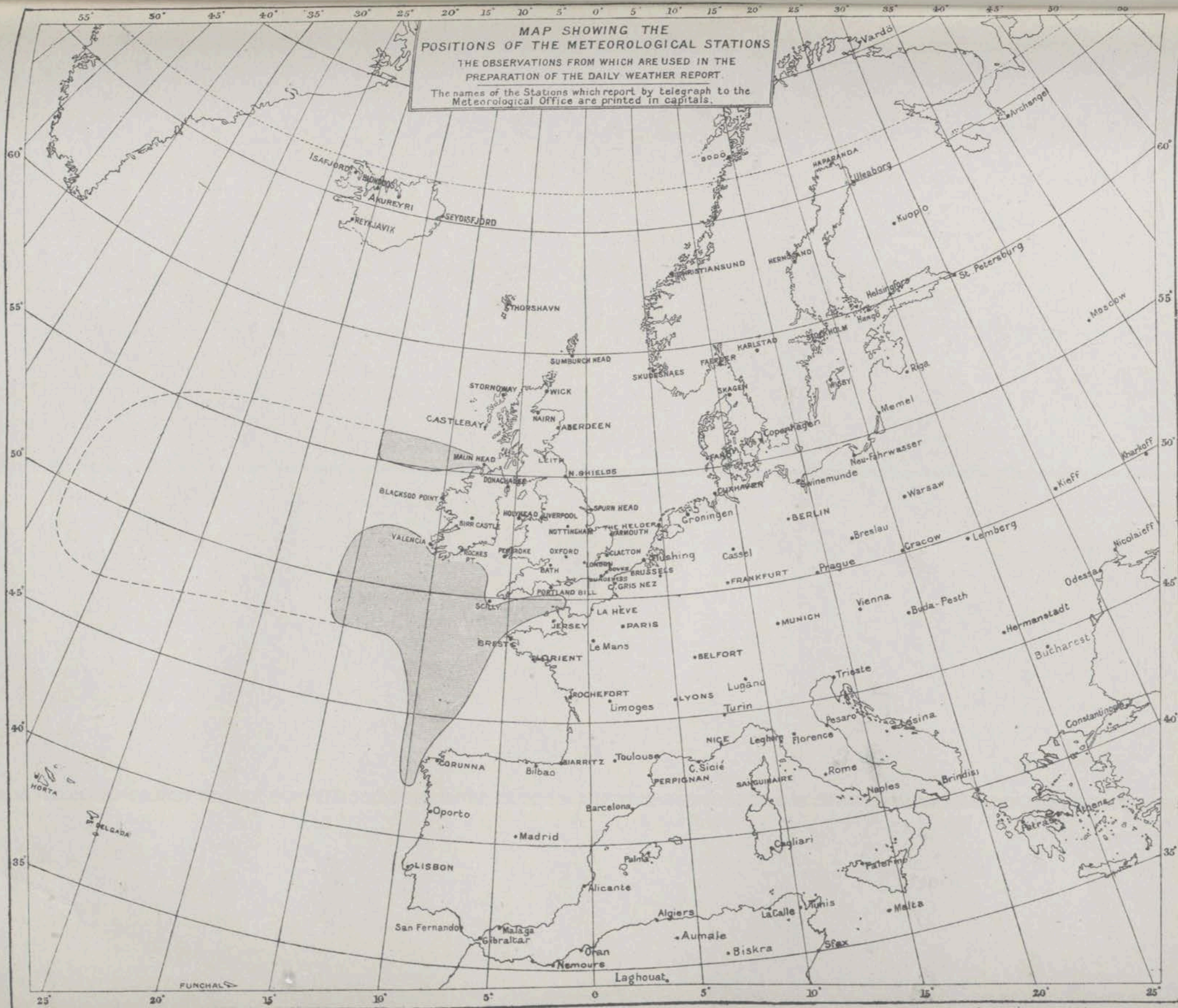


METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER 1910.



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

DAILY WEATHER REPORT. APPENDIX I.

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

THIRD QUARTER, JULY TO SEPTEMBER.

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

	STATIONS.	PRESSURE. 1871-1905. 8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905.		BRIGHT SUNSHINE. 1881-1905.	
			Means of				Absolute Extremes.				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.				
JULY.		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	1888	21	3.02	—	—
	Valencia	29.968	59.2	56.6	64.0	53.9	80	1878	42	1888	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	60.5	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	56.6	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)	29.902	60.6	58.3	65.0	56.6	75	1886, 1901, 02	48	1875	16	2.38	218.6	45
	Jersey (St. Aubin's)	29.921	62.6	59.2	68.8	56.6	90	1873	45	1902	13	2.30	249.8	52
	Portland Bill	29.936	60.7	58.4	66.1	56.2	79	1901	49	1900	12	1.67	—	—
	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	57.6	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	13	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	29.942	60.9	57.1	66.4	55.0	82	1905	40	1902	11	2.60	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	29.924	61.7	57.6	72.1	54.4	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	29.955	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	85	1881	41	1877	13	2.38	—	—	
AUGUST.	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	61.8	53.7	80	1900	43	1891	21	3.61	—	—
	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	1890	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	1889	38	1886	19	3.45	—	—
	Liverpool (Observatory)	29.906	58.0	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	1888	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)	29.968	63.1	59.7	69.0	57.3	89	1895	45	1890	15	2.54	243.0	55
	Portland Bill	29.973	60.8	57.4	66.3	56.0	78	1901	49	1904	13	1.68	—	—
	Dungeness	29.954	62.0	58.9	67.5	56.5	82	1904	39	1890	13	1.68	—	—
	Wick	29.809	55.3	53.0	61.2	48.5	85	1893	30	1886	19	2.74	—	—
	Nairn	29.815	56.7	53.0	63.8	49.8	86	1899	33	1885, 91, 1904	19	2.65	—	—
	Aberdeen	29.832	56.5	53.3	62.9	50.0	81	1890, 82, 99	33	1885	18	3.48	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	56.9	69.0	51.5	94	1876	37	1876	17	2.61	197.1	44	
Bath	29.955	60.8	56.8	66.5	53.3	92	1876	40	1877, 1904	14	2.67	188.7	42	
Oxford	29.954	60.3	56.7	69.2	52.9	90	1876	39	1892	14	2.38	184.9	42	
LONDON { Westminster	29.981	60.1	56.2	68.3	53.3	74	1905	48	1905	15	2.51	168.0	38	
{ Brixton	29.991	60.9	57.2	71.8	53.6	86	1876	39	1887, 90	14	2.39	—	—	
SEPTEMBER.	Sumburgh Head	29.800	50.8	49.1	54.9	40.3	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	1898	38	1889	19	2.95	—	—
	Blackod Point	29.902	55.4	52.9	59.7	51.5	78	1898	39	1889	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	2.75	127.9	34
	Donaghadee	29.918	53.7	52.4	60.1	49.4	74	1880	36	1883, 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	59.3	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, 88	17	3.03	169.7	45
	Jersey (St. Aubin's)	29.909	60.2	57.0	65.9	54.9	86	1895	41	1891	16	2.92	182.1	49
	Portland Bill	29.920	60.2	57.0	64.8	53.6	80	1900	43	1902, 03	13	2.26	—	—
	Dungeness	29.985	61.1	57.9	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	73	1898	25	1892	17	2.37	—	—
	Aberdeen	29.870	52.5	50.0	59.3	46.7	81	1898	30	1887	18	2.71	123.2	33
	Leith	29.889	53.6	50.9	62.2	47.5	83	1898	33	1886, 1905	15	2.05	—	—
	North Shields	29.915	53.3	51.1	60.4	48.2	81	1898	34	1885, 89, 93	14	2.03	—	—
Spurn Head	29.948	55.7	53.8	61.1	52.4	79	1899	38	1892	13	1.89	—	—	
Yarmouth	29.961	56.6	54.3	62.3	51.4	78	1880, 98	33	1885	14	2.41	—	—	
Clacton-on-Sea	29.919	56.3	53.6	63.1	52.3	75	1905	38	1904	11	2.16	179.3	48	
Nottingham	29.975	53.3	51.5	64.1	47.6	80	1898	30	1887	16	2.14	131.2	35	
Bath	29.910	53.9	51.9	65.2	48.5	85	1880	34	1872	12	2.74	139.0	37	
Oxford	29.991	52.0	50.5	61.5	48.7	90	1898	33						

* 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.

* Results for 2 years, 1904-1905.
** " " 1 year, 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.	STATIONS.	PRESSURE. 1871-1905. 8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905.		BRIGHT SUNSHINE. 1881-1905.	
			Means of				Absolute Extremes.				Days with Rain.	Total Fall.	Average Duration.	Per Centage of Possible Duration.
			Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.					
							Temp.	Year.	Temp.	Year.				
		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	28	1880	24	5.69	84.3	27
	Malin Head	29.804	49.4	46.4	52.6	45.6	[69]†	[1898]†	[32]†	[1892]†	[22]†	[3.22]†	—	—
	Blackod Point	29.853	49.7	46.9	54.2	45.9	[70]†	[1898]†	[29]†	[1905]†	[23]†	[5.13]†	—	—
	Valencia	29.891	50.0	48.7	56.4	40.2	69	1898	28	1892	22	5.48	102.7	32
	Roche's Point	29.893	50.1	48.8	55.8	49.1	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	1896	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	86	1872, 80	33	1895	20	4.02	103.6	32
	Scilly (St. Mary's)	29.903	53.0	51.7	57.0	50.1	89	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	43	1887	20	4.62	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	1898	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	1890	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	46.8	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	80	1898	27	1890, 92, 95	17	2.93	—	—
	Spurn Head	29.859	49.0	47.5	53.8	45.6	[70]*	[1900]*	[33]*	[1897, 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]||	[57.8]||	[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]**	[29]**	[1905]**	[16]**	[1.01]**	98.7	21
	Brixton	29.921	47.7	46.1	56.8	42.9	80	1886	24	1890	16	2.73	—	—
NOVEMBER.	Sumburgh Head	29.718	42.5	40.8	46.0	38.5	58	1901	21	1875	24	3.96	—	—
	Stornoway	29.732	42.6	41.5	47.0	37.5	58	1897, 1901, 02	20	1880	24	5.41	41.4	18
	Malin Head	29.784	44.5	42.7	48.3	41.4	[59]†	[1894, 99]†	[31]†	[1889]†	[21]†	[3.23]†	—	—
	Blackod Point	29.830	45.8	43.9	49.8	41.9	[60]†	[1897, 99]†	[26]†	[1890]†	[24]†	[5.29]†	—	—
	Valencia	29.893	47.4	45.4	52.3	42.8	63	1881	27	1890, 96, 1901	22	5.67	94.8	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	1888	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]‡	[51.9]‡	[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	38.8	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, 80	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	1890	16	2.44	—	—
	Spurn Head	29.880	43.8	42.5	47.7	40.6	[61]*	[1894, 95]*	[28]*	[1894]*	17	1.98	—	—
	Yarmouth	29.903	43.6	42.3	48.0	39.4	60	1895, 98, 99, 1904	23	1890	18	2.70	—	—
	Clacton-on-Sea	[29.878]¶	[41.0]¶	[39.0]¶	[47.9]¶	[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	1.90	33.5	[13]‡
Bath	[29.981]||	[40.7]||	[39.5]||	[50.3]||	[37.4]||	[63]†	[1879]†	[18]†	[1901]†	15	2.95	95.2	[21]‡	
Oxford	29.938	41.4	40.2	48.7	37.7	63	1899	17	1904	15	2.34	56.5	22	
LONDON { Westminster	[29.993]**	[40.7]**	[39.6]**	[47.9]**	[36.7]**	[56]**	[1905]**	[25]**	[1905]**	[19]**	[3.01]**	26.6	10	
Brixton	29.938	42.6	41.1	49.6	38.4	65	1894	19	1879	15	2.35	—	—	
DECEMBER.	Sumburgh Head	29.646	40.2	38.7	43.1	36.1	53	1890, 1905	19	1877	26	4.45	—	—
	Stornoway	29.689	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]†	—	—
	Blackod Point	29.789	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	29.868	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	2.06	—	—
	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	59	1872, 88	25	1874	20	3.80	—	—
	Pembroke (St. Ann's Hd.)	29.898	44.4	42.9	47.5	40.9	57	1890, 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	33.6	58	1873	6	1882	20	3.06	37.0	18
	Leith	29.778	39.3	37.7	44.5	34.3	60	1896	6	1882	16	1.97	—	—

* Results for 25 years, 1881-1905.
† " " 20 " 1871-1894 and 1899-1905.
‡ " " 20 " 1886-1905.

‡ Results for 7 years, 1899-1905.
§ " " 6 " 1900-1905.
|| " " 5 " 1901-1905.

¶ Results for 2 years, 1904-1905.
** " " 1 year, 1905.

(Revised Issue.)

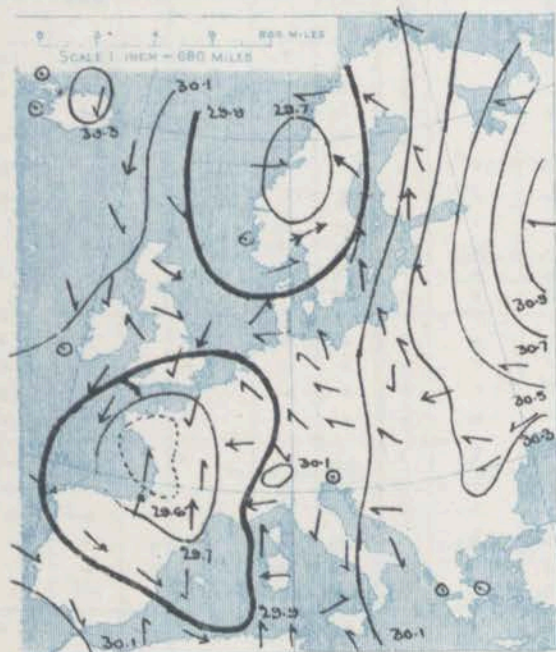
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday
1st December, 1910.

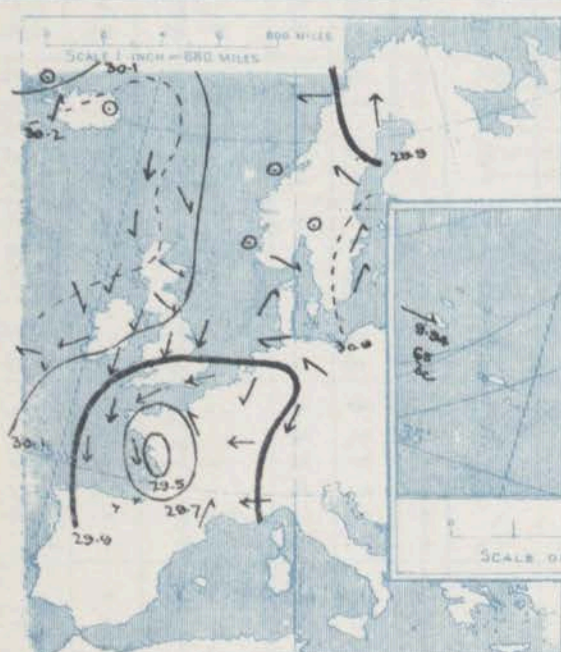
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. shine	Rainfall.		
				At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Dry Bulb.		Dirac.	Force (0 to 12).	At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dirac.	Force (0 to 12).				Max.	Min.
Ins.		"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	"		
SCANDINAVIA.	Haparanda...	29.84	34	S	4	0	29.96	-0.01	26	26	+5	N	2	0	34	21	"	"	0.28		
	Hernösand...	29.91	33	SE	2	0	30.06	+0.27	35	28	-2	NW	2	0	33	33	"	"	"		
	Stockholm...	30.04	37	SW	2	0	30.08	+0.12	37	26	0	NW	2	0	37	36	"	"	0.12		
	Wisby...	30.02	39	SW	2	0	30.07	+0.08	38	27	-2	SSE	4	0	41	37	"	"	0.59		
	Karlstad...	29.98	37	2	0	0	30.14	+0.37	34	33	-5	N	4	0	41	37	"	"	0.04		
	Færder (X'ania Fjord)	29.94	37	NNE	4	0	30.16	+0.41	37	35	-3	N	4	0	41	37	"	"	"		
	Bodö...	29.91	28	E	2	0	30.13	+0.39	33	29	+5	N	4	0	33	28	"	"	"		
ICELAND & FAEROE.	Christiansund...	30.04	38	2	0	0	30.22	+0.53	38	35	-1	2	0	39	36	"	"	0.24			
	Skudesnaes...	30.02	35	2	0	0	30.20	+0.44	33	32	-1	NE	2	0	39	32	"	"	"		
	Isafjord...	30.09	36	2	0	0	30.22	+0.10	30	*	+1	NE	7	0	*	*	"	"	"		
BRITISH ISLANDS.	Reykjavik...	30.19	38	S	2	0	30.23	+0.03	37	*	0	S	1	0	*	*	"	"	"		
	Seydisfjord...	30.25	27	2	0	0	30.08	-0.24	41	*	+16	S	5	0	*	*	"	"	"		
	Thorshavn...	30.29	32	N	4	0	30.38	+0.23	26	*	-7	N	1	0	*	*	"	"	"		
	Sumburgh Head	30.44	37	NW	3	0	30.31	+0.38	36	35	-1	NW	2	0	43	34	b	3.2	0.06		
	Stornoway...	30.26	37	N	2	0	30.25	+0.24	36	35	0	N	3	0	39	34	bc, bcp	4.0	"		
	Castlebay (Barra Id.)	30.25	41	NE	2	0	30.32	+0.20	40	26	+2	NE	3	0	43	38	bc, c, b	"	"		
	Malin Head...	30.18	41	NNE	2	0	30.24	+0.16	44	29	+2	NNE	2	0	44	39	bc, bcp	"	"		
	Blackod Pt. ...	30.17	38	NW	1	0	30.21	+0.10	39	37	+5	ENE	3	0	44	30	bc, op, bc	"	"		
	Valencia...	30.13	35	ENE	1	0	30.11	+0.03	36	34	+3	ENE	2	0	44	31	b, c	6.6	"		
	Roche's Point...	30.11	39	N	3	0	30.06	+0.01	37	36	+1	NW	3	0	41	35	bc, b, o	"	0.01		
	Birr Castle...	30.15	29	2	0	0	30.14	+0.04	29	28	+4	N	1	0	31	24	o, f, o	0.0	"		
	Donaghadee...	30.15	41	NE	2	0	30.19	+0.12	41	40	-1	N	4	0	45	41	bc, b, o	"	"		
	Liverpool Obsy...	30.09	36	N	2	0	30.06	+0.02	36	35	+2	NNE	3	0	36	32	f, b, o, o	2.7	0.04		
	Holyhead...	30.08	42	NE	3	0	30.06	+0.04	44	42	+5	NE	5	0	44	39	bc, b, o	"	0.03		
	Pembroke...	29.99	40	N	4	0	29.92	-0.04	39	38	+2	NNE	5	0	44	36	bc, b, o	0.6	0.02		
	(St. Ann's Hd.)																				
	Scilly (St. Mary's)	29.91	45	NNE	6	0	29.83	-0.08	46	42	+2	NNE	7	0	46	41	bc, b, o	0.0	0.02		
	Jersey (St. Aubin's)	29.63	44	NE	5	0	29.62	-0.01	46	46	+1	ENE	3	0	47	43	o, f, o	0.0	0.74		
	Portland Bill...	29.76	40	NNE	7	0	29.69	-0.13	43	43	+4	NE	7	0	47	38	bc, b, o	0.0	0.34		
	Dungeness...	29.69	44	NE	8	0	29.72	-0.05	44	43	+1	ENE	4	0	45	42	bc, b, o	0.0	0.48		
	Dover...	*	*	*	*	*	29.81	-0.06	43	42	+3	NE	4	0	43	39	f, b, o, o	0.0	0.62		
	Wick...	30.20	36	N	1	0	30.32	+0.31	34	34	-3	NW	1	0	42	30	opq, opq	"	0.05		
	Nairn...	30.23	37	NE	1	0	30.32	+0.25	33	32	-1	2	0	0	38	30	bc, b, o	0.5	0.09		
	Aberdeen...	30.19	36	NW	3	0	30.29	+0.25	38	26	+3	NW	3	0	40	34	b, b, o	3.9	0.08		
Leith...	30.17	29	N	1	0	30.22	+0.16	40	38	+6	NW	3	0	40	33	bc, b, o	"	"			
North Shields	30.11	37	NW	2	0	30.15	+0.11	44	43	+11	NNE	4	0	44	30	bc, b, o	1.2	0.03			
Spurn Head...	30.01	43	NNE	5	0	29.97	-0.27	44	42	+6	NE	6	0	44	36	bc, b, o	"	0.05			
Yarmouth...	29.93	44	NE	5	0	29.93	+0.02	43	41	+1	ENE	6	0	45	42	c, o, opq	0.0	0.34			
Clacton-on-Sea...	29.86	43	NE	3	0	29.84	-0.04	44	43	+3	NE	5	0	44	36	bc, b, o	0.0	0.47			
Nottingham...	30.00	38	NE	4	0	29.97	-0.03	40	39	+5	NE	4	0	40	34	bc, b, o	0.2	0.10			
Bath...	29.90	40	E	3	0	29.81	-0.10	39	38	+2	NE	7	0	41	36	"	0.0	0.31			
Oxford...	29.90	40	NNE	6	0	29.86	-0.10	40	39	+4	NE	5	0	41	35	"	0.0	0.42			
London (St. James's Pk)	29.85	43	NNE	4	0	29.81	-0.08	43	42	+5	NE	4	0	44	38	bc, b, o	0.0	0.63			
GERMANY, &c.	The Scaw (Skagen)	29.96	37	NW	1	0	30.12	+0.28	38	37	0	NE	2	0	41	32	"	"	"		
	Fanö...	30.02	36	SW	1	0	30.08	+0.16	33	33	-5	N	2	0	43	30	"	"	"		
	Cuxhaven...	29.97	38	E	3	0	30.02	+0.08	38	38	+3	NE	3	0	39	34	"	"	"		
	The Helder...	29.95	41	NE	3	0	29.99	+0.06	41	40	0	NE	5	0	41	39	"	"	0.04		
	Brussels...	*	*	*	*	*	29.83	+0.05	40	40	+2	ENE	1	0	40	37	"	"	0.04		
	Berlin...	29.98	35	SE	3	0	29.99	+0.06	37	37	0	E	3	0	43	36	"	"	"		
	Frankfurt...	29.87	38	NE	1	0	29.88	+0.03	36	35	-4	NE	1	0	43	34	"	"	"		
Munich...	29.95	29	NE	4	0	29.93	+0.05	28	100	-1	E	4	0	34	27	"	"	"			
FRANCE.	C. Gris Nez...	29.76	39	ENE	8	0	29.78	-0.02	41	41	+3	ENE	4	0	43	38	"	"	0.83		
	La Hève...	29.65	39	NE	1	0	29.69	+0.04	36	34	-2	E	2	0	37	34	"	"	0.47		
	Brest...	29.78	41	NNE	6	0	29.75	+0.02	43	42	+1	N	6	0	43	41	"	"	0.71		
	Lorient...	29.58	45	NNE	5	0	29.66	+0.06	44	44	-1	NW	5	0	46	43	"	"	0.08		
	Rocheport...	29.50	50	NW	5	0	29.53	+0.21	50	46	0	NW	4	0	55	45	"	"	0.24		
	Biarritz...	29.81	50	SW	4	0	29.93	+0.32	50	46	0	WSW	6	0	52	46	"	"	0.28		
	Paris...	29.65	51	SSE	2	0	29.75	+0.09	45	43	+1	SE	2	0	54	42	"	"	0.04		
Belfort...	29.80	41	E	4	0	29.89	+0.09	37	37	-6	ENE	2	0	47	37	"	"	"			
SPAIN & PORTUGAL.	Lyons...	29.80	51	S	4	0	29.87	+0.12	44	44	-5	2	0	0	56	44	"	"	0.08		
	Nice...	29.86	55	E	5	0	29.82	-0.11	49	48	-6	2	0	0	57	48	"	"	0.35		
	Perpignan...	29.76	51	SW	1	0	29.85	+0.27	49	43	-6	2	0	0	61	48	"	"	0.12		
	Sanguinaire...	29.86	55	W	2	0	29.83	-0.06	55	?	-2	E	2	0	64	52	"	"	0.08		
	Corunna...	30.05	55	NW	3	0	30.00	+0.03	54	52	0	S	2	0	62	50	"	"	"		
Lisbon...	30.15	52	NW	2	0	30.07	-0.02	54	52	+2	SSE	1	0	57	50	"	"	"			
Gibraltar...	30.04	52	NW	2	0	30.05	+0.04	49	47	-1	NW	2	0	66	64	"	"	"			
Azores (P. Delgada)	30.00	65	W	4	0	29.94	-0.08	64	63	0	W	4	0	66	64	"	"	"			
" Horta...	29.95	65	SW	3	0	29.94	-0.05	63	61	0	W	3	0	68	64	"	"	"			
Madeira (Puncha)	30.16	64	E	2	0	30.11	-0.02	63	55	+1	E	2	0	68	52	"	"	"			

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

7 A.M. YESTERDAY.

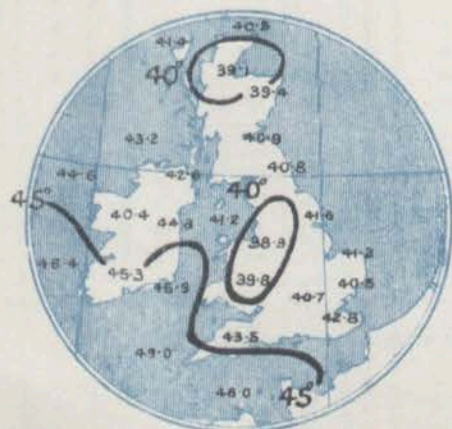


6 P.M. YESTERDAY.



AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD
NOVEMBER - DECEMBER.

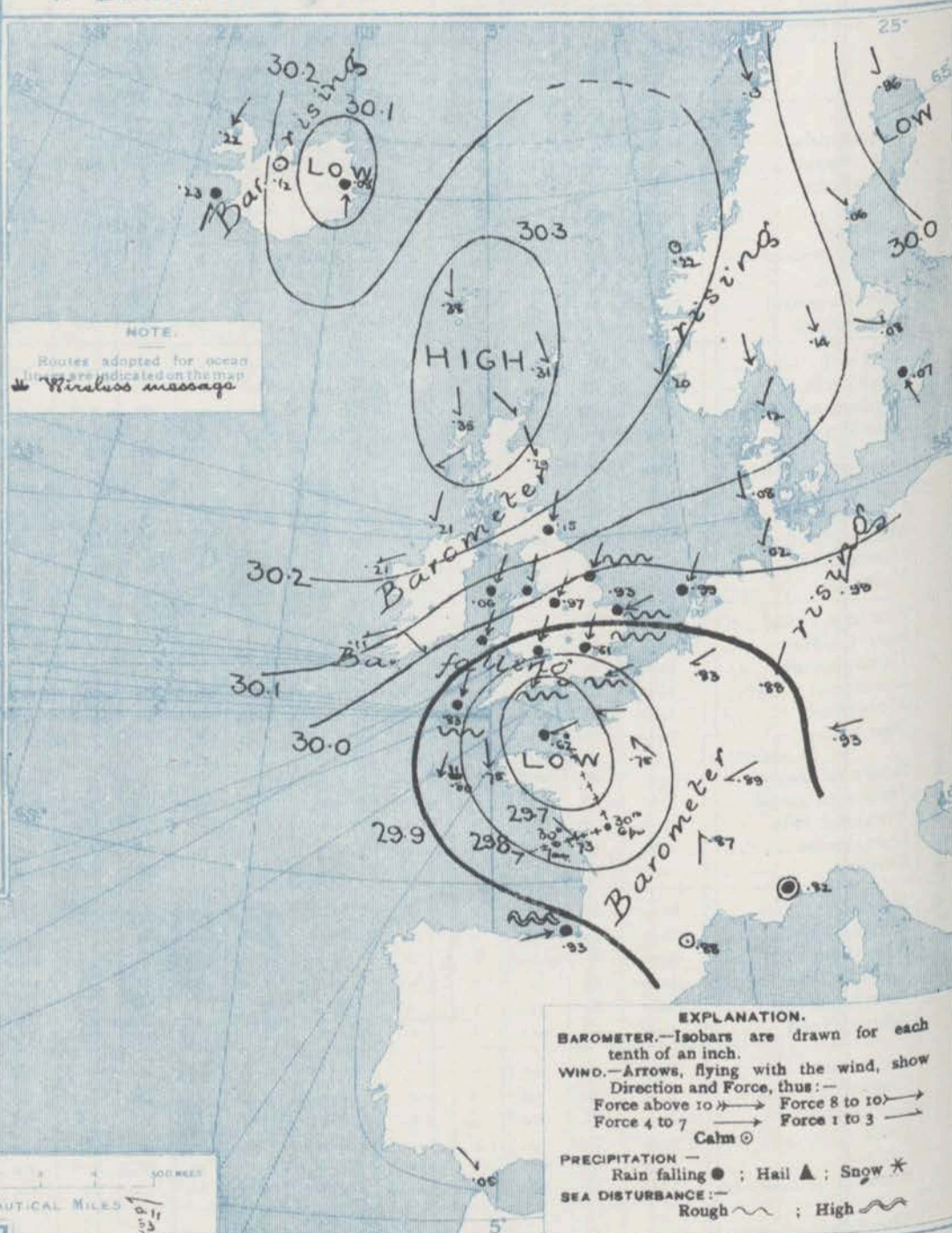
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Thursday.

WEATHER 1st Decr '10.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The Icelandic high pressure system continues to move south-eastward, its central area being at present found over Scotland, Shetland and the Faeroes. The French depression has moved northward to the Channel and the northern Departments, but is gradually filling up. The barometer is falling slightly over the south of Ireland, and the west and north of England, but rising elsewhere.

A complete cyclonic circulation of air exists around the baric minimum, and on our south and east coasts the North-Easterly current is still strong or high in force. Light to moderate westerly breezes prevail in Scandinavia and Denmark, variable breezes in Iceland. Temperature has risen over England and Ireland, as well as in Iceland, but fallen elsewhere. Over the United Kingdom the morning readings range from 46° at Scilly and Jersey to 35° and less in the north of Scotland, and to 30° and less over central Ireland. The continental values range from 50° at Rochefort and Belfast to 28° at Munich and 26° at Haparanda. Rain is falling over nearly the whole of England and Wales, as well as in Holland and the south of France, and fog prevails over Belgium, South Germany and the north and east of France. In Ireland, Scotland and Norway the weather is fine. The sea is rough in the Channel, and rather rough on our east coasts, moderate or slight elsewhere.

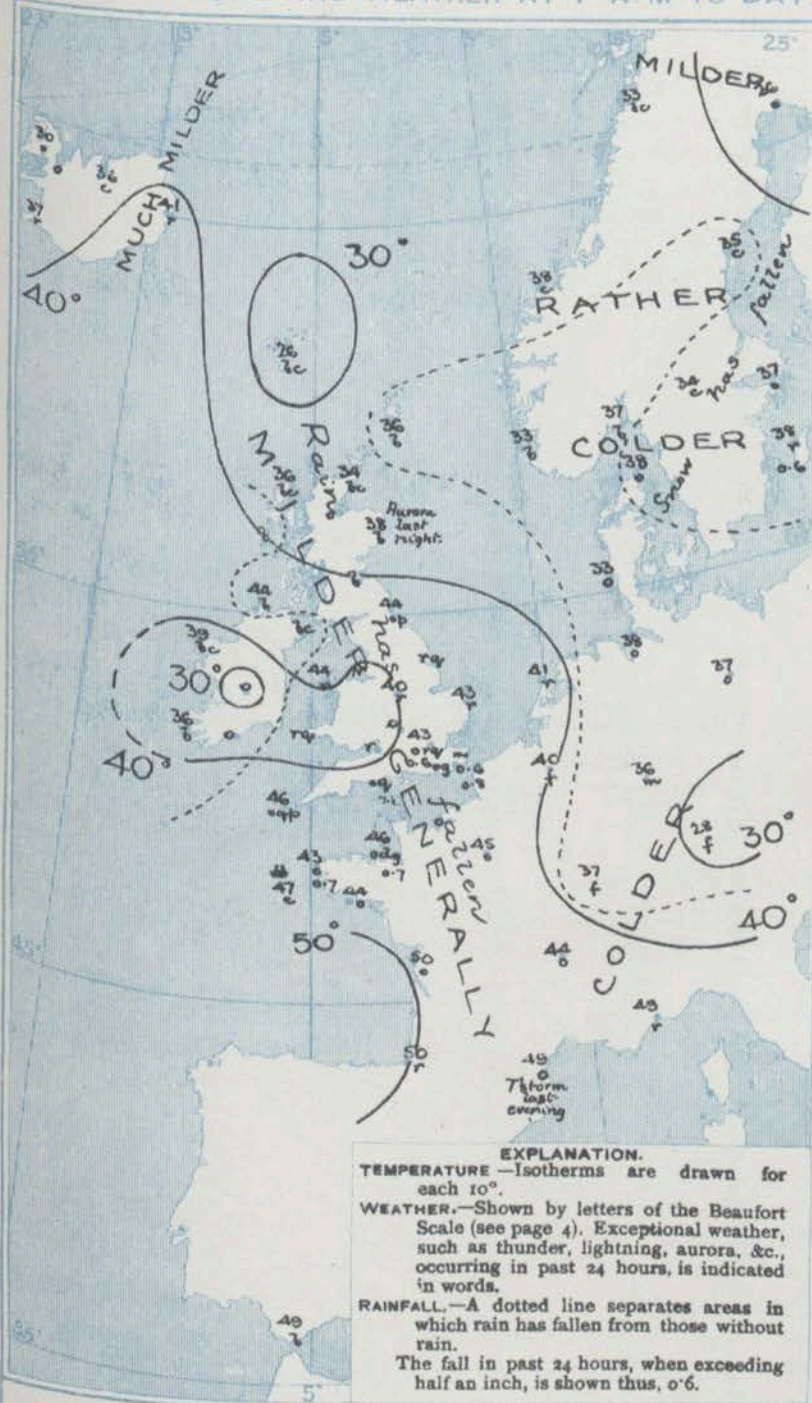
CHARTS 1st December, 1910.

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

WEATHER PROSPECTS

FORECASTS FOR THE 24 HOURS
NOON Thursday TO NOON Friday

THE FURTHER OUTLOOK



- 1 } Light breezes, chiefly N.E.;
fair, cold, sharp frost to night
- 2 } N.E. winds, fresh or strong on coast; cold and dull, with occasional rain.
- 3 }
- 4 } N.E. winds, moderating in force; dull at first, with occasional rain, improving later.
Temperature about the normal.
- 5 }
- 6 } Same as Nos. 0 & 1.
- 7 }
- 8 } Same as Nos. 2 and 3.
- 9 } N.E. and N.W. winds, strong at first, but moderating later; dull with occasional rain. Moderate temperature.
- 10 } N.E. winds, light or moderate; fair at first, cloudy later, with rain in places. Rather milder.

11 WESTERN CHANNEL AND BAY

Strong N.E. winds north Channel and northern part Bay, drawing into N.W. and W. further south; sea rough generally; dull, with occasional rain.

NOTES ON YESTERDAY'S WEATHER

The minimum temperatures recorded over the United Kingdom yesterday were mostly below 45°, and at many of our northern stations they were below 40°; while in Central Ireland the thermometer did not reach the freezing point. At the majority of the English stations there was a complete absence of bright sunshine. Heavy rain has fallen in the south and south-east of England and the north of France. Wireless reports show that as far west as the 17th meridian ships experienced light to moderate easterly or north-easterly winds, and fine weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.



The depression over the Channel and France will continue to disperse gradually, and some improvement in the weather is therefore likely to take place over our southern districts. The general conditions will however remain unsettled, with a temperature below the normal.



FORECAST DISTRICTS.

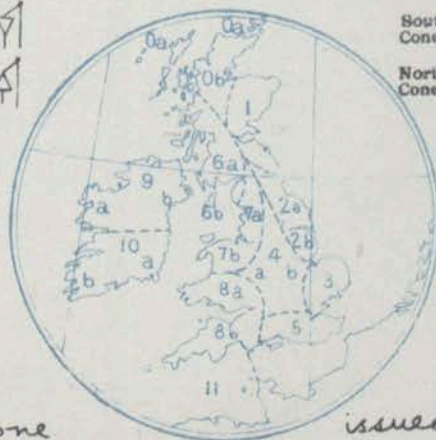
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone. 
North Cone. 

South Cone. 
North Cone. 



None

issued.

* If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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.			
Oban, to 6 p.m. ...	45	23	b.c.	6.5	-	Brighton, to 6 p.m. ...	47	34	b.	0.0	0.71
Dublin (City), to 4 p.m. ...	37	23	b.c. c. b.c.	8	-	Seaford, to 6 p.m. ...	47	37	r. o.	0.0	0.68
Blackpool, to 9 p.m. ...	38	24	c. b.c.	3.4	-	Eastbourne, to 6 p.m. ...	43	36	f.	0.0	0.90
Southport, to 9 p.m. ...	38	25	b. b.c. b.c.	3.2	-	Bexhill-on-Sea, to 9 p.m. ...	43	36	f.	0.0	0.71
Rhyl, to 6 p.m. ...	40	25	b.c. b. b.c.	2.4	-	Hastings ...	45	39	c. o.	0.0	0.86
Colwyn Bay, to 6 p.m. ...	42	33	-	3.5	-	Folkestone, to 6 p.m. ...	45	40	b.	0.0	0.67
Llandudno, to 9 p.m. ...	42	32	b.c. b.c. o.	3.5	-	Deal, to 6 p.m. ...	45	40	b.	0.0	0.36
Bettws-y-Coed, to 6 p.m. ...	47	28	b.c. b. c.	1.9	-	Ramsgate, to 6 p.m. ...	45	32	r.	0.0	0.27
Towyn, to 6 p.m. ...	42	31	b.	2.0	-	Margate, to 6 p.m. ...	44	34	b.	0.0	0.24
Aberystwyth, to 6 p.m. ...	42	37	b. o.r.	0.0	0.03	Felixstowe, to 6 p.m. ...	44	33	b.c. o.p. o.	0.0	0.02
Plymouth, to 9 p.m. ...	41	36	b. o.p.	0.0	0.08	Lowestoft, to 6 p.m. ...	43	35	r. o.	0.0	0.03
Paignton, to 6 p.m. ...	42	35	b.	0.0	0.02	Skegness, to 6 p.m. ...	43	35	r. o.	0.0	0.02
Torquay, to 6 p.m. ...	41	34	c.r. r.	0.0	0.02	Scarborough, to 9 p.m. ...	43	35	b.c.	0.0	0.02
Teignmouth, to 9 p.m. ...	42	36	c. o.r.	0.0	0.22	Harrogate, to 6 p.m. ...	37	29	b.c. b.c. b.	1.7	-
Weymouth, to 6 p.m. ...	41	31	b.	0.0	0.30	Buxton, to 6 p.m. ...	36	29	b.c. o.r.	0.0	-
Bournemouth, to 6 p.m. ...	41	33	b.	0.0	0.35	Darwen, to 9 p.m. ...	41	28	f. b.c. c. o.	0.0	-
Southsea, to 6 p.m. ...	41	33	b.	0.0	0.28	Manchester, to 9 p.m. ...	-	-	-	-	-
Rognor, to 6 p.m. ...	47	36	b.	0.0	0.53	Birmingham, to 9 p.m. ...	-	-	-	-	-
Worthing, to 6 p.m. ...	47	36	b.	0.0	0.53						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 30th Dec. 1910	59	54	b.c.	0.08	Utrecht ... 30th Dec. 1910	41	32	b.c.	0.12
Marseilles ...	71	59	b.c.	-	Groningen ...	41	32	b.c.	-
Malta ...	70	57	b.c. o.	-	Zurich ...	41	32	b.c.	-
Algiers ...	75	50	b.c. o.	-	Geneva ...	41	32	b.c.	-
Tunis ...	75	50	b.c. o.	-	Lugano ...	41	32	b.c.	-
Palermo ...	64	52	b.c. o.	0.20	Berne ... 29th Dec. 1910	48	32	b.c.	Measured 7.30 a.m. 0.08
Naples ...	58	52	b.c. o.	-	Coire ...	52	32	b.c.	-
Brindisi ...	55	43	b.c. o.	-	Castasegna ...	37	29	b.c.	-
Rome ...	55	51	b.c. o.	0.20	Davos ...	41	32	b.c.	-
Vienna ...	36	34	b.c. o.	-					
St. Petersburg ...	19	14	b.c. o.	-					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
H.M.S. { 30th Dec. 1910	45° 40' N	7° 40' W	29.90	N	6	b.c.	51	46	49	5		0	0	Ins.			
" { 1st Dec.	45° 40' N	7° 40' W	29.95	N	6	c.	51	46	49	4		0	0	Ins.			
" { 2nd Dec.	45° 40' N	7° 40' W	29.90	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 30th Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 1st Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 2nd Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 3rd Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 4th Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 5th Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 6th Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 7th Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 8th Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 9th Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 10th Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 11th Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			
Swansea { 12th Dec.	50° 40' N	5° 40' W	29.80	NNE	6	c.	47	44	46	5		0	0	Ins.			

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. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,

LONDON, S.W.

W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

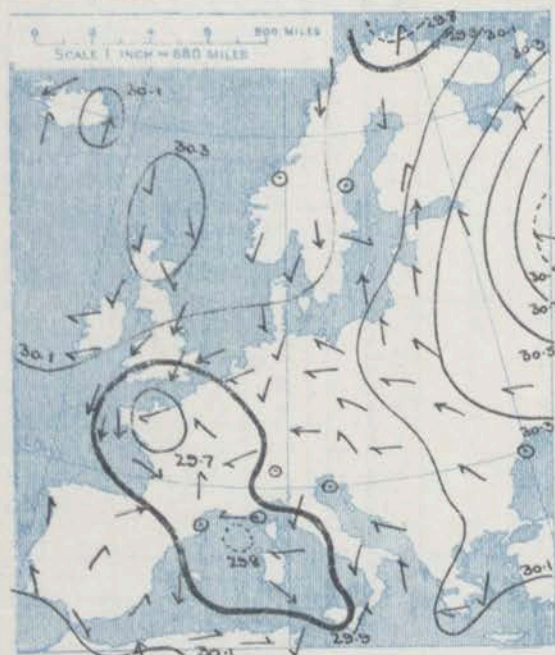
Friday
2nd December, 1910.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMPERATURE.			WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.
		At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dry Bulb.	Wet Bulb.				Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Max.					Min.				
																			At 8 ³⁰ Fahr. and M.S.L. Lat. 45°			
SCANDINAVIA.	Haparanda...	30.12	3	2	0	6	29.87	-0.9	26	26	0	S	4	0	b	4	36	1	*	*	-	-
	Hernösand...	30.21	23	2	0	6	30.14	+0.8	25	24	-10	SW	4	0	b	4	35	23	*	*	-	-
	Stockholm...	30.25	30	NNW	2	6	30.25	+1.7	27	26	-10	WNW	2	0	b	4	37	30	*	*	-	-
	Wisby...	30.15	39	NNE	4	0	30.20	+1.3	37	33	-1	NNE	4	0	b	4	45	34	*	*	-	-
	Karlstad...	30.31	28	N	2	6	30.31	+1.7	23	23	-11	2	0	6	b	4	37	28	*	*	-	-
	Færder (X'lantia Fjord)	30.35	35	N	2	6	30.32	+1.6	30	28	-7	W	1	6	b	4	37	28	*	*	-	-
	Bodö...	29.99	33	2	0	0	29.63	-5.0	33	31	0	WNW	2	5	4	34	32	*	*	-	-	
	Christiansund...	30.25	39	S	1	6c	30.25	+0.3	39	35	+1	WNW	6	5	4	39	34	*	*	0.43	-	
	Skudesnaes...	30.38	36	2	0	6	30.41	+2.1	31	30	-2	NE	2	6	0	36	30	b	*	-	-	
	ICELAND & FAEROE.	Isafjord...	30.28	28	2	0	0	30.12	-1.0	28	*	-2	2	0	5	*	*	*	*	*	*	*
Reykjavik...		30.23	36	E	1	r	30.12	-1.1	41	*	+4	E	3	5	*	*	*	*	*	*	*	*
Seydisfjord...		30.28	34	SW	3	0	30.26	+1.8	32	*	-9	2	0	5	*	*	*	*	*	*	*	*
Thorshavn...		30.26	39	W	4	0	30.40	+0.2	39	*	+13	2	0	5	*	*	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.29	35	N	2	6	30.47	+1.6	38	38	+2	2	0	6	1	43	32	b	*	-	-	
	Stornoway...	30.41	37	NNE	2	6c	30.43	+0.8	37	35	+1	NE	2	6	2	42	35	bcp. bc	3.7	0.03	-	-
	Castlebay (Barra Id.)	30.35	41	NE	3	6	30.36	+0.4	40	37	0	E	3	6	3	43	38	b	6.0	-	-	
	Malin Head...	30.22	42	E	6	6c	30.19	-0.5	42	40	-2	E	7	bcy	5	44	39	bcy	*	-	-	
	Blacksod Pt. ...	30.18	42	NE	5	cq	30.06	-1.5	43	41	+4	NE	5	cq	4	43	37	bcy. bc. og	*	-	-	
	Valencia...	30.05	39	NE	4	c	29.96	-1.5	41	39	+5	E	5	0	4	42	35	bc. c	1.6.	0.01	-	
	Roche's Point...	29.97	42	NE	3	ogp	29.93	-1.2	43	42	+6	E	3	r	2	43	37	op. ogp. o. og	*	0.05	-	
	Birr Castle...	30.07	39	N	4	r	30.03	-1.1	42	40	+13	NE	5	or	*	42	29	o. r	0.0	0.04	-	
	Donaghadee...	30.20	43	NNE	4	c	30.20	+0.1	43	41	+2	NNE	7	c	5	44	40	c. og	*	-	-	
	Liverpool Obsy...	30.04	41	NE	5	0	30.09	+0.3	41	39	+5	ENE	5	0	4	42	36	od. o. c	0.0	0.28	-	
GERMANY, & G.	Holyhead...	30.01	44	NE	7	2m	30.06	+0.0	43	42	-1	ENE	8	0	6	45	41	cp. 2m. rgm	*	0.07	-	
	Pembroke (St. Ann's Hd.)	29.84	39	NE	6	r	29.90	-0.2	43	43	+4	NE	5	ogqp	4	45	37	og. rgm	0.0	0.22	-	
	Scilly (St. Mary's)...	29.75	45	NE	4	opm	29.83	+2.1	47	46	+1	SSE	4	odm	3	47	44	odpm. ogm	0.0	0.03	-	
	Jersey (St. Aubins)...	29.70	46	ESE	3	ogm	29.82	+1.3	48	47	+5	ENE	6	c	5	48	43	orm. c	0.0	0.18	-	
	Portland Bill...	29.71	47	ENE	6	r	29.91	+1.9	45	44	+1	ENE	4	r	5	46	42	og. og	0.0	0.09	-	
	Dungeness...	29.78	45	E	4	r	29.98	+1.7	42	41	-1	ESE	3	r	2	44	41	m. orm	0.0	0.58	-	
	Dover...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Wick...	30.36	35	E	1	6c	30.41	+0.9	38	37	+4	E	2	cp	2	41	32	-	*	0.04	-	
	Nairn...	30.38	32	2	0	c	30.41	+0.9	36	35	+3	2	0	c	1	39	30	op. shp. o. c	0.8	0.10	-	
	Aberdeen...	30.35	40	NNE	3	c	30.41	+1.2	41	38	+3	E	3	0	3	43	37	bcqp. c. o	2.4	0.01	-	
FRANCE.	Leith...	30.26	41	E	3	0	30.31	+0.9	43	40	+3	E	3	0	*	44	39	bc. cp. o. c. o	*	0.05	-	
	North Shields...	30.18	42	NE	4	0	30.27	+1.2	43	41	-1	E	4	0	4	45	41	p. c	0.1	0.03	-	
	Spurn Head...	30.00	42	NE	7	r	30.10	+1.3	44	42	10	ENE	7	crq	6	45	40	rg. cq	*	0.64	-	
	Yarmouth...	29.93	43	NE	7	r	30.07	+1.4	42	41	-1	ENE	5	r	5	43	41	orm	0.0	0.61	-	
	Clacton-on-Sea...	29.87	43	NE	5	r	29.99	+1.5	42	41	-2	NE	4	r	4	44	42	org	0.0	0.35	-	
	Nottingham...	29.99	40	ENE	6	r	30.07	+1.0	41	40	+1	ENE	5	r	*	42	39	r	0.0	1.36	-	
	Bath...	29.81	43	E	4	0	29.94	+1.3	43	42	+4	NE	4	0	*	44	39	-	0.0	0.17	-	
	Oxford...	29.89	42	NE	4	r	30.00	+1.4	42	41	+2	ENE	4	r	*	44	40	o. r	0.0	0.31	-	
	London (St. James's Pk)	29.85	45	ENE	3	or	29.97	+1.6	43	42	0	NE	3	org	*	46	42	or. o. or	0.0	0.54	-	
	SPAIN & PORTUGAL.	The Scaw (Skagen)	30.31	36	ENE	2	6	30.32	+2.0	34	32	-4	ENE	1	6	0	39	34	*	*	-	-
Fanö...		30.25	35	NE	2	0	30.30	+2.2	30	31	-3	NE	1	6	*	36	30	*	*	-	-	
Cuxhaven†...		30.10	39	E	3	0	30.19	+1.7	38	35	0	NE	3	0	*	39	37	*	*	-	-	
The Helder...		30.03	40	ENE	5	0	30.12	+1.3	39	39	-2	NE	5	0	3	41	39	*	*	0.09	-	
Brussels...		*	*	*	*	*	29.98	+1.5	38	38	-2	ENE	1	r	*	43	38	*	*	0.04	-	
Berlin†...		30.06	34	E	3	0	30.13	+1.4	34	36	-3	E	2	0	*	37	34	*	*	-	-	
Frankfurt†...		29.93	38	E	3	0	29.99	+1.1	37	40	+1	SE	3	r	*	41	36	*	*	-	-	
Munich†...		29.97	38	SE	3	f	30.03	+1.0	32	100	+4	E	2	f	*	32	28	*	*	-	-	
C. Gris Nez...		29.82	41	ENE	3	f	29.95	+1.7	40	40	-1	E	4	f	5	46	39	*	*	0.39	-	
La Hève...		29.79	39	E	3	6	29.88	+1.9	37	36	+1	ESE	4	m	3	45	36	*	*	-	-	

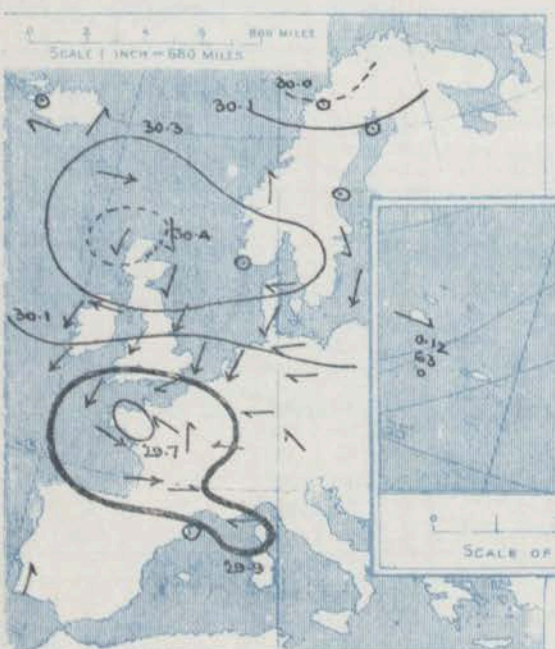
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

7 A.M. YESTERDAY.

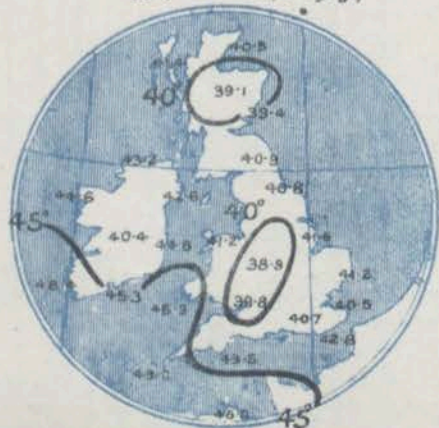


6 P.M. YESTERDAY



AVERAGES OF TEMPERATURE AT 8 A.M. FOR THE TWO-MONTHLY PERIOD NOVEMBER - DECEMBER.

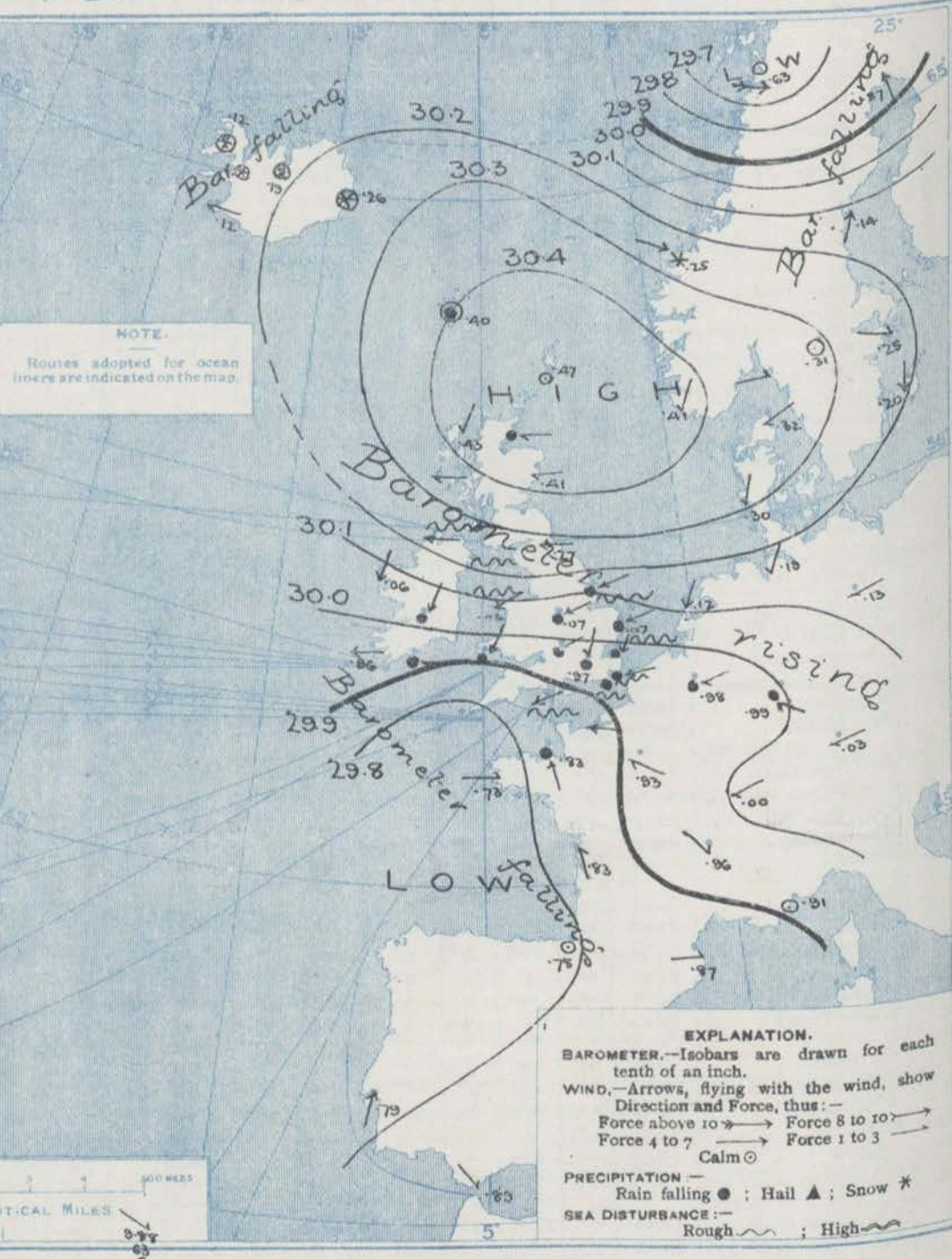
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Friday.

WEATHER 2nd Dec.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression noticed yesterday over the Channel and north of France is now moving in a south-westerly direction across the Bay of Biscay, and the barometer is rising over Great Britain and the western portions of the Continent. An anticyclone is situated over and to the northward of Scotland, but a rather deep depression is passing eastward across the north of Scandinavia.

E. to N.E. winds continue to prevail over the United Kingdom and the North Sea, and blow very strongly on many parts of the English and Irish coasts; in France the wind is light from the S.W. Cyclonic circulation is reported over northern Scandinavia; at Horta there is a gale from the W. and temperature has risen slightly in these islands, but fallen at most of the Continental stations. Over the United Kingdom the morning readings are below 45°, and in the north of Scotland they are slightly below 40°. Slight frost prevails in South Germany, and sharp frost in Sweden and at some of the Icelandic stations. Rain is falling over a large portion of England and the south of Ireland, as well as in some neighbouring parts of the Continent. On our extreme north-west coasts and on the eastern side of the North Sea the weather is fine and bright. Snow is falling in the west of Norway and in Iceland. The sea is rough or rather rough on all the more exposed parts of the English and Irish coasts.

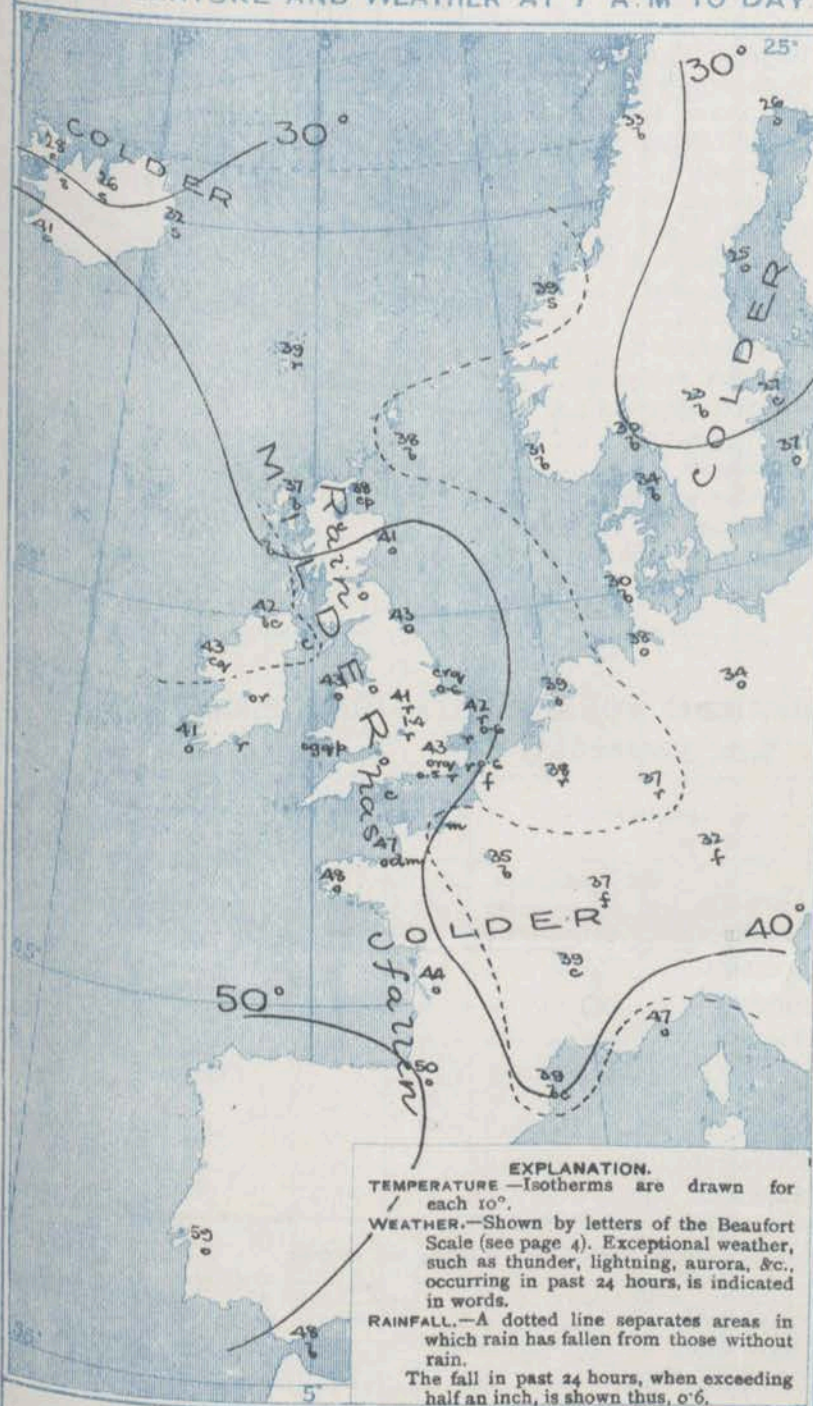
CHARTS 2nd December, 1910

WEATHER PROSPECTS.

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

FORECASTS FOR THE 24 HOURS
NOON Friday TO NOON Saturday.

THE FURTHER OUTLOOK*



- 0 { a } Light breezes, chiefly E^{ly}; fair generally; colder, post to-night.
- 1 { b }
- 2 { a } E^{ly} and N.E.^{ly} winds, strong at first, moderating later; dull, with occasional rain, then fair; colder.
- 3 { b }
- 4 { a } E^{ly} and N.E.^{ly} winds, moderate or fresh; dull, with occasional rain, improving later; colder.
- 5 { b }
- 6 { a } Same as Nos. 0 & 1.
- 7 { b }
- 8 { a } N.E.^{ly} winds, strong to a gale in places; dull, with occasional rain; colder.
- 9 { b }
- 10 { a }
- 11 { b }

II WESTERN CHANNEL AND BAY

Strong E^{ly} and N.E.^{ly} winds mouth Channel, variable breezes Bay; sea rather rough generally; cloudy, with occasional rain; colder.

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 45° or slightly above it in the West and south of Great Britain, but at some of our northern stations it failed to reach 40°. Over the greater part of England and Ireland there was an entire absence of bright sunshine. A heavy rain fell at many English stations, the amount at Nottingham being as large as 1.4 inch. Windward reports show that between the Irish coasts and the 21st meridian ships experienced moderate to fresh E^{ly} winds, and fair weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The southern depression will continue to move in a south-westerly or southerly direction over the Bay of Biscay, and the northern anticyclone will extend further to the southward. A gradual improvement in the weather is likely to take place over England, with a general fall of temperature.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

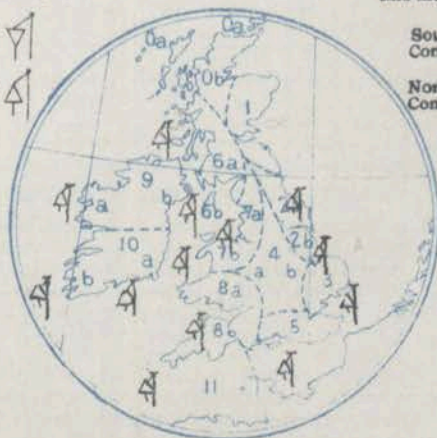
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



* If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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. °			
Oban, to 6 p.m. ...	40	26	b.c.	2.5	-	Brighton, to 6 p.m. ...	48	42	#	0.0	0.47
Dublin (City), to 4 p.m.						Seaford, to 6 p.m. ...	47	40	b.c. or	0.5	0.46
Blackpool, to 9 p.m. ...	42	33	o	0.0	-	Eastbourne, to 6 p.m. ...	46	41	#	0.0	0.88
Southport, to 9 p.m. ...	42	35	c.r. b.c. r	0.0	0.09	Bexhill-on-Sea, to 9 p.m.	46	41	o g r	0.0	#
Rhyl, to 6 p.m. ...						Hastings ...	#	#	#	0.0	0.67
Colwyn Bay, to 6 p.m. ...	43	40	o. p	0.0	0.15	Folkestone, to 6 p.m. ...	44	40	r. c. or	0.0	0.96
Llandudno, to 9 p.m. ...	43	39	b.c. or	0.0	0.13	Deal, to 6 p.m. ...	44	41	o g r	0.0	0.74
Bettws-y-Coed, to 6 p.m.	40	32	c	0.0	*	Ramsgate, to 6 p.m. ...	#	#	#	0.0	0.56
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	44	41	#	0.0	0.75
Aberystwyth, to 6 p.m.	43	36		0.0	6.05	Felixstowe, to 6 p.m. ...	44	34	#	0.0	0.71
Plymouth, to 9 p.m. ...	45	36	o p. o. or	0.0	0.13	Lowestoft, to 6 p.m. ...	43	41	o r	0.0	0.39
Paignton, to 6 p.m. ...	46	37		0.0	0.97	Skegness, to 6 p.m. ...	43	40	c. r	0.0	0.63
Torquay, to 6 p.m. ...	46	38	#	0.0	0.52	Scarborough, to 9 p.m. ...	7	42	o g	0.0	0.44
Teignmouth, to 9 p.m. ...	46	38	r	0.0	0.80	Harrogate, to 6 p.m. ...	41	35	b.c. c. o p or	0.0	-
Weymouth, to 6 p.m. ...	45	38		0.0	0.50	Buxton, to 6 p.m. ...	38	26	c. b. or	0.2	0.05
Bournemouth, to 6 p.m. ...	45	37	or	0.0	0.40	Darwen, to 9 p.m. ...	40	34	b.c. or. ou	0.0	
Southsea, to 6 p.m. ...	46	39	#	0.0	0.22	Manchester, to 9 p.m. ...					0.37
Rognor, to 6 p.m. ...	46	42	o. or	0.0	0.16	Birmingham, to 9 p.m. ...	41	36	r	0.0	
Worthing, to 6 p.m. ...	46	39	o. or	0.0	0.25						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga <i>1st Dec.....1910</i>	0	0		Ins.	Utrecht <i>1st Dec.....1910</i>	0	0		Ins.
Marseilles	61	45	c. b	1.46	Groningen	39	37	r. o	0.24
Malta	59	46	r. r	-	Zurich	39	37	o. o	-
Algiers... ..	73	60	b	-	Geneva	*	*	b. m	-
Tunis	63	50	r. r	0.79	Lugano	*	*	o. o	0.59
Palermo	75	48	b. f	0.12	Berne <i>30th Nov. 1910</i>	2	2	r. r	Measured 7.30 a.m.
Naples... ..	64	46	bc. b	-	Coire	1.30 p.m. 39	*	1.30 p.m. o	-
Brindisi	59	34	r. o	0.43	Castasegna	65	*	o	-
Rome	58	43	r. r	0.08	Davos	11	*	r	-
Vienna... ..	55	51	o. o	0.08		41	4	o	-
St. Petersburg	36	35	f. f	-					
	27	18	b. b	-					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Direc.	Force.		Air.		Sea			Lat.	Long.		Direc.	Force.	
							Dry Bulb.	Wet Bulb.									
	0	0	Ins.				0	0	0			0	0	Ins.			
<u>St Paul</u> { 7 th Nov. 4am	48N	28W	30.02	SE	4.5	-	-	-	-	-							
" " 7am	48N	29W	30.01	SE	4.5	b	-	-	-	-							
<u>Island</u> { 29 th " 3pm	49N	29W	29.94	SE	4.5	-	-	-	-	-							
" " 6pm	49N	30W	29.84	SE	6.7	r	-	-	-	-							
<u>Finland</u> { 29 th " 5pm	49N	28W	29.92	SE	4.5	-	-	-	-	-							
	" 6pm	49N	29W	29.92	SE	4.5	0	-	-	-							
	" 8 th " 4am	49N	28W	29.94	SE	4.5	-	-	-	-							
	" 7am	49N	28W	29.92	SE	6.7	r	-	-	-							
	" 3pm	49N	29W	29.98	SE	4.5	-	-	-	-							
	" 6pm	49N	29W	29.98	SE	4.5	c	-	-	-							
	1 st Dec. 4am	49N	29W	30.07	G	4.5	-	-	-	-							
	" 7am	49N	29W	30.06	ENE	4.5	bc	-	-	-							
<u>Island</u> { 1 st " 4am	51N	25W	30.16	E	4.5	-	-	-	-	-							
" " 7am	51N	26W	30.12	E	4.5	b	-	-	-	-							
" " 3pm	51N	26W	30.07	ENE	4.5	-	-	-	-	-							
" " 6pm	51N	27W	30.04	ENE	4.5	c	-	-	-	-							

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

* Information for these columns is not usually received.

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

Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON.

W. N. SHAW (*Director*).

(Revised Issue.)

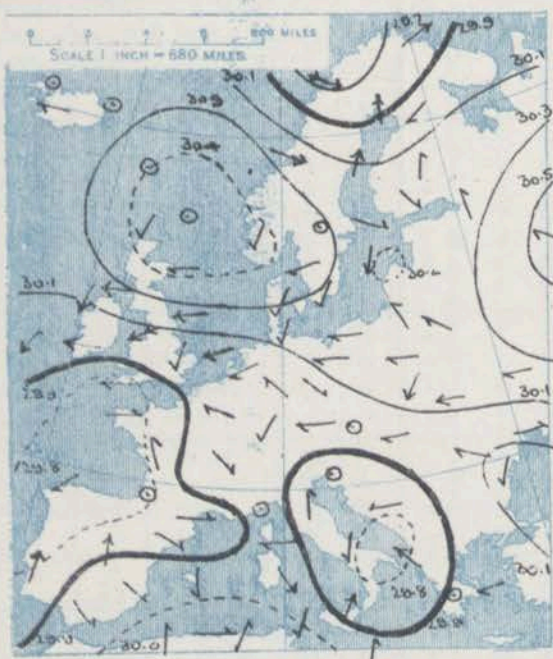
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday
3rd December, 1910.

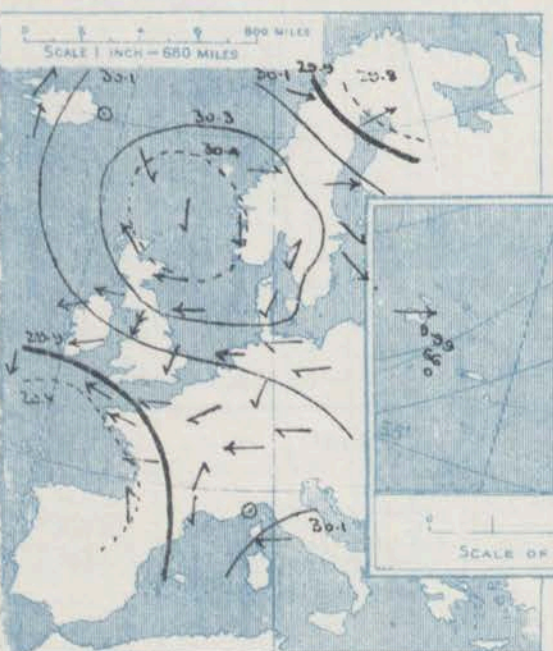
WEATHER REPORT OF THE METEOROLOGICAL OFFICE.																				30 December, 1910.	
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.		Temperature.			Wind.		Sea	Temp.		Weather.	Sun.	Rainfall.		
							At 38° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force		Max.	Min.					
		Ins.	Dry Bulb.	Dir.	(0 to 19).		Ins.	Ins.	°	°	°	Dir.	Force	(0 to 19).		°	°		Hours.	Inch.	
SCANDINAVIA.																					
Haparanda...		29.77	25	WSW	6	b	29.82	-0.05	19	19	-7	NW	2	0	*	30	-4	*	*	*	
Hernösand...		30.12	27	W	4	b	30.18	+0.04	23	23	-2	2	0	b	*	32	18	*	*	*	
Stockholm...		30.34	27	NW	2	b	30.26	+0.01	22	21	-5	NW	2	b	*	30	22	*	*	*	
Wishby...		30.19	35	NW	4	bc	30.20	-0.01	33	30	-4	NW	2	bc	*	41	23	*	*	*	
Karlstad...		30.34	23	N	2	b	30.36	+0.05	19	19	-4	N	2	b	*	30	23	*	*	*	
Färder (X'anta Fjord)		30.35	31	N	2	m	30.40	+0.08	27	27	-3	N	1	m	1	32	27	*	*	*	
Bodö...		30.04	28	WNW	6	c	30.14	+0.51	29	26	-4	WNW	5	bc	2	34	28	*	*	*	
Christiansund...		30.37	34	WNW	3	c	30.35	+0.10	37	36	-2	W	1	s	3	39	34	*	*	0.12	
Skudesnaes...		30.40	35	N	2	b	30.38	-0.03	30	29	-1	2	0	b	1	36	30	c. b	*	*	
ICELAND & FAEROE.																					
Isafjord...		29.97	38	SW	2	r	29.80	-0.32	40	*	+12	SW	2	c	*	*	*	*	*	*	
Reykjavik...		30.08	43	SE	2	o	29.94	-0.18	40	*	-1	SE	2	b	*	*	*	*	*	*	
Seydisfjord...		30.17	38	2	0	bc	30.03	-0.23	41	*	+9	SW	1	c	*	*	*	*	*	*	
Thorshavn...		30.43	39	NW	2	o	30.31	-0.09	35	*	-4	SSE	2	c	*	*	*	*	*	*	
BRITISH ISLANDS.																					
Sumburgh Head		30.45	37	N	2	o	30.26	-0.11	37	36	-1	NE	1	b	1	45	33	bc. o	*	*	
Stornoway...		30.40	37	SE	4	b	30.23	-0.20	38	36	+1	SE	3	b	3	40	35	b	4.2	*	
Castlebay (Barra Id.)		30.33	41	ENE	4	bc	30.16	-0.20	42	39	+2	ESE	4	c	4	43	38	b. bc	6.0	*	
Malin Head		30.21	43	E	5	og	30.02	-0.17	41	40	-1	ESE	7	og	4	45	40	bc. og	*	*	
Blacksod Pt.		30.10	43	ENE	6	og	29.90	-0.16	42	41	-1	ENE	5	og	4	43	38	og. og	*	*	
Valencia		29.93	43	ENE	4	og	29.77	-0.19	46	43	+5	E	3	c	4	48	41	og. og. cp	0.0	0.03	
Roche's Point		29.94	46	E	4	og	29.82	-0.11	46	45	+3	E	4	o	4	46	42	og. og	*	0.07	
Birr Castle		30.03	42	NE	6	r	29.89	-0.11	40	39	-2	ENE	3	og	*	43	38	og. r	0.0	0.02	
Donaghadee		30.21	43	NE	8	c	30.07	-0.13	42	40	-1	NE	8	o	6	45	42	bc. c. bc. o	*	*	
Liverpool Obsy...		30.12	40	ENE	6	o	30.02	-0.07	40	37	-1	ENE	5	o	3	42	38	og	0.0	0.02	
Holyhead		30.07	43	NE	8	o	29.96	-0.10	41	40	-2	NE	6	o	5	43	40	og. og	*	0.02	
Pembroke (St. Ann's Hd.)		29.96	41	E	4	o	29.85	-0.05	40	39	-3	E	4	og. og	3	45	38	og. og. cp	0.0	*	
Scilly (St. Mary's)		29.81	49	ESE	5	og. og	29.71	-0.01	47	45	+1	ESE	5	og. og	4	50	44	og. og. cp	0.1	0.20	
Jersey (St. Aubins)		29.44	46	E	3	og. og	29.80	-0.03	44	43	-3	ENE	5	og. og	4	49	40	og. og. cp	0.5	0.02	
Portland Bill		29.92	46	ENE	6	c	29.83	+0.01	44	44	-4	ENE	6	o	5	43	42	c. og	0.0	*	
Dungeness		29.98	44	ENE	4	o	29.91	-0.00	41	40	-4	E	3	o	4	44	40	og. og	0.0	0.12	
Dover		"	"	"	"	"	29.95	-0.03	39	39	-3	E	4	r	4	44	38	og. og	0.0	0.12	
Wick		30.44	40	E	2	c	30.27	-0.14	42	38	+4	ESE	3	bc	2	42	37	"	*	0.03	
Nairn		30.40	36	2	0	o	30.28	-0.13	32	31	-4	2	0	bc	1	38	31	c. bc	0.0	0.01	
Aberdeen		30.42	41	E	4	c	30.27	-0.14	43	40	+2	ESE	4	c	3	43	40	c. og. cp	0.0	*	
Leith		30.35	41	ENE	4	c	30.19	-0.12	40	38	-3	SE	1	b	*	44	40	c. o	*	*	
North Shields		30.30	42	E	4	c	30.18	-0.09	42	40	-1	E	4	c	5	44	39	"	0.7	*	
Spurn Head		30.13	43	ENE	7	o	30.06	-0.04	41	37	-3	ENE	8	c	6	44	40	og. og	*	0.16	
Yarmouth		30.10	43	E	4	o	30.05	-0.02	41	38	-1	E	6	o	5	43	41	og. og	0.0	0.17	
Clacton-on-Sea		30.06	41	NE	4	r	29.99	-0.00	41	40	-1	NE	4	r	4	43	38	og. d	0.0	0.70	
Nottingham		30.10	41	E	4	r	30.03	-0.04	40	39	-1	E	6	o	*	42	39	"	0.0	0.64	
Bath		29.99	39	E	3	o	29.90	-0.04	39	38	-4	NE	4	o	*	43	37	"	0.0	0.02	
Oxford		30.07	38	ENE	3	r	29.96	-0.04	39	38	-3	E	2	o	*	42	36	"	0.0	0.35	
London (St. James's Pk.)		30.03	42	NE	4	o	29.95	-0.02	40	40	-3	E	2	od	*	47	39	og. og. cp	0.0	0.22	
GERMANY, &c.																					
The Scaw (Skagen)		30.31	38	NE	1	b	30.29	+0.07	35	32	+1	ESE	1	b	0	38	34	"	*	*	
Fanø		30.33	30	NE	1	b	30.33	+0.03	28	27	-2	NE	1	b	*	34	27	"	*	*	
Cuxhaven		30.26	35	E	3	o	30.26	+0.07	34	34	-4	E	3	o	*	39	22	"	*	*	
The Helder		30.17	40	3	5	o	30.13	+0.01	35	34	-4	E	5	o	3	39	35	"	*	*	
Brussels		"	"	"	"	"	29.99	+0.01	37	37	-1	ENE	1	o	*	39	35	"	*	*	
Berlin		30.19	33	E	3	o	30.25	+0.12	32	32	-2	E	2	o	*	36	32	"	*	0.67	
Frankfurt		30.04	39	NE	2	o	30.03	+0.04	40	35	+3	E	3	m	*	40	36	"	*	*	
Munich		30.06	23	E	3	f	30.10	+0.07	23	100	+1	E	2	f	*	34	32	"	*	0.04	
FRANCE.																					
C. Gris Nez		29.99	40	E	8	o	29.95	-0.00	38	37	-2	E	4	f	4	43	27	"	*	*	
La Hève		29.98	39	E	4	m	29.86	-0.02	41	38	+4	E	4	o	3	41	37	"	*	*	
Brest		29.83	48	ESE	4	c	29.76	+0.03	39	38	-9	E	2	m	5	50	36	"	*	0.04	
Lorient		29.82	46	NE	4	b	29.69	-0.03	42	42	"	ENE	4	o	3	52	39	"	*	*	
Rochefort		29.81	48	E	3	o	29.68	-0.15	48	46	+4	ESE	4	r	*	50	43	"	*	0.24	
Biarritz		29.79	56	SSE	2	o	29.67	-0.11	54	50	+4	SSE	3	r	2	59	50	"	*	0.28	
Paris		29.98	41	NE	1	o	29.90	-0.03	38	38	+3	E	3	o	*	46	23	"	*	*	
Belfort		30.00	36	E	4	f	29.95	-0.05	26	26	-1	E	5	f	*	42	33	"	*	*	
Lyons		29.93	43	SW	1	b	29.91	-0.05	41	39	+2	N	1	c	*	48	27	"	*	*	
Nice		29.99	46	2	0	bc	30.02	+0.11	46	42	-1	2	0	e	3	54	43	"	*	*	
Perpignan		29.91	46	N	1	b	29.81	-0.06	44	44	+5	SW	1	o	*	55	39	"	*	*	
Sanguinaire		30.10	53	E	2	b	30.08	+0.09	52	50	+1	E	3	m	2	55	48	"	*	*	
SPAIN & PORTUGAL.																					
Corunna		29.70	50	ENE	3	o	29.78	-0.00	48	46	-2	NW	1	o	3	52	45	"	*	0.04	
Lisbon		29.70	57	3	4	o	29.72	-0.07	56	56	-3										

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

7 A.M. YESTERDAY.

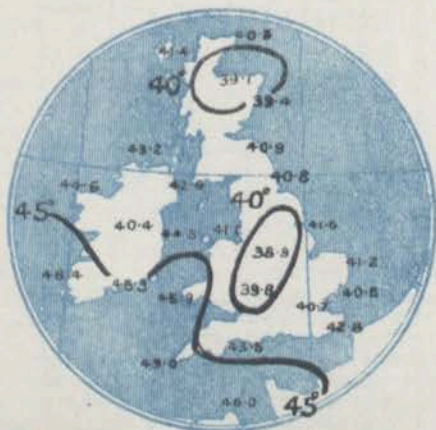


6 P.M. YESTERDAY



AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD
NOVEMBER-DECEMBER.

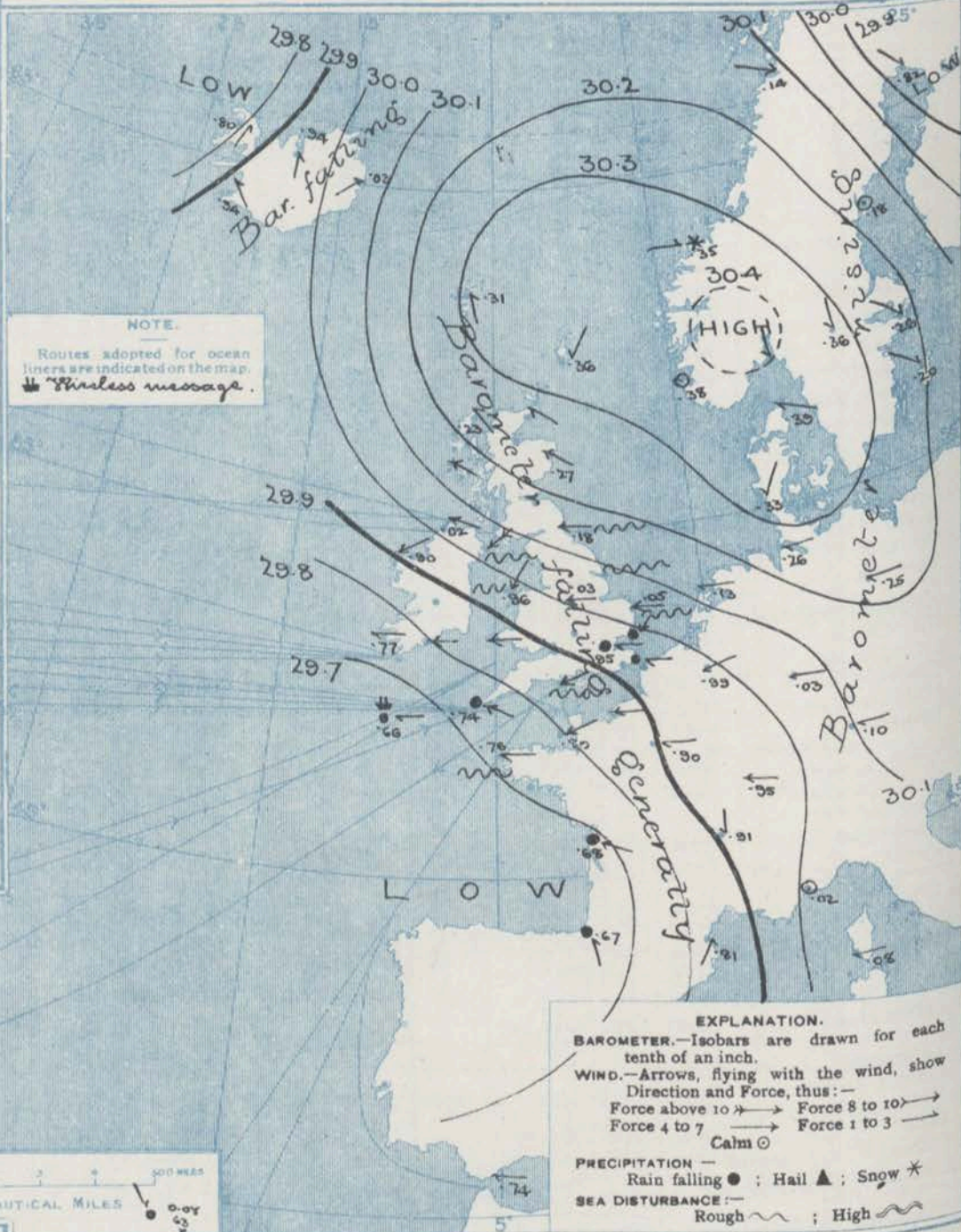
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Saturday,

WEATHER 3rd Dec^r

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



NOTE.

Routes adopted for ocean
liners are indicated on the map.
Wireless message.

EXPLANATION.

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

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

PRECIPITATION —
Rain falling ● ; Hail ▲ ; Snow *

SEA DISTURBANCE:—
Rough ~ ; High ~

NOTES ON THE GENERAL SITUATION AT 7 A.M.

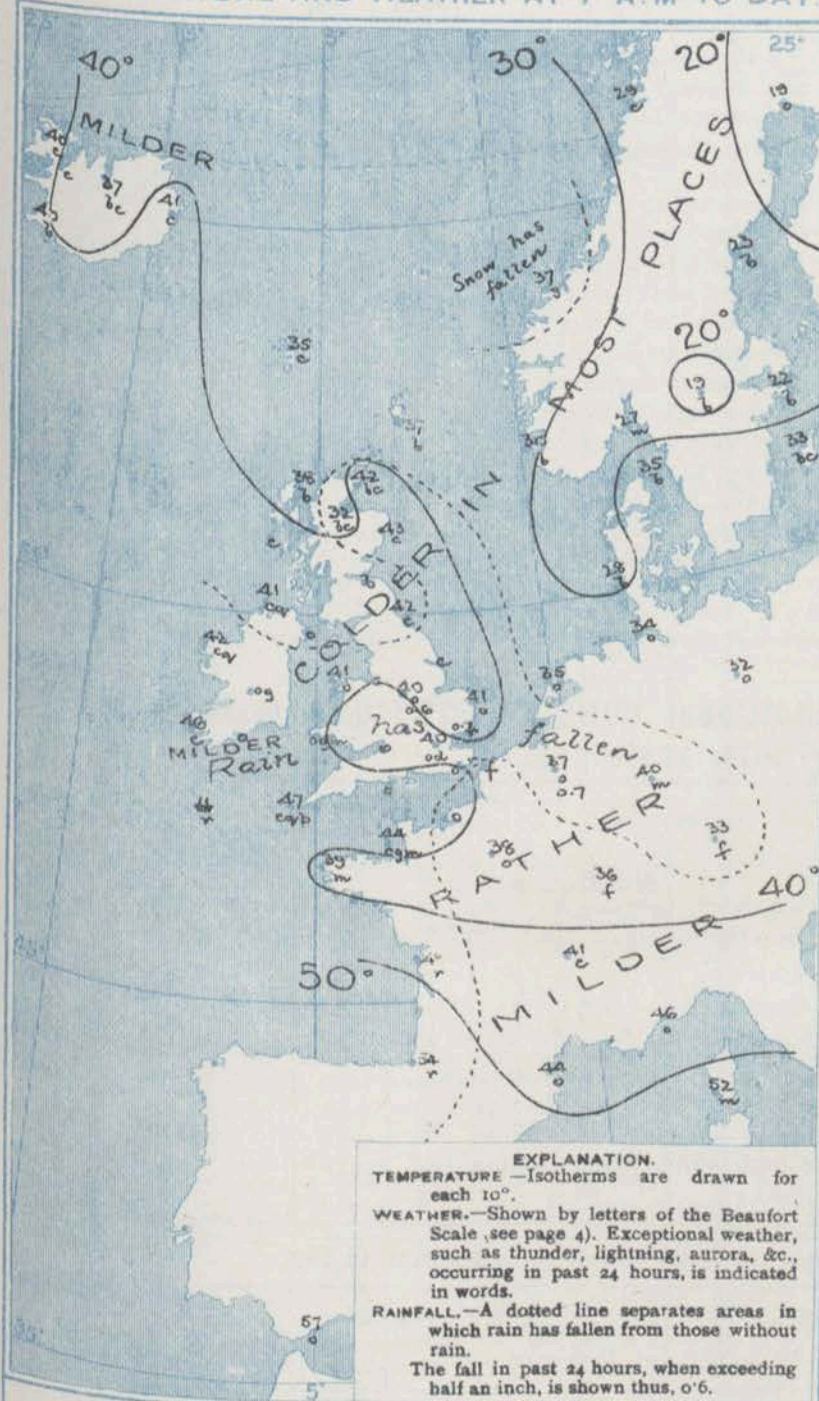
The general distribution of pressure remains unchanged. The
barometer is highest in a large anticyclone which lies over Denmark, the south of
Scandinavia and the Shetland-Lænder region, and lowest in a depression over the Bay of
Biscay, Spain and the south-west of France. The latter system is apparently extending
northwards, and the barometer is falling over western Europe generally.

6.40 on N.E. winds continue to prevail over the whole of England,
Ireland and the neighbouring portions of the Continent, and blow with the force of a gale
on some of the more exposed parts of our north-east and north-west coasts.
Scotland the wind draws into S.E. while in Ireland it is S.W. or S.W.S.
Temperature has risen a little in France, but fallen in most other countries. Over the
United Kingdom the morning readings range as a rule a little on either side of 40°.
but at N. in the thermometer stands at the freezing point. Slight frost prevails in
several parts of Norway, Denmark and Germany, and sharp frost in Sweden.
The weather is fair or fine in Scotland and on the eastern side of the North Sea, but
cloudy or dull elsewhere. Rain is still falling at a few of our own southern stations,
and snow at Christiansund. The sea is rough or rather rough on
several of the more exposed parts of the English and Irish coasts.

CHARTS 3rd December, 1910.

WEATHER PROSPECTS.

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



FORECASTS FOR THE 24 HOURS NOON Saturday TO NOON Sunday

THE FURTHER OUTLOOK

- 0 { E. and S.E. winds, light or moderate; fair, cold, frost inland to-night.
- 1 { E. and S.E. winds, moderate or fresh; fair at first, some rain later. Remaining cold.
- 2 { E. winds, strong or high on coast; cold, dull, occasional rain.
- 3 { E. winds, moderate or fresh; cold, dull, occasional rain.
- 4 { E. winds, moderate inland, strong on coast; cold, dull, misty, occasional rain.
- 5 { Same as No. 0.
- 6 { N.E. to E. winds, strong or high on coast; cold, dull, occasional rain.
- 7 { Same as No. 5.
- 8 { Same as No. 7.
- 9 { E. winds, freshening; cold, dull, occasional rain.

Cold.

Damp

weather

will

continue.

II WESTERN CHANNEL AND BAY

Fresh E. and N.E. winds, and a moderate or rather rough sea; cloudy, occasional rain. Rather cold.

NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 45° and upwards at most of our south coast stations, and to 50° at Selsey; in some parts of North Britain it did not reach 40°. Over the United Kingdom generally there was an intense absence of bright sunshine, but at Stornoway and Oban more than 4 hours were recorded, and at Castlebay as many as 6 hours. Considerable quantities of rain have again fallen in many parts of England. Wireless reports show that as far west as the 20th meridian ships experienced moderate to fresh winds from between N. and E., and variable weather, with rain in places.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The low pressure system over the Bay of Biscay is likely to spread northwards, and to occasion further falls of rain in most parts of England and Ireland. The easterly wind will continue to blow with considerable strength on several of the more exposed parts of our coasts, and temperature will remain low generally.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

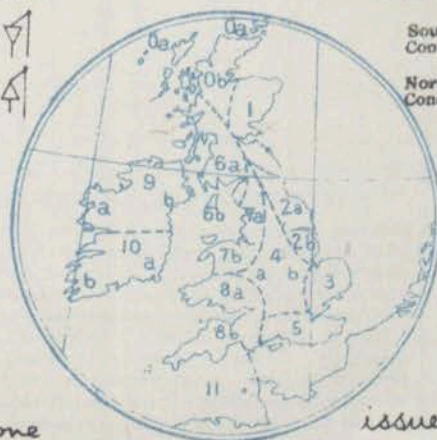
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

issued.

* If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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.			
Oban, to 6 p.m. ...	43	28	b	4.5	-	Brighton, to 6 p.m. ...	46	44	s	0.0	0.03
Dublin (City), to 4 p.m.	44	41	ogry	2	0.78	Seaford, to 6 p.m. ...	46	42	o. r.	0.0	0.02
Blackpool, to 9 p.m. ...	44	38	o	0.0	-	Eastbourne, to 6 p.m. ...	43	43	s	0.0	-
Southport, to 9 p.m. ...	42	40	o. r.	0.0	0.04	Bexhill-on-Sea, to 9 p.m.	46	43	og. r.	0.0	0.04
Rhyl, to 6 p.m. ...	42	39	o	0.0	0.53	Hastings ...	4	8	s	0.0	0.03
Colwyn Bay, to 6 p.m. ...	43	40	o	0.0	0.27	Folkestone, to 6 p.m. ...	44	40	o	0.0	0.03
Llandudno, to 9 p.m. ...	42	40	o. r.	0.0	0.26	Deal, to 6 p.m. ...	45	41	og. r.	0.0	0.01
Bettws-y-Coed, to 6 p.m.	40	36	r	0.0	0.0	Ramsgate, to 6 p.m. ...	4	8	s	0.0	0.51
Towyn, to 6 p.m. ...	44	39	s	0.2	-	Margate, to 6 p.m. ...	44	40	r	0.0	0.50
Aberystwyth, to 6 p.m. ...	44	39	s	0.2	-	Felixstowe, to 6 p.m. ...	42	40	s	0.0	0.41
Plymouth, to 9 p.m. ...	48	39	o. r. p.	0.0	0.39	Lowestoft, to 6 p.m. ...	44	40	o	0.0	0.42
Paignton, to 6 p.m. ...	48	40	s	0.0	0.34	Skegness, to 6 p.m. ...	44	42	r. o. r.	0.0	-
Torquay, to 6 p.m. ...	47	40	r	0.0	0.36	Scarborough, to 9 p.m.	7	41	og	0.0	0.31
Teignmouth, to 9 p.m. ...	47	40	r	0.0	0.36	Harrogate, to 6 p.m. ...	40	38	o. r.	0.0	-
Weymouth, to 6 p.m. ...	46	40	r. o. c.	0.0	0.11	Buxton, to 6 p.m. ...	39	35	o. r. o. u.	0.0	0.02
Bournemouth, to 6 p.m. ...	46	42	o	0.0	-	Darwen, to 9 p.m. ...	39	35	o. r. o. u.	0.0	0.02
Southsea, to 6 p.m. ...	45	43	s	0.0	0.04	Manchester, to 9 p.m. ...	39	35	o. r. o. u.	0.0	0.02
Bognor, to 6 p.m. ...	46	45	o	0.0	0.03	Birmingham, to 9 p.m. ...	39	35	o. r. o. u.	0.0	0.02
Worthing, to 6 p.m. ...	45	43	o. c. o.	0.0	0.02						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 2nd Dec. 1910	59	39	c. b	Ins.	Utrecht ... 2nd Dec. 1910	41	37	r. o	0.52
Marseilles ...	54	37	b. c	-	Groningen ...	41	39	o. o	-
Malta ...	72	56	b. c	-	Zurich ...	4	8	m. m	-
Algiers ...	61	52	e. b	0.04	Geneva ...	4	8	o. o	-
Tunis ...	64	48	o. o	-	Lugano ...	4	8	o. o	0.28
Palermo ...	64	49	b. o	0.55	Berne ... 1st Dec. 1910	41	37	o	Measured 7.30 a.m.
Naples ...	60	50	o. o	0.99	Coire ...	41	37	o	-
Brindisi ...	59	51	r. r	0.67	Castasegna ...	45	41	r	-
Rome ...	58	48	r. b. c	0.12	Davos ...	45	41	b	-
Vienna ...	56	36	f	0.51					
St. Petersburg ...	25	16	s. s	0.04					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
Janet ...	51N	13W	29.99	NE	6.7	-	0	0	0	-		0	0	Ins.			
St. Louis ...	51N	14W	30.00	NE	4.5	o	-	-	-	-		0	0	Ins.			
	49N	22W	29.98	ESE	4.5	-	-	-	-	-		0	0	Ins.			
	49N	20W	29.99	ESE	4.5	-	-	-	-	-		0	0	Ins.			
	49N	18W	29.92	ESE	1.3	-	-	-	-	-		0	0	Ins.			
	49N	14W	29.82	N	4.5	r	-	-	-	-		0	0	Ins.			
	49N	10W	29.66	ESE	1.3	-	-	-	-	-		0	0	Ins.			
	49N	9W	29.66	E	1.3	r	-	-	-	-		0	0	Ins.			

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. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,

LONDON, S.W.

W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday
4th December, 1910.Rainfall
Ins.0.03
0.02

0.04

0.03
0.01

0.01

0.05
0.05

0.01

0.02

0.02

0.02

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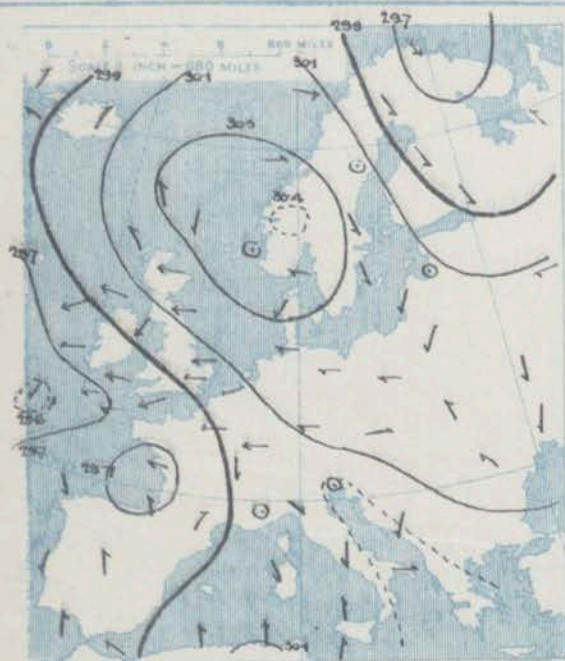
0.02

REPORT OF THE METEOROLOGICAL OFFICE.																				4th December, 1910.	
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 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Dry Bulb.		Dirac.	Force (0 to 12).	At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dirac.	Force (0 to 12).				Max.	Min.
		Ins.					Ins.	Ins.													
SCANDINAVIA.	Haparanda...	30.06	9	NW	2	b	29.96	+1.14	13	12	-6	SE	2	0	27	9					
	Hernösand...	30.27	16		0	b	30.12	-0.06	20	20	-3		0	6	28	16					
	Stockholm...	30.30	23	NE	2	b	30.28	+0.02	23	22	+1	WSW	2	6	28	21					
	Wisby...	30.27	33	NW	6	b	30.27	+0.07	33	32	0	N	4	6	32	28					
	Karlstad...	30.37	18		0	b	30.31	-0.05	14	16	-3		0	6							
	Färder (X'ania Fjord)	30.37	30	E	1	m	30.30	-0.10	26	26	-1	N	2	f	30	25					
ICELAND & FAEROE	Bodö...	30.06	31	NW	1	o	29.88	-0.26	39	37	+10	WSW	6	e	?	28			0.08		
	Christiansund...	30.26	38	WSW	3	o	30.19	-0.16	36	33	-1	S	1	b	39	34			0.12		
	Skudesnaes...	30.35	35		0	b	30.14	-0.24	35	31	+5	SE	4	b	37	30					
	Isafjord...	29.74	41	SW	4	o	29.62	-0.18	36	*	-4	SW	2	o	*	*					
BRITISH ISLANDS.	Reykjavik...	29.79	40	SE	1	c	29.59	-0.25	40	*	0	E	3	c	*	*					
	Seydisfjord...	29.88	34		0	b	29.75	-0.28	30	*	-4		0	b	*	*					
	Thorshavn...	30.14	38		2	c	29.86	-0.45	41	*	+6	S	6	c	*	*					
	Sumburgh Head	30.21	40	SSE	2	o	29.94	-0.42	39	37	+2	ESE	5	c	5	44	36	o			
	Stornoway...	30.01	40	ESE	4	b	29.68	-0.55	41	38	+3	SSE	4	cq	4	43	38	bq, bc, cq, c, eg, o	4.3		
	Castlebay (Barra Id.)	29.93	44	ESE	5	cq	29.60	-0.56	42	39	0	E	4	o	6	45	40		5.4		
	Malin Head...	29.81	40	ESE	7	eg	29.51	-0.51	40	40	-1	SE	4	o	3	42	38	bc, eg, omg			
	Blacksod Pt.	29.70	42	ESE	5	eg	29.45	-0.45	40	39	-2	ENE	2	c	2	42	38	eg, opq, bq, c, o, bc			
	Valencia...	29.56	45	ESE	4	o	29.34	-0.43	45	41	-1	E	4	bc	4	48	44		0.1		
	Roche's Point...	29.63	47	SE	5	eg	29.40	-0.42	44	41	-2	ENE	4	o	4	47	43	g, op, c, o	0.18		
GERMANY, & C.	Birr Castle...	29.69	41	SSE	2	r	29.42	-0.47	38	37	-2		0	o	4	43	36	ow, o	0.0		
	Donaghadee...	29.86	42	ENE	7	o	29.53	-0.54	40	40	-2	ESE	5	r	4	43	40	c, eg, or	0.05		
	Liverpool Obsy...	29.83	38	E	4	o	29.45	-0.57	35	35	-5	ENE	2	r	1	40	34	og, or	0.0		
	Holyhead...	29.77	39	ENE	5	omv	29.44	-0.52	38	37	-3	ENE	4	ogm	3	41	37	omv, omv	0.01		
	Pembroke (St. Ann's Hd.)	29.66	41	ESE	5	o	29.42	-0.43	39	38	-1	ENE	2	og	1	42	36	ogm	0.0		
	Scilly (St. Mary's)	29.57	46	E	4	omv	29.34	-0.40	46	45	-1	SE	3	bcn	4	51	44	opq, omv	5.4		
	Jersey (St. Aubins)	29.57	42	E	5	omv	29.49	-0.31	45	45	+1	SSW	3	ogm	3	45	41	omv, opm	0.0		
	Portland Bill...	29.60	42	ENE	7	r	29.43	-0.40	43	42	-1		0	e	4	45	39	or, omv	0.0		
	Dungeness...	29.69	42	E	5	o	29.46	-0.45	48	47	+7	SSW	5	c	5	49	40	o, or, c	0.0		
	Dover...		*	*	*	*		29.52	-0.43	47	44	+8	SSW	5	c	4	47	38	d, op, c	0.0	
FRANCE.	Wick...	30.07	42	SE	4	o	29.79	-0.48	41	38	-1	SE	5	o	5	43	38		0.05		
	Nairn...	30.03	37	ESE	1	b	29.70	-0.58	39	37	+7	ESE	2	o	1	40	31	b, c, bc	0.0		
	Aberdeen...	30.08	42	SE	5	o	29.73	-0.54	41	39	-2	ESE	6	o	5	44	40	c, bc, opq	0.0		
	Leith...	29.97	40	SE	5	r	29.60	-0.59	39	38	-1	SE	1	r	4	43	38	bc, op, o	0.02		
	North Shields	29.99	41	E	6	o	29.57	-0.61	40	40	-2	E	7	r	6	44	36	c, o	0.5		
	Spurn Head...	? 29.94	40	ENE	7	rg	29.44	-0.62	43	43	+2	ESE	7	rg	6	44	37	crq, og, og	0.34		
	Yarmouth...	29.87	41	ESE	6	o	29.48	-0.57	44	44	+3	SE	3	omv	4	44	39	cq, or, f	0.0		
	Clacton-on-Sea...	29.77	42	ENE	5	o	29.47	-0.52	44	43	+3	S	2	c	3	45	40	ogd, or	0.13		
	Nottingham...	29.84	39	E	4	o	29.46	-0.57	40	40	0	E	1	o		41	37	o, od, or	0.0		
	Bath...	29.71	44	NE	2	o	29.43	-0.47	37	36	-2	W	1	o		43	36		0.6		
SPAIN & PORTUGAL.	Oxford...	29.69	39	ENE	4	r	29.46	-0.50	40	40	+1		0	ogm		40	38	r	0.47		
	London (St. James's Pk)	29.74	42	ENE	4	o	29.45	-0.50	45	44	+5	SSW	1	ce		45	40	od, o, or	0.0		
	The Scaw (Skagen)	30.37	34	2	0	b	30.26	-0.13	34	32	-1	SE	2	o	0	36	32				
	Fanö...	30.23	27	E	4	b	30.03	-0.30	32	30	+4	E	6	b		32	27				
	Cuxhaven†...	30.21	35	E	4	b	29.96	-0.30	30	24	-4	SE	2	o		37	28				
	The Helder...	29.97	35	E	4	o	29.67	-0.46	35	34	0	ESE	5	r	3	36	34		0.16		
	Brussels...		*	*	*	*	29.61	-0.38	46	45	+9	SSE	3			46	36		0.24		
	Berlin†...	30.26	30	SE	2	b	30.15	-0.10	26	26	-6	SE	4	b		34	25				
	Frankfurt†...	29.96	40	SE	3	o	29.85	-0.18	39	38	-1	NE	1	r		41	37		0.04		
	Munich†...	30.03	32	E	5	o	29.99	-0.11	31	100	-2	SE	4	f		34	24				
PORTUGAL & AZORES.	C. Gris Nez...	29.73	40	E	4	m	29.52	-0.43	45	44	+7	SSW	3	bc	5	43	39		0.39		
	La Hève...	29.56	39	E	5	r	29.41	-0.25	41	38	0	S	2	b	2	41	37		0.49		
	Brest...	29.60	45	W	1	m	29.41	-0.35	47	46	+8	ESE	4	c	3	47	45		0.04		
	Lorient...	29.56	45	NE	1	o	29.43	-0.35	48	48	+8	SSE	3	r	2	50	43		0.20		
	Rochefort...	29.61	53	WSW	3	o	29.50	-0.18	51	49	+3	SSE	3	o		52	43		0.39		
	Biarritz...	29.69	59	SSW	4	o	? 29.57	-0.10	58	50	+4	? SSE	4	b	2	59	48		0.24		
	Paris...	29.67	45	ESE	3	r	29.63	-0.27	46	46	+8	S	2	o		49	37		0.28		
	Belfort...	29.93	40	E	4	m	29.86	-0.09	38	37	+2	E	5	o		41	37		0.04		
	Lyons...	29.80	53	SSW	1	o	29.78	-0.13	50	46	+9	S	3	c		? 53	48				
	Nice...	30.02	45	2	0	r	29.96	-0.06	51	47	+5	E	5	o		50	45		0.08		
Perpignan...	29.78	57	S	5	bc	29.69	-0.12	53	52	+9	S	2	o		64	? 44					
PORTUGAL & AZORES.	Sanguinaire...																				
	Corunna...																				
	Lisbon...	29.73	55	NW	3	b	29.58	-0.14	62	58	+6	SSW	4	c		? 62	54		0.47		
	Gibraltar...	29.70	55	E	1	o	29.68	-0.06	57	56	0	SE	2	or		*	*		0.40		
PORTUGAL & AZORES.	Azores (P. Delgada)...	29.76	66	WSW	4	o	29.78	-0.20	66	64	+1	W	4	m	5	? 66	64		0.04		
	" Horta...	29.82	67	WSW	5	o	29.75	-0.24	67	65	+1	W	5	o	5	68	66		0.04		
	Madeira (Puncha)...	29.93	66	NW	4	bc	29.87	-0.21	67	59	+4	NW	4	bc	4	70	55				

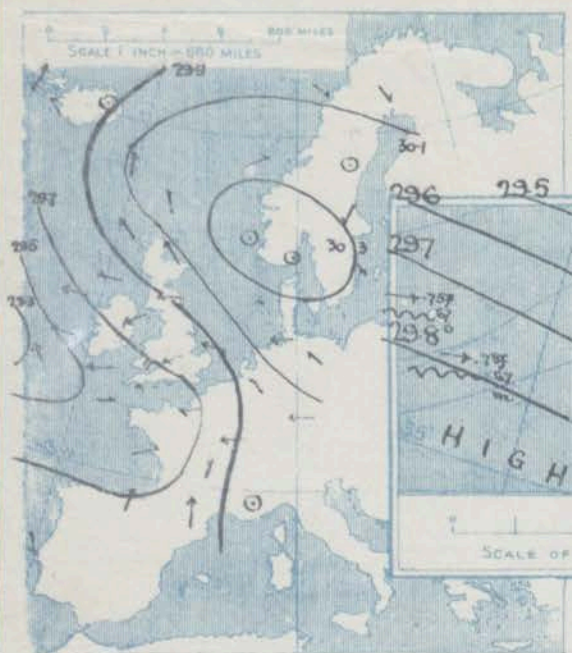
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

7 A.M. YESTERDAY

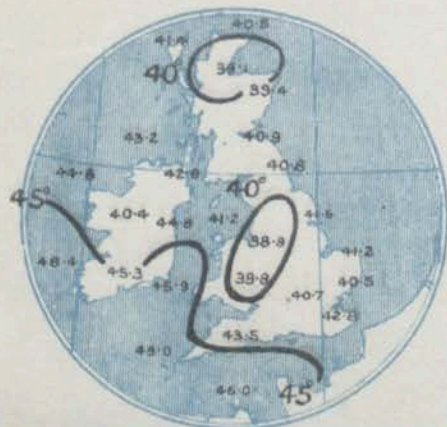


6 P.M. YESTERDAY



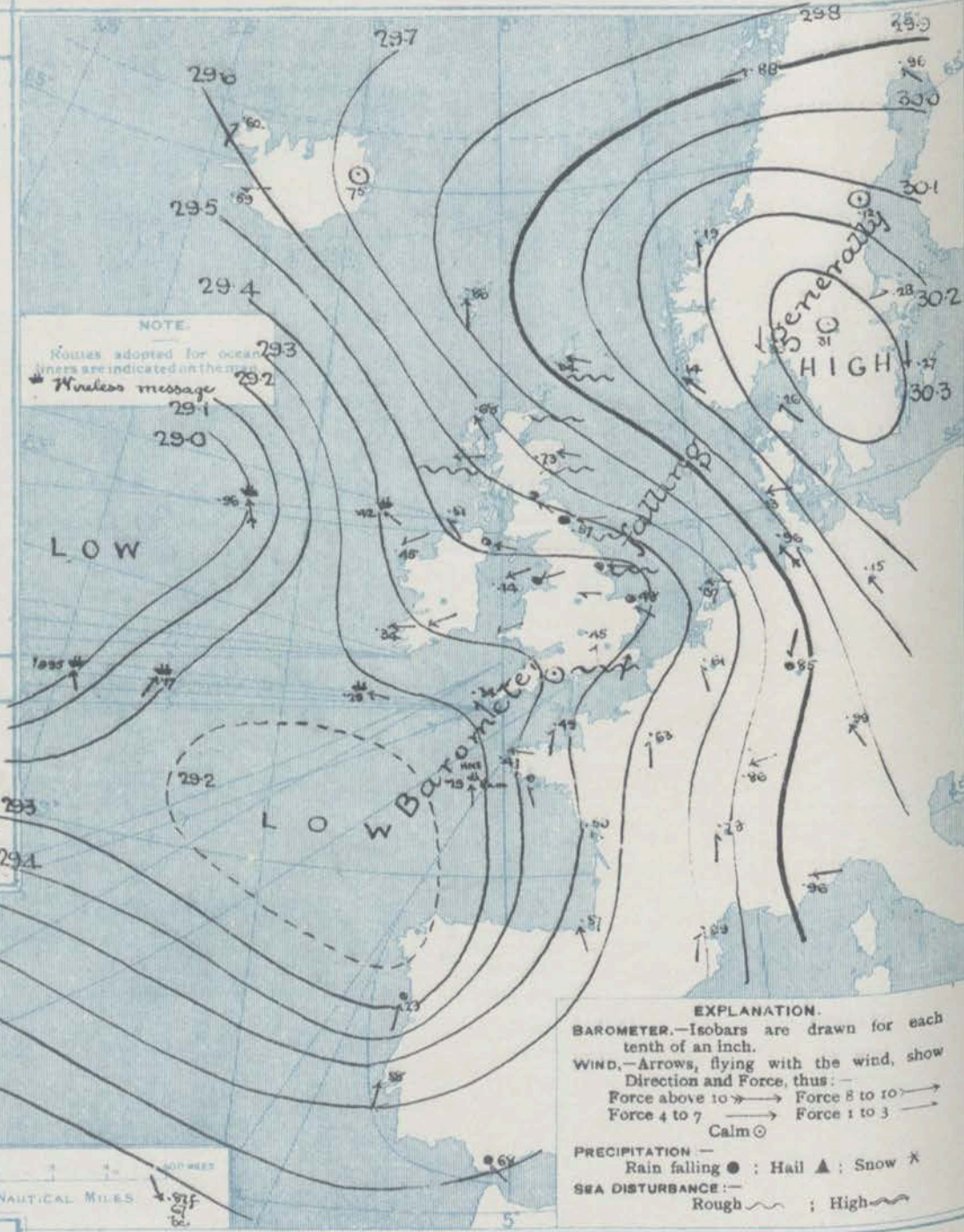
AVERAGES OF TEMPERATURE AT 8 A.M. FOR THE TWO-MONTHLY PERIOD NOVEMBER - DECEMBER.

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



Sunday, WEATHER 4th Dec

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The anticyclone is moving slowly across Southern Sweden, where the barometer is at 30.3 in. In a depression centred off the Bay of Biscay pressure is down to 29.2 in., and in another out on the Atlantic, westward of Ireland, it is below 29 in. Shallow secondaries are found over England. The gradient is rather steep on the North Sea, and on the Atlantic, moderate to slight elsewhere.

Winds from between S. and S. prevail over the greater part of the region under observation, fresh to strong or high in many localities, a gale at Alesund. At the home stations temperature ranges from 35° at Liverpool to 48° at Dungeness; over Western Europe from 26° at Berlin to 62° at Lissabon; in Scandinavia from 18° at Haparanda to 36° at Christianmünd; and in Ireland from 30° to 40°. The weather is fine in various parts of Scandinavia and Ireland, but in other countries it is mostly overcast and dull and gloomy, with rain at many stations. The sea is rough or rather rough in various parts.

CHARTS

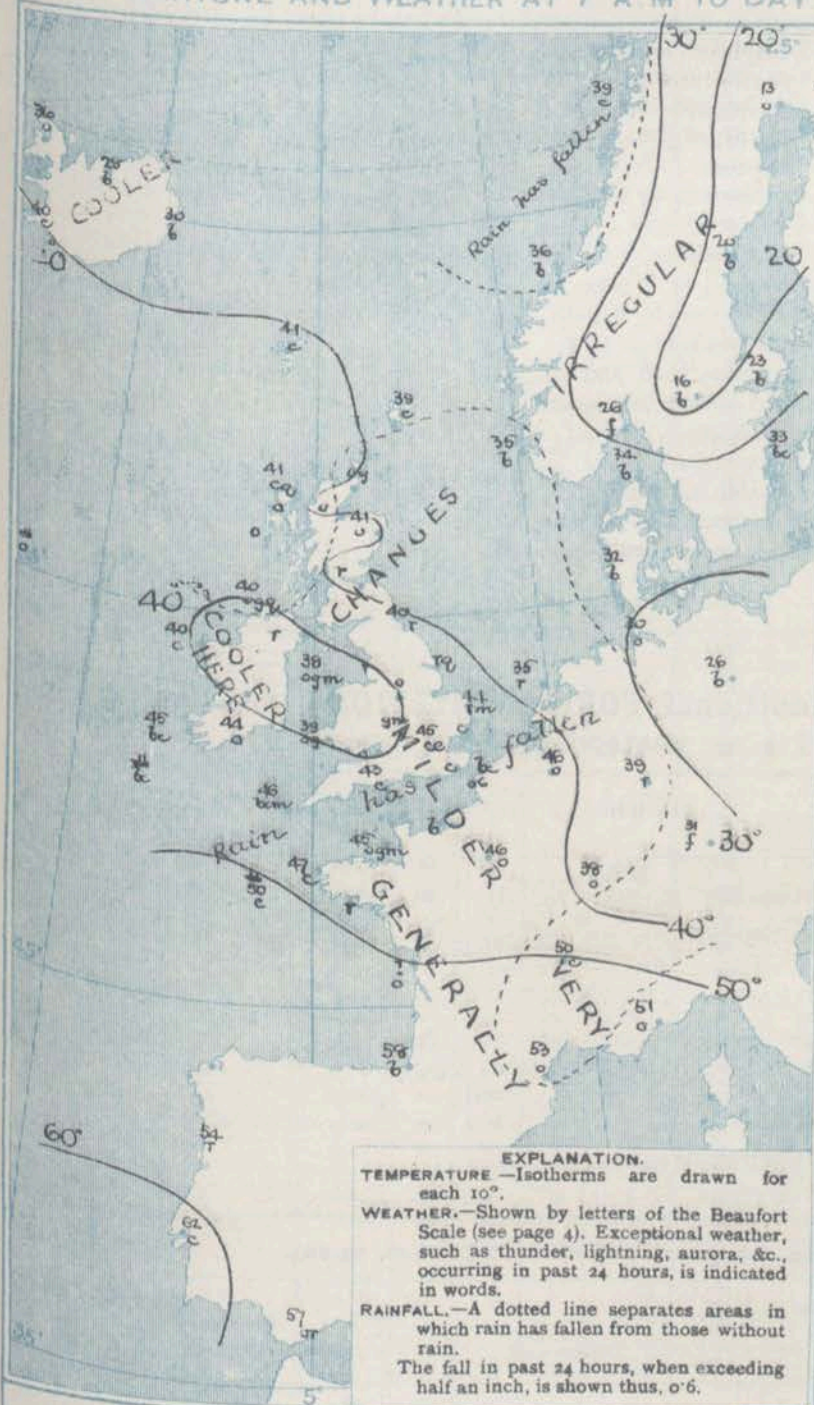
4th December, 1910.

WEATHER PROSPECTS

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

FORECASTS FOR THE 24 HOURS
NOON SUNDAY TO NOON MONDAY

THE FURTHER OUTLOOK



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

None issued

II WESTERN CHANNEL AND BAY

NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 51° at Sully, but remained below 40° at several places in Midland and Northern England. Rain fell except in the north and west of Scotland and northwest of Ireland. Locally the amounts measured were nearly 1/2 inch. As a rule there was no bright sunshine, but Stornoway had 43 hours, Oban and Sully 5.4 hours. Wireless reports show that, under the influence of the deep cyclonic systems ships experienced E., S.E. and S.W. winds, light to a gale, with variable weather, as far west as the 35th meridian.



GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.



FORECAST DISTRICTS.

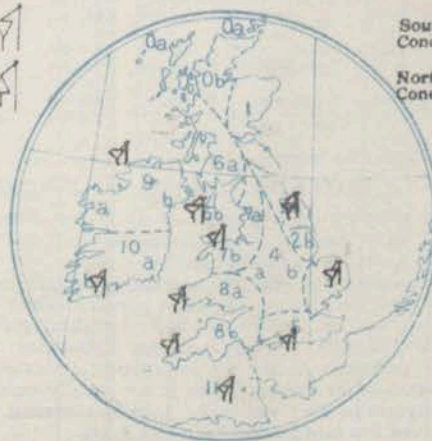
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone. 
North Cone. 

South Cone. 
North Cone. 



If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

Sunday, 4th Dec., 1910

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.
	Max. °	Min. °					Max. °	Min. °			
Oban, to 6 p.m. ...	44	34	-	5.4	-	Brighton, to 6 p.m. ...			*		
Dublin (City), to 4 p.m.	43	41	+g	*	0.51	Seaford, to 6 p.m. ...	46	40	o	0.0	
Blackpool, to 9 p.m. ...	41	38	o	0.0	-	Eastbourne, to 6 p.m. ...			f		0.07
Southport, to 9 p.m. ...	39	37	o	0.0	-	Bexhill-on-Sea, to 9 p.m.	44	40	d. g. r	0.0	*
Rhyl, to 6 p.m. ...	41	37	-	0.5	0.15	Hastings ...	*	*	*		0.04
Colwyn Bay, to 6 p.m. ...	40	36	c	0.0	0.19	Folkestone, to 6 p.m. ...	41	38	d. o	0.0	0.17
Llandudno, to 9 p.m. ...	42	38	or o	0.0	0.18	Deal, to 6 p.m. ...	44	39	r. o	0.0	-
Bettws-y-Coed, to 6 p.m.					*	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.17
Towyn, to 6 p.m. ...	42	37	r. o. r. o	0.5	0.15	Margate, to 6 p.m. ...	41	38		0.0	0.33
Aberystwyth, to 6 p.m. ...	43	39	*	0.7	-	Felixstowe, to 6 p.m. ...	42	39	*	0.0	
Plymouth, to 9 p.m. ...	46	40	or	0.0	0.52	Lowestoft, to 6 p.m. ...					0.15
Paignton, to 6 p.m. ...	46	44	cp. or	0.0	0.16	Skegness, to 6 p.m. ...			r. o	0.0	-
Torquay, to 6 p.m. ...	47	44	*	0.0	0.25	Scarborough, to 9 p.m. ...	?	37	og	0.0	0.02
Teignmouth, to 9 p.m. ...	48	34	o. r. c. r	0.0	0.04	Harrogate, to 6 p.m. ...	39	34	op. r	0.0	0.14
Weymouth, to 6 p.m. ...	43	40	c. o. r	0.0	0.10	Buxton, to 6 p.m. ...	38	34	or. o. or s	0.0	-
Bournemouth, to 6 p.m. ...	43	40	o. d	0.0	0.05	Darwen, to 9 p.m. ...	37	34	og. or	0.0	
Southsea, to 6 p.m. ...			*			Manchester, to 9 p.m. ...					0.20
Bognor, to 6 p.m. ...	42	40	o. or	0.0	-	Birmingham, to 9 p.m. ...	39	36	o. r. o	0.0	
Worthing, to 6 p.m. ...	42	39	o	0.0	-						

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga <i>2nd Decr. 1910</i>	63	45	b. c.	ins.	Utrecht <i>3rd Decr. 1910</i>	41	?	o. o	ins.
Marseilles	57	48	o. o	-	Groningen	41	34	o. o	-
Malta	69	51	b. c.	-	Zurich	*	*	m. m	-
Algiers... ..	66	55	b. c.	-	Geneva	*	*	o. o	-
Tunis	66	41	b. c.	-	Lugano	*	*	o. o	0-12 Measured 7.30 a.m.
Palermo	63	50	c. c.	0-12	Berne <i>2nd Decr. 1910</i>	1.30 p.m.		1.30 p.m.	
Naples	55	50	b. b.	-	Coire	*	*		*
Brindisi	57	51	b. c.	-	Castasegna	*	*		*
Rome	60	41	b. b.	-	Davos	*	*		*
Vienna... ..	37	28	f. f.	0-12					
St. Petersburg	27	25	o. o	-					

[illegible]

* Information for these columns is not usually received.

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (*Director*).

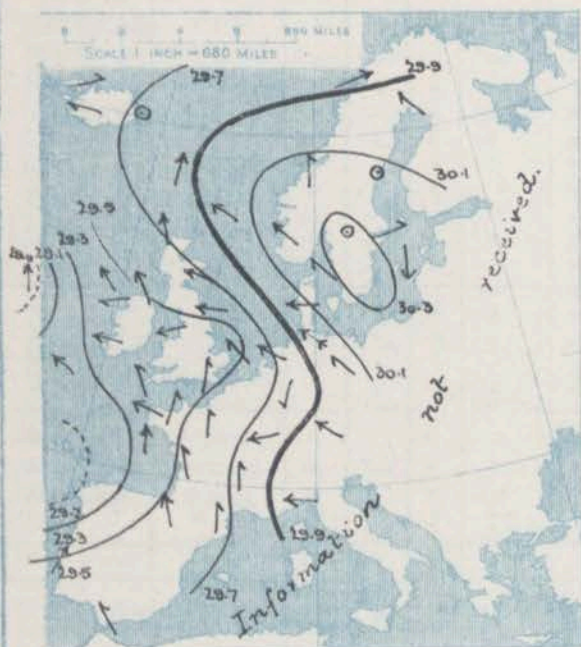
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday
5th December, 1910.

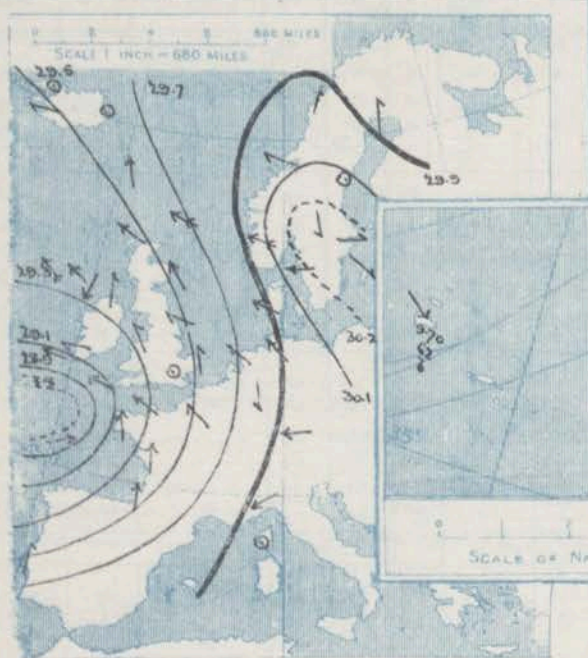
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.					
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.	TEMPERATURE.			Wind.	Force	Weather.	Sea	TEMP.		Weather.	Sun.	Rainfall.			
								Dry Bulb.	Wet Bulb.	Change since Yesterday.					Max.	Min.						
		At 8 th Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Direc.	(0 to 12).		At 8 th Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	(0 to 12).		(0 to 9).							
		Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	"		
SCANDINAVIA.	Haparanda...	29.82	20	S	2	b	29.89	-.07	15	15	+2	2	0	b	27	5						
	Hernösand...	30.00	27	2	0	b	30.10	-.10	17	16	-.3	2	0	b	27	15						
	Stockholm...	30.25	23	W	2	b	30.26	-.01	25	24	+2	2	0	b	27	21						
	Wisby...	30.20	28	NW	2	b	30.25	-.05	30	29	-3	SE	2	b	27	27						
	Karlstad...	30.26	16	N	2	b	30.17	-.09	25	25	+3	ENE	2	f	27	27						
	Færder (X'iania Fjord)	30.21	27	NNE	4	b	30.07	-.14	27	28	+3	NE	4	0	3	29	25					
ICELAND & FAEROE.	Bodö...	29.94	40	SW	4	c	29.94	+.00	38	35	-1	SSW	1	c	41	37				0.04		
	Christiansund...	30.04	37	SE	2	b	29.82	-.22	40	33	+4	ESE	3	b	2	41	30					
	Skudesnaes...	29.78	38	SE	2	b	29.71	-.07	40	36	+5	SE	3	c	4	40	32					
	Isafjord...	29.52	35	2	0	b	29.31	-.21	32	32	0	2	0	c	2	2	2					
BRITISH ISLANDS.	Reykjavik...	29.44	30	E	2	b	29.33	-.11	38	38	0	E	1	c	2	2	2					
	Seydisfjord...	29.65	34	2	0	r	29.41	-.24	37	37	+7	E	2	r	2	2	2					
	Thorshavn...	29.67	40	SE	5	0	29.34	-.33	41	41	0	5	4	0	2	2	2					
	Sumburgh Head...	29.67	40	SE	9	0	29.49	-.18	40	40	+1	SE	5	0	7	43	38				0.05	
	Stornoway...	29.43	41	SE	4	0	29.19	-.24	43	41	+2	SE	4	0	4	43	40	opg. op	0.0	0.04		
	Castlebay (Barra Id.)	29.37	43	E	4	op	29.13	-.24	43	41	+1	E	3	0	4	43	40	op	0.0	0.03		
	Malin Head...	29.31	38	S	1	op	29.03	-.28	38	38	-2	SE	1	om	3	41	37	om. op	0.0	0.02		
	Blacksod Pt. ...	29.31	38	NE	4	om	29.01	-.30	38	37	-2	NE	2	om	1	41	35	om. op	0.0	0.02		
	Valencia...	29.16	43	E	3	c	28.95	-.21	42	40	-3	E	1	r	4	46	41	om. op	0.0	0.02		
	Roche's Point...	29.19	44	SE	3	0	28.89	-.30	43	43	-1	NNW	2	0	4	46	42	c. op. om	0.0	0.14		
	Birr Castle...	29.25	47	2	0	0	28.95	-.30	40	39	+2	NNW	2	0	4	46	42	c. op. om	0.0	0.11		
	Donaghadee...	29.33	43	ENE	2	0	29.04	-.29	45	45	+5	ENE	3	0	2	46	39	c. op	0.0	0.05		
GERMANY, & C.	Liverpool Obsy...	29.35	35	SE	3	0	29.41	-.06	45	46	+13	E	4	0	3	48	36	om. op. om	0.0	0.09		
	Holyhead...	29.32	39	SE	2	om	28.89	-.50	46	40	+6	E	4	0	3	46	36	om. op	0.0	0.12		
	Pembroke (St. Ann's Hd.)	29.16	42	E	4	0	29.10	-.06	50	50	+11	0	7	op. om	6	52	37	op. op. om	0.0	0.26		
	Scilly (St. Mary's)...	29.03	49	SE	8	op. om	28.92	-.11	50	49	+4	W	6	c. op	6	51	45	op. om. om	0.0	0.78		
	Jersey (St. Aubins)...	29.24	50	SE	14	op. om	29.22	-.02	52	51	+7	SSW	8	b	4	52	48	op. om. om	0.0	0.22		
	Portland Bill...	29.28	43	E	7	r	29.05	-.23	51	51	+4	S	8	0	7	53	40	om. op	0.0	0.09		
	Dungeness...	29.40	49	SE	3	r	29.27	-.13	51	50	+3	SE	6	0	5	52	46	c. op. op	0.0	0.15		
	Dover...	29.40	49	SE	3	r	29.36	-.04	51	49	+4	S	6	0	4	52	39	c. op. op	0.0	0.18		
	Wick...	29.50	47	SE	6	0	29.27	-.23	41	41	0	SE	5	r	5	44	38	-	0.0	0.10		
	Nairn...	29.42	40	SE	3	b	29.21	-.21	40	39	+1	2	0	0	1	41	36	c. op. op	0.0	0.07		
	Aberdeen...	29.47	42	SE	5	r	29.22	-.25	46	45	+5	SE	6	r	5	46	40	op. op	0.0	0.40		
	FRANCE.	Leith...	29.38	41	SE	4	r	29.14	-.24	44	43	+5	SE	1	om	4	44	37	op. op. op	0.0	0.12	
North Shields...		29.39	42	SE	3	0	29.18	-.21	45	45	+5	SE	2	0	6	47	37	r. op	0.0	0.13		
Spurn Head...		29.45	42	SE	4	c	29.21	-.24	45	45	+2	SE	5	0	5	46	40	c. op. op. op	0.0	0.14		
Yarmouth...		29.56	43	S	2	c	29.38	-.18	47	46	+3	SE	4	b	4	47	43	om. op	0.0	0.27		
Clacton-on-Sea...		29.49	43	SE	2	r	29.29	-.20	46	46	+2	SE	4	c	4	49	43	c. op. op	0.0	0.14		
Nottingham...		29.45	40	E	2	0	29.17	-.28	49	48	+9	ENE	4	c	4	49	39	c. op. op	0.0	0.12		
Bath...		29.36	49	NE	4	r	29.04	-.32	51	49	+14	SW	4	r	4	53	37	-	0.0	0.18		
Oxford...		29.31	43	E	3	r	29.18	-.13	52	49	+12	SE	7	0	4	52	39	c. op. op	0.0	0.04		
London (St. James's Pk.)		29.41	45	2	0	or	29.22	-.19	53	49	+8	S	3	c	4	54	44	om. op. op	0.0	0.17		
The Scaw (Skagen)...		30.11	36	SE	5	b	29.46	-.25	38	36	+4	SE	7	0	2	41	34	-	0.0	0.12		
Fanö...		29.87	38	SE	6	0	29.75	-.12	33	32	+1	SE	4	0	2	34	30	-	0.0	0.12		
SPAIN & PORTUGAL.		Cuxhaven...	29.85	32	SE	5	0	29.73	-.12	33	32	+3	SE	5	0	2	34	30	-	0.0	0.12	
	The Helder...	29.85	32	SE	5	0	29.73	-.12	33	32	+3	SE	5	0	2	34	30	-	0.0	0.12		
	Brussels...	29.85	32	SE	5	0	29.73	-.12	33	32	+3	SE	5	0	2	34	30	-	0.0	0.12		
	Berlin...	29.85	32	SE	5	0	29.73	-.12	33	32	+3	SE	5	0	2	34	30	-	0.0	0.12		
	Frankfurt...	29.85	32	SE	5	0	29.73	-.12	33	32	+3	SE	5	0	2	34	30	-	0.0	0.12		
	Munich...	29.85	32	SE	5	0	29.73	-.12	33	32	+3	SE	5	0	2	34	30	-	0.0	0.12		
	C. Gris Nez...	29.43	47	SE	5	c	29.23	-.20	50	50	+5	SE	5	0	4	50	?	-	0.0	0.12		
	La Hève...	29.39	42	SE	4	r	29.25	-.14	43	40	+2	S	5	0	3	50	39	-	0.0	0.12		
	Brest...	29.11	52	SE	5	0	29.18	-.07	51	49	+4	SW	5	0	5	52	47	-	0.0	0.25		
	Lorient...	29.39	55	S	4	r	29.46	-.07	52	50	?	SW	2	b	4	55	48	-	0.0	0.35		
	Rochefort...	29.47	62	S	4	0	29.54	-.07	52	46	-6	SSW	3	b	2	63	52	-	0.0	0.04		
	Biarritz...	29.47	62	S	4	0	29.54	-.07	52	46	-6	SSW	3	b	2	63	52	-	0.0	0.04		
SPAIN & PORTUGAL.	Paris...	29.49	54	SE	4	0	29.47	-.02	53	50	+7	S	4	c	4	54	45	-	0.0	0.14		
	Belfort...	29.79	34	ENE	4	m	29.78	-.01	32	32	-6	ENE	4	m	4	54	45	-	0.0	0.14		
	Lyons...	29.72	53	SW	2	c	29.65	-.07	51	46	+5	?	?	0	4	59	42	-	0.0	0.14		
	Nice...	29.91	54	ENE	4	c	29.84	-.07	60	49	+9	2	0									

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

7 A.M. YESTERDAY

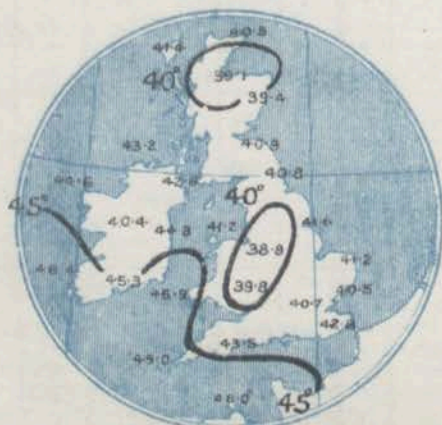


6 P.M. YESTERDAY



AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD
NOVEMBER - DECEMBER.

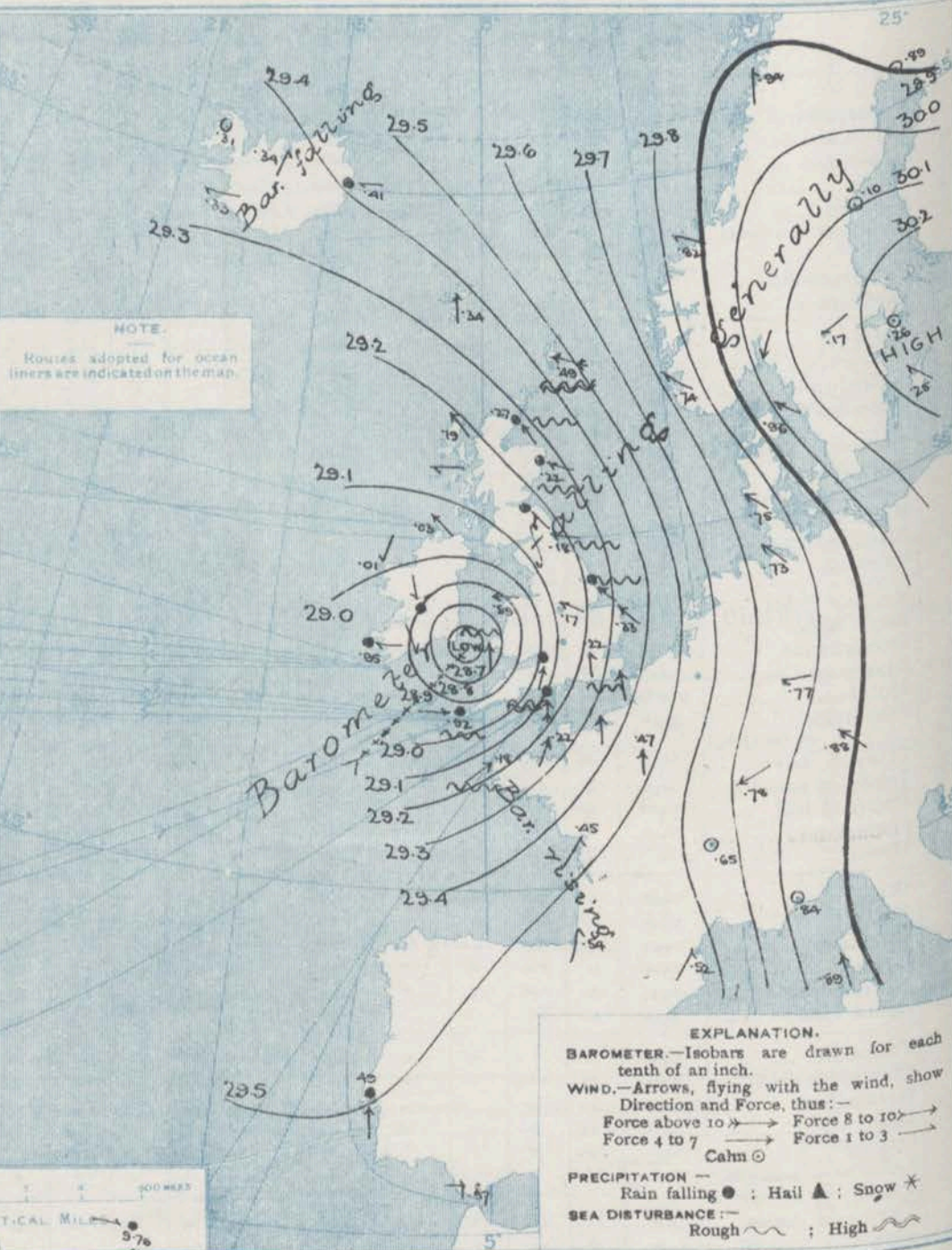
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Monday.

WEATHER 5th Decr.

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 ○
PRECIPITATION —
Rain falling ● : Hail ▲ : Snow ★
SEA DISTURBANCE:—
Rough ~~~~ : High ~~~~

NOTES ON THE GENERAL SITUATION AT 7 A.M.

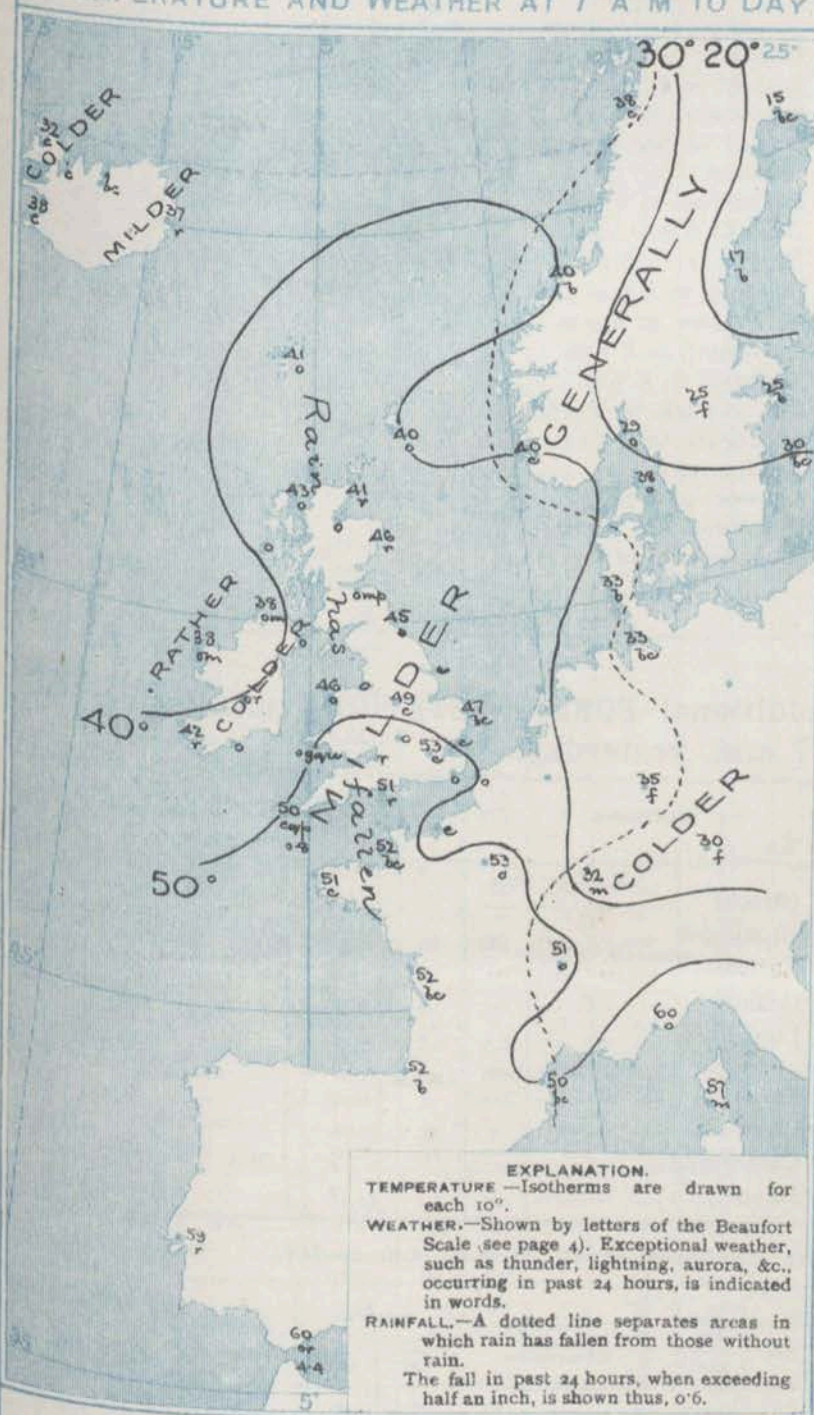
The centre of a deep depression has advanced from the south-westward to the mouth of the St. George's Channel, where the barometer has fallen below 28.7 ins. A steep gradient prevails over our southern districts, and a moderately steep gradient in all surrounding regions. The mercury continues to fall on all but our extreme south-west coasts, where a recovery of pressure has commenced.

A complete cyclonic circulation of air exists round the baric minimum, the southerly wind being strong to a gale in force in the English and Bristol Channels, and the south-easterly wind equally strong in the north of Scotland, as well as on the eastern side of the North Sea. Temperature has risen considerably over England, and is now slightly above 50° at most of our southern stations; on the north and north-west coasts of Ireland the readings are below 40°. The Continental values range from 60° at Nice and Gibraltar, and 53° at Lisbon to considerably below the freezing point in Sweden. The weather is in a very changeable condition, generally, with rain at several of our northern and south-western stations. Fog prevails in South Germany, but fine, bright weather in Sweden. The sea is high at Portland Bill and Lumburgh Head, and rough or rather rough on all but our extreme western coasts.

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

FORECASTS FOR THE 24 HOURS
NOON Monday to Noon Tuesday.

THE FURTHER OUTLOOK



- | | | | |
|----|---|--|-------------------------------------|
| 0 | } | Easterly and South Easterly winds, strong to a gale in force; mild and unsettled, with occasional rain. | } Weather continuing very unsettled |
| 1 | | | |
| 2 | } | South Easterly gales and strong winds, shifting later to South West; squally occasional rain. Mild today, cooler tomorrow. | |
| 3 | | | |
| 4 | } | Southerly to Westerly gales and strong winds, squally, occasional rain; mild today, cooler tomorrow. | |
| 5 | | | |
| 6 | } | Easterly to Northerly winds, increasing in force; squally, occasional rain. Becoming colder. | |
| 7 | | | |
| 8 | } | South Westerly to North Westerly gales and strong winds; squally, occasional rain. Mild at first, cooler later. | |
| 9 | | | |
| 10 | } | Northerly winds, increasing in force, squally occasional rain, becoming colder. | |
| | | | |

II WESTERN CHANNEL AND BAY

South Westerly winds, strong to a gale in force, with a rough or high sea; squally, showery. Mild at first, cooler later.

NOTES ON YESTERDAY'S WEATHER

In the south of England the maximum temperatures shown in this morning's report occurred mostly during the night; few places experienced yesterday a reading as high as 50°. Small amounts of bright sunshine were recorded in several places, but at many of our western and extreme northern stations there was none. Rain has again fallen very generally. Wireless reports show that between the Irish coasts and the 24th meridian ships experienced strong winds or gales from the southward or south-eastward, with fair weather on the southern, but dull weather on the northern route.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

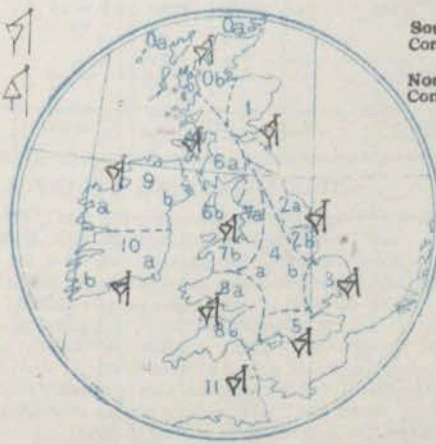
The deep depression in the southwest is likely to move in a north-easterly direction, and will occasion gales on nearly all our coasts, - from the South-eastward in the north, but from the South-westward and West-ward in the south. Rain or showery weather will be experienced in all districts. The present high temperature in the south will be followed by a change to cooler weather in the course of the ensuing 24 hours.

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 one. South Cone. North one. 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. °			
Oban, to 6 p.m. ...						Brighton, to 6 p.m. ...	49	41	*	1.9	0.03
Dublin (City), to 4 p.m. ...	41	39	rg. fd. og	*	0.03	Seaford, to 6 p.m. ...			*		0.5
Blackpool, to 9 p.m. ...	40	34	o. r. o	0.0	0.23	Eastbourne, to 6 p.m. ...	45	40	*	0.0	0.14
Southport, to 9 p.m. ...	39	34	ov. om. o	0.3	0.31	Bexhill-on-Sea, to 9 p.m. ...	43	41	bc. r	2.1	*
Rhyl, to 6 p.m. ...	40	34	r. h. o. c	2.8	0.09	Hastings ...	*	*	*		0.39
Colwyn Bay, to 6 p.m. ...	41	35	bc	2.2	0.10	Folkestone, to 6 p.m. ...	48	39	ov. bc. ov	2.4	0.31
Llandudno, to 9 p.m. ...	41	34	o. bc. o	2.1	0.10	Deal, to 6 p.m. ...	45	42	r. c. bc. od	2.4	
Bettws-y-Coed, to 6 p.m. ...						Ramsgate, to 6 p.m. ...	*	*	*	2.0	0.50
Towyn, to 6 p.m. ...	41	37	o	0.0	-	Margate, to 6 p.m. ...	48	39	b. r. o	2.9	
Aberystwyth, to 6 p.m. ...	41	36	*	0.0	0.04	Felixstowe, to 6 p.m. ...			*		0.55
Plymouth, to 9 p.m. ...	46	37	ogr	0.0	0.11	Lowestoft, to 6 p.m. ...	46	39	ov. c. o	1.6	0.19
Paignton, to 6 p.m. ...	48	37	om. cp. r	0.0	0.34	Skegness, to 6 p.m. ...	44	41	rm. c. bc	0.2	*
Torquay, to 6 p.m. ...	49	37	*	0.0	0.15	Scarborough, to 9 p.m. ...	7	39		0.0	0.73
Teignmouth, to 9 p.m. ...	48	37	r	0.0	0.30	Harrogate, to 6 p.m. ...	41	33	dm. ov. bc. o	0.4	0.31
Weymouth, to 6 p.m. ...	47	37	r	0.0	0.19	Buxton, to 6 p.m. ...	35	32	ov. p. bc. o	0.0	
Bournemouth, to 6 p.m. ...	45	37	fd. r	0.0	0.60	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...	48	40	*	1.0	0.30	Manchester, to 9 p.m. ...					0.51
Bognor, to 6 p.m. ...	47	42	bc. ov	1.3	0.41	Birmingham, to 9 p.m. ...	42	33	ov. a. ov	0.0	
Worthing, to 6 p.m. ...	50	40	o. c. ov	2.4	0.31						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 4th Dec. 1910	0	0		Ins.	Utrecht ... 4th Dec. 1910	0	0		Ins.
Marseilles ...					Groningen ...				
Malta ...					Zurich ...	*	*	not received	
Algiers ...					Geneva ...	*	*		
Tunis ...					Lugano ...	*	*		
Palermo ...			not received		Berne ... 3rd Dec. 1910	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Naples ...					Coire ...	*	*		
Brindisi ...					Castasegna ...	*	*	not received	
Rome ...					Davos ...	*	*		
Vienna ...									
St. Petersburg ...									

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
H.M.S. { 4th Dec. 11am 48°30'N 55°5'W 29.42 Ins. 56W 3 m 51 49 53 4 " 9am 47°45'N 63°0'W 29.29 " 50 48 54 4 " 5pm 2 7.12W 28.90 " 54 7 54 5 " 10pm 46°30'N 72°0'W 28.81 " 54 7 54 5 Lowest barometer 28.77 at 5.20pm. now rising slowly.	0	0	Ins.	56W	3	m	51	49	53	4	California { 3rd Dec. 3pm 54N 124W 29.01 55E 2.9 " 6pm 54N 124W 29.04 55E 2.9 " 9am 54N 124W 29.06 55E 2.9 " 12pm 54N 124W 29.06 55E 2.9 " 3pm 54N 124W 29.06 55E 2.9 " 6pm 54N 124W 29.06 55E 2.9	0	0	Ins.	55E	2.9	5.9
Adriatic { 3rd Dec. 11am 51N 24W 29.36 56E 6.7 " 7am 50N 29.26 56W 4.5 " 3pm 50N 29.16 56W 0.7 " 6pm 50N 29.18 56W 0.7	51N	24W	29.36	56E	6.7	-	-	-	-	-	Caledonia { 11th Dec. 11am 55N 10W 29.60 55E 4.5 " 7am 55N 11W 29.42 55E 4.5 " 3pm 55N 11W 29.08 55E 4.7 " 6pm 55N 16W 28.95 55E	55N	10W	29.60	55E	4.5	4.5
Minaelabo { 3rd Dec. 8pm 50N 16W 29.39 56W 4.5 " 6pm 50N 17W 29.31 56E 4.5 " 4th Dec. 11am 50N 22W 29.25 56W 6.7 " 7am 50N 21W 29.17 56W 6.7	50N	16W	29.39	56W	4.5	-	-	-	-	-	Minaelabo { 11th Dec. 11am 50N 16W 29.39 56W 4.5 " 6pm 50N 17W 29.31 56E 4.5 " 4th Dec. 11am 50N 22W 29.25 56W 6.7 " 7am 50N 21W 29.17 56W 6.7	50N	16W	29.39	56W	4.5	4.5
Minaelabo { 11th Dec. 11am 50N 16W 29.39 56W 4.5 " 6pm 50N 17W 29.31 56E 4.5 " 4th Dec. 11am 50N 22W 29.25 56W 6.7 " 7am 50N 21W 29.17 56W 6.7	50N	16W	29.39	56W	4.5	-	-	-	-	-	Arabic { 4th Dec. 3pm 51N 10W 29.17 56E 4.5 " 6pm 51N 11W 29.11 56E	51N	10W	29.17	56E	4.5	4.5
California { 3rd Dec. 11am 54N 28W 28.94 55E 8.9 " 7am 54N 28W 28.95 55E 8.9	54N	28W	28.94	55E	8.9	-	-	-	-	-	Caronia { 11th Dec. 3pm 51N 10W 29.21 55E 4.5 " 6pm 51N 11W 29.15 55E	51N	10W	29.21	55E	4.5	4.5

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,

LONDON, S.W.

W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

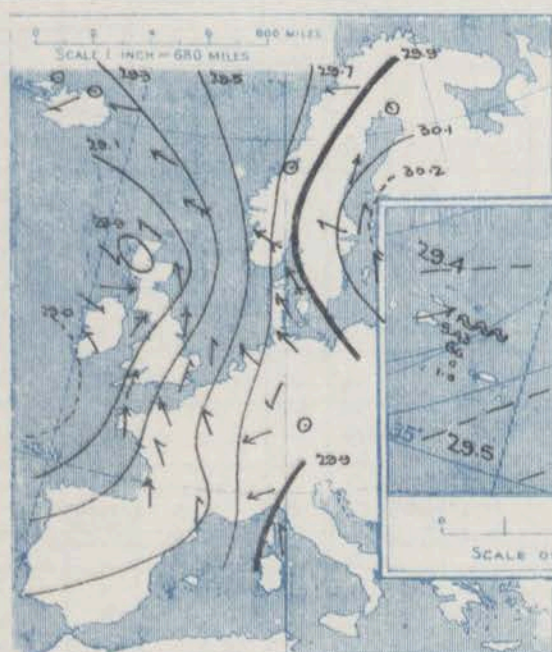
Tuesday
6th December, 1910.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temperature.			Wind.	Force	Weather.	Sea	Temp.		Weather.	Sun.	Rainfall		
								Dry Bulb.	Wet Bulb.	Change since Yesterday.					Max.	Min.					
At 32° Fahr. and M.S.L. Lat. 45°		Dry Bulb.	Dir.	(0 to 12).		At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	(0 to 12).		(0 to 9).							
Ins.		"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	"		
SCANDINAVIA.	Haparanda...	29.99	6	2	0	f	29.77	-1.2	31	30	+1.0	2	0	5	23.1	1			0.12		
	Hernösand...	30.08	27	SW	6	0	29.97	-1.1	29	28	+1.2	SW	4	60	30	16					
	Stockholm...	30.20	38	SW	2	0	30.04	-1.7	32	32	+7	SE	2	0	34	21					
	Wisby...	30.19	31	SW	2	0	30.04	-1.2	32	31	+2	SE	4	6	37	7					
	Karlstad...	30.10	29	SE	2	0	29.99	-1.1	32	31	+7	SE	2	0	36	23			0.08		
	Färder (X'ania Fjord)	29.98	36	SE	5	0	29.92	-1.5	32	31	+8	SE	4	0	36	23					
	Bodö...	29.99	34	E	2	0	29.70	-1.4	33	29	-5	E	2	6	33	32					
	Christiansund...	29.97	42	2	0	0	29.89	-1.3	46	41	+6	SE	2	0	46	39					
	Skudesnaes...	29.61	44	SE	9	0	29.67	-0.4	42	39	+2	SE	6	0	43	39					
ICELAND & FAEROE.	Isafjord...	29.24	32	2	0	0	29.18	-1.3	32	"	0	SE	7	0	"	"					
	Reykjavik...	29.16	38	NE	1	0	29.03	-1.6	37	"	-1	2	0	"	"						
	Seydisfjord...	29.27	38	E	1	0	29.07	-3.4	37	"	0	SE	2	0	"	"					
	Thorshavn...	29.19	42	SE	0	0	28.98	-3.6	46	"	+5	SW	6	0	"	"					
BRITISH ISLANDS.	Sumburgh Head	29.21	41	ESE	8	0	29.28	-1.1	41	40	+1	SE	5	0	7	45	39	r. 0	0.17		
	Stornoway...	28.95	44	ESE	8	0	29.21	+0.2	45	43	+2	SE	3	0	3	45	41	o. c. op	0.16		
	Castlebay (Bacca Id.)	28.95	44	NW	2	0	29.21	+0.6	45	43	+2	SE	4	60	3	46	45	ov. bc	0.18		
	Malin Head	28.93	44	W	4	0	29.15	+1.3	37	37	-1	S	2	60	2	45	36	ov. bc	0.07		
	Blacksod Pt.	28.99	42	WNW	1	0	29.13	+1.2	41	41	+3	ENE	2	0	2	46	37	ov. ov. bc			
	Valencia	29.02	45	SE	2	0	29.15	+1.2	45	43	+3	SE	1	6	4	49	40	ov. c. bc	0.02		
	Roche's Point	29.06	40	ENE	2	0	29.17	+1.2	44	44	+1	2	0	4	46	38	ov. cp. ov	0.10			
	Birr Castle	29.05	40	S	2	0	29.16	+1.1	41	40	+1	S	2	0	42	36	ov	0.09			
	Donaghadee	28.99	44	SE	3	0	29.21	+1.7	45	45	0	SE	2	0	2	49	39	ov. bc. cp	0.35		
	Liverpool Obsy.	29.13	46	SE	5	0	29.26	+1.2	46	45	-2	SE	3	0	2	51	45	ov. bc. o	0.08		
	Holyhead	29.10	49	SW	5	0	29.21	+1.3	48	47	+2	SE	1	0	1	50	46	ov. cp. ov. bc	0.41		
	Pembroke	29.10	49	SE	5	0	29.16	+1.4	45	45	-5	NE	1	0	1	50	45	ov. cp. ov. bc	0.20		
	(St. Ann's Hd.)																				
	Scilly (St. Mary's)	29.11	51	SW	4	0	29.15	+1.3	47	46	-3	NW	3	0	3	52	46	ov. bc. ov. bc	0.16		
	Jersey (St. Aubine)	29.32	52	SE	4	0	29.21	-0.2	50	49	-2	SE	4	0	3	55	50	ov. bc. ov. bc	0.01		
	Portland Bill	29.22	52	S	6	0	29.18	+1.3	50	50	-1	SE	4	0	5	53	50	cp	0.07		
	Dungeness	29.39	51	SE	4	0	29.33	+1.0	49	49	-3	E	3	0	4	55	46	c. bc. f			
	Dover						29.38	+1.2	45	44	-6	SE	3	0	3	52	44	c. bc			
	Wick	29.05	44	S	5	0	29.29	+1.2	45	44	+4	E	2	0	2	48	41		0.25		
Nairn	28.95	43	ESE	1	0	29.26	+1.0	42	40	+2	SE	0	0	1	50	39	o. c. ov	0.01			
Aberdeen	29.07	49	SE	6	0	29.34	+1.2	46	45	0	SW	2	0	4	49	45	ov. bc. ov. bc	0.04			
Leith	29.03	50	SE	3	0	29.28	+1.4	45	43	+1	SE	3	0	4	51	43	ov	0.01			
North Shields	29.16	51	S	4	0	29.35	+1.7	47	47	+2	S	3	0	4	52	43	o. c. op	0.6			
Spurn Head	29.31	45	SE	5	0	29.38	+1.7	42	42	-3	SE	5	0	5	49	41	bc. ov. f				
Yarmouth	29.43	43	S	2	0	29.48	+1.1	43	43	-4	SE	2	0	3	49	43	bc. bc. bc	3.0			
Clacton-on-Sea	29.41	46	SE	4	0	29.48	+1.0	44	44	-2	SE	2	0	2	49	43	c. bc. bc	3.7			
Nottingham	29.30	49	S	3	0	29.46	+1.0	45	45	-4	E	2	0	4	52	44	c. o. op	0.2			
Bath	29.27	51	SW	4	0	29.26	+1.2	49	47	-2	SE	5	0	4	54	46		2.2			
Oxford	29.35	51	SE	4	0	29.31	+1.8	46	44	-6	SE	2	0	4	53	45	ov. bc. ov. bc				
London (St. James's Pk)	29.37	51	SW	3	0	29.33	+1.1	47	46	-6	SE	3	0	4	54	46	c. bc	0.6			
GERMANY, & C.	The Scaw (Skagen)	29.87	38	SE	6	0	29.84	-1.2	37	37	0	SE	3	0	1	39	36				
	Fanö	29.76	32	SE	4	0	29.72	-1.0	32	31	-1	SE	2	0	1	36	30				
	Cuxhaven†	29.75	34	SE	4	0	29.64	-1.0	31	30	-2	SE	4	0	1	36	30				
	The Helder	29.67	41	SE	2	0	29.54		38	37		SE	2	0	1	49	37				
	Brussels						29.47		46	41		SE	4	0	1	54	42		0.02		
	Berlin†																				
	Frankfurt†	29.73	36	NE	2	0	29.65	-1.2	33	33	-2	NE	2	0	1	39	32				
Munich†	29.81	33	2	0	0	29.71	-1.7	39	35	+4	S	3	0	1	41	30					
FRANCE.	C. Gris Nez	29.44	49	S	4	0	29.46	+1.0	44	43	-6	SE	5	0	3	55	43		0.04		
	La Hève	29.46	50	S	4	0	29.38	+1.0	43	41	0	SE	3	0	3	52	39				
	Brest	29.25	51	S	5	0	29.22	+1.0	49	47	-2	WNW	6	0	5	54	46		0.02		
	Lorient	29.28	53	SE	5	0	29.27		50	49		WNW	5	0	5	55	48		0.04		
	Rochefort	29.38	51	SE	3	0	29.37	-1.0	52	50	0	WNW	3	0	4	55	43		0.08		
	Biarritz	29.36	61	S	4	0	29.46	-1.0	57	54	+6	W	4	0	5	63	55				
	Paris	29.52	47	SE	2	0	29.59	-1.0	46	45	-7	SE	3	0	4	55	43				
	Belfort...	29.73	33	ENE	4	0	29.62	-1.6	32	32	0	ENE	5	0	4	40	32				
	Lyons	29.64	51	S	2	0	29.49	-1.6	54	49	+3	SSW	1	0	4	57	48				
Nice	29.82	47	ENE	5	0	29.74	-1.0	50	47	-10	ENE	4	0	5	55	47		0.07			
Perpignan	29.50	56	S	3	0	?	-1.6	57	55	+7	S	2	0	4	62	55		0.04			
Sanguinaire	29.41	59	S	3	0	29.33	-1.0	63	61	+6	S	4	0	5	68	59					
SPAIN & PORTUGAL.	Corunna																				
	Lisbon †	29.56	55	WNW	4	0	29.27	+1.3	57	52	-2	WNW	4	0	4	63	54		0.24		
	Gibraltar	29.58	58	W	3	0	29.31	+1.4	56	55	-4	W	4	0	4	64	54		1.38		
	Azores (P. Delgada)																				
" Horta	29.77	60	W	4	0	29.43	-1.2	66	63	+4	SW	7	0	7	64	59		0.95			
Madeira (Punchal) †	29.86	66	N	2	0	29.48	+1.2	63	57	-5	N	2	0	3	72	54		0.24			

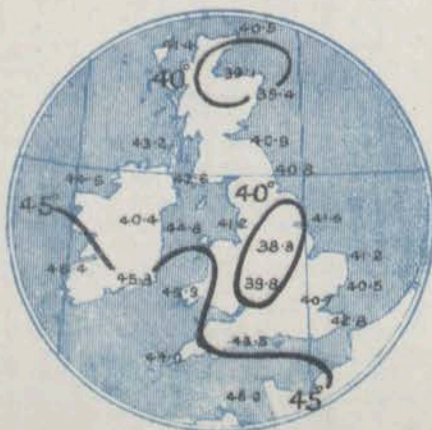
7 A.M. YESTERDAY.



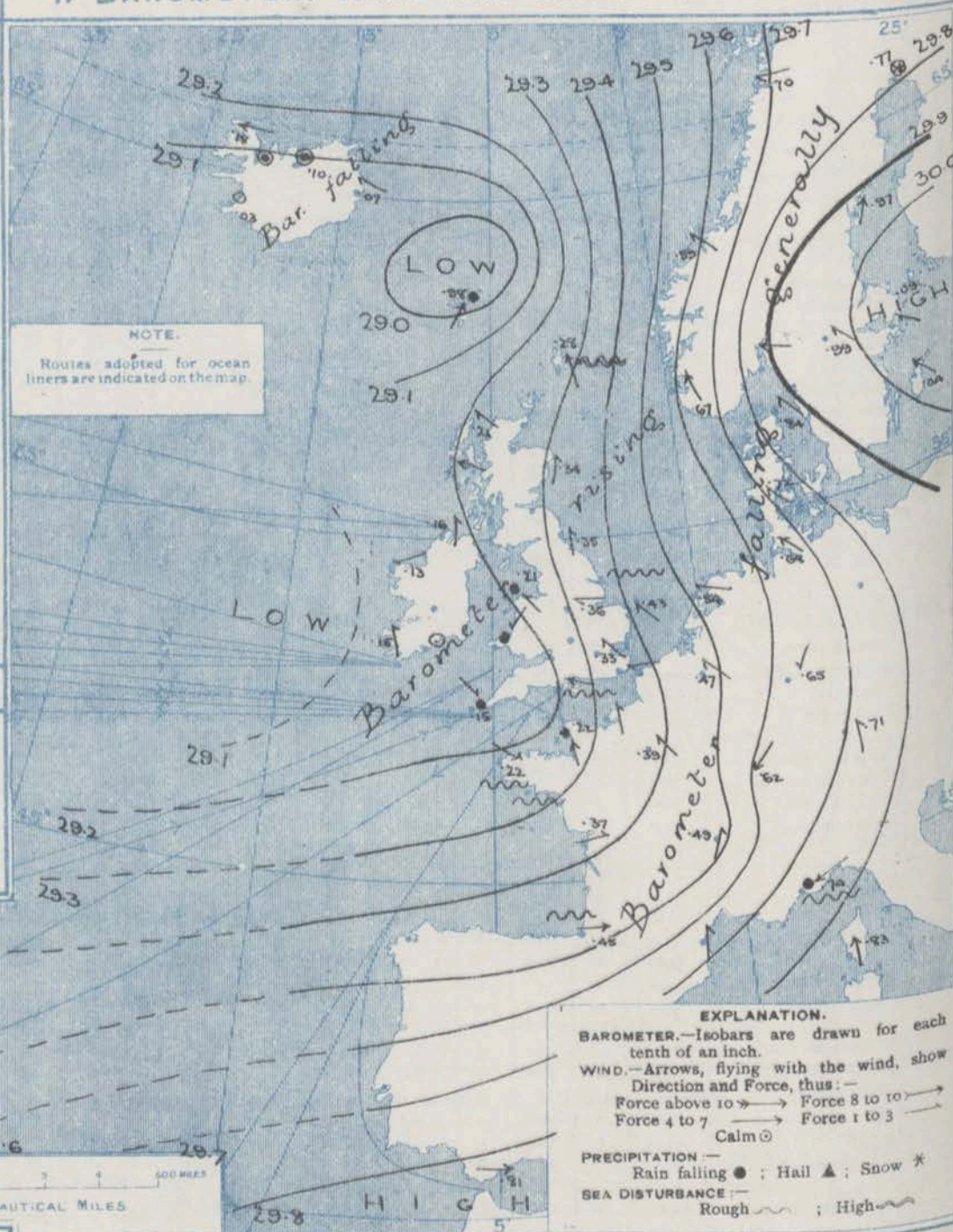
6 P.M. YESTERDAY



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

WEATHER 6th Decr.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

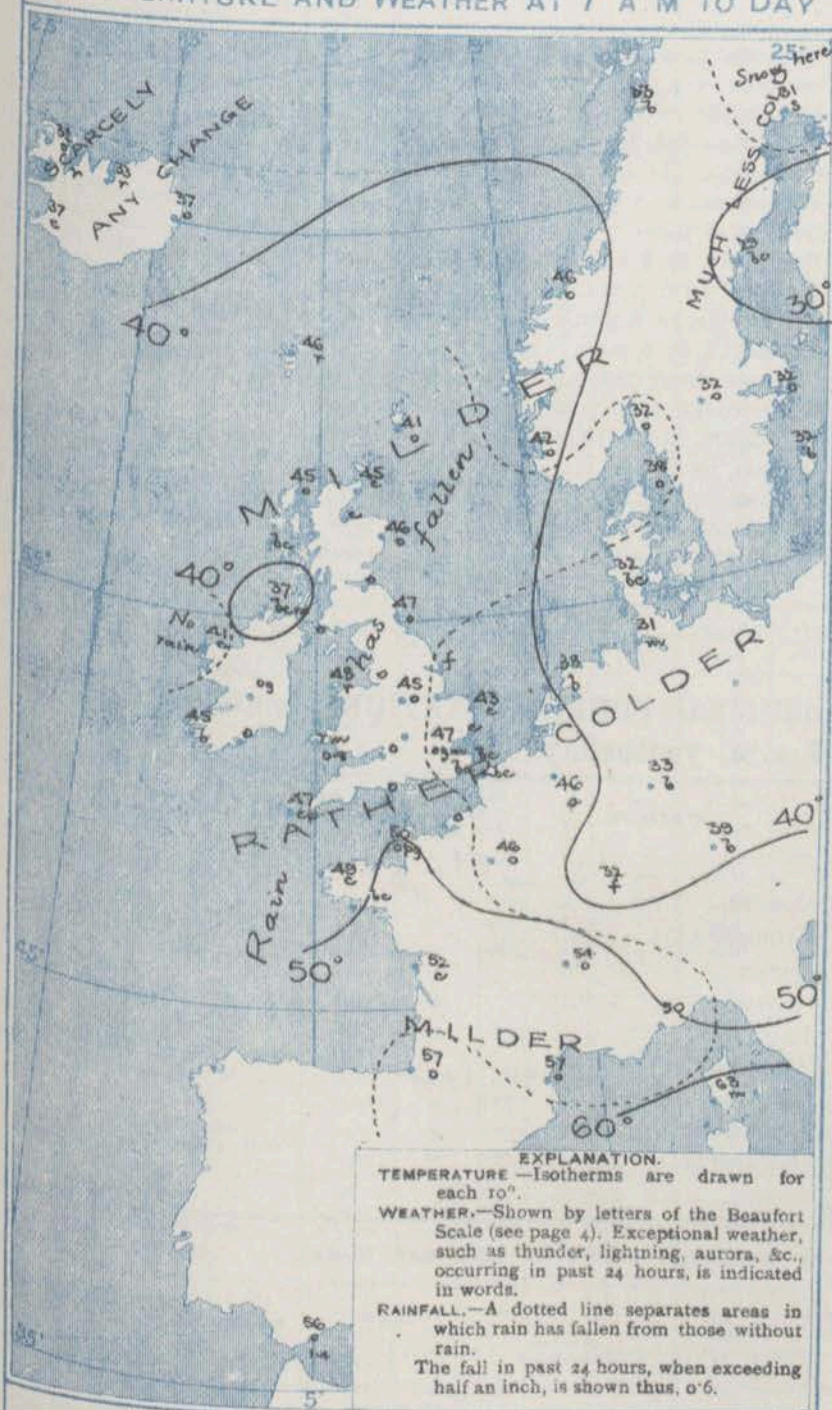
The anticyclone has now passed beyond the region of observation, the highest pressure reported being less than 30.1 ins at Stockholm. The deep depression of yesterday has moved northward and is now centred over the Lærbø, with the barometer below 29 ins. In the course of the night a shallow secondary has moved from the Bay to Cornwall. There is a large depression on the Atlantic, and pressure is below 28.9 ins, 250 miles westward of Valencia and at the Azores it has decreased quickly to about 29.4 ins. The gradient is rather steep from the Lærbø across Scandinavia, elsewhere it is moderate to slight.

Light to strong westerly breezes are reported on the shores of the Bay, a high south westerly wind at the Azores, but elsewhere southerly to easterly winds prevail, varying in force from a light to a strong breeze. At the home stations temperature ranges from 37° at Malin Head to 50° at Jersey and Portland Bill; over Western Europe from 31° at Cuxhaven to 51° at Biarritz and Biscarosse; in Scandinavia from 24° at Helsingfors to 46° at Christiansund; and in Iceland from 32° to 37° . The weather is fine in Western Germany, but over the rest of our area it is dull to gloomy, with rain between Jersey and Holyhead, and at various foreign stations, even at Naparanda. The atmosphere is foggy off the Shetlands. A high sea is running off Shetland and the Azores, and it is rather rough off the Hebrides, Portland and down the west of France.

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

FORECASTS FOR THE 24 HOURS
NOON *Tuesday* TO NOON *Wednesday*.

THE FURTHER OUTLOOK*



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

Wind mainly between S. and E., force variable, fresh or strong, at times locally; changeable, dull, rain at times, some fair intervals; mild.

Continuing unsettled.

11 WESTERN CHANNEL AND BAY.
Variable cyclonic winds Channel, S.W. to W. on Day, light to fresh or strong; sea moderate to rough; changeable, some rain, mist or fog; mild.

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature exceeded 50° in most parts of the British Isles, touching 55° at Jersey, Portsmouth and Dungeness. Rain fell at nearly all stations, more than $\frac{1}{2}$ inch at Pembroke. In some localities there was no bright sunshine or less than an hour, while along the south east coast of England, from Littlestone-on-sea to Lowestoft, the records were from 5 hours to 5-1/2 hours. On the Atlantic, as far west as the 27th meridian, ships experienced light to strong easterly to south westerly and westerly winds, and fair weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

An extensive and deep depression still occupies the eastern Atlantic, and from its secondary irregularities of pressure reach these Islands and the Bay region, so that an unsettled type of weather is likely to be maintained.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

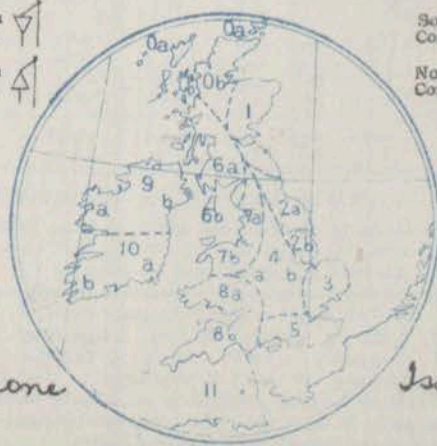
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.

* If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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.			
Oban, to 6 p.m. ...	45	40	cg	0.0	0.24	Brighton, to 6 p.m. ...	52	46	*	0.8	0.07
Dublin (City), to 4 p.m. ...	47	39	c. drg. c.	*	0.50	Seaford, to 6 p.m. ...	52	47	b. c.	3.0	0.09
Blackpool, to 9 p.m. ...	52	33		0.2	0.11	Eastbourne, to 6 p.m. ...	53	48	*	3.7	0.19
Southport, to 9 p.m. ...						Bexhill-on-Sea, to 9 p.m. ...	52	45	bc	4.2	*
Rhyl, to 6 p.m. ...	53	33	c. c. b. bc	1.5	0.12	Hastings ...	*	*	*	4.7	*
Colwyn Bay, to 6 p.m. ...	53	49	b. c. p.	0.0	0.13	Folkestone, to 6 p.m. ...	52	45	*	5.4	0.10
Llandudno, to 9 p.m. ...	52	37	b. c. o	0.4	0.19	Deal, to 6 p.m. ...	52	47	r. c. b. c.	5.1	0.20
Bettws-y-Coed, to 6 p.m. ...	51	36	*	0.2	*	Ramsgate, to 6 p.m. ...	*	*	*	5.3	0.20
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	53	43	b.	5.1	0.16
Aberystwyth, to 6 p.m. ...	52	36	*	0.7	0.08	Felixstowe, to 6 p.m. ...	49	43	*	5.3	0.14
Plymouth, to 9 p.m. ...	53	48	o. dr. dr.	1.3	0.64	Lowestoft, to 6 p.m. ...	50	41	o. c. b. c.	5.4	0.16
Paignton, to 6 p.m. ...	54	40	b. c. p. c.	7.5	0.48	Skegness, to 6 p.m. ...	50	45	r. b. c.	3.2	0.16
Torquay, to 6 p.m. ...	54	38	*	2.8	0.44	Scarborough, to 9 p.m. ...		38	b. c.	1.8	0.16
Teignmouth, to 9 p.m. ...	54	39	r. b. r.	2.6	0.30	Harrogate, to 6 p.m. ...	48	36	o. dr. o. b.	0.0	0.16
Weymouth, to 6 p.m. ...	54	46	r. o. p. r.	1.2	0.24	Buxton, to 6 p.m. ...					0.22
Bournemouth, to 6 p.m. ...	53	39		2.0	0.20	Darwen, to 9 p.m. ...	49	34	r. c. o. r.	0.0	0.22
Southsea, to 6 p.m. ...	55	45	*	3.8	0.22	Manchester, to 9 p.m. ...	53	41	o. r. c. o. r.	0.3	0.12
Bognor, to 6 p.m. ...	52	47	c. b. c. b.	3.1	0.16	Birmingham, to 9 p.m. ...	51	46	r. o. c. o.	0.5	
Worthing, to 6 p.m. ...	53	45	b. c.	3.2	0.17						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Malaga ... 5th Dec. 1910	0	0		Ins.	Utrecht ... 5th Dec. 1910	0	0		
Marseilles ...					Groningen ...				
Malta ...					Zurich ...	*	*		
Algiers ...					Geneva ...	*	*		
Tunis ...					Lugano ...	*	*		
Palermo ...					Berne ... 5th Dec. 1910	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Naples ...					Coire ...		*	Not received.	*
Brindisi ...					Castasegna ...		*		
Rome ...					Davos ...		*		
Vienna ...									
St. Petersburg ...									

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Direc.	Force.		Air.	Sea	Lat.			Long.	Direc.		Force.		
							Dry Bulb.									Wet Bulb.	
<u>Montreal</u> { 5th Dec. 1910 " 7am	0 50N	0 21W	Ins. 29.70 29.10	NW SW	4-5 4-5	- b	0 -	0 -	0 -	- -	<u>Arabia</u> { 5th Dec. 1910 " 7am	0 51N	0 15W 17W	Ins. 26.90 28.85	S W	4-5 4-5	- -
2 { 5th " 4am " 7am	50N 50N	15W 17W	28.90 28.85	S W	4-5 4-5	- bc	- -	- -	- -	- -							
<u>Philadelphia</u> { 5th " 4am " 7am	50N 50N	10W 12W	28.96 28.96	NE SE	4-5 4-5	- o	- -	- -	- -	- -							
<u>Caronia</u> { 5th " 4am " 7am " 3pm " 6pm	51N 51N 51N 51N	16W 17W 20W 21W	28.90 28.86 28.91 28.89	SW SW W W	4-5 4-5 4-5 4-5	- bc - bc	- - - -	- - - -	- - - -	- - - -							
<u>Oceanic</u> { 5th " 4am " 7am " 8pm " 6pm	49N 49N 49N 49N	28W 26W 22W 20W	28.92 28.89 28.97 28.97	W W SW SW	6-7 6-7 4-5 4-5	- c - bc	- - - -	- - - -	- - - -	- - - -							
<u>Arabia</u> { 5th " 3pm " 6pm	51N 51N	20W 21W	28.85 28.82	W W	1-3 1-3	- bc	- -	- -	- -	- -							

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
7th December, 1910.

7th December, 1910.																					
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. ships.	Rainfall.			
				At 82° Fahr. and M.S.L. Lat. 45°	Dry Bulb.			Dirac.	Force (0 to 12).	At 82° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.		Wet Bulb.	Change since Yesterday.				Dirac.	Force (0 to 12).	Max.	Min.
SCANDINAVIA.	Haparanda...	29.87	19	S	2	0	29.86	+0.09	33	32	+2	SW	2	f	*	33	3	*	-		
	Hernösand...	29.93	28	2	0	0	29.89	-0.04	32	?	+3	S	2	0	*	32	27	*	-		
	Stockholm...	29.93	36	SSW	2	f	29.85	-0.08	36	36	+4	SSW	2	f	*	37	30	*	-		
	Wisby...	29.97	37	SSW	2	0	29.82	-0.15	37	36	+5	SSW	6	f	*	37	27	*	-		
	Karlstad...	29.87	34	2	0	f	29.76	-0.11	35	34	+3	E	2	f	*	38	32	*	0.04		
	Færder (X'lania Fjord)	29.94	34	N	2	m	29.67	-0.27	35	35	+3	NE	5	r	2	35	32	*	0.04		
	Bodö...	29.63	38	E	4	0	29.59	-0.04	36	33	+3	E	2	h	1	38	32	*	-		
	Christiansund...	29.60	43	2	0	b	29.47	-0.13	44	38	-2	SSW	2	2	2	48	39	*	-		
ICELAND & FAEROE.	Skudesnaes...	29.63	44	SE	4	0	29.47	-0.16	41	40	-1	S	2	r	4	44	41	*	0.16		
	Isafjord...	29.25	31	NE	6	0	29.45	+0.27	29	*	-3	NE	7	0	*	*	*	*	*		
	Reykjavik...	29.08	35	2	0	0	29.24	+0.16	37	*	0	N	1	0	*	*	*	*	*		
	Seydisfjord...	29.05	40	W	3	bc	29.27	+0.22	34	*	-3	2	0	0	*	*	*	*	*		
BRITISH ISLANDS.	Thorshavn...	29.25	43	SE	2	0	29.44	+0.19	45	*	-1	0	2	r	*	*	*	*	*		
	Sumburgh Head	29.38	45	SSW	6	r	29.22	-0.16	45	45	+4	SSW	4	r	7	47	40	o. r	0.15		
	Stornoway...	29.24	46	SE	3	r	29.24	+0.00	43	42	-2	S	3	bc	3	46	40	c. op. bc	0.9	0.09	
	Castlebay (Barra Id.)	29.19	46	SSW	2	op	29.25	+0.06	46	45	+1	S	3	0	4	47	43	bc. op. 1.0	0.7	0.08	
	Malin Head	29.15	43	W	2	cm	29.25	+0.10	47	42	+5	S	2	bc	2	46	36	ogm. m. bc	*	-	
	Blackod Pt.	29.16	47	S	3	cm	29.23	+0.07	47	46	+6	SSW	3	cm	2	47	40	cm. bc	*	0.11	
	Valencia...	29.23	46	S	1	0	29.24	+0.01	49	47	+2	SSW	3	bc	4	52	39	bc. c. bc	3.6	0.06	
	Roche's Point...	29.27	48	WSW	3	0	29.32	+0.05	48	48	+4	SSW	2	0	3	51	43	cf. bc. c. r	*	0.17	
	Birr Castle	29.24	40	S	2	0	29.31	+0.07	40	39	-1	S	1	0	*	49	37	b. c. op	2.8	0.01	
	Donaghadee	29.24	43	SSW	1	0	29.35	+0.11	40	40	+5	WSW	1	bc	1	48	38	cr. og. bc	*	0.54	
	Liverpool Obsy...	29.29	45	SW	3	r	29.45	+0.16	42	40	-4	S	3	h	2	47	41	og. op	0.0	0.02	
	Holyhead...	29.26	47	W	1	om	29.39	+0.13	45	47	0	WSW	2	0	1	48	45	r. om	*	0.58	
GERMANY, & C.	Pembroke (St. Ann's Hd.)	29.32	49	SW	3	0	29.41	+0.09	50	48	+5	S	3	0	3	51	44	om. op. bc	1.0	0.41	
	Scilly (St. Mary's)	29.26	50	SW	4	cm	29.39	+0.13	50	50	+3	SSW	5	cm	5	52	45	c. bc. bc	4.5	0.05	
	Jersey (St. Aubins)	29.52	51	WSW	5	0	29.61	+0.09	48	48	-2	SSW	3	cm	3	54	48	c. bc. c. bc	8.8	0.01	
	Portland Bill	29.40	51	WSW	5	0	29.51	+0.11	51	50	+1	S	4	0	4	51	48	bc. bc	1.4	0.04	
	Dungeness...	29.33	50	SW	5	0	29.61	+0.28	49	48	+1	SSW	5	cm	4	51	47	bc. bc	0.0	0.03	
	Dover...	*	*	*	*	*	29.65	+0.32	48	47	+3	SSW	5	0	4	50	43	o. og	0.0	-	
	Wick...	29.31	46	S	1	0	29.25	-0.06	42	40	-3	S	1	bc	4	48	40	-	*	0.03	
	Nairn...	29.25	43	2	0	0	29.27	+0.02	40	38	-2	2	0	0	1	46	38	bc. c. bc	0.0	-	
	Aberdeen...	29.32	46	SSW	4	0	29.32	-0.02	40	39	-6	SSW	1	bc	3	48	40	omd. bc	0.0	0.03	
	Leith...	29.25	45	SSW	2	0	29.25	+0.00	38	37	-7	SW	1	m	*	48	37	ogm. c. op	*	0.01	
	North Shields	29.23	44	SSW	3	0	29.42	+0.19	42	41	-6	2	0	0	3	48	36	0	0.0	-	
	Spurn Head	29.20	43	SSW	5	0	29.51	+0.31	41	40	-1	SSW	4	r	4	45	37	om. c. cm. om	*	-	
FRANCE.	Yarmouth...	29.34	46	S	2	0	29.57	+0.23	44	43	+1	SSW	2	bc	3	48	41	o. c. om. bc	0.0	-	
	Clacton-on-Sea...	29.34	46	SSW	4	0	29.61	+0.27	45	45	+1	SSW	3	bc	3	47	41	c. ogm. c. bc	0.6	0.02	
	Nottingham...	29.31	46	SE	1	0	29.52	+0.21	42	41	-3	SSW	1	0	*	47	39	o. od. bc	0.0	0.01	
	Bath...	29.39	47	SE	1	0	29.52	+0.13	46	45	-3	2	0	0	*	50	40	-	0.0	0.02	
	Oxford...	29.44	44	WSW	4	0	29.57	+0.13	44	43	-2	SSW	2	bc	*	49	41	o. r. b	*	0.02	
	London (St. James's Pk)	29.33	50	SW	3	0	29.59	+0.26	47	46	0	S	1	cm	*	51	43	o. b	0.0	-	
	The Scaw (Skagen)	29.77	39	SE	2	0	29.68	-0.09	39	39	+1	SE	3	0	1	39	37	*	*	-	
	Fanø...	29.59	35	ENE	4	bc	29.57	-0.02	38	37	+6	S	2	m	*	38	32	*	*	-	
	Cuxhaven†...	29.60	33	SE	4	0	29.63	-0.03	41	44	+10	SW	3	m	*	41	31	*	*	-	
	The Helder...	29.47	45	SSW	3	0	29.65	+0.18	43	42	+5	SSW	2	0	*	46	37	*	*	-	
	Brussels...	*	*	*	*	*	29.76	+0.29	41	40	-5	S	1	0	*	53	39	*	*	0.04	
	Berlin†...	29.68	38	SE	4	0	29.73	+0.05	36	35	-5	S	1	0	*	43	28	*	*	-	
SPAIN & PORTUGAL.	Frankfurt†...	29.63	38	SW	1	f	29.81	+0.18	39	41	+6	2	0	f	*	43	32	*	*	-	
	Munich†...	29.60	51	SE	4	0	29.89	+0.29	42	38	+2	SW	3	f	*	54	39	*	*	-	
	C. Gris Nez	29.41	49	SSW	5	r	29.64	+0.23	45	45	+1	SSW	5	0	4	50	44	*	*	0.04	
	La Hève...	29.52	48	SSW	5	0	29.70	+0.18	45	42	+2	S	4	0	3	52	41	*	*	-	
	Brest...	29.55	51	SW	3	0	29.52	+0.03	51	50	+2	SE	4	m	5	52	48	*	*	-	
	Lorient...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Rocheport	29.66	52	W	3	0	29.69	+0.03	46	45	-6	SE	4	bc	2	54	43	o. c	*	-	
	Biarritz	29.82	55	W	6	0	29.75	+0.07	50	48	-7	SSW	2	bc	3	57	48	*	*	0.12	
	Paris...	29.56	46	SW	2	0	29.30	+0.26	43	43	-3	S	2	0	*	50	40	*	*	0.04	
	Belfort...	29.68	37	E	2	f	29.93	+0.25	42	42	+10	W	2	0	*	41	32	*	*	0.08	
	Lyons...	29.65	47	WSW	1	r	29.92	+0.27	42	42	-12	SW	1	f	*	55	42	*	*	1.18	
	Nice...	29.72	54	S	4	f	29.85	+0.13	46	46	-4	E	1	r	5	59	46	*	*	1.50	
PORTUGAL.	Perpignan...	29.73	53	WSW	3	0	29.91	+0.18	41	40	-16	W	1	0	*	59	40	*	*	0.03	
	Sanguinaire	29.83	60	SW	4	r	29.99	+0.16	55	53	-8	SW	4	0	6	57	52	*	*	0.16	
SPAIN.	Corunna	30.07	57	SSW	4	0	29.70	-0.17	61	56	+0.04	SW	6	bc	*	63	55	*	*	0.55	
	Lisbon	29.92	61	W	1	bc	29.92	+0.11	61	57	+0.05	W	3	0	*	*	*	*	*	-	
	Gibraltar	29.92	61	W	1	bc	29.92	+0.11	61	57	+0.05	W	3	0	*	*	*	*	*	-	
	Azores (P. Delgada)	29.92	61	W	1	bc	29.92	+0.11	61	57	+0.05	W	3	0	*	*	*	*	*	-	
PORTUGAL.	" Horta	29.70	62	WSW	5	bc	29.63	+0.07	63	59	-0.03	WSW	5	bc	6	68	59	*	*	0.28	
	Madeira (Puncha)	29.97	62	WSW	2	r	29.96	-0.02	66	61	+0.03	WSW	2	0	3	70	57	*	*	0.12	

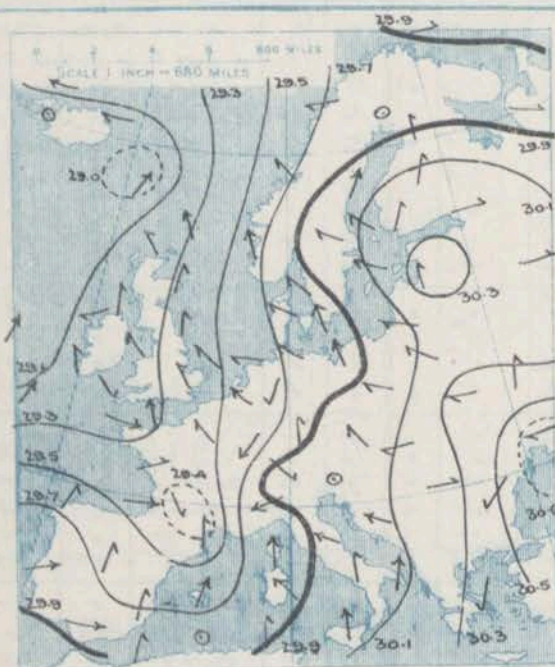
SUPPLEMENTARY CHARTS
OF
BAROMETER AND WIND
FOR 7 A.M. AND 6 P.M. YESTERDAY

Wednesday.

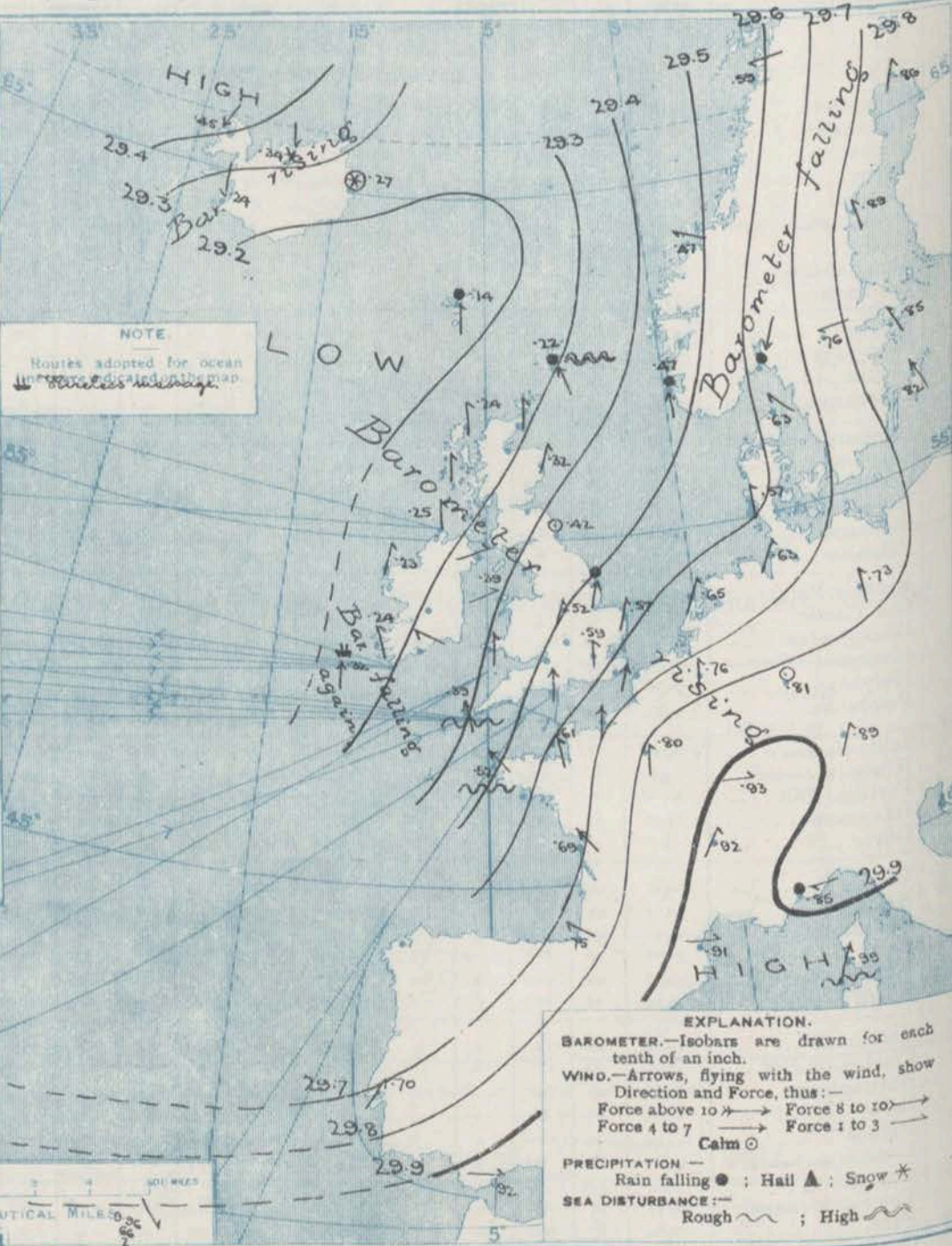
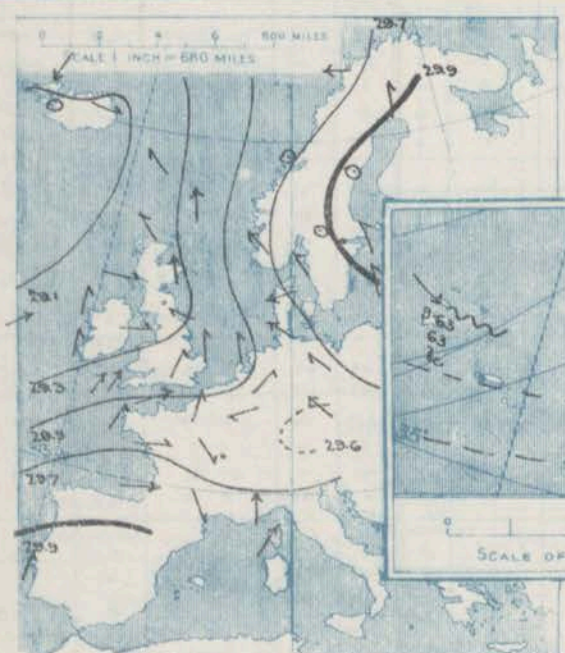
WEATHER 7th Dec:

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

7 A.M. YESTERDAY.

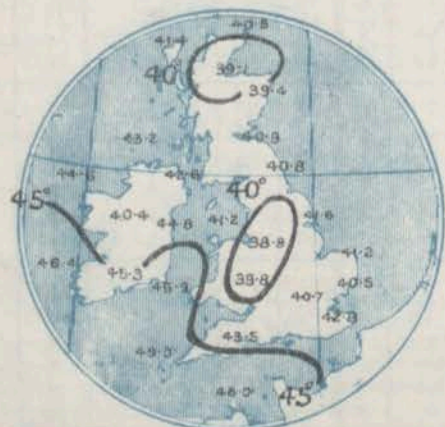


6 P.M. YESTERDAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

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.)



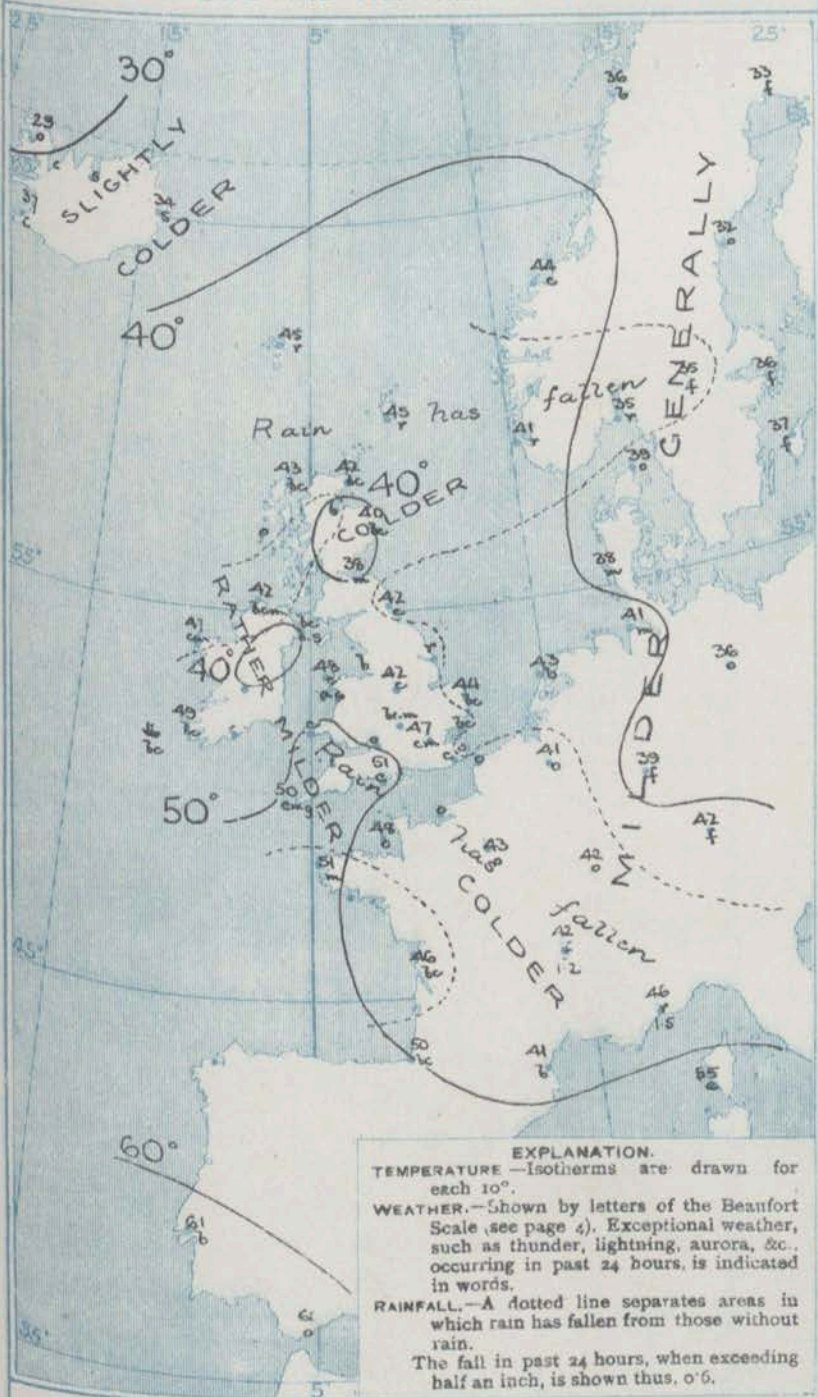
The barometer is relatively high in Sweden and also over Spain, and low in a large area covering the eastern portions of the Atlantic, but the gradient over Western Europe is at present slight. The barometer is rising in most parts of our islands, France and Germany but is inclined to fall on our extreme south-west coasts.

Southerly winds prevail over Western Europe generally, and although light or moderate in force in most places they blow freshly at some of the Channel stations. In the west of Norway the wind drives into South-east or East, while in Western Iceland it is strong from the North-Eastward. Temperature has changed rather irregularly, but fallen a little in most places. On our south-west coasts the morning readings range a little on either side of 50°, but at some of the northern stations it is no higher than 30°, and at least it stands at 38°. Readings below 40° are reported also in Scandinavia, Denmark and Germany, and slight frost prevails at most of the Icelandic stations. The weather is fair or fine over the greater part of the United Kingdom, but rain is falling on a few scattered parts of our north and east coasts. Fog prevails at several of the Continental stations, rain in the south of Norway and in the Faeröe, and snow in Eastern Iceland. The sea is moderate or slight generally, but rather rough at the mouth of the Channel, and high off Shetland.

CHARTS 7th December, 1910

WEATHER PROSPECTS

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



FORECASTS FOR THE 24 HOURS Noon Wednesday TO Noon Thursday

THE FURTHER OUTLOOK

- | | | | |
|----|---|--|--------------------------------|
| 0 | a | Southern winds, light to South-Easterly, moderate or fresh; fair to-day, some rain tomorrow. Temperature above the normal. | Continuing mild and unsettled. |
| 1 | b | | |
| 2 | a | Southern winds, freshening; fair to-day, some rain tonight or tomorrow. Continuing mild. | |
| 3 | b | | |
| 4 | a | Southern and South-Easterly winds, freshening considerably; fair at first, some rain later. Continuing mild. | |
| 5 | b | | |
| 6 | a | | |
| 7 | b | | |
| 8 | a | | |
| 9 | b | | |
| 10 | a | | |
| | b | | |

11 WESTERN CHANNEL AND BAY

Increasing southerly winds, and a rather rough sea; mild, unsettled, some rain.

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° or a trifle above it at most of our southern stations, and to 51° at Jersey. At a large number of places there was an entire absence of bright sunshine, but at Jersey the duration amounted to nearly 4 hours, and at Scilly to 4.5 hours. Rain again fell in most districts. Wireless reports show that as far west as the 16th meridian ships experienced moderate to fresh breezes from South or South-West, and fair weather.

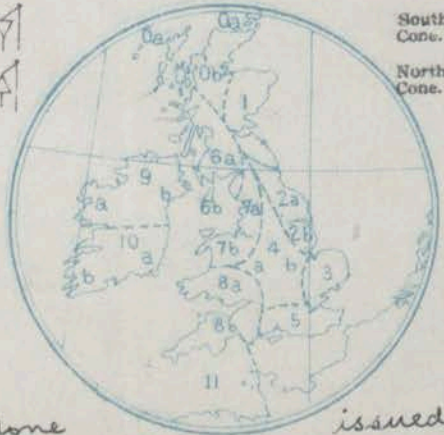
GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A new cyclonic system is likely to appear shortly off our west or south-west coasts, and the weather will therefore remain in an unsettled condition generally. Rain will set in to-day over our western districts, and will extend later to other parts of the Kingdom. Temperature will remain above the normal.

FORECAST DISTRICTS.

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

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



None issued.

If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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. °			
Oban, to 6 p.m. ...	47	39	c. or c. o	0.0	0.24	Brighton, to 6 p.m. ...	50	47	z	0.1	-
Dublin (City), to 4 p.m.	45	37	b. or bc	0.0	0.03	Seaford, to 6 p.m. ...	50	46	c. bc	0.2	-
Blackpool, to 9 p.m.	48	45	op. o	0.0	0.07	Eastbourne, to 6 p.m.	51	46	z	0.3	-
Southport, to 9 p.m.	48	44	or o	0.0	0.06	Bexhill-on-Sea, to 9 p.m.	50	46	o. bc	0.2	0.01
Rhyl, to 6 p.m.	49	45	o. b. or bc	0.0	0.09	Hastings ...	4	4	z	0.0	-
Colwyn Bay, to 6 p.m.	48	45	op. o	0.0	0.29	Folkestone, to 6 p.m.	50	45	o	0.1	-
Llandudno, to 9 p.m.	48	45	op or o	0.0	0.22	Deal, to 6 p.m. ...	50	44	om. cd. o	0.3	-
Bettws-y-Coed, to 6 p.m.	47	40	r	0.0	0.0	Ramsgate, to 6 p.m.	4	4	z	0.5	0.01
Towyn, to 6 p.m.	51	45	r	0.0	0.56	Margate, to 6 p.m.	49	43	or o	0.0	0.02
Aberystwyth, to 6 p.m.	50	44	z	0.0	0.51	Felixstowe, to 6 p.m.	46	43	z	0.8	0.01
Plymouth, to 9 p.m.	52	50	c. bc. bc	1.6	0.28	Lowestoft, to 6 p.m.	46	43	bc. o. c. o	0.0	-
Paignton, to 6 p.m.	52	49	z	1.3	0.19	Skegness, to 6 p.m.	46	43	m. bc. o	0.4	-
Torquay, to 6 p.m.	51	49	r. b	1.3	0.25	Scarborough, to 9 p.m.	?	43	oa	0.0	0.04
Teignmouth, to 9 p.m.	53	48	cp. bc. b	1.4	0.11	Harrogate, to 6 p.m.	47	42	b. op. o. d	0.0	0.11
Weymouth, to 6 p.m.	52	45	o. c. bc. b	1.5	-	Buxton, to 6 p.m.	44	35	o. od. of r	0.0	0.10
Bournemouth, to 6 p.m.	52	47	z	0.0	-	Darwen, to 9 p.m.	47	41	oguv. or	0.0	0.09
Southsea, to 6 p.m.	50	48	o. c. b	0.3	-	Manchester, to 9 p.m.	47	40	or o. or	0.0	0.05
Bognor, to 6 p.m.	52	46	o. c	0.4	-	Birmingham, to 9 p.m.	49	41	o. op. b	0.0	-
Worthing, to 6 p.m.											

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Malaga <i>6th Dec. 1910</i>	61	50	r. b	-	Utrecht <i>6th Dec. 1910</i>	48	37	b. bc	-
Marseilles ...	58	52	r. r	1.02	Groningen ...	46	36	b. b	-
Malta ...	64	56	b	-	Zurich ...	4	4	o. m	-
Algiers ...	66	57	o. o	0.16	Geneva ...	4	4	bc. f	-
Tunis ...	79	54	bc. o	-	Lugano ...	4	4	r. r	1.62
Palermo ...	71	59	b. b	-	Berne <i>5th Dec. 1910</i>	1.30 p.m.	1.30 p.m.		Measured 7.30 a.m.
Naples ...	61	56	b. c	-	Coire ...	4	4		
Brindisi ...	62	52	o. r	-	Castasegna ...	4	4		
Rome ...	63	59	o. o	-	Davos ...	4	4		
Vienna ...	41	39	f. o	-					
St. Petersburg ...	32	27	o. o	-					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
Philadelphia <i>5th Dec. 3pm</i>	50N	16W	28.94	WNW	4-5	-	0	0	0	-		0	0	Ins.			
Lake Champlain <i>6th " 10am</i>	55N	10W	29.01	S	4-5	-	-	-	-	-							
Oceanic <i>6th " 4am</i>	49N	15W	29.06	SW	4-5	-	-	-	-	-							
	7am	49N	29.10	SW	4-5	-	-	-	-	-							
	3pm	49N	29.24	SW	4-5	-	-	-	-	-							
	4pm	49N	29.34	SW	4-5	-	-	-	-	-							
Montcalm <i>5th " 4am</i>	51N	26W	29.05	W	6-7	-	-	-	-	-							
	7am	51N	29.08	W	4-5	-	-	-	-	-							
	3pm	51N	29.05	W	1-3	-	-	-	-	-							
	6pm	51N	29.05	W	1-3	-	-	-	-	-							
	11am	51N	29.08	S	4-5	-	-	-	-	-							
	7am	51N	29.10	SW	4-5	-	-	-	-	-							
	3pm	51N	29.20	SW	4-5	-	-	-	-	-							
	6pm	51N	29.23	SW	4-5	-	-	-	-	-							
	7am	51N	29.32	S	4-5	-	-	-	-	-							

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.

W. N. SHAW (Director).

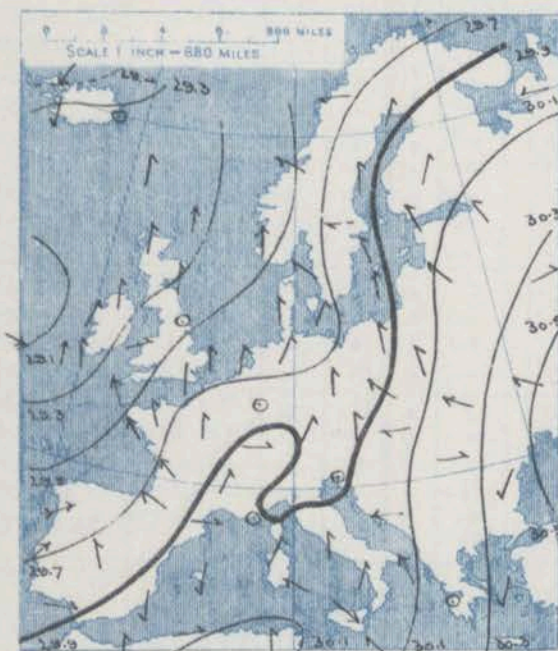
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

8th December 1910.

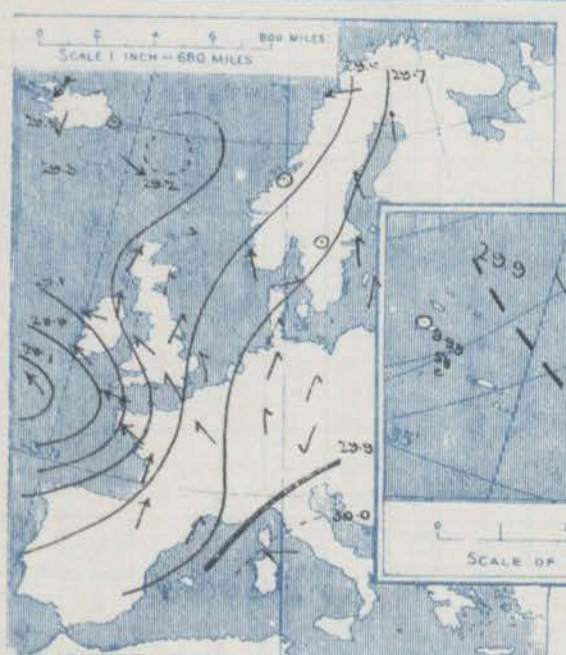
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.		
				At 82° Fahr. and M.S.L. Lat. 45°	Dry Bulb.		Dir.	Force (0 to 12).	At 82° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dir.	Force (0 to 12).				Max.	Min.
		In.	°				In.	In.	°	°	°				°	°		Hours.	In.		
SCANDINAVIA.	Haparanda...	29.72	33	S	4	f	29.58	-.28	33	33	0	SW	4	0	34	18			0.04		
	Hernösand...	29.70	35	SE	2	r	29.64	-.25	36	35	+1	W	2	0	36	27			0.04		
	Stockholm...	29.76	38	S	2	r	29.73	-.12	37	37	+1	SSW	2	0	37	34			0.04		
	Wisby...	29.76	38	SW	2	m	29.73	-.09	40	39	+3	SSW	2	0	41	28			0.04		
	Karlstad...	29.69	37	2	0	f	29.71	-.05	37	36	+2	2	0	38	28			0.02			
	Færder (K'ania Fjord)	29.64	35	NNW	2	f	29.71	-.04	36	35	+1	W	1	0	36	34			0.03		
	Bodö...	29.42	37	E	4	c	29.38	-.16	37	35	+1	E	4	0	37	32			0.08		
	Christiansund...	29.44	42	2	0	0	29.52	+.08	46	42	+2	WSW	3	0	45	41			0.16		
	Skudesnaes...	29.58	43	SE	6	0	29.65	+.14	43	42	+2	SE	4	0	43	39			0.12		
ICELAND & FAEROE.	Isafjord...	29.56	27	NE	8	0	29.70	+.15	27	26	-2	NE	7	0	28	26			0.04		
	Reykjavik...	29.32	35	N	3	c	29.54	+.30	32	31	-5	2	0	36	27			0.04			
	Seydistsfjord...	29.39	34	2	0	c	29.63	+.36	30	28	-4	E	2	0	34	26			0.04		
	Thorshavn...	29.21	43	WNW	3	c	29.43	+.29	42	41	-3	ENE	4	0	43	39			0.04		
BRITISH ISLANDS.	Sumburgh Head	29.27	43	WSW	2	b	29.46	+.24	41	41	-4	SE	4	0	49	39	c. b.		0.03		
	Stornoway...	29.36	45	SSW	4	c	29.28	+.04	43	42	0	S	4	0	46	39	c. b. b. d. o.	1.8	0.07		
	Castlebay (Barra Id.)	29.24	46	SE	4	c	29.15	-.10	47	45	+1	E	5	0	48	45	c. b. c. o. b.	1.6	-		
	Malin Head...	29.28	44	S	4	og	29.21	-.14	44	42	+2	SE	10	0	48	40	b. c. o. m. o. m. o. m.		0.03		
	Blackod Pt.	29.20	46	E	4	om	29.23	-.10	49	46	+2	S	5	0	49	42	om. o. m. b. o. m. o. m.		0.10		
	Valencia...	28.94	51	ESE	5	0	28.51	-.73	51	46	+2	SE	6	0	52	48	og. o. o. v.	0.0	0.36		
	Roche's Point...	29.03	50	SE	6	0	28.67	-.67	50	49	+2	SE	9	0	50	48	om. r. d. m.		0.25		
	Birr Castle...	29.13	46	SE	5	r	28.80	-.51	49	48	+9	S	7	0	50	39	c. o. u. r.	1.2	0.12		
	Donaghadee...	29.28	46	S	3	op	29.08	-.27	48	48	+8	E	6	0	49	37	b. c. o. p. o. g. m.		0.03		
	Liverpool Obsy...	29.44	46	ESE	4	0	29.19	-.26	45	44	+3	ESE	5	0	47	41	b. o.	4.9	0.02		
	Holyhead...	29.34	46	ESE	3	b. c. m.	29.06	-.38	49	47	+1	SE	3	0	49	44	op. m. b. o. m. o. m.		0.03		
	Pembroke (St. Ann's Hd.)	29.13	48	E	6	c	28.90	-.51	50	49	0	ESE	7	0	51	45	c. p. o. g. m.	0.2	0.03		
	Scilly (St. Mary's)	28.91	51	ESE	9	og. m.	28.75	-.16	52	51	+2	SE	9	0	52	50	og. m. o. g. m. o. g. m.	0.0	0.24		
	Jersey (St. Aubins)	29.32	48	ESE	6	og. m.	29.12	-.49	51	48	+3	SE	7	0	51	47	og. m. o. g. m. o. g. m.	0.0	0.04		
	Portland Bill...	29.30	49	ESE	8	0	29.09	-.42	51	50	0	SE	7	0	51	48	og. m. o. g. m.	0.1	0.01		
	Dungeness...	29.56	47	SE	6	og	29.32	-.24	49	48	0	SE	5	0	50	46	b. c. o. b. o. c.	0.0	-		
	Dover...	29.33	47	S	4	f	29.33	-.17	47	46	-1	S	4	0	48	44	o. c. b.	0.0	-		
	Wick...	29.40	46	S	2	b. c.	29.39	+.14	44	43	+2	S	3	0	48	38			-		
	Nairn...	29.40	38	2	0	b	29.32	+.05	46	43	+3	E	3	0	46	43	b. o. b. c.	4.5	0.01		
	Aberdeen...	29.46	42	SSW	2	b	29.40	+.08	46	43	+5	SE	4	0	46	36	b. o. b. o. c. o.	2.4	-		
	Leith...	29.44	44	SE	1	b. c.	29.47	-.08	46	43	+7	ESE	4	0	47	37	c. b. o. c.		-		
	North Shields...	29.49	44	SW	2	m	29.39	-.10	46	44	+3	S	4	0	48	39	om. m.	2.9	-		
	Spurn Head...	29.54	43	SE	5	c	29.34	-.17	43	43	+2	ESE	6	0	46	40	om. c. c. o.		-		
	Yarmouth...	29.61	45	SE	2	0	29.43	-.14	45	44	+1	SE	3	0	49	44	b. o. o. b. c.	2.1	-		
Clacton-on-Sea...	29.59	45	SE	2	0	29.35	-.26	45	44	0	SE	3	0	47	44	b. c. o. p. o. g. m.	2.8	-			
Nottingham...	29.53	46	ESE	2	b. c.	29.31	-.21	45	44	+3	SE	3	0	48	41	c. o. b. o. c.	0.2	-			
Bath...	29.40	48	2	0	0	29.17	-.35	50	48	+6	SE	1	0	51	46			0.02			
Oxford...	29.44	46	ESE	4	0	29.25	-.32	48	46	+4	ESE	2	0	49	44	b. o. m. o. g. m.		0.03			
London (St. James's Park)	29.53	47	SE	2	0	29.30	-.29	50	48	+3	SE	3	0	51	46	o. c. o.	0.1	0.01			
GERMANY, & C.	The Scaw (Skagen)	29.68	40	WSW	2	f	29.73	+.10	40	40	+1	WSW	2	0	41	37			-		
	Fanö...	29.76	40	SW	2	m	29.73	+.16	33	37	0	SE	2	0	41	37			-		
	Cuxhaven...	29.81	42	SW	1	0	29.73	+.10	36	38	-5	E	3	0	43	36			-		
	The Helder...	29.73	42	SE	1	0	29.57	-.08	38	37	-5	SE	2	0	45	37			-		
	Brussels...	29.84	40	SW	1	0	29.52	-.24	42	40	+1	SE	3	0	45	40			-		
	Berlin...	29.79	43	S	1	f	29.71	-.10	40	39	+1	SE	2	0	46	37			0.04		
	Munich...	29.84	37	NE	2	b	29.84	-.05	30	100	-12	2	0	45	28			-			
FRANCE.	C. Gris Nez...	29.60	46	SE	4	c	29.39	-.30	45	44	0	SE	4	0	50	43			-		
	La Hève...	29.49	46	SE	7	0	29.31	-.39	44	43	-1	SE	4	0	50	41			-		
	Brest...	29.02	51	SE	7	r	28.89	-.63	53	52	+2	SE	8	0	53	50			0.08		
	Lorient...	29.39	54	SSW	6	0	29.17	-.52	50	48	+4	SE	5	0	54	45			0.12		
	Rochefort...	29.53	55	SSW	5	0	29.21	-.54	52	52	+13	S	6	0	61	50			0.04		
	Paris...	29.61	46	SE	3	b. c.	29.45	-.35	46	43	+3	SE	3	0	49	43			-		
	Belfort...	29.34	41	ESE	4	m	29.73	-.20	40	39	-2	E	4	0	50	36			-		
	Lyons...	29.73	48	S	1	b	29.61	-.31	45	43	+3	NE	1	0	51	44			0.01		
	Nice...	29.63	55	SW	3	b	29.48	-.43	55	48	+14	SW	3	0	62	41			-		
SPAIN & PORTUGAL.	Perpignan...	30.06	54	E	3	m	29.97	-.02	55	51	+3	SE	4	0	66	54			-		
	Sanguinaire...																	-			
	Corunna...																	-			
	Lisbon...																	-			
PORTUGAL.	Gibraltar...	29.76	60	W	4	0	29.70	-.22	63	60	+2	W	3	0	64	54			0.34		
	Azores (P. Delgada)...	29.91	67	NW	4	b. c.	29.99	+.36	68	64	-5	2	0	64	55			0.04			
	Madeira (Puncha)...	29.97	67	NW	3	0	29.95	-.01	66	61	0	NW	3	0	72	55			0.16		

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

7 A.M. YESTERDAY.

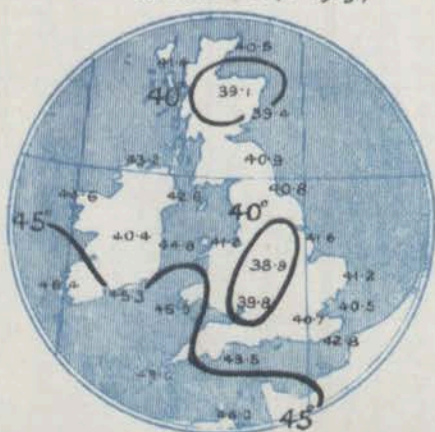


6 P.M. YESTERDAY



**AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD
NOVEMBER - DECEMBER.**

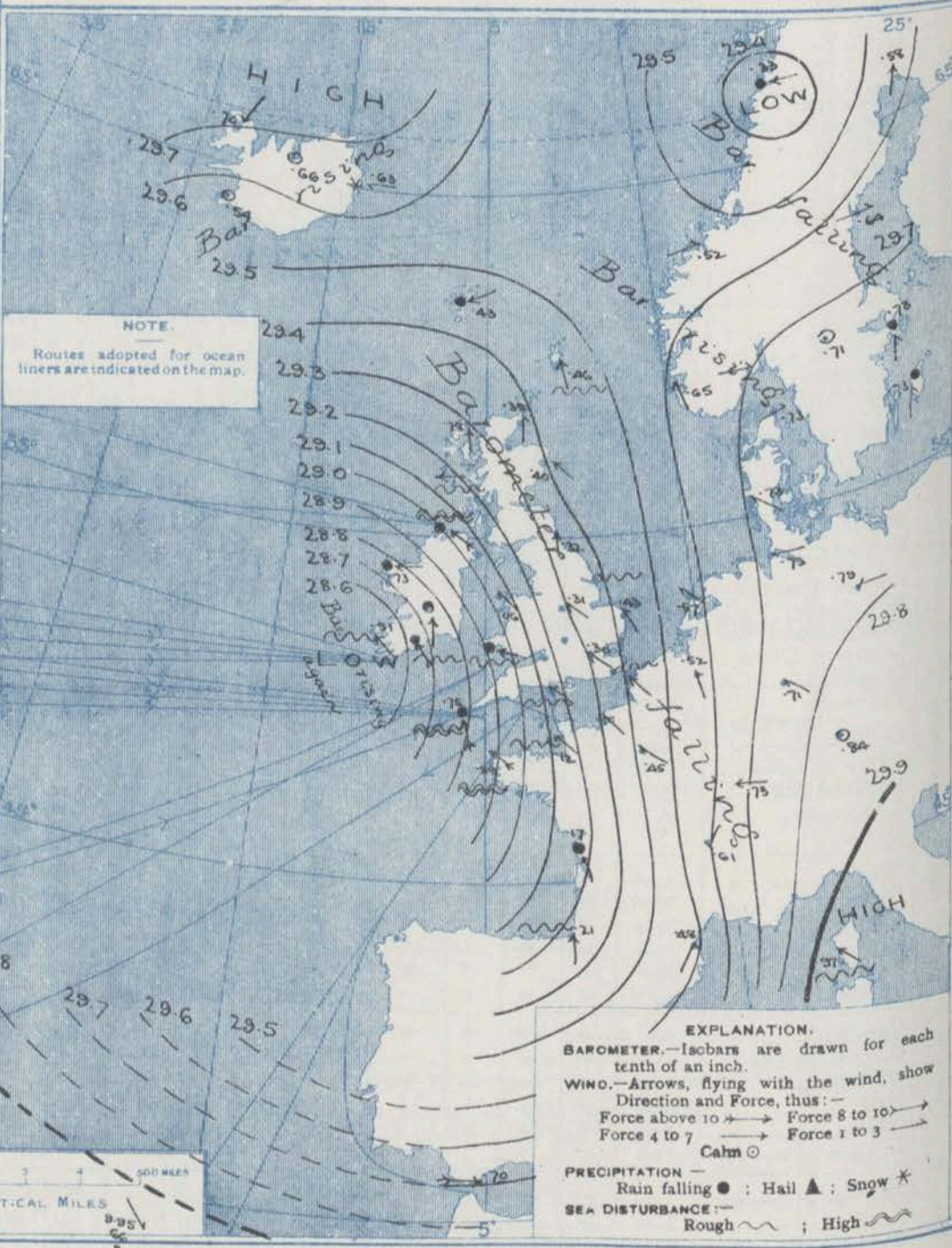
(Derived chiefly from Observations extending over the 35 years—1871-1905.)



Thursday.

WEATHER 8th Dec.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The centre of a deep depression has appeared off the south-west of Ireland, and over our west and south-west coasts the gradient is now very steep. The mercury continues to fall over western Europe as a whole, but is inclined to rise again in Ireland. The highest pressures are found at present over Germany.

Southerly or South-easterly winds prevail very generally, and blow with the force of a strong gale at the mouth of the Channel and on the more exposed parts of the Irish coasts. In Scandinavia the wind is light from West or South-West. Temperature has risen in most places, and continues rather high for the time of year. Over the United Kingdom the morning readings range from 50° or a trifle above it in the southern parts of England and Ireland to 41° at St. John's Head. In Sweden, Denmark and Germany the readings are below 40°, while in Iceland they range between 27° and 32°.

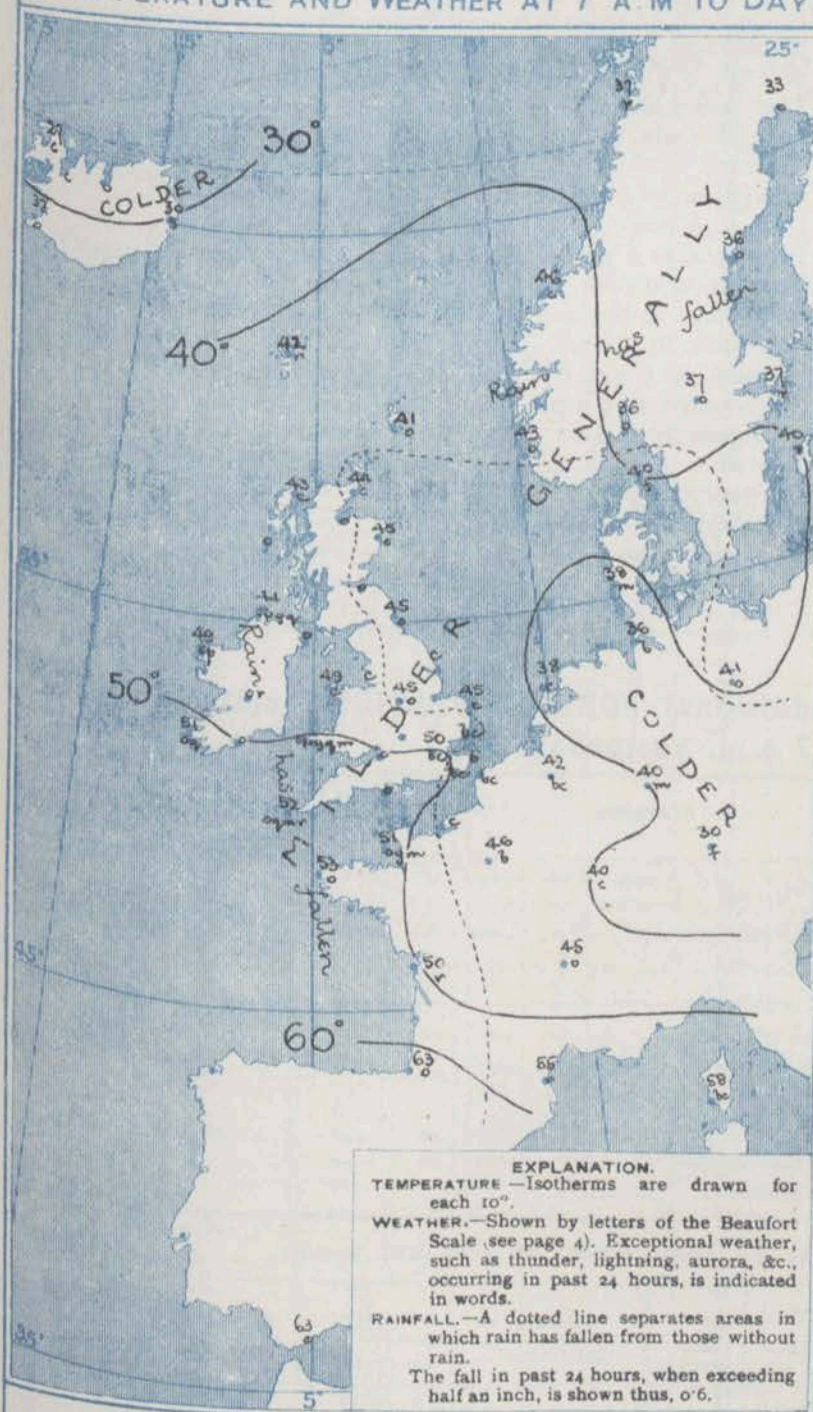
Rain is falling at several of the western stations in these islands and France, but in the south-east of England and in neighbouring parts of the Continent the weather is at present fair. Rain prevails in the south of Sweden and in Finnmark and the Faeröer, and snow at Seydisfjörð.

The sea is rough or rather rough on nearly all parts of our own and the French coasts, and high at Malin Head and Bally.

CHARTS 8th December, 1910.

WEATHER PROSPECTS

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 most of our western and southern stations. The amount of bright sunshine was generally small, but more than 12 hours were registered at some of our northern and north-western stations. Rain has fallen in the west and south generally, but not heavily. Wireless reports show that to the westward of Ireland, as far west as the 19th meridian, ships experienced moderate to fresh winds from between S. and W., and fair weather; further to the southward the wind was strong from S.E., and the weather rainy.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The deep depression off the south-west of Ireland will continue to spread eastwards, and will occasion a further increase in the strength of the South-Easterly wind on our north and east coasts. Rain is probable in all districts, and temperature will remain above the normal.

FORECASTS FOR THE 24 HOURS
NOON *Thursday* TO NOON *Friday*

THE FURTHER OUTLOOK*

- | | | |
|----|--|---|
| 0 | $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ | Southerly and South Easterly |
| 1 | $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ | Winds, increasing in strength; dull, |
| 2 | | unsettled, some rain. Rather mild. |
| 3 | $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ | South Easterly to Southerly winds, |
| | | increasing in strength; fair at first, some rain later. Continuing mild. |
| 4 | $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ | South Easterly to Southerly winds, |
| | | strong to a gale on coast; dull. |
| 5 | $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ | unsettled, some rain. Continuing mild. |
| | | |
| 6 | $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ | Same as Nos. 0 to 2. |
| 7 | | |
| 8 | $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ | South Easterly to Southerly winds, |
| 9 | | strong to a gale in force; unsettled with occasional rain. Continuing mild. |
| 10 | $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ | |
| | | |

II WESTERN CHANNEL AND BAY

Strong winds and gales from South East, veering to South or South-West, with a very rough sea; mild, unsettled, occasional rain

FORECAST DISTRICTS.

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

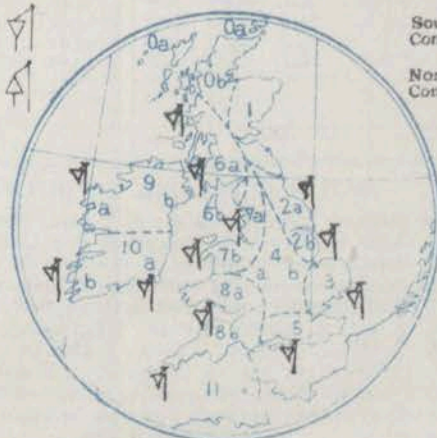
Signals hoisted yesterday.

Signals hoisted
this morning.

South
Cone.

South
Cone.

North
Cone.

North
Cone.

5 If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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. °			
Oban, to 6 p.m. ...	48	39	rg. bc. c	1.2	0.14	Brighton, to 6 p.m. ...	49	46	*	0.0	-
Dublin (City), to 4 p.m.	49	40	bc. bc. c	*	0.01	Seaford, to 6 p.m. ...	49	46	o. c. c	0.1	0.01
Blackpool, to 9 p.m. ...	48	37	m. bc. c	4.1	-	Eastbourne, to 6 p.m. ...	50	47	*	0.0	0.01
Southport, to 9 p.m. ...	48	39	oe. bc. c. o	4.2	-	Bexhill-on-Sea, to 9 p.m.	50	47	rg. v. bc	0.0	*
Rhyl, to 6 p.m. ...	51	39	bc. o. g. b	4.1	0.02	Hastings ...	*	*	*	0.0	*
Colwyn Bay, to 6 p.m. ...	52	46	bc. o. g. b	2.7	-	Folkestone, to 6 p.m. ...	49	41	o	0.0	-
Llandudno, to 9 p.m. ...	51	42	o. bc. c	3.7	0.02	Deal, to 6 p.m. ...	49	42	c. o	0.0	-
Bettws-y-Coed, to 6 p.m.	49	41	b	3.0	*	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.01
Towyn, to 6 p.m. ...	52	44	bc. c	2.4	0.02	Margate, to 6 p.m. ...	49	41	o	0.0	0.02
Aberystwyth, to 6 p.m. ...	51	44	*	1.7	-	Felixstowe, to 6 p.m. ...	48	40	*	3.4	-
Plymouth, to 9 p.m. ...						Lowestoft, to 6 p.m. ...	48	40	c. o	2.4	-
Paignton, to 6 p.m. ...	51	41	sp. o. org	0.0	0.08	Skegness, to 6 p.m. ...	48	41	o. bc. b	2.4	0.02
Torquay, to 6 p.m. ...	52	44	*	0.0	0.05	Scarborough, to 9 p.m. ...	?	39	og	3.0	0.04
Teignmouth, to 9 p.m. ...	56	43	r. c. r	0.2	0.03	Harrogate, to 6 p.m. ...	47	39	o. c. b. c. o	1.4	0.02
Weymouth, to 6 p.m. ...	52	48		0.1	0.05	Buxton, to 6 p.m. ...	46	35	of v. od. c. o	0.0	0.04
Bournemouth, to 6 p.m. ...	50	45	c. o. bc	1.4	0.08	Darwen, to 9 p.m. ...	44	36	org. o	0.0	-
Southsea, to 6 p.m. ...	54	45	*	0.0	0.02	Manchester, to 9 p.m. ...	48	41	o. c. bc. c. c	1.7	0.01
Bognor, to 6 p.m. ...	50	47	o. c. b. c	0.3	-	Birmingham, to 9 p.m. ...	48	39	o	0.0	-
Worthing, to 6 p.m. ...	50	40	c. o	0.1	-						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 7th Dec. 1910	64	48	bc. o	-	Utrecht ... 7th Dec. 1910	48	37	bc. o	-
Marseilles ...	59	45	o. b	0.59	Groningen ...	46	36	bc. o	-
Malta ...	63	65	r	-	Zurich ...	*	*	b	0.04
Algiers ...	70	55	o. o	-	Geneva ...	*	*	c	0.08
Tunis ...	81	54	m. o	-	Lugano ...	*	*	r	2.00
Palermo ...	78	56	o. r	0.04	Berne ... 6th Dec. 1910	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Naples ...	64	57	b. r	0.20	Coire ...	*			
Brindisi ...	66	52	o. b	-	Castasegna ...	*			
Rome ...	67	58	o. o	0.32	Davos ...	*			
Vienna ...	45	39	f. f	-					
St. Petersburg ...	52	7	b. o	-					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
Arabic { 6th Dec. 1910	51N	20W	28.77	WSW	6.7	-	o	o	o	-		o	o	Ins.			
- 7am	50N	25W	28.78	WSW	8.9	c	-	-	-	-							
Caronia { 6th Dec. 1910	50N	25W	28.91	W	6.7	-	-	-	-	-							
- 7am	50N	26W	28.93	W	6.7	bc	-	-	-	-							
Krossland { 6th Dec. 1910	50N	30W	29.11	W	6.7	-	-	-	-	-							
- 7am	49N	29W	29.05	W	6.7	r	-	-	-	-							
- 8am	49N	25W	29.09	W	6.7	-	-	-	-	-							
- 9am	49N	24W	29.07	WSW	6.7	c	-	-	-	-							
- 10am	49N	20W	29.08	SW	1.3	-	-	-	-	-							
- 11am	49N	19W	29.06	W	1.3	o	-	-	-	-							
- 12pm	49N	15W	28.80	WSW	4.5	-	-	-	-	-							
- 1pm	49N	14W	28.63	SSW	6.7	r	-	-	-	-							

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. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

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

METEOROLOGICAL OFFICE,
 LONDON, S.W.
 W. N. SHAW (Director).

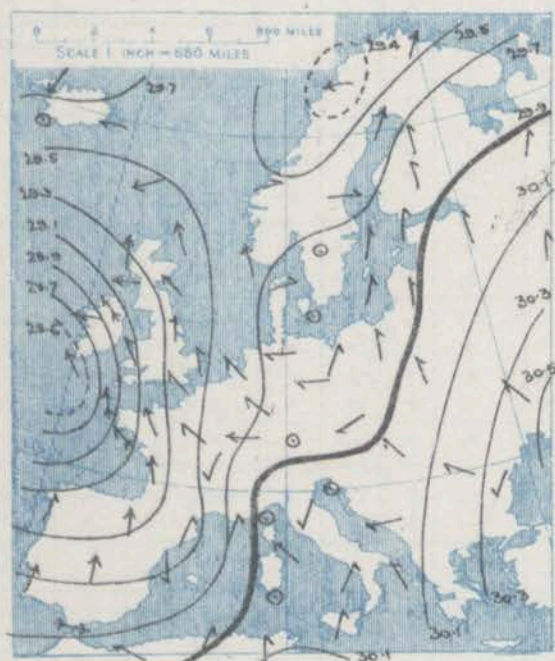
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
9th December, 1910.

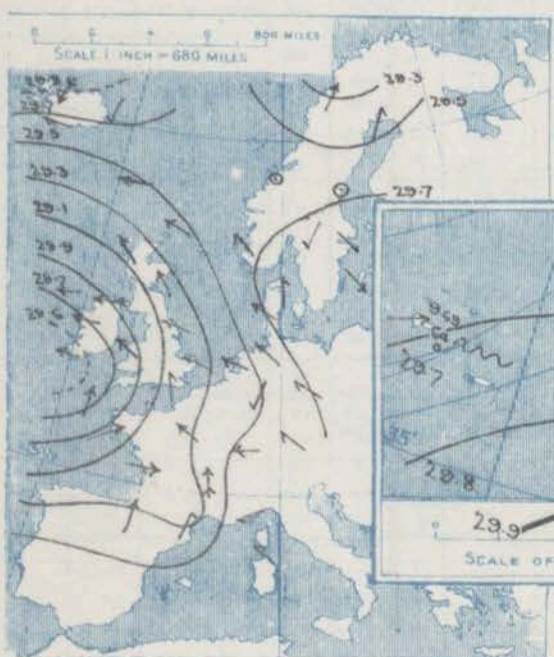
STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.				
	Barom.		Temp.		Wind.		Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. shining.	Rainfall.	Hours.	Ins.
	At 8 ¹ / ₂ Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 8 ¹ / ₂ Fahr. and M.S.L. Lat. 45°	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12).		Max.	Min.					
	Ins.	°	°				Ins.	Ins.	°	°	°				°	°					
SCANDINAVIA.	Haparanda...	29.49	35	SW	4	0	29.47	-11	28	28	-5	W	2	6	36	32					
	Hernösand...	29.69	27	2	0	6	29.74	+10	26	26	-10	2	0	6	36	26					
	Stockholm...	29.75	34	NW	2	0	29.85	+12	32	32	-5	SW	2	0	37	32					
	Wishy...	29.76	40	NW	4	0	29.85	+12	38	36	-2	NW	2	0	40	37					
	Karlstad...	29.80	33	ENE	2	0	29.84	+13	30	29	-7	2	0	f	3	3					
	Färder (X'ania Fjord)	29.77	32	N	2	f	29.80	+0.9	31	31	-5	NNE	4	m	36	30					
	Bodö...	29.30	42	SW	7	0	29.65	+3.2	36	33	-1	W	5	c	41	38					0.08
	Christiansund...	29.69	46	2	0	0	29.70	+1.8	40	37	-6	SE	1	c	46	39					
ICELAND & FAEROE.	Skudesnaes...	29.66	43	SE	2	6c	29.57	-0.9	41	39	-2	ESE	2	6	43	39	T. 0				
	Isafjord...	29.80	27	NE	7	c	29.84	+1.4	28	*	+1	NE	2	0	*	*					
	Reykjavik...	29.62	31	E	3	c	29.66	+1.2	31	*	-1	2	0	c	*	*					
	Seydisfjord...	29.76	28	NE	1	5	29.85	+7.2	28	*	-2	NE	4	0	*	*					
BRITISH ISLANDS.	Thorshavn...	29.49	42	E	6	0	29.41	-0.2	44	*	+2	SE	6	0	*	*					
	Sumburgh Head	29.45	39	ESE	5	c	29.34	-1.2	43	42	+2	ESE	6	c	47	41	0. c				
	Stornoway...	29.20	45	SE	4	c	29.01	-1.24	46	45	+3	SE	5	r	46	42	0.4. c. 0.4. p.	0.5			0.06
	Castlebay (Barra Id.)	29.09	48	E	5	0	28.90	-1.26	48	46	+1	ENE	4	op	49	46	0.4. om. 0. 0. p.	0.7			0.01
	Malin Head...	28.86	47	E	8	0	28.74	-1.17	47	44	+3	SE	4	cm	49	43	0.4. om. 0.4. p.				0.01
	Blacksod Pt.	28.73	49	E	6	0.9	28.62	-1.10	46	46	-3	E	5	cm	51	44	0.4. 0. 0. p.				0.04
	Valencia...	28.52	49	E	4	c	28.60	+1.09	48	46	-3	SW	2	c	52	47	0.4. c. 0. p.	0.4			0.19
	Roche's Point...	28.59	49	SE	4	0.4. m	28.60	-0.7	49	49	-1	SE	3	r	51	48	0.4. c. 0.4. p.				0.10
	Birr Castle...	28.70	48	SE	4	c	28.63	-1.17	47	46	-2	SE	3	0	51	44	0.4. p.				0.19
	Donaghadee...	28.98	43	ENE	9	r	28.89	-1.20	49	49	+1	ESE	5	0	50	47	0.4. c. 0. p.				0.15
	Liverpool Obsy...	28.99	46	E	5	r	28.96	-1.23	46	42	-1	ESE	3	6	50	44	0. 0. p.				0.04
	Holyhead...	28.86	46	ESE	5	4. m	28.83	-1.23	48	45	-1	SE	4	6c	51	45	0.4. c. 0. p.				0.15
	Pembroke (St. Ann's Id.)	28.71	46	SE	7	6c	28.63	-1.27	46	46	-4	SE	7	m	52	45	0.4. c. 0. p.	0.4			0.16
	Scilly (St. Mary's)	28.72	50	SSW	7	0.4. m	28.76	+0.1	51	50	-1	WSW	7	0.4. m	53	47	0.4. c. 0. p.	1.4			0.61
	Jersey (St. Aubins)	29.01	50	SSW	5	0.4. m	29.13	+1.01	49	47	-2	S	5	0.4. m	51	47	0.4. c. 0. p.	0.5			0.14
	Portland Bill...	28.92	51	SSW	7	0.4. m	28.93	-1.11	51	50	0	SE	2	0.4. m	52	48	0.4. c. 0. p.	0.6			0.32
	Dungeness...	29.09	49	SE	5	r	29.17	-1.15	49	48	0	S	6	c	52	47	0.4. c. 0. p.	0.0			0.20
	Dover...	*	*	*	*	*	29.24	-1.14	47	46	0	S	7	c	54	46	0.4. c. 0. p.	0.0			0.12
	Wick...	29.35	44	S	6	0	29.44	-1.25	45	44	+1	S	7	0.4. m	45	42					0.05
	Nairn...	29.24	47	SE	2	c	29.02	-1.30	46	44	0	ESE	3	0	48	43	0. c				0.01
GERMANY, & C.	Aberdeen...	29.31	45	SE	5	0	29.10	-1.30	45	45	0	ESE	6	r	46	45	0.4. c. 0. p.				0.11
	Leith...	29.19	46	E	3	c	28.99	-1.28	46	45	+1	SE	3	0.4. m	48	44	0.4. c. 0. p.				0.01
	North Shields	29.20	46	ESE	4	0	29.03	-1.29	46	46	+1	SE	2	0	47	39	0.4. c. 0. p.				0.08
	Spurn Head...	29.14	45	ESE	6	c	29.12	-1.22	43	43	0	SE	4	0.4. m	45	42	0.4. c. 0. p.				0.03
	Yarmouth...	29.22	46	ESE	4	c	29.19	-1.24	46	45	+1	S	2	6c	47	44	0.4. c. 0. p.	0.8			0.23
	Clacton-on-Sea	29.15	47	ESE	6	0	29.20	-1.15	46	45	+1	SE	4	6c	48	45	0.4. c. 0. p.	0.0			0.03
	Nottingham...	29.10	47	E	5	r	29.09	-1.23	45	44	0	SE	3	c	48	41	0.4. c. 0. p.	0.0			0.07
	Bath...	29.07	47	SE	1	0	29.02	-1.15	50	47	0	SE	4	0	51	47	0.4. c. 0. p.	0.0			0.23
	Oxford...	29.04	48	SE	4	0	29.08	-1.17	48	46	0	SE	4	c	50	46	0.4. c. 0. p.				0.15
	London (St. James's Park)	29.10	49	SE	3	0.4. m	29.13	-1.17	49	47	-1	SSW	4	6	51	47	0.4. c. 0. p.	0.0			0.13
	The Scaw (Skagen)	29.79	39	S	1	0	29.76	+0.3	39	37	-1	SE	3	0	41	37					
	Fanö...	29.63	37	SE	4	6	29.52	-1.21	40	40	+2	SE	6	c	41	36					
FRANCE.	Cuxhaven...	29.63	37	SE	4	f	29.49	-1.24	41	36	+5	S	4	0.4. m	41	36					
	The Helder...	29.33	42	SE	4	6c	29.34	-1.23	41	41	+3	SE	2	0	43	37					0.12
	Brussels...	*	*	*	*	*	29.37	-1.15	44	43	+2	SSW	3	6	51	41					0.04
	Berlin...	29.72	40	SE	1	0	29.62	-1.17	40	37	-1	S	3	0	43	37					
	Frankfurt...	29.49	38	NE	3	0	29.49	-1.22	39	34	-1	2	0	m	43	37					
	Munich...	29.61	33	SE	3	c	29.56	-1.28	37	35	+7	W	3	c	46	30					
	C. Gris Nez...	29.17	48	SE	4	r	29.25	-1.14	45	44	0	S	3	6c	50	45					0.20
	La Hève...	29.13	46	SE	4	0	29.27	-1.04	46	42	+1	S	4	6	48	41					0.02
	Brest...	29.06	52	SW	6	c	29.06	+1.17	51	50	-2	SW	6	0	54	46					0.08
	Lorient...	29.04	50	SW	5	6	29.16	-1.15	51	51		SW	6	0	54	39					0.16
	Rocheport...	29.17	52	W	5	0	29.38	+1.21	52	48	+2	SSW	5	0	54	50					0.71
	Biarritz...	29.30	57	SSW	4	0	29.55	+1.34	51	46	-12	S	2	6	54	50					0.16
SPAIN & PORTUGAL & C.	Paris...	29.41	50	SE	3	r	29.41	-1.04	47	42	-4	SE	2	0	52	41					0.28
	Belfort...	29.52	39	E	4	m	29.58	-1.15	41	41	+1	2	0	0	46	38					0.32
	Lyons...	29.32	58	S	8	0	29.65	+1.04	43	43	-2	NW	1	0	60	43					0.59
	Nice...	29.67	51	ENE	4	r	29.62	-1.25	47	47	+3	E	2	r	52	41					2.09
	Perpignan...	29.29	63	SW	3	0	29.57	+1.09	45	43	-10	W	1	6	62	44					
	Sanguinaire...	29.80	58	SE	5	0	29.80	-1.17	54	51	-4	SW	3	r	63	50					0.12
PORTUGAL & C.	Corunna...																				
	Lisbon...																				
	Gibraltar...																				
	Azores (P. Delgada)	29.76	55	NW	4	0	29.88	+1.18	52	50	-11	NW	4	6c	4	4					1.10
PORTUGAL & C.	" Horta...	29.78	65	WSW	4	0	29.69	-1.30	64	56	+6	WSW	5	0	66	62					0.16
	Madeira (Puncha)	30.02	66	NW	4	6	30.04	+1.09	64	59	-2	NW	4	0	70	52					

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

7 A.M. YESTERDAY.

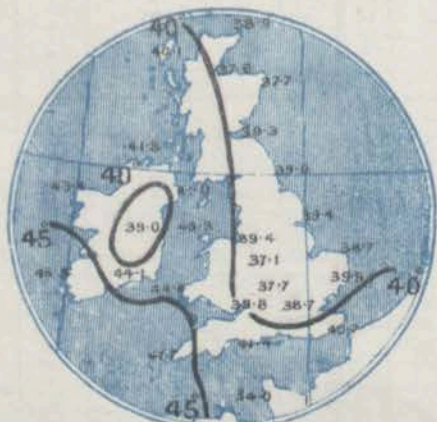


6 P.M. YESTERDAY



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

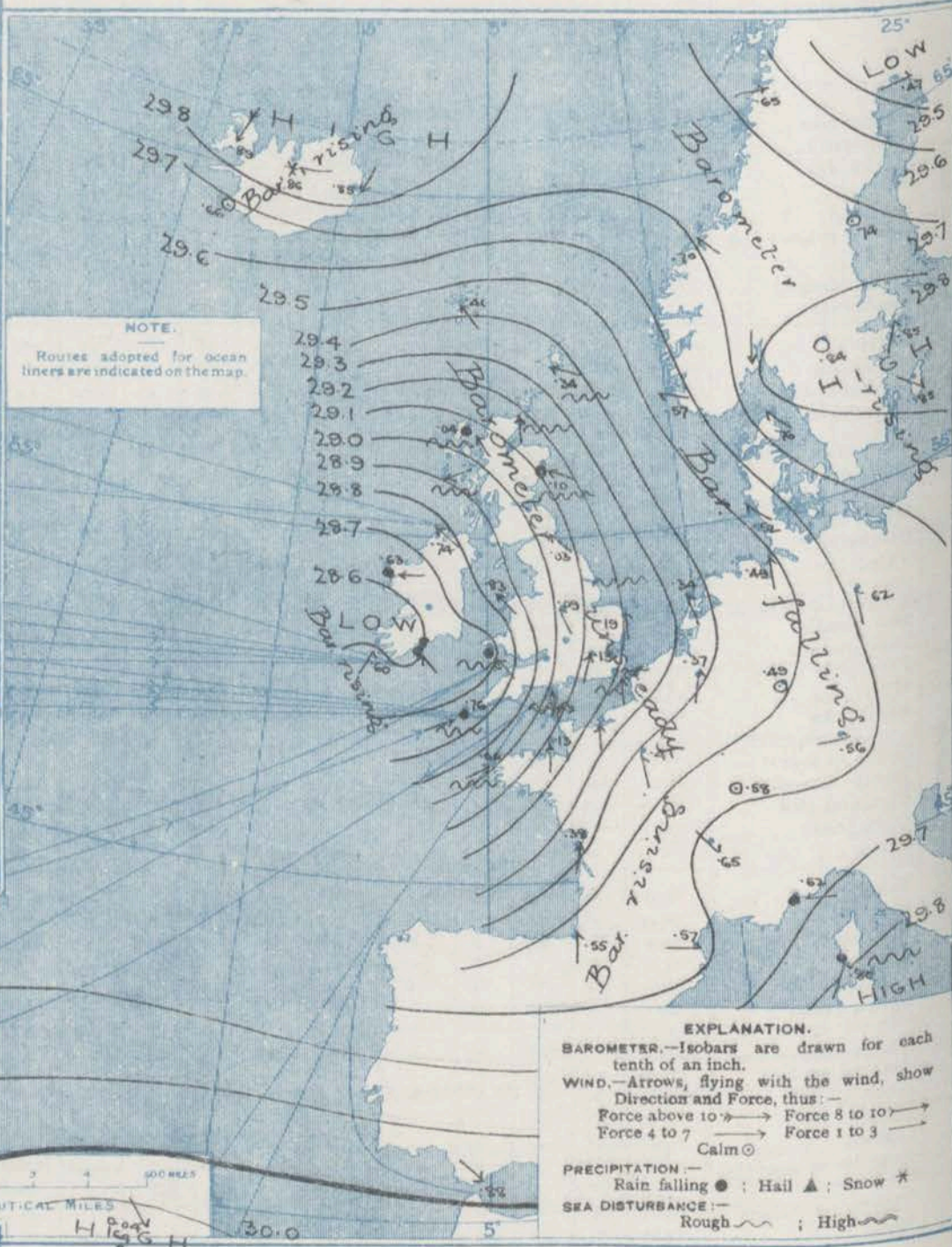
(Derived chiefly from Observations extending over the 35 years—1871-1905.)



Friday.

WEATHER 9th Dec^r

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



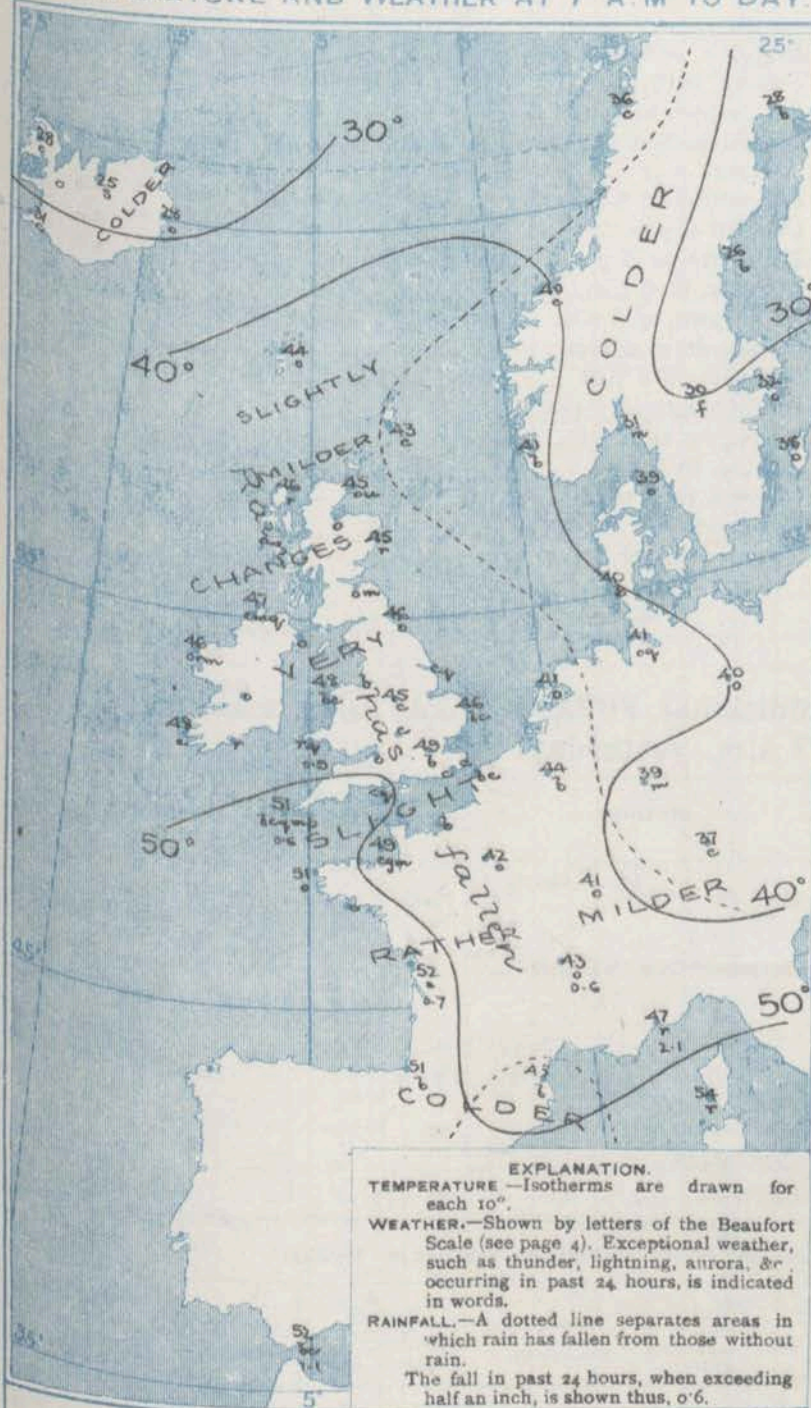
NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression noticed yesterday off the north-west of Ireland has extended its borders over nearly the whole of Western Europe, and a steep or rather steep barometric gradient is now reported generally. The central area of the disturbance is lying over the south of Ireland, and a small secondary minimum is approaching the mouth of the Bristol Channel.

South-easterly winds continue to prevail over the greater part of the United Kingdom and North Sea, and are strong or high in force on our extreme northern coasts. A southerly gale is blowing in the Channel, but at Scilly and in the west of France the wind has veered to the south-westward. Temperatures have fallen in Scandinavia, but changed very little elsewhere. Over the United Kingdom the morning readings range from 50° or slightly above it at some of our southern stations to 45° and also on the north-east coast of Scotland. Readings below 40° are reported in Germany, and frost prevails in Sweden and in Iceland, but is not severe. The weather is fair in the east and south-east of England, but dull and unsettled over Western Europe generally. Rain is falling at several of our own western and northern stations, as well as at Nice and Languis, and snow at Akureyri (Iceland). The sea is rough on all but our extreme western coast, and high off Portland Bill.

CHARTS 9th December, 1910.

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 most of our western and southern stations. In a large majority of places there was no bright sunshine, but at Lillie nearly an hour and a half was recorded. Rain fell generally, heavily at some of our south western stations. Wireless reports show that on the northern Atlantic route, and as far west as the 10th meridian, ships experienced gales, moderating to fresh winds, from East and North East, and cloudy, misty weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The cyclonic system over our islands is likely to remain for the present almost stationary, and mild, unsettled weather will therefore continue to prevail generally, with strong winds or gales on many parts of our coasts.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS
 NOON Friday TO NOON Saturday.

THE FURTHER OUTLOOK*

- 0 { S.E. winds, strong to a gale in force; mild and unsettled, with occasional rain.
- 1 { }
- 2 { S.E. to S. winds, strong in places; mild; changeable, some showers, fine intervals.
- 3 { }
- 4 { S. to S.W. winds, strong to a gale on coast; mild; changeable, some showers, fine intervals.
- 5 { }
- 6 { Same as Nos. 0 and 1.
- 7 { Same as Nos. 2 and 3.
- 8 { S.W. gales and strong winds; mild; changeable, some showers, fine intervals.
- 9 { S.E. to S. winds, strong in places; mild and unsettled, with occasional rain.
- 10 { }

Mild
 unsettled
 weather
 will
 continue

II WESTERN CHANNEL AND BAY

S.W. gales and strong winds, with a very rough sea; mild, squally, some showers.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

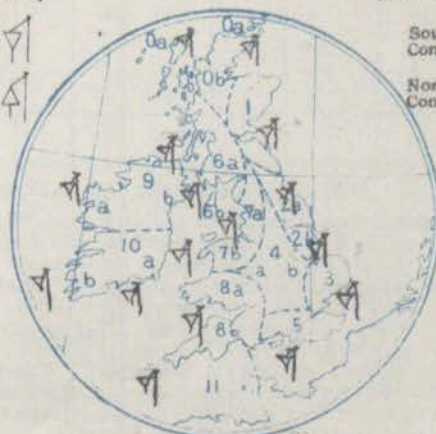
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



* If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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. °			
Oban, to 6 p.m. ...	49	40	g. c.	0.1	0.04	Brighton, to 6 p.m. ...	49	47	g.	0.0	0.34
Dublin (City), to 4 p.m.	51	46	c. ogy	0	0.02	Seaford, to 6 p.m. ...	50	45	or	0.0	0.03
Blackpool, to 9 p.m. ...	47	40	o. or	0.0	0.05	Eastbourne, to 6 p.m. ...	50	47	g.	0.0	0.31
Southport, to 9 p.m. ...	49	44	o. bc. o. r	0.0	0.03	Bexhill-on-Sea, to 9 p.m.	50	46	o. r	0.0	0.29
Rhyl, to 6 p.m. ...	50	40		0.0	-	Hastings ...	4	4	g.	0.0	0.06
Colwyn Bay, to 6 p.m. ...	49	45	bc. p. o	0.0	-	Folkestone, to 6 p.m. ...	49	43	or	0.0	0.05
Llandudno, to 9 p.m. ...	49	45	o	0.0	0.04	Deal, to 6 p.m. ...	48	44	c. or. r	0.0	-
Bettws-y-Coed, to 6 p.m.	46	36	o. r	?	g.	Ramsgate, to 6 p.m. ...	4	4	g.	0.0	-
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	49	43	o. r	0.0	-
Aberystwyth, to 6 p.m. ...	52	47	g.	0.0	0.07	Felixstowe, to 6 p.m. ...	47	44	g.	0.0	-
Plymouth, to 9 p.m. ...	53	49	or. ogy. or	0.0	0.58	Lowestoft, to 6 p.m. ...	47	40	c. bc. o	1.0	0.01
Paignton, to 6 p.m. ...	51	49	or. ogy. bc	0.0	0.77	Skegness, to 6 p.m. ...	46	43	o	0.1	0.01
Torquay, to 6 p.m. ...	51	49	g.	0.0	0.45	Scarborough, to 9 p.m. ...	?	43	og	0.0	0.04
Teignmouth, to 9 p.m. ...	51	50	r. or	0.0	0.75	Harrogate, to 6 p.m. ...	43	41	or. od. o	0.0	0.05
Weymouth, to 6 p.m. ...	51	49	p. c. bc	0.0	0.32	Buxton, to 6 p.m. ...	45	40	o. od. o. or	0.0	0.28
Bournemouth, to 6 p.m. ...	50	47	o. r. c	0.0	0.30	Darwen, to 9 p.m. ...	46	40	or. ogy. or	0.0	0.18
Southsea, to 6 p.m. ...	50	48	g.	0.0	0.43	Manchester, to 9 p.m. ...					
Bognor, to 6 p.m. ...	50	48	o. or	0.0	0.26	Birmingham, to 9 p.m. ...	48	43	o. ogy. o	0.0	
Worthing, to 6 p.m. ...	50	47	o. r	0.0	0.35						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 8th Dec. 1910	0	0		Ins.	Utrecht ... 8th Dec. 1910	0	0		
Marseilles ...	55	52	o. o	-	Groningen ...	45	37	o. o	-
Malta ...					Zurich ...	45	34	o. o	-
Algiers ...	68	61	o. o	-	Geneva ...	4	4	bc. o	0.08
Tunis ...	72	46	bc. o	-	Lugano ...	4	4	r. r	0.99
Palermo ...	64	47	bc. o	-	Berne ... 7th Dec. 1910	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Naples ...	62	52	o. o	0.79	Coire ...				
Brindisi ...	63	54	o. o	0.12	Castasegna ...				
Rome ...	63	49	o. o	0.04	Davos ...				
Vienna ...	46	45	o. o	-					
St. Petersburg ...	25	14	o. f	-					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Direc.	Force.	
Empress of Ireland	0	0	Ins.				0	0	0			0	0	Ins.			
	54N	26W	28.91	SW	1-3	bc	-	-	-			54N	26W	28.91	SW	1-3	bc
	54N	25W	28.93	SW	1-3	bc	-	-	-			54N	25W	28.93	SW	1-3	bc
	54N	20W	28.91	NE	4-5	o	-	-	-			54N	20W	28.91	NE	4-5	o
	55N	19W	28.93	NE	4-5	o	-	-	-			55N	19W	28.93	NE	4-5	o
	55N	18W	28.94	ENE	6-7	bc	-	-	-			55N	18W	28.94	ENE	6-7	bc
	55N	13W	28.81	E	8-9	bc	-	-	-			55N	13W	28.81	E	8-9	bc

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
† The figures in the "wet bulb" column represent the relative humidity.
‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

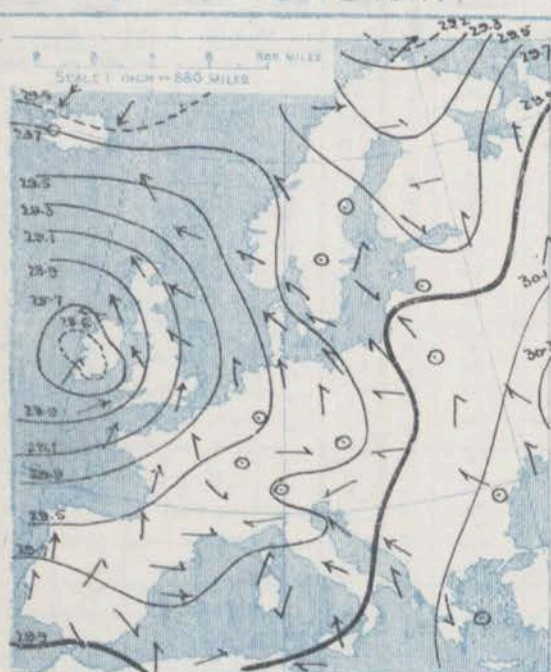
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday
10th December 1910.

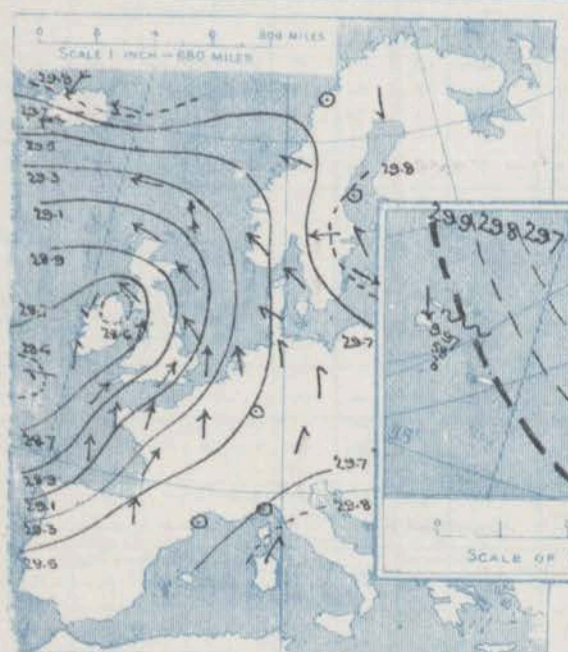
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.	Force (0 to 12).	Weather.	At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	TEMP.		Weather.	Run. shins.	Rainfall.	
																Max.	Min.				
		At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	Max.	Min.	Weather.	Run. shins.	Rainfall.	
SCANDINAVIA.	Haparanda...	Ins.	"				Ins.	Ins.	"	"	"					"	"		Hours.	Ins.	
	Hernösand...	29.72	17	N	2	6	29.81	+0.05	33	33	+3	WNV	6	0	"	34	16	"	"	0.04	
	Stockholm...	29.82	21	2	0	6	29.66	-0.08	30	30	+4	SW	2	0	"	30	19	"	"	-	
	Wisby...	29.89	34	SE	2	0	29.70	-0.15	38	37	+6	SE	4	0	"	38	32	"	"	-	
	Karlstad...	29.82	38	NW	4	0	29.61	-0.21	40	39	+2	SE	4	0	"	41	36	"	"	-	
	Færder (X'ianta Fjord)	29.78	33	E	4	0	29.60	-0.18	37	36	+7	2	0	"	"	38	30	"	"	0.28	
	Bodö...	29.69	37	E	5	0	29.54	-0.15	35	35	+4	N	4	0	"	37	30	"	"	0.51	
	Christiansund...	29.71	33	2	0	0	29.61	-0.10	30	28	-6	W	4	0	"	36	28	"	"	-	
	Skudesnaes...	29.53	37	SE	1	6	29.52	-0.01	36	35	-4	SE	2	0	"	40	34	"	"	-	
ICELAND & FAEROE.	Isafjord...	29.43	44	SE	6	0	29.37	-0.06	44	42	+3	SE	6	0	"	45	41	"	"	0.04	
	Reykjavik...	29.84	28	NE	9	C	29.72	-0.12	26	26	-2	2	0	C	"	"	"	"	"	"	
	Seydisfjord...	29.63	31	ENE	1	C	29.56	-0.07	31	31	0	N	1	0	"	"	"	"	"	"	
	Thorshavn...	29.87	28	E	3	S	29.78	-0.09	29	29	+1	NE	4	0	"	"	"	"	"	"	
BRITISH ISLANDS.	Sumburgh Head	29.28	43	E	7	T	29.15	-0.13	44	44	0	E	8	0	"	"	"	"	"	"	
	Stornoway...	29.13	44	SE	8	0	29.05	-0.08	45	45	+2	SE	4	0	"	46	42	"	"	0.17	
	Castlebay (Barra Id.)	28.83	44	SE	4	C	28.82	-0.01	47	40	+1	SE	6	0	"	48	43	"	"	0.33	
	Malin Head	28.70	47	ENE	4	C	28.76	-0.06	48	46	0	SE	4	0	"	49	44	"	"	0.16	
	Blacksod Pt.	28.59	44	SE	4	C	28.64	-0.05	45	44	-2	SE	4	0	"	49	42	"	"	0.01	
	Valencia	28.62	46	NE	3	om	28.62	-0.01	43	42	-3	NE	3	0	"	47	39	"	"	0.12	
	Roche's Point	28.45	48	S	2	bc	28.51	-0.06	47	45	-1	E	3	0	"	51	45	"	"	0.13	
	Birr Castle	28.73	49	WNV	4	0	28.76	-0.03	49	49	0	SE	2	0	"	51	44	"	"	0.12	
	Donaghadee	28.65	46	SW	3	C	28.60	-0.05	43	42	-4	SW	1	0	"	49	40	"	"	0.33	
	Liverpool Obsy...	28.63	47	SW	3	C	28.72	-0.09	49	48	0	SE	5	0	"	50	45	"	"	0.35	
	Holyhead	28.87	47	SE	4	0	28.82	-0.05	46	45	+2	SE	4	0	"	50	44	"	"	0.07	
	Pembroke	28.79	50	SW	6	rgm	28.72	-0.07	50	48	+2	SW	6	0	"	50	47	"	"	0.31	
	(St. Ann's Hd.)	28.84	50	S	6	C	28.65	-0.19	48	48	+2	SE	6	0	"	51	45	"	"	0.44	
	Scilly (St. Mary's)	28.84	50	S	6	C	28.65	-0.19	48	48	+2	SE	6	0	"	51	45	"	"	0.44	
	Jersey (St. Aubins)	28.87	48	SW	6	opgm	28.63	-0.24	50	50	-1	S	5	0	"	52	46	"	"	0.34	
	Portland Bill	29.20	50	SW	5	bcrgm	28.78	-0.42	50	48	+1	SE	6	0	"	54	48	"	"	0.16	
	Dungeness	29.04	51	SW	7	0	28.80	-0.24	50	50	-1	SE	8	0	"	55	49	"	"	0.21	
	Dover	29.18	51	S	7	C	29.01	-0.17	50	49	+1	SE	7	0	"	53	48	"	"	0.04	
	Wick	29.07	49	SE	6	rgm	28.65	-0.42	48	48	+2	SE	6	0	"	50	46	"	"	-	
	Nairn	28.92	46	S	7	0	28.93	-0.01	46	44	+1	S	4	0	"	46	43	"	"	0.12	
Aberdeen	28.83	46	SE	3	0	28.87	-0.04	44	42	-2	2	0	"	4	49	44	"	"	0.05		
Leith	28.91	46	SE	6	T	28.98	-0.07	47	46	+2	SE	4	0	"	5	48	45	"	"	0.39	
North Shields	28.77	46	S	2	0	28.88	-0.11	47	45	+1	E	4	0	"	50	45	"	"	0.14		
Spurn Head	28.89	47	SE	4	rg	28.95	-0.06	47	45	+1	SE	4	0	"	4	48	43	"	"	0.07	
Yarmouth	29.02	47	SE	6	T	29.00	-0.02	45	44	+2	SE	6	0	"	47	42	"	"	0.02		
GERMANY, & C.	Clacton-on-Sea	29.19	48	S	4	0	29.12	-0.07	46	44	0	SE	4	0	"	49	44	"	"	-	
	Nottingham	29.20	47	SE	6	0	29.07	-0.13	47	45	+1	SE	5	0	"	48	45	"	"	-	
	Bath	29.01	50	S	5	C	28.97	-0.04	47	46	+2	SE	5	0	"	50	44	"	"	0.10	
	Oxford	29.06	49	W	2	0	28.86	-0.20	49	47	-1	SE	1	0	"	52	47	"	"	0.54	
	London (St. James's Park)	29.10	48	S	3	0	28.93	-0.17	48	46	0	SE	4	0	"	51	47	"	"	0.07	
	The Scaw (Skagen)	29.04	50	SW	4	C	28.99	-0.05	49	46	0	SE	4	0	"	52	48	"	"	0.22	
	Fanö	29.59	41	SE	5	T	29.51	-0.08	41	41	+2	S	2	0	"	41	37	"	"	0.08	
	Cuxhaven†	29.49	39	SE	2	bc	29.47	-0.02	37	37	-3	SE	2	0	"	41	36	"	"	0.08	
FRANCE.	The Helder	29.51	39	S	1	6	29.47	-0.04	35	35	-6	S	2	0	"	41	35	"	"	0.16	
	Brussels	29.87	42	SE	4	C	29.81	-0.06	40	39	-1	SE	2	0	"	48	39	"	"	-	
	Berlin†	29.87	42	SE	4	C	29.81	-0.06	40	39	-1	SE	2	0	"	48	39	"	"	-	
	Frankfurt†	29.28	45	W	3	"	29.28	-0.09	45	43	+1	SE	4	0	"	50	42	"	"	-	
	Munich†	29.59	40	S	3	0	29.57	-0.02	38	38	-2	S	1	0	"	41	37	"	"	0.04	
	C. Gris Nez	29.58	39	2	0	m	29.50	-0.08	37	37	-2	E	1	0	"	43	32	"	"	-	
	La Hève	29.69	42	SW	4	T	29.58	-0.11	37	100	0	SE	2	0	"	45	34	"	"	0.04	
	Brest	29.11	48	SW	5	C	29.11	-0.04	48	44	+3	SE	5	0	"	52	45	"	"	-	
SPAIN & PORTUGAL.	Lorient	29.05	51	S	7	T	28.78	-0.27	52	51	+1	SW	6	0	"	50	45	"	"	0.04	
	Rochefort	29.15	51	S	6	bc	28.88	-0.27	51	51	0	SW	6	0	"	52	48	"	"	0.20	
	Biarritz	29.36	51	SW	5	0	29.10	-0.26	50	49	-2	SW	4	0	"	54	48	"	"	0.24	
	Paris	29.51	55	S	4	0	29.19	-0.32	59	50	+8	SW	7	0	"	59	51	"	"	0.16	
	Belfort..	29.43	51	SE	3	0	29.21	-0.22	48	43	+6	SE	4	0	"	54	41	"	"	-	
	Lyons	29.67	43	E	2	m	29.54	-0.13	37	37	-4	ENE	3	0	"	47	36	"	"	-	
	Nice	29.64	45	W	1	6	29.48	-0.16	51	45	+6	S	4	0	"	58	42	"	"	-	
	Perpignan	29.65	47	2	0	C	29.73	+0.08	47	47	0	2	0	"	55	45	"	"	0.43		
SPAIN & PORTUGAL.	Sanguinaire	29.63	45	2	0	6	29.34	-0.29	43	42	-2	NE	1	0	"	62	43	"	"	-	
	Corunna	29.82	50	SW	3	T	29.33	-0.49	54	52	0	E	4	0	"	55	50	"	"	0.20	
	Lisbon	29.56	60	SW	7	T	29.44	-0.12	58	56	+2	SW	5	0	"	61	46	"	"	1.06	
	Gibraltar	29.79	61	W	7	or	29.61	-0.18	60	58	+2	W	9	0	"	61	46	"	"	0.24	
SPAIN & PORTUGAL.	Azores (P. Delgada)	29.82	60	W	5	bc	29.97	+0.15	58	54	-4	NW	4	0	"	66	55	"	"	0.08	
	Madeira (Punchal)	29.95	65	NW	4	0	29.88	-0.07	65	57	+8	NW	4	0	"	70	55	"	"	0.32	

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

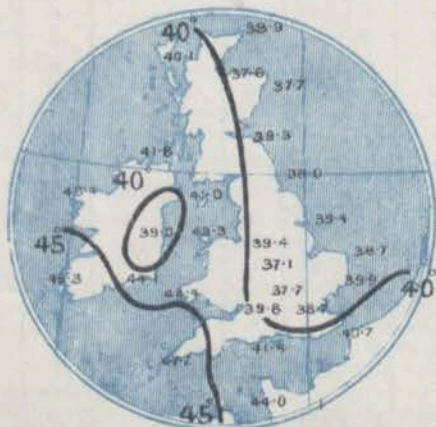
7 A.M. YESTERDAY



6 P.M. YESTERDAY



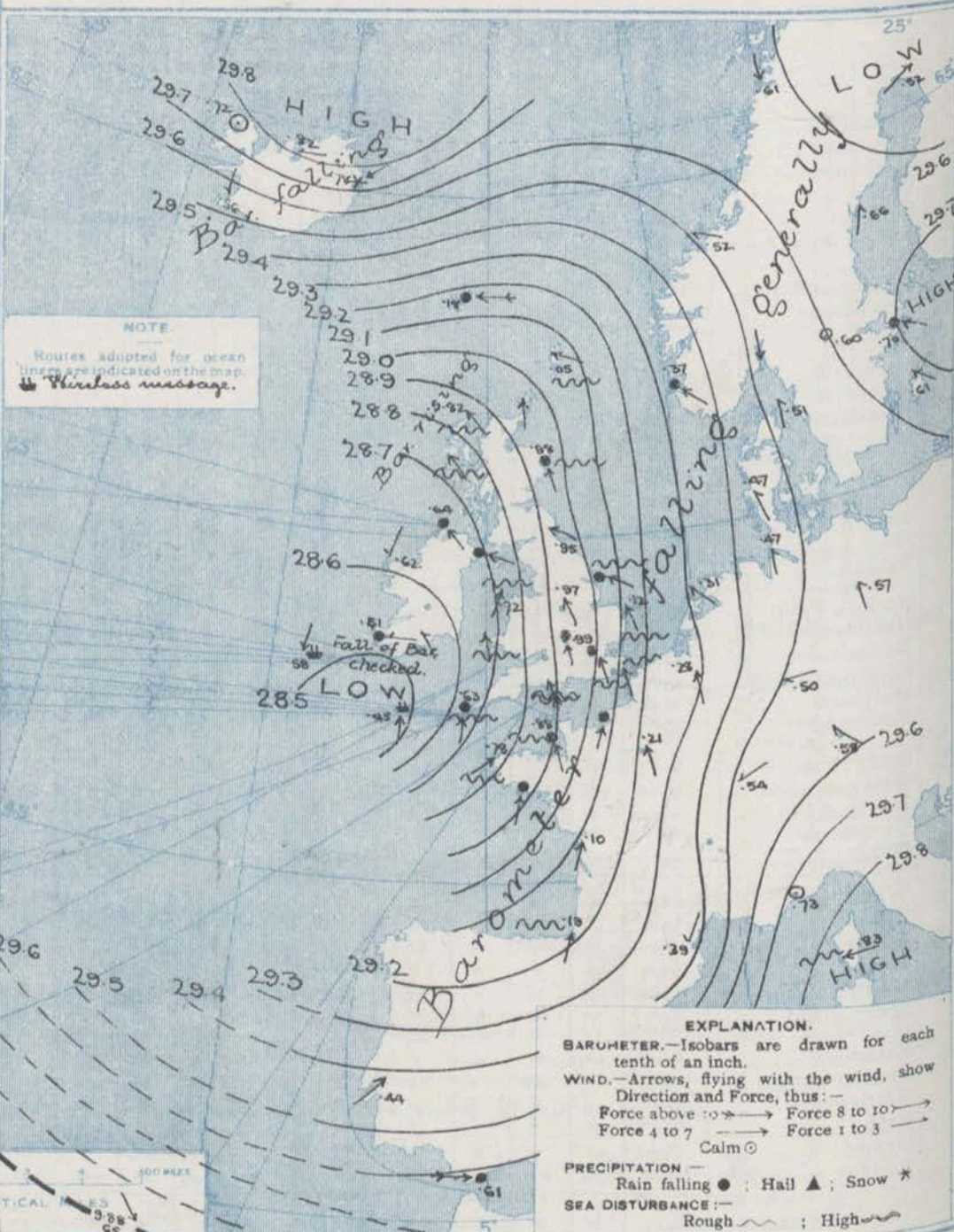
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Saturday,

WEATHER 10th Dec.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The recent depression has been joined by a new disturbance, which has arrived off our extreme south-west coasts, and a steep or moderately steep gradient still prevails over Western Europe generally. The highest pressures, 29.8 ins. and upwards, are found to the northward of Iceland, but readings above 29.6 ins. are reported in Sweden and in the south of Spain.

Southerly and south-easterly winds continue to prevail generally and blow strongly on many parts of the British and French coasts, a strong gale from West is reported at Gibraltar. To the northward of our Islands the wind is easterly, with a gale in the Faeroes. Temperature has fallen a little in Ireland and also in Germany, but remains high over Western Europe generally. Over the United Kingdom the morning readings range from 50° at the Channel stations to a trifle below 45° in central Scotland and Western and Central Ireland. Rain is still falling in many parts of the United Kingdom, in the south of Scandinavia, and in the Faeroes, and snow at Lycksefjord (Iceland). Fog prevails at some of the southern stations in Sweden and Germany. The sea is rough or rather rough on all but our extreme western coasts, and high off Portland Bill.

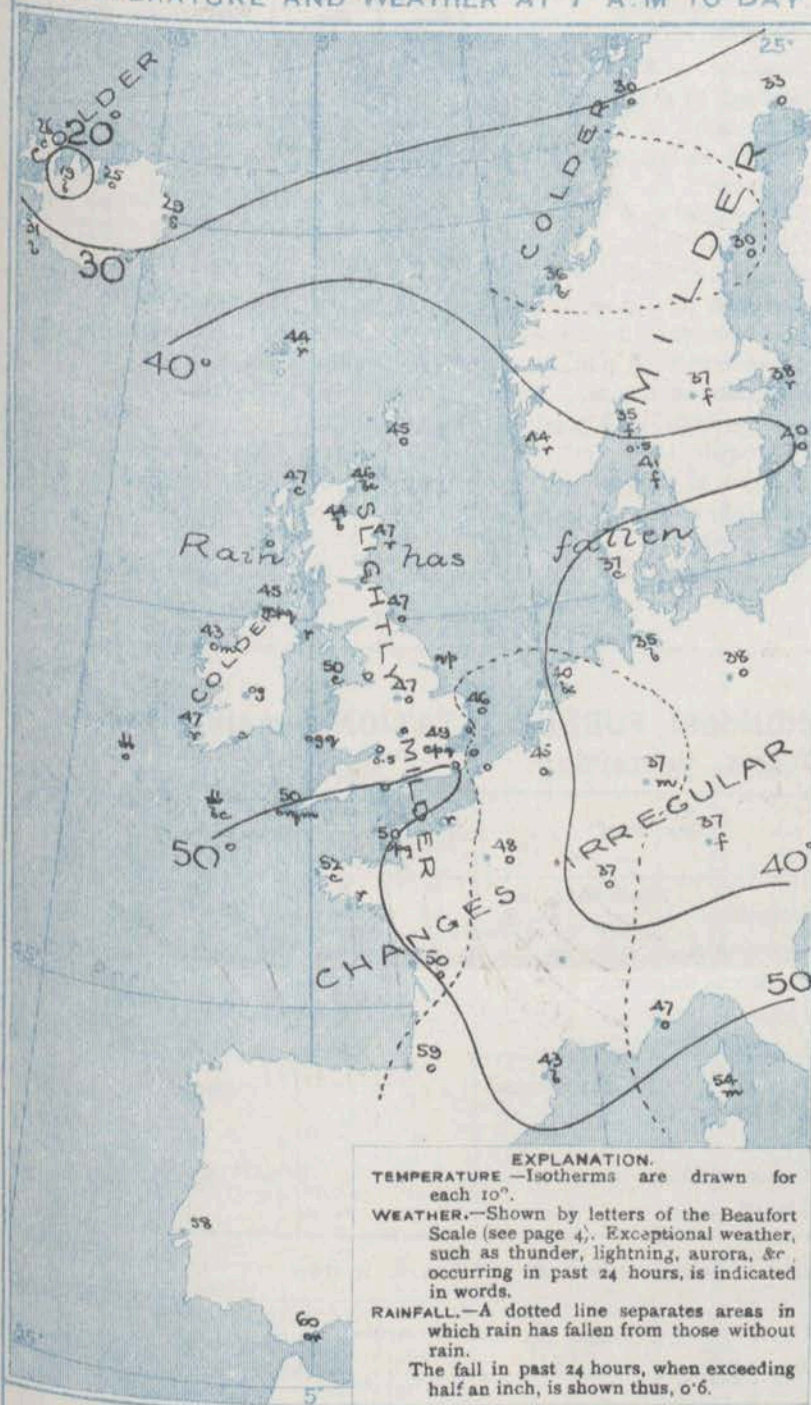
CHARTS 10th December, 1910

WEATHER PROSPECTS.

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

FORECASTS FOR THE 24 HOURS
NOON Saturday TO NOON Sunday.

THE FURTHER OUTLOOK



- 0 } South Easterly winds, strong in places; changeable, occasional rain; rather cooler.
- 1 }
- 2 } South Easterly winds, strong to a gale on coast; mild, unsettled, occasional rain.
- 3 }
- 4 } Southerly and South Easterly winds, strong to a gale on coast; mild, unsettled, occasional rain.
- 5 }
- 6 } Same as Nos. 0 and 1.
- 7 } Same as Nos. 2 and 3.
- 8 } Same as Nos. 4 and 5.
- 9 } Easterly and South Easterly winds, strong in places; mild, unsettled, occasional rain.
- 10 }

II WESTERN CHANNEL AND BAY

Strong winds and gales from the Southward, with a rough sea, mild and unsettled, occasional rain.

NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 50° and upwards in several parts of the United Kingdom, and to 55° at Oban. A small amount of bright sunshine was recorded in most places, and about 3 hours at Folkestone and Oban. Rain has again fallen generally, rather heavily at some of our south-western stations. Several reports show that between the 14th and 24th meridians ships experienced light breezes from between north and east, and fair weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The new depression off our south-west coasts is likely to spread eastwards, and to occasion a continuance of unsettled weather over the whole of the United Kingdom. Gales and strong winds from the South-Eastward are still probable on the English and Irish coasts.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

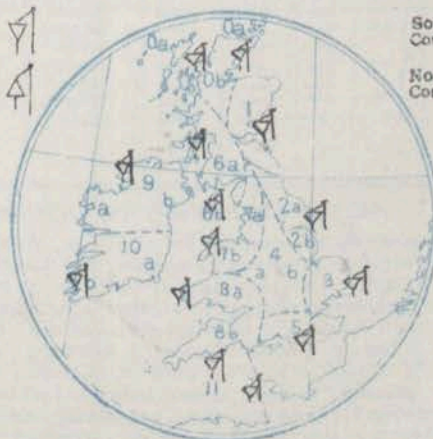
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



* If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.
	Max. °	Min. °					Max. °	Min. °			
Oban, to 6 p.m.	55	48	b. bc. or	3.2	0.10	Brighton, to 6 p.m.	51	48	*	0.0	0.01
Dublin (City), to 4 p.m.	49	46	cg. sq	*	0.36	Seaford, to 6 p.m.	52	48	*	1.3	-
Blackpool, to 9 p.m. ...	50	44	c. or. c	0.1	0.02	Eastbourne, to 6 p.m. ...	52	48	*	1.0	0.02
Southport, to 9 p.m. ...	50	44	b. or. bc. c	0.0	0.04	Bexhill-on-Sea, to 9 p.m.	51	48	*	1.2	0.02
Rhyl, to 6 p.m.	52	44		0.5	0.07	Hastings	*	*	*	2.1	*
Colwyn Bay, to 6 p.m. ...	52	46	bc. p	0.0	0.20	Folkestone, to 6 p.m. ...	50	46	o	3.0	0.08
Llandudno, to 9 p.m. ...				0.0		Deal, to 6 p.m.	52	46	c. bc. o	2.3	0.12
Bettws-y-Coed, to 6 p.m.	50	45		?	*	Ramsgate, to 6 p.m. ...	*	*	*	1.5	0.11
Towyn, to 6 p.m.						Margate, to 6 p.m.	51	44	b. o	0.7	0.05
Aberystwyth, to 6 p.m. ..	52	46	*	0.5	0.12	Felixstowe, to 6 p.m. ...	47	45	*	2.6	0.21
Plymouth, to 9 p.m. ...						Lowestoft, to 6 p.m. ...	54	39	c. c. or. o	2.0	0.05
Paignton, to 6 p.m. ...	53	48	cg. bc. c	0.5	0.22	Skegness, to 6 p.m.			r. bc. r. c	2.2	0.14
Torquay, to 6 p.m.	54	48	*	0.8	0.68	Scarborough, to 9 p.m. ...	?	43	cg	0.2	0.11
Teignmouth, to 9 p.m. ...	53	48	r. p. r	0.3	0.65	Harrogate, to 6 p.m. ...	47	43	op. c. op. o	0.0	0.21
Weymouth, to 6 p.m. ...	53	44	op. c	0.0	0.97	Buxton, to 6 p.m.	46	43	or. o. or. o	0.0	0.13
Bournemouth, to 6 p.m. ...	53	47	o. c. r	0.5	0.20	Darwen, to 9 p.m.	47	42	c. or. or	0.0	
Southsea, to 6 p.m. ...	52	48	*	0.2	0.26	Manchester, to 9 p.m. ...					0.16
Bognor, to 6 p.m.	52	49	or. o. q	0.2	0.13	Birmingham, to 9 p.m. ...	49	43	o. r. o	0.0	
Worthing, to 6 p.m. ...	51	48	or. o. c	0.2	0.07						

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 2d Dec. 1910	64	45	o. bc	0.32	Utrecht ... 2d Dec. 1910	48	39	c. bc	Ins. c. 0.08
Marseilles ...	61	54	r. o	0.24	Groningen ...	41	34	r. to	0.16
Malta ...	67	56	o.	-	Zurich ...	*	*	c. o	-
Algiers ...	81	52	o. o	0.35	Geneva ...	*	*	r. o	0.98
Tunis ...	75	48	c. o	-	Lugano ...	*	*	r. r	2.36
Palermo ...	72	48	b. o	-	Berne ... 2d Dec. 1910	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Naples ...	59	53	bc. o	-	Coire ...		*		*
Brindisi ...	62	48	b. o	-	Castasegna ...		*	Not received.	
Rome ...	60	57	o. o	-	Davos ...		*		
Vienna ...	50	36	o. f	-					
St. Petersburg ...	32	21	f. f	0.12					

[illegible]

* Information for these columns is not usually received.

W. N. SHAW (*Director*).

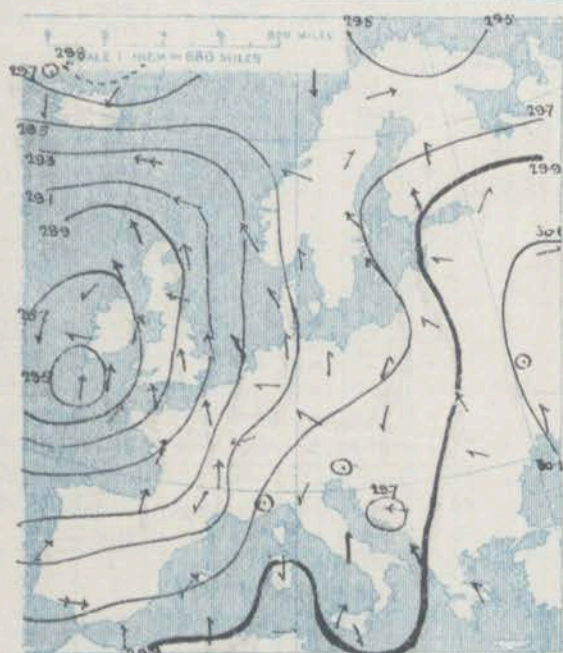
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday
11th December 1910.

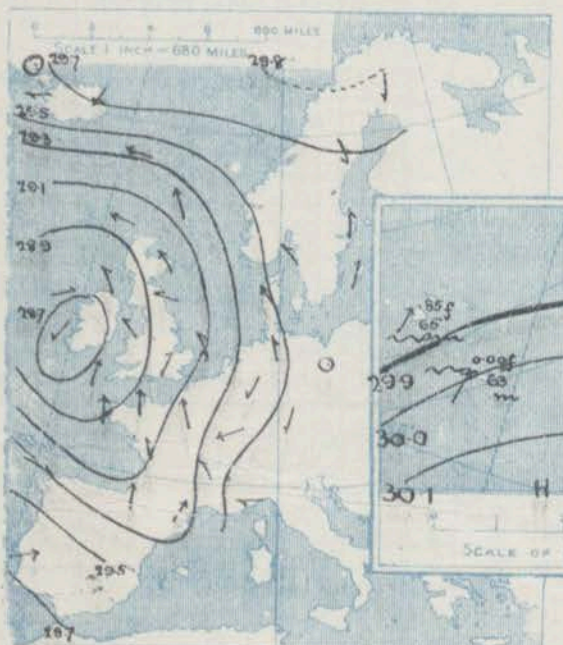
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.	Force (0 to 13).	Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.
		At 8 ^h Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dry Bulb.	Force (0 to 13).			At 8 ^h Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.					Max.	Min.			
SCANDINAVIA.		Ins.	°	Dir.	Force (0 to 13).	Weather.	Ins.	°	°	°	Dir.	Force (0 to 13).	Weather.	Sea (0 to 9).	°	°	°	°	°	°	°
Haparanda...		29.76	8	N	2	b	29.99	+47	-4	-4	-37	N	2	b	4	34	?	*	*	0.08	
Hernösand...		29.65	30	NNW	2	o	29.91	+25	22	21	-8	2	o	bc	4	32	222	*	*	0.08	
Stockholm...		29.62	38	SSE	2	r	29.79	+09	36	36	-2	NE	2	m	4	39	32	*	*	0.32	
Wisby...		29.59	34	SEW	2	o	29.74	+13	41	40	+1	2	o	o	4	43	34	*	*	0.24	
Karlstad...		29.63	34	Z	0	f	29.81	+21	33	33	-4	NE	2	o	4	4	4	*	*	0.04	
Færder (X'anta Fjord)		29.59	35	NE	4	o	29.73	+19	36	35	+1	NE	2	o	2	36	34	*	*	-	
Bodö...		29.83	21	N	1	b	30.02	+41	18	14	-12	E	2	b	2	30	16	*	*	-	
Christiansund...		29.61	35	NE	3	c	29.64	+12	33	30	-3	E	4	bc	3	36	30	*	*	-	
Skudesnaes...		29.43	45	SE	4	o	29.47	+10	45	44	+1	ESE	6	r	4	45	41	o	*	0.04	
ICELAND & FAEROE																					
Isafjord...		29.67	27	Z	0	b	29.56	-16	23	*	-3	Z	0	b	4	*	*	*	*	*	
Reykjavik...		29.53	32	E	3	b	29.48	-08	31	*	0	Z	0	c	4	*	*	*	*	*	
Seydisfjord...		29.73	31	NE	4	s	29.68	-10	34	*	+5	ENE	3	s	4	*	*	*	*	*	
Thorshavn...		29.27	44	ESE	6	c	29.34	+16	43	*	-1	ESE	8	o	4	*	*	*	*	*	
BRITISH ISLANDS.																					
Sumburgh Head		29.22	46	SSE	4	o	29.24	+19	45	45	0	SSE	5	r	6	49	43	o. r	*	0.15	
Stornoway...		28.93	47	ESE	3	c	29.02	+20	47	46	0	ESE	3	c	3	47	44	o.p.p. o.c.p	o. o	0.02	
Castlebay (Baers Id.)		28.82	48	ENE	4	op	28.95	+20	48	47	0	E	2	o	4	49	45	o. p. o. o	o. o	0.22	
Malin Head...		28.74	46	SE	3	gp.	28.88	+24	46	46	+1	SE	2	cm	2	49	43	o.p.m. o. o	*	0.17	
Blacksod Pt.		28.70	42	WSW	1	om	28.93	+31	46	45	+3	Z	0	om	2	47	38	om. om	*	-	
Valencia...		28.65	49	NE	1	c	28.98	+47	47	45	0	WNW	1	bc	3	52	45	o. c. b	1.2	0.10	
Roche's Point...		28.61	49	SE	3	opm	28.95	+39	46	45	-3	W	3	o	4	50	46	opm. o	*	0.07	
Birr Castle...		28.68	46	S	1	c	28.91	+31	45	44	+2	Z	0	o	4	51	42	ce. r	1.0	0.14	
Donaghadee...		28.78	49	SE	4	r	28.91	+19	49	49	0	SE	2	c	2	50	47	om. bc	*	0.49	
Liverpool Obsy...		28.86	48	ESE	4	bc	28.99	+17	46	45	0	SE	3	b	3	49	45	o.p. o	o. o	0.07	
Holyhead...		28.78	48	SE	2	cpm	28.88	+16	49	48	-1	S	5	r	4	50	46	cpm	*	0.37	
Pembroke (St. Ann's Hd.)		28.73	48	SE	4	o	28.94	+29	48	47	0	SW	4	o.p.m	5	50	46	o.p. opm	1.0	0.40	
BRITISH ISLANDS.																					
Scilly (St. Mary's)		28.72	50	SSW	4	bm	29.03	+40	48	47	-2	W	3	bcp	4	53	47	o.p.m. om. bc	1.4	0.15	
Jersey (St. Aubins)		28.97	51	S	4	o.p	29.16	+28	49	48	-1	SSW	4	og	3	54	47	bc. o.p. r. c	1.3	0.42	
Portland Bill...		28.87	51	SSE	4	c	29.05	+25	50	49	0	SSW	4	c	5	52	48	cp	o. b	0.18	
Dungeness...		29.02	51	SSE	6	c	29.11	+10	51	49	+1	SSE	3	c	4	52	47	cap	o. 3	0.10	
Dover...		*	*	*	*	*	29.19	+12	50	48	+1	S	5	o	3	51	46	o. p. o. c. p	o. 5	0.03	
Wick...		29.04	46	S	4	o	29.11	+18	45	44	-1	SSE	3	o	4	47	43	-	*	0.08	
Nairn...		28.97	48	ESE	1	c	29.04	+17	47	45	+3	ESE	1	o	1	49	43	b. c	o. o	-	
Aberdeen...		29.04	47	SE	4	o	29.11	+13	47	47	0	SE	4	o	4	48	46	o.p. o. p	o. o	0.11	
Leith...		28.92	46	E	3	r	29.00	+12	47	46	0	E	2	o	4	49	45	o. o. g. p	*	0.01	
North Shields		28.94	45	ESE	3	o	29.06	+11	47	46	0	SE	3	op	4	47	43	r. o	o. o	0.04	
Spurn Head...		28.99	45	ESE	6	r	29.09	+09	44	44	-1	SSE	5	p	5	45	42	cap. cp	*	0.05	
Yarmouth...		29.05	46	SSE	2	cp	29.15	+03	45	44	-1	SSE	2	c	3	48	44	cp. c. bc	o. o	0.03	
Clacton-on-Sea...		29.05	47	SSE	4	c	29.14	+07	46	45	-1	SSE	4	bc	3	48	46	o.p. r. c	o. o	0.02	
Nottingham...		28.94	48	SSE	3	c	29.06	+09	48	48	+1	S	2	o	4	49	46	cp	o. o	0.09	
Bath...		28.91	51	SW	2	o	29.05	+19	46	45	-3	S	2	b	4	52	45	-	o. o	0.33	
Oxford...		28.98	50	SSE	2	o	29.13	+20	47	46	-1	S	2	b	4	50	47	o. o. o. c. b	*	0.10	
London (St. James's Pk)		28.98	51	SW	3	o	29.11	+12	50	49	+1	SSW	1	c	4	52	48	om. op. o. c	o. o	0.08	
GERMANY, & C.																					
The Scaw (Skagen)		29.58	41	SE	3	f	29.66	+15	38	38	-3	SE	2	o	0	43	37	*	*	-	
Fanö...		29.44	37	SE	4	c	29.49	+02	38	38	+1	SE	3	o	4	41	37	*	*	-	
Cuxhaven†...		29.42	40	SSE	2	b	29.47	00	37	93	+2	SE	2	o	4	41	35	*	*	-	
The Helder...		29.24	45	SE	3	c	29.30	-01	42	39	+2	SE	2	bc	1	46	40	*	*	0.04	
Brussels...		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Berlin†...		29.55	40	Z	0	c	29.57	00	35	98	-3	SE	2	o	4	48	34	*	*	-	
Frankfurt†...		29.43	40	NE	2	c	29.45	-05	39	76	+2	NE	2	o	4	45	36	*	*	-	
Munich†...		29.57	35	NE	2	f	29.56	-02	37	76	0	SE	2	o	4	39	32	*	*	-	
FRANCE.																					
C. Gris Nez...		29.08	50	S	5	c	29.17	+06	48	46	0	S	5	c	4	52	46	*	*	0.12	
La Hève...		29.09	50	SSW	5	bc	29.22	+17	47	45	0	SSW	3	b	2	52	45	*	*	-	
Brest...		28.82	51	S	5	o	29.16	+38	51	51	-1	SW	3	o	5	52	48	*	*	0.12	
Lorient...		28.92	50	SSW	6	r	29.19	+31	51	51	0	WSW	4	o	7	55	48	*	*	0.47	
Rochefort...		29.09	51	SSE	4	c	29.31	+21	50	48	0	SW	4	o	4	55	48	o. c	*	0.04	
Biarritz...		29.15	61	SSW	6	o	29.44	+25	53	46	-6	S	3	b	5	63	52	*	*	-	
PARIS.																					
Paris...		29.19	50	S	3	r	29.29	+08	49	46	+1	S	3	o	4	55	46	*	*	0.08	
Belfort...		29.43	41	ENE	5	c	29.47	-07	43	41	+6	E	2	o	4	46	37	*	*	0.08	
Lyons...		29.36	51	SE	1	o	29.46	-02	49	48	-2	N	1	r	4	55	48	*	*	0.39	
Nice...		29.65	49	E	2	o	29.52	-21	54	54	+7	SSW	4	r.f	1	54	45	*	*	2.44	
Perpignan...		29.23	61	SW	6	b	29.43	+04	50	46	+7	WSW	1	b	4	68	43	*	*	-	
Sanguinaire...																					
SPAIN & PORTUGAL & C.																					
Corunna...		29.30	57	W	3	o	29.53	+43	54	54	+1	SSW	3	o	4	61	52	*	*	0.32	
Lisbon...		29.60	53	WSW	5	o	29.84	+40	53	49	-5	SW	4	o	4	61	52	*	*	0.24	
Gibraltar...		29.65	54	W	4	o	29.74	+13	52	50	-8	W	3	o	4	64	57	*	*	0.62	
Azores (P. Delgada)...		30.14	60	WNW	4	bc	30.00	+06	63	58	+4	SW	6	m	4	64	57	*	*	-	
" Horta...		30.10	61	SW	4	o	29.85	-12	65	62	+7	SW	6	o	6	66	58	*	*	-	
Madeira (Punchal)...		30.06	65	NW	4	b	30.														

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

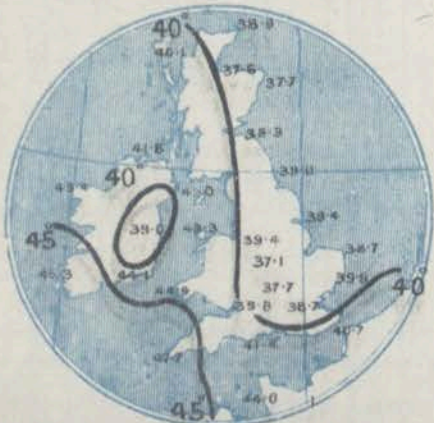
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

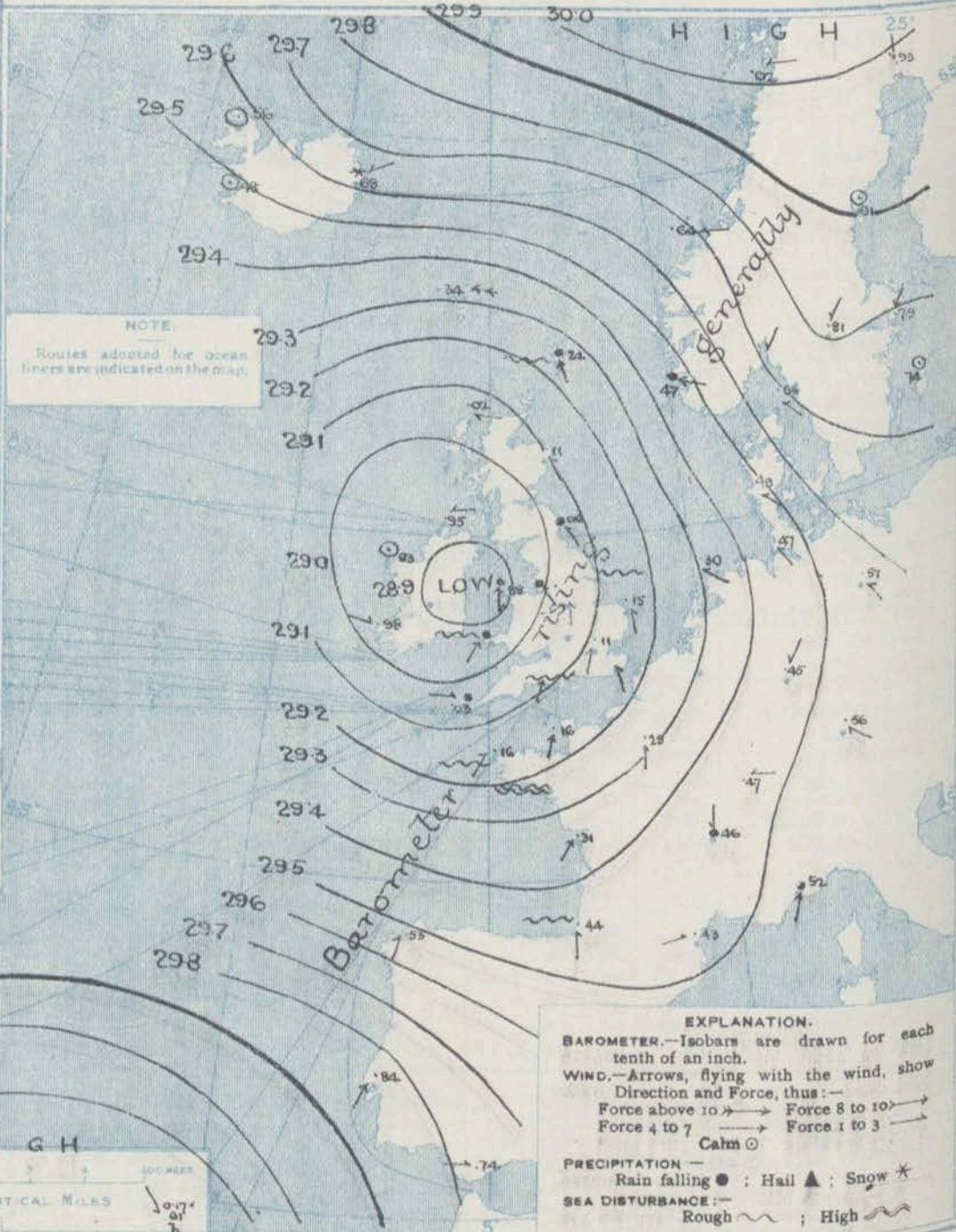


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Sunday, WEATHER 11th Dec.

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, about 30.2 ins., is now near Madeira. A deep depression occupying the western half of Europe is centred over St. George's Channel and eastern Iceland, with the barometer below 28.9 ins., but it is gradually filling up, and the gradient is consequently decreasing. A new disturbance is indicated to the northward of the Azores, where the barometer is giving way briskly.

The winds show a cyclonic circulation round the pressure minimum. They are mostly light to moderate in force, but spots reports a high North-Westerly wind, the force an Easterly gale. Strong South-Westerly winds have set in at the Azores. Temperatures continue high for the season nearly everywhere. At the Rome stations the readings range from 44° at Spurn Head to 51° at Bingen; over Western Europe from 35° at Berlin to 54° at Conino; in Scandinavia from 41° at Copenhagen to 45° at Stockholm and in Iceland from 23° to 34°. Locally the weather is fine and clear, but generally it is very cloudy to overcast, dull and gloomy, with rain in many places, and in the east of Iceland. A high sea is running on the upper part of the Bay, and it is rough off Scotland and the Azores, rather rough in a few other localities.

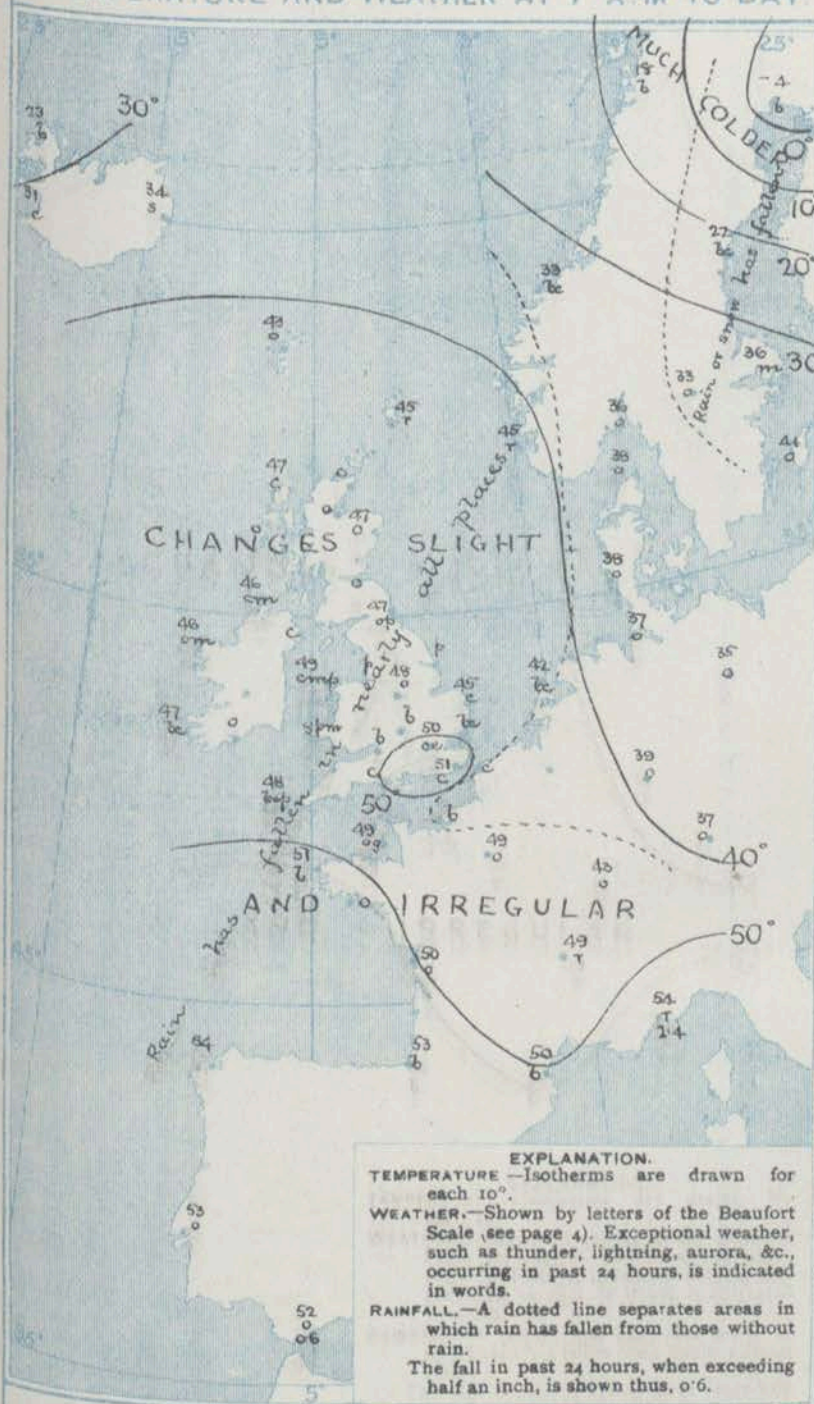
CHARTS 11th December, 1910.

WEATHER PROSPECTS

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

FORECASTS FOR THE 24 HOURS
NOON SUNDAY TO NOON MONDAY

THE FURTHER OUTLOOK



II WESTERN CHANNEL AND BAY

NOTES ON YESTERDAYS WEATHER

Temperatures of 50° and upwards occurred yesterday at a number of home stations, 55° at Colwyn Bay. Many of the night minima also were very high, 46° to 49°. Rain fell generally, in small quantities as a rule, but Donaghadee had $\frac{1}{2}$ inch, while Nieu had 2 inches. Buxton and Plymouth had $1\frac{1}{2}$ hour of bright sunshine, numerous neighbourhoods had none. On the Atlantic, as far west as the 18th meridian, ships experienced moderate or fresh northerly to north-westerly winds and fine to dull weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

FORECAST DISTRICTS.

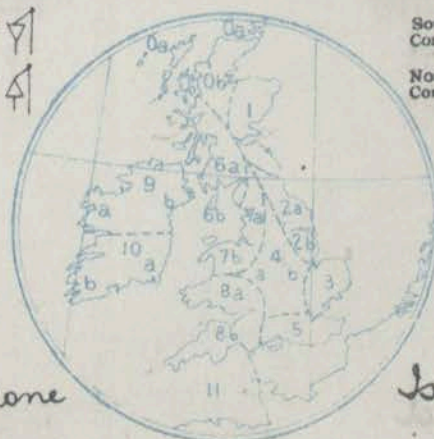
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.
North Cone.

South Cone.
North Cone.



None

Issued

3. If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

DAILY WEATHER REPORT.

11th December, 1910

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.			
Oban, to 6 p.m. ...	50	44	~	0.0	0.04	Brighton, to 6 p.m. ...			~		0.09
Dublin (City), to 4 p.m.	49	45	rq. cp		0.34	Seaford, to 6 p.m. ...	51	47	~	0.2	
Blackpool, to 9 p.m. ...	49	44	sp. o	0.0	0.04	Eastbourne, to 6 p.m. ...			~		0.13
Southport, to 9 p.m. ...	49	45	o. bc. r. bc. o	0.0	0.01	Bexhill-on-Sea, to 9 p.m.	51	47	-	0.0	
Rhyl, to 6 p.m. ...	51	45	o. bc. r. c	0.0	0.07	Hastings ...			~	0.0	
Colwyn Bay, to 6 p.m. ...	55	47	bc. o	0.0	0.02	Folkestone, to 6 p.m. ...	51	47	c. o. r. c	1.6	0.05
Llandudno, to 9 p.m. ...	51	46	st. o	0.0	0.07	Deal, to 6 p.m. ...	51	46	c. bc. p. c	0.5	0.06
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m. ...			~	0.6	0.05
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	51	47	o. bc	0.1	0.01
Aberystwyth, to 6 p.m. ...	52	45	~	0.4	-	Felixstowe, to 6 p.m. ...	48	45	~	0.2	0.04
Plymouth, to 9 p.m. ...	53	47	st. bc. org	1.8	0.48	Lowestoft, to 6 p.m. ...					
Paignton, to 6 p.m. ...	53	47	cp	0.5	0.33	Skegness, to 6 p.m. ...	46	45	o	0.3	0.01
Torquay, to 6 p.m. ...	54	48	~	0.3	0.30	Scarborough, to 9 p.m. ...	7	44	og	0.0	0.08
Teignmouth, to 9 p.m. ...	53	48	r. c. r	0.1	0.38	Harrogate, to 6 p.m. ...	47	44	c. o. p. o	0.0	0.03
Weymouth, to 6 p.m. ...	53	48	r. sp. c	0.6	0.26	Buxton, to 6 p.m. ...	46	43	o. r. oe. od	1.8	
Bournemouth, to 6 p.m. ...	52	48	o. c. r	0.7	0.10	Darwen, to 9 p.m. ...	47	42	st. on	0.0	0.15
Southsea, to 6 p.m. ...			~			Manchester, to 9 p.m. ...	50	47	sp. o	0.0	0.03
Bognor, to 6 p.m. ...	50	49	st. c. o	0.5	0.12	Birmingham, to 9 p.m. ...	48	44	r. o	0.0	0.20
Worthing, to 6 p.m. ...	51	48	o. c. r. o	0.1	0.12						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 12 December 1910	64	46	bc. o	-	Utrecht ... 12 December 1910	52	41	c. c	-
Marseilles ...	59	50	o. o	-	Groningen ...	48	37	c. c	-
Malta ...	70	56	o. o	0.24	Zurich ...			f. m	0.16
Algiers ...	61	54	o. o	0.53	Geneva ...			c. o	0.08
Tunis ...	66	48	bc. o	0.79	Lugano ...			o. o	0.87
Palermo ...	70	53	r. bc	0.04	Berne ... 13 December 1910	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Naples ...	61	55	o. o	-	Coire ...				
Brindisi ...	62	48	o. o	-	Castasegna ...				
Rome ...	63	54	o. flr	0.24	Davos ...				
Vienna ...	48	41	o. o	-					
St. Petersburg ...	7	30	o. o	0.12					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
Celtic ... 9 Dec. 3 p.m.	51 N.	21 W.	28.48	N	1-3									Ins.			
" " 6 p.m.	51 N.	19 W.	28.46	NNW	1-3	c											
" " 9 Dec. 4 a.m.	49 N.	28 W.	28.83	ESE	6-7												
" " 7 a.m.	49 N.	27 W.	28.75	E	6-7	r											
" " 3 p.m.	49 N.	23 W.	28.70	N	4-5												
" " 6 p.m.	49 N.	22 W.	28.72	N	4-5	o											
Minnewaska ... 10 " 4 a.m.	49 N.	18 W.	28.70	NW	4-5												
" " 7 a.m.	49 N.	17 W.	28.70	NW	1-3	c											
" " 3 p.m.	49 N.	14 W.	28.77	NW	4-5												
" " 6 p.m.	49 N.	13 W.	28.81	WNW	4-5	b											

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. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

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

METEOROLOGICAL OFFICE,
LONDON, S.W.

W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday
12th December, 1910.

Rainfall
Ins.

0.09

0.13

0.05

0.06

0.05

0.01

0.04

0.01

0.08

0.03

0.15

0.03

0.20

0.01

0.08

0.03

0.16

0.08

0.87

0.01

0.01

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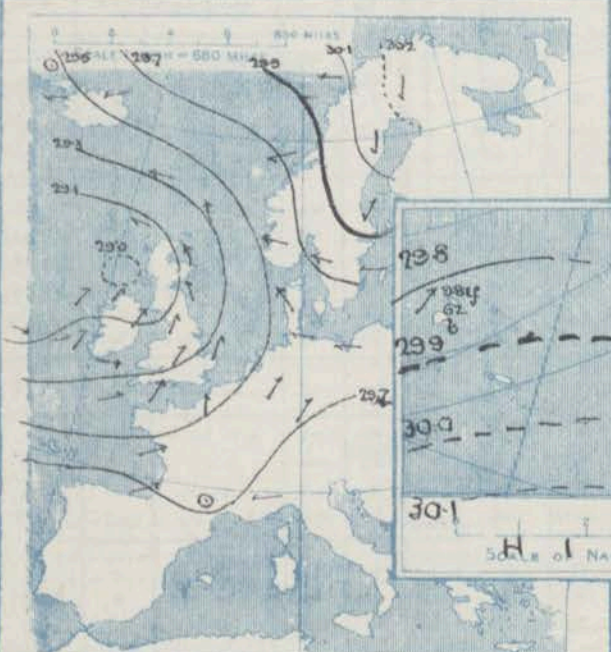
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.								
		Barom.	Temp.	Wind.	Force	Weather.	At 82° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind.	Force	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.					
																Max.	Min.								
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SUPPLEMENTARY CHARTS
OF
BAROMETER AND WIND
FOR 7 A.M. AND 6 P.M. YESTERDAY

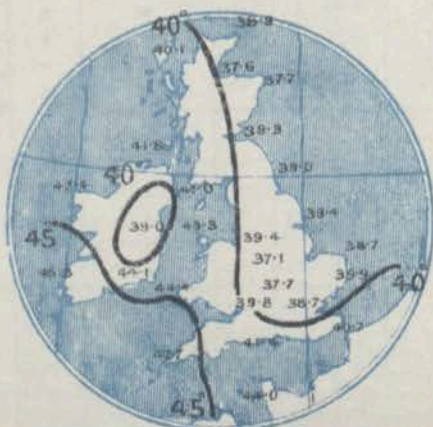
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

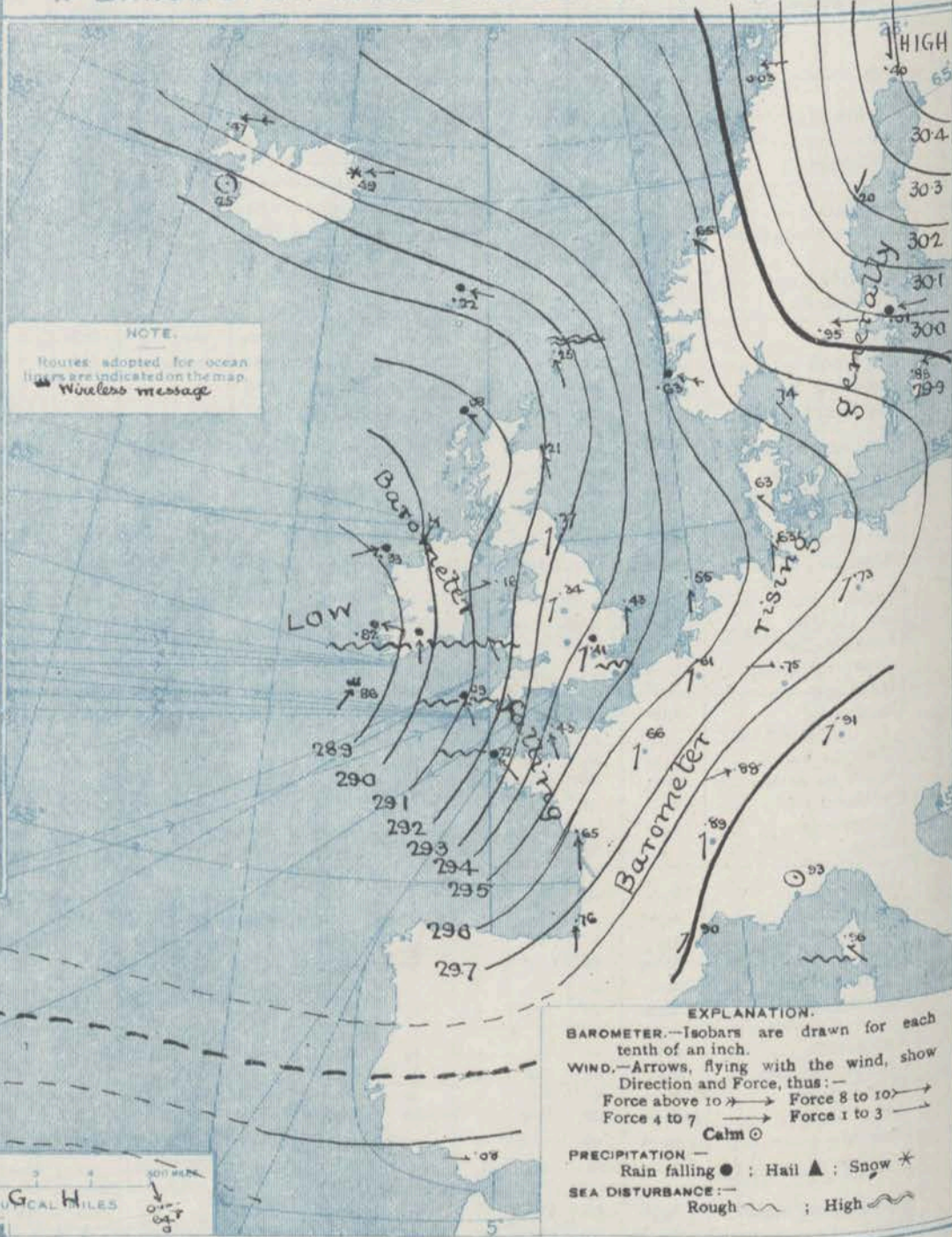


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Monday, WEATHER 12th Decr

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



NOTE.
Routes adopted for ocean
lines are indicated on the map.
Wireless message

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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

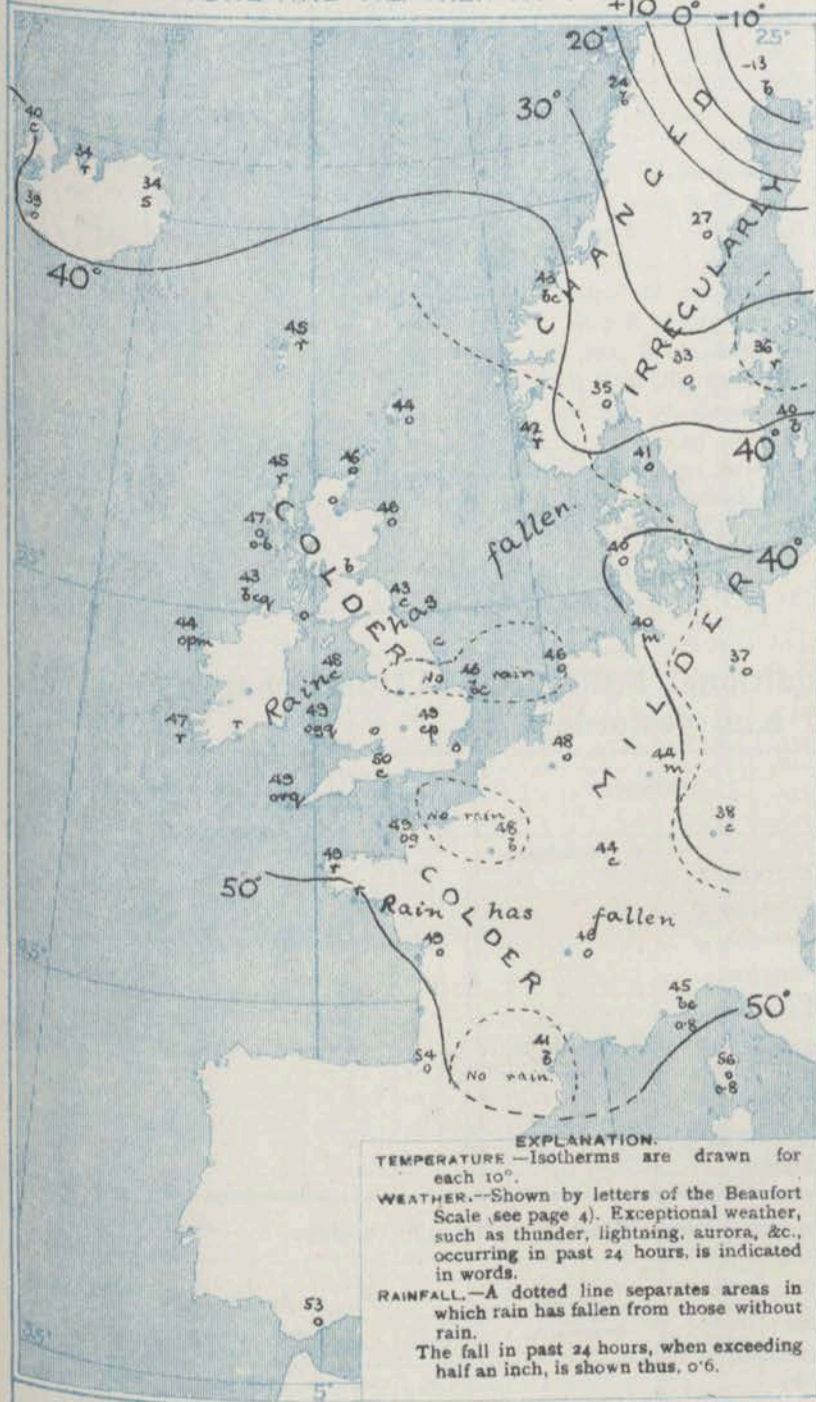
Another cyclonic disturbance is extending over our south-western districts, causing a decided increase in the barometric gradient. The barometer is already as low as 28.82 ins. at Valencia, and appears to be still falling briskly. In the north of Sweden pressure has increased quickly, and is now highest in that region, the reading at Haparanda being 30.4 ins.

The wind is mainly southerly over the United Kingdom and its neighbourhood, but draws into south-east in some localities. On our south-west coast and in Brittany a strong breeze or high wind prevails, but over these islands generally there is still force. Beyond the North Sea, a south-easterly gale is reported at Skudwaa; at Isafford there is an easterly gale. Temperature has undergone very little change over this country, where it ranges from about 50° in the south and south-east to about 45° in Scotland, and to 43° in the north of England. At Haparanda the reading is as low as -13°, but on the Continent generally the thermometer is high for the time of year. Much cloud prevails over these Islands and Western and North Western Europe generally, with rain at several of our own stations, as well as at Brest, and at some places in the south of Scandinavia.

CHARTS 12th December 1910

WEATHER PROSPECTS

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° or a little higher in most parts of the Kingdom. The night was again very mild, the thermometer remaining about 45° in many localities. Rain has again fallen in all districts, but the amount has not been large, most places reporting less than 0.15 inch. Very little or no bright sunshine was recorded in Scotland, but in several parts of England and Ireland there were more than 3 hours, the highest figures being about 4.5 hours at Scilly, Liverpool and Valencia.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression to the south westward of these Islands, will extend or move in an easterly direction and cause an increase in the southerly winds over the greater part of the Kingdom—gales on many parts of the western and southern coasts.

FORECASTS FOR THE 24 HOURS



THE FURTHER OUTLOOK

- MONDAY NOON TO TUESDAY NOON
- 1 } Wind between S. and E., increasing in force; dull generally, some rain; mild.
 - 2 } S. to S.E. winds, increasing in force; fair to rainy; mild.
 - 3 } S. winds, fresh or strong to a gale; becoming squally, rain at times; mild.
 - 4 } Same as Nos. 0 & 1.
 - 5 } Wind mainly S., fresh or strong to a gale; squally, rain at times; mild.
 - 6 } S. winds, light to fresh or strong; rain at times; mild.
 - 7 } Same as Nos. 7 & 8.
 - 8 } S. winds, strong to a gale; sea rough or high; rainy, squally.
 - 9 }
 - 10 }



FORECAST DISTRICTS.

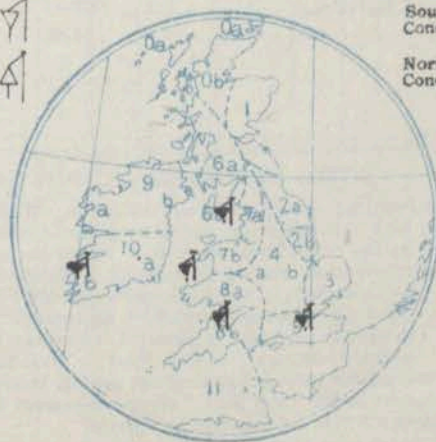
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

South Cone. 
North Cone. 

Signals hoisted this morning.

South Cone. 
North Cone. 



DAILY WEATHER REPORT.

Monday, 12th December, 1910

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. °			
Oban, to 6 p.m. ...	51	46		0.3		Brighton, to 6 p.m. ...	51	48	*	1.8	0.01
Dublin (City), to 4 p.m. ...	48	46	oc. c.		0.39	Seaford, to 6 p.m. ...	51	49		2.9	0.03
Blackpool, to 9 p.m. ...	50	44	o. r.	0.1	0.09	Eastbourne, to 6 p.m. ...	52	50	f	3.0	0.03
Southport, to 9 p.m. ...	51			1.8		Bexhill-on-Sea, to 9 p.m. ...	53	48	bc. p.	3.7	0.01
Rhyl, to 6 p.m. ...	53	43	o. r. bc	3.0	0.03	Hastings ...	*	*	*	3.6	
Colwyn Bay, to 6 p.m. ...	53	47	c. bc	1.7	0.02	Folkestone, to 6 p.m. ...	52	47	o. bc. d.	2.2	
Llandudno, to 9 p.m. ...	51	46	o. c. bc	1.1	0.08	Deal, to 6 p.m. ...	51	50	c. bc. op	1.0	0.01
Bettws-y-Coed, to 6 p.m. ...						Ramsgate, to 6 p.m. ...	*	*	*	2.9	
Towyn, to 6 p.m. ...	49	47	r. o. r.	0.0	0.07	Margate, to 6 p.m. ...	53	46	b. bc.	2.8	0.05
Aberystwyth, to 6 p.m. ...	50	46	*	0.0	0.10	Felixstowe, to 6 p.m. ...			*		
Plymouth, to 9 p.m. ...	53	48	bc. o.	0.0	0.37	Lowestoft, to 6 p.m. ...	49	45	o. c. o. bc	1.6	
Paignton, to 6 p.m. ...	52	43	or. bc.	2.9	0.34	Skegness, to 6 p.m. ...	48	44	r. bc.	2.5	0.08
Torquay, to 6 p.m. ...	52	45	*	3.2	0.33	Scarborough, to 9 p.m. ...	?	45		0.0	
Teignmouth, to 9 p.m. ...	53	46	p. b. r. bc	4.4	0.20	Harrogate, to 6 p.m. ...	47	45	op. c. bc.	0.1	0.05
Weymouth, to 6 p.m. ...	54	48	p. bc.	1.2	0.35	Buxton, to 6 p.m. ...	47	44	od. r. o. c.	0.0	0.14
Bournemouth, to 6 p.m. ...	53	47	o. c. bc	1.1	0.10	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...	56	47	*	1.5	0.40	Manchester, to 9 p.m. ...	50	46	op. c. bc. c.	0.3	0.01
Bognor, to 6 p.m. ...	50	49	b. o. c.	1.2	0.03	Birmingham, to 9 p.m. ...	50	44	r. b. c.	2.1	0.12
Worthing, to 6 p.m. ...	52	48	c. r. o.	1.5	0.01						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ...	0	0		Ins.	Utrecht ...	0	0		Ins.
Marseilles ...					Groningen ...				
Malta ...					Zurich ...				
Algiers ...					Geneva ...	*	*		
Tunis ...					Lugano ...	*	*		
Palermo ...					Berne ...	1.30 p.m.		1.30 p.m.	
Naples ...					Coire ...		*		
Brindisi ...					Castasegna ...		*		
Rome ...					Davos ...		*		
Vienna ...									
St. Petersburg ...									

Observations not received

Measurements 7.30 a.m.

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
Minnetonka { Dec 11th 3 p.m.	40 N	9 W	29.22	W	4-5	-								Ins.			
Baltic { Dec 11th 3 p.m.	51 N	10 W	29.13	W	1-3	-											
Mauritania { Dec 11th 3 p.m.	51 N	11 W	29.17	WSW	4-5	bc											
Vaderland { Dec 12th 4 a.m.	50 N	9 W	28.93	SW	4-5	-											
	50 N	10 W	28.86	SW	6-7	o											

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

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

METEOROLOGICAL OFFICE,
 LONDON, S.W.
 W. N. SHAW (Director).

1910

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday
13th December, 1910.Rainfall
Ins.

0.01

0.03

0.05

0.01

0.05

0.05

0.01

0.12

Rain.

Ins.

Measured
7.30 a.m.

W. ex. obs.

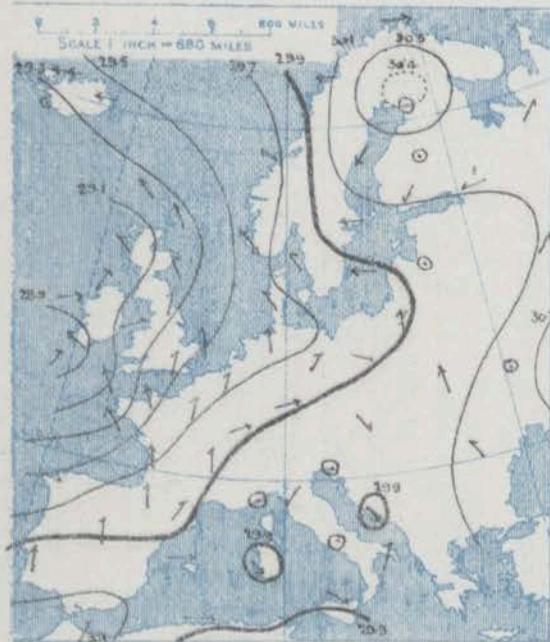
Report
may be

or).

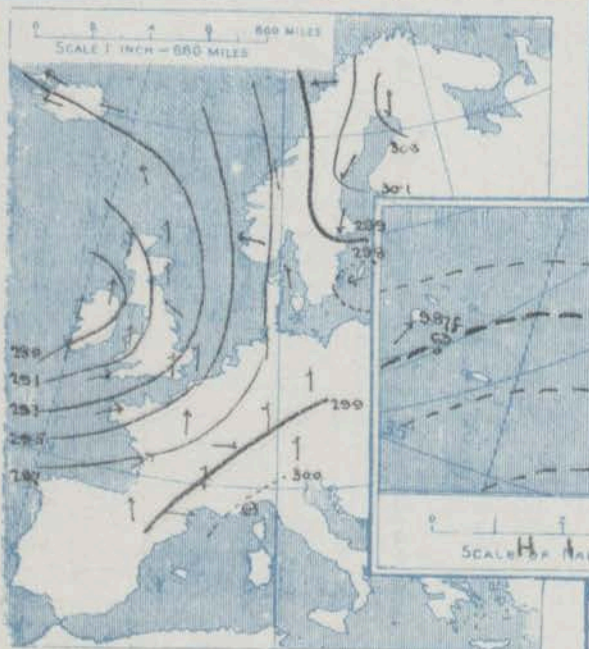
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun. shine.	Rainfall.		
				At 32° Fahr. and M.S.L. Lat. 45°	Dry Bulb.		Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dir.	Force (0 to 12).				Max.	Min.
SCANDINAVIA.		Ins.	"				Ins.	Ins.	"	"	"					"	"		Hours.	Ins.	
Haparanda...		30.36	10	N	2	o	30.23	-17	5	5	+18	2	0	o	*	5	-17	*	*	-	
Hernösand...		30.15	26	NE	2	c	30.05	-15	24	24	-3	NE	4	5	*	30	19	*	*	-	
Stockholm...		29.91	32	NNE	4	r	29.88	-13	31	30	-5	N	2	5	*	37	31	*	*	0.32	
Wisby...		29.76	37	ESE	6	r	29.87	-01	37	36	-3	NE	4	9	*	43	34	*	*	0.59	
Karlstad...		29.93	35	E	2	o	29.91	-04	32	31	-1	E	2	3	*	*	*	*	*	-	
Färder (X'ania Fjord)		29.84	37	ESE	4	r	29.82	-02	35	34	0	ESE	5	0	3	27	34	*	*	0.63	
Bodö...		29.95	23	E	5	b	29.90	-13	27	23	+3	E	4	6	1	27	21	*	*	-	
Christiansund...		29.68	46	SSE	3	c	29.66	+01	42	37	-1	SE	2	c	3	46	41	*	*	-	
Skudenes...		29.64	44	ESE	6	o	29.55	-08	44	40	+2	ESE	8	o	4	44	41	*	*	-	
ICELAND & FAEROE.																					
Isafjord...		29.37	41	E	8	r	29.26	-21	39	*	0	2	0	o	*	*	*	*	*	*	
Reykjavik...		29.24	43	E	3	o	29.15	-10	40	*	0	E	3	c	*	*	*	*	*	*	
Seydisfjord...		29.35	37	E	3	r	29.26	-23	36	*	+2	2	0	o	*	*	*	*	*	*	
Thorshavn...		29.19	45	SSE	5	o	29.19	-03	46	*	+1	SE	5	o	*	*	*	*	*	*	
BRITISH ISLANDS.																					
Sumburgh Head		29.31	45	SSE	3	o	29.19	-06	45	45	+1	SSE	6	o	7	48	44	r. o	*	0.04	
Stornoway...		29.10	46	SSE	4	c	28.98	-10	45	44	0	SE	3	b	3	47	44	c. bc, og	1.5	0.05	
Castletown (Bacta Id.)		29.00	48	ESE	5	op	28.90	-15	46	44	-1	SE	5	o	6	48	45	op. o. c. o	0.7	0.06	
Malin Head...		28.86	45	S	5	rm	28.77	-27	44	43	+1	SE	4	bc, og	3	47	38	bc, og, rm	*	0.02	
Blackod Pt.		28.81	48	S	5	opm	28.61	-32	44	43	0	NE	4	ogm	3	49	42	opm	*	0.26	
Valencia...		28.90	46	S	3	op	28.59	-23	47	45	0	S	4	o	5	50	42	or. o. cp, th	0.3	0.47	
Roche's Point...		29.00	45	WSW	4	bc	28.71	-25	47	46	0	WSW	3	o	5	50	44	bc, cp	*	0.30	
Birr Castle...		28.93	45	S	3	c	28.65	-32	45	44	-1	S	2	r	*	49	40	cp. or	0.4	0.15	
Donaghadee...		28.96	43	S	4	rm	28.89	-26	46	45	+1	ESE	6	r	4	49	43	cp, rm, bc	*	0.09	
Liverpool Obsy...		29.12	45	SE	3	o	28.96	-31	46	45	+3	ESE	5	o	4	48	40	o. ogd	0.0	0.06	
Holyhead...		29.04	49	S	4	cpm	28.84	-32	49	48	+1	S	7	cpm	5	49	44	rm, cpm	*	0.42	
Pembroke (St. Ann's Hd.)		29.10	48	SSW	6	bc	28.78	-36	49	46	0	S	7	cp	7	51	43	ogm, cp	1.1	0.46	
GERMAN, & C.																					
The Scaw (Skagen)		29.76	42	SSE	2	r	29.75	+01	41	40	0	SE	3	f	1	43	39	*	*	0.29	
Fanö...		29.69	41	SSE	2	c	29.65	+02	42	42	+2	S	2	r	*	43	39	*	*	0.20	
Cuxhaven†...		29.71	45	S	1	o	29.70	+07	46	43	+6	S	3	o	*	46	40	*	*	-	
The Helder...		29.56	46	SSE	3	c	29.60	+05	44	43	-2	S	5	bc	3	48	44	*	*	0.08	
Brussels...		*	*	*	*	*	29.68	+07	46	44	-2	SSW	3	b	*	51	44	*	*	0.04	
Berlin†...		29.54	43	S	2	c	29.89	+16	38	40	+1	S	1	o	*	50	34	*	*	-	
Frankfurt†...		29.74	48	S	1	c	29.86	+11	41	44	-3	NE	1	m	*	52	41	*	*	0.04	
Munich†...		29.95	36	S	3	b	30.07	+16	38	42	-5	S	1	b	*	45	30	*	*	-	
FRANCE.																					
C. Gris Nez...		29.39	48	S	6	o	29.50	-00	48	45	0	S	6	bc	5	52	46	*	*	0.12	
La Hève...		29.48	48	SSW	6	c	29.46	-08	49	46	+3	S	7	c	5	49	45	*	*	-	
Brest...		29.43	52	WSW	7	o	29.21	-06	51	50	+1	SW	7	r	7	52	50	*	*	0.24	
Lorient...		29.53	50	WSW	6	r	29.34	-07	50	50	0	SW	7	o	8	54	48	*	*	0.43	
Rochefort...		29.72	54	SW	5	o	29.61	-04	48	46	-1	S	4	o	*	55	46	o	*	-	
Biarritz...		29.85	55	SSE	4	c	29.72	-04	59	56	+3	S	3	o	5	59	54	*	*	-	
SPAIN & PORTUGAL & C.																					
Corunna...																					
Lisbon...																					
Gibraltar...																					
Azores (P. Delgada)...		20.01	57	SW	6	o	29.93	-15	55	53	+2	SW	7	o	*	*	*	*	*	-	
" Horta...		29.90	60	2	o	o	29.87	+06	63	61	+1	SW	4	o	3	64	59	*	*	-	
Madeira (Puncha)...		30.18	66	NW	4	r	30.17	-02	66	62	+2	NW	4	r	*	70	55	*	*	0.04	

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

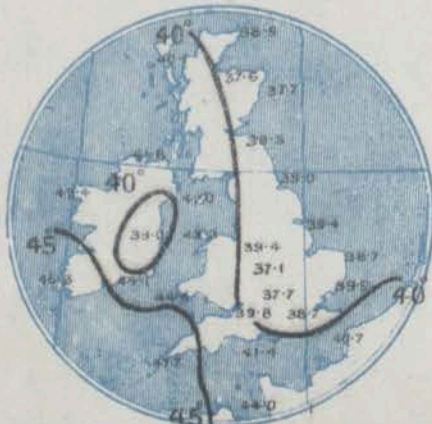
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

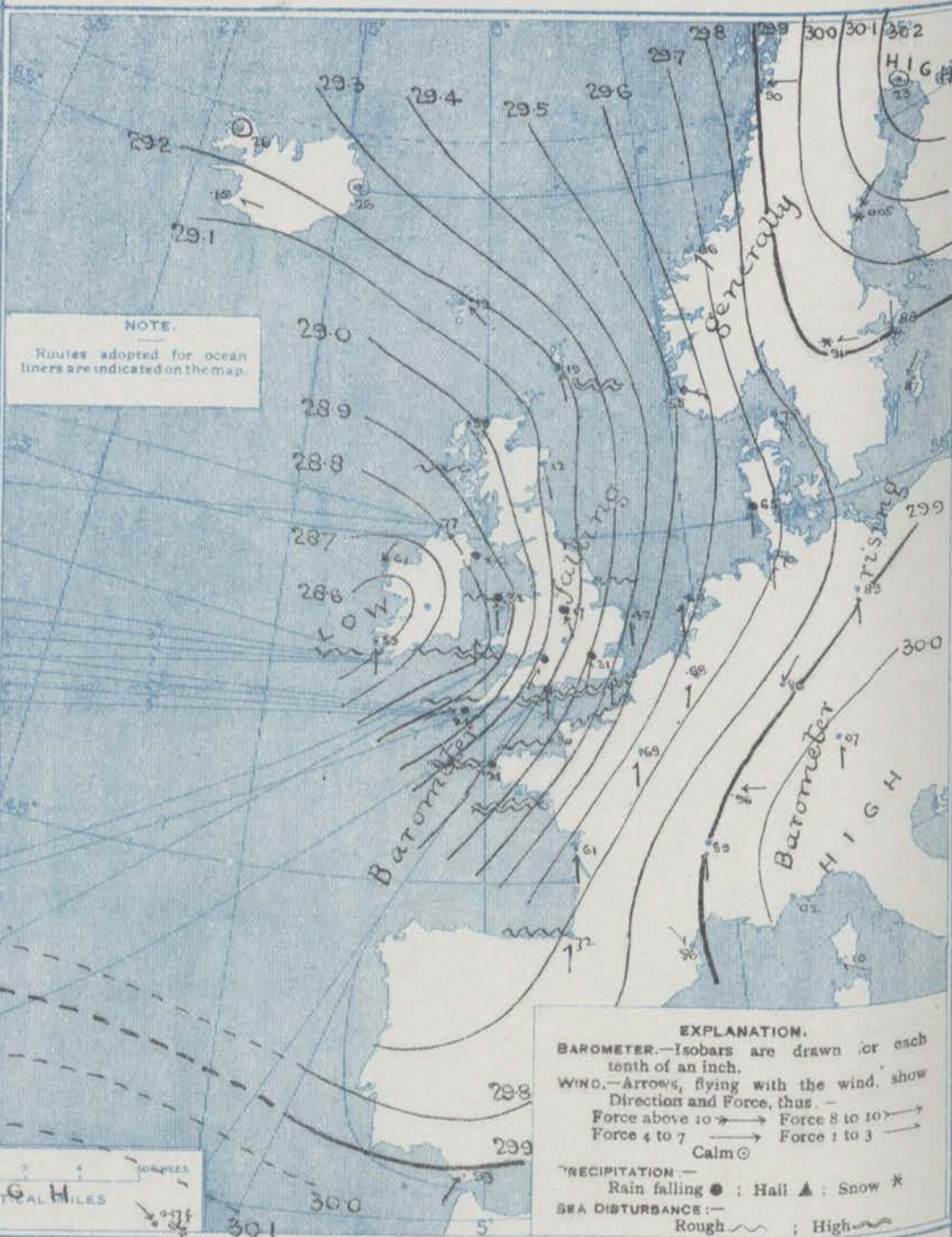


**AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.**
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Tuesday, WEATHER 13th Dec:

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



NOTE.

Routes adopted for ocean liners are indicated on the map.

EXPLANATION.

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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is still below 29.6 ins. in a low pressure system on the Atlantic, the lowest reading reported being 28.59 ins. at Valencia. The mercury continues to decrease over nearly the whole of the United Kingdom and a considerable portion of North Western Europe and Western Europe. The highest readings 30.02 ins. and upwards, are found in the north of Sweden.

Strong to high southerly winds (between South West and South-East) prevail over these Islands and the adjacent regions of the Continent, while at Portland Bill there is a whole gale and at Skudenæs a fresh gale. Over Iceland the wind is light from the Eastward or calm. Temperature has undergone little change, ranging over these Islands from 53° at Jersey, and 52° in London to 42° at Leith. Over the greater part of France the readings are a little lower than 50°, in central Europe 40° or lower, and in the north of Sweden below 10°. Much cloud is reported over this country and the Continent, with rain at several of our own stations and in Brittany, and snow in many parts of Sweden.

CHARTS

13th Decr 1910.

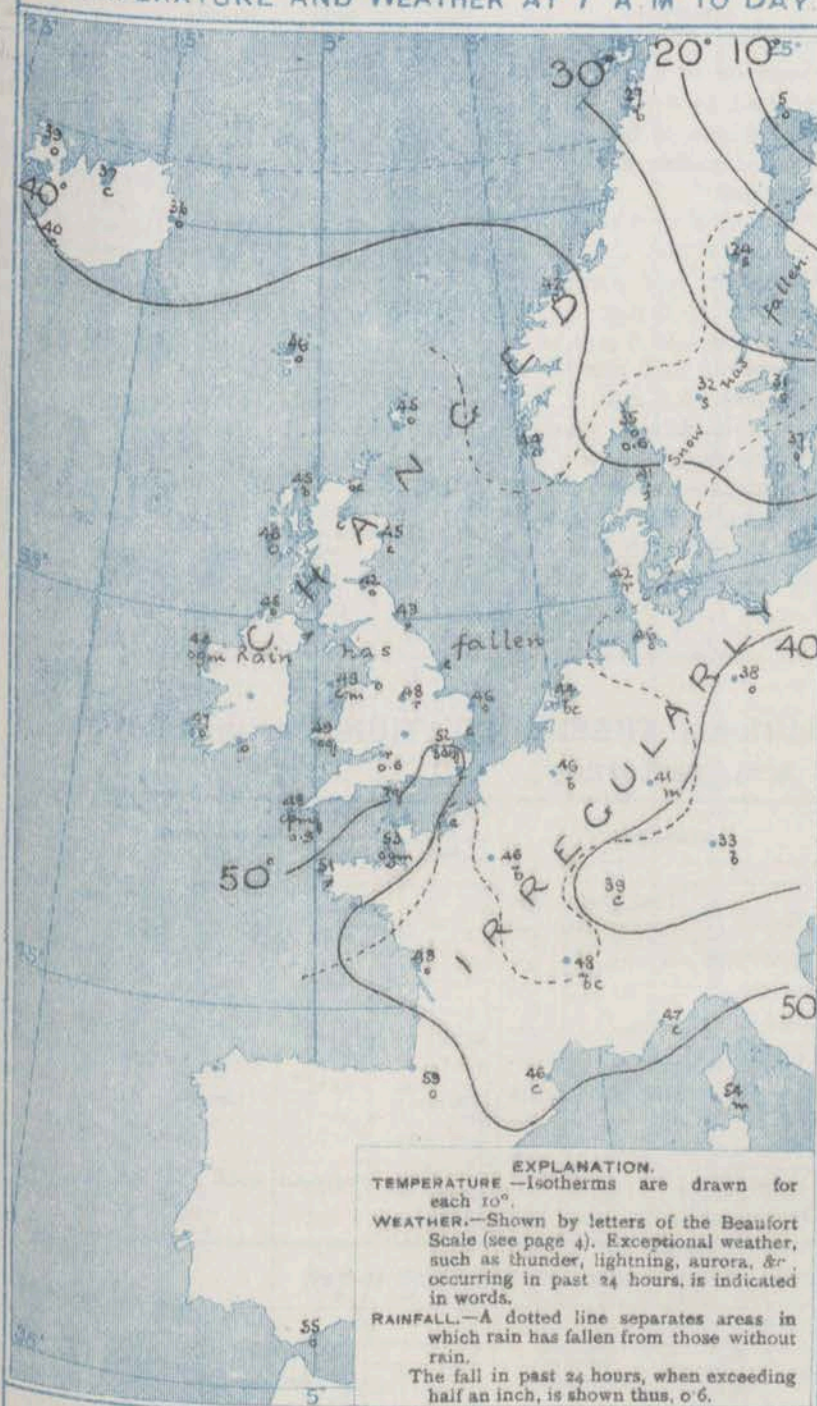
WEATHER

PROSPECTS

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

FORECASTS FOR THE 24 HOURS
NOON TUESDAY TO NOON WEDNESDAY.

THE FURTHER OUTLOOK



a
b
1
a
b
2
a
b
3
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b
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10
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b

Wind mainly S.W., fresh to strong generally, a gale at times; squally, occasional rain, some fair intervals; mild.

General conditions continuing mild and unsettled.

II WESTERN CHANNEL AND BAY

Wind strong to a gale from the S.W.; sea rough to high; squally, rainy, some mist; mild.

NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to about 50° in most parts of this country and also in North Germany and the north of France. Rain has fallen very generally, the amounts being large at many of our western and southern stations—0.6 inch at Bath and 0.9 inch at Sully. Thunderstorms have occurred both at Valencia and Sully. Strong winds and gales have been experienced in various parts of our western and southern coasts; at Sully the wind blew with the force of a "storm" from W.S.W.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

It appears probable that the low pressure system having its centre to the westward of Ireland will move slowly in a northerly direction at the same time that it extends eastward further over the United Kingdom.

FORECAST DISTRICTS.

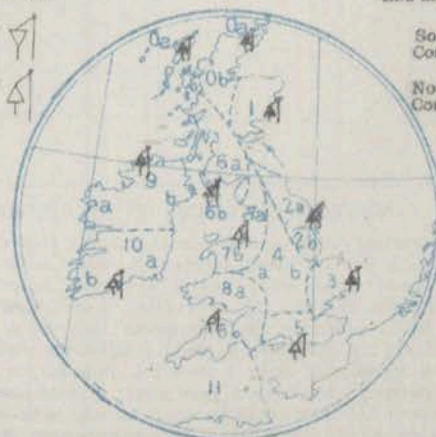
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.
North Cone.

South Cone.
North Cone.



* If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

DAILY WEATHER REPORT.

Tuesday, 13th December, 1910

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.			
Oban, to 6 p.m. ...	49	43	bc. cfo	0.1	0.07	Brighton, to 6 p.m. ...	50	45	s	0.0	0.16
Dublin (City), to 4 p.m.	50	42	b. org. bc	0.1	0.10	Seaford, to 6 p.m. ...	50	47	o. r	0.0	0.32
Blackpool, to 9 p.m. ...	48	41	r. c. or	0.2	0.20	Eastbourne, to 6 p.m. ...	51	48	r	0.0	0.20
Southport, to 9 p.m. ...	48	43	c. bc. or	0.3	0.13	Bexhill-on-Sea, to 9 p.m.	51	48	r	0.0	0.33
Rhyl, to 6 p.m. ...	51	42	b. bc. r	0.5	0.02	Hastings ...	51	48	r	0.0	0.20
Colwyn Bay, to 6 p.m. ...	50	45	bc. p	0.0	0.03	Folkestone, to 6 p.m. ...	50	48	c. bc. r	0.1	0.27
Llandudno, to 9 p.m. ...	50	44	or. c. or	0.3	0.07	Deal, to 6 p.m. ...	51	47	c. bc. r	0.2	0.18
Bettws-y-Coed, to 6 p.m.	48	40	ry	0.0	0.0	Ramsgate, to 6 p.m. ...	50	45	or. r	0.0	0.30
Towyn, to 6 p.m. ...	51	48	r. o. c	0.0	0.14	Margate, to 6 p.m. ...	50	45	or. r	0.0	0.07
Aberystwyth, to 6 p.m. ...	50	45	r	0.0	0.0	Felixstowe, to 6 p.m. ...	48	44	r	0.9	0.09
Plymouth, to 9 p.m. ...	53	45	cp. bcp	0.7	0.57	Lowestoft, to 6 p.m. ...	49	41	c. bc. or	0.9	0.04
Paignton, to 6 p.m. ...	50	46	r	0.8	0.49	Skegness, to 6 p.m. ...	47	43	r. bc. g	0.6	0.01
Torquay, to 6 p.m. ...	54	46	r	0.6	0.39	Scarborough, to 9 p.m. ...	47	42	o. c. or	0.2	0.11
Teignmouth, to 9 p.m. ...	52	47	c. p. bc	0.2	0.38	Harrogate, to 6 p.m. ...	46	40	bc. or. r	0.0	0.46
Weymouth, to 6 p.m. ...	51	47	or	0.0	0.44	Buxton, to 6 p.m. ...	46	40	org. or	0.0	0.35
Bournemouth, to 6 p.m. ...	50	45	r	0.0	0.45	Darwen, to 9 p.m. ...	50	44	org. bc. o	0.2	0.18
Southsea, to 6 p.m. ...	50	49	o. or. o	0.0	0.40	Manchester, to 9 p.m. ...	48	42	o. r	0.0	0.18
Bognor, to 6 p.m. ...	50	47	o. or. o	0.0	0.36	Birmingham, to 9 p.m. ...					

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 12th Dec. 1910	61	45	c. o	Ins.	Utrecht ... 12th Dec. 1910	50	43	o. r	Ins.
Marseilles ...	59	45	o. b	0.04	Groningen ...	48	41	c. o	Ins.
Malta ...	not received.				Zurich ...	51	48	c. c	Ins.
Algiers ...	64	52	o. c	Ins.	Geneva ...	51	48	o. bc	0.24
Tunis ...	75	54	o. b	Ins.	Lugano ...	51	48	r. r	1.10
Palermo ...	68	49	f. o	Ins.	Berne ... 11th Dec. 1910	51	48	r. r	Measured 7.30 a.m.
Naples ...	59	56	o. o	Ins.	Coire ...	51	48	r. r	Ins.
Brindisi ...	65	53	bc. b	Ins.	Castasegna ...	51	48	r. r	Ins.
Rome ...	58	53	r. o	0.28	Davos ...	51	48	r. r	Ins.
Vienna ...	55	41	o. o	Ins.					
St. Petersburg ...	36	30	o. s	Ins.					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
California { 11th Dec. 4am	55N	10W	28.64	NW	1-3	-	...	...	...	...	California { 11th Dec. 4am	55N	10W	28.64	NW	1-3	-
" " 7am	55N	11W	28.70	NW	1-3	bc	...	...	...	...	" " 7am	55N	11W	28.70	NW	1-3	bc
" " 3pm	55N	15W	28.76	WSW	4-5	-	...	...	...	...	" " 3pm	55N	15W	28.76	WSW	4-5	-
" " 6pm	55N	16W	28.76	WSW	1-3	bc	...	...	...	...	" " 6pm	55N	16W	28.76	WSW	1-3	bc
Vaderland { 12th Dec. 10am	50N	11W	28.89	WSW	3-5	-	...	...	...	...	Vaderland { 12th Dec. 10am	50N	11W	28.89	WSW	3-5	-
" " 1pm	50N	12W	28.90	WSW	3-5	bc	...	...	...	...	" " 1pm	50N	12W	28.90	WSW	3-5	bc

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.

W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
14th December, 1910.

Rainfall
Ins.
0.16
0.22
0.23
0.20
0.27
0.18
0.30
0.07
0.09
0.04
0.01
0.11
0.46
0.35
0.18
AIN.
24
10
insured
a.m.
Weather.

STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.				Barometer.	Temperature.	Wind.								Temp.				
	At 32° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.		At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun. shine.	Rainfall.
SCANDINAVIA.																					
Haparanda...	30.21	-7	N	2	b		30.21	-0.2	-5	-5	-10	NE	2	o	5		5	-11			
Hernösand...	30.07	21	NE	6	S		30.12	+0.7	22	21	-2	NE	2	o	25		19				0.08
Stockholm...	30.01	31	NW	2	o		30.08	+0.20	31	31	0	NW	2	o	34		30				
Wisby...	29.91	39	S	2	f		29.98	+0.11	40	39	0	S	2	f	40		36				
Karlstad...	29.95	32	E	2	o		30.02	+0.11	32	32	0	E	2	m	40		36				
Färder (X'ania Fjord)	29.86	34	NE	4	r		29.89	+0.7	37	36	+2	ENE	4	o	2		37	34			0.08
Bodö...	29.94		SW				29.85	-0.5	33	30	+6	E	3	b	1		33	23			0.12
Christiansund...	29.65	44	ESE	2	bc		29.66	-0.2	45	39	+3	ESE	4	c	3		45	39			
Skudesnaes...	29.57	48	SE	8	o		29.58	+0.3	46	43	+2	SSE	8	o	5		48	43			
ICELAND & FAEROE.																					
Isafjord...	29.27	37	2	0	c		29.13	-12	36		+3	E	9	r							
Reykjavik...	29.16	40	2	0	c		28.93	-22	37		-3	N	4	c							
Seydisfjord...	29.27	37	E	2	r		29.02	-24	38		+2	E	4	r							
Thorshavn...	29.10	46	SE	5	c		28.97	-22	45		-1	SSE	4	o							
BRITISH ISLANDS.																					
Sumburgh Head	29.12	45	SSE	7	o		29.09	-10	45	45	0	ESE	6	r	7		47	44	c. o		0.20
Stornoway...	28.93	43	SE	3	o		28.96	-0.2	45	44	0	S	4	o	4		46	43	eq. c. op. q.		0.23
Castlebay (Barra Id.)	28.75	46	SSE	3	o		28.99	+0.9	45	44	-1	WNW	1	c	3		48	43	op. r. o. c.		0.41
Malin Head	28.71	45	E	4	ry		29.04	+0.27	45	44	+1	SW	3	bcu	3		46	41	bcu. r. g. m. bc		0.05
Blackod Pt.	28.65	45	N	1	om		29.02	+0.47	46	45	+2	SSW	3	bc	2		47	43	om. bcu		0.04
Valencia	28.83	48	WSW	6	c		29.19	+0.60	47	46	0	S	2	bc	4		51	40	org. bcu. bc		0.32
Roche's Point...	28.81	50	W	5	bc		29.26	+0.55	49	48	+2	W	3	b	5		52	46	or. c. bcu. b		0.18
Birr Castle	28.87	48	SSE	3	r		29.20	+0.55	44	43	-1	S	2	b			49	42	c. r. b.		0.21
Donaghadee	28.81	48	S	5	r		29.15	+0.26	45	44	-1	SW	2	c	2		49	43	or. cr. bc		0.46
Liverpool Obsy...	29.03	45	SE	4	o		29.30	+0.34	48	46	+2	SSW	2	o	3		50	45	op. b. bc	2.8	0.06
Holyhead	28.87	47	S	8	ry		29.28	+1.34	49	48	0	SW	3	c	3		50	47	bcu. r. q.		0.30
Pembroke	28.93	50	SSW	8	c		29.33	+0.55	50	49	+1	SSW	6	em. q.	6		52	47	eq. r. q. p. b.	0.9	0.11
(St. Ann's Hd.)																					
Scilly (St. Mary's)	29.10	51	SW	7	comp.		29.40	+0.46	50	49	+2	SSW	4	bcu	5		52	46	om. q. bcu	0.7	0.11
Jersey (St. Aubins)	29.38	50	SSW	5	bcu		29.64	+0.44	50	48	-3	SSW	3	bcu	5		52	46	om. q. bcu	2.4	0.04
Portland Bill	29.20	51	SSW	8	o		29.47	+0.36	52	50	+3	SW	7	bc	6		52	48	q. bc	2.0	0.63
Dungeness	29.40	51	S	7	o		29.55	+0.17	51	50	+1	SSW	5	c	5		53	50	c. q. bcu. d.	0.0	0.03
Dover							29.59	+0.14	50	49	+2	SSW	7	o	6		51	46	eq. op. m.	0.0	0.02
Wick	28.95	47	S	6	bc		28.94	-0.11	46	45	-1	E	3	r			48	44			0.04
Nairn	28.88	46	ESE	2	o		28.93	-0.09	42	41	-2	2	0	o	4		47	41	c. o. r. o	0.0	0.03
Aberdeen	29.05	47	SSE	4	bc		29.03	-0.19	47	46	+2	3	5	o	4		48	44	c. eq. op. bc	0.0	0.19
Leith	28.90	46	2	0	c		29.03	-0.03	48	45	+6	SW	4	c			50	42	or. op. eq.		0.13
North Shields	29.09	47	SSE	4	cp		29.17	0.00	47	44	+4	SW	3	c	3		51	39	op. cp	0.0	0.11
Spurn Head	29.23	45	SSE	7	eq.		29.35	+0.13	47	45	+2	S	6	bcu	4		51	44	eq. bcu		
Yarmouth	29.28	49	S	3	bc		29.45	+0.06	48	46	+2	SSW	2	bc	3		51	46	bcu. bc	0.0	
Clacton-on-Sea	29.41	47	SSE	5	c		29.54	+0.12	47	46	0	SSE	4	bc	4		50	46	eq. bc	0.0	
Nottingham	29.20	46	S	4	c		29.27	+0.20	48	47	0	SW	4	bc			51	45	r. o. op. c	1.0	0.08
Bath	29.20	49	SW	4	r		29.48	+0.35	49	46	+1	SW	4	b			52	46		1.2	0.23
Oxford	29.28	48	S	5	o		29.52	+0.33	47	45	-3	SSW	4	o			51	46			0.24
London (St. James's Park)	29.34	51	SW	4	op		29.51	+0.20	50	48	-2	SW	3	b			53	49	eq. c. op. b.	0.1	0.18
GERMANY, & C.																					
The Scaw (Skagen)	29.80	42	SSE	2	r		29.83	+0.08	41	40	0	SSE	3	o	1		43	39			
Fanö	29.72	41	SSE	4	b		29.72	+0.07	36	35	-6	SSE	2	c			43	36			0.04
Cuxhaven†	29.75	44	S	3	b		29.75	+0.05	36	35	-10	SE	2	b			46	36			
The Helder	29.53	45	S	4	bc		29.65	+0.08	42	41	-2	S	3	o	3		50	41			
Brussels							29.72	+0.04	45	44	-1	SSW	2	o			53	43			
Berlin†	29.90	41	SE	1	b		29.82	-0.07	34	38	-4	E	3	o			48	34			
Frankfurt†	29.77	43	NE	2	b		29.81	-0.05	35	37	-6	2	6	m			50	34			
Munich†	29.82	37	SE	3	c		29.88	-0.09	31	33	-2	NW	4	b			48	30			
FRANCE.																					
C. Gris Nez	29.46	48	S	6	bc		29.61	+0.11	48	47	0	SSW	5	o	5		52	46			
La Hève	29.50	48	S	5	o		29.69	+0.23	47	45	-2	SSW	4	o	4		50	45			
Brest	29.39	52	SW	6	c		29.60	+0.39	51	51	0	SW	6	o	5		52	50			
Lorient	29.46	50	SSW	5	bc		29.69	+0.35	52	52	+2	SW	5	r	7		54	48			0.20
Rochefort	29.65	52	SW	4	c		29.76	+0.15	51	49	+3	WSW	3	bc			54	48			0.59
Biarritz	29.80	54	SW	4	bc		29.96	+0.24	52	48	-7	S	3	o	7		59	50			0.43
Paris	29.62	49	S	3	r		29.78	+0.09	44	43	-2	SSW	3	c			55	43			0.04
Belfort	29.83	42	E	2	m		29.91	-0.05	41	40	+2	WSW	4	o			51	37			
Lyons	29.73	50	S	2	o		30.02	+0.13	41	40	-7	SE	4	b			55	39			0.63
Nice	29.98	46	2	0	r		29.78	-0.34	41	40	-6	2	0	c			54	41			1.10
Perpignan	29.76	50	NW	6	r		29.99	+0.13	50	44	+4	NW	2	b			55	43			0.04
Sanguinaire	30.03	57	SE	3	m		30.08	-0.10	53	50	-1	W	5	o	5		64	43			0.29
SPAIN & PORTUGAL.																					
Corunna																					
Lisbon	30.15	58	S	4	o		30.15	+0.20	59	59	0	S	4	o			64	57			
Gibraltar	30.09	57	SW	2	bc		30.10	+0.23	57	56	+2	W	1	c							0.33
Azores (P. Delgada)																					
" Horta	29.75	66	SW	5	r		29.82	-0.05	64	64	+1	SW	4	f	4		66	63			0.28
Madeira (Puncha)	30.23	65	?	?	?		30.23	+0.08	64	59	-2	?	?	c	?		70	54			

For NOTES see Page 4.

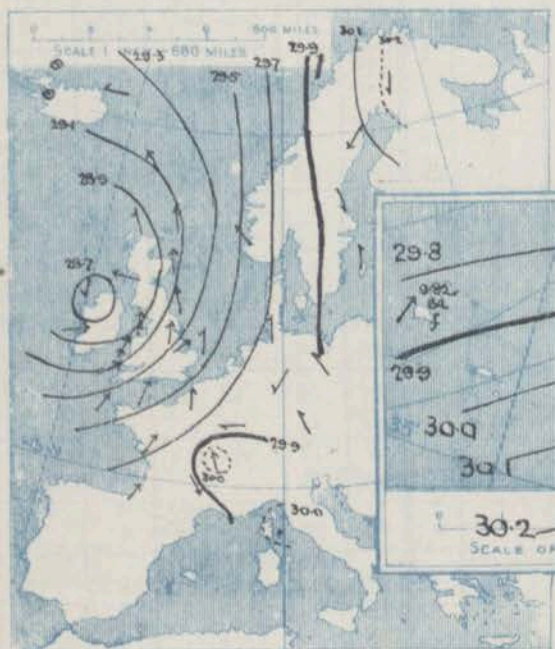
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

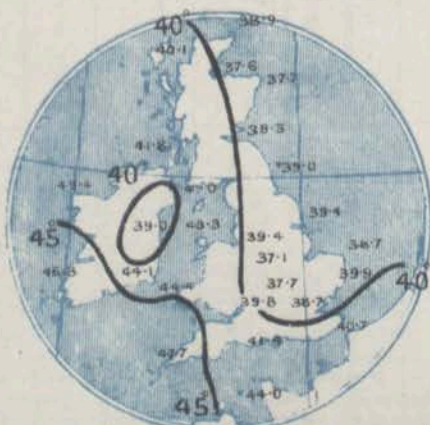


6 P.M. YESTERDAY



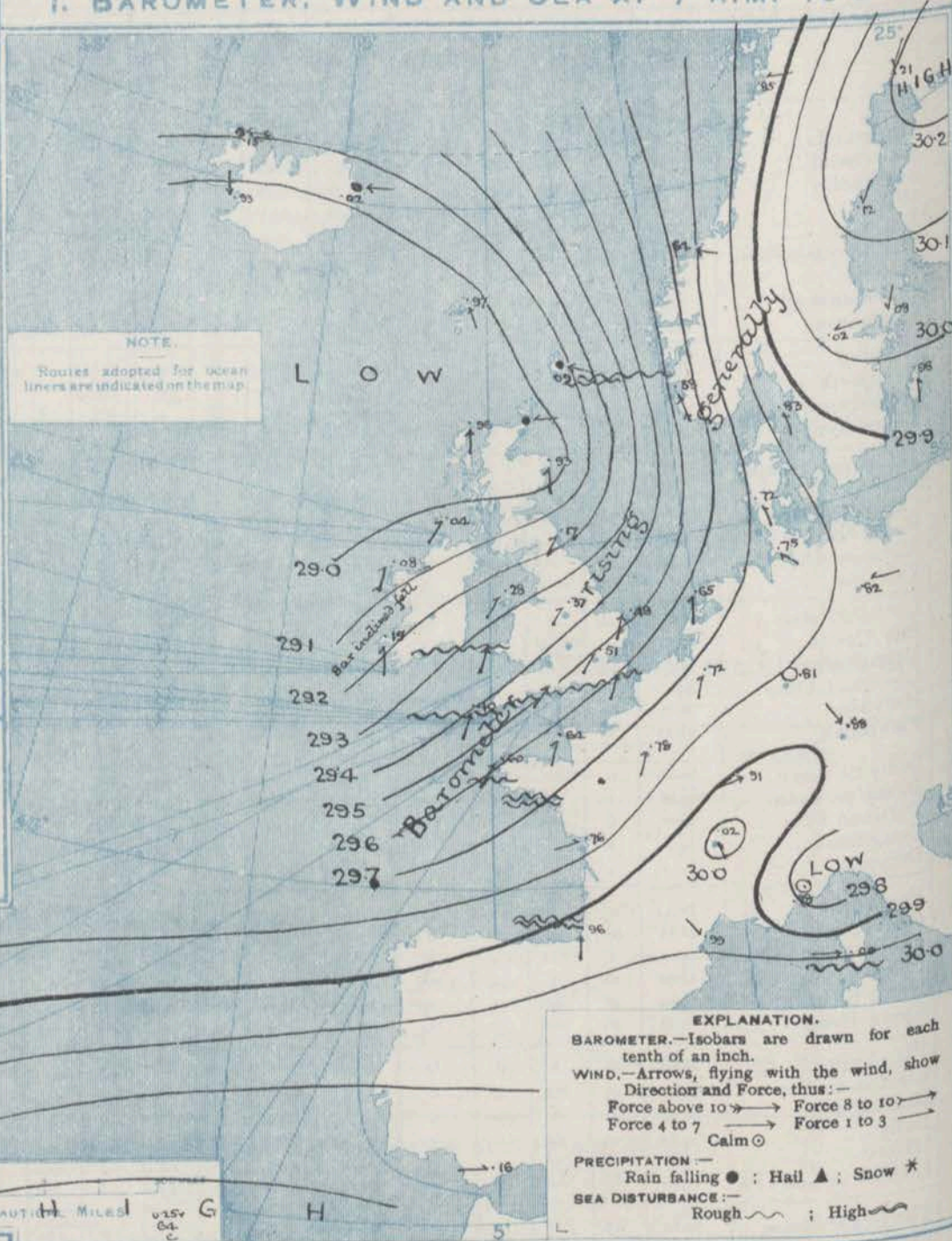
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.

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



Wednesday, WEATHER 14th Dec^r

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression that lay over Ireland yesterday has moved northward, and the lowest barometer reading reported this morning is 28.93 ins. in the north-east of Scotland. Pressure is at present increasing over our islands generally, but it is inclined to fall again at Valencia, where also the wind has backed to south. The mercury is highest, above 30.2 ins., in the north of Sweden.

The wind is high from south-west at Portland Bill, and fresh or strong from the southward on some other parts of our coasts, while on the south-west coast of Norway it blows a gale from south-south-east. Temperature has undergone little change in this country, and ranges from 50° or slightly above in the south and south-west to 42° at Nain. On the Continent the readings range from 52° at Biarritz to 31° at Munich and Stockholm, and to -5° at Haparanda. Rain is falling in Ireland and the north of Scotland, and much cloud prevails over Scotland as a whole. In England and Ireland, however the weather is at present fair. Over the western and north-western countries of the Continent no rain is reported to be falling, but in most places the sky is cloudy or overcast.

CHARTS

14th Decr 1910.

WEATHER

PROSPECTS.

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

FORECASTS FOR THE 24 HOURS
NOON WEDNESDAY TO NOON THURSDAY.

THE FURTHER OUTLOOK



- a } S.E. and S. winds, fresh at times; dull generally, some rain; mild.
- b }
- 1 }
- 2 }
- 3 } S. and S.W. winds, moderate to fresh or strong; fair to showery or rainy; mild.
- 4 }
- 5 }
- 6 } Same as Nos. 0 & 1.
- 7 }
- 8 }
- 9 }
- 10 }

II. WESTERN CHANNEL AND BAY

S.W. and S. winds, fresh or strong; squally rain at times; sea rather rough.

NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 55° at Jersey, and to above 50° in many other parts of the Kingdom. The minimum readings of the night were above 45° at many of our stations. Rain has fallen very generally, the largest amount reported in this country being 0.63 inch at Portland Bill. High winds or gales from the S.W. were experienced yesterday on some parts of the Irish and English coasts and in the east of Scotland, and according to wireless reports ships encountered strong winds and gales from the W. along the southern route off the west of Ireland as far west as the 20th meridian.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The backing wind and the inclination of the barometer to fall again in the southwest of Ireland probably indicate the approach of another cyclonic disturbance towards that region. The general condition is, therefore, likely to continue mild and unsettled.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

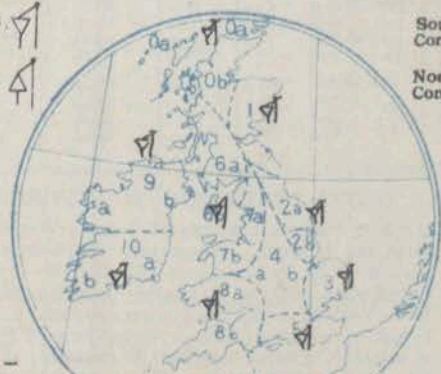
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



NOTE.—

In yesterday's Report the Cones should have been South, not North.

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. °			
Oban, to 6 p.m. ...	48	43	bcry	0.0	0.29	Brighton, to 6 p.m. ...	52	47	#	0.0	0.29
Dublin (City), to 4 p.m.	51	44	C. org. od	#	0.45	Seaford, to 6 p.m. ...	52	45	r. c	0.3	0.24
Blackpool, to 9 p.m. ...	49	40	or. o	1.0	0.11	Eastbourne, to 6 p.m. ...	53	45	#	0.0	0.15
Southport, to 9 p.m. ...	50	41	or. bc	2.1	0.07	Bexhill-on-Sea, to 9 p.m.	53	46	bc	0.1	0.13
Rhyl, to 6 p.m. ...	52	41	a. b. r	3.4	0.14	Hastings ...	#	#	#	0.0	#
Colwyn Bay, to 6 p.m. ...	56	49	p. bc. b	3.2	0.19	Folkestone, to 6 p.m. ...	51	44	r. o	0.0	0.09
Llandudno, to 9 p.m. ...	51	44	or. bc	3.9	0.27	Deal, to 6 p.m. ...	51	44	c. o. bc	0.0	0.22
Bettws-y-Coed, to 6 p.m.	50	42	p. b	1.0	#	Ramsgate, to 6 p.m. ...	#	#	#	0.0	0.17
Towyn, to 6 p.m. ...	#	#	#	#	#	Margate, to 6 p.m. ...	50	43	o	0.0	0.16
Aberystwyth, to 6 p.m. ...	50	44	#	0.0	0.10	Felixstowe, to 6 p.m. ...	50	45	#	1.0	0.06
Plymouth, to 9 p.m. ...	#	#	#	#	#	Lowestoft, to 6 p.m. ...	50	44	or. c. bc	1.0	0.10
Paignton, to 6 p.m. ...	50	46	org. bep	1.1	0.70	Skegness, to 6 p.m. ...	50	45	r. c. b	0.4	0.07
Torquay, to 6 p.m. ...	51	46	#	1.3	0.61	Scarborough, to 9 p.m. ...	?	41	org. c	0.0	0.10
Teignmouth, to 9 p.m. ...	51	47	r. c	0.8	0.61	Harrogate, to 6 p.m. ...	48	39	org. o	0.6	0.15
Weymouth, to 6 p.m. ...	52	46	op. c	2.0	0.38	Buxton, to 6 p.m. ...	#	#	#	#	#
Bournemouth, to 6 p.m. ...	52	45	o. c. bc	3.0	0.30	Darwen, to 9 p.m. ...	47	38	or. bc	1.0	0.26
Southsea, to 6 p.m. ...	52	46	#	1.7	0.30	Manchester, to 9 p.m. ...	#	#	#	#	#
Bognor, to 6 p.m. ...	52	48	c. r. bc	0.5	0.09	Birmingham, to 9 p.m. ...	49	42	r. c	0.7	0.32
Worthing, to 6 p.m. ...	52	47	o. c	0.1	0.04						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ...	0	0		Ins.	Utrecht ...	0	0		Ins.
Marseilles ...					Groningen ...				
Malta ...					Zurich ...	*	*		
Algiers ...					Geneva ...	*	*		
Tunis ...					Lugano ...	*	*		
Palermo ...					Berne ...	12 hr. Dec. 13, 1910	1.30 p.m.	1.30 p.m.	Measured 7.30 a.m.
Naples ...					Coire ...	45	*	b	
Brindisi ...					Castasegna ...	43	*	o	
Rome ...					Davos ...	37	*	b	
Vienna ...									
St. Petersburg ...									

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Direc.	Force.		Air.					Lat.	Long.		Direc.	Force.	
							Dry Bulb.	Wet Bulb.	Sea								
	0	0	Ins.				0	0	0			0	0	Ins.			
Dominion { Dec. 12th 4am	50 N	27 W	28.35	SE	1-3	-					Furnessia { Dec. 13th 4am	55 N	10 W	28.40	ESE	6-7	bc
- 7am	50 N	29 W	28.32	NW	8-9	bc					- 7am	55 N	9 W	28.38	E	6-7	
Baltic { Dec. 12th 4am	51 N	16 W	28.69	WSW	4-5	-					- 7am	55 N	8 W	28.31	E	4-5	bc
- 7am	51 N	17 W	28.51	WSW	6-7	-					- 10am	55 N	7 W	28.36	SE	4-5	
- 3pm	51 N	19 W	28.10	NW	4-5	-											
- 6pm	51 N	20 W	28.27	NW	6-7	bc											
Mauveonia { Dec. 12th 4am	51 N	19 W	28.36	SSW	8-9	-					Campania { Dec. 13th 3pm	49 N	31 W	28.34	WNW	10-11	-
- 7am	51 N	21 W	28.06	SE	1-3	bc					- 6pm	49 N	30 W	28.33	WNW	10-11	-
- 3pm	50 N	25 W	28.70	NW	6-7	-					- 10am	50 N	27 W	28.27	WNW	10-11	-
- 6pm	50 N	26 W	28.86	NW	8-9	-					- 3pm	50 N	25 W	28.25	W	10-11	-
Vaderland { Dec. 12th 3pm	50 N	13 W	28.85	WSW	8-9	-					- 6pm	51 N	21 W	28.25	W	8-9	-
- 6pm	50 N	13 W	28.77	SW	8-9	-					- 10am	51 N	16 W	28.23	SW	6-7	-
- 10th 4am	50 N	18 W	28.40	WSW	8-9	-											
- 7am	50 N	16 W	28.56	WSW	8-9	bc					Majestic { Dec. 12th 3pm	43 N	28 W	28.97	W	6-7	-
Furnessia { Dec. 12th 4am	55 N	19 W	28.40	E	4-5	-					- 6pm	43 N	26 W	28.91	W	8-9	-
- 7am	55 N	18 W	28.36	E	4-5	-					- 10th 4am	43 N	22 W	28.51	WNW	8-9	bc
- 3pm	55 N	15 W	28.32	ESE	6-7	-					- 7am	43 N	20 W	28.96	WNW	6-7	-
- 6pm	55 N	14 W	28.26	SE	4-5	-					Minnetonka { Dec. 12th 3pm	50 N	16 W	28.48	SSW	10-11	-
											- 6pm	50 N	17 W	28.36	WSW	12	-
											- 10th 4am	50 N	19 W	28.53	NW	10-11	-
											- 3pm	50 N	19 W	28.53	NW	6-7	-
											- 6pm	50 N	19 W	28.53	NW	6-7	-

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.

W. N. SHAW (Director).

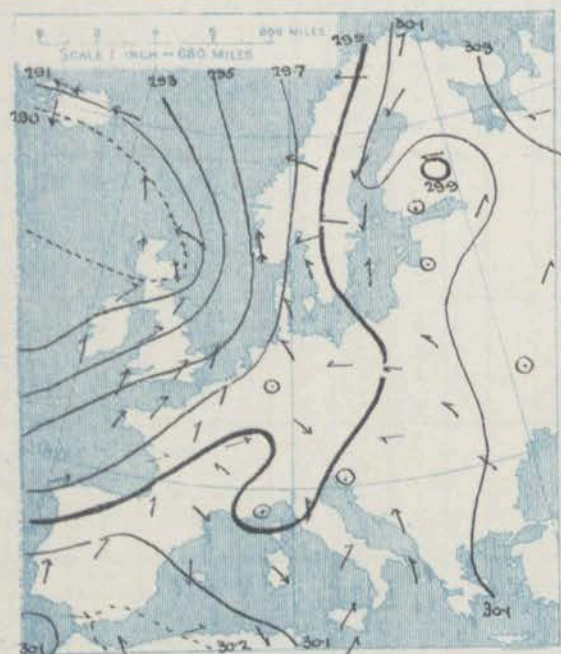
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday
15th December, 1910.

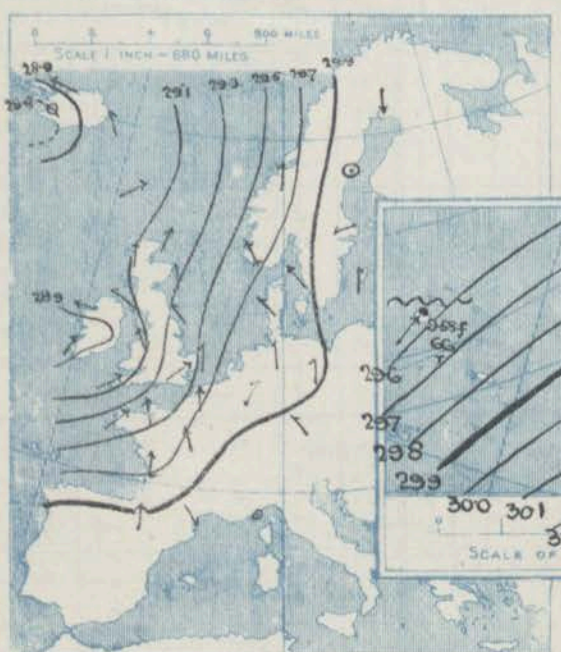
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.	TEMPERATURE.			Wind.	Force	Weather.	Sea	TEMP.		Weather.	Sun.	Rainfall		
								Dry Bulb.	Wet Bulb.	Change since Yesterday.					Max.	Min.					
At 33° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	(0 to 12)		At 33° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	(0 to 12)		(0 to 9).								
SCANDINAVIA.	Haparanda...	30.27	8	M	2	S	30.21	0.00	22	22	+27	2	0	S	22	-11			0.04		
	Hernösand...	30.18	24	2	0	0	30.18	+0.06	25	25	+3	2	0	0	25	21					
	Stockholm...	30.13	34	ESE	2	0	30.05	-0.03	36	36	+5	ESE	2	m	36	30					
	Wisby...	30.07	39	S	2	0	30.18	+0.20	39	37	-1	SSE	6	0	41	36					
	Karlstad...	30.03	35	ESE	2	0	29.97	-0.05	36	35	+4	E	2	f	36	31			0.04		
	Færder (X'ania Fjord)	29.86	39	SE	4	0	29.84	-0.05	39	37	+2	SE	4	0	39	37			0.16		
	Bodö...	29.84	32	?	0	0	29.85	0.00	33	29	0	ESE	4	1	34	30					
	Christiansund...	29.58	50	S	4	c	29.67	+0.03	47	40	+2	SE	3	bc	50	43					
Skudesnaes...	29.63	45	SE	8	0	29.53	-0.03	46	42	0	SE	8	c	46	43						
ICELAND & FAEROE.	Isafjord...	28.98	37	E	7	0	29.06	-0.07	35	35	-1	E	4	0	35	35					
	Reykjavik...	28.80	36	2	0	0	28.93	0.00	37	37	0	E	1	0	37	37					
	Seydisfjord...	28.92	41	SE	3	0	29.01	-0.01	35	35	-3	2	0	0	35	35					
	Thorshavn...	28.97	45	SW	4	0	29.16	+0.19	44	44	-1	S.	2	0	44	44					
BRITISH ISLANDS.	Sumburgh Head	29.21	45	SSW	4	c	29.18	+0.09	45	44	0	SSE	6	0	8	50	44	r. c		0.10	
	Stornoway...	29.11	46	S	4	bc	29.06	+0.10	44	44	-1	S	1	r	1	46	42	bc. b. ody	3.7	0.03	
	Castlebay (Barra Id.)	29.07	48	S	4	cp	29.03	+0.04	44	44	-1	NNW	2	r	3	48	42	c. bc. ody	2.5	0.13	
	Malin Head	29.00	44	ESE	2	bc	28.96	-0.08	46	46	+1	SSW	2	0	2	47	42	cm. bcp	0	0.08	
	Blackod Pt.	28.93	47	ESE	4	om	29.18	+0.10	47	45	+1	NNW	2	c	2	48	43	om. om	0	0.08	
	Valencia	28.82	49	SSW	4	r	29.28	+0.09	50	47	+3	WNW	5	bc	5	52	46	om. p. ody	0.0	0.54	
	Roche's Point	28.91	51	SW	4	odm	29.21	-0.05	49	48	0	WNW	4	c	3	51	47	od. an. c	0	0.16	
	Birr Castle	28.85	48	S	5	r	29.10	0.00	46	45	+2	W	5	og	4	49	41	cp. og	1.8	0.05	
	Donaghadee	29.10	49	ESE	3	c	29.02	-0.13	45	45	0	WSW	2	c	3	50	48	bc. ep.	0	0.17	
	Liverpool Obsy...	29.21	47	SE	3	bc	29.10	-0.20	46	46	-2	S	2	r	1	50	45	cp. b. ody	1.9	0.27	
	Holyhead	29.04	48	SE	4	rgm	29.07	-0.21	49	48	0	WSW	1	0	1	50	46	od. rgm	0	0.32	
	Pembroke (St. Ann's Hd.)	29.00	50	SSW	5	c	29.10	-0.23	48	47	-2	SW	3	cg	3	52	45	om. p. ody	0.5	0.79	
	Scilly (St. Mary's)	29.10	52	SW	6	ogm	29.20	-0.20	51	50	+1	WNW	7	cpm	6	53	48	ogm. c. bcp	0.0	0.44	
	Jersey (St. Aubins)	29.40	51	SSE	7	ogm	29.18	-0.46	53	52	+3	WSW	7	ogm	5	53	48	om. rg. ody	0.0	0.25	
	Portland Bill	29.10	52	S	8	rg	29.00	-0.47	52	50	0	WSW	5	cg	6	53	49	cp	0.2	0.31	
	Dungeness	29.45	49	SSE	7	r	29.18	-0.37	52	51	+1	S	6	0	6	53	50	c. r. ody	2.0	0.42	
	Dover	29.45	49	S	8	r	29.23	-0.36	50	48	0	S	6	0	6	51	45	c. ody. bc. ody	2.7	0.26	
WICK & ABERDEEN.	Wick	29.18	45	S	3	bc	29.11	+0.22	45	45	-1	S	4	ru	4	48	43	0	0.15		
	Nairn	29.16	39	WSW	1	bc	29.00	+0.07	42	42	0	0	0	c	1	47	36	0. bc. c	4.5	0.02	
	Aberdeen	29.27	46	SSE	3	c	29.06	+0.13	47	47	0	SSE	4	r	3	48	45	c. bc. b. om	2.6	0.13	
	Leith	29.22	46	SE	3	c	29.02	-0.01	45	44	-3	SE	1	0	4	51	43	c. o. ep	1.2	0.01	
	North Shields	29.22	46	SE	3	cm	29.04	-0.13	48	48	+1	2	0	0	3	51	43	c. om. r	1.2	0.08	
	Spurn Head	29.35	45	ESE	6	bc	29.12	-0.23	46	45	-1	SSE	5	cg	5	49	44	bc. bcp. ody	0	0.21	
	Yarmouth	29.52	47	S	3	m	29.20	-0.28	47	46	-1	S	2	c	3	51	46	m. ody	0.0	0.27	
	Clacton-on-Sea	29.50	47	SSE	4	r	29.20	-0.34	48	47	+1	SSE	4	0	4	50	46	bc. ody	3.0	0.16	
	Nottingham	29.32	48	S	5	r	29.10	-0.27	45	45	-3	SSW	1	0	4	51	44	bc. o. or	4.1	0.21	
	Bath	29.23	49	SW	2	r	29.08	-0.40	49	49	0	NR	1	r	4	54	48	0	2.2	0.54	
OXFORD & LONDON.	Oxford	29.20	50	SSE	5	r	29.11	-0.41	49	48	+2	SE	1	r	4	52	46	b. bc. or	0	0.96	
	London (St. James's Park)	29.39	50	SW	5	org	29.13	-0.33	51	49	+1	S	3	or	4	52	49	bc. org	0.3	0.22	
	GERMANY, & C.	The Scaw (Skagen)	29.84	41	SE	4	0	29.76	-0.07	40	39	-1	SE	4	0	1	41	39	0	0.12	
		Fanø	29.76	38	SE	2	0	29.62	-0.10	37	37	+1	SE	4	m	4	38	36	0	0	
Cuxhaven†		29.80	41	S	1	0	29.60	-0.18	37	37	+1	SE	4	c	4	43	36	0	0		
The Helder		29.63	46	S	4	0	29.36	-0.29	43	43	+1	SSE	4	0	3	46	41	0	0.16		
Brussels		29.88	36	S	1	0	29.40	-0.32	48	46	+3	S	3	0	4	48	44	0	0.32		
Berlin†		29.88	36	S	1	0	29.78	-0.40	35	37	+1	S	2	bc	4	41	30	0	0		
FRANCE.	Frankfurt†	29.86	41	SW	1	m	29.66	-0.15	38	39	+3	S	3	r	4	43	32	0	0.08		
	Munich†	30.01	34	SE	2	b	29.85	-0.03	36	30	-5	E	2	bc	4	43	25	0	0		
	C. Gris Nez	29.52	47	S	6	r	29.25	-0.36	50	48	+2	S	6	0	5	50	48	0	0.32		
	La Hève	29.50	50	SSW	6	0	29.26	-0.43	50	48	+3	S	7	r	5	50	45	0	0.24		
	Brest	29.36	52	SW	6	m	29.34	-0.26	53	52	+2	WNW	7	0	7	53	50	0	0.24		
	Lorient	29.41	54	SW	6	r	29.43	-0.26	53	53	+1	W	7	0	8	55	50	0	0.59		
PARIS & LYONS.	Rochefort	29.61	52	S	5	0	29.63	-0.13	55	52	+4	W	9	0	5	52	50	0	1.02		
	Biarritz	29.84	56	S	4	r	29.95	-0.01	57	52	+5	SSW	4	0	5	61	52	0	0.24		
	Paris	29.71	50	S	4	c	29.47	-0.31	48	46	+4	S	4	0	5	52	43	0	0.20		
	Belfort...	29.98	43	2	0	0	29.82	-0.09	46	46	-5	E	3	0	4	45	35	0	0.20		
	Lyons	29.97	43	SW	1	b	29.88	-0.14	46	42	+5	SSE	2	0	4	50	40	0	0.08		
	Nice	29.99	45	2	0	b	29.98	+0.20	44	42	+3	2	0	c	2	52	41	0	0		
SPAIN & PORTUGAL.	Perpignan	29.95	48	NNW	1	0	29.97	-0.02	46	46	-4	NE	1	c	2	60	44	0	0.04		
	Sanguinaire	30.06	54	W	5	c	30.07	+0.07	53	50	0	E	3	m	4	59	50	0	0		
	Corunna	30.15	63	SSW	5	0	30.22	+0.07	60	60	+1	SSW	5	r	6	61	59	0	0.87		
	Lisbon	30.21	59	SW	2	c	30.23	+0.07	61	69	+4	W	4	0	6	61	59	0	0		
MADEIRA.	Gibraltar	29.95	66	SW	6	r	29.58	-0.24	66	65	+2	SW	7	r	6	66	64	0	1.54		
	Azores (P. Delgada)	30.32	65	W	2	bc	30.30	+0.05	65	59	+1	W	2	0	3	72	54	0	0		
	Horta	29.95	66	SW	6	r	29.58	-0.24	66	65	+2	SW	7	r	6	66	64	0	1.54		
Madeira (Puncha)	30.32	65	W	2	bc	30.30	+0.05	65	59	+1	W	2	0	3	72	54	0	0			

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

7 A.M. YESTERDAY.



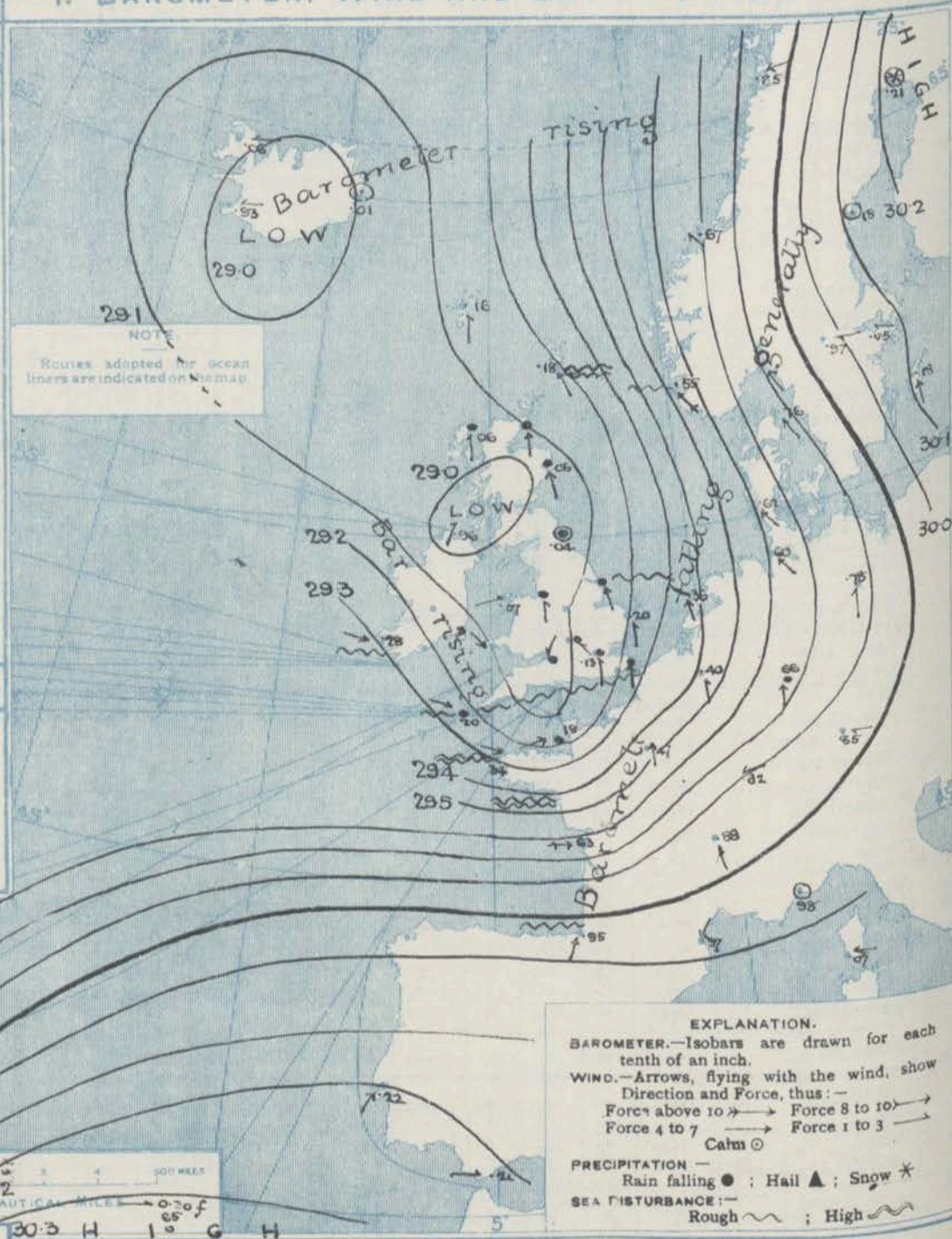
6 P.M. YESTERDAY



Thursday,

WEATHER 15th Dec^r

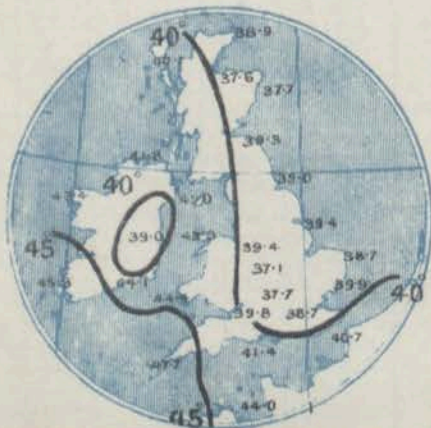
1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



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 ○
PRECIPITATION.—
 Rain falling ● ; Hail ▲ ; Snow *
SEA DISTURBANCE.—
 Rough ~ ; High ~

NOTES ON THE GENERAL SITUATION AT 7 A.M.

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



A large area of low pressure extends from Iceland to the English Channel, the barometer being lowest, below 29 ins., over a considerable portion of Scotland and nearly the whole of Iceland. Pressure is now rising again in the west and south-west of the United Kingdom. The mercury is above 30.1 ins. in the north of Sweden and also at Gibraltar.

The wind is moderate to high from the north-westward on our south-west coasts, and from the westward over the western half of the Channel, while in the south, east and east of Great Britain and over the North Sea and Denmark it is moderate to strong from the southward, and strong to a gale from that quarter in the south coast of Norway. Temperature has changed very little in these Islands and their neighbourhood, still ranging from about 52° in the south of England to 42° at Nain. Frost prevails in the north of Sweden and in Bavaria. Rain is falling in places over the greater portion of England and Scotland also at some places in the north of France and Western Germany, and snow is reported at Hoparanda. In the south-west of Iceland the sky has cleared somewhat, and bright weather is also prevalent at some stations on the Continent.

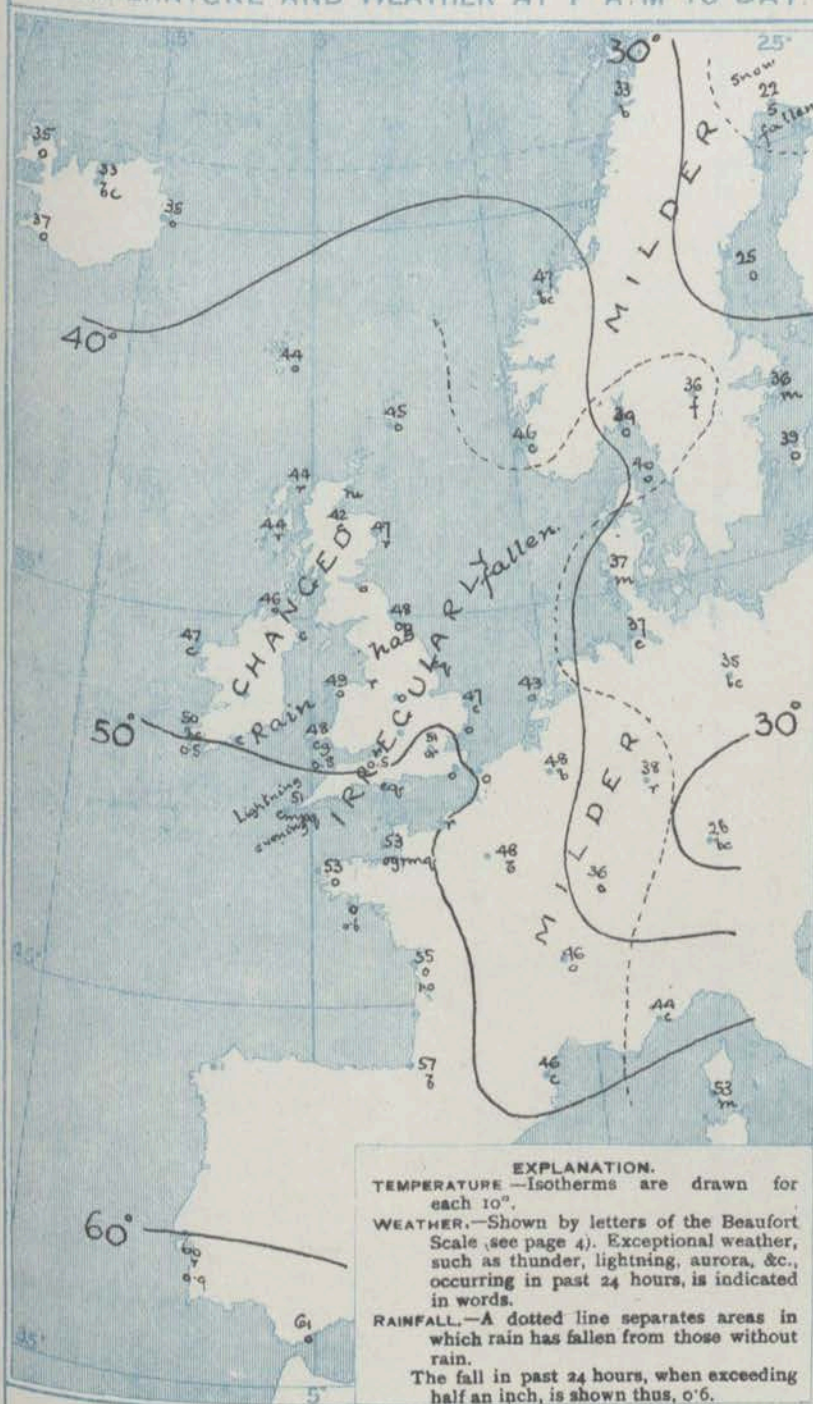
CHARTS

15th Decr 1910.

WEATHER

PROSPECTS.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to above 50° in most parts of the kingdom, touching 54° at Bath and Paigton. Rain has fallen generally, more than 1 inch at Bath and Valencia, and nearly an inch at Oxford. Rather more than 1/2 inch of bright sunshine were recorded at Nottingham, and 1/4 hour at Chigness and Nais. While in several other localities there were between 2 and 3 hours. In the south-west of England and in a few places elsewhere the day was unless.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression over the United Kingdom will move eastward or north-eastward slowly, but the general distribution of pressure will remain favourable for the advance of other disturbing systems from the westward.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

THE FURTHER OUTLOOK

1. { a } South Easterly and Easterly winds,
moderate or fresh; dull, rainy;
b } moderate or mild temperature.
Light to moderate variable winds;
rain at times; moderate or mild
temperature.
2. { a }
b } Wind veering towards West
or North West, fresh in places;
equally, rainy, then improving
somewhat, with a rather low
temperature.
3. { a }
b } Same as No. 1.
4. { a }
b } Wind between North West and
South West, fresh or strong at
times; showery, equally to fair;
becoming temporarily cooler.
5. { a }
b }
6. { a }
b }
7. { a }
b }
8. { a }
b }
9. { a }
b }
10. { a }
b }

WESTERN CHANNEL AND BAY

North Westerly to South Westerly winds, fresh or strong to moderate; sea rough; moderating later; squally, showery to fairer.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

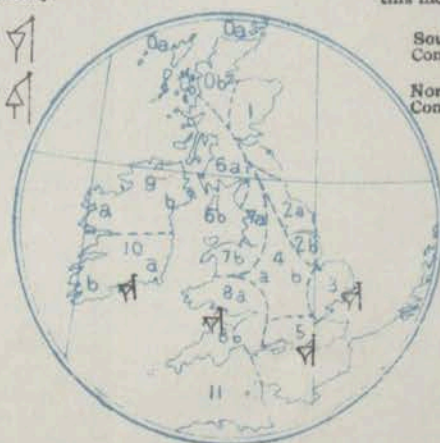
Signals hoisted this morning.

South
Cone.

North
Cone.

South
Cone.

North
Cone.



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.
	Max. °	Min. °					Max. °	Min. °			
Oban, to 6 p.m. ...						Brighton, to 6 p.m. ...	51	49	z	1.3	0.17
Dublin (City), to 4 p.m. ...	50	45	vq. bc. od	1	0.18	Seaford, to 6 p.m. ...	51	48	c. r	1.0	0.31
Blackpool, to 9 p.m. ...	50	45	c. op. or	0.6	0.12	Eastbourne, to 6 p.m. ...	52	49	f	1.6	0.25
Southport, to 9 p.m. ...	50	46	p. bc. r	1.6	0.24	Bexhill-on-Sea, to 9 p.m. ...	51	49	-	1.5	0.29
Rhyl, to 6 p.m. ...	52	45	bc. b. r	1.5	0.04	Hastings ...	*	*	*	1.0	*
Colwyn Bay, to 6 p.m. ...	51	47	bc. b. p	1.0	0.19	Folkestone, to 6 p.m. ...	51	48	or. r	2.4	0.19
Llandudno, to 9 p.m. ...	52	47	o. b. tep. r	2.3	0.18	Deal, to 6 p.m. ...	51	48	c. bc. op	2.5	0.13
Bettws-y-Coed, to 6 p.m. ...	50	46	b	3.0	*	Ramsgate, to 6 p.m. ...	*	*	*	2.0	*
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	52	47	o	1.1	*
Aberystwyth, to 6 p.m. ...	50	45	z	1.0	0.12	Felixstowe, to 6 p.m. ...	50	46	*	3.8	0.02
Plymouth, to 9 p.m. ...						Lowestoft, to 6 p.m. ...	51	43	c. o. c. bc	1.5	*
Paignton, to 6 p.m. ...	54	45	opq. r. op	0.0	0.63	Skegness, to 6 p.m. ...	49	46	c. bc	1.5	0.01
Torquay, to 6 p.m. ...	53	45	*	0.0	0.41	Scarborough, to 9 p.m. ...	?	44	o. c	0.0	*
Teignmouth, to 9 p.m. ...	52	45	c. r	0.0	0.30	Harrogate, to 6 p.m. ...	48	42	c. op. c	1.0	0.08
Weymouth, to 6 p.m. ...	53	49	p. bc. or	0.2	0.24	Buxton, to 6 p.m. ...	46	44	c. or. c	1.1	0.14
Bournemouth, to 6 p.m. ...	52	47	a. r. c	1.0	0.20	Darwen, to 9 p.m. ...	46	42	o. b. or	1.1	0.65
Southsea, to 6 p.m. ...	52	46	*	0.5	0.18	Manchester, to 9 p.m. ...					
Bognor, to 6 p.m. ...	51	50	b. or	1.3	0.16	Birmingham, to 9 p.m. ...	49	45	o. c. r	0.2	0.34
Worthing, to 6 p.m. ...	51	48	o. c. b. or	2.3	0.24						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... Dec. 1910	63	50	c. b	0.95	Utrecht ... Dec. 1910	52	43	bc. o	-
Marseilles ...	59	45	r. b	0.67	Groningen ...	50	36	bc. o	-
Malta ...	63	61	o	-	Zurich ...	*	*	b. c	-
Algiers ...	66	54	bc. b	-	Geneva ...	*	*	b. r	-
Tunis ...	64	46	m. o	-	Lugano ...	*	*	o. o	0.04
Palermo ...	67	50	o. b	0.32	Berne ... Dec. 1910	41	*	bc	Measured 7.30 a.m.
Naples ...	61	53	o. o	0.25	Coire ...	46	*	o	-
Brindisi ...	62	53	r. o	0.20	Castasegna ...	43	*	bc	-
Rome ...	60	51	o. o	0.20	Davos ...	37	*	b	-
Vienna ...	46	41	f. o	-					
St. Petersburg ...	36	30	f. o	0.32					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Dry Bulb.			Lat.	Long.		Dir.	Force.	
	o	o	Ins.				o	o	o			o	o	Ins.			

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. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.

W. N. SHAW (Director).

1910

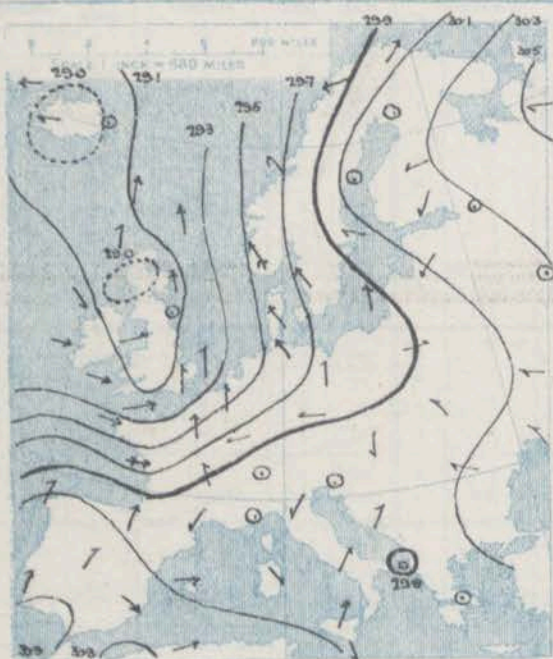
Friday
16th December, 1910.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

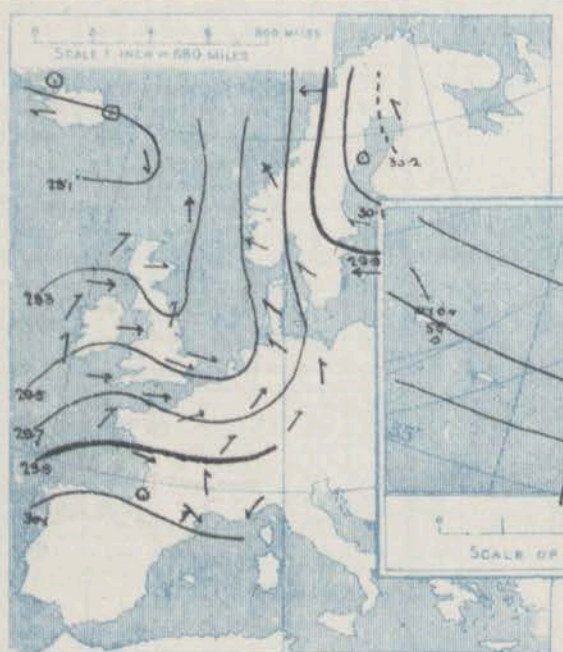
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.			
				At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Dry Bulb.			Dir.	Force (0 to 12).	At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.		Wet Bulb.	Change since Yesterday.				Dir.	Force (0 to 12).	Max.	Min.
		Ins.	"	"	"	"	Ins.	Ins.	"	"	"	Dir.	Force (0 to 12).	"	"	"	"	"			
SCANDINAVIA.	Haparanda...	30.22	24	SE	2	o	30.17	-0.05	25	24	+3	SE	2	S	25	3	"	0.04			
	Hernösand...	30.16	31	"	2	o	30.05	-0.13	33	32	+3	ENE	4	o	33	23	"	0.08			
	Stockholm...	29.95	37	ESE	2	r	29.90	-0.05	40	40	+4	SSE	2	f	40	34	"	0.12			
	Wisby...	29.87	41	E	4	o	29.87	-0.08	41	40	+2	SE	4	f	41	36	"	"			
	Karlstad...	29.91	36	E	4	r	29.83	-0.08	35	34	-1	ESE	2	o	"	"	"	0.04			
	Färder (X'ania Fjord)	29.80	29	E	5	o	29.75	-0.05	39	38	o	E	4	o	39	37	"	0.24			
	Bodö...	29.88	32	E	4	b	29.79	-0.09	36	32	+3	E	6	b	36	32	"	"			
	Christiansund	29.63	46	SE	4	b	29.58	-0.05	45	38	-2	SE	2	bc	46	43	"	"			
ICELAND & FAEROE.	Skudesnaes...	29.56	45	ESE	6	o	29.53	-0.03	44	43	-2	SE	6	o	46	42	"	"			
	Isafjord...	29.15	23	"	0	o	29.26	+0.11	33	"	-2	E	5	c	"	"	"	"			
	Reykjavik...	29.04	37	E	1	o	29.11	+0.07	32	"	-5	"	0	c	"	"	"	"			
	Seydisfjord...	29.10	37	"	0	r	29.12	+0.02	36	"	+1	"	0	r	"	"	"	"			
ICELAND & FAEROE.	Thorshavn...	29.10	41	WNW	2	r	29.17	+0.07	43	"	-1	WSW	1	c	"	"	"	"			
	Sumburgh Head	29.23	44	SSE	7	r	29.26	+0.03	43	43	-2	"	0	f	49	41	"	0.30			
	Stornoway...	29.26	41	SW	3	b	29.17	+0.09	42	41	-2	E	1	bc	45	35	"	0.05			
	Castlebay (Barra Id.)	29.29	44	"	0	b	29.06	+0.23	45	43	+1	ENE	4	o	48	43	"	0.14			
BRITISH ISLANDS.	Malin Head...	29.33	45	W	4	bc	28.85	-0.48	43	43	-3	E	5	rmg	47	40	"	0.03			
	Blackod Pt. ...	29.37	47	SSW	2	bc	28.67	-0.70	42	41	-5	NE	6	rmg	49	39	"	0.16			
	Valencia...	29.41	47	SSE	3	o	28.67	-0.74	49	48	-1	SSW	7	o	54	44	"	0.96			
	Roche's Point...	29.50	47	SW	2	b	28.79	-0.71	51	48	+2	W	6	c	51	47	"	1.20			
	Birr Castle...	29.46	41	"	2	c	28.66	-0.80	51	50	+5	SW	6	rmg	52	40	"	0.86			
	Donaghadee...	29.39	44	WNW	2	bc	28.89	-0.50	43	43	-2	SE	5	r	48	40	"	0.19			
	Liverpool Obsy...	29.44	46	WSW	4	bc	28.97	-0.47	44	43	-2	ESE	5	r	50	40	"	0.23			
	Holyhead...	29.45	47	W	4	b	28.81	-0.64	51	51	+2	SW	6	r	51	44	"	0.52			
	Pembroke...	29.53	49	SW	3	bc	28.89	-0.64	51	49	+3	SSW	8	rmg	54	42	"	0.61			
	(St. Ann's Hd.)																				
BRITISH ISLANDS.	Scilly (St. Mary's)	29.60	50	W	5	o	29.09	-0.51	52	51	+1	WNW	8	rmg	55	47	"	0.52			
	Jersey (St. Aubins)	29.72	52	W	6	bc	29.38	-0.34	55	54	+2	SW	5	rmg	55	49	"	0.29			
	Portland Bill...	29.58	51	W	4	bc	29.07	-0.51	53	53	+1	SSW	7	o	53	48	"	0.26			
	Dungeness...	29.46	50	WSW	3	c	29.30	-0.16	50	49	-2	"	7	r	54	46	"	0.40			
	Dover...	"	"	"	"	"	29.35	+0.12	48	48	-2	SSW	7	r	52	42	"	0.30			
	Wick...	29.21	42	N	1	c	29.21	+0.10	35	34	-10	N	1	c	45	34	"	0.10			
	Nairn...	29.27	43	WSW	1	c	29.17	+0.10	38	37	-1	"	0	o	46	30	"	0.01			
	Aberdeen...	29.26	46	W	1	o	29.18	+0.08	45	45	-2	ESE	3	o	48	43	"	0.10			
	Leith...	29.28	48	WSW	2	o	29.10	+0.18	41	40	-4	SE	1	o	49	38	"	"			
	North Shields	29.30	48	SSW	2	rm	29.19	+0.11	44	43	-4	"	3	o	50	39	"	"			
BRITISH ISLANDS.	Spurn Head...	29.39	45	WSW	3	rm	29.23	+0.16	43	43	-3	ESE	6	rmg	47	41	"	0.15			
	Yarmouth...	29.38	49	WNW	2	rm	29.36	+0.02	46	45	-1	SSE	3	r	50	43	"	0.21			
	Clacton-on-Sea	29.43	48	WNW	2	b	29.31	+0.12	46	46	-2	SSE	7	r	51	43	"	0.22			
	Nottingham...	29.46	49	W	4	o	29.12	+0.34	45	45	0	SE	5	r	52	41	"	0.42			
	Bath...	29.58	49	W	1	bc	29.11	+0.47	55	53	+2	SW	5	r	55	42	"	0.43			
	Oxford...	29.60	45	SW	4	b	29.11	+0.50	52	51	+3	"	5	rmg	52	43	"	0.72			
	London (St. James's Pk)	29.51	50	WNW	2	o	29.23	+0.28	50	49	-1	"	5	rmg	53	44	"	0.43			
	The Scaw (Skagen)	29.73	42	ESE	3	o	29.70	-0.03	41	40	+1	SE	3	o	43	39	"	"			
	Fanö...	29.62	39	SE	2	o	29.62	+0.00	36	35	-1	SE	2	f	39	36	"	"			
	Cuxhaven...	29.57	42	SE	2	o	29.62	+0.05	43	42	+1	"	2	f	43	37	"	"			
GERMANY, & G.	The Helder...	29.44	45	SE	2	o	29.54	+0.10	44	43	+1	"	3	c	46	43	"	"			
	Brussels...	"	"	"	"	"	29.63	+0.19	45	44	-3	SSE	4	r	50	43	"	0.16			
	Berlin...	29.75	39	"	3	c	29.78	+0.03	43	43	+8	"	2	o	43	34	"	"			
	Frankfurt...	29.63	48	SW	5	o	29.82	+0.19	46	46	+8	SW	5	o	48	37	"	0.08			
	Munich...	29.89	37	SW	3	o	30.01	+0.12	43	40	+7	SW	4	c	41	25	"	0.04			
	C. Gris Nez...	29.51	50	W	6	c	29.39	+0.12	47	46	-3	"	7	r	52	46	"	0.20			
	La Hève...	29.65	50	W	8	o	29.46	+0.19	49	48	-1	SSW	7	r	50	45	"	0.26			
	Brest...	29.77	52	SW	3	rm	29.42	+0.35	54	53	+1	SW	8	o	54	48	"	0.12			
	Lorient...	29.80	52	WSW	3	bc	29.54	+0.26	56	56	+3	WSW	7	o	55	48	"	0.59			
	Rochefort...	29.95	53	WNW	4	bc	29.78	+0.17	59	56	+4	W	6	r	59	52	"	0.12			
FRANCE.	Biarritz...	30.07	57	"	0	o	29.92	-0.15	63	58	+6	"	3	o	63	54	"	"			
	Paris...	29.69	51	WSW	4	o	29.69	+0.22	48	47	0	"	6	r	55	44	"	0.24			
	Belfort...	29.82	45	SW	4	o	29.97	+0.15	44	42	+8	W	2	o	47	26	"	0.20			
	Lyons...	29.96	48	"	2	o	30.02	+0.06	44	42	-2	WNW	2	r	49	43	"	0.04			
	Nice...	29.92	46	NE	2	f	30.05	+0.13	45	41	+1	NE	4	c	54	39	"	"			
	Perpignan...	30.06	57	WNW	3	o	30.04	+0.02	49	47	+3	WSW	1	o	63	44	"	"			
	Sanguinaire...	30.06	56	NE	4	c	30.15	+0.09	52	50	-1	E	3	o	57	50	"	"			
	Corunna...																				
	Lisbon...																				
	SPAIN & PORTUGAL.	Gibraltar...	30.20	59	W	3	o	30.25	+0.05	60	58	-1	W	2	o	"	"	"	"		
Azores (P. Delgada)...																					
" Horta...		29.88	59	W	3	o	30.10	+0.22	55	57	-11	WNW	3	o	68	55	"	0.12			
SPAIN & PORTUGAL.	Madeira (Puncha)...	30.30	66	WSW	3	o	30.30	+0.00	64	61	-1	WSW	3	r	70	55	"	0.08			

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

7 A.M. YESTERDAY

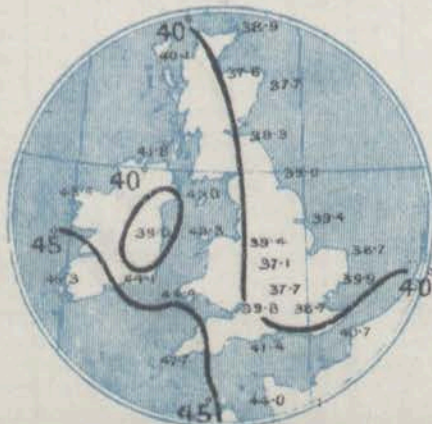


6 P.M. YESTERDAY



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

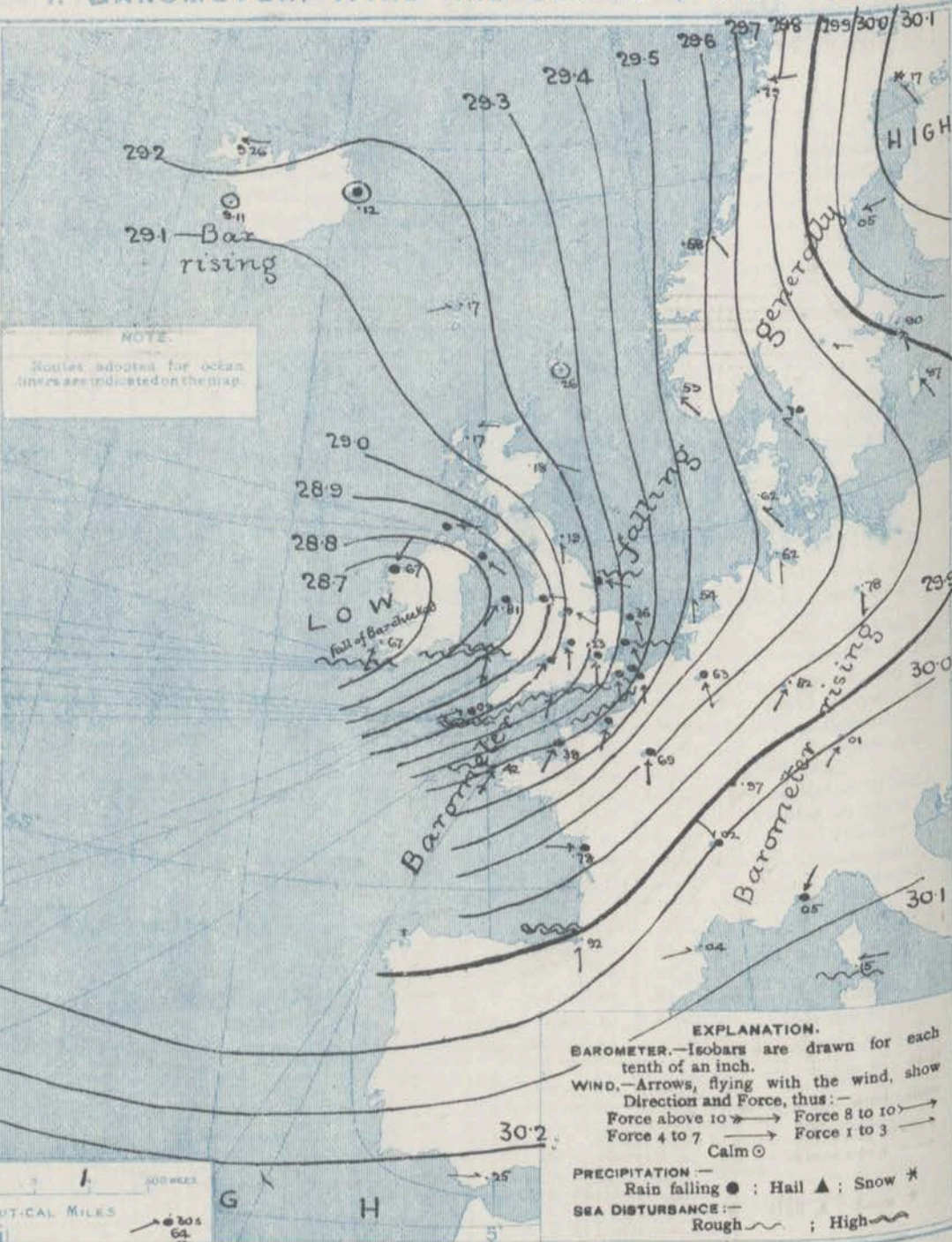
(Derived chiefly from Observations extending over the 35 years—1871-1905.)



Friday,

WEATHER 16th Dec^r

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Another depression is extending over these Islands from the Atlantic, and the barometer has fallen to below 28.7 ins in the western half of Ireland; the downward motion is continuing in all parts of the Kingdom. In the south-east of France the readings are above 30.0 ins., and in the north of Sweden above 30.1 ins.

The wind is strong to a gale from South-West or South in the south of Ireland and the west and south of England and over the north of these Islands. At Blackport Point there is a strong breeze from North-East. Temperature has changed little in this country, rises in many Continental regions. It is still above 50° in some parts of southern England, but is as low as 35° in Caithness. On the Continent the readings range from 63° at Biarritz, and 59° at Rochefort to 40° at Stockholm, and to 25° at Haparanda. Rain is falling over the greater part of the United Kingdom and the nearer regions of the Continent and over our area generally the sky is overcast. Snow is falling in the north of Sweden.

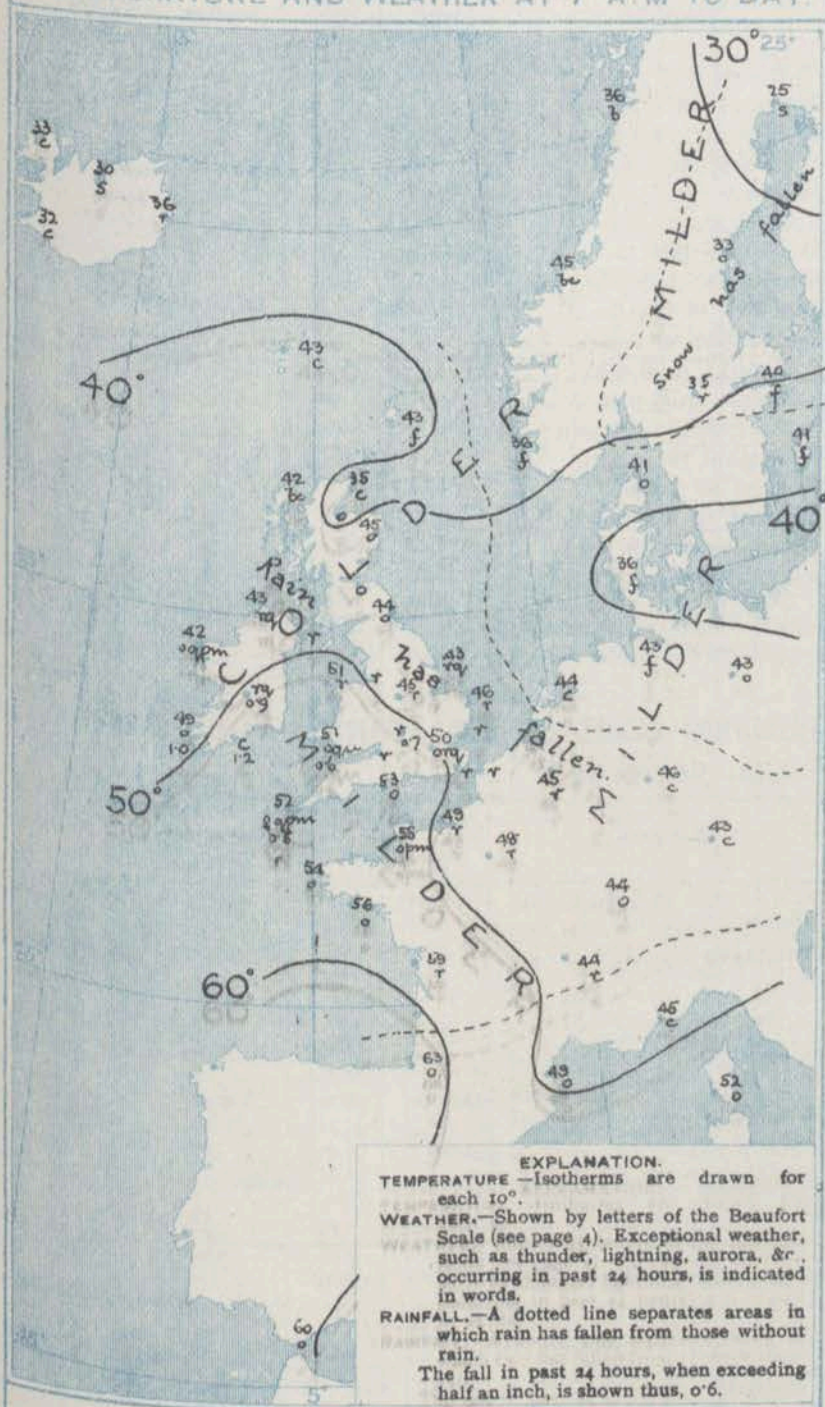
CHARTS 16th Decr 1910.

WEATHER PROSPECTS.

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

FORECASTS FOR THE 24 HOURS
NOON FRIDAY TO NOON SATURDAY.

THE FURTHER OUTLOOK



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 50° or a few degrees higher in various parts of England and Ireland, but the night was rather colder than of late in several parts of the Kingdom. Rain has fallen very generally, the amounts being large in many localities, more than an inch in the south of Ireland, and about 0.5 inch in various parts of England. Between 3 and 4 hours of bright sunshine were recorded over a large area in the west and southwest, but in the east and northeast the day was dull.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.



The cyclonic system in the west is likely to move eastward or north eastward, and to cause a continuance of the rough, rainy weather in most parts of the Kingdom during a considerable portion of the ensuing twenty-four hours.

- 1 } S.E. or E. winds, increasing in force; dull generally, rain at times; moderate temperature.
- 2 } Wind mainly between S. and W., strong to a gale, then moderating; squally, rain at times, fairer later; continuing mild.
- 3 } E. to variable winds, fresh or strong at times; dull, some rain; moderate temperature.
- 4 } Same as No. 2 to 5.
- 5 } Wind varying much both in direction and force; rain at times, squally; changeable temperature.
- 6 } WESTERN CHANNEL AND BAY
S.W. to W. gales and strong winds, moderating later; see very rough to rather rough; rainy, squally, then fairer.



FORECAST DISTRICTS.

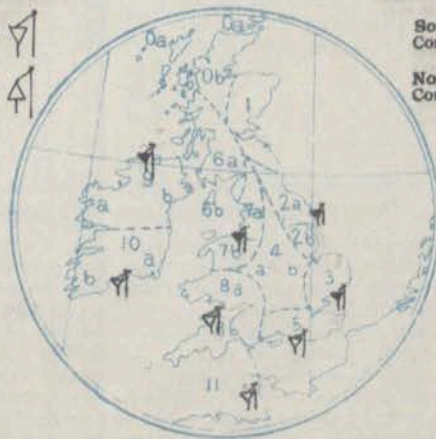
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

South Cone. 
North Cone. 

Signals hoisted this morning.

South Cone. 
North Cone. 



* If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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. °			
Oban, to 6 p.m. ...	49	45	b. bc. org	0.0	0.09	Brighton, to 6 p.m. ...	53	48	s	2.5	0.42
Dublin (City), to 4 p.m.	49	45	cray. b	s	0.10	Seaford, to 6 p.m. ...	51	48	r. bc. o	2.4	0.48
Blackpool, to 9 p.m. ...	49	44	r. o. c	0.1	0.13	Eastbourne, to 6 p.m. ...	52	48	f	2.1	0.43
Southport, to 9 p.m. ...	49	46	or. bc	0.1	0.10	Bexhill-on-Sea, to 9 p.m.	53	49	b	1.8	0.27
Rhyl, to 6 p.m. ...	50	44	o. b. r	0.0	0.24	Hastings ...	s	s	s	1.4	s
Colwyn Bay, to 6 p.m. ...	50	47	p	0.0	0.31	Folkestone, to 6 p.m. ...	52	47	r. o	0.5	0.30
Llandudno, to 9 p.m. ...	49	46	or. o	0.0	0.21	Deal, to 6 p.m. ...	52	48	or. bc. b	0.2	0.9
Bettws-y-Coed, to 6 p.m.	49	45	p	0.1	s	Ramsgate, to 6 p.m. ...	s	s	s	0.3	0.68
Towyn, to 6 p.m. ...	49	45	r. o. c. bc	1.7	0.69	Margate, to 6 p.m. ...	51	47	o	0.0	0.52
Aberystwyth, to 6 p.m. ...	52	45	s	1.3	0.16	Felixstowe, to 6 p.m. ...	50	46	s	0.0	0.35
Plymouth, to 9 p.m. ...	52	36	op. bc	3.5	0.37	Lowestoft, to 6 p.m. ...	49	44	or. c	0.0	0.39
Paignton, to 6 p.m. ...	52	48	bc	2.7	0.26	Skegness, to 6 p.m. ...	49	45	r. cr. m	0.0	0.72
Torquay, to 6 p.m. ...	52	48	s	4.3	0.29	Scarborough, to 9 p.m. ...	49	44	o. c. bc	0.0	0.28
Teignmouth, to 9 p.m. ...	53	49	pq. b.	3.4	0.36	Harrogate, to 6 p.m. ...	49	44	op. c. o	1.1	0.19
Weymouth, to 6 p.m. ...	52	49	gh. cp	3.1	0.58	Buxton, to 6 p.m. ...					
Bournemouth, to 6 p.m. ...	52	48	c. bc. b	3.6	0.40	Darwen, to 9 p.m. ...	48	41	or. c	0.0	0.43
Southsea, to 6 p.m. ...	54	48	s	3.7	0.40	Manchester, to 9 p.m. ...			r. c	1.5	0.21
Bognor, to 6 p.m. ...	53	50	o. bc. c	3.3	0.32	Birmingham, to 9 p.m. ...	50	43			
Worthing, to 6 p.m. ...	55	48	r. o. c. o	3.0	0.48						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga 15th Dec. 1910	68	50	c. c	Ins.	Utrecht 15th Dec. 1910	50	43	b. r	0.35
Marseilles ...	55	41	b. o	-	Groningen ...	46	41	o. r	0.04
Malta ...	63	57	o	0.24	Zurich ...	s	s	b. r	0.04
Algiers ...	66	57	o. o	-	Geneva ...	s	s	b. o	0.12
Tunis ...	68	50	o. o	-	Lugano ...	s	s	o. o	0.24
Palermo ...	66	50	c. o	0.04	Berne 16th Dec. 1910 1.30 p.m.	43	s	bc	Measured 7.30 a.m.
Naples ...	61	48	r. b	0.71	Coire ...	43	s	o	-
Brindisi ...	63	41	b. b	0.12	Castasegna ...	not	s	received	-
Rome ...	57	46	bc. b	0.47	Davos ...	32	s	bc	-
Vienna ...	50	32	b. f	-					
St. Petersburg ...	36	34	o. f	-					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
Baltic { 12th Dec 4am	51 N	24 W	27.84	NNW	4-5	-	o	o	o			o	o	Ins.			
- 7am	51 N	24 W	28.07	NW	6-7	c	.	.	.								
- 3pm	50 N	28 W	29.16	NNW	4-5	-	.	.	.								
- 6pm	50 N	29 W	29.13	WSW	1-3	o	.	.	.								
Minnestonka { 13th Dec 3pm	50 N	21 W	29.19	WNW	6-7	-	.	.	.								
- 6pm	50 N	20 W	29.17	WNW	6-7	b	.	.	.								
Vaderland { 13th Dec 3pm	50 N	17 W	29.02	WNW	6-7	c	.	.	.								
- 6pm	50 N	18 W	29.12	WNW	6-7	c	.	.	.								
- 9am	50 N	20 W	28.84	SSW	4-5	-	.	.	.								
- 1pm	50 N	22 W	28.58	SSW	6-7	r	.	.	.								

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. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday
17th December, 1910.

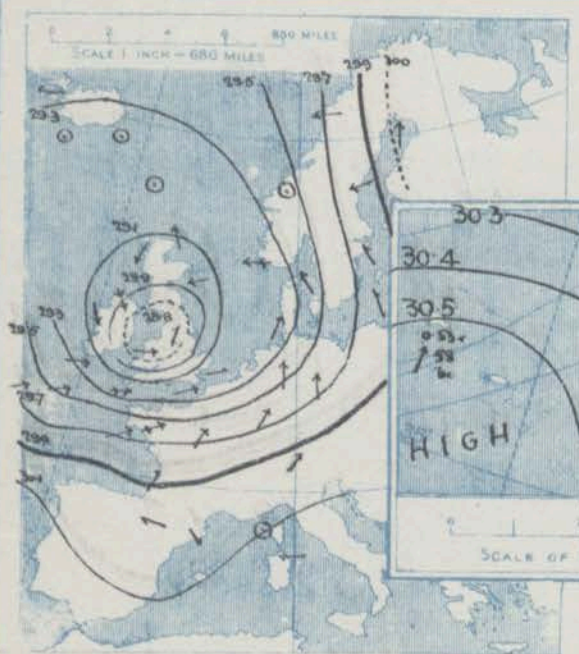
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.	
				At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Dry Bulb.		Dirac.	Force (0 to 12).	At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.			Dirac.	Force (0 to 12).				Max.	Min.
SCANDINAVIA.																					
Haparanda...	29.03	27	S	4	S	29.86	-31	31	31	+6	SSE	2	S			31	21			0.08	
Hernösand...	29.82	35	ESE	4	r	29.63	-42	36	36	+3	SE	4	r			37	30			0.28	
Stockholm...	29.74	40	SE	2	m	29.44	-46	41	41	+1	SE	2	r			41	37			0.12	
Wisby...	29.71	41	SSE	2	r	29.45	-42	43	43	+2	S	4	o			43	36			0.08	
Karlstad...	29.36	39	E	2	r	29.30	-53	40	39	+5	E	2	r							0.28	
Færder (X'ania Fjord)	29.44	40	E	4	r	29.18	-57	41	40	+2	E	4	o			41	39			-	
Bodö...	29.70	33	E	6	b	29.54	-25	36	33	0	E	6	b			36	32			-	
Christiansund...	29.41	44	2	0	b	29.23	-35	43	38	-2	E	1	bc			46	41			-	
Skudesnaes...	29.14	46	E	8	o	29.04	-49	46	42	+2	ESE	4	o			46	43			-	
ICELAND & FAEROE.																					
Isafjord...	29.26	33	E	2	o	29.67	+41	27		-6	NE	4	o								
Reykjavik...	29.20	33	2	0	c	29.55	+44	32		0	N	4	o								
Seydisfjord...	29.21	37	2	0	o	29.39	+27	34		-2	NW	3	c								
Thorshavn...	29.21	34	2	0	b	29.35	+18	40		-3	NW	4	c								
BRITISH ISLANDS.																					
Sumburgh Head	29.09	44	SSE	5	r	29.17	-09	42	42	-1	ESE	3	c			51	41	m. r		0.48	
Stornoway...	29.03	48	NE	4	r	29.39	+22	43	41	+1	N	4	b			45	41	o. ody. bcq	0.0	0.02	
Castlebay (Barra Id.)	28.99	46	N	4	c	29.43	+37	46	44	+1	NW	4	c			46	43	o. c. ep. bc	0.0	0.04	
Malin Head...	28.85	44	NNW	5	r	29.41	+56	44	44	+1	NW	8	bcq			45	40	org. g. m. bp		0.06	
Blacksod Pt.	29.01	46	NNW	5	org	29.59	+92	46	44	+4	NNE	2	c			47	40	org. op. l. am		0.05	
Valencia...	29.24	47	W	6	rg	29.62	+95	47	44	-2	NW	3	o			51	46	m. rg. am	0.0	0.23	
Roche's Point...	29.12	47	W	7	c	29.56	+77	46	45	-5	WNW	3	b			51	46	r. c. o. b		0.06	
Birr Castle...	28.97	43	W	7	or	29.56	+90	42	41	-9	WSW	1	c			51	39	or c	0.0	0.18	
Donaghadee...	28.74	44	NNE	1	om	29.35	+50	46	44	+3	NNE	3	o			49	43	op. om. p		0.60	
Liverpool Obsy...	28.75	48	SSW	3	o	29.28	+31	44	42	0	W	4	r			51	43	op. og. r	0.0	0.26	
Holyhead...	28.76	49	W	6	cp	29.33	+52	47	46	-4	NW	8	o			51	44	omg. cp. dp		0.34	
Pembroke																					
(St. Ann's Hd.)																					
Scilly (St. Mary's)	29.31	51	W	10	cpmq	29.57	+48	47	46	-5	WNW	5	cpmq			53	46	emg. cpq	0.3	0.07	
Jersey (St. Aubins)	29.55	53	WSW	8	em	29.61	+23	51	48	-4	WSW	6	cpmq			57	48	org. em. em	0.5	0.06	
Portland Bill	29.08	52	SW	11	cq	29.44	+37	50	48	-3	WSW	6	b			54	46	bcq	0.1	0.02	
Dungeness...	29.24	52	WSW	10	b	29.37	+07	50	49	0	SW	7	cq			54	49	org. c. p. q	0.0	0.32	
Dover...						29.44	+09	47	45	-1	SW	6	b			52	44	or. c. bc. b	0.0	0.17	
Wick...	28.99	43	E	3	r	29.21	-00	43	42	+8	E	3	c			45	34			0.20	
Nairn...	28.94	42	E	2	o	29.22	+05	44	42	+6	NNE	3	c			44	36	o	0.0	0.10	
Aberdeen...	28.86	43	ESE	4	o	29.14	-04	43	42	-2	NNW	5	o			46	42	or. rg. or	0.0	0.13	
Leith...	28.75	44	N	4	r	29.18	+08	46	43	+5	WNW	3	o			46	39	f. rg. or		0.26	
North Shields	28.73	47	SSW	3	r	29.11	-08	44	42	0	SW	2	r			49	40	o. r	0.3	0.24	
Spurn Head...	28.86	49	SSW	7	r	29.14	-09	44	43	+1	W	6	org			50	42	em. crq		0.34	
Yarmouth...	29.11	50	WSW	3	bcq	29.21	-15	47	43	+1	WSW	4	o			53	45	emg. cpq	0.0	0.58	
Clacton-on-Sea...	29.19	49	SW	7	bc	29.32	+01	47	44	+1	WSW	5	bc			52	45	org. bc	0.5	0.12	
Nottingham...	28.86	48	SW	8	r	29.27	+15	44	43	-1	W	4	r			54	43	r. o. ep. r	0.0	0.10	
Bath...	29.12	50	SW	7	r	29.42	+31	48	46	-7	SW	6	o			54	47		0.2	0.40	
Oxford...	29.10	50	SW	10	o	29.41	+30	46	44	-6	WSW	4	od			54	45	org. op. m. d		0.20	
London (St. James's Pk)	29.17	52	WSW	5	cpq	29.36	+13	47	44	-3	WSW	4	b			55	47	org. op. cpq	1.1	0.12	
GERMANY, & C.																					
The Scaw (Skagen)	29.33	42	SE	5		29.13	-57	43	42	+2	SSW	3	o			43	41			0.20	
Fanö...	29.17	44	SW	6	r	29.08	-54	43	43	+7	SW	4	o			43	36			0.08	
Cuxhaven...	29.33	46	S	6	r	29.26	-36	46	40	+3	SSW	8	rg			48	43			0.35	
The Helder...	29.23	48	SSW	7	o	29.24	-30	48	44	+4	SW	7	o			50	43			0.55	
Brussels...																					
Berlin...	29.63	44	S	4	o	29.60	-18	46	45	+3	S	2	o			48	36			0.22	
Frankfurt...	29.65	50	SW	6	bc	29.62	-20	50	44	+4	SW	4	o			50	46			0.24	
Munich...	29.93	44	SW	5	r	29.81	-20	43	44	0	S	2	o			46	41			0.16	
FRANCE.																					
C. Gris Nez...	29.36	51	SW	8	o	29.43	+04	50	48	+3	SW	8	c			52	47			0.47	
La Hève...	29.61	50	SW	8	o	29.60	+14	48	46	-1	WSW	5	bc			54	45			-	
Brest...	29.63	53	WSW	8	o	29.71	+29	52	49	-2	W	3	c			55	48			0.04	
Lorient...	29.70	52	WSW	6	o	29.70	+16	50	50	-6	WSW	4	o			56	48			0.04	
Rochefort...	29.88	55	SW	5	o	29.78	00	48	46	-11	SSW	3	r			59	46			0.51	
Biarritz...	29.99	54	ESE	2	f	29.86	-06	53	52	-10	WNW	3	r			66	52			0.32	
Paris...	29.71	51	SSW	4	bc	29.66	-03	48	45	0	SSW	3	o			59	47			0.12	
Belfort...																					
Lyons...	30.03	46	SSE	2	o	29.78	-24	46	45	+9	S	2	r			53	44			0.24	
Nice...	30.10	49	2	0	o	30.02	-03	46	45	+1	2	0	o			54	45			-	
Perpignan...	30.06	50	NW	1	o	29.81	+23	51	50	+2	2	0	o			57	48			-	
Sanguinaire...	30.16	57	E	2	m	30.10	-05	55	53	+3	SE	3	m			64	52			-	
SPAIN & PORTUGAL.																					
Corunna...																					
Lisbon...	29.78	64	SSW	3	r	30.10	-15	59	55	-1	SSW	3	o			64	52			0.32	
Gibraltar...	30.18	59	W	2	bc	30.14	-11	60	58	0	W	6	or							-	
Azores (P. Delgada)																					
" Horta...	30.50	54	WNW	2	bc	30.53	+43	58	52	+3	SSW	4	bc			61	52			-	
Madeira (Punchal)	30.31	66	WSW	3	o	30.39	+09	64	55	0	WSW	3	o			68	54			-	

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

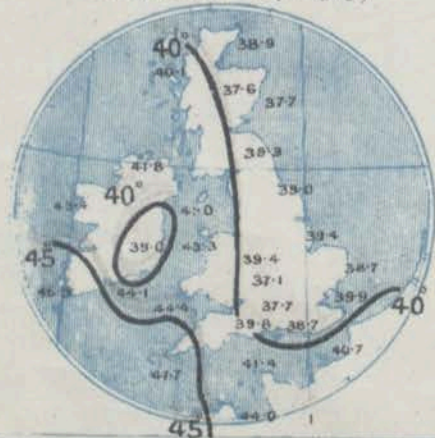
7 A.M. YESTERDAY.



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.)

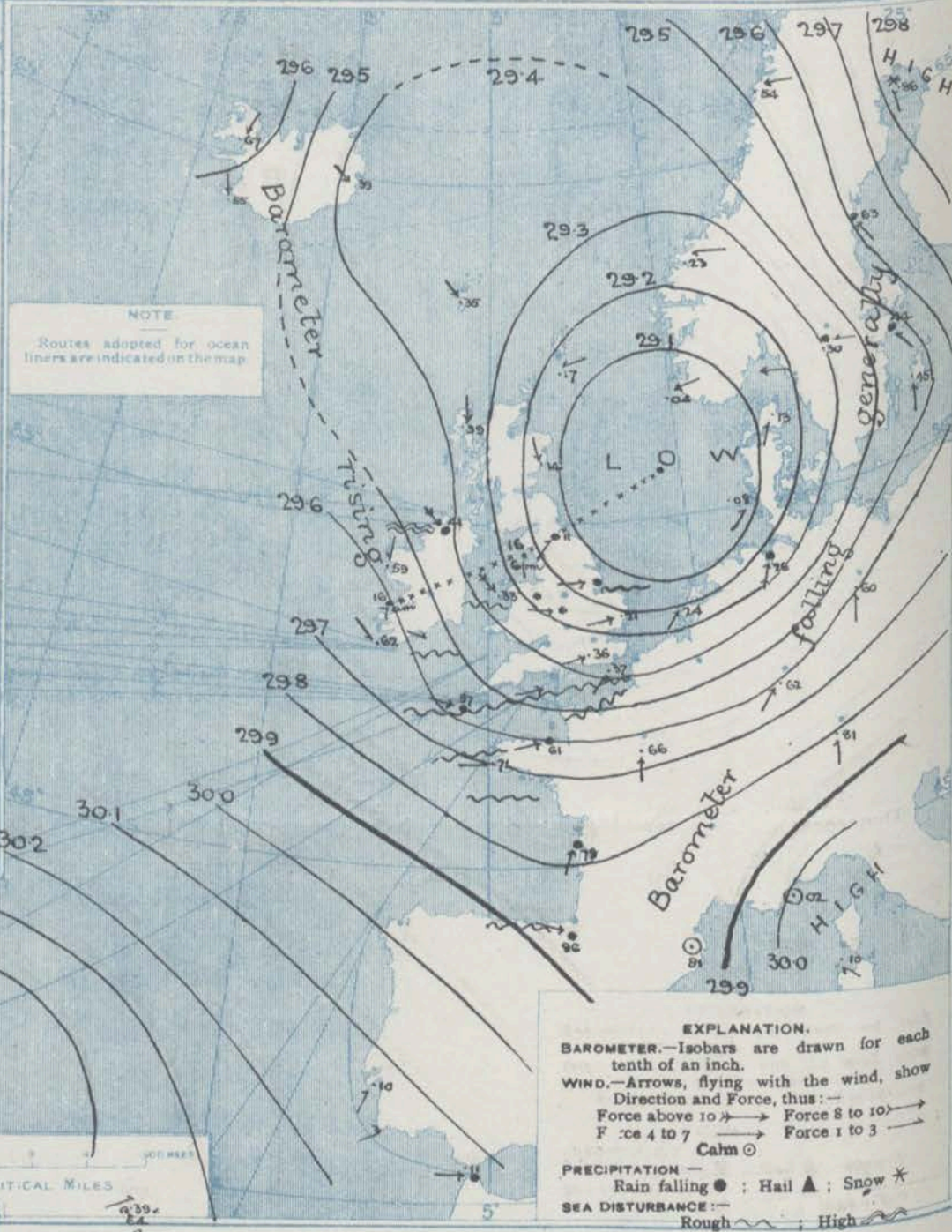


WEATHER

Saturday,

17th Decr. 1910

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 ○
PRECIPITATION —
Rain falling ● ; Hail ▲ ; Snow *
SEA DISTURBANCE:—
Rough ~~~~ ; High ~~~~

NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression of yesterday has reached the North Sea, and appears to have become less deep, the lowest barometer reading reported being 29.04 ins. at Skudesnaes. In its rear, the mercury rose with great rapidity in Ireland, the change since yesterday morning being nearly an inch on the west coast. A decided increase of pressure has also occurred in the Azores region, and the barometer at Ponta now stands at 30.53 ins.

The cyclonic circulation of the air is well marked, a W. to N.W. current prevailing over the United Kingdom, a S. current over North Germany and Denmark, and an E. flow of air over Norway. Gales are still reported at Malin Head and Holyhead, and strong to high winds on the English Channel. Temperature has fallen a little in most parts of these islands, but is still high for the time of year, ranging from 50° in the south to 43° in the extreme north. Rain is falling in several parts of the United Kingdom and also in the southwest and west of France and over the greater part of Sweden, as well as at the mouth of the Elbe, and much cloud is reported over our area generally.

CHARTS

17th December 1910.

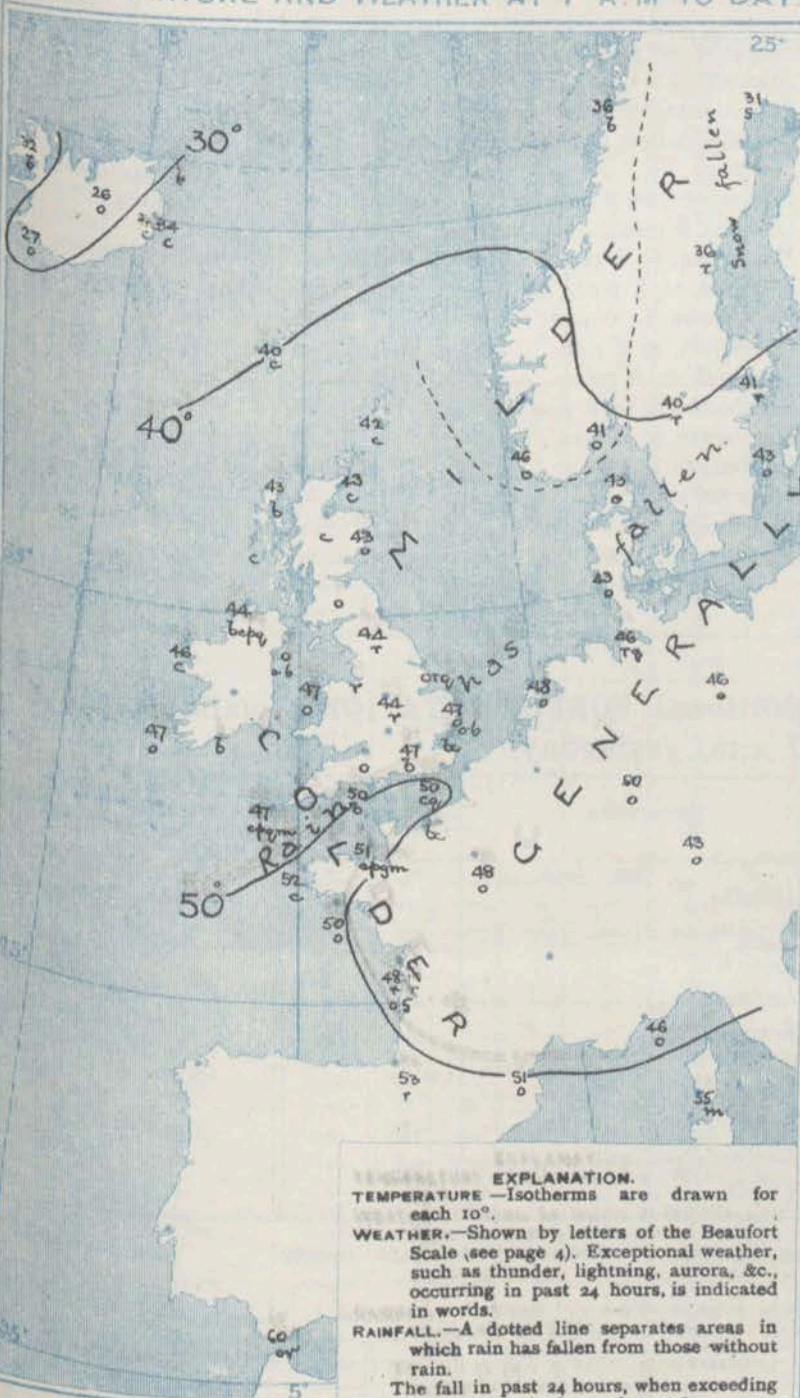
WEATHER

PROSPECTS.

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

FORECASTS FOR THE 24 HOURS
NOON SATURDAY TO NOON SUNDAY

THE FURTHER OUTLOOK



NOTES ON YESTERDAY'S WEATHER

During yesterday the temperature rose to 55° in London and at Margate, and to 57° at Jersey. Rain has fallen very generally, about ½ inch in various localities. Scarcely any bright sunshine was recorded in any part of the Kingdom. Gale from S.W. or W. were general on our western and southern coasts yesterday, the force of a whole gale or a storm being attained on some parts of the English Channel. Strong winds and gales from between S.W. and N.W. were experienced, according to wireless reports, as far west as the 23rd meridian.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The rapid rise of the barometer in Ireland seems to show that a ridge of relatively high pressure is about to pass eastward or southeastward across the United Kingdom.

- 0 } Wind mainly N.W.^{ly}, moderating; some squalls and showers, otherwise fair; cooler than of late.
- 1 }
- 2 }
- 3 }
- 4 } Wind between W. and N.W., moderating; some squalls and showers, but mostly fair; temperature rather lower, air [drier].
- 5 }
- 6 }
- 7 } N.W.^{ly} winds, moderating, backing later; some squalls and showers, bright intervals; temperature rather lower.
- 8 }
- 9 }
- 10 }

II WESTERN CHANNEL AND BAY

N.W. to N.W.^{ly} winds, strong to moderate; squally, showery to fair; sea rough, then moderate; temperature falling somewhat.

FORECAST DISTRICTS.

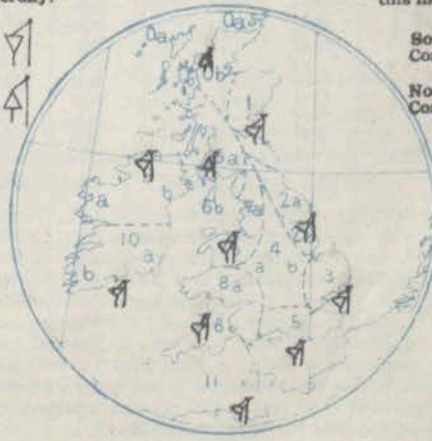
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South
Cone. ↗
North
Cone. ↖

South
Cone. ↘
North
Cone. ↙



If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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. °			
Oban, to 6 p.m. ...						Brighton, to 6 p.m. ...	53	46	*	0.0	0.51
Dublin (City), to 4 p.m. ...	51	42	b. or q. cl.	*	0.70	Seaford, to 6 p.m. ...	53	46	r. c. o	0.0	0.77
Blackpool, to 9 p.m. ...	49	40	or o	0.0	0.53	Eastbourne, to 6 p.m. ...	54	45	*	0.0	0.59
Southport, to 9 p.m. ...	50	40	or o. r	0.0	0.40	Bexhill-on-Sea, to 9 p.m. ...	54	45	p. c	0.0	0.64
Rhyl, to 6 p.m. ...	52	40	o. r. b. o	1.7	0.38	Hastings ...	*	*	*	0.0	*
Colwyn Bay, to 6 p.m. ...	52	45	p	0.0	0.65	Folkestone, to 6 p.m. ...	52	42	r. o. c	0.0	0.51
Llandudno, to 9 p.m. ...	52	41	or o	0.0	0.64	Deal, to 6 p.m. ...	54	43	or q	0.0	0.53
Bettws-y-Coed, to 6 p.m. ...					*	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.15
Towyn, to 6 p.m. ...	52	45	r. o. r	0.0	0.81	Margate, to 6 p.m. ...	55	42	r. o	0.1	0.13
Aberystwyth, to 6 p.m. ...	53	43	*	0.0	0.12	Felixstowe, to 6 p.m. ...	53	47	*	1.0	0.33
Plymouth, to 9 p.m. ...						Lowestoft, to 6 p.m. ...	54	42	c. b. or c	0.3	0.70
Paignton, to 6 p.m. ...	53	43	sp. bop	0.0	1.00	Skegness, to 6 p.m. ...	54	?	r. c	1.1	0.41
Torquay, to 6 p.m. ...	53	45	*	0.0	0.87	Scarborough, to 9 p.m. ...	50	41	or q. or	0.0	0.36
Teignmouth, to 9 p.m. ...	53	46	r. q	0.0	0.89	Harrogate, to 6 p.m. ...	48	38	or q. or	0.0	0.44
Weymouth, to 6 p.m. ...	53	46	b. o. epq	0.1	0.59	Buxton, to 6 p.m. ...					
Bournemouth, to 6 p.m. ...	54	45	a. crq	1.0	0.68	Darwen, to 9 p.m. ...	48	37	c. or	0.0	0.82
Southsea, to 6 p.m. ...	54	46	*	0.8	0.60	Manchester, to 9 p.m. ...					
Bognor, to 6 p.m. ...	54	47	r. q. c. b	0.0	0.46	Birmingham, to 9 p.m. ...	52	40	r. p. o	0.3	0.76
Worthing, to 6 p.m. ...	53	45	r. o. c	0.1	0.58						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Malaga ... 16th Dec 1910	0	0		Ins.	Utrecht ... 16th Dec 1910	0	0		Ins.
Marseilles ...					Groningen ...				
Malta ...					Zurich ...	*	*		
Algiers ...					Geneva ...	*	*		
Tunis ...					Lugano ...	*	*		
Palermo ...					Berne ... 15th Dec 1910	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m. 0.08
Naples ...					Coire ...	43	*	bc	
Brindisi ...					Castasegna ...	48	*	o	
Rome ...					Davos ...	43	*	o	
Vienna ...						24	*	o	
St. Petersburg ...									

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	
	Lat.	Long.		Direc.	Force.		Air.					Lat.	Long.		Direc.	Force.		
							Dry Bulb.	Wet Bulb.	Sea									
Saxonia	0	0	Ins.				0	0	0		Victoria	0	0	Ins.				
	15th Dec 4am	50 N	29.32	SSW	4-5	-				{		15th Dec 3pm	55 N	19 W	29.19	SW	4-5	
	" 7am	50 N	29.27	SSW	1-3	bc						" 6pm	55 N	18 W	29.18	SW	4-5	
	" 9pm	50 N	29.10	ESE	4-5	-						" 4am	55 N	13 W	29.94	E	4-5	
	" 4am	51 N	29.00	E	4-5	-						" 7am	55 N	11 W	29.85	E	6-7	
	" 7am	51 N	29.10	WNW	8-9	-						{	16th Dec 3pm	55 N	10 W	29.90	N	6-7
St. Paul.	15th Dec 4am	49 N	29.19	S	1-3	-				{	" 6pm		55 N	11 W	29.20	N	6-7	
	" 7am	49 N	29.18	S	1-3	b					Mt. Temple		16th Dec 3pm	50 N	20 W	29.55	W	6-7
	" 9pm	49 N	29.00	N	4-5	-							" 6pm	50 N	19 W	29.65	WNW	6-7
	16th 4am	49 N	29.03	N	6-7	-							{	15th Dec 3pm	49 N	29 W	29.4	W	6-7
	" 7am	49 N	29.27	W	8-9	-						" 6pm		49 N	28 W	29.18	WNW	6-7
	" 9pm	49 N	29.21	W	8-9	-				" 4am		49 N		23 W	29.24	WNW	6-7	
Victorian	14th 3pm	53 N	29.12	ESE	1-3	-				{	" 7am	49 N		22 W	29.29	WNW	6-7	
	" 6pm	53 N	29.17	N	1-3	bc					" 9pm	49 N		18 W	29.49	W	6-7	
	" 9am	54 N	29.20	WNW	4-5	-					" 6pm	49 N	17 W	29.57	WNW	6-7		
	" 7am	54 N	29.21	W	4-5	-					" 4am	49 N	13 W	29.67	NW	6-7		
	" 9am	54 N	29.21	W	4-5	-					" 7am	49 N	11 W	29.67	NW	6-7		

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

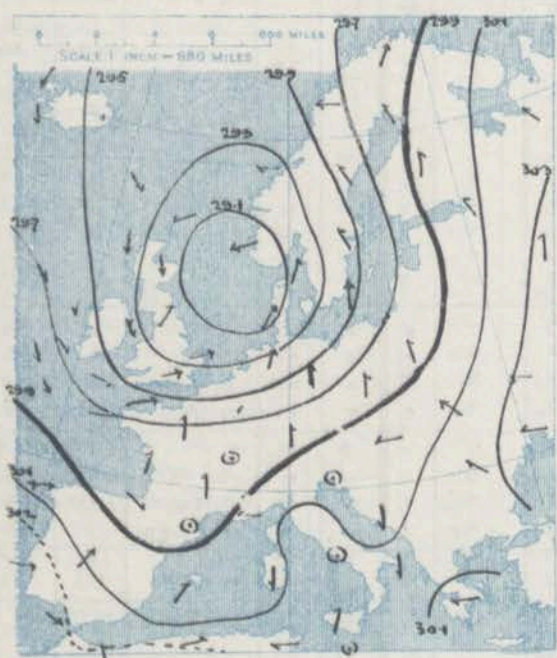
TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

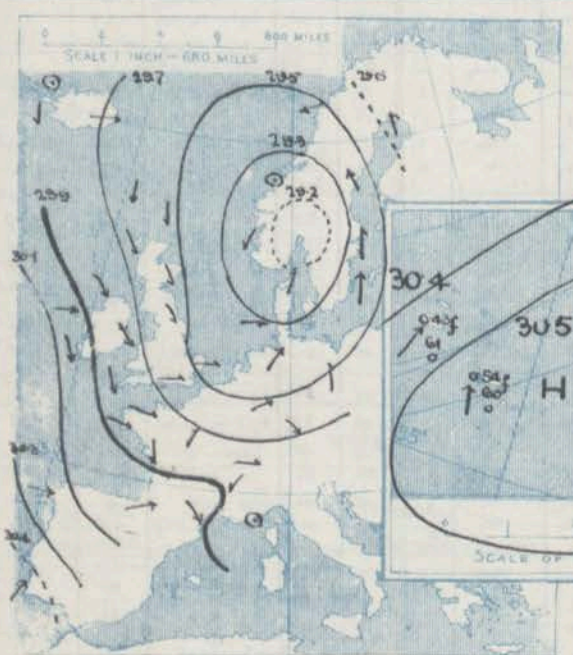
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

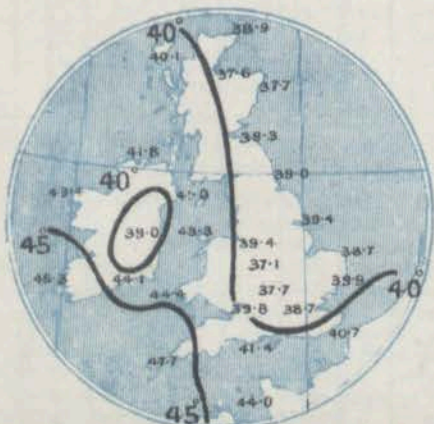


6 P.M. YESTERDAY



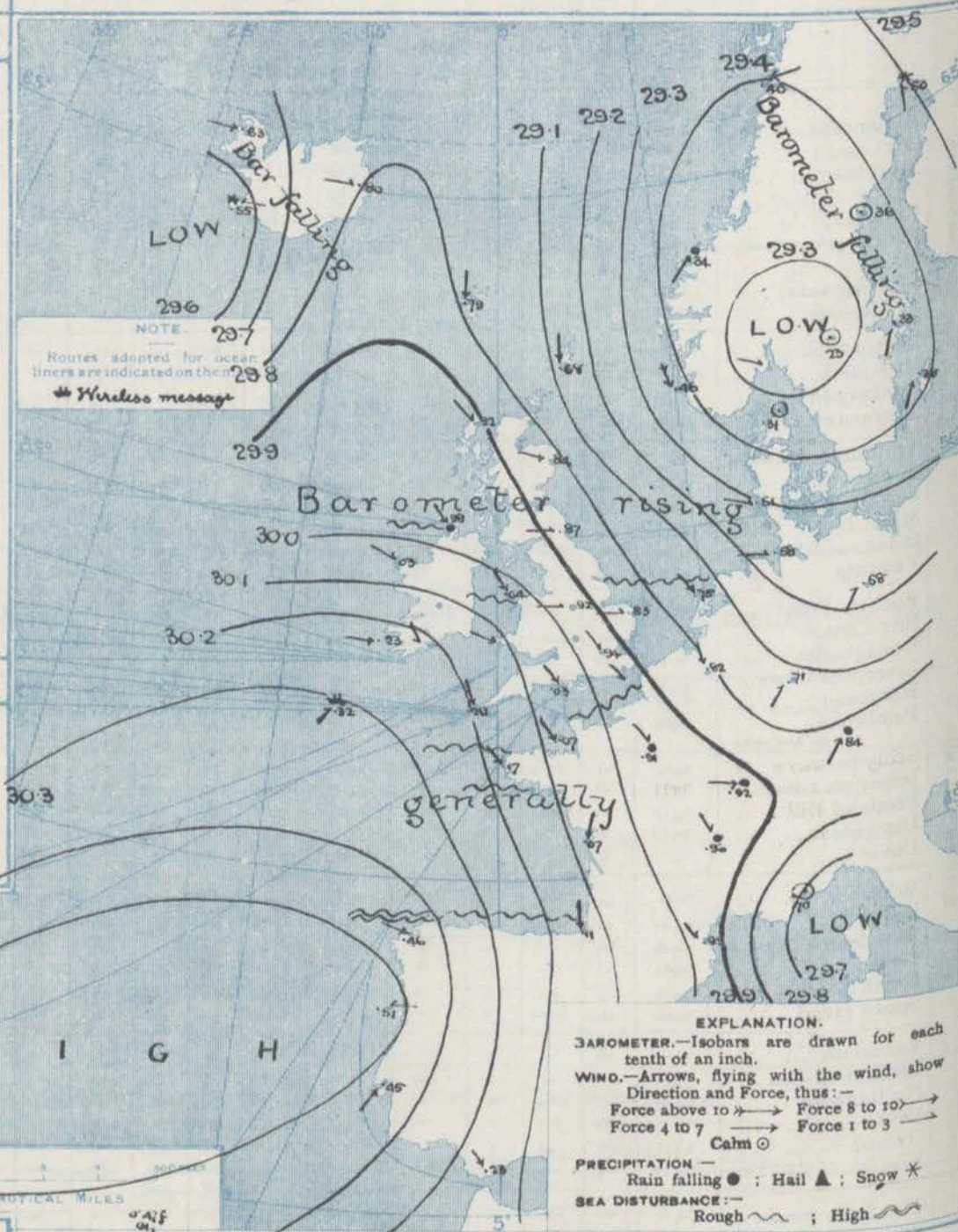
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.

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



Sunday, **WEATHER** 18th Decr.

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 continues to diminish in intensity and is now passing across the south of Sweden. An anticyclonic ridge has extended from the Spanish-Arctic region over a large portion of the United Kingdom, but a new low pressure system is approaching Iceland from the westward.

North-westerly breezes are now reported over Western Europe generally and still blow with considerable strength on some of the more exposed parts of our western and northern coasts. In Sweden (on the eastern side of the Baltic minimum) the wind is southerly or south-westerly. Temperature has fallen in most places but continues above the normal. Over the United Kingdom the morning readings range from between 45° and 43° on our West and South-West coast to a trifle below 40° at several of the northern and eastern stations. Readings below 40° are reported also in Scandinavia, and sharp frost prevails in Iceland, the thermometer at Akureyri being as low as 16° F. The weather is fine over the greater part of these islands and the West and South of France, but is cloudy over the Continent generally, with rain in several places. Snow is falling at Ryejvikk. The sea is rather rough on exposed parts of our north-western coast and also off the north and West of France.

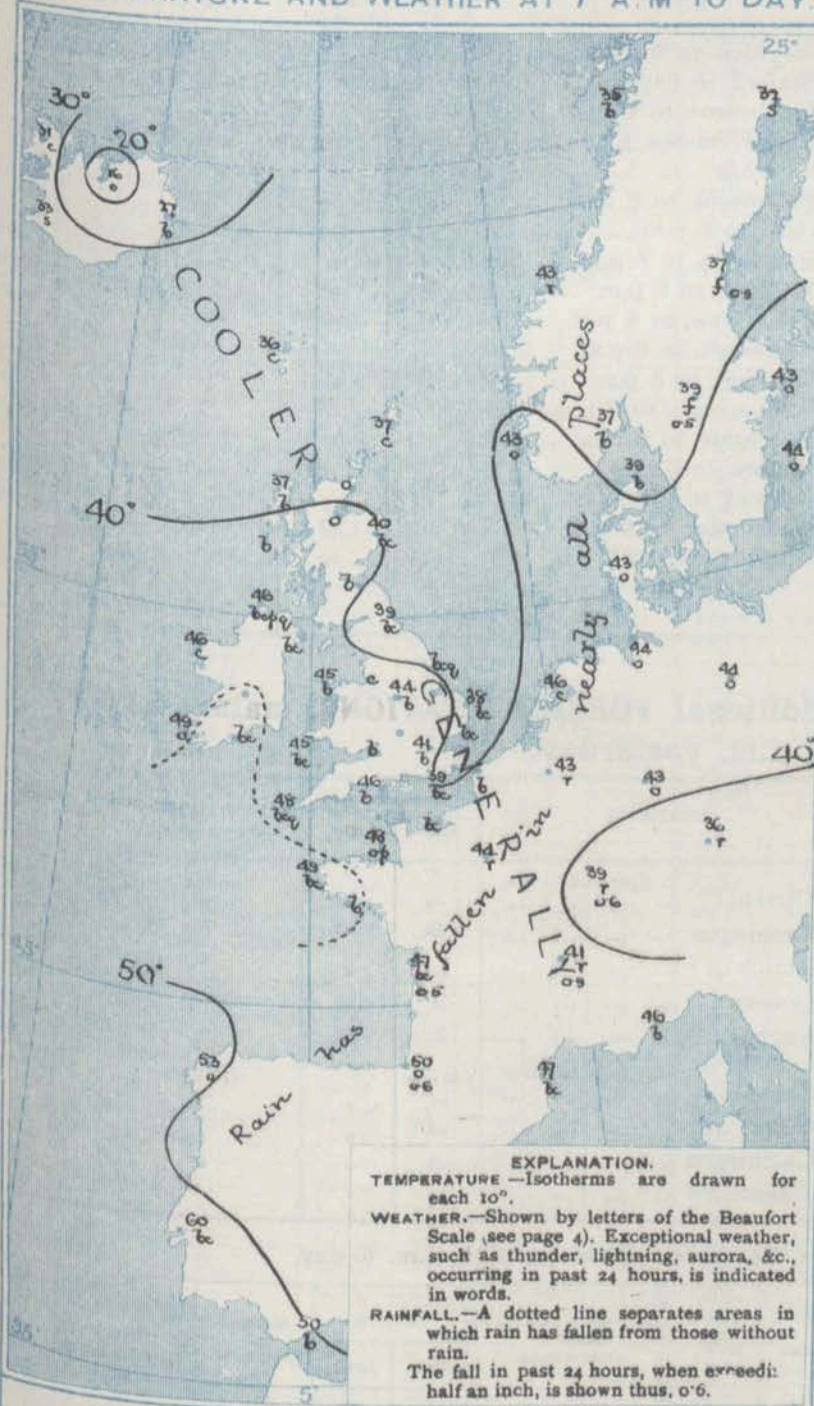
CHARTS 18th Dec 1910.

WEATHER PROSPECTS.

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

FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

THE FURTHER OUTLOOK



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

None issued

WESTERN CHANNEL AND BAY

NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 50° and upwards at several of our southern stations and to 54° at Jersey. Slight ground frost occurred at night over the inland parts of Great Britain. Between 4 and 5 hours of bright sunshine were recorded yesterday on several parts of our south coast, in other districts there was little or none. Showers have again fallen in nearly all districts. Wireless reports from the Atlantic show that between the Irish coast and the 17th meridian ships experienced strong to high winds from the north-westward (gales on the northern route) but fair weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

FORECAST DISTRICTS.

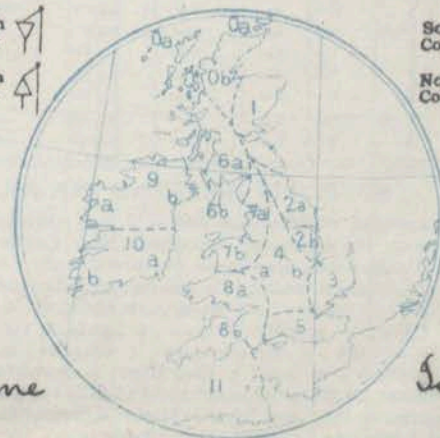
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.
North Cone.

South Cone.
North Cone.



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.			
Oban, to 6 p.m. ...	47	43		0.3	0.11	Brighton, to 6 p.m. ...			*		
Dublin (City), to 4 p.m.	47	42	o.c.b.c	3	0.20	Seaford, to 6 p.m. ...	51	46	b.o	5.0	0.05
Blackpool, to 9 p.m.	48	43	r.o.c	0.0	0.23	Eastbourne, to 6 p.m.			*		0.01
Southport, to 9 p.m.	47	43	o.o.r.o.c	0.0	0.26	Bexhill-on-Sea, to 9 p.m.	52	48	b.o	3.2	
Rhyl, to 6 p.m.	50	44	bc.b.r.bc	0.0	0.54	Hastings ...	*	*	*	4.3	
Colwyn Bay, to 6 p.m.	48	42	o.b.c	0.0	0.95	Folkestone, to 6 p.m.	52	47	bc.or.o	3.6	0.02
Llandudno, to 9 p.m.	49	44	or.o	0.0	0.76	Deal, to 6 p.m.	53	46	o.b.c.o	4.2	0.03
Bettws-y-Coed, to 6 p.m.					*	Ramsgate, to 6 p.m.	*	*	*	3.9	0.25
Towyn, to 6 p.m.	48	46	r.o.c	0.0	0.57	Margate, to 6 p.m.	50	45	o	0.1	0.01
Aberystwyth, to 6 p.m.	48	45	*	0.0	0.35	Felixstowe, to 6 p.m.	48	46	*	1.9	
Plymouth, to 9 p.m.	51	45	bc	5.0	-	Lowestoft, to 6 p.m.			or	0.0	0.17
Paignton, to 6 p.m.	50	45	bcq.b.c	4.9	0.03	Skegness, to 6 p.m.	46	43	o.c	0.4	0.10
Torquay, to 6 p.m.	53	46	*	5.4	0.05	Scarborough, to 9 p.m.	52	43	o.c	0.0	0.11
Teignmouth, to 9 p.m.	51	47	y.b	7.0	0.04	Harrogate, to 6 p.m.	47	41	o.p.c.bc		
Weymouth, to 6 p.m.	51	46	p.c.bc	2.5	0.10	Buxton, to 6 p.m.					
Bournemouth, to 6 p.m.	52	46	c.bc.o	2.8	-	Darwen, to 9 p.m.	46	39	or.c.bc	0.0	0.49
Southsea, to 6 p.m.			*			Manchester, to 9 p.m.	47	43	or.o.p.c.bc	0.0	0.22
Bognor, to 6 p.m.	51	48	b.r.c	3.8	0.01	Birmingham, to 9 p.m.	48	42	or.o	0.0	0.07
Worthing, to 6 p.m.	48	40	o.c.b.c	3.9	-						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 17th Dec. 1910	70	50	c. o	Ins.	Utrecht ... 17th Dec. 1910	54	45	c. c	0.39
Marseilles ...	57	48	o. o	-	Groningen ...	50	45	r. o	0.79
Malta ...	62	53	c	-	Zurich ...	*	*	c. r	0.32
Algiers ...	70	59	o. bc	-	Geneva ...	*	*	c. o	0.63
Tunis ...	70	55	o. b	-	Lugano ...	*	*	o. o	-
Palermo ...	65	42	b. f	-	Berne ... 16th Dec. 1910	1.30 p.m.	1.30 p.m.		Measured 7.30 a.m. 0.08
Naples ...	56	47	b. b	-	Coire ...	48	*	o	0.04
Brindisi ...	58	51	b. b	-	Castasegna ...	43	*	o	*
Rome ...	56	41	b. b	-	Davos ...	37	*	o	0.04
Vienna ...	41	37	f. f	-					
St. Petersburg ...	36	34	s. o	-					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	
	Lat.	Long.		Direc.	Force.		Air.		Sea			Lat.	Long.		Direc.	Force.		
							Dry Bulb.	Wet Bulb.										
	0	0	Ins.				0	0	0			0	0	Ins.				
<u>Sussexia</u>	16th Dec. 4am	51N	19W	29.38	W	4-5	-	-	-	-	15th Dec. 3pm	52N	34W	28.87	SW	4-5	-	
	7am	51N	18W	29.44	W	4-5	-	-	-	-	6pm	52N	33W	28.93	SSW	1-3	-	
	15th " 4am	49N	29W	29.36	SSW	4-5	-	-	-	-	16th " 4am	53N	29W	29.14	NW	4-5	-	
	7am	50N	29W	29.26	S	1-3	0	-	-	-	7am	53N	27W	29.17	NW	2-9	-	
	3pm	50N	26W	29.09	NW	1-3	-	-	-	-	3pm	54N	23W	29.31	NW	4-5	-	
	6pm	50N	26W	29.19	WNW	4-5	r	-	-	-	6pm	54N	22W	29.42	NW	4-5	-	
<u>Mount Temple</u>	16th " 4am	50N	23W	29.23	W	6-7	-	-	-	-	17th " 4am	55N	18W	29.65	NW	6-7	-	
	7am	50N	22W	29.40	WNW	6-7	bc	-	-	-	7am	55N	16W	29.70	NW	6-7	-	
	17th " 4am	50N	16W	29.17	NW	6-7	-	-	-	-	10am	55N	15W	29.52	NW	6-7	-	
	7am	50N	15W	29.85	NW	6-7	b	-	-	-	11am	55N	14W	29.87	NW	6-7	-	
	3pm	50N	13W	30.16	NW	6-7	-	-	-	-	<u>Empress of Ireland</u>	17th " 3pm	55N	11W	29.83	NW	8-9	-
	6pm	50N	12W	30.19	NW	6-7	b	-	-	-	6pm	55N	12W	29.90	NW	8-9	-	
	16th " 4am	50N	23W	29.41	W	6-7	-	-	-	-	<u>Lapland</u>	17th " 3pm	49N	8W	29.86	N	4-5	-
	7am	50N	22W	29.26	NW	4-5	bc	-	-	-	6pm	49N	6W	29.91	NW	4-5	-	
	3pm	51N	19W	29.38	W	4-5	-	-	-	-	16th " 3pm	49N	27W	29.82	NW	8-9	-	
	6pm	51N	18W	29.66	W	4-5	r	-	-	-	6pm	49N	26W	29.87	NW	6-7	-	
<u>Canada</u>	17th " 4am	51N	14W	29.66	N	4-5	-	-	-	-	17th " 4am	49N	22W	30.09	NW	6-7	-	
	7am	51N	13W	29.96	NW	4-5	b	-	-	-	6pm	49N	20W	30.09	NW	4-5	-	

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday
19th December, 1910.

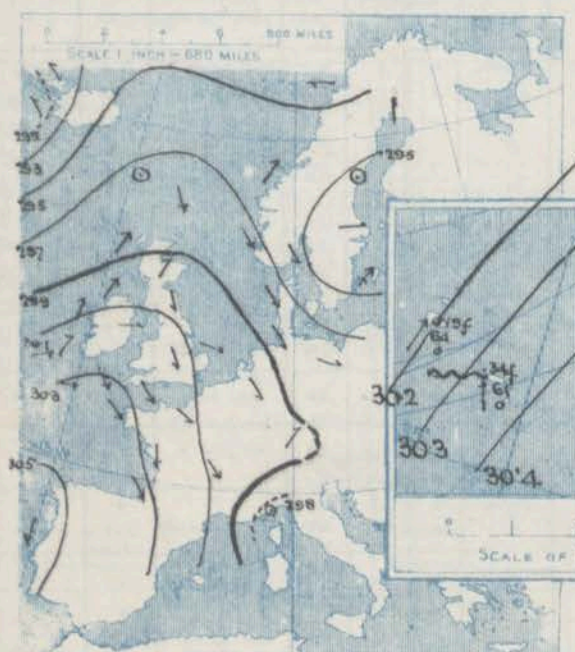
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.						
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Force (0 to 12).	Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun. shine.	Rainfall.
		At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Change since Yesterday.	Dry Bulb.				Wet Bulb.	Change since Yesterday.	Direc.	Max.	Min.										
SCANDINAVIA.	Haparanda...	29.52	32	S	2	f	29.65	+15	32	32	0	N	1	f	*	34	30	*	*	*	Hours.	Ins.	
	Hernösand...	29.41	36	Z	0	r	29.64	+28	35	34	-2	N	2	o	*	37	35	*	*	*	*	0.04	
	Stockholm...	29.39	41	W	2	m	29.60	+27	37	37	-6	NW	2	f	*	43	37	*	*	*	*	0.35	
	Wishby...	29.47	41	SW	8	o	29.63	+25	40	38	-4	SW	4	b	*	45	37	*	*	*	*	0.08	
	Karlsbad...	29.46	35	W	2	c	29.67	+44	32	31	-7	NW	2	b	*	*	*	*	*	*	*	0.08	
	Færder (X'ania Fjord)	29.51	37	W	1	b	29.74	+46	36	32	-1	NNW	2	b	2	39	36	*	*	*	*	0.04	
	Bodö...	29.48	32	E	2	b	29.65	+25	34	31	-1	E	1	b	1	36	28	*	*	*	*	-	
	Christiansund...	29.58	39	SW	6	r	29.74	+40	39	36	-4	SW	2	bc	4	43	36	*	*	*	*	0.67	
	Skudenes...	29.79	38	NNW	4	b	29.85	+39	36	35	-7	W	2	c	2	43	34	c. b	*	*	*	*	0.08
	ICELAND & FAEROE.	Isafjord...	29.23	30	SE	2	S	29.28	-35	32	*	+1	NW	3	bc	*	*	*	*	*	*	*	*
Reykjavik...		29.20	38	SE	2	o	29.42	-13	32	*	-1	E	1	o	*	*	*	*	*	*	*	*	
Seydisfjord...		29.52	28	Z	0	o	29.40	-40	37	*	+10	W	4	b	*	*	*	*	*	*	*	*	
Thorshavn...		29.74	35	Z	0	c	29.63	-16	41	*	+5	NNW	3	c	*	*	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.78	41	NNW	5	o	29.66	-02	44	44	+7	SW	3	o	4	47	37	c. o	*	*	*	0.08	
	Stornoway...	29.85	44	SW	4	r	29.81	-11	43	42	+6	SW	2	c	2	48	36	bc. o. r. q.	0.5	0.26			
	Castlebay (Barra Id.)	29.91	47	SSW	4	r	29.88	-11	45	44	+1	NW	4	b	4	50	42	cp. o. or. d. o	0.8	0.20			
	Malin Head	29.98	45	SW	6	rgm	29.93	-05	48	48	+2	W	5	cap	4	50	44	bc. o. m. cap	*	0.08			
	Blacksod Pt.	30.07	49	SSW	4	df	30.09	+06	47	46	+1	SSW	2	b	2	52	44	odm. bf. odm	*	0.09			
	Valencia	30.22	50	SW	3	m	30.19	-05	51	50	+2	WSW	4	a	4	53	46	odm. o. m	0.0	0.06			
	Roche's Point	30.23	49	WSW	2	o	30.19	-02	52	51	+7	W	3	c	3	52	45	bc. c. op. c	*	0.03			
	Birr Castle	30.15	46	S	2	o	30.12	-04	50	49	+10	W	3	c	*	52	39	o. r	0.1	0.02			
	Donaghadee	30.13	43	SW	2	m	29.99	-01	49	49	+7	SSW	2	r	1	50	40	o. m. op	*	0.06			
	Liverpool Obsy...	30.16	44	W	3	o	30.09	+10	48	46	+5	SW	3	c	3	50	43	o. c. b. o	4.1	0.03			
GERMANY, & C.	Holyhead	30.18	46	W	3	cm	30.08	+04	49	48	+4	WSW	3	c	2	49	44	bc. cm. odm	*	0.03			
	Pembroke (St. Ann's Hd.)	30.22	47	WNW	3	o	30.16	+06	50	49	+5	WSW	5	ogm	4	51	44	bc. v. cu. ogm	2.6	0.01			
	Scilly (St. Mary's)	30.21	49	NW	4	bcap	30.30	+10	51	51	+3	W	4	ogm	4	51	47	bc. p. cap. odm	2.6	0.07			
	Jersey (St. Aubine)	30.24	47	NW	4	bm	30.32	+25	49	49	+1	WSW	4	odm	3	52	44	bc. c. b. cm. r	5.3	0.03			
	Portland Bill	30.18	48	NW	4	c	30.22	+19	51	50	+5	W	4	o	4	51	45	bc. o	6.5	-			
	Dungeness	30.10	44	NW	3	o	30.19	+29	45	44	+6	WSW	3	o	3	47	34	cg. cg. o	1.8	-			
	Dover	*	*	*	*	c*	30.20	+29	43	41	+5	SW	4	o	2	45	37	bc. bc. c. o	5.1	-			
	Wick	29.88	39	NW	1	o	29.75	-08	45	45	+7	Z	0	rf	2	45	38	-	*	0.12			
	Nairn	29.94	43	W	1	o	29.73	-14	49	48	+8	W	1	o	1	49	38	o. bc. c. o	?	0.07			
	Aberdeen	29.99	40	SW	1	o	29.79	-05	45	44	+5	SSW	1	o	2	45	39	bc. p. bc. c. m	3.2	0.08			
FRANCE.	Leith	30.03	42	SW	2	o	29.84	-04	51	49	+11	SW	5	op	*	51	39	b. bc. o. opm	*	0.02			
	North Shields	30.08	46	NNW	2	c	29.97	+10	49	48	+10	W	1	o	2	49	38	-	5.4	0.01			
	Spurn Head	30.08	42	WNW	4	c	30.05	+21	44	43	+4	SW	4	p	3	45	39	bc. c. op	0	0.02			
	Yarmouth	30.04	41	WNW	2	b	30.14	+31	40	39	+2	WSW	2	o	3	44	36	bc. bc. p	5.7	0.05			
	Clacton-on-Sea	30.07	40	NW	2	b	30.17	+28	41	41	+3	WNW	1	o	1	45	36	bc. bc. c. ogp	5.3	0.01			
	Nottingham	30.14	42	WNW	2	c	30.10	+18	46	45	+2	SSW	3	o	*	46	39	cm. bm. c	4.3	0.01			
	Bath	30.18	46	NW	2	b	30.21	+23	49	49	+8	W	1	o	*	49	41	-	6.0	0.01			
	Oxford	30.24	41	WSW	2	c	30.21	+19	46	46	+4	SW	4	ogm	*	46	40	b. c	*	-			
	London (St. James's Pk)	30.16	42	NNW	1	bm	30.19	+25	44	43	+3	WSW	3	o	*	46	40	bc. bm. cap	0.9	0.01			
	SPAIN & PORTUGAL.	The Scaw (Skagen)	29.54	40	NW	2	b	29.75	+44	39	36	0	NNW	2	b	0	41	37	*	*	*	*	
Fanö		29.81	40	NW	6	bc	29.93	+42	41	40	-2	WNW	3	c	*	43	39	*	*	*	*		
Cuxhaven†		29.82	42	NW	2	b	30.03	+45	41	87	-3	NW	3	b	*	45	41	*	*	*	*		
The Helder		29.99	44	NW	2	c	30.12	+37	44	42	-2	SW	3	o	3	46	43	*	*	*	*		
Brussels		*	*	*	*	*	30.25	+43	37	37	-6	SW	2	o	*	45	35	*	*	*	*		
Berlin†		29.78	44	W	3	o	30.01	+43	40	81	-4	SW	4	o	*	46	39	*	*	*	*		
Frankfurt†		29.95	43	NW	2	c	30.16	+45	40	83	-3	NW	3	c	*	46	37	*	*	*	*		
Munich†		29.90	37	SW	3	r	30.19	+35	34	100	-2	W	3	o	*	37	32	*	*	*	*		
C. Gris Nez		30.14	45	NW	5	c	30.23	+34	46	44	+2	SW	5	r	4	48	45	*	*	*	*		
La Hève		30.21	46	NNW	5	bc	30.33	+33	47	45	+2	SW	3	o	4	47	45	*	*	*	*		
PORTUGAL & MADEIRA.	Brest	30.33	49	NW	5	b	30.41	+24	51	51	+2	WNW	3	o	3	51	46	*	*	*	*		
	Lorient	30.29	49	NNW	4	c	30.38	+26	50	50	+2	NW	2	o	3	50	46	*	*	*	*		
	Rochefort	30.24	49	N	5	c	30.37	+30	45	43	-2	Z	0	o	*	55	43	b. c	*	0.04			
	Biarritz	30.34	52	NW	6	r	30.47	+36	46	44	-4	E	1	r	4	52	45	*	*	*	*		
	Paris	30.11	43	NNW	2	c	30.32	+41	36	36	-8	ESE	2	o	*	48	33	*	*	*	*		
	Belfort...	29.96	39	W	4	o	30.32	+40	35	34	-4	W	4	m	*	41	34	*	*	*	*		
	Lyons	30.07	41	NW	4	r	30.34	+38	37	35	-4	NW	1	b	*	45	37	*	*	*	*		
	Nice	29.77	47	Z	0	b	30.00	+30	46	40	0	Z	0	b	3	54	41	*	*	*	*		
	Perpignan	30.12	47	NW	4	bc	30.28	+29	45	40	-2	NW	3	b	*	68	44	*	*	*	*		
	Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
PORTUGAL & MADEIRA.	Corunna	30.53	52	N	5	b	30.53	+08	49	44	-11	N	4	b	*	760	46	*	*	*	*		
	Lisbon	30.30	49	NW	2	b	30.31	+08	48	44	-2	N	2	b	*	*	*	*	*	*	*		
	Gibraltar	30.47	60	SSE	6	c	30.34	-20	61	58	+1	S	6	o	5	63	59	*	*	*	*		
	Azores (P. Delgada)	30.35	63	SSW	5	o	30.19	-24	64	61	+3	SW	5	o	4	64	61	*	*	*	*		
	" Horta	30.46	63	NNE	4	b	30.45	-02	61	52	0	NNE	4	bc	2	66	52	*	*	*	*		

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

7 A.M. YESTERDAY.

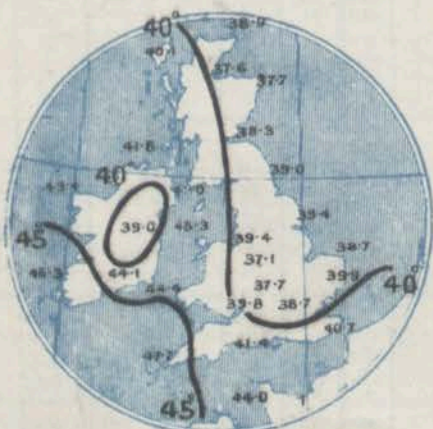


6 P.M. YESTERDAY



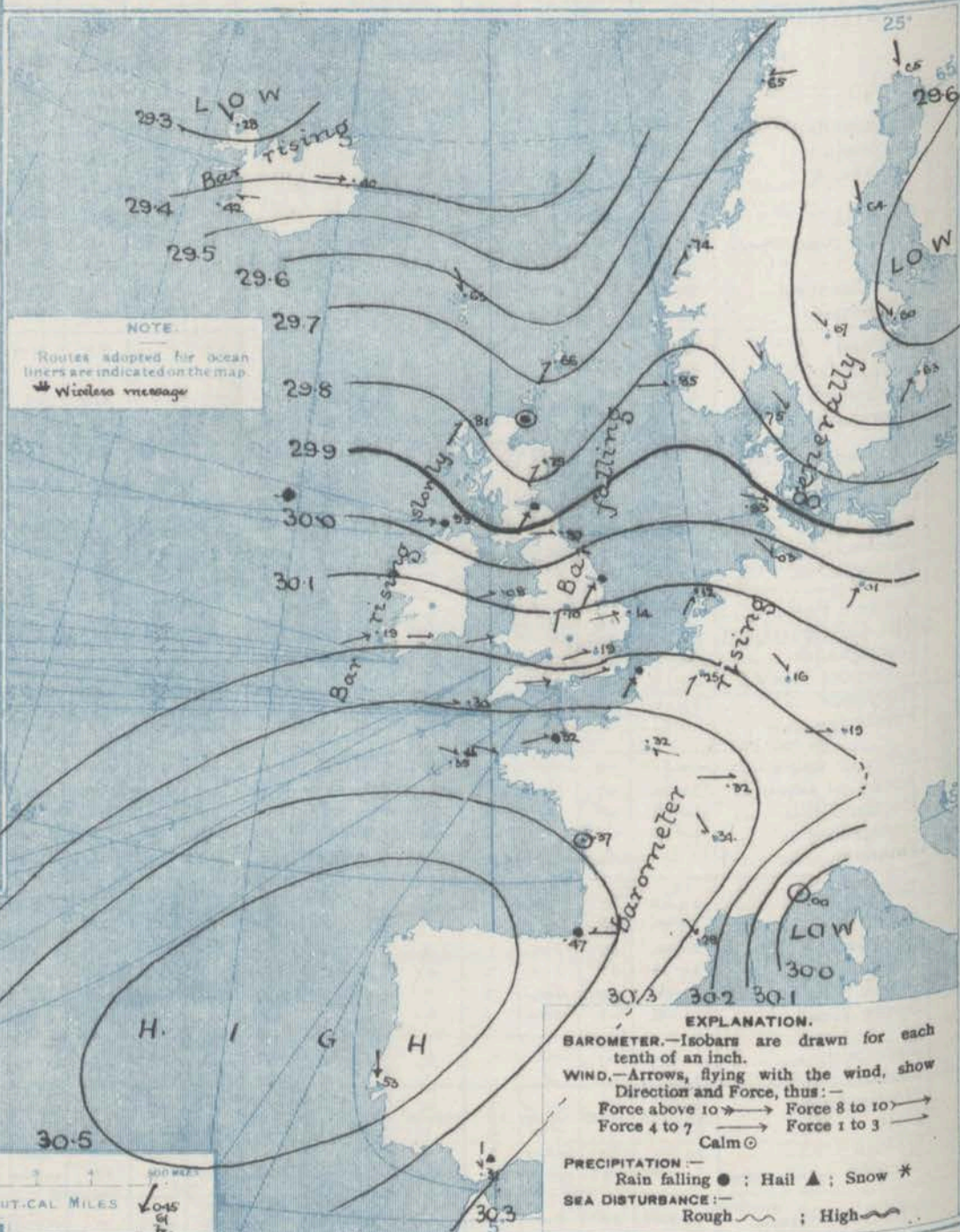
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.

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



Monday, **WEATHER** 19th Dec.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large "V-shaped" depression with moderate to slight barometric gradients is passing eastward from Iceland to Norway, the lowest barometer reading reported being 29.40 ins. at Seydisfjord. Over France pressure is above 30.3 ins., the highest value being 30.47 ins. at Biarritz. The mercury is at present rising somewhat along our western seaboard, but is falling in the Azores.

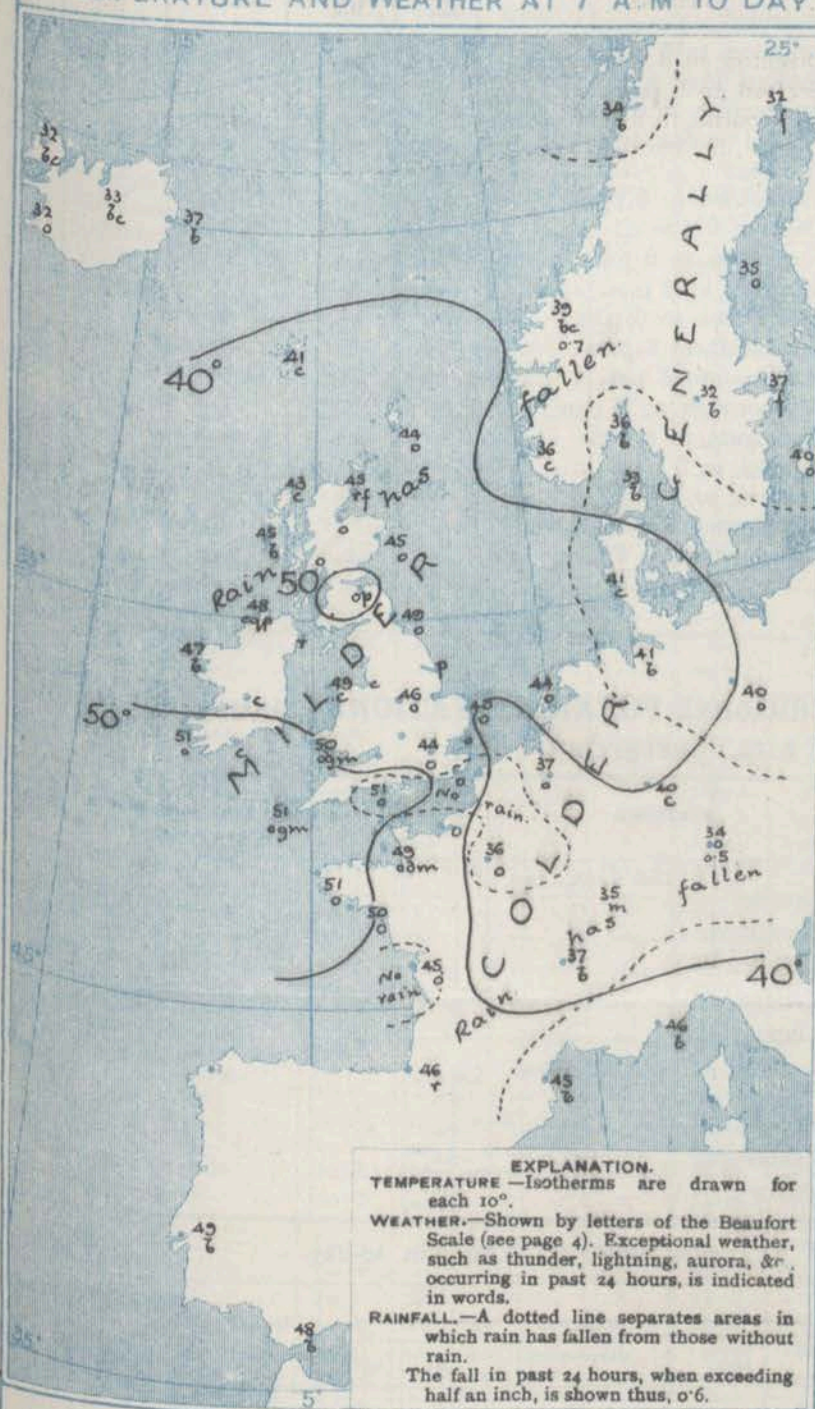
Westerly and south-westerly winds, light or moderate to fresh in force, prevail over the United Kingdom and its neighbourhood, and a light northerly breeze in Sweden. On the west coast of Ireland there appears to be a backing tendency.

Temperatures have risen over these islands, fallen on the Continent. It is again about 50° over a large portion of the United Kingdom, but is only 40° at Great Yarmouth. The sky is cloudy or quite overcast in this country and also at most stations in France and Central Europe. Rain is falling at many of our northern stations, as well as at Houn Head, Jersey and Biarritz, and mist prevails in several localities.

CHARTS

19th Dec., 1910

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



NOTES ON YESTERDAY'S WEATHER

During the past twenty-four hours temperature has risen a little above 50° in Ireland and at a few places in the north and west of Great Britain, but in the east of England the maxima were several degrees lower. Much bright sunshine was recorded over the major portion of England more than 6 hours in many places. Rain, generally slight, has been experienced at most of our stations.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The direction of the wind and the motion of the barometer in the Azores indicate that further low pressure systems are approaching the United Kingdom from the Atlantic.

WEATHER

PROSPECTS.

FORECASTS FOR THE 24 HOURS
NOON MONDAY TO NOON TUESDAY.

THE FURTHER OUTLOOK

- | | | |
|--|--|--|
| <p>1
a
b</p> <p>2
a
b</p> <p>3
a
b</p> <p>4
a
b</p> <p>5
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b</p> <p>6
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b</p> <p>7
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b</p> <p>8
a
b</p> <p>9
a
b</p> <p>10
a
b</p> | <p>Wind between W. and N.W., backing towards S. later, light or moderate to fresh; cloudy or dull, some rain; mild.</p> <p>Wind mainly between W. and S.W., light or moderate; cloudy or overcast, some rain and mist; mild.</p> <p>Same as Nos. 0 & 1.</p> <p>Wind between W. and S., light or moderate to fresh or strong; cloudy or overcast, some rain and mist; mild.</p> | <p>Continuing</p> <p>mild</p> <p>generally</p> |
|--|--|--|

II WESTERN CHANNEL AND BAY

W. and S.W. winds, light to fresh; sea slight or moderate; cloudy or overcast, some rain and mist.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

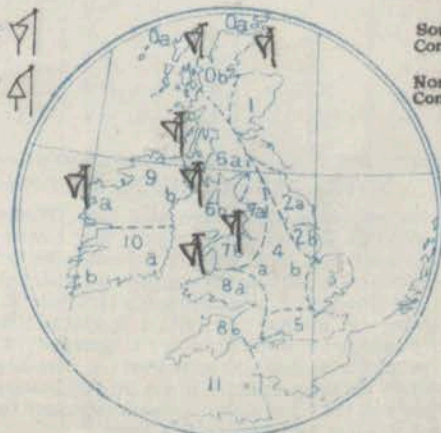
Signals hoisted this morning.

South
Cone.

North
Cone.

South
Cone.

North
Cone.



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.			
Oban, to 6 p.m. ...	46	41		0.5	-	Brighton, to 6 p.m. ...	51	40	*	3.6	0.02
Dublin (City), to 4 p.m.	45	37	bc. c. o	*	-	Seaford, to 6 p.m. ...	49	39	*	3.5	-
Blackpool, to 9 p.m. ...	46	42	c. b. bc	4.9	-	Eastbourne, to 6 p.m. ...	47	41	*	3.6	0.02
Southport, to 9 p.m. ...	46	42	o. c. b. c	4.5	0.01	Bexhill-on-Sea, to 9 p.m.	49	39	*	3.7	0.02
Rhyl, to 6 p.m. ...	47	43	o. bc	3.0	-	Hastings ...	*	*	*	3.7	*
Colwyn Bay, to 6 p.m. ...	47	43	bc. o	1.8	-	Folkestone, to 6 p.m. ...	52	41	b. c	2.2	-
Llandudno, to 9 p.m. ...	49	44	o. c. b. o	2.1	0.02	Deal, to 6 p.m. ...	46	38	bc. b. c	4.7	0.11
Bettws-y-Coed, to 6 p.m.					*	Ramsgate, to 6 p.m. ...	*	*	*	5.0	0.08
Towyn, to 6 p.m. ...	47	45	b. bc. o	3.7	-	Margate, to 6 p.m. ...	46	41	o. b	3.6	0.06
Aberystwyth, to 6 p.m. ...	47	45	*	2.5	0.03	Felixstowe, to 6 p.m. ...			*		
Plymouth, to 9 p.m. ...						Lowestoft, to 6 p.m. ...	45	37	o. c. bc. c	6.1	0.10
Paignton, to 6 p.m. ...	49	40	bc	5.5	-	Skegness, to 6 p.m. ...	45	36	r. b	6.3	0.07
Torquay, to 6 p.m. ...	50	43	*	6.3	-	Scarborough, to 9 p.m. ...	45	38		5.9	-
Teignmouth, to 9 p.m. ...	50	45	b. c	6.2	-	Harrogate, to 6 p.m. ...	45	36	c. bc. c	6.1	-
Weymouth, to 6 p.m. ...	49	42	bc	6.5	0.01	Buxton, to 6 p.m. ...					
Bournemouth, to 6 p.m. ...	48	41	b. bc	5.8	-	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...	49	43	*	4.5	-	Manchester, to 9 p.m. ...					
Bognor, to 6 p.m. ...	48	47	bc. c	3.9	-	Birmingham, to 9 p.m. ..	45	34	op. c	3.2	0.05
Worthing, to 6 p.m. ...	48	40	c. b. c	3.2	-						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RA'N.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 18th Dec. 1910	0	0		Ins.	Utrecht ... 18th Dec. 1910	0	0		Ins.
Marseilles ...					Groningen ...				
Malta ...					Zurich ...	*	*		
Algiers ...					Geneva ...	*	*		
Tunis ...					Lugano ...	*	*		
Palermo ...					Berne ... 17th Dec. 1910	1.30 p.m.	1.30 p.m.		Measured
Naples ...					Coire ...	43	*	r	7.30 a.m.
Brindisi ...					Castasegna ...	54	*	o	0.39
Rome ...					Davos ...	39	*	r	0.04
Vienna ...						41	*	o	0.04
St. Petersburg ...									

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Direc.	Force.	
H.M.S. { 18th Dec. 7pm	46 21 N	7 20 W	30.45	NNW	2	c	52	50	56	4				Ins.			
{ 4pm	45 7 N	5 6 W	30.37	NW	3	o	53	51	54	3							
{ 7am	43 43 N	5 23 W	30.35	WNW	2	o	54	53	55	3							
Mimosa { 18th Dec. 3pm	49 4 N	9 W	30.25	W	4-5	-	-	-	-	-							
{ 6pm	49 4 N	8 W	30.32	W	4-5	m	-	-	-	-							
Susitania { 18th Dec. 3pm	51 N	10 W	30.17	WSW	6-7	-	-	-	-	-							
{ 6pm	51 N	12 W	30.10	WSW	6-7	o	-	-	-	-							

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday
20th December, 1910.

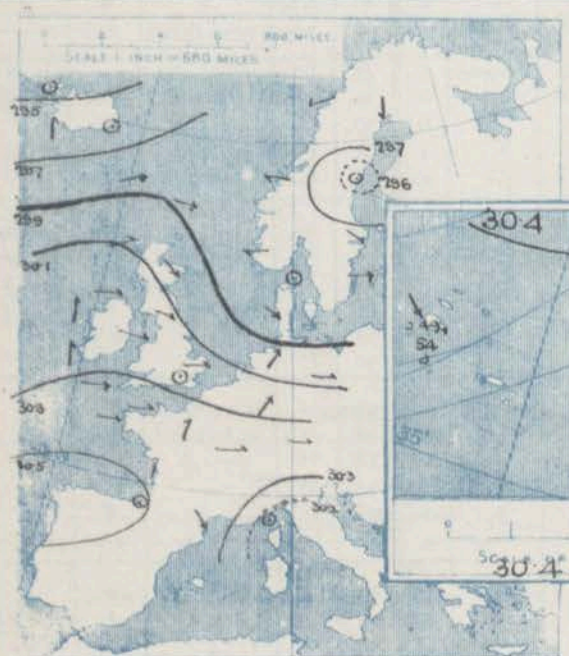
STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.	Force (0 to 12).	Weather.		Barometer.	Temperature.			Wind.	Force (0 to 12).	Weather.	Sea (0 to 5).	Temp.		Weather.	Sun. shines.	Rainfall.		
	At 29° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dirac.				At 29° Fahr. and M.S.L. Lat. 45°	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.			Max.	Min.					
SCANDINAVIA.	Haparanda...	29.78	31	N	2	0	29.86	+21	31	31	-1	N	2	0	34	28					
	Hernösand...	29.58	35	Z	0	f	29.93	+29	33	33	-2	Z	0	0	36	33					
	Stockholm...	29.76	37	NW	2	f	29.86	+26	36	36	-1	NNW	2	m	41	36					
	Wisby...	29.75	41	W	6	0	29.81	+18	39	38	-1	N	4	0	41	36					
	Karlstad...	29.81	32	Z	0	0	29.95	+28	34	33	+2	Z	0	c	36	32					
	Färder (X'ania Fjord)	29.81	33	N	2	b	29.99	+25	33	30	-3	NNW	2	bc	36	32					
	Bodö...	29.75	34	ENE	1	bc	29.86	+21	33	33	-1	E	2	3	36	32					
	Christiansund...	29.78	37	ESE	1	0	30.01	+27	39	36	0	W	2	c	39	36				0.24	
ICELAND & FAEROE.	Skudesnaes...	29.85	36	E	2	r	30.10	+25	36	35	0	NNW	2	b	39	34	0.7			0.35	
	Isafjord...	29.49	30	Z	0	c	29.32	+04	34		+2	SE	8	0							
	Reykjavik...	29.59	28	S	2	bc	29.25	-17	38		+6	ESE	9	r							
	Seydijavik...	29.56	34	Z	0	c	29.52	+12	32		-5	Z	0	c							
BRITISH ISLANDS.	Thorshavn...	29.83	41	WSW	5	c	29.71	+08	43		+2	S	5	0							
	Sumburgh Head	29.88	43	WNW	4	0	29.97	+31	40	40	-4	N	2	c	4	52	40	c. o. c		0.08	
	Stornoway...	30.10	37	WSW	2	b	29.70	-11	47	45	+4	S	7	0	6	47	36	bc. p. bc. o. g	2.9	0.16	
	Castlebay (Barra Id.)	30.14	43	Z	0	bc	29.68	-20	49	48	+4	SE	7	og	6	49	41	bc. p. g. bc. o. g	3.9	0.04	
	Malin Head	30.18	43	W	2	bc	29.72	-21	50	49	+2	S	7	og	5	51	40	bc. p. g. bc. o. g			
	Blacksod Pt.	30.16	46	SSE	3	om	29.65	-44	47	46	0	SSW	8	og	6	50	45	om. orgm		0.46	
	Valencia	30.20	52	S	3	m	29.85	-34	48	46	-3	SW	4	0	5	53	47	c. m. orgm	0.4	0.50	
	Roche's Point	30.28	50	SW	2	d	29.94	-25	51	51	-1	SSW	6	r	6	53	50	c. o. d. of		0.10	
	Birr Castle	30.24	44	S	3	bc	29.83	-29	51	50	+1	SW	7	or		52	41	bc	4.7	0.07	
	Donaghadee	30.24	42	WSW	2	b	29.94	-05	49	48	0	SSE	3	0	2	51	38	bc. p. o. ep		0.04	
	Liverpool Obsy...	30.26	45	W	3	b	30.13	+04	42	41	-6	SE	4	0	3	51	40	od. bc. b	2.3	0.02	
	Holyhead	30.26	45	WNW	2	b	30.07	-01	49	49	0	SW	5	0	4	51	44	b			
	Pembroke (St. Ann's Hd.)	30.28	47	NNW	1	b	30.12	-04	49	49	-1	SSW	5	ogm	4	53	44	ogm. c. g. dm	2.7	0.01	
	Scilly (St. Mary's)	30.32	51	W	4	fe	30.18	-12	50	50	-1	SW	5	ogpm	5	52	47	pm. f. adm	0.0	0.08	
	Jersey (St. Aubins)	30.36	51	W	4	orgm	30.36	+04	50	49	+1	WSW	3	ogm	3	54	48	odp. orgm	0.0	0.28	
	Portland Bill	30.26	52	W	4	0	30.27	+05	50	49	-1	WSW	2	0	4	52	49	bc. edp	0.0	0.01	
	Dungeness	30.18	50	WSW	3	c	30.31	+12	38	38	-7	Z	0	f	3	52	36	op. c. bc. x	0.6	0.01	
	Dover						30.34	+14	36	36	-7	WNW	1	bc	2	50	34	o. c. b. bc. x	0.4		
	Wick	30.04	37	W	2	bc	29.90	+15	43	40	-2	W	4	c	3	45	34			0.03	
	Nairn	30.11	41	W	1	b	29.90	+17	45	39	-4	WSW	2	c	1	49	32	op. c. bc. c	1.4	0.10	
	Aberdeen	30.03	42	NW	6	b	30.03	+24	42	41	-3	S	3	0	2	50	37	cp. bc. op	2.6	0.03	
	Leith	30.16	44	W	3	b	30.01	+17	41	39	-10	E	1	0		52	38	bc. cp		0.02	
	North Shields	30.14	45	WNW	3	c	30.15	+18	39	36	-10	SSW	3	c	2	52	35	c	2.5		
	Spurn Head	30.13	45	W	4	c	30.23	+18	39	37	-5	SSW	4	c	4	48	37	og. c			
GERMANY, & C.	Yarmouth	30.12	49	W	1	bc	30.29	+15	36	35	-4	W	2	c	2	49	35	om. bc. m	0.0		
	Clacton-on-Sea	30.16	46	W	2	b	30.30	+13	36	36	-5	W	1	bc	0	48	35	og. bc. b. bc. x	0.0		
	Nottingham	30.21	48	WNW	4	b	30.23	+13	37	37	-9	SW	1	0		52	35	om. b	0.0		
	Bath	30.27	50	W	1	b	30.26	+05	42	41	-7	SE	1	b		51	38		0.0		
	Oxford	30.31	45	NW	2	b	30.28	+07	41	40	-5	SSE	2	bc		52	36	ogm. c. bc. c			
	London (St. James's PK)	30.23	51	Z	0	0	30.30	+11	36	36	-8	WSW	1	cmx		53	35	o. c. b. bc. c	0.0		
	The Scaw (Skagen)	29.80	39	Z	0	0	29.97	+22	38	36	-1	NNE	2	0	0	39	34				
	Fanø	29.76	44	NW	6	bc	30.06	+13	40	40	-1	NW	3	0		45	39			0.08	
FRANCE.	Cuxhaven†	29.97	41	SW	4	r	30.09	+06	43	81	+2	N	5	0		43	41			0.20	
	The Helder	30.06	47	W	4	0	30.28	+16	45	42	+1	NW	2	c	3	47	45			0.08	
	Brussels						30.34	+09	40	40	+3	Z	0	b		48	37			0.08	
	Berlin†	30.06	40	W	2	0	29.83	-18	43	90	+3	W	5	0		43	37			0.16	
	Frankfurt†	30.21	40	SW	5	r	30.22	+06	46	74	+6	NW	5	c		46	39			0.08	
	Munich†	30.38	35	W	3	0	30.28	+09	37	86	+3	SW	6	0		37	32			0.04	
	C. Gris Nez	30.22	50	W	5	bc	30.39	+16	42	42	-4	S	2	b	2	52	41			0.12	
	La Hève	30.32	48	WSW	4	f	30.36	+03	47	45	0	SW	4	m	3	48	45			0.04	
SPAIN & PORTUGAL.	Brest	30.44	52	W	2	0	30.36	-05	51	50	0	SSW	3	c	3	52	50				
	Lorient	30.41	52	W	2	0	30.40	+02	50	50	0	SSW	3	0	3	54	46				
	Rochefort	30.46	51	SSW	3	0	30.47	+10	50	49	+5	WSW	3	bc		51	45	f. o			
	Biarritz																				
	Paris	30.35	44	SSW	2	0	30.39	+07	46	46	+10	SSW	2	0		46	36				
	Belfort	30.43	37	W	4	0	30.49	+17	37	37	+2	W	2	r		40	35			0.12	
	Lyons	30.48	39	NW	1	b	30.55	+21	39	38	+2	SW	1	0		45	37				
	Nice	30.17	46	Z	0	b	30.35	+35	42	35	-4	Z	0	b	2	55	39				
PORTUGAL & C.	Perpignan	30.38	47	NW	5	b	30.44	+16	48	42	+3	NW	2	b		51	45				
	Sanguinaire																				
SPAIN & PORTUGAL.	Corunna																				
	Lisbon	30.51	50	NNW	3	b	30.50	-03	45	44	-4	N	3	b		55	45				
	Gibraltar	30.34	49	E	1	b	30.35	+04	47	44	-1	E	2	b							
	Azores (P. Delgada)																				
PORTUGAL & C.	" Horta	30.39	58	N	2	bc	30.49	+30	54	49	-10	NW	4	0	3	64	54				
	Madeira (Punchal)	30.40	62	NE	3	b	30.38	-07	57	52	-4	NE	3	b	3	64	46				

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

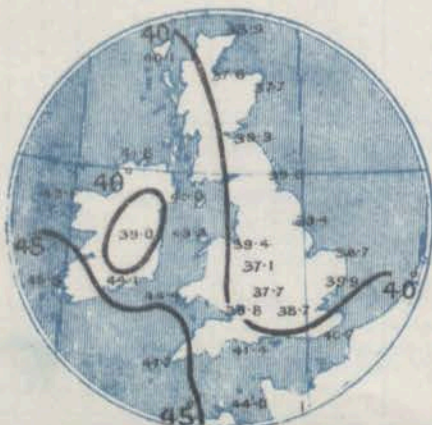
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

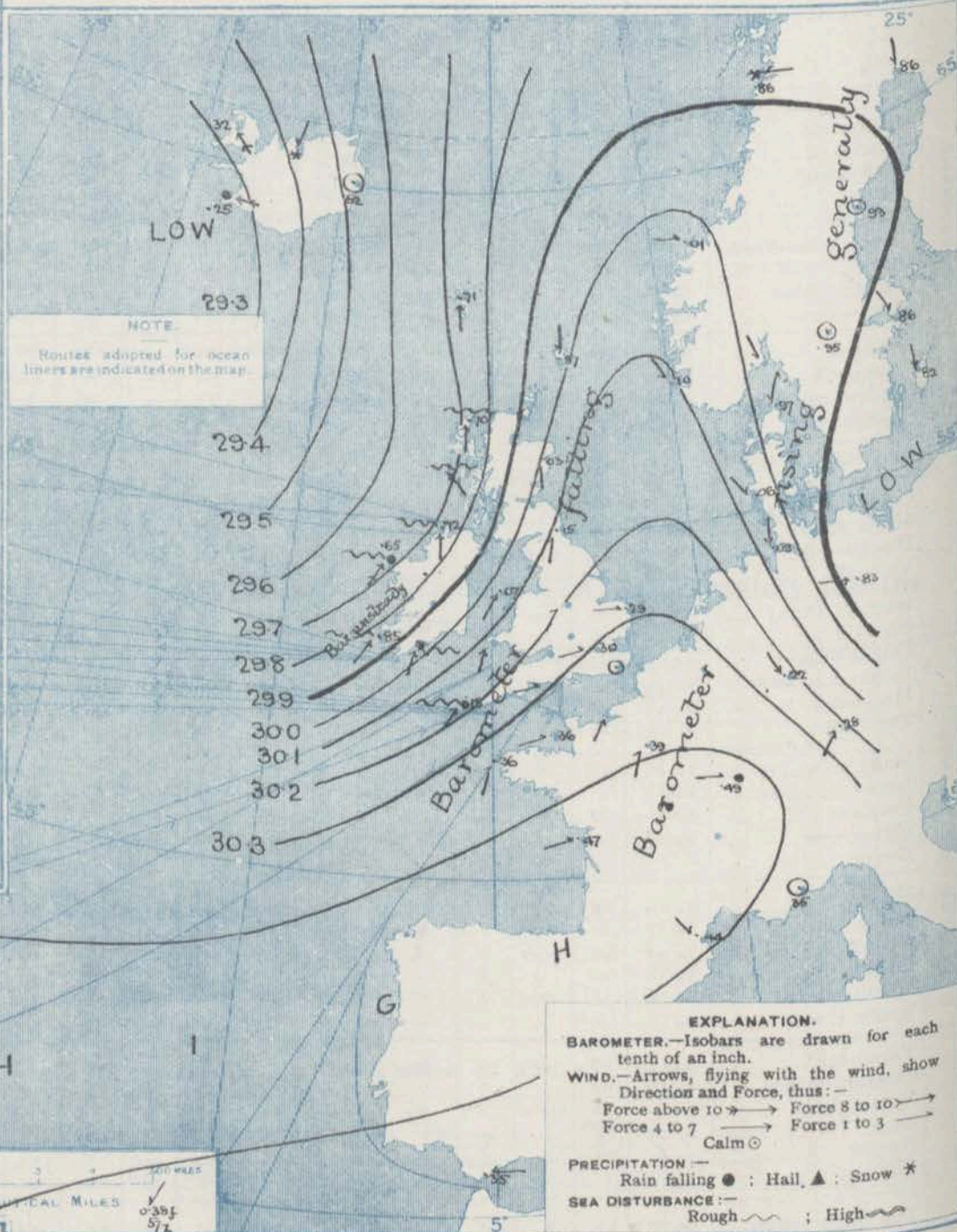


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Monday, WEATHER 20th Dec

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

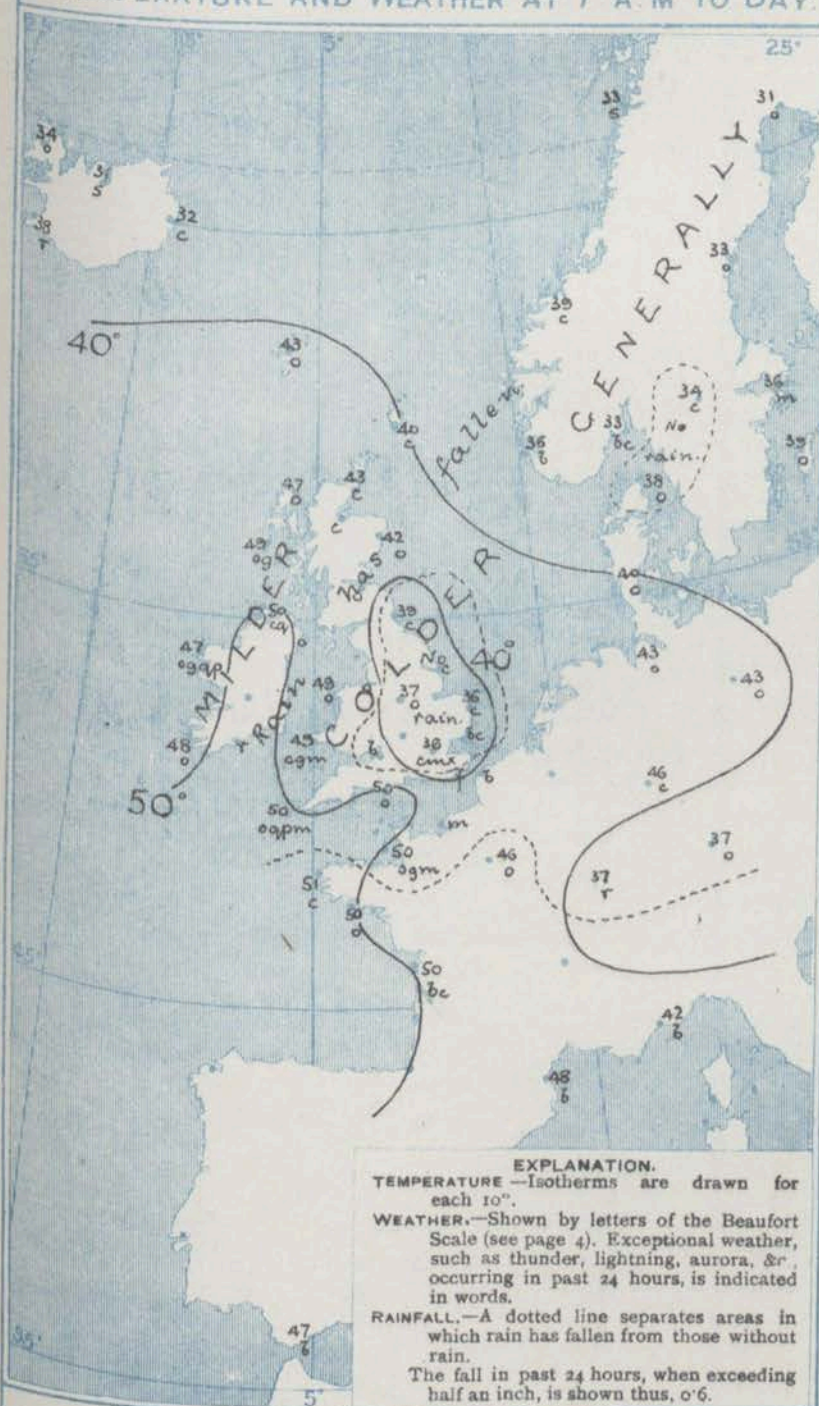
During the night another cyclonic system has begun to spread over these islands from the westward, and the decrease of pressure continues very brisk in the west and north-west. In the Hebrides the barometer is below 29.7 ins. The highest readings, 30.3 ins. and upwards, are found over France. The mercury is falling this morning over central Europe.

Fresh to high winds from the southward have set in along our western and north-western coasts generally, and a gale at Blacksod Point. Over the United Kingdom as a whole the wind is light or moderate from south-west or south. Over Sweden, Denmark, the Baltic and Germany the main current is between North and North-West. Temperature has fallen somewhat in most regions, and is lower than of late in the south-eastern counties, but it is still about 50° in the west and north-west of the United Kingdom, and no lower than 36° in the south-east. On the Continent the readings range from 50° on the west coast of France to 37° at Munich, and to about 32° in the north of Sweden. Rain is falling at some of our western stations and over these islands generally, the sky is cloudy or overcast, with mist in places, and fog at Dungeness. On the Continent the conditions are more variable, bright in some places, overcast in others; at Bodø snow, and at Belfast rain, is falling.

CHARTS

20th Decr. 1910.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperatures again rose to 50° or a little higher in many parts of the Kingdom; the night was colder than of late in Great Britain, the thermometer falling to 32° at Naim, and to 35° in the south-east and east of England. Rain has fallen in the west and north; in most places the measurement is small, but in the west of Ireland it is 0.5 in. Over the country generally there was little sunshine, but at B. or Castle the record was 14.7 hours, and at Castlebay 3.9 hours. According to wireless reports strong winds and gales varying in direction from South-East to North-West were experienced between the 20th and 30th meridians.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression which is approaching the United Kingdom from the Atlantic is likely to move in an easterly direction. It appears to be of considerable size and intensity, so that gales or very strong winds may be expected over a large portion of the country.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS
NOON TUESDAY TO NOON WEDNESDAY.

THE FURTHER OUTLOOK

0	a	S. to S.W. or W. winds, fresh or strong, a gale in places; squally, rainy, then fairer; mild.	
1	a		
2	a	Wind increasing from the S.W. and S.W.W., veering later; generally cloudy or overcast, rain at times; milder.	General conditions
3	a		
4	a		
5	a		continuing
6	a		
7	a		mild and
8	a	Same as Nos. 0 & 1.	unsettled.
9	a		
10	a		

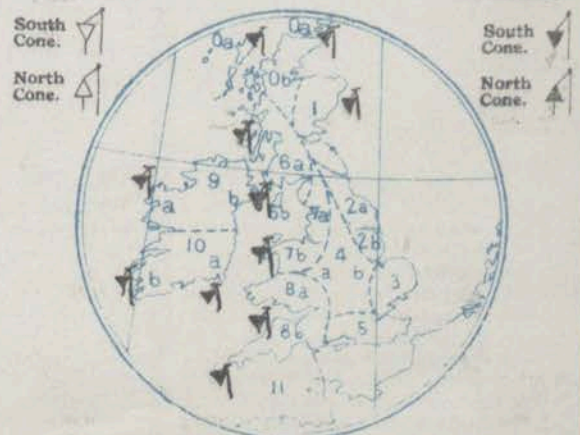
II WESTERN CHANNEL AND BAY

S. to W. winds, fresh or strong to a gale; squally, rainy; sea becoming rough.

FORECAST DISTRICTS.

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

Signals hoisted yesterday. Signals hoisted this morning.



IF THE CONDITIONS ARE SUCH THAT NO DECISIVE INDICATION OF THE WEATHER BEYOND THE 24 HOURS CAN BE GIVEN THIS COLUMN WILL BE LEFT BLANK.

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.			
Oban, to 6 p.m. ...	50	48	c. o. b. c.	1.2	0.36	Brighton, to 6 p.m. ...	50	40	*	0.1	0.02
Dublin (City), to 4 p.m.	51	46	c. op. c. b.	*	0.01	Seaford, to 6 p.m. ...	49	39	bc. ut. o.	0.5	0.02
Blackpool, to 9 p.m.	49	43	*	2.3	0.06	Eastbourne, to 6 p.m.	50	40	*	0.0	-
Southport, to 9 p.m.	49	42	or. o. bc. b.	2.0	0.03	Bexhill-on-Sea, to 9 p.m.	51	38	o. b.	1.1	*
Rhyl, to 6 p.m. ...	54	42	b. bc. r. o. bc.	2.2	0.01	Hastings ...	*	*	*	0.8	-
Colwyn Bay, to 6 p.m.	54	48	bc. b. bc.	2.0	-	Folkestone, to 6 p.m.	50	39	bc. b.	0.4	0.02
Llandudno, to 9 p.m.	52	43	o. bc. o.	2.4	-	Deal, to 6 p.m. ...	50	37	w. op. bc.	0.1	-
Bettws-y-Coed, to 6 p.m.	*	*	*	*	*	Ramsgate, to 6 p.m.	*	*	*	0.0	-
Towyn, to 6 p.m. ...	50	45	op. bc. b.	0.7	0.03	Margate, to 6 p.m. ...	51	39	o.	0.0	-
Aberystwyth, to 6 p.m.	51	45	*	0.2	-	Felixstowe, to 6 p.m.	49	36	*	0.0	0.03
Plymouth, to 9 p.m.	53	44	od. o.	0.0	0.04	Lowestoft, to 6 p.m.	48	35	bc. op. bc. b.	0.0	0.03
Paignton, to 6 p.m.	54	44	cm. bcw.	0.1	-	Skegness, to 6 p.m.	50	42	op. b.	0.1	-
Torquay, to 6 p.m. ...	54	44	*	0.5	-	Scarborough, to 9 p.m.	51	38	o. c.	1.0	0.03
Teignmouth, to 9 p.m.	55	45	c. cm. c.	0.1	-	Harrogate, to 6 p.m.	50	38	c. bc. op. b. bc.	2.2	0.07
Weymouth, to 6 p.m.	53	43	bc. od. c.	0.0	-	Buxton, to 6 p.m. ...	46	38	c. bc. od. o.	0.1	0.28
Bournemouth, to 6 p.m.	53	41	c. od.	0.1	0.01	Darwen, to 9 p.m. ...	48	37	org. c.	0.0	-
Southsea, to 6 p.m. ...	53	40	*	0.0	-	Manchester, to 9 p.m.	*	*	*	0.0	-
Bognor, to 6 p.m. ...	52	39	o. c. o.	0.4	-	Birmingham, to 9 p.m.	51	40	o. b.	0.0	-
Worthing, to 6 p.m. ...	51	37	om. r.	0.4	0.03						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 19th Dec. 1910	57	41	bc. t.	Ins.	Utrecht ... 19th Dec. 1910	46	36	c. c.	-
Marseilles ...	50	41	bc. b.	-	Groningen ...	46	36	c. c.	0.08
Malta ...	63	56	c.	-	Zurich ...	*	*	r. bc.	0.16
Algiers ...	61	48	r. r.	0.35	Geneva ...	*	*	r. bc.	0.04
Tunis ...	63	48	f. c.	-	Lugano ...	*	*	o. b.	-
Palermo ...	64	48	b. f.	-	Berne ... 1910	1.30 p.m.	*	1.30 p.m.	Measured 7.30 a.m.
Naples ...	59	49	o. bc.	0.24	Coire ...	*	*	Not received.	*
Brindisi ...	61	48	o. bc.	-	Castasegna ...	*	*		
Rome ...	57	51	o. b.	-	Davos ...	*	*		
Vienna ...	45	39	o. r.	0.16					
St. Petersburg ...	36	34	o. o.	0.35					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Direc.	Force.		Air.					Direc.	Force.				
							Dry Bulb.	Wet Bulb.	Sea								
	0	0	Ins.				0	0	0			0	0	Ins.			
Tunisian	17th Dec. 3pm	35N	19W	30.04	SW	4-5	-	-	-	-	Mediterranean	17th Dec. 4am	31N	19W	29.16	W	1-3
	" 6pm	36N	19W	30.02	SW	4-5	th	-	-	-		" 7am	31N	21W	29.94	S	4-5
	18th " 4am	36N	25W	29.65	S	6-7	-	-	-	-		" 3pm	30N	26W	29.94	S	8.4
	" 7am	36N	24W	29.72	W	6-7	6	-	-	-		" 6pm	30N	28W	29.31	W	2.9
	" 3pm	34N	24W	29.87	WSW	6-7	-	-	-	-							
" 6pm	34N	24W	29.87	SW	6-7	6	-	-	-	-							
Lake Manille	18th " 3pm	30N	19W	29.96	WSW	4-5	-	-	-	-	Adriatic	19th " 3pm	49N	27W	29.29	WSW	8.9
	" 6pm	30N	18W	29.96	WSW	4-5	6	-	-	-		" 6pm	49N	26W	29.29	W	8.9
	19th " 4am	30N	25W	29.79	SE	6-7	-	-	-	-							
	" 7am	31N	24W	29.73	SE	6-7	0	-	-	-							
Kroonland	19th " 10am	30N	10W	30.30	WSW	4-5	-	-	-	-							
	" 1pm	30N	11W	30.33	WSW	4-5	0	-	-	-							
Caronia	19th " 7am	49N	39W	29.28	SE	8-9	0	-	-	-							
	" 8pm	30N	26W	29.37	SW	8-9	-	-	-	-							
	" 9pm	49N	26W	29.35	WSW	8-9	0	-	-	-							

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. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,

LONDON, S.W.

W. N. SHAW (Director).

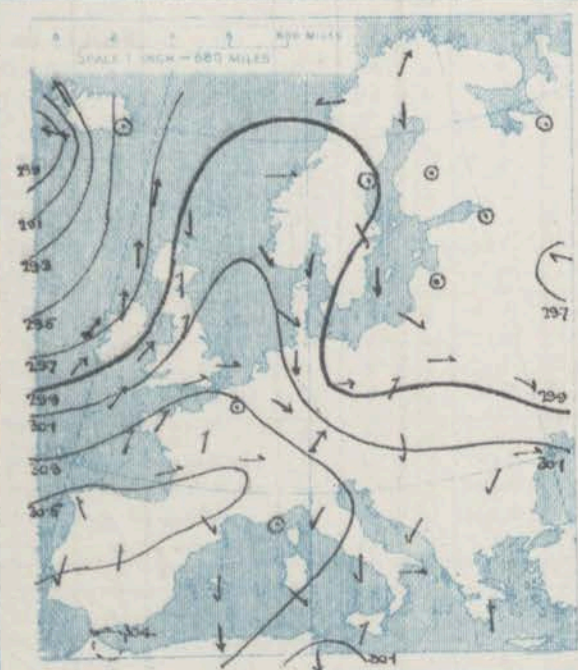
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
21st December, 1910.

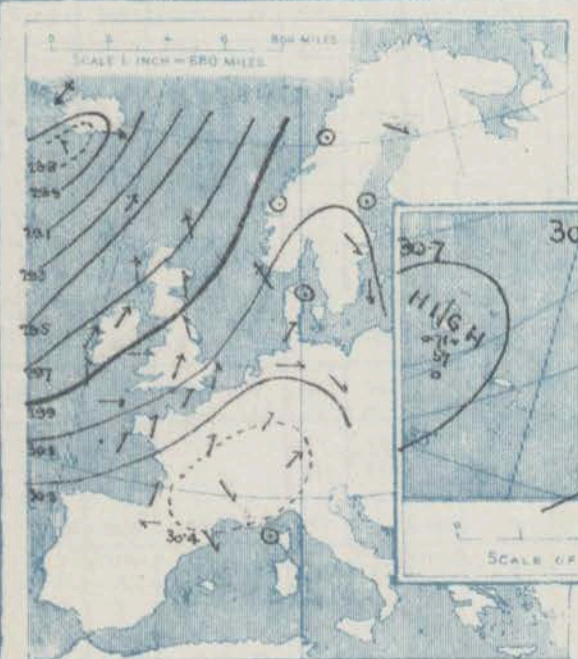
21st December, 1910.																					
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.	TEMPERATURE.			Wind.	Force	Weather.	Sea	Temp.		Weather.	Sun.	Rainfall.		
								Dry Bulb.	Wet Bulb.	Change since Yesterday.					Max.	Min.					
At 29° Fahr. and M.S.L. Lat. 45°		Dry Bulb.	Direc.	(0 to 12).	At 29° Fahr. and M.S.L. Lat. 45°	Ins.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	(0 to 12).	Weather.	(0 to 5).	Max.	Min.	Weather.	Shine.	Ins.			
SCANDINAVIA.		Haparanda...	29.97	28	WNW	2	0	30.06	+20	13	13	-18	N	2	0	32	213		0.01		
		Hernösand...	30.06	29	Z	0	0	30.12	+19	22	21	-11	Z	0	0	34	222		-		
		Stockholm...	30.12	36	NW	2	0	30.23	+37	30	28	-6	W	2	0	37	230		-		
		Wisby...	30.10	39	N	4	0	30.25	+44	37	36	-2	NNW	4	0	41	36		-		
		Karlstad...	30.17	28	Z	0	0	30.26	+31	21	20	-13	NW	2	0	38	3		-		
		Färder (X'ania Fjord)	30.19	32	NW	1	0	30.20	+21	34	33	+1	SE	2	0	36	32		-		
		Bodö...	30.00	37	Z	0	0	30.01	+15	33	30	0	E	1	0	37	32		0.16		
		Christiansund...	30.03	36	Z	0	0	29.89	-12	41	36	+2	Z	0	0	41	34		-		
		Skudesnaes...	30.11	40	SE	6	0	29.98	-12	43	42	+7	SSE	8	5	43	34	0.0	0.04		
ICELAND & FAEROE.		Isafjord...	29.01	32	NE	9	3	29.49	+17	26		-8	NE	8	5						
		Reykjavik...	28.79	34	SE	1	0	29.34	+48	35		-3	N	4	0						
		Seydistsjord...	28.97	45	W	5	0	29.27	-25	40		+8	S	2	0						
		Thorshavn...	29.47	44	SW	6	0	29.42	-29	44		+1	S	4	0						
BRITISH ISLANDS.		Sumburgh Head	29.70	42	SSE	7	7	29.67	-30	42	41	+2	SSE	2	0	49	238	0.0	0.12		
		Stornoway...	29.66	44	S	5	0	29.50	-20	43	41	-4	S	7	0	49	41	0.0	0.29		
		Castlebay (Barra Id.)	29.69	48	SSW	4	0	29.52	-16	45	43	-4	S	7	0	50	43	0.0	0.13		
		Malin Head	29.74	44	SW	4	0	29.57	-15	40	40	-10	SSW	6	0	50	39	0.0	-		
		Blacksod Pt.	29.75	47	SW	7	0	29.64	-01	46	44	-1	WSW	7	0	49	43	0.0	0.26		
		Valencia	29.88	45	S	3	0	29.90	+05	45	42	-3	SW	4	0	51	41	0.0	0.15		
		Roche's Point	29.94	48	SW	3	0	29.94	00	40	40	-11	WNW	2	0	50	40	0.0	0.23		
		Birr Castle	29.88	42	S	3	0	29.86	+03	36	35	-15	S	1	0	52	34	0.0	0.10		
		Donaghadee	29.86	44	S	3	0	29.81	-13	42	41	-7	SSE	2	0	50	38	0.0	0.07		
		Liverpool Obsy...	29.95	48	SW	3	0	29.93	-20	46	42	+4	SSE	2	0	50	41	0.0	0.06		
		Holyhead	29.92	47	W	2	0	29.88	-19	47	45	-2	SW	3	0	50	45	0.0	0.20		
		Pembroke	29.97	48	W	4	0	29.92	-20	46	45	-3	WSW	3	0	51	45	0.0	0.20		
		(St. Ann's Hd.)																			
		Scilly (St. Mary's)	30.04	49	W	4	0	29.97	-21	47	46	-3	WNW	4	0	52	48	0.0	0.15		
		Jersey (St. Aubins)	30.26	50	SSW	3	0	30.07	-29	50	49	0	S	3	0	52	48	0.0	0.03		
Portland Bill	30.10	51	SSW	6	0	29.96	-31	50	50	0	S	6	0	52	50	0.0	0.09				
Dungeness	30.21	50	SW	4	0	30.08	-23	50	49	+12	S	6	0	51	36	0.0	-				
Dover						30.12	-22	49	47	+13	SSW	5	0	49	35	0.0	-				
GERMANY, & C.		Wick	29.73	44	W	4	0	29.61	-29	43	40	0	W	4	0	45	38	0.0	0.02		
		Nairn	29.76	41	W	1	0	29.63	-27	41	39	-4	W	2	0	48	34	0.0	0.03		
		Aberdeen	29.82	47	S	3	0	29.79	-24	40	39	-2	SSW	3	0	47	38	0.0	0.02		
		Leith	29.82	49	SW	2	0	29.77	-24	43	40	+2	SSE	2	0	52	40	0.0	0.03		
		North Shields	29.92	46	SSE	3	0	29.91	-24	41	40	+2	Z	0	0	47	37	0.0	0.05		
		Spurn Head	30.03	45	SSE	5	0	29.97	-26	45	45	+6	S	3	0	47	38	0.0	-		
		Yarmouth	30.18	46	SSW	2	0	30.07	-22	48	46	+12	SSW	2	0	48	35	0.0	0.02		
		Clacton-on-Sea	30.19	47	SSW	3	0	30.08	-22	47	46	+11	S	4	0	48	36	0.0	-		
		Nottingham	30.03	50	SSW	5	0	29.97	-26	46	46	+9	S	1	0	50	37	0.0	0.07		
		Bath	30.09	49	SW	2	0	29.99	-27	46	46	+4	Z	0	0	52	42	0.0	0.36		
Oxford	30.11	49	S	4	0	30.01	-27	49	48	+8	S	5	0	50	41	0.0	0.32				
London (St. James's Pic)	30.18	50	SW	3	0	30.06	-24	50	48	+14	WSW	3	0	51	36	0.0	0.01				
FRANCE.		The Scaw (Skagen)	30.19	34	Z	0	0	30.22	+25	35	35	-3	SSW	2	0	38	30		-		
		Fanö	30.25	40	SW	2	0	30.22	+16	38	38	-2	SSW	2	0	43	37		-		
		Cuxhaven†	30.29	43	W	2	0	30.26	+17	36	31	-7	S	3	0	45	36		-		
		The Helder	30.26	40	S	4	0	30.17	-11	44	44	-1	S	3	0	45	39		-		
		Brussels						30.22	+12	44	44	+4	SSE	1	0	46	37		-		
		Berlin†	30.22	39	NW	3	0	30.35	+52	37	92	-6	SW	1	0	45	36		0.08		
		Frankfurt†	30.36	37	SW	1	0	30.31	+09	41	88	-5	S	1	0	46	37		-		
Munich†	30.44	38	SW	5	0	30.43	+15	33	100	-4	SE	2	0	41	32		-				
SPAIN & PORTUGAL.		C. Gris Nez	30.26	49	SW	5	0	30.13	-26	48	47	+6	S	5	0	50	242		0.04		
		La Hève	30.30	47	SW	4	0	30.17	-19	47	45	0	SSE	4	0	48	43		-		
		Brest	30.22	51	SW	4	0	30.04	-32	48	48	-3	SSW	2	0	52	46		0.82		
		Lorient	30.25	51	SSW	4	0	30.02	-38	52	52	+2	S	4	0	52	48		0.04		
		Rochefort	30.40	50	SSW	2	0	30.17	-30	44	43	-6	ESE	4	0	52	43		0.16		
		Biarritz	30.39	50	E	2	0	30.15	-35	40	39	-8	SE	3	0	55	39		-		
		Paris	30.38	48	S	3	0	30.25	-14	44	43	-2	SSE	2	0	53	36		-		
		Belfort...	30.50	40	W	2	0	30.38	-11	34	34	-3	ENE	4	0	40	34		0.04		
		Lyons	30.45	44	NW	1	0	30.34	-21	37	37	-2	ESE	1	0	46	36		-		
		Nice	30.34	45	Z	0	0	30.24	-11	42	38	0	Z	0	0	55	37		-		
Perpignan	30.37	49	NW	2	0	30.30	-14	7	36	?	W	1	0	58	?		-				
Sanguinaire																		-			

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

7 A.M. YESTERDAY.

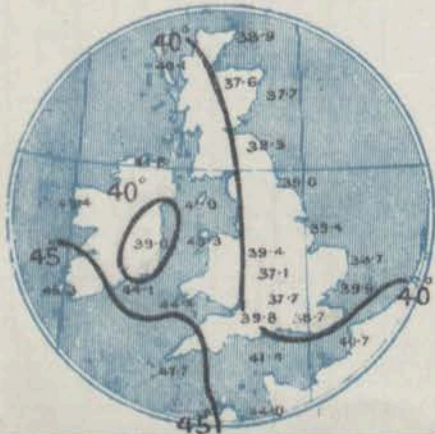


6 P.M. YESTERDAY



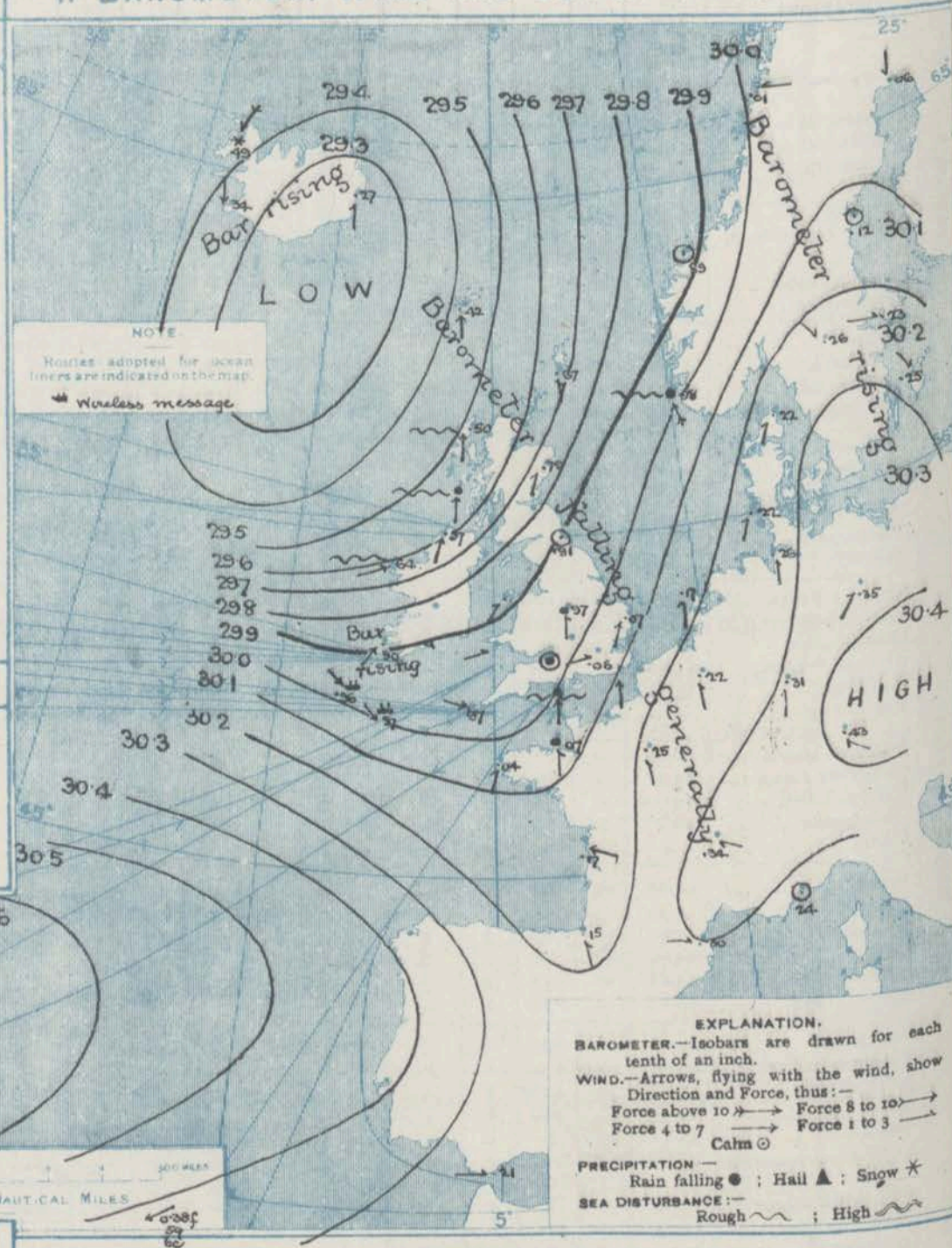
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.

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



Wednesday, WEATHER 21st Dec

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 ☉
PRECIPITATION.—Rain falling ●; Hail ▲; Snow *

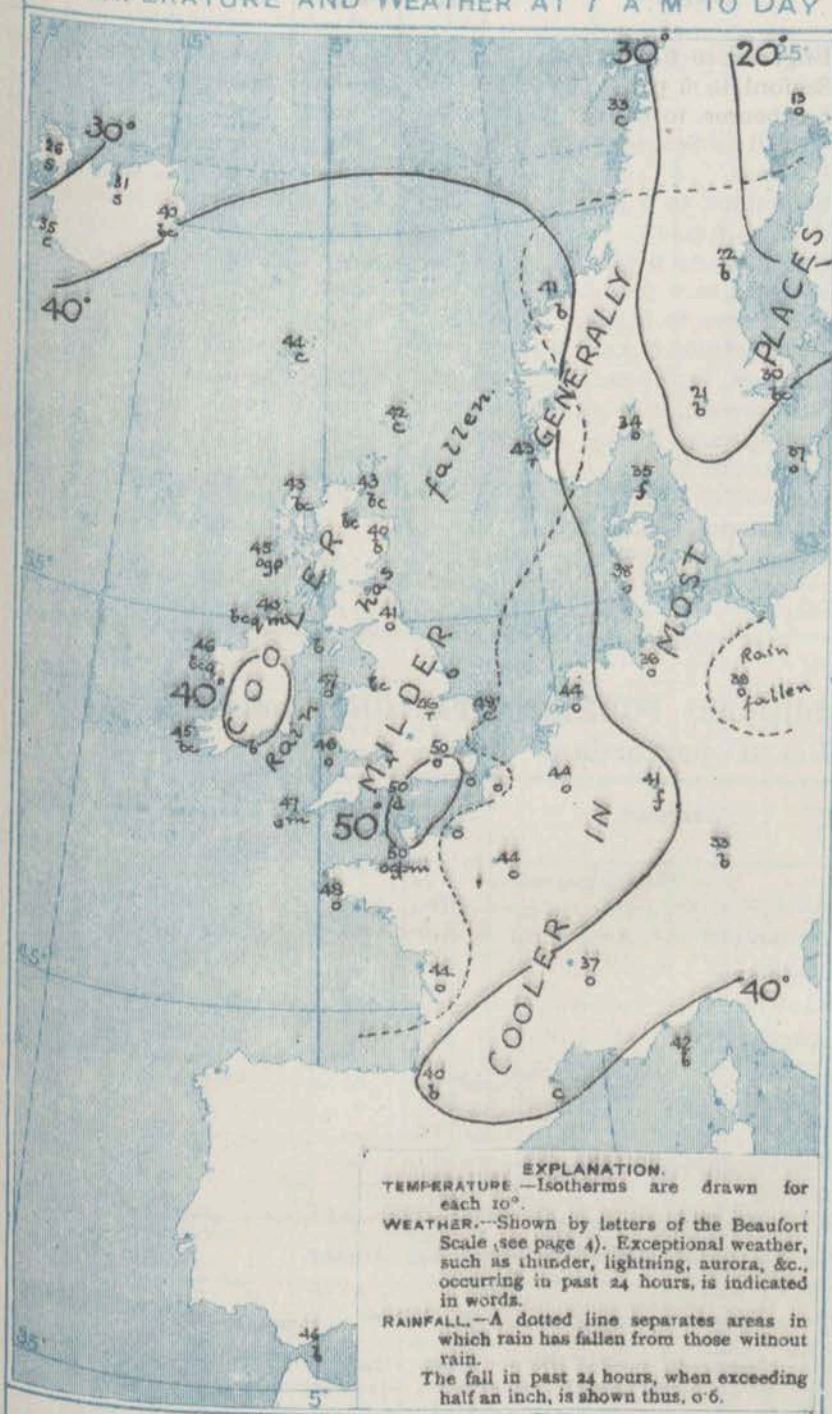
NOTES ON THE GENERAL SITUATION AT 7 A.M.

A rather large depression, with the barometer below 29.3 ins., is shown between Iceland and the Faeröe, while an extensive disturbance of a "V-shaped" character stretches across the west of these islands and the Bay of Biscay. Pressure is above 30.4 ins. in Bavaria, and above 30.7 ins. in the Azores. The gradient is rather steep across Ireland and Scotland.

Strong to high winds from south-west and south prevail on our extreme north-west coasts, a strong southerly breeze on the English Channel, and a gale from south-south-east on the south-west coast of Norway, while in the north-west of Ireland there is a North-easterly gale. Over these islands and their neighbourhood generally the wind is light from the southward, but on our south-west coasts it has veered to the westward, and some miles out at sea to the North-westward. Temperature has fallen in Ireland, Scotland and in many Continental regions, rises in England. Over the United Kingdom it ranges from 50° in the south and south-east to 40° at Aberdeen, and is rather lower in central Ireland. Rain is falling in several parts of England and also in the southern Hebrides and at Skudesnæs, and snow at Lafford (Ireland). Over the greater part of Ireland and Scotland, and also in the south of France and at Munich the weather is fair to fine. A partially clear sky is also reported from the greater part of Scandinavia.

CHARTS 21st Dec^r 1910.

2 TEMPERATURE AND WEATHER AT 7 A M TO DAY



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 50° or 52° at many of our stations, and remained high over England during the night. Rain has again fallen in almost all parts of the United Kingdom, the largest measurements reported being 0.32 inch at Oxford, and 0.36 inch at Bath. Scarcely any bright sunshine was recorded in Great Britain, but at Valencia there was 5.6 hours, and at Birr Castle 4.2 hours. According to wireless reports strong winds or gales from the S.W. with fair weather, prevailed as far west as the 20th meridian.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The general distribution of pressure will continue favourable for S. and S.W. winds, and for the approach of further depressions from the westward to these islands or their immediate neighbourhood.

WEATHER PROSPECTS

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY

THE FURTHER OUTLOOK

- | | | |
|----|--|----------------------|
| 0 | S. and S.W. winds, fresh or strong at times in places; changeable, some rain; mild. | General |
| 1 | | |
| 2 | | |
| 3 | S. to S.W. or W. winds, fresh or strong locally; moderate or light generally; dull, with some rain and high temperature, then fairer and cooler. | condition continuing |
| 4 | | |
| 5 | | |
| 6 | Same as Nos. 0 to 2. | mild, and |
| 7 | | |
| 8 | | |
| 9 | W. to S.W. or S. winds, moderate, fresh in places; changeable, some rain and mist; rather mild. | unsettled. |
| 10 | | |
| 11 | | |

II WESTERN CHANNEL AND BAY

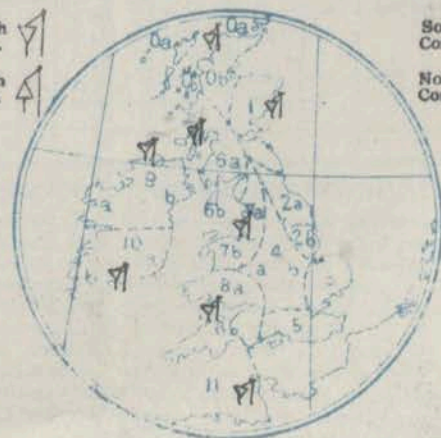
W. to S.W. winds, fresh or strong to moderate; sea rather rough or moderate; some rain, then fairer, mist at times.

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.



1 If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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. °			
Oban, to 6 p.m. ...	50	38	cr. o. c.	0.0	0.24	Brighton, to 6 p.m. ...	47	35	#	0.0	0.01
Dublin (City), to 4 p.m.	52	41	bc. org. c. b.	#	0.12	Seaford, to 6 p.m. ...	51	35	mr. c. o.	0.4	-
Blackpool, to 9 p.m. ...	48	36	o. or. c.	0.0	0.15	Eastbourne, to 6 p.m. ...	52	35	#	0.5	0.01
Southport, to 9 p.m. ...	43	38	or. c. bc.	0.0	0.21	Bexhill-on-Sea, to 9 p.m.	51	39	gm. oe	0.1	0.02
Rhyl, to 6 p.m. ...	53	38	bc. b. o. c.	1.0	0.02	Hastings ...	#	#	#	0.0	#
Colwyn Bay, to 6 p.m. ...	52	43	bc. p. d.	0.0	0.07	Folkestone, to 6 p.m. ...	49	34	o	0.0	-
Llandudno, to 9 p.m. ...	53	40	o. op. o.	0.0	0.03	Deal, to 6 p.m. ...	50	35	w. om. c.	0.0	-
Bettws-y-Coed, to 6 p.m.	45	32	or	0.0	#	Ramsgate, to 6 p.m. ...	#	#	#	0.0	-
Towyn, to 6 p.m. ...	51	39	or	0.0	0.12	Margate, to 6 p.m. ...	50	39	om. c.	0.0	-
Aberystwyth, to 6 p.m. ...	52	40	#	0.0	0.10	Felixstowe, to 6 p.m. ...	47	34	#	0.0	-
Plymouth, to 9 p.m. ...	51	48	ad. or	0.0	0.19	Lowestoft, to 6 p.m. ...	46	35	bc. o. c.	0.0	-
Paignton, to 6 p.m. ...	53	49	o. od.	0.2	0.12	Skegness, to 6 p.m. ...	44	36	o	0.0	-
Torquay, to 6 p.m. ...	53	48	#	0.3	0.05	Scarborough, to 9 p.m.	49	40	oq	0.0	0.01
Teignmouth, to 9 p.m. ...	53	45	cd	0.1	0.02	Harrogate, to 6 p.m. ...	48	34	b. bc. c. o. r.	0.0	0.12
Weymouth, to 6 p.m. ...	52	42	o. od.	0.0	0.02	Buxton, to 6 p.m. ...	-	-	-	-	0.06
Bournemouth, to 6 p.m. ...	52	65	mw. o. od.	0.0	0.03	Darwen, to 9 p.m. ...	47	34	c. org. ow	0.0	-
Southsea, to 6 p.m. ...	51	40	#	0.0	-	Manchester, to 9 p.m. ...	50	36	c. o. od. c.	0.0	-
Bognor, to 6 p.m. ...	50	38	od. c. o.	0.1	0.01	Birmingham, to 9 p.m. ...	-	-	-	-	-
Worthing, to 6 p.m. ...	50	34	o. f. o.	0.0	0.01						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Malaga ... 20th Dec. 1910	63	37	b. b.	-	Utrecht ... 20th Dec. 1910	46	37	r. bc	0.08
Marseilles ...	52	34	b. b.	-	Groningen ...	46	36	o. o	0.08
Malta ...	-	-	-	-	Zurich ...	#	#	c. o	0.04
Algiers ...	54	36	r. o	0.35	Geneva ...	#	#	bc. o	-
Tunis ...	64	50	o. b.	-	Lugano ...	#	#	bc. b.	-
Palermo ...	64	47	f. o	-	Berne ... 19th Dec. 1910	37	#	bc	Measured 7.30 a.m. 0.08
Naples ...	55	46	b. c	0.28	Coire ...	39	#	o	0.21
Brindisi ...	59	46	c. b.	-	Castasegna ...	43	#	b	#
Rome ...	56	40	b. b.	0.12	Davos ...	27	#	b	0.24
Vienna ...	43	37	b. r	0.16					
St. Petersburg ...	37	34	o. f.	0.04					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Dis- turbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Direc.	Force.		Air.		Sea			Lat.	Long.		Direc.	Force.	
							Dry Bulb.	Wet Bulb.									
<u>Zealand</u>	19th Dec. 3pm	0	0	Ins.			0	0	0		<u>Greenland</u>	20th Dec. 4am	0	0	Ins.		
	" 6pm	50N	29W	29.99	SW	6.7	-	-	-	-		" 7am	50N	16W	29.86	WSW	6.7
	19th " 4am	50N	27W	30.03	SW	6.7	m	-	-	-	" 3pm	50N	17W	29.85	WSW	6.7	
	" 7am	50N	23W	29.98	SE	1.3	-	-	-	-	<u>Adriatic</u>	20th " 10am	49N	22W	29.77	SW	8.9
	" 3pm	51N	? 22W	29.89	SE	4.5	c	-	-	-		" 7am	49N	20W	29.74	WSW	8.9
	" 6pm	51N	19W	29.65	SSW	6.7	-	-	-	-		" 3pm	49N	17W	29.86	WSW	4.5
" 7am	51N	18W	29.65	SSW	8.9	bc	-	-	-	" 6pm		49N	15W	29.87	W	1.3	
20th " 7am	51N	14W	29.69	W	8.9	-	-	-	-	21st " 4am	49N	10W	29.93	NW	4.5		
		51N	13W	29.81	WSW	6.7	b	-	-	-	" 7am	49N	9W	29.99	NW	4.5	
<u>Lake Manille</u>	19th " 8pm	51N	21W	29.46	S	8.9	-	-	-	-	<u>Mannar</u>	21st " 4am	50N	10W	29.88	NW	6.7
	" 6pm	51N	21W	29.42	SW	8.9	r	-	-	-		" 7am	50N	11W	29.96	NW	6.7
	20th " 4am	51N	19W	29.70	W	8.9	-	-	-	-							
	" 7am	51N	18W	29.72	W	8.9	bc	-	-	-							
<u>Caronia</u>	19th " 4am	51N	20W	29.75	WSW	6.7	-	-	-	-							
	" 7am	51N	19W	29.77	SW	6.7	bc	-	-	-							

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday
22nd December, 1910.

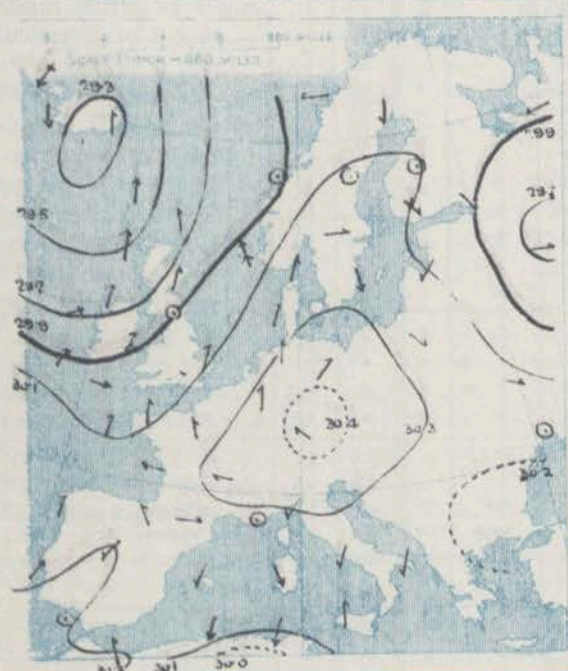
WEATHER REPORT OF THE METEOROLOGICAL OFFICE.																				22nd December, 1910.		
STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.					
	BAROM.	TEMP.	WIND.		Weather.	Sea (0 to 9).	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.		
																					At 3P. Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Direc.	Force (0 to 12).	At 3P. Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.	Min.
			Inch.	Fahr.			Inch.	Fahr.	Inch.	Fahr.	Inch.	Fahr.	Inch.			Fahr.	Inch.																	Fahr.	Inch.	Fahr.
SCANDINAVIA.																						
Haparanda...	30.17	10	E	2	f		29.97	-0.09	22	22	+0.09	SE	4	o		28	3			0.04		
Hernösand...	30.13	21	Z	0	f		29.90	-0.22	33	32	+0.11	Z	0	o		33	19			-		
Stockholm...	30.29	27	WSW	2	o		30.13	-0.10	33	32	+0.01	SSW	4	o		36	27			-		
Wisby...	30.32	35	W	6	o		30.21	-0.04	38	35	+0.01	SSW	6	o		41	34			-		
Karlstad...	30.23	34	Z	0	o		29.99	-0.27	38	37	+0.17	SW	4	r						0.12		
Färder (X'ianla Fjord)	30.11	39	SSE	5	r		29.86	-0.34	41	41	+0.07	SSW	6	m		41	34			0.32		
Bodö...	29.89	38	E	1	o		29.70	-0.31	33	31	0	E	4	bc	2	38	32			-		
Christiansund...	29.86	44	Z	0	o		29.67	-0.22	41	38	0	ESE	1	bc	3	45	39			-		
Skudesnaes...	29.92	45	SSE	8	o		29.75	-0.23	45	43	+0.02	S	8	o	5	45	39	r. o.		0.39		
ICELAND & FAEROE.																						
Isafjord...	29.82	25	NE	7	o		29.77	+0.28	25	*	-0.01	ESE	6	c		*	*			*		
Reykjavik...	29.69	32	N	3	b		29.71	+0.37	27	*	-0.08	N	2	c		*	*			*		
Seydijord...	29.63	38	W	1	c		29.80	+0.53	28	*	-0.12	SW	6	b		*	*			*		
Thorshavn...	29.39	42	SE	6	r		29.63	+0.21	37	*	-0.07	NNW	1	b		*	*			*		
BRITISH ISLANDS.																						
Sumburgh Head	29.57	43	S	5	c		29.47	-0.20	41	41	-0.01	Z	0	c	4	52	39	c		0.04		
Stornoway...	29.41	44	S	5	o		29.78	+0.28	45	43	+0.02	NW	5	o	4	45	42	org. op. c. o	0.0	0.78		
Castlebay (Barra Id.)	29.53	47	W	7	c		29.92	+0.40	44	43	-0.01	WNW	5	bc	5	48	42	gp. op. bc. bc	0.0	0.26		
Malin Head...	29.70	43	WSW	8	rgg		30.01	+0.44	44	44	+0.04	NW	8	cgp	6	46	40	o. op. c. op. m		0.27		
Blacksod Pt.	29.87	44	NW	5	o. g. p.		30.15	+0.51	45	43	-0.01	NW	3	op	3	47	42	o. cap. bc. m		0.15		
Valencia...	30.08	47	WNW	4	b		30.26	+0.36	41	40	-0.04	SSW	1	c	4	48	40	bc. p. c. b	3.0	0.07		
Roche's Point...	30.06	44	WNW	3	b		30.26	+0.32	37	36	-0.03	E	1	b	2	48	35	b		0.02		
Birr Castle...	29.98	42	S	2	b		30.20	+0.34	37	36	+0.01	Z	0	b		46	35	c. b	4.3	0.02		
Donaghadee...	29.85	44	SSW	2	cg		30.00	+0.19	39	38	-0.03	WSW	1	m		46	38	bc. op. bc		-		
Liverpool Obsy...	30.01	42	SW	2	b		30.11	+0.18	42	40	-0.04	WSW	4	bc	4	46	40	o. op. c. b	0.2	0.04		
Holyhead...	29.96	47	SW	4	om		30.12	+0.24	45	43	-0.02	W	4	c	3	47	43	c. om		-		
Pembroke (St. Ann's Hd.)	30.05	48	WSW	4	bc		30.20	+0.28	46	43	0	WNW	4	bc	4	49	45	op. c. bc	1.7	-		
Scilly (St. Mary's)	30.11	45	NW	2	b		30.25	+0.28	45	43	-0.02	NNW	3	b	3	49	40	cm. bc	1.0	-		
Jersey (St. Aubins)	30.12	48	SSW	4	ogm		30.26	+0.19	44	43	-0.06	WSW	3	ogm	3	54	42	orgm. ogm	0.0	0.06		
Portland Bill...	30.07	49	S	2	o		30.21	+0.25	45	44	-0.05	W	1	bc	4	51	44	c. bc. o	0.0	0.03		
Dungeness...	30.07	50	SSW	4	o		30.22	+0.14	45	45	-0.05	WNW	2	c	3	51	44	c. bc	0.3	-		
Dover...	*	*	*	*	*		30.23	+0.11	43	42	-0.06	WNW	1	b	2	49	42	o. c. bc. b	0.0	-		
Wick...	29.50	45	W	4	bc		29.63	+0.02	43	42	0	W	4	p	2	46	39	-		0.12		
Nairn...	29.51	44	SSW	3	b		29.70	+0.07	45	43	+0.04	WSW	4	c	3	45	37	b. r. q. c	4.7	0.19		
Aberdeen...	29.68	43	SSW	6	b		29.72	-0.07	44	41	+0.04	WSW	5	b	2	45	40	bc. b. q. b	1.4	-		
Leith...	29.75	45	SW	4	c		29.86	+0.09	45	42	+0.02	W	7	b		46	42	bc. q. bc. q. p.		0.01		
North Shields...	29.89	45	SW	2	c		29.95	+0.04	44	42	+0.03	SW	3	bc	2	46	37	o. c	0.0	-		
Spurn Head...	30.00	44	WSW	3	r		30.08	+0.11	44	43	-0.01	SW	4	o	5	46	37	or. op. c. o		0.05		
Yarmouth...	30.07	48	S	2	c		30.16	+0.09	39	39	-0.09	SW	1	bc	2	50	38	o. c. op. bc	0.0	0.02		
Clacton-on-Sea...	30.09	47	S	4	bc		30.21	+0.13	44	44	-0.03	SSW	2	f	2	48	38	o. c. bc. o. f	0.0	-		
Nottingham...	30.03	42	SW	2	b		30.15	+0.18	36	36	-0.10	W	1	b		47	36	y. o. b. bc. m	0.0	0.05		
Bath...	30.09	47	WSW	1	o		30.24	+0.25	32	32	-0.14	Z	0	m		48	30	-	0.0	0.13		
Oxford...	30.13	43	SSE	2	o		30.26	+0.25	36	35	-0.13	SW	2	b		49	36	on. o. bc. b		0.50		
London (St. James's Pl.)	30.09	49	SSW	3	cp		30.23	+0.17	39	39	-0.11	SW	1	cm		51	39	o. op. c. bc	0.0	0.03		
GERMANY, & C.																						
The Scaw (Skagen)	30.18	40	SSW	4	o		29.98	-0.24	42	41	+0.07	SSW	4	r	1	43	35			0.04		
Fanö...	30.18	41	SW	4	bc		30.10	-0.12	42	41	+0.04	SW	4	o		43	37			-		
Cuxhaven...	30.27	41	S	2	o		30.22	-0.04	41	40	+0.05	S	2	bc		41	36			-		
The Helder...	30.18	46	S	4	o		30.19	+0.02	44	44	0	SSW	3	o	2	46	43			-		
Brussels...	*	*	*	*	*		30.27	+0.05	36	36	-0.08	Z	0	b		48	35			-		
Berlin...	30.38	35	SE	3	b		30.28	-0.07	31	31	-0.06	S	2	bc		43	30			-		
Frankfurt...	30.30	36	NE	2	b		30.30	-0.01	32	32	-0.09	NE	1	m		45	32			-		
Munich...	30.41	30	E	2	b		30.43	0.0	24	24	-0.09	SW	1	b		39	23			-		
FRANCE.																						
C. Gris Nez...	30.13	46	S	5	b		30.23	+0.10	45	44	-0.03	S	4	o	4	50	43			-		
La Hève...	30.17	46	SSE	4	c		30.26	+0.09	41	40	-0.06	SE	1	o	1	48	37			-		
Brest...	30.10	47	SW	1	o		30.26	+0.22	46	45	-0.02	NE	2	c	5	50	45			-		
Lorient...	30.07	50	SE	3	o		30.24	+0.22	44	44	-0.08	NE	2	o	5	52	43			0.08		
Rochefort...	30.11	43	SE	3	bc		30.21	+0.04	41	40	-0.03	SSE	3	c		50	41	o. bc		-		
Biarritz...	30.08	52	ESE	4	b		30.20	+0.05	45	41	+0.05	SE	2	o	3	59	40			-		
Paris...	30.20	41	SSE	1	bc		30.26	+0.01	31	31	-0.13	E	1	b		49	31			-		
Belfort...	30.32	34	ENE	4	m		30.38	0.0	30	20	-0.04	Z	0	bc		41	27			-		
Lyons...	30.27	39	WSW	1	b		30.38	+0.04	32	31	-0.05	NNW	1	b		46	29			-		
Nice...	30.25	44	ENE	2	b		30.29	+0.05	44	35	+0.02	Z	0	b	1	52	41			-		
Perpignan...	30.22	45	Z	0	c		30.27	-0.03	38	37	?	Z	0	o		52	35			-		
Sanguinaire...	30.26	52	E	2	m		30.28		48	45		E	2	m	2	64	46			-		
SPAIN & PORTUGAL.																						
Corunna...	30.19	46	NW	1	c		30.06	-0.17	43	41	-0.09	N	3	b		54	43			-		
Lisbon...	30.04	51	NW	1	o		29.94	-0.27	50	49	+0.04	NW	2	o								

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

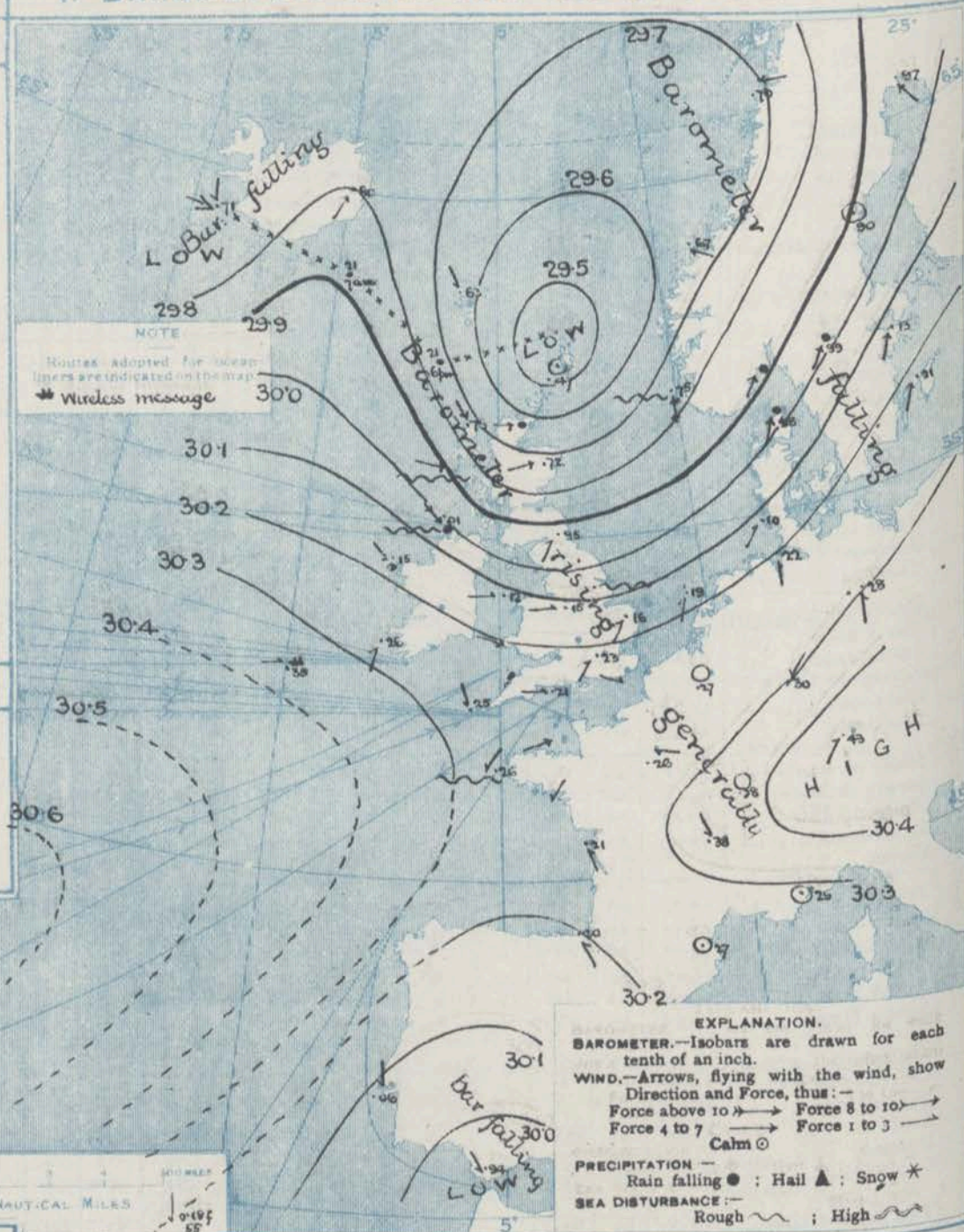
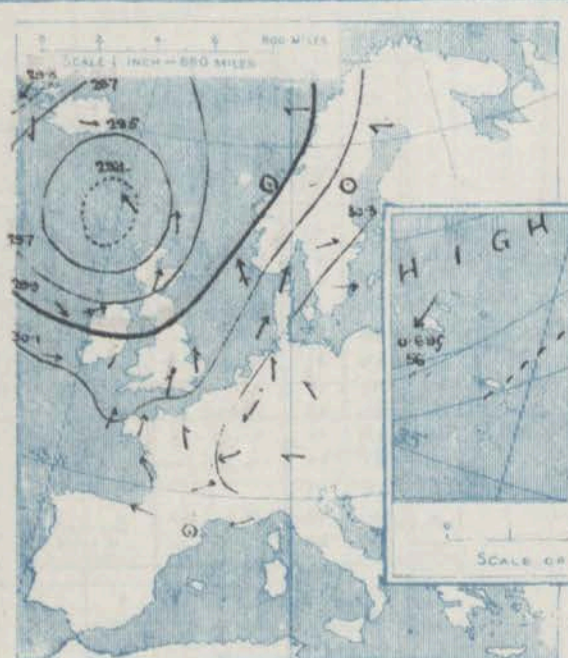
Thursday, **WEATHER** 22nd Dec^r

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

7 A.M. YESTERDAY.



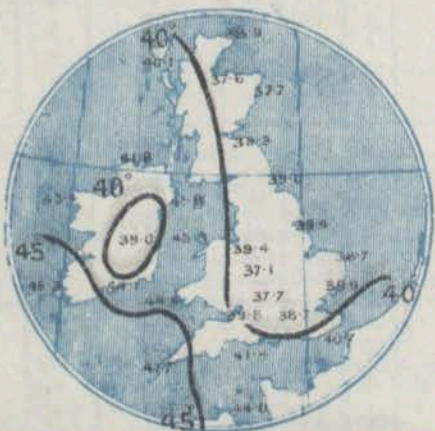
6 P.M. YESTERDAY.



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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

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



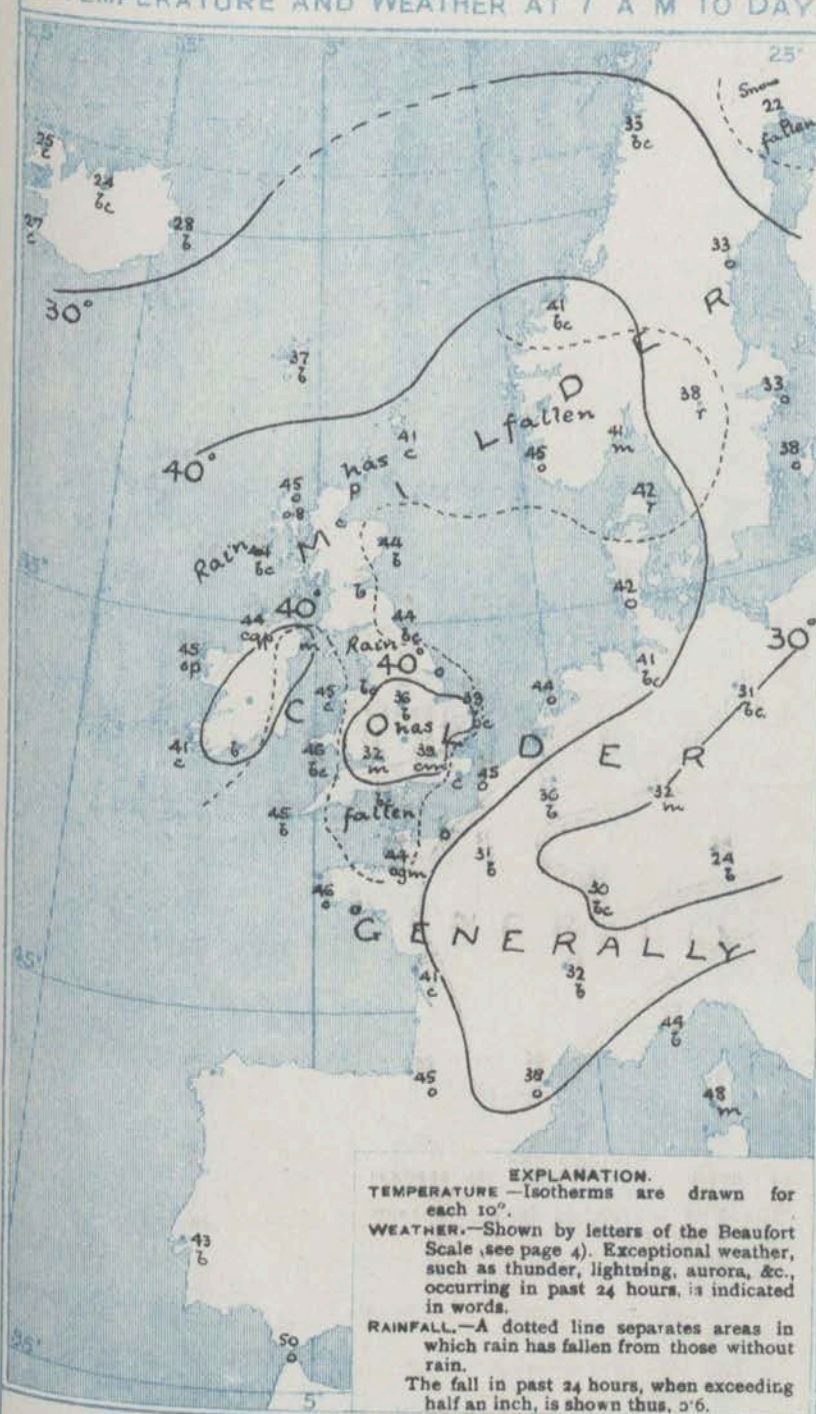
The depression which lay to the southward of Iceland yesterday is now shown centred to the northward of Shetland, the lowest barometer reading reported being 29.47 ins. at Dunburgh Head. Pressure has increased very decidedly in the west of the United Kingdom, and is now above 30.3 ins. off the north-west coast of Ireland. In the Azores it is about 30.7 ins, and in South Germany about 30.14 ins, but a slight decrease has taken place in the south of Spain.

The wind blows a gale from the north-westward at Malin Head, and a fresh breeze from that quarter in the Hebrides, while in the east of Scotland there is a moderate to high wind from the westward. Over the United Kingdom generally the main current is from the westward, and of little force. Beyond the North Sea the southerly current blows a gale at Skudesnaes. Temperature has risen a little in the north of these islands and also in Denmark and Scandinavia, fallen elsewhere, briskly in England and the nearer parts of the Continent. Over this country it ranges from 45° in the south and south-west and also in some parts of the north to below 40° in several localities, and to 32° at 113 mth. Showers and falling in the north of Ireland and at Wick, and rain is reported at Skagen and Kielstad. Over our sea generally, however, the weather is fair to fine. At some of our south-eastern stations mist or fog prevails.

CHARTS

22nd December, 1910.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer again rose to about 50° in several parts of the Kingdom, but the night was colder than of late; at Bath the thermometer fell to 30°. Rain has fallen in most localities; 0.5 inch at Oxford, and 0.8 inch at Stornoway. Hardly any bright sunshine was recorded in England, but in some parts of Ireland and Scotland the records were more than 4 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The high pressure system existing to the westward and north-westward of these islands will extend in a northerly and north-easterly direction during the ensuing twenty-four hours, while the depression in the neighbourhood of Shetland will pass on to Scandinavia.

WEATHER

PROSPECTS

FORECASTS FOR THE 24 HOURS
NOON THURSDAY TO NOON FRIDAY

THE FURTHER OUTLOOK

- 0 } Wind between W. and N.W., fresh or strong to light; some showers, then fair; temperature lower than of late.
- 1 }
- 2 }
- 3 } Wind mainly between W. and N.W., moderate to very light; some mist or fog, otherwise fair generally; rather colder than of late, frost locally at night.
- 4 }
- 5 }
- 6 } Same as Nos. 0 and 1.
- 7 }
- 8 }
- 9 } N.W. & W. winds, mostly moderate, some showers locally, but generally fair or fine; temperature lower than of late.
- 10 }
- II WESTERN CHANNEL AND BAY
- N.W. & W. to light variable winds, mist or fog at times otherwise fair, sea moderate to smooth.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

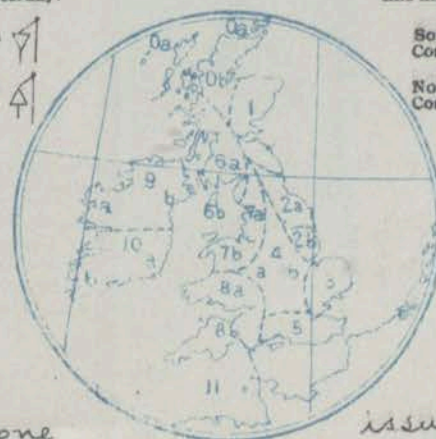
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



None

issued.

* If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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.			
Oban, to 6 p.m. ...	46	41	bc. cr. eq.	0.2	0.22	Brighton, to 6 p.m. ...	60	39	*	0.0	0.03
Dublin (City), to 4 p.m.	45	40	bc. bcq.	*	-	Seaford, to 6 p.m. ...	50	45	o. r. o	0.0	0.03
Blackpool, to 9 p.m. ...	49	37	o. c	0.0	-	Eastbourne, to 6 p.m. ...	50	45	*	0.0	-
Southport, to 9 p.m. ...	45	40	cr. bc. o	0.0	0.02	Bexhill-on-Sea, to 9 p.m.	50	44	o. ov. c	0.1	-
Rhyl, to 6 p.m. ...	51	41		2.2	0.02	Hastings ...	*	*	*	0.2	*
Colwyn Bay, to 6 p.m. ...	49	44	bc	1.3	-	Folkestone, to 6 p.m. ...	49	40	o	0.2	-
Llandudno, to 9 p.m. ...	48	42	o. bcq. o	1.2	0.01	Deal, to 6 p.m. ...	50	47	c. bc. b	0.0	-
Bettws-y-Coed, to 6 p.m.	47	39	b	0.0	*	Ramsgate, to 6 p.m. ...	*	*	*	0.1	-
Towyn, to 6 p.m. ...	48	45	op. c. bc. b	0.5	0.05	Margate, to 6 p.m. ...	51	39	*	0.1	-
Aberystwyth, to 6 p.m. ...	50	44	*	0.5	0.06	Felixstowe, to 6 p.m. ...	48	36	*	0.0	0.01
Plymouth, to 9 p.m. ...						Lowestoft, to 6 p.m. ...	48	43	c. op. c	0.0	0.03
Paignton, to 6 p.m. ...	50	46	cm. bn	0.0	0.37	Skegness, to 6 p.m. ...	48	44	r. cr. o	0.0	0.26
Torquay, to 6 p.m. ...	50	46	*	0.0	0.47	Scarborough, to 9 p.m. ...	51	40	eq.	0.0	0.01
Teignmouth, to 9 p.m. ...						Harrogate, to 6 p.m. ...	43	37	op. c. bc. b	0.0	-
Weymouth, to 6 p.m. ...	51	48	o. c	0.0	0.26	Buxton, to 6 p.m. ...					0.02
Bournemouth, to 6 p.m. ...	50	48	r. cd	0.0	0.36	Darwen, to 9 p.m. ...	46	37	ov. ou	0.0	-
Southsea, to 6 p.m. ...	50	48	*	0.0	0.16	Manchester, to 9 p.m. ...					
Bognor, to 6 p.m. ...	50	47	o. r	0.0	0.13	Birmingham, to 9 p.m. ...					
Worthing, to 6 p.m. ...	50	41	o. r	0.0							

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga 21st Dec. 1910	63	39	b. b	Ins.	Utrecht 21st Dec. 1910	46	36	o. o	-
Marseilles ...	52	34	b. b	-	Groningen ...	45	37	o. m	-
Malta ...	5				Zurich ...	*	*	o. o	-
Algiers ...	57	52	r. o	0.16	Geneva ...	*	*	b. o	-
Tunis ...	64	54	b. o	0.75	Lugano ...	*	*	b. b	-
Palermo ...	58	49	o. o	0.20	Berne 20th Dec. 1910	41	*	bc	Measured 7.30 a.m. 0.04
Naples ...	54	45	b. b	-	Coire ...	39	*	o	*
Brindisi ...	54	43	b. bc	-	Castasegna ...	45	*	b	0.04
Rome ...	52	35	b. b	-	Davos ...	73	*	bc	
Vienna ...	41	39	r. o	0.75					
St. Petersburg ...	37	32	o. s	-					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
Holland 20th Dec. 3pm	0	0	Ins.	WNW	6.7	-	0	0	0	-		0	0	Ins.			
20th Dec. 6pm	50N	10W	29.68	WNW	6.7	-	-	-	-	-							
20th Dec. 3pm	51N	15W	29.77	W	6.7	-	-	-	-	-							
20th Dec. 6pm	51N	14W	29.78	W	6.7	0	-	-	-	-							
21st Dec. 3pm	50N	25W	30.56	NW	6.7	-	-	-	-	-							
21st Dec. 6pm	50N	25W	30.46	NW	6.7	0	-	-	-	-							
22nd Dec. 4am	51W	17W	30.37	NW	4.5	-	-	-	-	-							
22nd Dec. 7am	51W	14W	30.35	W	4.3	-	-	-	-	-							

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday.
23rd December, 1910.Rainfall
Ins.0.03
0.030.01
0.05
0.26
0.01

0.07

RAIN.

Ins.

Measured
7.30 a.m.
0.04

*

0.04

Weather.

Report
may be

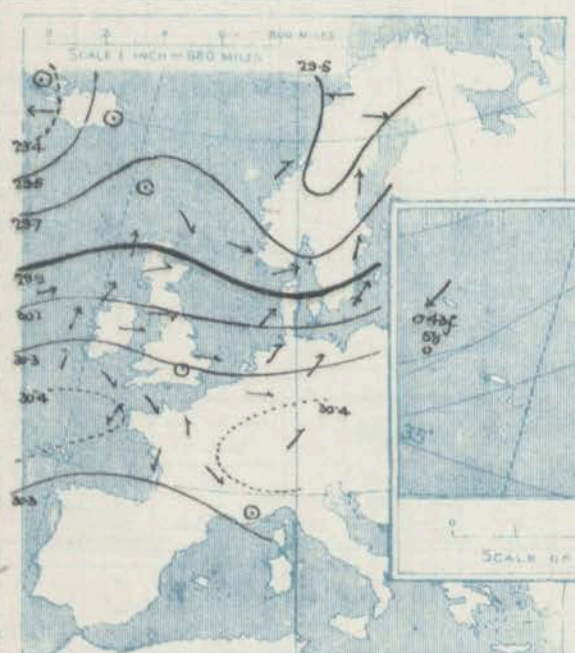
WEATHER REPORT OF THE METEOROLOGICAL OFFICE.																				23rd December, 1910.			
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.						
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun. shine.	Rainfall.				
		At 82° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dry Bulb.	Force (0 to 12).		Weather.	At 82° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.		Force (0 to 12).	Weather.				Max.	Min.		
		Ins.	"	Dir.	Force (0 to 12).	Weather.	Ins.	Ins.	"	"	"	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).	"	"	Weather.	Hours.	Ins.			
SCANDINAVIA.	Haparanda...	29.50	26	WSW	2	S	29.34	-0.16	18	18	-4	NW	2	0	0	23	9	"	"	0.35			
	Hernösand...	29.56	35	S	4	0	29.54	-0.02	30	29	-3	Z	0	0	0	35	19	"	"	0.04			
	Stockholm...	29.79	37	SSW	2	0	29.62	-0.17	38	38	+5	WNW	2	m	0	38	27	"	"	0.04			
	Wisby...	29.92	41	SW	8	0	29.66	-0.26	43	40	+5	SW	8	0	0	43	34	"	"	0.08			
	Karlstad...	29.69	39	SW	4	r	29.68	-0.01	35	34	-3	W	2	0	0	41	37	"	"	0.08			
	Færder (X'ania Fjord)	29.61	41	SW	6	0	29.71	-0.10	39	37	-2	W	4	0	0	41	37	"	"	0.08			
	Bodö...	29.50	32	E	3	0	29.36	-0.14	33	31	0	E	1	0	0	33	32	"	"	0.08			
	Christiansund...	29.56	41	SW	1	0	29.61	-0.05	39	38	-2	SW	1	0	0	41	39	"	"	0.16			
	Skudesnaes...	29.73	45	WNW	6	0	29.78	+0.05	43	42	-2	WNW	4	bc	4	45	41	r 0	"	0.20			
ICELAND & FAEROE.	Isafjord...	29.39	27	Z	0	S	29.02	-0.37	31	*	+6	NE	5	S	0	0	0	"	"	"			
	Reykjavik...	29.32	35	E	6	0	29.04	-0.28	34	*	+7	SW	3	0	0	0	0	"	"	"			
	Seydisfjord...	29.61	28	Z	0	0	28.89	-0.72	42	*	+14	SW	3	0	0	0	0	"	"	"			
	Thorshavn...	29.71	39	Z	0	0	29.32	-0.39	45	*	+8	WSW	6	r	0	0	0	"	"	"			
BRITISH ISLANDS.	Sumburgh Head	29.77	43	NW	3	c	29.55	+0.22	46	46	+5	WSW	4	0	4	50	38	"	"	0.07			
	Stornoway...	29.90	44	S	4	0	29.67	-0.23	49	48	+4	W	4	0	4	49	41	odpm	0.2	0.05			
	Castlebay (Barra Id.)	29.96	48	WSW	5	r	29.80	-0.16	49	49	+5	W	4	d	4	49	42	bc. o. odpm	0.8	0.03			
	Malin Head	30.08	46	SW	5	c	29.91	-0.17	47	47	+3	SW	5	rm	5	48	43	bc. o. odpm	0.8	0.04			
	Blacksod Pt.	30.18	48	SSW	5	ogrm	30.04	-0.14	50	50	+5	SW	5	ogrm	4	50	42	apm	0.8	0.07			
	Valencia	30.34	48	SSW	1	0	30.26	-0.08	51	50	+10	SW	3	r	4	51	41	c. o. otm	0.3	0.04			
	Roche's Point	30.37	44	W	2	b	30.27	+0.10	50	50	+13	WSW	3	0	3	50	34	b. otm	0.8	0.03			
	Birr Castle	30.28	43	S	3	c	30.14	-0.14	50	49	+13	WSW	4	0	0	51	36	c	2.5	0.01			
	Donaghadee	30.18	42	SW	4	m	30.05	-0.13	49	49	+10	SSW	3	r	2	49	38	bc. cm. otm	0.8	0.01			
	Liverpool Obsy...	30.25	42	WSW	4	b	30.16	+0.09	46	45	+4	WSW	4	0	3	47	39	b. bc	4.6	0.02			
	Holyhead	30.27	45	W	3	b	30.15	+0.12	49	48	+4	WSW	4	0	3	49	43	bc. b	0.8	0.02			
	Pembroke (St. Ann's Hd.)	30.31	46	WNW	3	b	30.26	+0.05	49	48	+3	WSW	5	og	4	50	45	bc. w. bc. b	5.4	0.02			
	Scilly (St. Mary's)	30.37	46	NW	3	b	30.40	+0.03	48	47	+3	W	5	bc. m	4	50	41	bc. b	6.1	0.01			
	Jersey (St. Aubine)	30.36	48	NW	2	ogm	30.44	+0.08	41	40	-3	WNW	3	ogm	3	51	36	of. og. bc. r	0.2	0.01			
	Portland Bill	30.32	47	WNW	2	b	30.34	+0.02	48	46	+3	WSW	4	0	3	49	45	bc. b	6.3	0.01			
	Dungeness	30.29	40	WNW	2	bc	30.29	+0.07	42	41	-3	WSW	4	bc	2	51	35	cm. bc. b. bc	5.2	0.01			
Dover	30.34	40	W	2	*	30.34	+0.00	39	38	-4	WSW	3	0	2	51	35	b. bc. bx	6.5	0.01				
GERMANY, & C.	Wick	29.88	45	W	3	bc	29.67	+0.21	48	45	+5	W	2	c	2	48	38	"	"	0.03			
	Nairn	29.96	41	WSW	1	bc	29.71	+0.25	50	48	+5	W	3	c	2	50	39	c. w. c. q	2.2	0.01			
	Aberdeen	29.99	42	WSW	3	b	29.76	+0.23	47	45	+3	SSW	4	c	2	48	39	b. bc. op. c	4.1	0.01			
	Leith	30.07	43	W	3	c	29.88	+0.19	50	48	+5	WSW	7	0	0	50	42	b. bc. c. q	0.8	0.01			
	North Shields	30.14	43	W	3	c	29.99	+0.15	50	47	+6	SW	3	0	2	50	39	c. p	0.8	0.01			
	Spurn Head	30.20	43	W	5	c	30.12	+0.08	43	41	-1	WSW	4	c	4	44	37	bc. c	0.8	0.01			
	Yarmouth	30.25	40	W	2	b	30.23	+0.02	35	35	-4	WSW	2	0	2	45	35	b. bc. m. x	6.0	0.01			
	Clacton-on-Sea	30.29	39	W	2	bc	30.29	+0.00	37	37	-7	W	2	bc	2	44	35	of. bc. m. x	0.5	0.02			
	Nottingham	30.26	41	W	2	b	30.20	+0.06	41	40	+5	SSW	2	c	0	45	35	bm. b	2.6	0.01			
	Bath	30.33	40	W	1	m	30.33	+0.00	41	41	+9	Z	0	0	0	47	31	-	6.2	0.01			
FRANCE.	Oxford	30.36	38	SW	3	b	30.31	+0.05	41	40	+5	SSW	3	bc	0	42	35	b	0.8	0.01			
	London (St. James's Pl.)	30.32	42	Z	0	bc	30.32	+0.00	38	37	-1	WSW	2	bc	0	45	35	c. bc. m. w. x	2.3	0.01			
	The Scaw (Skagen)	29.75	43	WSW	5	r	29.78	-0.03	41	40	-1	W	4	0	0	43	41	"	"	0.04			
	Fanø	30.04	43	SW	4	0	30.02	-0.02	42	41	0	WSW	3	c	0	43	41	"	"	0.04			
	Cuxhaven†	30.17	41	SW	3	0	30.14	-0.03	41	42	0	W	3	0	0	43	39	"	"	0.04			
	The Helder	30.24	44	WSW	3	0	30.21	-0.03	44	42	0	WSW	3	c	2	45	43	"	"	0.04			
	Brussels	30.24	44	WSW	3	0	30.36	+0.12	35	35	-1	SW	1	f	0	47	35	"	"	0.04			
	Berlin†	30.24	33	SW	2	0	30.19	-0.05	39	35	-4	SW	2	0	0	39	30	"	"	0.04			
	Frankfurt†	30.34	31	W	3	f	30.34	+0.00	31	100	-1	SW	4	f	0	36	30	"	"	0.04			
	Munich†	30.43	29	SW	2	0	30.45	+0.02	26	80	+2	SW	2	0	0	34	24	"	"	0.04			
SPAIN & PORTUGAL.	C. Gris Nez	30.32	47	W	4	b	30.30	+0.02	45	44	0	W	5	c	4	48	43	"	"	0.04			
	La Hève	30.36	45	SE	1	m	30.42	+0.06	42	39	+1	SW	2	bc	2	46	41	"	"	0.04			
	Brest	30.41	45	NE	2	b	30.49	+0.08	44	43	-2	WNW	1	0	2	50	41	"	"	0.04			
	Lorient	30.34	46	WNW	2	c	30.43	+0.09	44	43	0	NNE	1	0	2	54	43	"	"	0.04			
	Rochefort	30.34	43	NNE	3	bc	30.43	+0.09	39	39	-2	NE	1	m	0	50	39	b. bc	0.8	0.04			
	Biarritz	30.34	43	NNE	3	bc	30.43	+0.09	39	39	-2	NE	1	m	0	50	39	b. bc	0.8	0.04			
	Paris	30.34	35	E	1	f	30.42	+0.08	34	34	+3	SW	1	f	0	38	30	"	"	0.04			
	Belfort...	30.41	36	W	2	m	30.47	+0.06	25	24	-5	SSW	4	bc	0	46	25	"	"	0.04			
	Lyons	30.39	38	NW	1	0	30.47	+0.08	25	25	-7	E	1	f	0	46	24	"	"	0.04			
	Nice	30.31	44	Z	0	0	30.34	+0.03	40	34	-6	Z	0	0	0	54	37	"	"	0.04			
Perpignan	30.36	42	NW	1	0	30.37	+0.01	36	33	-3	NW	1	0	0	53	33	"	"	0.04				
Sanguinaire	30.31	52	E	2	m	30.34	+0.03	51	48	+3	E	2	m	0	61	48	"	"	0.04				

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

7 A.M. YESTERDAY.

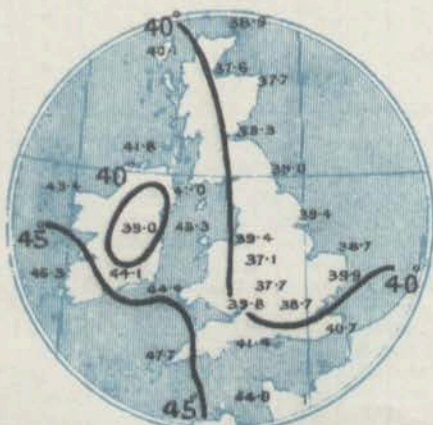


6 P.M. YESTERDAY



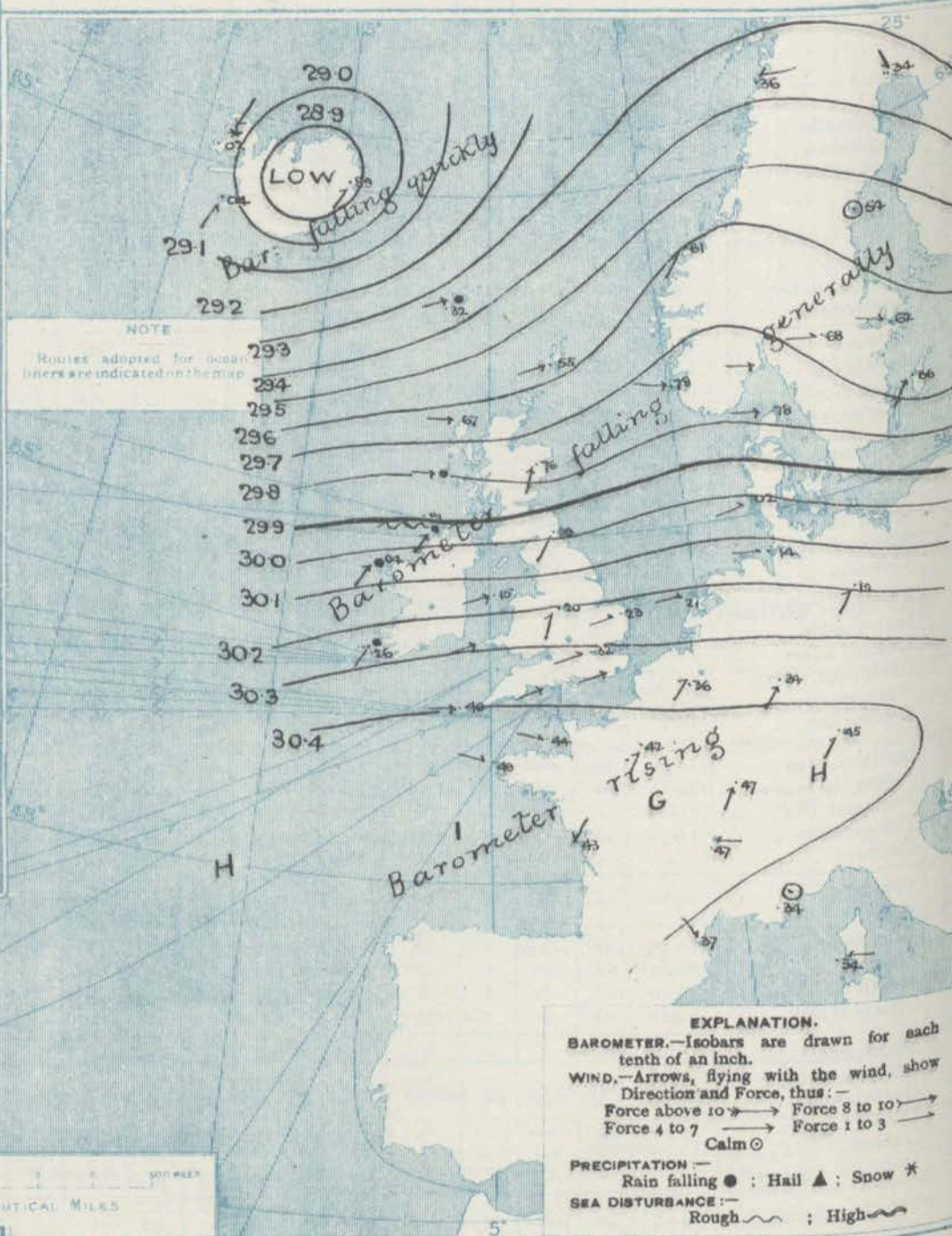
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.

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



Friday, WEATHER 23rd Dec^r

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A rapid decrease of barometric pressure has occurred in Ireland since yesterday morning, and the barometer in that region is now below 29.7 ins. The mercury is falling in almost all parts of the United Kingdom, but is still rising somewhat in France, where the readings are about 30.4 ins.

The wind has become westerly or south-westerly again over this country. It is light or moderate generally, but fresh on our extreme north-west coasts, and high at Lough In the north-west of Ireland a fresh N.E. breeze prevails. On the Continent the wind is mostly light or moderate, but at Wisby a gale from South-West is reported. Temperature has risen in all the western and northern parts of the Kingdom, fallen in the extreme south-east. The readings range from 50° in many parts of Ireland and Scotland to 35° at Great Yarmouth. In the south and south-east of England the weather is fair or fine, but rain has set in in Ireland and the Hebrides, and much cloud prevails in the west and north generally. On the Continent the conditions vary considerably from fair or fine and bright to overcast. A good deal of fog is reported in France, and also at Brussels and Antwerp.

CHARTS

23rd December 1910

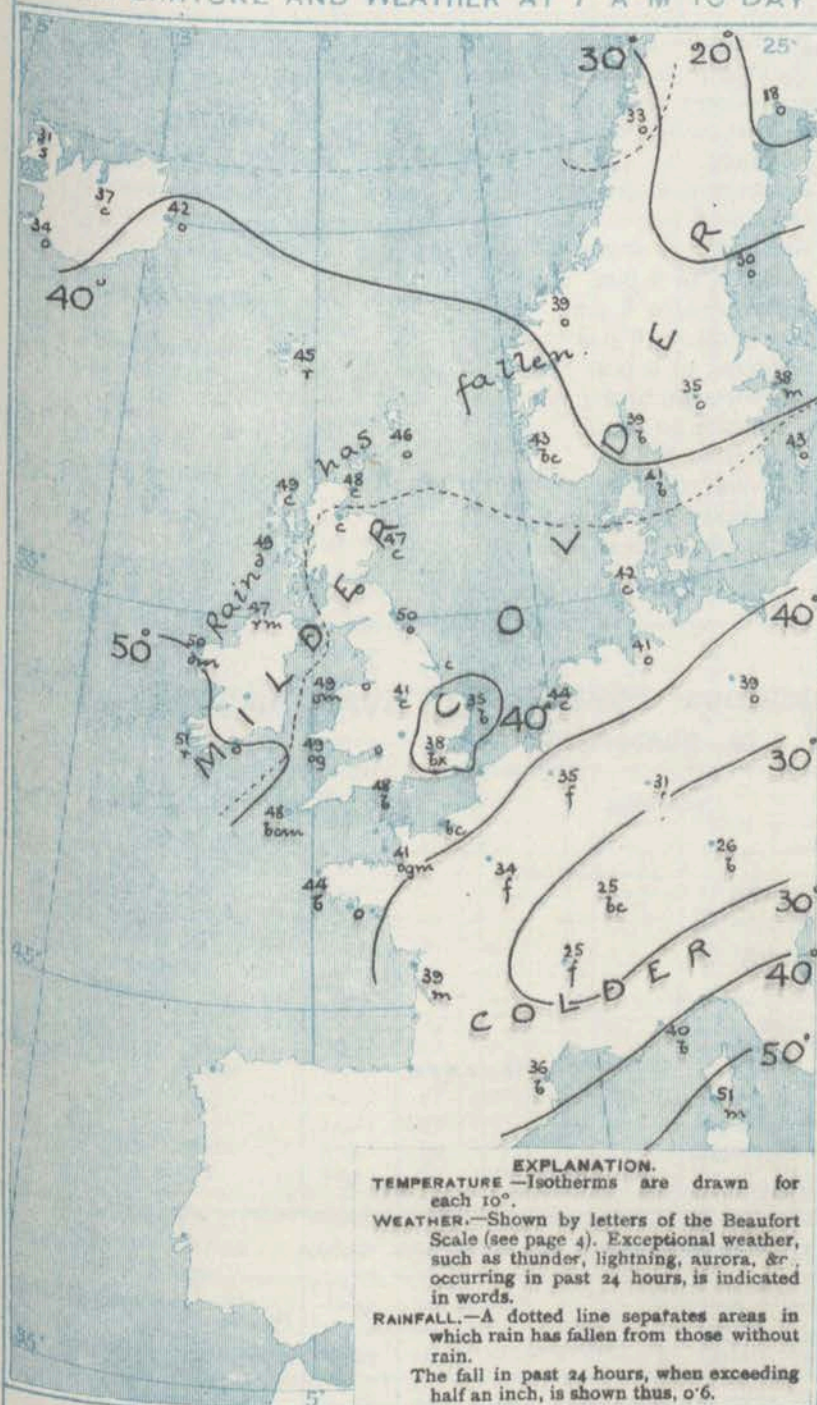
WEATHER

PROSPECTS

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

FORECASTS FOR THE 24 HOURS
NOON FRIDAY TO NOON SATURDAY.

THE FURTHER OUTLOOK



1 Wind between W. and S.W. or S., moderate to fresh or strong; much cloud, some rain; mild.

3 Wind between W. and S.W., light to moderate; fair or fine, then becoming very cloudy or dull, with some rain in places; temperature rising.

6 Same as Nos. 0 to 2.

8 Wind between W. and S.W. or S., moderate to fresh or strong; cloudy or overcast generally, some rain and mist; mild.

11 WESTERN CHANNEL AND BAY

W. to S.W. winds, moderate to fresh or strong; sea slight to rather rough; cloudy or dull, so a rain and mist.

NOTES ON YESTERDAY'S WEATHER

The maximum temperatures recorded yesterday were below 45° in several parts of England, while during the night the sheltered thermometer touched 31° at Bath. Slight rain has fallen in various parts of these islands, but during yesterday much bright sunshine was recorded — about 6 hours in several parts of England, and 4 hours at Aberdeen.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The relative positions of the high and low pressure systems will be favourable for a current of wind from the South-Westward over the United Kingdom generally.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

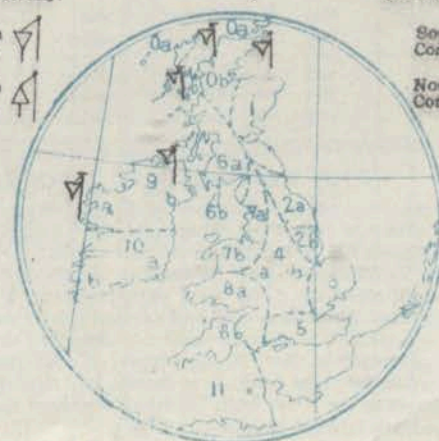
Signals hoisted this morning.

South
Cone.

North
Cone.

South
Cone.

North
Cone.



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m. ...	47	42	b.c. d	0.1	0.51	Brighton, to 6 p.m. ...	48	40	*	4.0	0.01
Dublin (City), to 4 p.m.						Seaford, to 6 p.m. ...	50	38		5.9	-
Blackpool, to 9 p.m. ...	46	43		5.0	-	Eastbourne, to 6 p.m. ...	50	39	*	6.0	-
Southport, to 9 p.m. ...	46			4.0		Bexhill-on-Sea, to 9 p.m.	50	42	b	5.9	-
Rhyl, to 6 p.m. ...	46	41		4.5	0.03	Hastings ...	*	*	*	7.1	-
Colwyn Bay, to 6 p.m.	47	42	b.c. b. bc	2.2	0.03	Folkestone, to 6 p.m. ...	51	42		6.5	-
Llandudno, to 9 p.m. ...				4.1		Deal, to 6 p.m. ...	49	39	b.c. b. bc	6.3	-
Bettws-y-Coed, to 6 p.m.					*	Ramsgate, to 6 p.m. ...	*	*	*	5.4	-
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	47	41		2.9	-
Aberystwyth, to 6 p.m. ...	48	44	*	4.3	-	Felixstowe, to 6 p.m. ...	43	37	*	3.0	-
Plymouth, to 9 p.m. ...				6.0	-	Lowestoft, to 6 p.m. ...	46	36	b.c. b	5.8	-
Paignton, to 6 p.m. ...	50	35		6.2	-	Skegness, to 6 p.m. ...	53	34	b	5.0	0.01
Torquay, to 6 p.m. ...	52	36	*			Scarborough, to 9 p.m.	49	38		4.0	-
Teignmouth, to 9 p.m. ...						Harrogate, to 6 p.m. ...	44	39	b. bc. c. b. bc	2.0	0.02
Weymouth, to 6 p.m. ...	48	36	x. bc	6.3	-	Buxton, to 6 p.m. ...					
Bournemouth, to 6 p.m. ...	48	31		6.3	0.10	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...	45	38	*	4.0	0.06	Manchester, to 9 p.m. ...					
Bognor, to 6 p.m. ...	47	32	b.c. b	5.5	0.08	Birmingham, to 9 p.m. ...					
Worthing, to 6 p.m. ...	48	38	b.c. b. c	4.5	0.01						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 22nd Dec. 1910	0	0		Ins.	Utrecht ... 22nd Dec. 1910	0	0		Ins.
Marseilles ...					Groningen ...				
Malta ...					Zurich ...	*	*		
Algiers ...					Geneva ...	*	*		
Tunis ...					Lugano ...	*	*		
Palermo ...					Berne ... 21st Dec. 1910	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m. 0.04
Naples ...					Coire ...	39	*	0	*
Brindisi ...					Castasegna ...	39	*	b	*
Rome ...					Davos ...	27	*	b.c.	*
Vienna ...									
St. Petersburg ...									

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
Holland { 21st Dec. 4.40 a.m.	0	0	Ins.				0	0	0			0	0	Ins.			
Philadelph { 21st - 4.40 a.m.	50N	12W	30.32	WNW	8.9	*	-	-	-								
Manzanera { 21st - 7.00 a.m.	50N	13W	30.32	NW	6.7	b.c.	-	-	-								
Philadelph { 21st - 4.40 a.m.	49N	30W	30.37	NW	6.7	-	-	-	-								
Philadelph { 21st - 7.00 a.m.	49N	28W	30.39	NW	4.5	c	-	-	-								
Philadelph { 21st - 3.00 p.m.	50N	24W	30.33	NW	6.7	-	-	-	-								
Philadelph { 21st - 6.00 p.m.	49N	23W	30.32	NW	6.7	0	-	-	-								
Philadelph { 22nd - 10.00 a.m.	16W	30.33	WNW	4.3	-	-	-	-	-								
Philadelph { 22nd - 1.00 p.m.	49N	14W	30.23	WSW	1.3	0	-	-	-								
Manzanera { 22nd - 10.00 a.m.	51N	13W	30.37	W	4.5	-	-	-	-								
Manzanera { 22nd - 1.00 p.m.	51N	11W	30.34	WNW	1.3	b.c.	-	-	-								
Philadelph { 21st - 3.00 p.m.	53N	27W	30.31	WSW	4.5	-	-	-	-								
Philadelph { 21st - 6.00 p.m.	53N	26W	30.28	WSW	4.5	0	-	-	-								
Philadelph { 22nd - 4.00 a.m.	54N	21W	30.11	SW	6.7	-	-	-	-								
Philadelph { 22nd - 7.00 a.m.	54N	19W	30.09	SW	6.7	*	-	-	-								
Philadelph { 22nd - 3.00 p.m.	54N	15W	30.05	WSW	6.7	*	-	-	-								
Philadelph { 22nd - 6.00 p.m.	55N	14W	30.05	WSW	6.7	*	-	-	-								

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,

LONDON, S.W.

W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday
24th December, 1910.

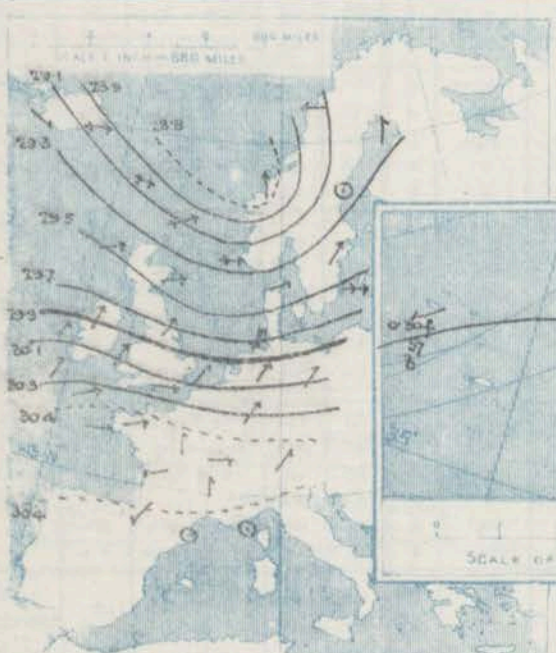
24th December, 1910.																					
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Run. shine.	Rainfall.		
				At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Dry Bulb.		Dir.	Force (0 to 12).	At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dir.	Force (0 to 12).				Max.	Min.
		Ins.	"				Ins.	Ins.	"	"	"				"	"					
SCANDINAVIA.	Haparanda...	29.15	5	S	2	f	28.81	-53	27	27	+9	S	4	3	*	27	0	*	0.04		
	Hernösand...	29.28	24	Z	0	bc	28.47	-107	32	31	+2	Z	0	0	*	34	25	*	0.39		
	Stockholm...	29.41	35	SW	4	o	28.67	-95	44	43	+6	W	6	0	*	44	32	*	0.20		
	Wisby...	29.54	41	W	8	o	28.84	-82	45	43	+2	SW	8	0	*	45	32	*	0.32		
	Karlstad...	29.27	39	SW	4	r	28.75	-93	43	39	+8	W	6	bc	*	*	*	0.12			
	Færder (X'lantia Fjord)	29.23	41	SSW	6	m	28.78	-93	42	39	+3	WSW	8	bc	*	42	39	*	0.08		
	Bodö...	29.07	34	E	2	m	28.60	-76	32	29	-1	E	4	b	2	34	32	*	-		
	Christiansund...	28.71	43	S	6	r	28.62	-99	38	36	-1	WSW	5	r	6	43	36	*	0.83		
	Skudesnaes...	29.20	47	W	8	r	28.99	-79	41	39	-2	WNW	9	c	6	47	37	f, r	0.47		
ICELAND & FAEROE.	Isafjord...	29.14	26	Z	0	c	29.51	+49	24	*	-7	N	2	c	*	*	*	*	*		
	Reykjavik...	29.21	32	NW	2	o	29.51	+47	30	*	-4	NW	3	b	*	*	*	*	*		
	Seydisfjord...	28.91	33	W	9	bc	29.19	+30	24	*	-18	W	9	o	*	*	*	*	*		
	Thorshavn...	28.95	41	WNW	9	o	29.06	-26	36	*	-9	NW	5	r	*	*	*	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.08	47	WSW	9	r	29.09	-46	42	42	-4	SW	6	o	6	52	40	r	0.40		
	Stornoway...	29.44	50	WSW	6	r	29.43	-24	43	41	-6	WNW	5	bc	5	52	43	odg. bcap	0.0		
	Castlebay (Barra Id.)	29.62	51	W	5	d	29.58	-22	46	44	-3	WNW	4	bc	4	51	43	8. r. bc	0.0		
	Malin Head	29.74	49	SW	6	qfe															
	Blacksod Pt.	29.94	51	SSW	5	df	29.86	-18	49	48	-1	SW	4	cm	3	52	47	df. dfq	0.15		
	Valencia...	30.16	52	SW	2	m	30.03	-23	50	50	-1	WSW	5	m	4	52	50	om. oom	0.0		
	Roche's Point	30.15	52	W	3	o	29.97	-30	51	50	+1	W	4	c	3	53	50	com. op. o.c	0.03		
	Birr Castle	30.01	52	W	6	r	29.86	-28	52	51	+2	W	7	otq	*	53	48	op. r	0.06		
	Donaghadee	29.84	54	SW	4	o	29.66	-39	51	51	+2	SW	5	r	4	54	42	op. oq	0.02		
	Liverpool Obsy...	29.95	52	WSW	4	r	29.71	-45	50	48	+4	WSW	6	o	5	56	46	bc. o. od	0.8		
	Holyhead...	29.98	51	SW	5	om	29.79	-36	51	51	+2	WSW	6	o	5	53	49	ogm. o. opqm	0.02		
	Pembroke	30.12	50	SW	7	o	29.90	-36	49	49	0	WSW	7	oq	7	51	48	og. oqpm	0.02		
	(St. Ann's Hd.)																				
	Scilly (St. Mary's)	30.31	50	WSW	5	ogpm	30.09	-31	50	50	+2	WSW	6	ogpm	5	51	?	gm. bc. qpm	1.2	0.03	
	Jersey (St. Aubin's)	30.40	49	WSW	4	ogpm	30.17	-27	49	47	+8	WSW	5	ogpm	4	51	41	bc. c. oq	3.8	0.01	
	Portland Bill	30.22	50	WSW	6	o	29.96	-38	51	50	+3	WSW	8	ogp	5	51	48	o. op	1.3	0.02	
	Dungeness...	30.14	50	WSW	6	c	29.82	-47	50	50	+8	WSW	7	r	6	52	41	bc. c. odg	2.0	0.05	
	Dover...	*	*	*	*	*	29.84	-50	50	50	+11	SW	7	o	6	50	39	b. bc. c. ar	3.9	0.02	
	Wick...	29.34	48	W	7	o	29.29	-38	42	41	-6	W	5	ru	3	54	38	-	*	0.42	
	Nairn...	29.46	53	WSW	3	c	29.39	-32	44	42	-6	W	3	bc	2	54	40	cq. cap	0.0	0.12	
	Aberdeen...	29.43	57	WSW	5	bc	29.36	-40	43	41	-4	WNW	5	b	2	57	43	c. oqpm. op. b	0.0	0.07	
	Leith...	29.59	53	WSW	4	o	29.47	-41	49	45	-1	WNW	4	b	*	55	49	o. odg. cap	*	0.03	
	North Shields	29.72	52	SW	4	c	29.48	-51	52	50	+2	WSW	4	c	2	55	47	c. r	?	0.01	
	Spurn Head	29.87	49	WSW	6	c	29.59	-53	51	50	+8	W	6	rq	5	54	43	c. c. q. opq	*	0.02	
Yarmouth...	30.03	47	SW	3	o	29.67	-56	53	50	+18	W	4	c	4	53	35	o. bcqpm	3.6	0.04		
Clacton-on-Sea...	30.13	47	SW	4	o	29.78	-51	51	50	+14	W	5	o	4	51	37	bc. c. op	4.1	0.03		
Nottingham	29.98	51	WSW	3	o	29.72	-48	53	52	+12	WSW	6	o	*	55	40	c. o. op	0.0	0.01		
Bath...	30.18	49	SW	2	o	29.87	-46	52	52	+11	NW	2	o	*	52	41	-	0.0	0.08		
Oxford...	30.10	50	WSW	7	o	29.84	-47	51	49	+10	WSW	7	oq	*	52	40	bc. oq. oq	*	-		
London (St. James's Pk)	30.17	49	W	5	oq	29.84	-48	52	50	+14	WSW	5	cq	*	52	38	o. oq. oq	0.4	-		
GERMANY, & C.	The Scaw (Skagen)	29.36	44	WSW	4	r	28.95	-83	44	43	+3	W	6	o	2	46	41	*	0.08		
	Fanö...	29.55	45	SW	8	r	29.20	-82	46	45	+4	W	7	r	*	46	41	*	0.12		
	Cuxhaven†...	29.95	42	SW	6	o	29.42	-72	47	48	+6	WSW	8	r	*	47	41	*	0.43		
	The Helder	29.99	46	SW	7	o	29.61	-60	48	46	+4	SW	7	r	3	48	44	*	0.12		
	Brussels...	*	*	*	*	*	29.95	-41	41	41	+6	SW	7	r	*	44	35	*	0.08		
	Berlin†...	30.08	38	SW	3	c	29.60	-59	39	42	0	SW	4	o	*	43	32	*	0.24		
FRANCE.	Frankfurt†...	30.28	32	SW	4	m	29.98	-36	37	43	+6	SW	6	o	*	37	32	*	-		
	Munich†...	30.41	30	SW	3	b	30.23	-22	27	74	+1	SW	3	b	*	39	25	*	-		
	C. Gris Nez	30.20	49	WSW	6	bc	29.91	-39	50	50	+5	WSW	7	r	7	50	45	*	0.16		
	La Hève	30.36	42	SW	4	o	30.13	-29	43	41	+1	SW	5	r	4	43	39	*	0.04		
	Brest...	30.44	49	W	3	c	30.26	-23	49	48	+5	WSW	4	o	3	49	44	*	-		
	Lorient...	30.43	46	W	1	b	30.29	-16	48	48	+4	WSW	4	o	3	54	45	*	-		
SPAIN & PORTUGAL.	Rochefort	30.45	36	ENE	3	m	30.36	-07	33	32	-6	ESE	2	m	*	50	32	*	-		
	Biarritz	30.40	46	NE	2	b	30.35		33	32		E	3	b	3	52	32	*	-		
	Paris...	30.40	37	S	3	o	30.23	-19	36	36	+2	SSW	4	o	*	38	33	*	-		
	Belfort...	30.47	24	W	4	m	30.38	-09	23	22	-2	W	4	m	*	34	22	*	-		
	Lyons...	30.46	28	S	1	m	30.42	-05	27	27	+2	WSW	1	m	*	36	25	*	-		
	Nice...	30.30	42	Z	0	b	30.24	-10	39	37	-1	Z	0	b	2	50	37	*	-		
PORTUGAL.	Perpignan	30.34	41	Z	0	b	30.29	-08	36	32	0	SW	1	b	*	58	32	*	-		
	Sanguinaire																				
	Corunna																				
PORTUGAL.	Lisbon	30.17	53	NNW	4	b	30.26	+12	49	47	-1	NNW	4	b	*	57	48	*	-		
	Gibraltar																				
	Azores (P. Delgada)																				
	" Horta	30.36	58	NE	4	c	30.30	-13	57	51	-1	ENE	5	b	3	61	57	*	-		
PORTUGAL.	Madeira (Funchal)																				

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

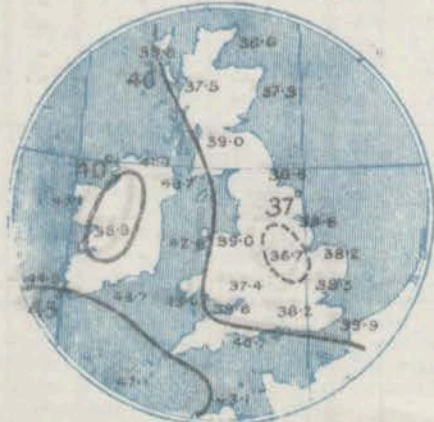
7 A.M. YESTERDAY



6 P.M. YESTERDAY

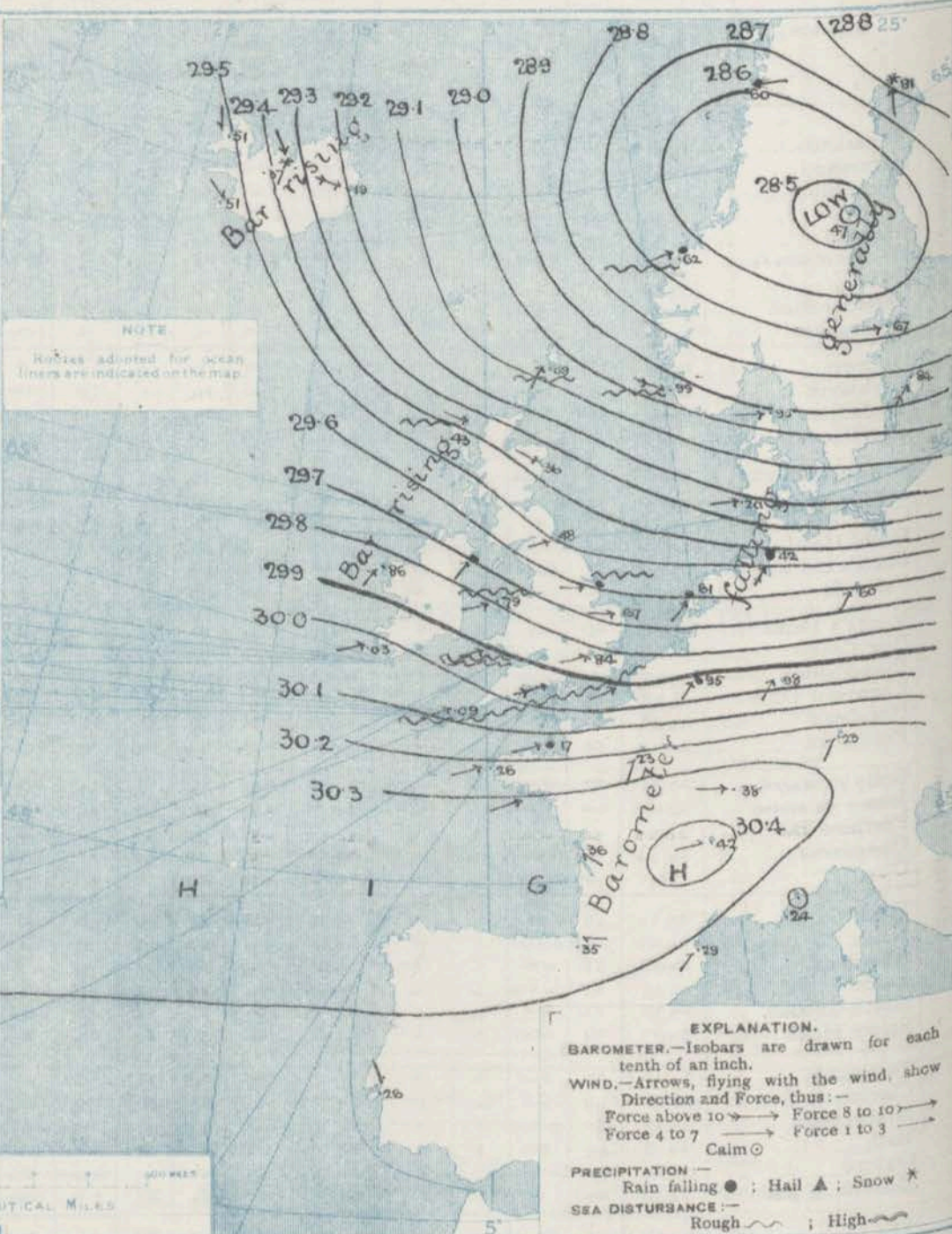


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Saturday, WEATHER 24th Dec

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large and deep cyclonic system has reached Scandinavia from the Westward, the barometer this morning being below 28.5 ins. at Helsingfors. Pressure has decreased over western Europe generally, but it is still above 30.3 ins. in an anticyclonic band extending from the Azores to the east of France. The gradient is steep or rather so over these islands, the North Sea, Denmark and Germany.

The W. current of wind prevailing over the United Kingdom is strong or high in several places and blows a gale at Portland Bill, while high winds or gales from between South West and West are reported from the Low Countries, North Germany and the south of Scandinavia, and moderate S.E. to E. winds in the extreme north of Sweden and Norway. In the Hebrides and at Sharnshaw the wind blows freshly from the N.W. and

Temperature has risen over England and the nearest regions of the Continent, fallen in Scotland. Over these islands it ranges from 52° or 53° in many parts of England to 47° in Caithness. The sky is very cloudy or quite overcast in almost all parts of the United Kingdom and at most stations on the Continent, with rain in several places, and snow in the north of Sweden. In the extreme south of France and at Munich the weather is fine and bright.

NOTICE:—The Daily Weather Reports for Monday and Tuesday next, Dec. 26th and 27th will be issued on Wednesday, Dec. 28th. The Report for tomorrow (Christmas Day) will be issued on Thursday, Dec. 29th.

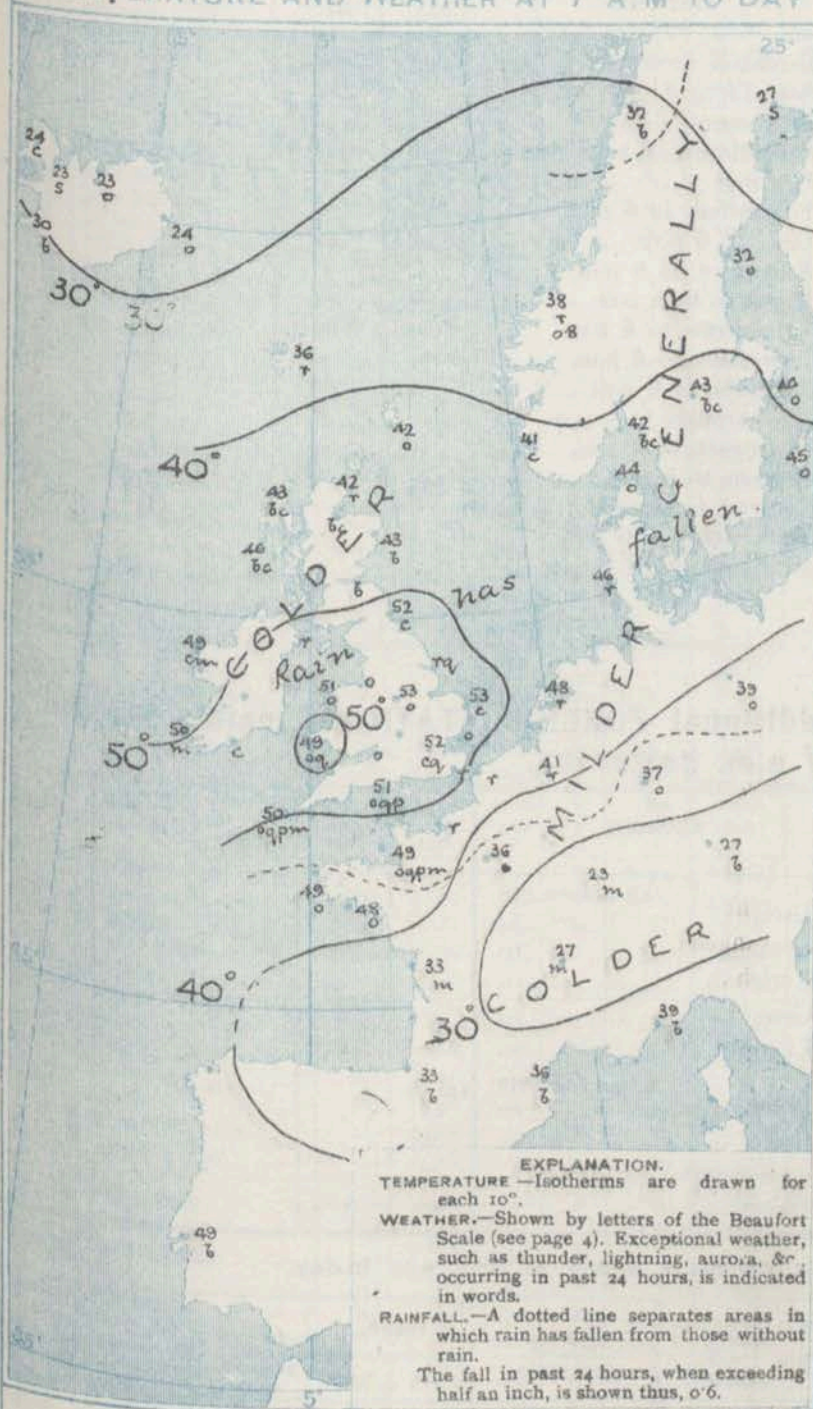
CHARTS

24th December, 1910.

WEATHER

PROSPECTS

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 57° at Aberdeen, to 56° at Liverpool, and to 55° in some other parts of the Kingdom, and the night was very mild generally. Rain has fallen at almost all our stations, the highest measurement reported being 0.4 inch in the extreme north of Scotland. More than 11 hours of bright sunshine were recorded at various places in the south-east and east of England, and more than 3 hours at some stations on the south coast; elsewhere there was little or none.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Some small secondary disturbances may be expected to travel across the United Kingdom from west or north-west, accompanied by squalls and showers in many places, but the main cyclonic system over Scandinavia will cease gradually to exercise any direct influence on these islands.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY

THE FURTHER OUTLOOK

Wind between W. and N.W., fresh or strong to moderate; squally, some rain, sleet locally; colder.

W. strong winds or gales, veering towards N.W. and moderating later; some squalls and showers, then fairer and colder.

Same as Nov. 0 & 1.

Strong to fresh or moderate winds between N.W. and S.W.; some squalls and showers, fair intervals; temperature falling somewhat.

Temperature

falling.

but remaining

above the

normal for

the time of

year.

II WESTERN CHANNEL AND BAY

Strong W. to N.W. winds, moderating later; sea rough to rather rough, some squalls and showers, then fairer and colder.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

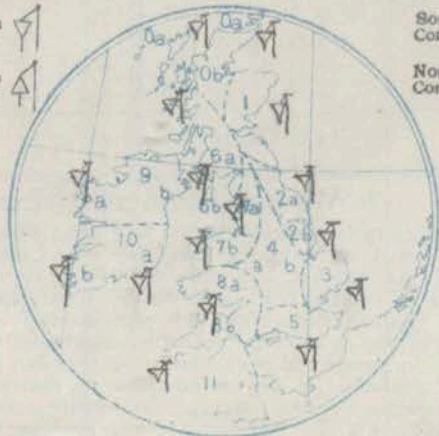
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.
	Max. °	Min. °					Max. °	Min. °			
Oban, to 6 p.m.	52	43	r. oz	0.0	0.11	Brighton, to 6 p.m.	48	36	#	1.0	-
Dublin (City), to 4 p.m.				*		Seaford, to 6 p.m.	49	36		1.0	-
Blackpool, to 9 p.m. ...	49	43		0.0	0.01	Eastbourne, to 6 p.m. ...	49	39	#	2.9	-
Southport, to 9 p.m. ...	50			0.0		Bexhill-on-Sea, to 9 p.m.	49	36		2.0	-
Rhyl, to 6 p.m.	53	37		0.5	0.01	Hastings	#	#	#	2.3	#
Colwyn Bay, to 6 p.m. ...	58	49	bc	0.0	0.03	Folkestone, to 6 p.m. ...	48	34		2.3	-
Llandudno, to 9 p.m. ...				0.0		Deal, to 6 p.m.	48	35		4.8	-
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m. ...	#	#	#	4.4	-
Towyn, to 6 p.m.						Margate, to 6 p.m.	48	35		3.5	0.01
Aberystwyth, to 6 p.m. ...	49	44	*	0.0	0.03	Felixstowe, to 6 p.m. ...	47	35	*	4.6	-
Plymouth, to 9 p.m. ...						Lowestoft, to 6 p.m. ...	47	34		4.1	-
Paignton, to 6 p.m. ...	50	36		2.0	-	Skegness, to 6 p.m.	49	35		1.5	-
Torquay, to 6 p.m.	51	37	*	2.2	-	Scarborough, to 9 p.m. ...	51	39		0.3	?
Teignmouth, to 9 p.m. ...						Harrogate, to 6 p.m. ...	51	39		0.0	0.03
Weymouth, to 6 p.m. ...	51	36	x bc. o. c	1.3	-	Buxton, to 6 p.m.					
Bournemouth, to 6 p.m. ...	50	32		2.6	-	Darwen, to 9 p.m.					
Southsea, to 6 p.m. ...	51	35	*	3.8	-	Manchester, to 9 p.m. ...					
Bognor, to 6 p.m.						Birmingham, to 9 p.m. ...					
Worthing, to 6 p.m. ...	49	33		1.6	-						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	MAX.	MIN.				MAX.	MIN.		
Malaga 1910	0	0		Ins.	Utrecht 1910	0	0		Ins.
Marseilles					Groningen				
Malta					Zurich	*	*		
Algiers... ..					Geneva	*	*		
Tunis					Lugano	*	*		
Palermo									
Naples... ..					Berne 1910	1.30 p.m.		1.30 p.m.	
Brindisi					Coire	28	*	f	
Rome					Castasegna	36	*	b	*
Vienna... ..					Davos	32	*	b	
St. Petersburg						27	x	b	

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Direc.	Force.		Air.		Sea			Lat.	Long.		Direc.	Force.	
							Dry Bulb.	Wet Bulb.									
	0	0	Ins.				0	0	0			0	0	Ins.			
<u>Mummouth</u> { 2nd Dec 3pm	50N	17W	30.34	S	6.7	-	-	-	-	-							
- 6pm	50N	17W	30.33	SSW	6.7	0	-	-	-	-							
<u>Oceanic</u> { 23rd - 11am	51N	14W	30.34	WSW	1.3	-	-	-	-	-							
- 7am	51N	16W	30.23	WSW	1.3	0	-	-	-	-							

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. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

* Information for these columns is not usually received.

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

Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.

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

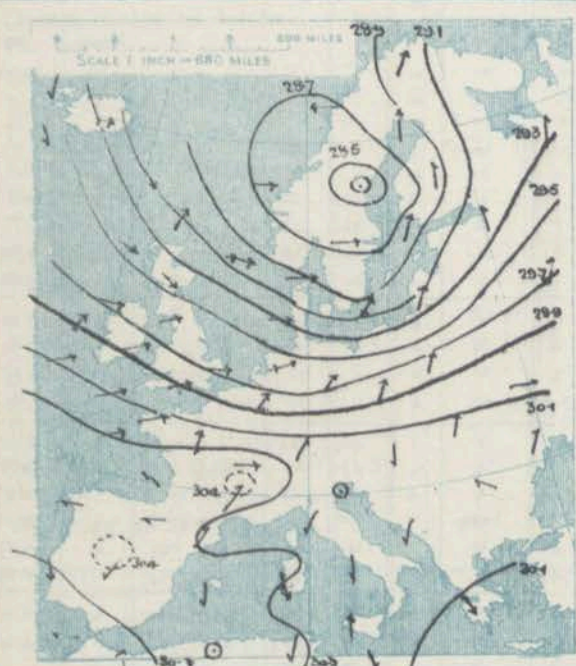
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday, 25th December, 1910.

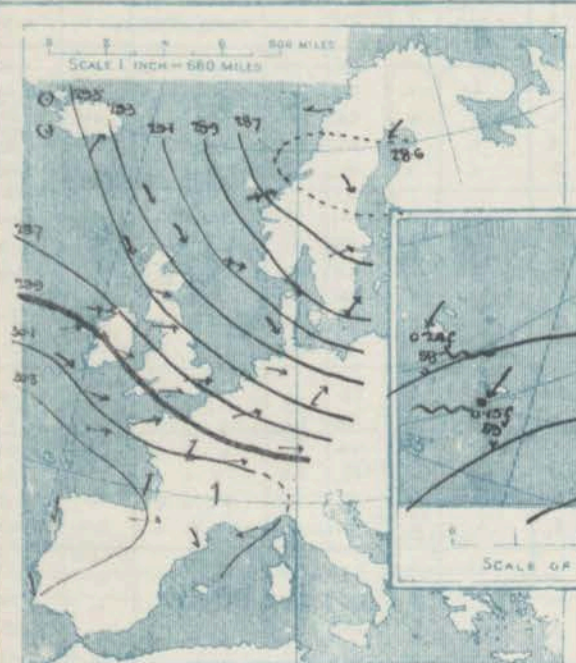
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temperature.			Wind.		Sea.	Temp.		Weather.	Sun.	Rainfall.			
				At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Dry Bulb.			Dir.	Force (0 to 12).	At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.		Wet Bulb.	Change since Yesterday.				Dir.	Force (0 to 12).	Max.	Min.
		In.	°	Dir.	Force (0 to 12).		In.	In.	°	°	°	Dir.	Force (0 to 12).		°	°		Hours.	In.		
SCANDINAVIA.	Haparanda...	28.61	26	NE	4	o	28.64	-17	23	23	-4	N	2	o	e	27	1	e	e	0.04	
	Hernösand...	28.54	29	NW	4	o	28.71	+24	25	24	-7	2	o	o	e	34	23	e	e	-	
	Stockholm...	28.67	36	WSW	4	o	28.76	+09	30	28	-14	W	2	bc	e	45	30	e	e	-	
	Wisby...	28.80	39	SW	8	b	28.80	-04	37	36	-8	W	6	bc	e	45	34	e	e	-	
	Karlstad...	28.77	33	WNW	2	b	28.82	+07	31	28	-12	2	o	bc	e	e	e	e	-		
	Færder (X'ania Fjord)	28.84	37	WSW	6	b	28.90	+12	38	34	-4	WSW	2	c	3	42	26	e	e	-	
	Bodö...	28.64	32	E	2	o	28.86	+26	27	24	-5	E	1	b	1	32	23	e	e	-	
	Christiansund...	28.65	35	WSW	9	s	28.95	+33	38	36	o	SW	5	r	6	41	28	e	e	0.87	
ICELAND & FAEROE.	Skudesnaes...	29.00	33	WNW	8	r	29.08	+09	39	38	-2	NNW	7	c	4	39	34	c. r	e	0.32	
	Isafjord...	29.58	21	2	o	c	29.45	-06	21	e	-3	NW	9	bc	e	e	e	e	e	-	
	Reykjavik...	29.60	29	2	o	bc	29.55	+04	29	e	-1	NW	4	b	e	e	e	e	e	-	
	Seydijord...	29.29	31	SW	5	bc	29.41	+22	24	e	o	NW	2	b	e	e	e	e	e	-	
BRITISH ISLANDS.	Thorshavn...	29.22	35	NW	6	c	29.33	+27	35	e	-1	NW	4	o	e	e	e	e	e	-	
	Sumburgh Head	29.14	38	NW	6	o	29.12	+03	40	39	-2	NNW	3	o	5	45	34	c. o	e	0.15	
	Stornoway...	29.53	29	NW	6	r	29.56	+13	41	39	-2	NW	4	c	4	43	37	bcq. cpq	e. b	0.18	
	Castlebay (Barra Id.)	29.66	43	WNW	4	cp	29.67	+09	43	42	-3	NW	4	c	4	46	40	bcq. bc. o	e. q	0.08	
	Malin Head...	29.73	45	W	8	bcq	29.69	+06	46	45	-2	WNW	7	bcq	6	48	41	bcq. bcq	e	0.11	
	Blacksol Pt. ...	29.95	45	WSW	4	nd	29.92	+06	45	42	-4	NW	3	bc	2	49	43	fd. bcq	e	0.12	
	Valencia...	30.09	48	NW	5	c	30.01	-02	50	46	o	W	4	o	4	52	46	cdm. c. cp	d. 7	0.04	
	Roche's Point...	30.03	47	NNW	4	b	29.96	-01	47	45	-4	W	3	o	3	53	45	cg. bcq. p. o	e	0.01	
	Birr Castle...	29.96	43	W	3	e	29.91	+05	41	39	-11	W	3	b	e	52	38	cp. b	2.0	0.01	
	Donaghadee...	29.79	44	WSW	3	b	29.72	+06	42	41	-9	WSW	3	b	2	51	41	bc. b	e	-	
	Liverpool Obsy...	29.79	45	WNW	6	bc	29.72	+01	44	41	-6	W	6	r	4	51	41	o. b. bc	3.2	0.08	
	Holyhead...	29.85	46	WNW	6	bcq	29.78	-01	45	42	-6	WNW	7	c	6	51	42	bc. bcq	e	-	
	Pembroke...	29.93	48	NW	5	bc	29.87	-03	46	45	-3	NW	5	ogq	5	51	45	opmq. bcq. r	1.4	0.03	
	(St. Ann's Hd.)																				
	Scilly (St. Mary's)	30.03	49	WNW	6	cmq	29.99	-10	49	47	-1	NW	7	opmq	5	52	46	mq. mq	0.0	0.03	
	Jersey (St. Aubins)	29.99	51	WSW	5	ogrm	29.94	-13	48	44	-1	W	6	og	4	52	48	ogrm. r. g. p	0.0	0.09	
Portland Bill	29.87	51	WNW	4	b	29.85	-11	48	46	-3	WNW	6	c	4	53	45	bc. cg	0.0	0.01		
Dungeness...	29.77	50	WSW	5	c	29.73	-09	43	42	-7	W	5	c	4	50	42	od. c	0.0	0.02		
Dover...	*	*	*	*	*	29.85	+01	41	40	-9	W	3	c	3	51	40	op. o. cg	0.0	0.03		
GERMANY, & C.	Wick...	29.26	39	NW	7	o	29.38	+09	38	36	-4	NW	5	urwp	3	43	36	-	e	0.10	
	Nairn...	29.51	40	W	4	o	29.49	+10	39	38	-5	W	1	bc	3	44	37	bcq. cpq	4.9	0.10	
	Aberdeen...	29.43	41	WNW	6	b	29.47	+11	40	38	-3	W	4	c	2	45	39	bcq. bcq	5.1	0.01	
	Leith...	29.54	43	WSW	5	b	29.55	+08	41	38	-3	W	4	b	e	50	40	bcq	e	-	
	North Shields	29.61	45	W	4	c	29.57	+09	40	39	-12	WSW	3	c	2	53	37	b. c	5.4	-	
	Spurn Head...	29.64	43	W	6	cg	29.58	-01	43	41	-8	W	6	cg	5	51	41	bcq. cg	e	-	
	Yarmouth...	29.67	46	W	3	b	29.62	-05	41	39	-12	W	3	c	3	53	39	cpq. bc	0.0	0.10	
	Clacton-on-Sea...	29.75	48	W	2	bc	29.70	-08	41	40	-10	WNW	3	bc	2	53	40	op. o. bcq	0.1	0.07	
Nottingham...	29.75	46	WNW	5	b	29.72	-00	44	42	-9	WNW	3	o	e	53	41	o. bc. b	0.1	0.01		
Bath...	29.87	48	W	2	m	29.82	-05	44	41	-8	2	o	bc	e	52	42	-	?	0.10		
Oxford...	29.84	45	W	4	b	29.81	-03	40	38	-11	WSW	2	b	e	52	40	ogq. o. bc. c	e	0.02		
London (St. James's Pk)	29.79	50	W	2	b	29.78	-06	43	41	-9	W	3	c	e	54	43	p. o. bc. o	0.0	0.02		
FRANCE.	The Scaw (Skagen)	28.90	40	NW	6	b	28.95	-00	39	37	-5	NW	5	b	2	45	36	e	e	-	
	Fanö...	29.28	39	NW	6	b	29.28	+08	40	39	-6	NW	4	c	e	46	37	e	e	0.04	
	Cuxhaven†...	29.41	44	WNW	4	b	29.38	-04	41	31	-6	WNW	5	bcq	e	48	41	e	e	0.28	
	The Helder...	29.61	46	W	3	b	29.53	-08	45	41	-3	W	5	c	3	50	43	e	e	0.04	
	Brussels...	*	*	*	*	*	29.69	-26	41	40	o	WNW	2	r	e	49	41	e	e	0.32	
	Berlin†...	29.41	46	SW	5	o	29.36	-24	41	32	+2	W	4	o	e	48	36	e	e	0.24	
	Frankfurt†...	29.73	40	WSW	4	r	29.62	-26	43	38	+6	SW	3	o	e	49	36	e	e	0.35	
	Munich†...	29.88	41	W	6	r	29.75	-14	37	100	+10	SW	6	o	e	45	28	e	e	0.20	
SPAIN & PORTUGAL & C.	C. Gris Nez...	29.78	50	WSW	6	bc	29.73	-18	45	43	-5	W	7	o	7	52	45	e	e	0.08	
	La Hève...	29.92	48	SW	7	f	29.86	-27	45	42	+2	W	5	o	6	48	41	e	e	0.08	
	Brest...	30.10	51	W	4	f	30.06	-20	50	48	+1	NW	4	c	3	52	46	e	e	0.04	
	Lorient...	30.10	50	W	5	f	30.02	-27	48	48	o	NW	4	o	4	52	46	e	e	0.04	
	Rochefort...	30.20	39	SSW	3	m	30.05	-31	50	46	+17	WNW	4	o	e	48	33	m	e	0.04	
	Biarritz...	30.31	45	W	2	o	30.20	-15	50	50	+17	SW	4	r	2	50	33	e	e	-	
	Paris...	29.97	45	SW	4	o	29.84	-39	45	43	+9	WSW	3	o	e	48	35	e	e	0.16	
	Belfort...	30.13	34	W	5	r	29.87	-51	38	37	+15	W	7	o	e	38	23	e	e	0.39	
	Lyons...	30.27	27	S	1	f	30.03	-29	35	35	+8	SE	1	r	e	37	27	e	e	0.08	
	Nice...	30.07	44	ENE	1	o	29.78	-46	38	37	-1	2	o	o	2	50	37	e	e	-	
PORTUGAL & C.	Perpignan...	30.20	53	NW	3	b	30.03	-26	50	44	+14	NW	6	o	e	62	45	e	e	-	
	Sanguinaire...																				
	Corunna...	30.34	52	N	3	b	30.34	-02	45	43	+6	ENE	1	o	2	57	39	e	e	-	
	Lisbon...	30.31	52	NNW	4	b	30.29	+03	48	46	-1	WNW	2	b	e	57	46	e	e	-	
PORTUGAL & C.	Gibraltar...	30.17	52	E	1	bc	30.14	-03	48	47	-1	E	1	b	e	e	e	e	e	-	
	Azores (P. Delgada)...	30.18	59	NE	5	bc	30.15	-07	59	54	+2	NE	6	r	5	61	55	e	e	0.04	
	" Horta...	30.26	60	NE	5	b	30.24	-06	58	56	+1	NE	5	o	5	61	57	e	e	0.04	
Madeira (Puncha)...	29.90	59	SSE	6	r	29.95	+04	63	59	+6	SSE	7	r	8	63	48	e	e	1.54		

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

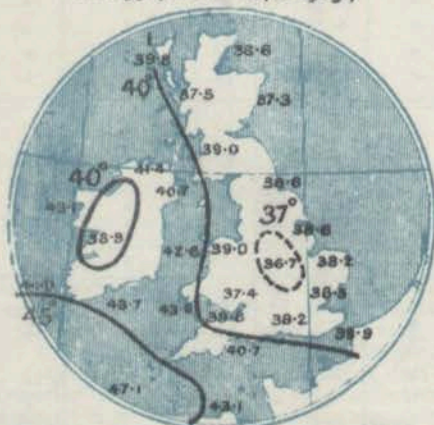
7 A.M. YESTERDAY.



6 P.M. YESTERDAY.

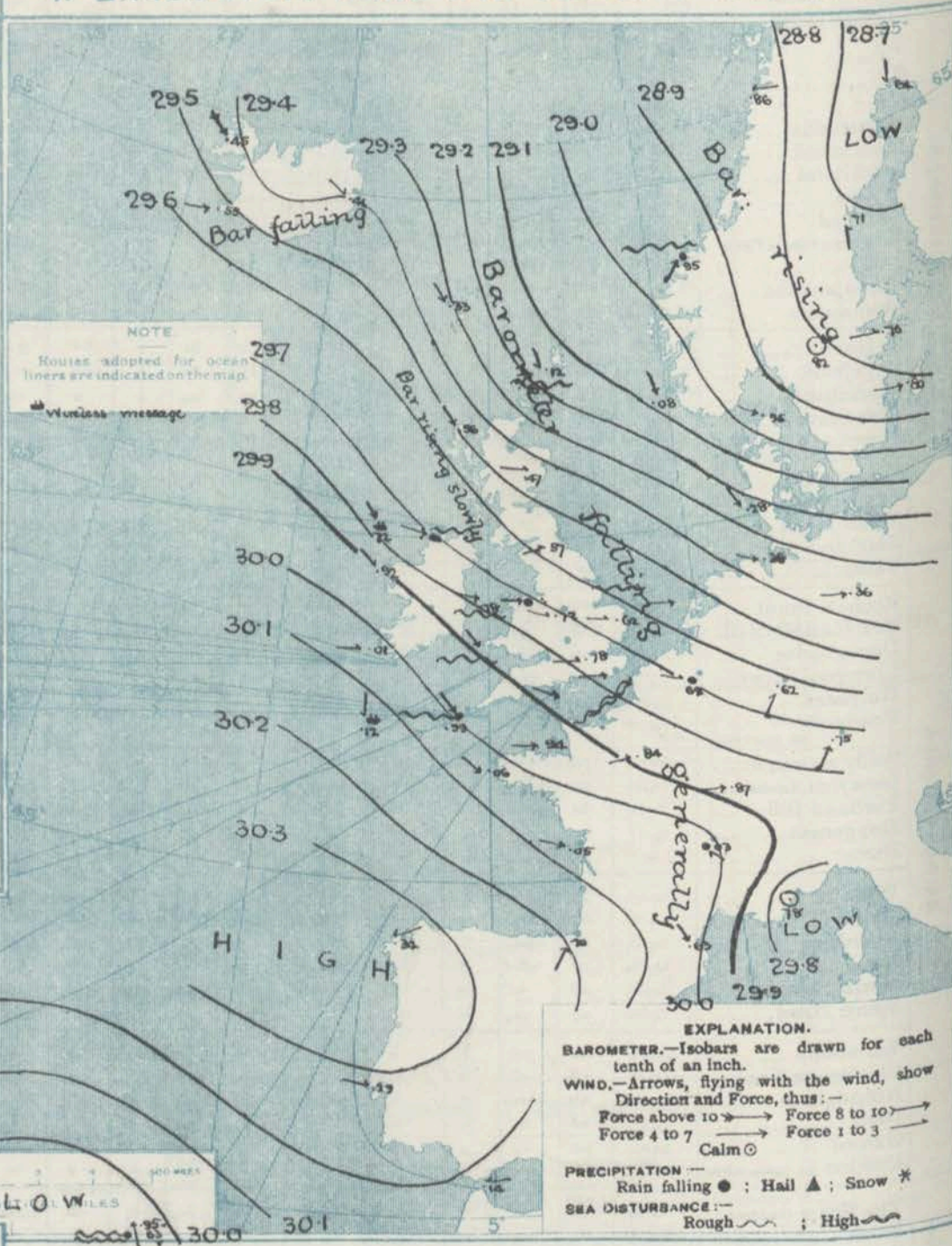


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Sunday, WEATHER 25th Decr

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The anticyclone recently noticed to the southward of our islands is withdrawing in a westerly direction and the barometer is now falling over western Europe generally. The lowest figures, 28.7 ins. and less, are found over the Gulf of Bothnia. The gradient is rather steep over the North Sea, but moderate elsewhere.

Westerly to Northerly breezes prevail generally, and are strong or high in force in many places. In Germany the wind draws into the South Westward. Temperature has fallen in these islands and over the northern parts of the Continent, but has risen in France and South Germany. On our south-west coasts the thermometer stands at, or a trifle below, 50°, but in all our more northern and eastern districts it is below 45°, and in the north of Scotland it is below 40°. The Continental values range from 50° and upwards in the west of France to 30° and less in Sweden and the north of Norway; sharp frost prevails in Iceland. The weather remains in a rather changeable condition generally, with rain or passing showers in several isolated places, and sleet at Wick. The sea is rough or rather rough on many parts of our own and the French coasts.

CHARTS 25th December 1910.

WEATHER PROSPECTS

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

FORECASTS FOR THE 24 HOURS
NOON SUNDAY TO NOON MONDAY

THE FURTHER OUTLOOK



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

None issued.

II WESTERN CHANNEL AND BAY

NOTES ON YESTERDAY'S WEATHER

During yesterday the temperature rose to above 50° in most parts of England and Ireland, but remained below 45° in some Scottish localities. Rain has fallen in nearly all districts in the United Kingdom and over a large area on the Continent, the measurements being slight in most places. Bright sunshine was very prevalent in the east of Scotland and at Harrogate, and more than 3½ hours were recorded at Valencia; over a large portion of England the day was sunless. According to wireless reports a moderate to fresh North-Westerly breeze, with fair to overcast weather was experienced as far west as Long. 15°.

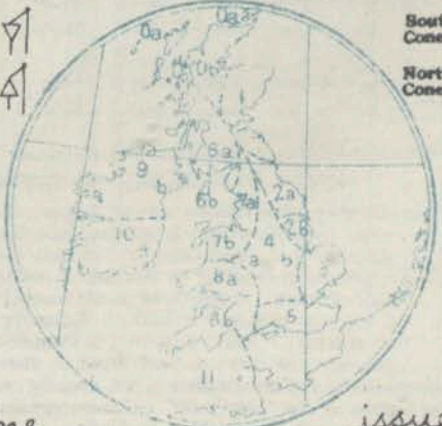
GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

FORECAST DISTRICTS.

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

Signals hoisted yesterday. Signals hoisted this morning.

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



None issued.

If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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. °			
Oban, to 6 p.m. ...						Brighton, to 6 p.m. ...					
Dublin (City), to 4 p.m. ...	52	46	ov. bc	2	0.06	Seaford, to 6 p.m. ...	50	48	ov. bc	0.0	0.10
Blackpool, to 9 p.m. ...	50	44	c	2.6	0.01	Eastbourne, to 6 p.m. ...			f		0.02
Southport, to 9 p.m. ...						Bexhill-on-Sea, to 9 p.m. ...	51		b	0.0	
Rhyl, to 6 p.m. ...	60	45	o. bc r	2.2	0.08	Hastings ...	51		f	0.0	0.07
Colwyn Bay, to 6 p.m. ...	52	46	op. o	1.0	0.18	Folkestone, to 6 p.m. ...	51	46	c. o	0.0	0.09
Llandudno, to 9 p.m. ...	55	45	ov. bc o	1.8	0.15	Deal, to 6 p.m. ...	53	47	op. c. d	0.0	0.02
Bettws-y-Coed, to 6 p.m. ...						Ramsgate, to 6 p.m. ...	5		f	0.0	0.17
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	53	45	o. r	0.0	0.10
Aberystwyth, to 6 p.m. ...	49	46	f	1.0	0.05	Felixstowe, to 6 p.m. ...	53	37	f	0.2	
Plymouth, to 9 p.m. ...	52	46	od. bc r	0.0	0.06	Lowestoft, to 6 p.m. ...					
Paignton, to 6 p.m. ...	53	43	c. d. c. b	0.0	0.02	Skegness, to 6 p.m. ...	53	43		1.8	0.04
Torquay, to 6 p.m. ...	53	45	f	0.9		Scarborough, to 9 p.m. ...	55	44	bc	4.0	0.23
Teignmouth, to 9 p.m. ...	55	39	q. b. p. c	0.9		Harrogate, to 6 p.m. ...	53	41	r. o. bc. b	4.8	0.49
Weymouth, to 6 p.m. ...	53	49	c. op	0.0	0.09	Buxton, to 6 p.m. ...	61	41	ov. c. bc	1.9	0.21
Bournemouth, to 6 p.m. ...	53	40	o	0.0	0.05	Darwen, to 9 p.m. ...	52	39	ov. bc	1.7	0.10
Southsea, to 6 p.m. ...			f			Manchester, to 9 p.m. ...	55	44	ov. c. bc	1.8	0.05
Bognor, to 6 p.m. ...	52	39	od. o. bc	0.0	0.02	Birmingham, to 9 p.m. ...	53	44	ov. o	0.3	
Worthing, to 6 p.m. ...	52	48	oe	0.0	0.09						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ...	61	46	c. bc		Utrecht ...	50	37	o. r	
Marseilles ...	60	28	b. b		Groningen ...	50	37	o. r	
Malta ...	57	51	b		Zurich ...			b. f	
Algiers ...	61	50	o. c		Geneva ...			o. o	
Tunis ...	63	45	o. o		Lugano ...			b. b	
Palermo ...	57	41	b. o		Berne ...	32		1.30 p.m.	
Naples ...	52	43	b. b		Coire ...	36		f	
Brindisi ...	53	45	b. o		Castasegna ...	41		b	
Rome ...	50	20	b. b		Davos ...	25		b	
Vienna ...	32	25	f. f						
St. Petersburg ...	34	30	s. o	0.04					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
Monmouth	0	0	Ins.				0	0	0		Caledonia	0	0	Ins.			
	Dec 23rd 4am	50N	19.4	WSW	4-5	-						Dec 23rd 3pm	54N	21W	29.94	WSW	4-5
	" 7am	50N	20.0	WSW	4-5	o						" 4pm	55N	13W	29.89	WSW	4-5
	" 3pm	50N	20.2	WSW	4-5	-						" 24th 4am	55N	15W	29.90	WNW	6-7
Minnehaha	0	0	Ins.				0	0	0		Arabic	0	0	Ins.			
	Dec 23rd 4am	43N	29.39	SW	4-5	-						Dec 24th 4am	51N	18W	30.17	WSW	4-5
	" 7am	43N	29.39	SW	4-5	c						" 7am	51N	16W	30.17	W	6-7
	" 3pm	43N	29.38	SW	4-5	-						" 3pm	51N	13W	30.15	WNW	4-5
Caledonia	0	0	Ins.				0	0	0		Arabic	0	0	Ins.			
	Dec 23rd 4am	43N	29.39	SW	4-5	-						" 6pm	51N	12W	30.14	NW	4-5

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

1910

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

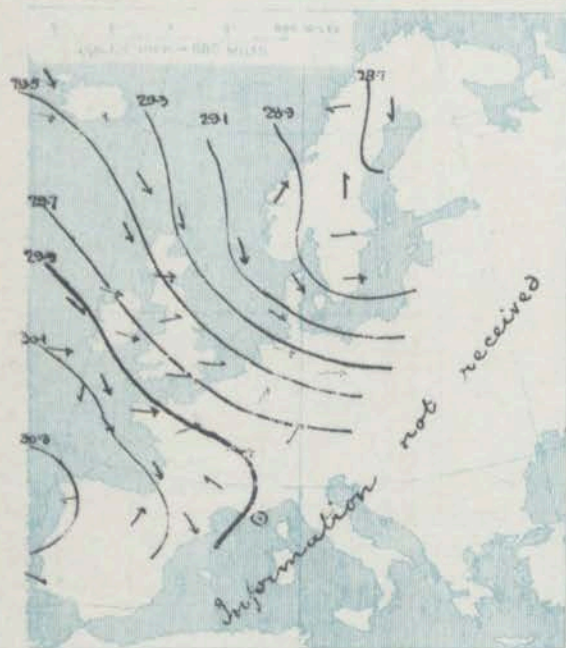
21st December 1910.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										LAST 24 HOURS.				
		BARON.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	Weather.	TEMP.		Weather.	Sun-shine.	Rainfall.
		At 29° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Change since Yesterday.	At 32° Fahr. and M.S.L. Lat. 45°			Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Max.	Min.							
																	Ins.	°			
SCANDINAVIA.	Haparanda...	28.85	17	N	4	b	28.93	+29	20	20	-3	N	4	0	*	27	10	*	*	0.04	
	Hernösand...	28.93	22	N	2	b	29.00	+29	19	18	-6	2	0	bc	*	30	19	*	*	-	
	Stockholm...	29.00	26	WNW	4	b	29.10	+34	25	23	-5	WNW	2	0	*	36	25	*	*	-	
	Wisby...	29.00	36	W	6	bc	29.08	+28	31	29	-6	2	0	bc	*	41	31	*	*	-	
	Karlstad...	29.05	26	2	0	b	29.13	+31	20	20	-11	WNW	2	0	b	*	*	*	*	-	
	Færder (X'lantia Fjord)	29.05	37	NNW	2	b	29.12	+22	31	29	-7	NNE	2	0	c	2	38	30	*	*	-
	Bodö...	28.98	31	N	4	c	29.10	+24	30	28	+3	N	4	5	2	37	23	*	*	-	
	Christiansund...	29.03	36	2	0	5	29.20	+25	33	31	-5	NE	1	bc	4	38	32	*	*	0.12	
ICELAND & FAEROE.	Skudesnaes...	29.15	37	NNW	4	c	29.12	+04	33	32	-6	2	0	f	3	41	32	*	*	0.04	
	Isafjord...	29.71	15	NW	4	b	29.79	+34	17	*	-4	NW	2	c	*	*	*	*	*	*	
	Reykjavik...	29.74	27	W	3	0	29.75	+20	27	*	-2	NW	1	bc	*	*	*	*	*	*	
	Seydisfjord...	29.48	24	SW	6	0	29.69	+28	20	*	-4	W	2	bc	*	*	*	*	*	*	
BRITISH ISLANDS.	Thorshavn...	29.34	32	2	0	c	29.47	+14	29	*	-6	N	3	c	*	*	*	*	*	*	
	Sumburgh Head...	29.22	40	NNW	7	5	29.26	+14	37	36	-3	N	7	0	6	45	34	r.s.o	*	0.14	
	Stornoway...	29.57	41	NW	6	bc	29.60	+04	38	33	-3	NNW	5	c	5	42	28	exp. exp. cp	0.4	0.15	
	Castlebay (Barra Id.)...	29.67	44	WNW	4	c	29.69	+02	41	40	-2	NW	3	0	4	46	38	cp. cp. o	1.3	0.07	
	Malin Head...	29.73	45	WSW	5	ogpp	29.74	+05	40	40	-5	WNW	6	0	5	46	40	bc. exp. ogp	*	0.03	
	Blacksod Pt....	29.94	47	W	5	ogm	29.93	+01	46	44	+1	NNW	5	0	4	47	43	opm. og. bcp	*	0.05	
	Valencia...	30.08	46	NW	3	c	30.03	+02	47	45	-3	NW	4	c	4	50	45	op. c. exp	2.0	0.11	
	Roche's Point...	30.03	45	NNW	3	c	29.98	+02	44	43	-3	NW	3	b	3	40	44	r.s. exp. bcp. b	*	0.05	
	Birr Castle...	29.94	43	W	5	c	29.90	-01	41	40	0	W	3	c	*	46	39	c	4.4	-	
	Donaghadee...	29.76	44	W	4	bc	29.73	+01	43	41	+1	W	4	c	3	46	41	bc. cm	*	-	
	Liverpool Obsy...	29.75	45	W	6	c	29.72	-00	40	38	-4	W	5	r	4	51	39	c. bc. b	2.2	0.08	
	Holyhead...	29.82	46	WNW	6	c	29.78	-00	44	42	-1	WNW	7	0	6	41	42	c	*	-	
	Pembroke (St. Ann's Hd.)...	29.91	46	NW	6	b	29.84	-03	45	42	-1	NW	6	bcq	5	48	44	ogpp. bcq. b	5.3	-	
	Scilly (St. Mary's)...	29.98	47	NW	6	bc. m	29.95	-04	48	46	-1	WNW	6	bc. expm	5	51	45	cpm. c. bc	2.5	0.10	
	Jersey (St. Aubins)...	29.91	47	WNW	4	3	29.85	-09	47	44	-1	W	3	ogp	3	50	45	c. b. exp	0.8	0.08	
	Portland Bill...	29.85	47	WNW	6	bc	29.77	-08	47	46	-1	WNW	5	c	5	49	46	bc. c	3.3	0.01	
	Dungeness...	29.71	41	WNW	3	c	29.68	-05	41	40	-2	W	4	c	3	42	37	c. b.	1.5	-	
Dover...	*	*	*	*	*	29.70	-05	39	38	-2	NNW	4	b	1	45	39	bc	2.4	-		
GERMANY, & C.	Wick...	29.41	39	NNW	5	c	29.43	+05	35	33	-3	N	3	bcsp	2	40	32	-	*	0.08	
	Nairn...	29.52	40	WNW	2	c	29.53	+04	37	33	-2	WNW	4	bc	2	43	35	bc. exp. exp. c	1.6	0.12	
	Aberdeen...	29.48	41	W	5	bc	29.43	-04	36	33	-4	WNW	7	c	3	42	35	bc. bc. exp	1.9	0.02	
	Leith...	29.58	42	W	3	c	29.57	+02	40	38	-1	W	3	c	4	45	39	bc. c. b	*	-	
	North Shields...	29.60	43	W	3	c	29.55	-02	39	36	-1	NW	3	c	2	45	36	-	5.7	-	
	Spurn Head...	29.68	43	W	5	c	29.55	-03	41	39	-2	W	6	c	5	44	39	bc. c. w	*	-	
	Yarmouth...	29.64	41	W	3	b	29.58	-04	39	36	-2	W	2	bc	3	45	39	c. b. bc. m	2.5	-	
	Clacton-on-Sea...	29.70	41	WNW	4	b	29.64	-06	39	38	-2	WNW	2	c	2	45	39	bc. b. bc. m	2.8	-	
	Nottingham...	29.73	45	WNW	4	c	29.68	-04	42	40	-2	WNW	4	0	*	46	41	o. c. exp. c. o	0.7	0.21	
	Bath...	29.83	43	2	0	bc	29.77	-05	43	41	-1	WNW	1	0	*	47	41	-	*	-	
FRANCE.	Oxford...	29.83	42	WSW	4	b	29.75	-06	40	37	0	W	2	0	*	46	39	b. c	*	-	
	London (St. James's Pl.)...	29.78	43	2	0	b	29.70	-08	40	39	-3	WSW	2	c	*	48	41	bc. b. bc	2.2	-	
	The Scaw (Skagen)...	29.06	38	NNW	2	b	29.06	+11	37	36	-2	E	2	0	0	41	36	*	*	-	
	Fanø...	29.27	39	NW	4	b	29.19	-09	37	35	-3	NW	4	bc	*	41	36	b. r	*	0.08	
	Cuxhaven†...	29.38	41	W	5	c	29.32	-06	40	40	-1	SW	3	0	*	43	37	*	*	0.08	
	The Heider...	29.56	43	WNW	5	c	29.47	-06	42	40	-3	NW	4	c	2	45	41	*	*	0.16	
	Brussels...	*	*	*	*	*	29.62	-07	41	40	0	WSW	3	0	*	44	37	*	*	0.20	
	Berlin†...	29.59	40	W	5	c	29.38	+02	39	85	-2	W	2	0	*	48	37	*	*	0.04	
SPAIN & PORTUGAL.	Frankfurt†...	29.62	40	SW	4	r	29.58	-04	39	83	-4	SW	1	0	*	43	39	*	*	0.04	
	Munich†...	29.75	34	W	4	c	29.71	-04	34	100	-3	SW	5	0	*	39	32	*	*	0.12	
	C. Gris Nez...	29.73	46	W	6	c	29.68	-05	44	43	-1	NNW	6	c	6	50	43	*	*	-	
	La Hève...	29.36	46	N	5	0	29.80	-06	45	44	0	N	5	c	5	46	41	*	*	0.04	
	Brest...	30.01	48	NW	4	0	29.98	-08	48	46	-2	NNW	4	0	3	50	46	*	*	-	
	Lorient...	29.97	48	NW	2	b	29.95	-07	47	46	-1	NW	4	0	2	52	45	*	*	0.08	
	Rochefort...	29.98	48	NNW	3	r	29.96	-09	48	48	-2	NNW	3	0	*	52	41	*	*	0.08	
	Maritz...	30.08	51	NW	4	r	30.01	-19	48	47	-2	NE	2	0	3	52	46	*	*	1.42	
PORTUGAL & AZORES.	Paris...	29.82	42	SW	2	0	29.79	-05	36	36	-9	SSW	2	c	*	48	34	*	*	-	
	Belfort...	29.83	36	W	6	r	29.82	-05	36	35	-2	W	3	0	*	39	34	*	*	0.16	
	Lyons...	29.92	41	WNW	1	r	29.90	-13	37	37	+2	WNW	1	0	*	44	35	*	*	0.32	
	Nice...	29.63	42	E	1	b	29.73	-05	42	37	+4	2	0	b	0	46	37	*	*	-	
	Perpignan...	29.89	55	NW	5	c	29.86	-17	48	44	-2	N	3	b	*	60	45	*	*	-	
	Sanguinaire...	29.81	49	W	6	0	29.70	-11	50	47	-2	NW	4	m	6	57	50	*	*	-	
	Corunna...	30.26	53	W	3	r	30.18	-16	52	50	+7	NNE	3	r	3	59	45	*	*	0.32	
	Lisbon...	30.22	52	WSW	2	0	30.07	-22	52	50	+4	NNW	3	0	*	57	48	*	*	-	
PORTUGAL & AZORES.	Gibraltar...	30.11	52	NW	4	b	29.99	-15	50	48	+2	W	4	bc	*	57	48	*	*	-	
	Azores (P. Delgada)...	30.15	59	ESE	5	b	30.19	+04	59	54	0	ESE	5	0	6	61	54	*	*	-	
	" Horta...	30.24	60	NE	5	b	30.23	+01	60	55	+2	NE	5	c	5	63	58	*	*	-	
	Madeira (Funchal)...	30.01	61	SSE	3	r	30.07	+12	61	57	-2	SSE	3	r	4	64	50	*	*	0.44	

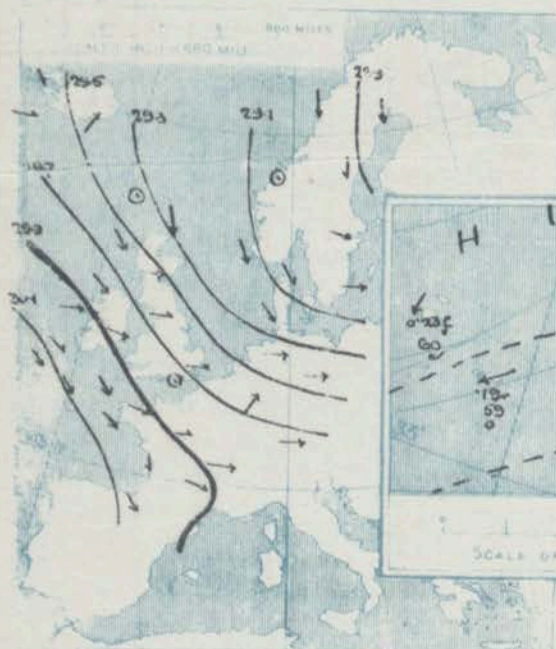
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

7 A.M. YESTERDAY

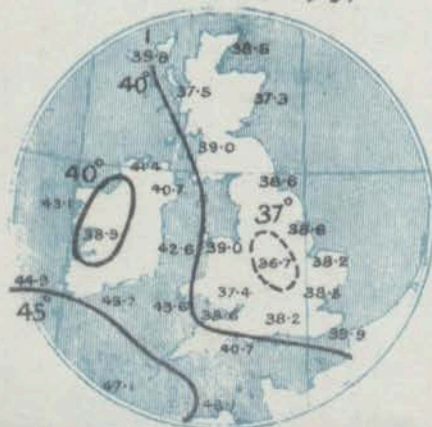


6 P.M. YESTERDAY



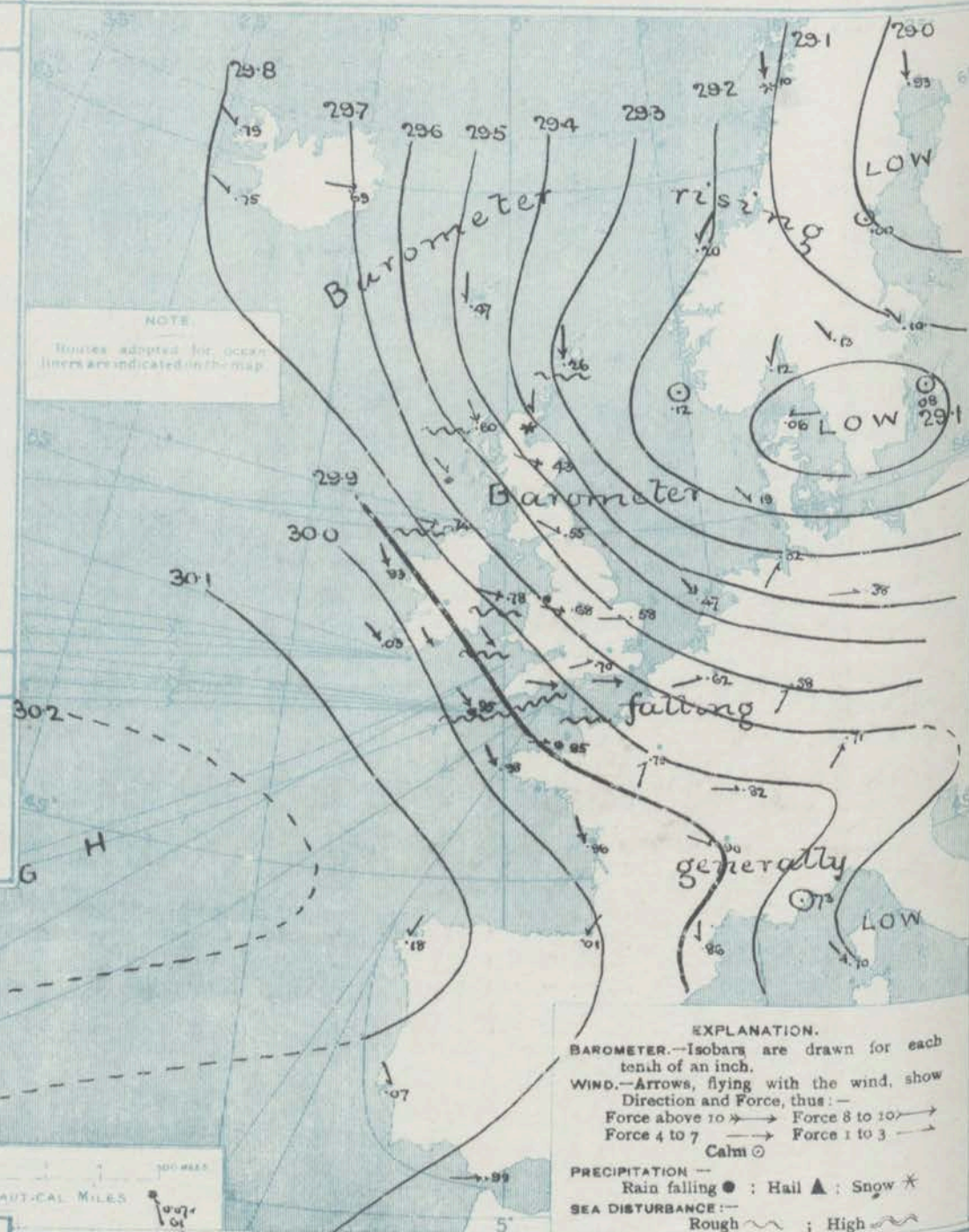
AVERAGES OF TEMPERATURE AT 8 A.M. FOR THE TWO-MONTHLY PERIOD DECEMBER - JANUARY.

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



Monday, WEATHER 26th Decr.

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 ☉

PRECIPITATION —

Rain falling ● ; Hail ▲ ; Snow *

SEA DISTURBANCE:—

Rough ~~~~ ; High ~~~~

NOTES ON THE GENERAL SITUATION AT 7 A.M.

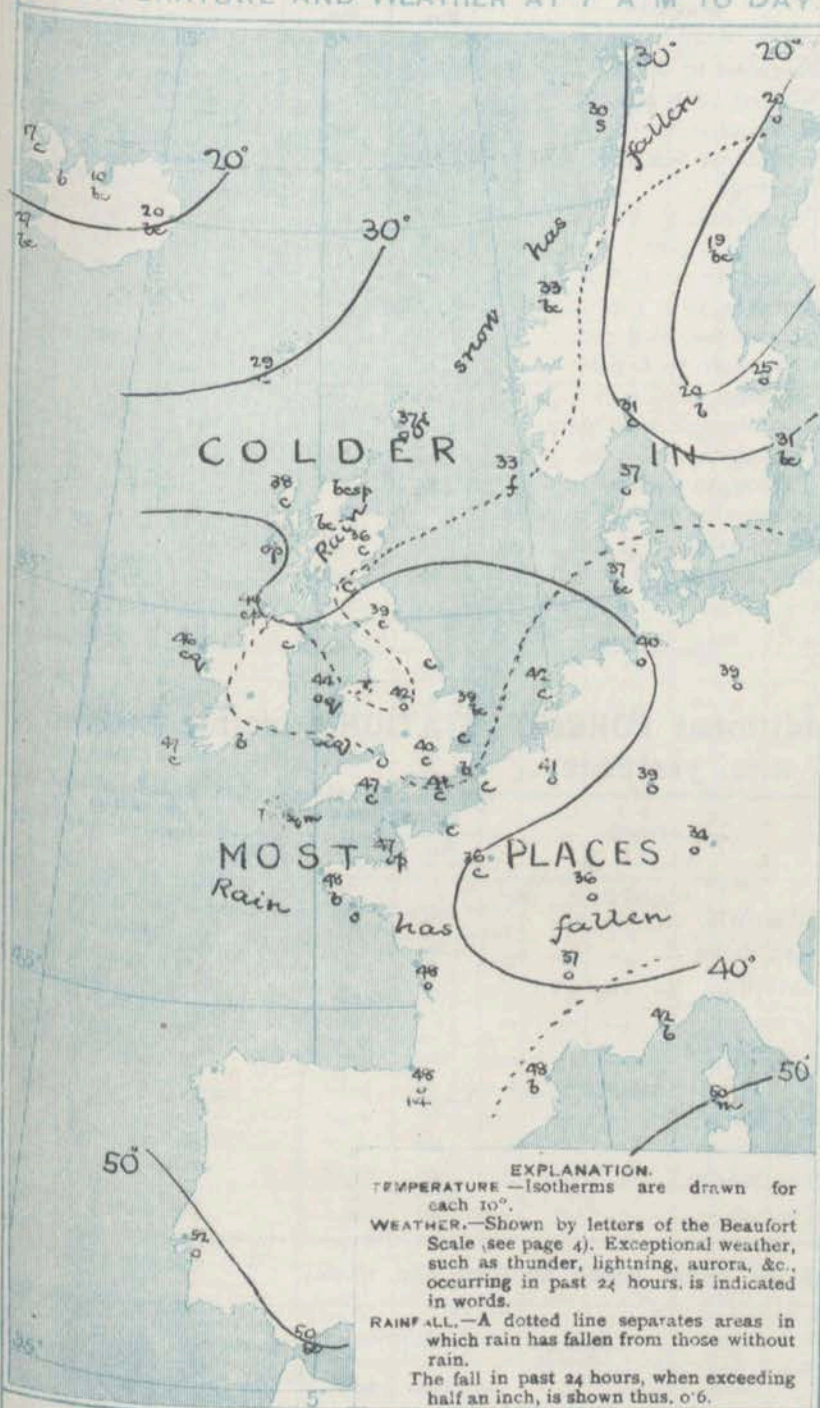
An anticyclonic system lies beyond our south western coast, the barometer standing above 30.3 ins at the Azores. In a deep depression over Finland the barometer is below 29 ins. There is a moderate north-westerly gradient across the British Isles and the North Sea.

Westerly to northerly winds prevail over nearly the whole of the region under observation, varying greatly in force, from a light breeze to a strong or high wind. Temperature has decreased nearly everywhere. At the home stations the values range from 35° at Wick to 48° at Seilly; on the western part of the Continent from 34° at Munich to 48° in the west end south of France; in Scandinavia from 19° at Hernösand to 33° at Christiana and Skutumpah; and in Iceland from 10° to 27°. The weather is fair or fine in a few isolated situations, but generally it is very cloudy or overcast, dull or gloomy with rain showers at several of our western stations, none at Wick and Dodo. The sea is rough or rather rough on several parts of our own and the French coasts.

CHARTS

26th December, 1910.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature exceeded 45° in most parts of the British Isles, and touched 50° or 51° in some localities. In the night the shade minimum was 32° at Wick and in Shetland. Showers fell in many districts. All stations report some bright sunshine, the records ranging up to 6 hours at Hastings and Beaulieu. As far west as the 15th meridian ships experienced light to strong S.W. winds, and fair to cloudy weather, with local mist.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

There are no indications of any material change in the distribution of atmospheric pressure, and the S.W. type of conditions is expected to continue throughout the ensuing 24 hours.

WEATHER PROSPECTS

FORECASTS FOR THE 24 HOURS
 NOON MONDAY TO NOON TUESDAY

THE FURTHER OUTLOOK

Wind between W. and N.W.,
 varying in force, fresh to strong
 or high locally; gusty.
 Changeable, some showers, sleet
 or snow in places, fair
 intervals; rather colder.

II WESTERN CHANNEL AND BAY

W. and N.W. winds, light to strong
 or high; sea moderate to rough; squally,
 changeable, some rain and mist, fair
 intervals; colder.

FORECAST DISTRICTS.

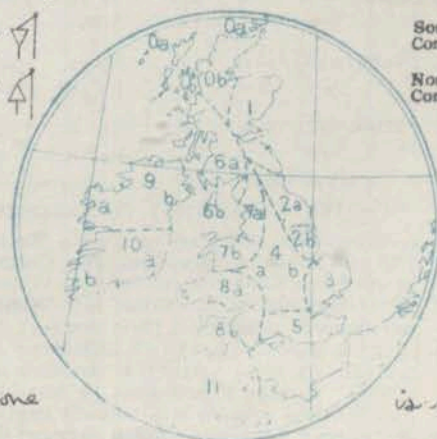
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South
 Cone.
 North
 Cone.

South
 Cone.
 North
 Cone.



Done

is met

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.			
Oban, to 6 p.m. ...	48	40	b, r, g	0.5	0.18	Brighton, to 6 p.m. ...	48	43	b, c, c	3.3	-
Dublin (City), to 4 p.m.	45	40	b, p, b, c	*	0.01	Seaford, to 6 p.m. ...	49	41	r	4.9	-
Blackpool, to 9 p.m. ...	45	43	c, r	2.7	0.03	Eastbourne, to 6 p.m. ...	50	41	b	6.0	-
Southport, to 9 p.m. ...	46	44	c, b, c	2.7	0.02	Bexhill-on-Sea, to 9 p.m.	*	*	*	6.1	-
Rhyl, to 6 p.m. ...	47	43	c, b, r	0.5	0.03	Hastings ...	51	41	b	4.1	-
Colwyn Bay, to 6 p.m. ...	48	42	c, o	0.3	0.03	Folkestone, to 6 p.m. ...	46	41	c, b, c, b	2.0	0.05
Llandudno, to 9 p.m. ...	47	43	b, p, c	0.8	0.06	Deal, to 6 p.m. ...	*	*	*	1.6	-
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m. ...	46	41	o	0.3	-
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	47	45	r	0.2	0.11	Felixstowe, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	50	45	c, b, c	4.0	0.01	Lowestoft, to 6 p.m. ...					
Paignton, to 6 p.m. ...	49	43	c, b, c	3.2	-	Skegness, to 6 p.m. ...	46	40		4.0	-
Torquay, to 6 p.m. ...	50	44	*	4.4	-	Scarborough, to 9 p.m. ...	51	41	b, c	5.5	-
Teignmouth, to 9 p.m. ...	50	44	c, b	3.1	-	Harrogate, to 6 p.m. ...	44	39	b, b, c, b	4.4	-
Weymouth, to 6 p.m. ...	49	43		3.3	-	Buxton, to 6 p.m. ...					
Bournemouth, to 6 p.m. ...	48	42	c, c, b, c, b	3.8	-	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...	48	43	*	3.8	-	Manchester, to 9 p.m. ...	46	43	c, o, p	0.0	0.32
Bognor, to 6 p.m. ...	48	42	c, b, c, b	3.5	-	Birmingham, to 9 p.m. ...	49	40	c, o	0.4	0.01
Worthing, to 6 p.m. ...	47	41	c	3.9	-						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 25 Dec. 1910	64	41	b, b	Ins.	Utrecht ... 25 Dec. 1910	52	43	b, o	0.45
Marseilles ...	50	37	b, b, c	-	Groningen ...	50	41	b, c, o	0.12
Malta ...	59	31	b, c	-	Zurich ...	*	*	r, o	0.39
Algiers ...	63	54	b, c	-	Geneva ...	*	*	o, r	0.08
Tunis ...	63	43	b, c	-	Lugano ...	*	*	o, b	-
Palermo ...	57	49	b, c	-	Berne ... 25 Dec. 1910	30	20	m	Measured 7.30 a.m.
Naples ...	51	44	o, o	-	Coire ...	36	*	b	*
Brindisi ...	54	35	c, b	-	Castasegna ...	37	*	b	*
Rome ...	48	33	b, o	-	Davos ...	27	*	b	-
Vienna ...	45	25	r, r	0.08					
St. Petersburg ...	36	34	o, c	0.12					

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

Ship and Hour of Observation	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Direc.	Force.		Air.		Sea			Lat.	Long.		Direc.	Force.	
							Dry Bulb.	Wet Bulb.									
	0	0	Ins.				0	0	0			0	0	Ins.			
Minnehaha.	24 Dec 3pm	49N. 15W.	30.32	W	4-5	-	C. de la.	25 Dec 3pm	51N. 11W.	30.10	WNW	4-5	0
	- 6pm	49N. 14W.	30.31	WNW	4-5	bc	.	.	.	.	- 6pm	51N. 13W.	30.14	WNW	4-5	.
	- 7am	49N. 10W.	30.19	NW	1-3	.	.	.	.	.						.
	- 7am	49N. 9W.	30.12	N	1-3	m	Lapland.	25 Dec 3pm	49N. 7W.	30.00	NW	6-7	bc
Furnessia.	25 Dec 4am	55N. 8W.	29.66	NW	6-7	.	.	.	.	.	- 6pm	50N. 8W.	30.03	NW	4-5	.
	- 7am	55N. 9W.	29.72	NW	6-7	bc	.	.	.	.						.
Monmouth.	24 Dec 4am	50N. 24W.	30.29	W	6-7	.	.	.	.	.						.
	- 7am	50N. 25W.	30.32	W	6-7	bc	.	.	.	.						.
Oceanic.	24 Dec 4am	50N. 27W.	30.28	WSW	1-3	.	.	.	.	.						.
	- 7am	50N. 28W.	30.28	WSW	1-3	0	.	.	.	.						.
Campania.	25 Dec 3pm	51N. 10W.	30.15	NW	6-7	.	.	.	.	.						.
	- 6pm	51N. 12W.	30.19	NW	6-7	c	.	.	.	.						.

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:-

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday
27th December, 1910.

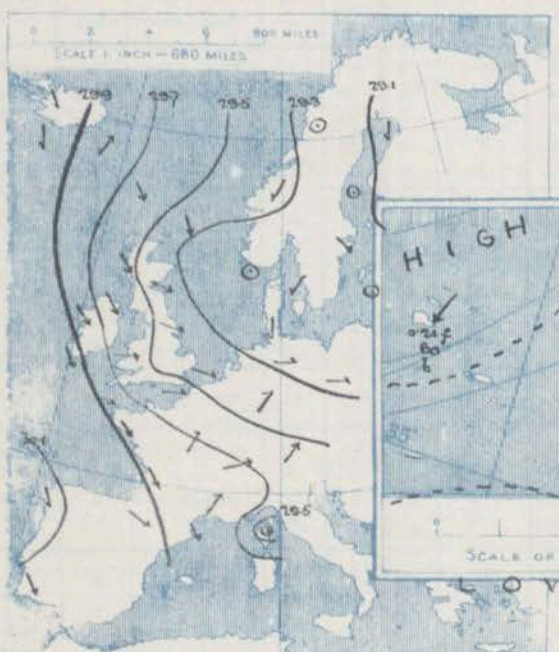
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.					
		Barom.	Temp.	Wind.		Weather.	At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind.	Force (0 to 13).	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.		
				Dir.	Force (0 to 13).											Max.	Min.					
SCANDINAVIA.																					Hours.	Ins.
Haparanda...	29.04	14	N	2	b	29.21	+1.28	18	18	-2	NNW	2	0	2	21	12	*	*	-			
Hernösand...	29.15	17	N	0	c	29.38	+1.38	18	17	-1	NW	2	6	2	25	12	*	*	-			
Stockholm...	29.21	22	NW	2	b	29.36	+1.26	23	23	-2	NNW	2	6	2	27	19	*	*	-			
Wisby...	29.44	29	N	0	b	29.26	+1.18	31	29	0	NE	4	bc	2	36	28	*	*	-			
Karlstad...	29.26	18	N	2	b	29.45	+1.32	21	21	-2	N	2	6	2	31	27	*	*	-			
Færder (X'ania Fjord)	29.26	28	NE	2	b	29.47	+1.35	28	26	-3	N	4	6	2	31	27	*	*	-			
Bodö...	29.19	25	N	0	b	29.11	+1.01	25	23	-6	E	4	6	2	30	23	*	*	-			
Christiansund...	29.36	32	NE	1	bc	29.68	+1.35	31	30	-2	W	1	6	4	32	28	*	*	0.63			
Skudesnaes...	29.23	34	N	0	b	29.54	+1.42	28	28	-5	N	2	6	2	34	28	*	*	-			
ICELAND & FAEROE.																						
Isafjord...	29.95	22	NW	3	0	29.78	-0.01	22	*	+5	N	0	6	2	*	*	*	*	*			
Reykjavik...	29.92	24	N	3	0	29.81	+1.06	23	*	-4	E	5	6	2	*	*	*	*	*			
Seydisfjord...	29.80	21	SW	6	bc	29.43	+1.24	24	*	+4	N	0	6	2	*	*	*	*	*			
Thorshavn...	29.68	29	NW	4	0	29.86	+1.39	31	*	+2	N	0	6	2	*	*	*	*	*			
BRITISH ISLANDS.																						
Sumburgh Head	29.50	34	NNW	6	0	29.67	+1.41	35	34	-2	N	4	0	4	36	32	0	*	0.22			
Stornoway...	29.57	37	NW	3	bc	29.68	+1.28	34	34	-4	NW	4	5	4	38	33	0	*	0.11			
Castlebay (Barra Id.)	29.61	39	NW	3	bc	29.91	+1.22	37	36	-4	NNE	3	6	3	45	34	0	*	0.41			
Malin Head...	29.56	43	NW	6	bc	29.87	+1.13	39	39	-1	NW	5	6	5	46	37	0	*	0.31			
Blacksod Pt. ...	29.78	48	WNW	6	bc	30.02	+1.09	44	41	-2	WNW	5	6	4	48	41	0	*	0.12			
Valencia...	29.43	49	NW	5	0	30.02	-0.01	47	43	0	NNW	5	6	5	50	45	0	*	0.07			
Roche's Point...	29.83	48	NW	5	bc	29.97	-0.01	42	40	-2	N	3	6	2	48	42	0	*	0.01			
Birr Castle...	29.75	46	WSW	6	bc	29.97	+1.07	37	36	-4	NNW	3	6	2	47	35	0	*	0.02			
Donaghadee...	29.58	45	WNW	3	bc	29.84	+1.11	40	37	-3	NNW	3	6	3	46	37	0	*	0.05			
Liverpool Obsy...	29.47	45	W	6	0	29.73	+1.01	37	36	-3	NNW	5	6	4	47	36	0	*	0.31			
Holyhead...	29.59	47	W	7	bc	29.77	-0.01	42	41	-2	NW	7	6	5	47	39	0	*	0.20			
Pembroke (St. Ann's Hd.)	29.69	46	WNW	6	bc	29.79	-0.05	41	38	-4	NNW	6	6	5	49	40	0	*	0.04			
Scilly (St. Mary's)	29.87	48	WNW	6	bc	29.83	-0.12	47	45	-1	NNW	9	6	6	49	43	0	*	0.02			
Jersey (St. Aubins)	29.71	47	WNW	4	bc	29.70	-0.15	44	39	-3	NW	4	6	3	50	43	0	*	0.04			
Portland Bill...	29.66	47	WNW	6	0	29.69	-0.08	40	38	-7	NNW	3	6	3	46	37	0	*	0.01			
Dungeness...	29.57	48	SW	4	0	29.52	-0.16	34	33	-7	NW	3	6	4	43	33	0	*	0.14			
Dover...	*	*	*	*	*	29.58	-0.17	33	32	-6	NNW	7	6	2	42	33	0	*	0.13			
Wick...	29.44	32	N	3	bc	29.76	+1.33	33	33	-2	N	3	6	2	35	31	0	*	0.10			
Nairn...	29.50	35	W	2	0	29.77	+1.24	32	32	-5	W	1	6	1	38	32	0	*	0.02			
Aberdeen...	29.44	33	WNW	4	bc	29.72	+1.29	33	32	-3	WNW	5	6	2	36	32	0	*	0.08			
Leith...	29.48	37	W	2	0	29.76	+1.19	36	30	-4	NW	4	6	4	41	36	0	*	0.04			
North Shields	29.44	35	WNW	2	bc	29.65	+1.10	32	31	-7	WNW	3	6	3	41	30	0	*	0.04			
Spurn Head...	29.45	36	WNW	7	bc	29.51	-0.04	35	33	-6	WNW	7	6	6	42	33	0	*	0.05			
Yarmouth...	29.49	37	WNW	3	bc	29.45	-0.13	35	35	-4	NW	3	6	4	43	33	0	*	0.22			
Clacton-on-Sea	29.54	39	WNW	2	bc	29.52	-0.12	39	37	0	WNW	4	6	3	43	34	0	*	0.21			
Nottingham...	29.48	40	W	4	bc	29.65	-0.03	34	32	-8	NNW	5	6	4	44	33	0	*	0.14			
Bath...	29.75	40	N	0	0	29.69	-0.08	37	36	-6	W	1	6	4	46	36	0	*	0.08			
Oxford...	29.51	42	NW	5	0	29.71	-0.04	33	31	-7	NW	5	6	4	44	33	0	*	0.03			
London (St. James's Pt.)	29.60	42	W	2	0	29.60	-0.10	35	32	-5	NNW	3	6	4	44	35	0	*	0.17			
GERMANY, & C.																						
The Scaw (Skagen)	29.22	32	NE	2	bc	29.42	+1.36	30	28	-7	ENE	3	6	0	37	30	0	*	0.04			
Fanö...	29.21	32	N	2	bc	29.41	+1.22	31	30	-6	N	2	6	0	39	28	0	*	0.20			
Cuxhaven†...	29.21	37	W	3	bc	29.32	-0.00	36	35	-4	NNE	2	6	0	40	34	0	*	0.08			
The Helder...	29.34	37	N	2	bc	29.36	-0.11	38	36	-4	N	2	6	0	43	37	0	*	0.32			
Brussels...	*	*	*	*	*	29.37	-0.25	32	32	-9	NW	1	6	0	43	32	0	*	0.04			
Berlin†...	29.26	38	W	3	bc	29.30	-0.08	35	34	-4	W	3	6	0	41	34	0	*	0.43			
Frankfurt†...	29.41	37	SW	3	0	29.26	-0.32	33	30	-6	SE	2	6	0	41	33	0	*	0.12			
Munich†...	29.56	34	SW	5	0	29.47	-0.24	32	30	-2	SW	4	6	0	36	30	0	*	0.12			
FRANCE.																						
C. Gris Nez...	29.58	44	WNW	6	bc	29.47	-0.21	39	37	-5	NNW	7	6	7	45	39	0	*	0.12			
La Hève...	29.70	46	NNW	5	0	29.62	-0.18	39	37	-6	N	6	6	6	45	36	0	*	0.16			
Brest...	29.92	47	NW	5	bc	29.81	-0.17	49	45	+1	NNW	6	6	3	50	43	0	*	0.12			
Lorient...	29.85	49	NNW	4	bc	29.77	-0.18	46	46	-1	NNW	4	6	3	50	46	0	*	0.24			
Rochefort...	29.85	48	NW	4	0	29.69	-0.27	49	46	+1	NNW	5	6	4	50	43	0	*	0.35			
Biarritz...	29.96	47	WNW	5	bc	29.85	-0.16	51	50	+3	W	6	6	4	52	46	0	*	0.23			
Paris...	29.68	40	NW	4	bc	29.45	-0.34	38	36	+2	NNW	5	6	4	44	36	0	*	0.14			
Belfort...	29.69	36	WSW	5	bc	29.42	-0.40	30	33	-2	SSW	5	6	4	37	30	0	*	0.12			
Lyons...	29.80	39	SW	1	0	29.44	-0.46	36	35	-1	S	2	6	4	42	35	0	*	0.12			
Nice...	29.57	43	N	0	bc	29.45	-0.38	42	35	0	E	5	6	3	55	39	0	*	0.12			
Perpignan...	29.84	47	NW	4	0	29.71	-0.15	47	43	-1	NW	3	6	4	60	44	0	*	0.12			
Sanguinaire...	29.73	50	W	3	bc	29.68	-0.02	50	48	0	NW	6	6	4	55	48	0	*	0.12			
SPAIN & PORTUGAL.																						
Corunna...	30.15	52	NNW	3	0	30.18	0.00	50	48	-2	NW	3	6	1	57	46	0	*	0.20			
Lisbon...	30.06	51	NW	6	bc	30.08	+0.01	49	46	-3	NW	4	6	1	57	48	0	*	0.20			
Gibraltar...	29.96	50	NW	4	bc	29.93	-0.06	48	45	-2	NW	4	6	1	57	48	0	*	0.20			
Azores (P. Delgada)	30.23	57	NE	3	bc	30.22	+0.03	58	54	-4	E	4	6	5	63	56	0	*	0.20			
" Horta...	30.23	60	NE	5	bc	30.21	-0.02	60	54	0	NE	4	6	4	63	59	0	*	0.20			
Madeira (Punchat)	30.13	59	SE	2	bc	30.14	+0.07	57	54	-4	SE	2	6	4	66	48	0					

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

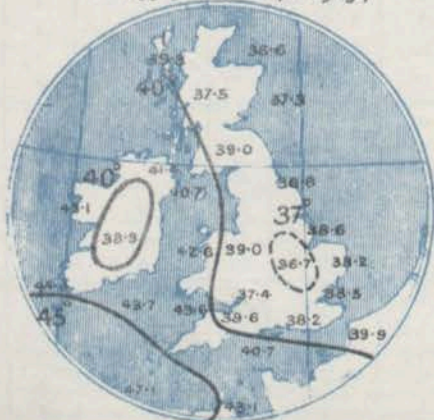
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



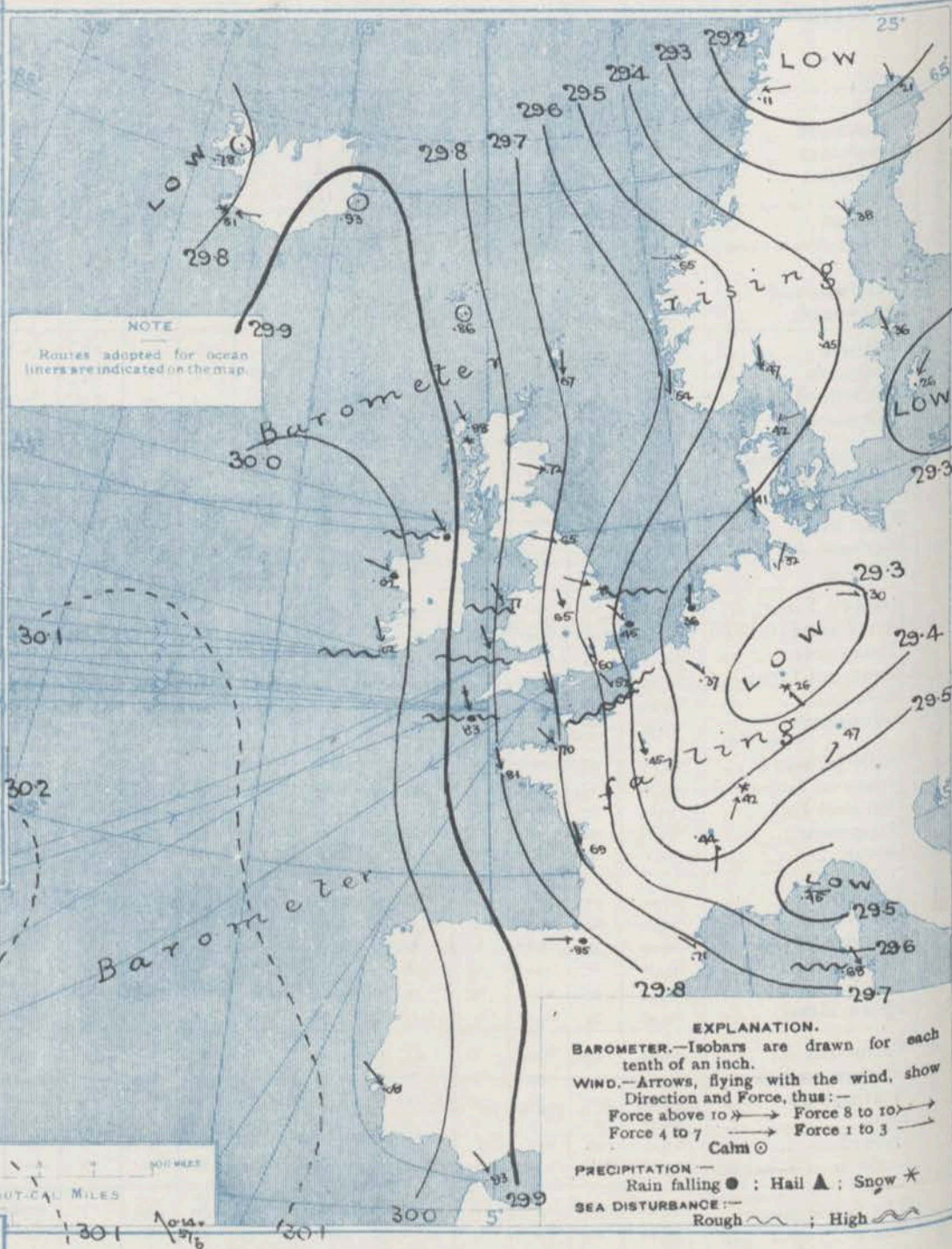
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Wednesday.

WEATHER 27th Decr

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure still occupies the Atlantic region with the barometer above 30.2 ins. at the Azores. On the Continent depressions are found over western Germany, the Baltic and northern Scandinavia, with the barometer at about 29.2 ins. The gradient is very variable, but becoming rather steep over eastern England.

North-westerly to northerly winds prevail over the greater part of the region under observation, varying in force from a light or gentle breeze to a strong or high wind, a gale at Scilly. Temperature has decreased in most regions. At the home stations the values range from 32° at Nain and Shields to 47° at Valencia and Scilly; on the Continent from 32° at Brussels and Munich to 51° at Biarritz; in Scandinavia from 18° at Haparanda and Herra and to 31° at Christiansund and Nisby; and in Iceland from 16° to 24°. The weather is rather variable, fine and clear in numerous localities dull in others with rain or snow showers at various home and foreign stations. The sea is rather rough to high on some parts of our own and the Continental coasts.

CHARTS

27th December, 1910.

WEATHER

PROSPECTS.

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

FORECASTS FOR THE 24 HOURS
NOON Tuesday TO NOON Wednesday

THE FURTHER OUTLOOK



N.W. and N.E. winds, strong to a gale in places, moderating later; squally, changeable, sleet or snow showers, fair to fine intervals; cold, frost in night.

II WESTERN CHANNEL AND BAY

N.W. winds, strong to a gale; sea rough or high; squally, changeable, cold showers, fair or fine intervals.

NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to between 48° and 50° at several of our south-western stations, but in Scotland the maxima were generally below 40°, as low as 35° at Wick. Slight frost occurred in several neighbourhoods in the night. Rain, hail, sleet or snow fell in all districts, but no large amounts are reported, as a rule there was no bright sunshine, but Torquay had an hour, and Scilly had 2 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Pressure is now increasing over the British Isles, falling over France and the Rhineland, and with the steepening of the gradient an increase in the northerly wind is probable all over the country.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

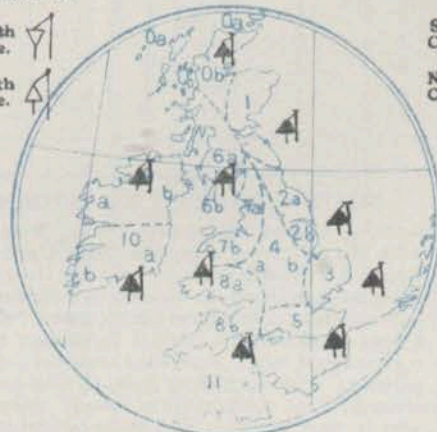
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.
	Max. °	Min. °					Max. °	Min. °			
Oban, to 6 p.m. ...	45	36	o.g. bc. c	0.0	0.07	Brighton, to 6 p.m. ...			*		
Dublin (City), to 4 p.m.						Seaford, to 6 p.m. ...	45	40	o	0.0	
Blackpool, to 9 p.m. ...	46	40	o. or. o	0.0	0.27	Eastbourne, to 6 p.m. ...	44	40	*	0.0	
Southport, to 9 p.m. ...	45	40	or	0.0	0.18	Bexhill-on-Sea, to 9 p.m.	43	38	o. d	0.0	
Rhyl, to 6 p.m. ...						Hastings ...	*	*	*	0.0	
Colwyn Bay, to 6 p.m. ...	46	42	d. o. p	0.0	0.10	Folkestone, to 6 p.m. ...	42	38	o	0.0	
Llandudno, to 9 p.m. ...	47	43	o. d. p. o	0.0	0.07	Deal, to 6 p.m. ...	43	40	om. bc. b	0.0	
Bettws-y-Coed, to 6 p.m.					*	Ramsgate, to 6 p.m. ...	*	*	*	0.0	
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	43	41	o. b	0.0	
Aberystwyth, to 6 p.m. ...	47	42	*	0.0	0.10	Felixstowe, to 6 p.m. ...	42	39	*	0.5	
Plymouth, to 9 p.m. ...	47	43	o. bc	0.3	0.05	Lowestoft, to 6 p.m. ...	42	36	bc. c	0.1	
Paignton, to 6 p.m. ...						Skegness, to 6 p.m. ...	41	36		0.2	
Torquay, to 6 p.m. ...	48	43	*	1.1	0.03	Scarborough, to 9 p.m.	?	38	o. c. oq	0.5	
Teignmouth, to 9 p.m. ...	47	44	cp. c	0.7	0.03	Harrogate, to 6 p.m. ...	41	35	bc. o. c. or	0.0	0.07
Weymouth, to 6 p.m. ...	47	42	c	0.0	-	Buxton, to 6 p.m. ...					
Bournemouth, to 6 p.m. ...	45	41	o	0.0	-	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...	45	41	*	0.0	-	Manchester, to 9 p.m.					
Bognor, to 6 p.m. ...	44	38	o. c	0.0	-	Birmingham, to 9 p.m.	42	38	r. p. r	0.0	0.17
Worthing, to 6 p.m. ...	44	36	o	0.0	-						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 26th Dec. 1910	63	48	b. bc	Ins.	Utrecht ... 26th Dec. 1910	46	39	r. o	0.12
Marseilles ...	52	41	b. b	-	Groningen ...	45	36	o. o	0.08
Malta ...	60	55	r	-	Zurich ...	*	*	o. o	0.16
Algiers ...	63	50	o. r	-	Geneva ...	*	*	o. o	0.04
Tunis ...	63	48	bc. bc	-	Lugano ...	*	*	b. b	-
Palermo ...	59	52	b. c	-	Berne ... 25th Dec. 1910	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Naples ...	52	48	r. o	0.24	Coire ...	*			*
Brindisi ...	57	36	b. r	-	Castasegna ...	*			
Rome ...	52	41	b. o	-	Davos ...	*			
Vienna ...	46	39	o. o	0.04					
St. Petersburg ...	?	30	s. s	-					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
	o	o	Ins.				o	o	o			o	o	Ins.			

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. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
28th December, 1910.

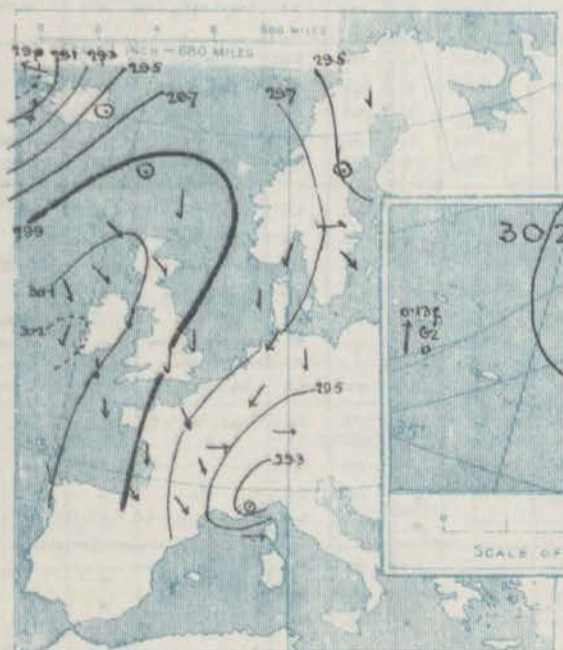
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 19).	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.	
																Max.	Min.				
Ina.		Ina.	Ina.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	
SCANDINAVIA.	Haparanda...	29.48	18	N	2	0	29.71	+0.50	6	6	-12	N	2	0	19	7.6					
	Hernösand...	29.47	12	2	0	0	29.76	+0.38	19	18	+1	NE	6	0	21	10			0.04		
	Stockholm...	29.65	19	W	2	0	29.75	+0.39	23	22	0	W	4	0	25	19					
	Wisby...	29.54	32	NW	4	0	29.78	+0.52	30	30	-1	NW	4	0	34	28					
	Karlstad...	29.74	17	2	0	0	29.88	+0.43	22	20	+5	2	0	28	25						
	Færder (X'iania Fjord)	29.78	27	NNW	1	0	29.93	+0.46	28	25	0	WSW	1	0	28	25					
	Bodö...	29.50	21	E	2	0	29.69	+0.58	19	16	-6	E	2	0	25	16					
	Christiansund...	29.50	36	NW	6	5	29.78	+0.23	34	33	+3	SW	1	0	36	30			0.28		
	Skudesnaes...	29.92	31	NNW	2	0	29.97	+0.43	31	30	+3	E	2	0	32	27					
ICELAND & FAEROE.	Isafjord...	28.96	35	E	4	7	28.91	-0.87	23	*	+1	N	9	5	*	*					
	Reykjavik...	29.14	32	S	8	7	28.97	-0.84	31	*	+8	SW	7	9	*	*					
	Seydisfjord...	29.53	28	2	0	0	28.73	-1.20	38	*	+14	W	7	6	*	*					
	Thorshavn...	29.95	33	2	0	0	29.25	-1.68	36	*	+5	NNW	8	7	*	*					
BRITISH ISLANDS.	Sumburgh Head	29.97	32	N	3	0	29.54	-1.13	34	34	-1	S	6	0	35	30	b.c. b				
	Stornoway...	30.10	34	WNW	2	0	29.70	-1.18	47	47	+13	SW	5	5	47	33	b.c. bc. org	2.7	0.07		
	Castlebay (Barra Id.)	30.13	38	NNE	2	0	29.84	-0.07	48	48	+11	W	5	5	48	34	b.c. b. od	4.1	0.02		
	Malin Head...	30.12	40	NW	2	0	29.96	+0.09	43	43	+4	SW	4	0	43	39	b.c. bc. b. org	*	0.03		
	Blacksod Pt.	30.15	44	NNW	2	0	30.09	+0.07	49	49	+5	WNW	4	0	50	36	b.c. bc. b. org	*	0.05		
	Valencia...	30.21	45	NNE	1	0	30.25	+0.23	44	43	-3	SSE	1	0	44	33	c. b.c.p	1.4	0.02		
	Roche's Point...	30.19	43	NNW	2	0	30.28	+0.31	36	35	-6	NNW	1	0	45	34	b. bc	*	0.01		
	Birr Castle...	30.17	36	2	0	0	30.20	+0.23	35	34	-2	SSW	2	0	42	27	b. or. o	4.9	0.02		
	Donaghadee...	30.10	39	NNW	4	0	30.15	+0.31	35	34	-5	SSW	2	0	42	31	gph. bc. op	*	0.01		
	Liverpool Obsy...	30.09	36	NNW	3	0	30.13	+0.50	34	32	-2	N	2	0	39	34	b	6.8			
	Holyhead...	30.10	41	NNE	4	0	30.21	+0.44	42	40	0	WSW	1	0	43	34	b.c. b	*			
	Pembroke (St. Ann's Hd.)	30.08	37	N	2	0	30.24	+0.45	35	34	-6	NNE	1	0	49	33	b.c.p. cph. b.c.p	0.2	0.15		
	Scilly (St. Mary's)	30.06	44	N	6	0	30.27	+0.44	41	40	-6	W	1	0	49	39	b.c.m	4.7			
	Jersey (St. Aubins)	29.94	40	NW	4	0	30.24	+0.24	40	36	-4	NNE	3	0	47	34	b.c. b.c. b.c	5.3			
	Portland Bill...	29.96	39	NNW	4	0	30.23	+0.54	35	33	-5	NNE	3	0	41	33	b	?			
	Dungeness...	29.79	37	NNW	3	0	30.20	+0.68	34	34	0	N	3	0	39	33	b.c. c.c.p	1.3	0.04		
	Dover...	*	*	*	*	*	30.23	+0.70	33	33	0	NNW	4	0	37	32	b.c. c.c.p. b.c.p	2.9	0.09		
	Wick...	30.05	30	N	1	0	29.70	-0.06	38	35	+5	S	3	0	38	26		*			
	Nairn...	30.09	35	W	1	0	29.81	+0.04	38	36	+6	W	4	0	38	25	b.c. b.c. o	0.0			
	Aberdeen...	30.09	33	NW	3	0	29.90	+0.18	34	32	+1	SSW	4	0	36	28	c.c.p. b. c. asp	2.7	0.12		
Leith...	30.08	37	WNW	3	0	30.01	+0.25	37	34	+1	W	3	0	39	36	b.c. c. b.c.p	*				
North Shields...	30.02	35	NW	3	5	30.16	+0.51	30	29	-2	W	2	0	37	28	S. o. S	?	0.04			
Spurn Head...	29.93	41	N	6	5	30.18	+0.67	34	33	-1	W	5	0	42	31	c.c.p. c.c.p. c.c.m	*	0.04			
GERMANY, &c.	Yarmouth...	29.82	40	N	3	0	30.19	+0.74	33	31	-2	WNW	2	0	42	33	b.c. b.c.p. b.c.p	1.7	0.26		
	Clacton-on-Sea...	29.54	35	NW	4	0	30.21	+0.69	31	30	-8	NNW	2	0	36	30	b.c.p. b.c. b.c. b.c	4.4			
	Nottingham...	29.45	35	N	4	0	30.23	+0.58	28	27	-6	WNW	1	0	38	27	b. b.c. b.c	1.2			
	Bath...	29.77	39	N	1	0	30.25	+0.59	28	27	-9	2	0	39	27		5.7				
	Oxford...	30.06	34	NNW	3	0	30.31	+0.60	28	28	-6	2	0	38	27	b	*				
	London (St. James's Pk)	29.92	36	N	3	0	30.25	+0.65	31	30	-4	2	0	39	30	b.c. o. c.p. b.c. b.c	0.1	0.01			
	The Scaw (Skagen)	29.79	33	NNE	3	0	29.95	+0.58	34	31	+4	N	1	0	34	30		*			
	Fanö...	29.92	28	N	2	0	30.07	+0.66	30	29	-1	W	2	0	31	27		*			
FRANCE.	Cuxhaven†...	29.71	38	NE	4	0	30.11	+0.79	32	28	-4	N	2	0	36	30		*			
	The Helder...	29.54	36	N	3	0	30.17	+0.84	30	29	-8	SE	1	0	41	28		*	0.04		
	Brussels...	*	*	*	*	*	30.19	+0.82	28	26	-4	W	1	0	33	25		*			
	Berlin†...	29.60	35	N	2	0	30.01	+0.71	29	24	-6	N	3	0	39	28		*			
	Frankfurt†...	29.51	34	NE	5	5	30.03	+0.77	26	23	-7	NE	3	0	37	25		*	0.51		
	Munich†...	29.49	33	W	4	5	29.91	+0.44	30	100	-2	W	3	5	36	28		*	0.04		
	C. Gris Nez...	29.79	45	N	7	7	30.19	+0.72	33	31	-6	SSE	1	5	45	30		*	0.24		
	La Hève...	29.84	37	N	7	0	30.21	+0.59	34	32	-5	E	2	6	41	30		*	0.04		
	Brest...	30.04	43	N	5	0	30.29	+0.48	39	38	-10	EHE	2	6	50	36		*			
	Lorient...	29.91	42	NNE	3	0	30.23	+0.46	41	39	-6	NNE	3	6	50	39		*			
SPAIN & PORTUGAL.	Rochefort...	29.89	42	N	6	0	30.18	+0.46	37	36	-12	NNE	4	6	45	36	o. b	*	0.04		
	Biarritz...	29.87	48	NW	6	0	30.08	+0.23	39	37	-12	NE	3	0	52	37		*	0.20		
	Paris...	29.74	38	NNW	5	0	30.15	+0.70	30	27	-3	N	3	6	41	30		*			
	Belfort...	29.56	30	W	6	0	29.95	+0.53	30	30	-4	EHE	4	6	36	26		*	0.16		
	Lyons...	29.65	32	NNW	5	5	29.66	+0.24	30	7	-6	N	3	0	41	30		*	0.24		
	Nice...	29.24	41	2	0	0	29.41	-0.24	40	33	-2	E	3	0	55	39		*			
	Perpignan...	29.65	42	NW	6	0	29.72	+0.01	38	33	-9	NW	6	6	51	37		*	0.03		
PORTUGAL.	Sanguinaire...	29.59	47	W	6	0	29.50	-0.18	44	40	-6	S	4	7	52	44		*	0.12		
	Corunna...	30.14	53	NNW	3	0	30.26	+0.38	47	44	-3	NE	2	0	55	41		*	0.12		
	Lisbon...	30.07	52	WNW	5	0	30.06	-0.02	50	46	+1	NW	5	6	55	49		*			
	Gibraltar...	29.91	50	NW	4	0	29.89	-0.04	49	47	+1	NW	3	6	4	*	*				
AZORES.	Azores (P. Delgada)...																*				
	" Horta...	30.17	63	SSE	4	0	30.12	-0.08	62	59	+2	SSE	5	0	60	60		*			
MADEIRA.	Madeira (Punchul)...	30.15	59	SE	3	0	30.12	-0.02	53	53	+1	SE	3	0	64	48		*	0.04		

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

7 A.M. YESTERDAY.

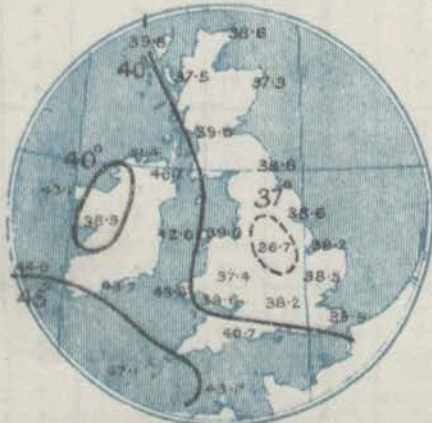


6 P.M. YESTERDAY



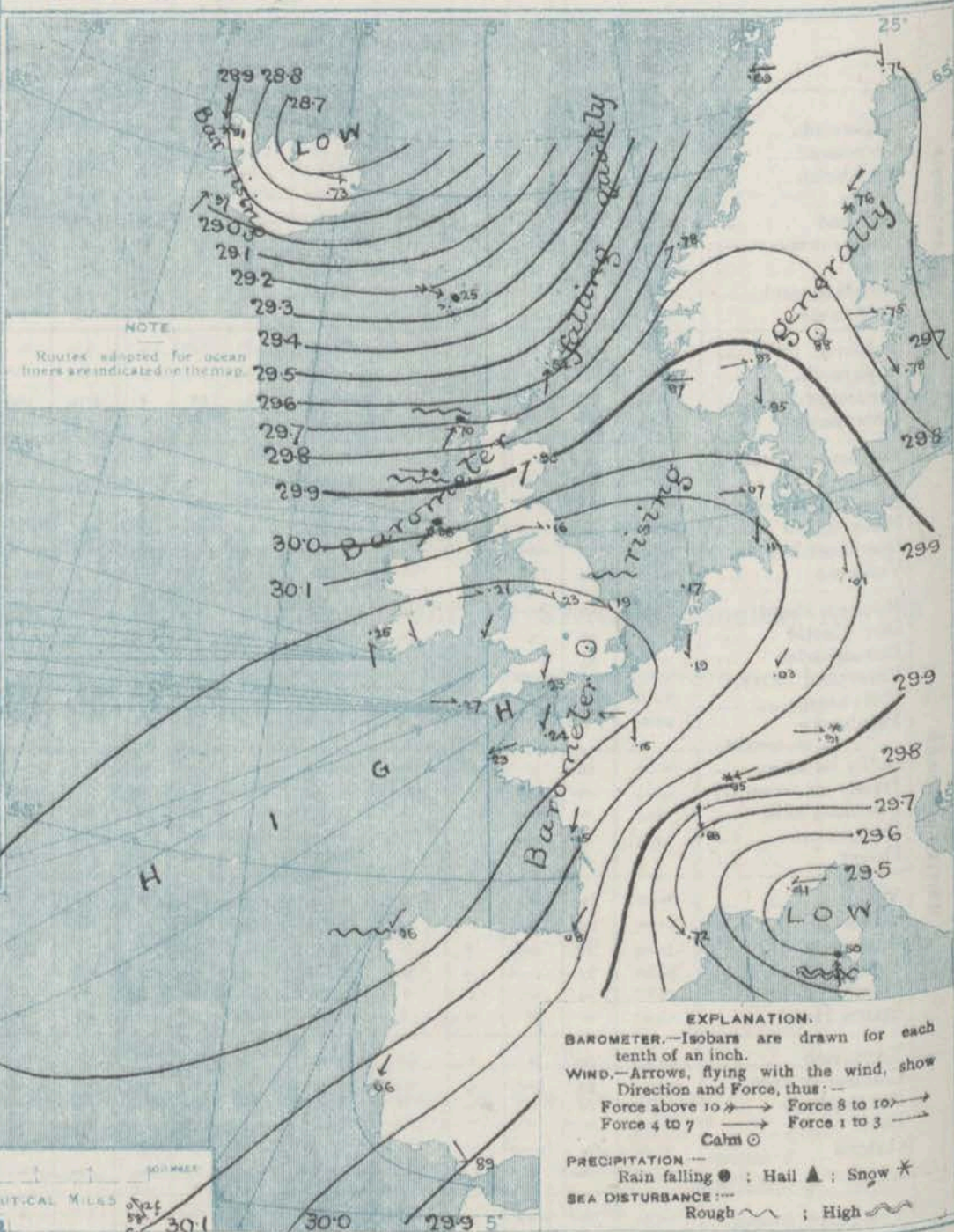
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD
DECEMBER - JANUARY.

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



Wednesday, WEATHER 28th Dec

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 ○
PRECIPITATION —
Rain falling ● ; Hail ▲ ; Snow ✱
SEA DISTURBANCE —
Rough ~~~~~ ; High ~~~~~

NOTES ON THE GENERAL SITUATION AT 7 A.M.

In the course of the past twenty-four hours the Atlantic high pressure system has expanded eastward, and it now embraces the southern half of the British Isles and the neighbouring parts of the Continent. At the same time a very deep cyclonic disturbance has crossed Ireland, and spread rapidly southward over our northern districts. The barometer ranges from above 30.3 ins. off the mouth of the English Channel to below 28.7 ins. over north-eastern Ireland. In a depression off the Riviera pressure is below 29.5 ins. The gradient is steep in the far north and over southern France.

The winds, circulating round the various pressure systems, vary greatly in direction and force. A North Westerly gale is reported at Faro, a Northerly gale at Lyons, and a strong gale in the north-west of Ireland. At the home stations temperature ranges from 28° at Bath, Oxford and Nottingham to 43° at Blackpool Point; over Western Europe from 26° at Frankfurt to 43° at Gibraltar, and 50° at Lisbon; in Scandinavia from 6° at Haparanda to 34° at Christiansund; and in Iceland from 23° to 28°. Fine clear weather prevails from our southern districts across to southern Scandinavia and Germany, elsewhere it is mostly very cloudy to overcast, with showers of rain up our north-western coasts, snow at various foreign stations. The sea is rather rough on the Channel, and off the Humber, moderate to smooth elsewhere.

CHARTS 28th December, 1910

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature failed to reach 40° over a great part of the British Isles, and on the north-western coasts the highest readings occurred during the night. Sharp frost was registered this morning at many stations, the shaded thermometer sinking to 25° at noon. Sleet, snow or hail showers fell in many localities. A few stations had no bright sunshine or less than an hour, but generally the records were good, ranging upwards 6 to hours at Hastings, Bournemouth and Liverpool.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The barometer continued to rise over our southern districts, but it is falling rapidly in the far north. Increasing westerly to southerly winds and unsettled weather are probable in the north, and the change will spread southward later.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS
 Noon Wednesday to Noon Thursday.

THE FURTHER OUTLOOK

0 } Wind between W. and S., strong to a gale at times in places; squally, unsettled, some rain, sleet or snow; temperature rising somewhat.

3 } Calms and light variable to freshening W. breezes; fine, local mist or fog, sleet or snow showers later; cold.

6 } Same as Nos. 0 to 2.

7 } Freshening W. and S.W. breezes; fine at first, some rain or sleet later; temperature rising.

8 } Same as Nos. 3 to 5.

9 } Same as Nos. 0 to 2.

II WESTERN CHANNEL AND BAY

Slight variable to freshening W. and S.W. winds; sea smooth to moderate; fine, some mist or fog, less settled later; cold.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

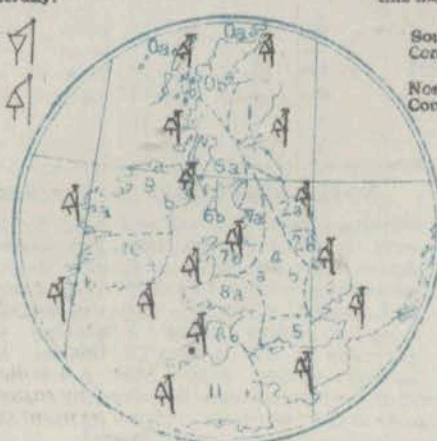
South
Cone.

North
Cone.

Signals hoisted this morning.

South
Cone.

North
Cone.



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall Ins.
	Max. °	Min. °					Max. °	Min. °			
Oban, to 6 p.m. ...	42	33	b	6.6	0.09	Brighton, to 6 p.m. ...	45	34	#	6.0	0.01
Dublin (City), to 4 p.m.						Seaford, to 6 p.m. ...	45	32	b	5.3	-
Blackpool, to 9 p.m. ...	42	33	b	6.3	-	Eastbourne, to 6 p.m. ...	45	33	#	4.6	-
Southport, to 9 p.m. ...	43	35	bc. b	6.3	0.01	Bexhill-on-Sea, to 9 p.m.	45	34	b	4.0	-
Rhyl, to 6 p.m. ...	47	36		4.5	0.21	Hastings ...	#	#	#	6.7	#
Colwyn Bay, to 6 p.m. ...	43	35	bc	4.6	-	Folkestone, to 6 p.m. ...	43	34	r. b	5.3	0.10
Llandudno, to 9 p.m. ...				2.0	-	Deal, to 6 p.m. ...	43	34	r. c. bc. b	0.6	0.18
Bettws-y-Coed, to 6 p.m.	46	31	b	3.2	#	Ramsgate, to 6 p.m. ...	#	#	#	1.3	0.13
Towyn, to 6 p.m. ...	42	35	th. b	5.9	0.32	Margate, to 6 p.m. ...	39	35	oq. o	0.0	0.12
Aberystwyth, to 6 p.m. ...	46	37	#	6.5	-	Felixstowe, to 6 p.m. ...	36	32	#	4.4	0.21
Plymouth, to 9 p.m. ...	48	38	bc. b	4.5	0.07	Lowestoft, to 6 p.m. ...	42	33	c. o. p. th. b	2.0	0.06
Paignton, to 6 p.m. ...	43	37	cp. bc	5.6	0.08	Skegness, to 6 p.m. ...	39	30		1.0	0.09
Torquay, to 6 p.m. ...	45	38	#	6.0	0.05	Scarborough, to 9 p.m. ...	41	34	oq. c	1.2	0.35
Teignmouth, to 9 p.m. ...	43	39	bc	5.3	0.07	Harrogate, to 6 p.m. ...	36	30	bc. bc. b	3.9	0.04
Weymouth, to 6 p.m. ...						Buxton, to 6 p.m. ...					
Bournemouth, to 6 p.m. ...	39	36	b	6.8	0.06	Darwen, to 9 p.m. ...	41	28	or. bc	5.0	0.02
Southsea, to 6 p.m. ...	38	35	#	5.4	-	Manchester, to 9 p.m. ...	38	33	c. bc. b	0.8	-
Bognor, to 6 p.m. ...	40	34	bc. c	5.1	0.06	Birmingham, to 9 p.m. ...	42	31	b. bc. c. b	3.6	0.15
Worthing, to 6 p.m. ...	39	33		6.0	0.04						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Malaga ... 27th Dec. 1910	°	°		Ins.	Utrecht ... 27th Dec. 1910	°	°		Ins.
Marseilles ...					Groningen ...				
Malta ...					Zurich ...	#	#		
Algiers ...					Geneva ...	#	#		
Tunis ...					Lugano ...	#	#		
Palermo ...					Berne ... 28th Dec. 1910	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Naples ...					Coire ...		*		*
Brindisi ...					Castasegna ...		*		*
Rome ...					Davos ...		*		*
Vienna ...									
St. Petersburg ...									

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
<i>Cedric</i> { 26th Dec. 4am 7am	0	0	Ins.	WNW	6-7	-	0	0	0	-		0	0	Ins.			
<i>Compania</i> { 26th Dec. 4am 7am 8pm 9pm	52N	15W	30.26 30.29	WNW	6-7	0	-	-	-	-		52N	15W	30.26 30.29	WNW	6-7	0
<i>Sabland</i> { 26th Dec. 4am 7am 8pm 9pm	51N	17W	30.29 30.31 30.35 30.37	WNW	4-5	-	-	-	-	-		51N	17W	30.29 30.31 30.35 30.37	WNW	4-5	0
<i>Marineval</i> { 26th Dec. 4am 7am 8pm 9pm	50N	13W	30.20 30.25 30.29 30.34	WNW	4-5	-	-	-	-	-		50N	13W	30.20 30.25 30.29 30.34	WNW	4-5	0
	50N	15W	30.23 30.25 30.30 30.34	WNW	4-5	-	-	-	-	-		50N	15W	30.23 30.25 30.30 30.34	WNW	4-5	0
	50N	19W	30.20 30.25 30.29 30.34	WNW	4-5	-	-	-	-	-		50N	19W	30.20 30.25 30.29 30.34	WNW	4-5	0

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 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, At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

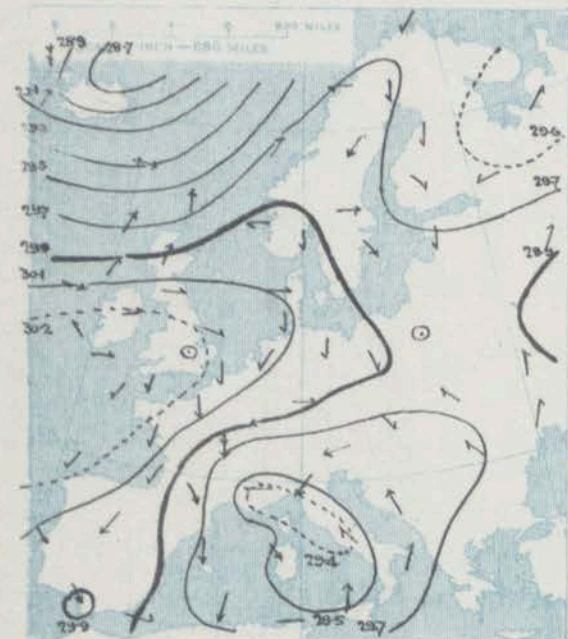
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday
29th December, 1910.

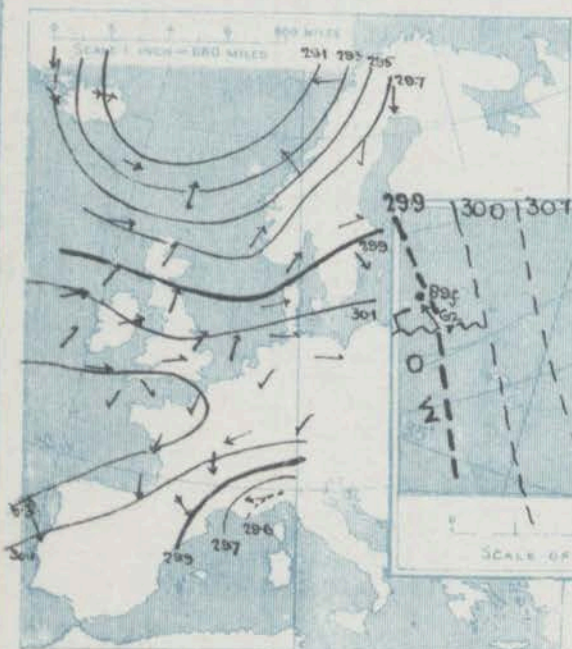
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 5).	TEMP.		Weather.	Sun. shine.	Rainfall.
		At 8 ³⁰ Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 13).	Dir.	At 8 ³⁰ Fahr. and M.S.L. Lat. 45°		Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 13).	Max.			Min.				
SCANDINAVIA.	Haparanda...	29.84	12	N	2	0	29.84	+1.13	15	15	+9	S	2	0	19	1	0	0	0	0	
	Hernösand...	29.85	11	N	2	0	29.89	-1.17	30	29	+11	S	4	0	130	11	0	0	0.12		
	Stockholm...	29.84	22	WSW	2	0	29.71	-0.04	32	32	+9	SW	4	0	132	18	0	0	0		
	Wisby...	29.99	32	NW	6	0	29.86	+1.08	35	33	+5	SW	6	0	55	27	0	0	0		
	Karlstad...	29.52	32	SW	4	0	29.55	-0.33	36	36	+14	SW	4	0	5	28	0	0	0.08		
	Færder (X'tania Fjord)	29.76	37	SW	6	0	29.51	-0.42	37	36	+9	WSW	5	0	23	15	0	0	0.08		
	Bodö...	29.17	21	E	4	0	29.48	-0.26	23	19	+4	E	6	0	41	34	0	0	0.08		
	Christiansund...	29.83	40	SE	4	0	29.27	-0.51	39	35	+5	SE	2	0	41	34	0	0	0.08		
	Skudesnaes...	29.59	41	SW	6	0	29.56	-0.41	37	37	+6	W	7	0	24	31	0	0	1.22		
ICELAND & FAEROE.	Isafjord...	29.45	23	N	4	0	30.03	+1.12	22	0	-1	N	8	0	0	0	0	0	0		
	Reykjavik...	29.81	24	NW	4	0	29.98	+0.40	22	0	-9	N	3	0	0	0	0	0	0		
	Seydisfjord...	29.03	23	W	8	0	29.52	+0.74	25	0	-13	NE	6	0	0	0	0	0	0		
	Thorshavn...	29.18	39	WNW	6	0	29.40	+1.15	35	0	-1	NW	7	0	0	0	0	0	0		
BRITISH ISLANDS.	Sumburgh Head	29.40	40	SW	6	0	29.47	-0.07	38	36	+4	WNW	7	0	48	36	0.4	0	0.52		
	Stornoway...	29.68	42	W	5	0	29.84	+1.16	41	39	-6	W	5	0	47	39	0.4	0	0.17		
	Castlebay (Barra Id.)	29.80	44	WNW	7	0	29.38	+1.14	44	41	-4	WNW	6	0	49	41	0.4	0	0.07		
	Malin Head...	29.76	45	SW	6	0	30.06	+1.10	44	43	+1	NW	7	0	48	42	0.4	0	0.08		
	Blacksod Pt.	30.10	48	WSW	4	0	30.73	+1.14	47	44	-2	WNW	4	0	50	45	0.4	0	0.04		
	Valencia...	30.25	46	WSW	1	0	30.31	+0.06	46	43	+2	WNW	2	0	51	44	0.4	0	0.19		
	Roche's Point	30.24	49	W	3	0	30.31	+0.03	45	45	+9	W	1	0	49	35	0.4	0	0.08		
	Birr Castle	30.44	47	SSW	2	0	30.76	+0.06	45	44	+8	WSW	2	0	49	34	0.4	0	0.04		
	Donaghadee	30.01	44	SW	3	0	30.11	-0.04	41	40	+6	WSW	3	0	45	35	0.4	0	0.04		
	Liverpool Obsy...	30.04	43	SW	4	0	30.15	-0.03	44	42	+10	W	5	0	47	34	0.4	0	0.02		
	Holyhead...	30.08	47	WSW	5	0	30.19	-0.02	46	44	+4	W	6	0	47	42	0.4	0	0.12		
	Pembroke	30.19	46	WSW	5	0	30.25	-0.01	47	44	+12	NW	3	0	49	38	0.4	0	0.03		
	(St. Ann's Hd.)																				
	Scilly (St. Mary's)	30.29	46	W	4	0	30.31	+0.04	48	44	+7	W	5	0	50	36	0.4	0	0.03		
	Jersey (St. Aubins)	30.33	38	NW	3	0	30.31	+0.07	49	48	+9	W	3	0	49	32	0.4	0	0.01		
	Portland Bill	30.28	45	WSW	3	0	30.24	+0.01	49	48	+14	W	3	0	49	35	0.4	0	0.01		
	Dungeness...	30.26	38	W	3	0	30.12	-0.02	43	42	+9	WNW	3	0	44	30	0.4	0	0.03		
	Dover...						30.22	-0.01	42	41	+9	WNW	2	0	42	31	0.4	0	0.01		
GERMANY, & C.	Wick...	29.61	40	W	4	0	29.70	-0.00	37	35	-1	W	5	0	42	34	0.4	0	0.15		
	Nairn...	29.74	41	W	2	0	29.82	+0.01	37	36	-1	W	1	0	44	37	0.4	0	0.09		
	Aberdeen...	29.76	40	SW	3	0	29.82	-0.03	39	36	+5	WSW	5	0	42	34	0.4	0	0.02		
	Leith...	29.85	43	WSW	4	0	29.93	-0.08	42	38	+5	W	4	0	45	37	0.4	0	0		
	North Shields	29.93	39	BSW	4	0	30.01	-0.15	41	39	+11	SW	3	0	43	25	0.4	0	0		
	Spurn Head...	30.03	37	SW	6	0	30.06	-0.12	42	40	+8	W	4	0	45	33	0.4	0	0		
	Yarmouth...	30.17	35	SW	2	0	30.18	-0.11	39	38	+6	W	2	0	40	32	0.4	0	0.02		
	Clacton-on-Sea...	30.23	35	SSW	2	0	30.16	-0.06	39	39	+7	WSW	2	0	40	29	0.4	0	0.03		
	Nottingham...	30.12	37	SW	4	0	30.14	-0.09	42	41	+14	W	3	0	43	27	0.4	0	0.03		
	Bath...	30.22	37	2	0	0	30.20	-0.03	43	41	+15	NW	1	0	47	27	0.4	0	0		
FRANCE.	Oxford...	30.22	38	W	2	0	30.24	-0.07	39	38	+11	W	2	0	42	28	0.4	0	0.01		
	London (St. James's Pl.)	30.26	37	WSW	2	0	30.19	-0.06	42	41	+11	2	0	42	28	0.4	0	0.01			
	The Scaw (Skagen)	29.85	37	SW	4	0	29.63	-0.32	37	37	+3	WSW	4	0	37	32	0.4	0	0.04		
	Fanø...	29.97	39	WSW	6	0	29.83	-0.24	39	39	+9	WSW	3	0	39	30	0.4	0	0		
	Cuxhaven...	30.19	32	W	2	0	29.96	-0.15	33	30	+1	SW	5	0	36	30	0.4	0	0.04		
	The Helder...	30.19	40	SSW	3	0	30.05	-0.12	43	41	+13	W	4	0	43	30	0.4	0	0		
	Brussels...						30.22	+0.03	39	30	+4	SW	3	0	35	25	0.4	0	0		
	Berlin...	30.25	30	W	1	0	30.21	+0.04	24	85	-5	SW	2	0	36	23	0.4	0	0		
	Frankfurt...	30.18	19	NE	3	0	30.30	+0.17	10	32	-16	NE	1	0	34	9	0.4	0	0.03		
	Munich...	30.15	29	NE	3	0	30.30	+0.09	27	46	-3	SE	3	0	30	27	0.4	0	0.03		
SPAIN & PORTUGAL.	C. Gris Nez...	30.25	40	SW	4	0	30.19	-0.00	45	44	+12	WSW	6	0	45	33	0.4	0	0.04		
	La Hève...	30.35	37	W	2	0	30.29	+0.06	41	37	+7	W	5	0	41	24	0.4	0	0.04		
	Brest...	30.36	42	NE	1	0	30.41	+0.12	49	48	+10	WNW	3	0	49	34	0.4	0	0		
	Lorient...	30.35	43	NNE	3	0	30.38	+0.15	47	46	+6	WNW	2	0	45	37	0.4	0	0		
	Rocheport...	30.39	39	NNE	4	0	30.44	+0.19	32	30	-5	E	1	0	48	30	0.4	0	0		
	Biarritz...	30.22	41	N	5	0	30.45	+0.27	29	27	-10	ESE	2	0	45	28	0.4	0	0		
	Paris...	30.32	29	NNE	2	0	30.34	+0.19	30	28	0	?	2	0	35	23	0.4	0	0		
	Belfort...	30.19	26	ENE	4	0	30.36	+0.11	23	22	-7	E	2	0	31	22	0.4	0	0		
	Lyons...	30.05	31	N	6	0	30.31	+0.03	29	?	-1	NNW	3	0	33	26	0.4	0	0		
	Nice...	29.60	46	E	6	0	29.91	+0.50	47	39	+7	W	1	0	48	41	0.4	0	0		
PORTUGAL & AZORES.	Perpignan...	29.91	38	NW	6	0	30.07	+0.35	37	31	-1	NW	7	0	41	33	0.4	0	0		
	Sanguinaire...																				
	Corunna...																				
PORTUGAL & AZORES.	Lisbon...	30.13	41	NNW	5	0	30.30	+0.24	41	36	-9	NNW	4	0	54	41	0.4	0	0		
	Gibraltar...						30.04	+0.15	42	36	-0.07	SE	1	0	4	0	0.4	0	0		
	Azores (P. Delgada)...																				
	" Horta...	30.01	62	SE	6	0	29.89	-0.24	62	61	0	SE	7	0	64	61	0.4	0	0.32		
PORTUGAL & AZORES.	Madeira (Puncha)...	30.14	59	NE	2	0	30.15	+0.03	56	52	-2	NE	2	0	64	46	0.4	0	0		

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

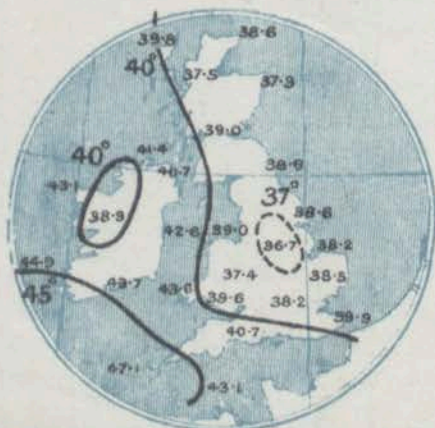
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

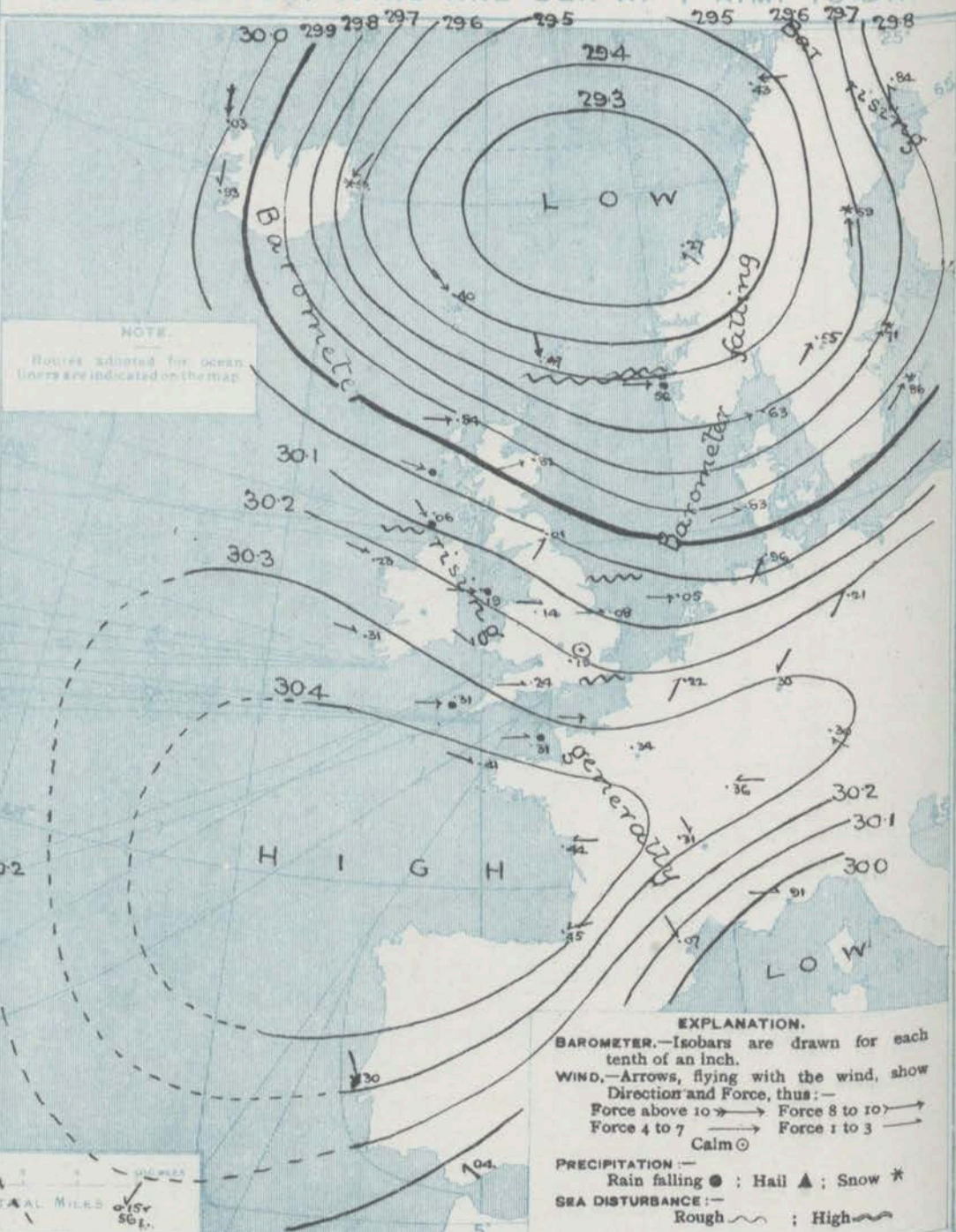


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Thursday, WEATHER 29th Dec^r

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The Atlantic high pressure system extends eastward across the Bay of Biscay to Austria, the barometer being at about 30.4 ins. on the Bay. In a depression centred northward of Shetland pressure is below 29.3 ins. The gradient is still considerable across the northern region.

Winds between North and West prevail from Iceland across the British Isles. Westerly to southerly beyond the North Sea. The force varies greatly, strong or high in several localities, a gale in the north-west of Ireland. At the home stations temperature ranges from 37° at Kain and Wick to 43° at Jersey and Portland Bill; on the Continent from 10° at Frankfurt to 43° at Basel; in Scandinavia from 15° at Haparanda to 33° at Christiansund; and in Iceland from 13° to 25°. In many places the weather is fine and clear, but generally it is cloudy or overcast. Rain showers are falling at several of our own western and northern stations, snow in many parts of Sweden and Iceland. A high sea is running off Shetland, rough on the French side of the Straits and at the Azores, mostly moderate to very smooth elsewhere.

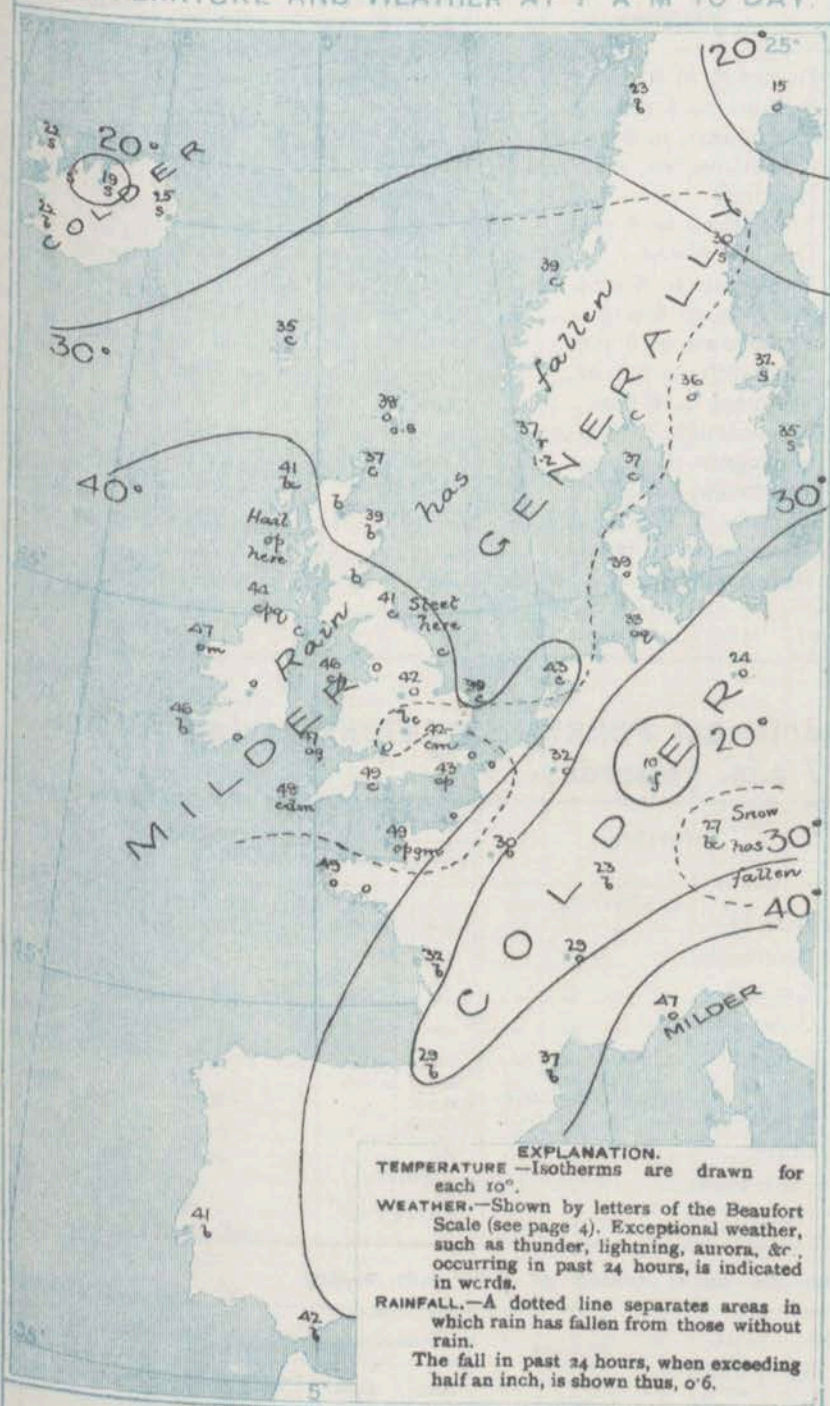
CHARTS 29th December, 1910.

WEATHER PROSPECTS

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

FORECASTS FOR THE 24 HOURS
NOON Thursday TO NOON Friday.

THE FURTHER OUTLOOK



Wind between W. and N.W., fresh or strong at times; gusty, changeable, dull to fair or fine, some showers; moderate temperatures.

Slight or moderate W. and N.W. breezes; changeable, dull to fair or fine, some showers; moderate temperatures.

Same as Nos 0 to 3.

Same as Nos. 4 and 5.

Same as Nos. 0 to 3.

Same as Nos. 4 and 5.

II. WESTERN CHANNEL AND BAY

Slight to fresh W. to N.W. northern half, N. to E. southern half; sea moderate to smooth; changeable, misty and dull to fair, some showers; moderate temperatures.

NOTES ON YESTERDAY'S WEATHER

During the past twenty-four hours temperature rose to between 45° and 51° at all the western and northern stations. Showers fell generally, in small amounts as a rule, but ½ inch of rain fell in Shetland, 1.2 inch at Skeneass. In several localities there was no bright sunshine, but at some of the south coast stations the records exceeded 6 hours, 6 ½ hours at Weymouth and Hastings.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

With the anticyclone in the south and the depression in the north are moving on easterly paths, so that a moderately mild North-Westerly type of conditions is expected to prevail during the ensuing twenty-four hours.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

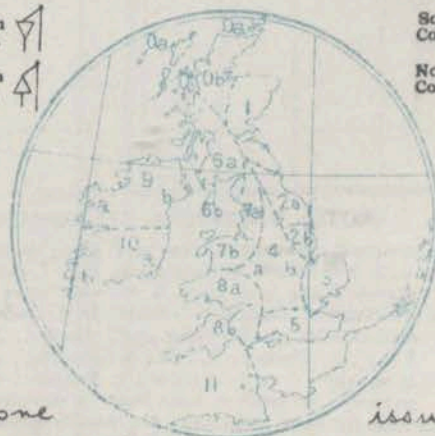
Signals hoisted this morning.

South Coast.

South Coast.

North Coast.

North Coast.



None

issued.

If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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. °			
Oban, to 6 p.m. ...	47	28	79. c	0.3	0.14	Brighton, to 6 p.m. ...	41	30	#	5.9	-
Dublin (City), to 4 p.m.	47	30	bc. c. op	*	0.01	Seaford, to 6 p.m. ...	42	29	b	6.3	-
Blackpool, to 9 p.m. ...	45	26	0. or. b	0.0	0.06	Eastbourne, to 6 p.m. ...	40	30	#	6.1	-
Southport, to 9 p.m. ...	45	?	bc. c. or. b	0.0	0.03	Bexhill-on-Sea, to 9 p.m.	41	30	bm	5.2	-
Rhyl, to 6 p.m. ...	44	27	bc. b. c. or. c	1.0	-	Hastings ...	#	#	#	6.8	0.15
Colwyn Bay, to 6 p.m. ...	46	31	c	0.7	0.05	Folkestone, to 6 p.m. ...	43	32	cr. b.	5.3	0.07
Llandudno, to 9 p.m. ...	47	30	bc. c. or. o	1.6	0.05	Deal, to 6 p.m. ...	40	32	cp. bc. b	4.2	0.16
Bettws-y-Coed, to 6 p.m.	41	25	b. r	1.0	*	Ramsgate, to 6 p.m. ...	#	#	#	3.7	0.25
Towyn, to 6 p.m. ...	42	28	*	0.5	0.05	Margate, to 6 p.m. ...	39	33	s. b	3.9	0.02
Aberystwyth, to 6 p.m. ...	42	28	*	0.5	0.05	Felixstowe, to 6 p.m. ...	37	27	#	3.3	0.05
Plymouth, to 9 p.m. ...	44	28	bc. b.	6.2	-	Lowestoft, to 6 p.m. ...	39	30	c. o. bc. b.	2.6	0.02
Paignton, to 6 p.m. ...	45	30	*	5.3	-	Skegness, to 6 p.m. ...	36	27	sq. bc	0.0	0.02
Torquay, to 6 p.m. ...	45	31	b	5.2	-	Scarborough, to 9 p.m.	42	28	sq. bc	0.0	0.02
Teignmouth, to 9 p.m. ...	46	31	b	6.7	-	Harrogate, to 6 p.m. ...	38	28	bc. bc. op	0.0	0.10
Weymouth, to 6 p.m. ...	43	28	b. o	5.9	-	Buxton, to 6 p.m. ...	43	27	bc. or. or. m	0.0	0.05
Bournemouth, to 6 p.m. ...	40	30	3	5.5	-	Darwen, to 9 p.m. ...	41	26	c. bc. o. or. c	0.0	0.05
Southsea, to 6 p.m. ...	42	29	b. bc. b	5.7	-	Manchester, to 9 p.m. ...	32	28	c. or. c	4.7	0.05
Bognor, to 6 p.m. ...	42	29	m. bc. c	5.9	-	Birmingham, to 9 p.m. ...					
Worthing, to 6 p.m. ...											

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 28th Dec. 1910	57	46	b. b	Ins.	Utrecht ... 28th Dec. 1910	39	23	b. b	Ins.
Marseilles ...	52	34	b. o	0.04	Groningen ...	36	25	c. c	0.04
Malta ...	59	51	o	0.47	Zurich ...	#	#	s. o	0.12
Algiers ...	59	46	o. o	0.43	Geneva ...	#	#	o. o	0.08
Tunis ...	61	46	o. o	-	Lugano ...	#	#	o. o	0.12
Palermo ...	62	46	b. o	0.20	Berne ... 29th Dec. 1910	32	#	s	Measured 7.30 a.m. 0.05
Naples ...	53	46	o. o	0.39	Coire ...	36	#	bc	0.04
Brindisi ...	59	43	b. c	-	Castasegna ...	37	#	bc	*
Rome ...	49	39	b. o	0.32	Davos ...	25	#	b	0.04
Vienna ...	41	34	o. s	0.08					
St. Petersburg ...	30	21	f. o	0.04					

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

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
Lapland { 27th Dec. 4am	50N	23W	30.41	NW	4-5	-	0	0	0	-				Ins.			
" 7am	50N	23W	30.41	WNW	4-5	m	-	-	-	-							
" 3pm	49N	28W	30.35	W	1-3	-	-	-	-	-							
" 6pm	49N	29W	30.49	WNW	1-3	m	-	-	-	-							
Minnewaska { 27th Dec. 4am	50N	22W	30.43	WNW	4-5	-	-	-	-	-							
" 7am	50N	23W	30.45	W	1-3	m	-	-	-	-							
" 3pm	49N	27W	30.39	WSW	1-3	-	-	-	-	-							
" 6pm	49N	28W	30.39	SW	4-5	o	-	-	-	-							

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
30th December, 1910.

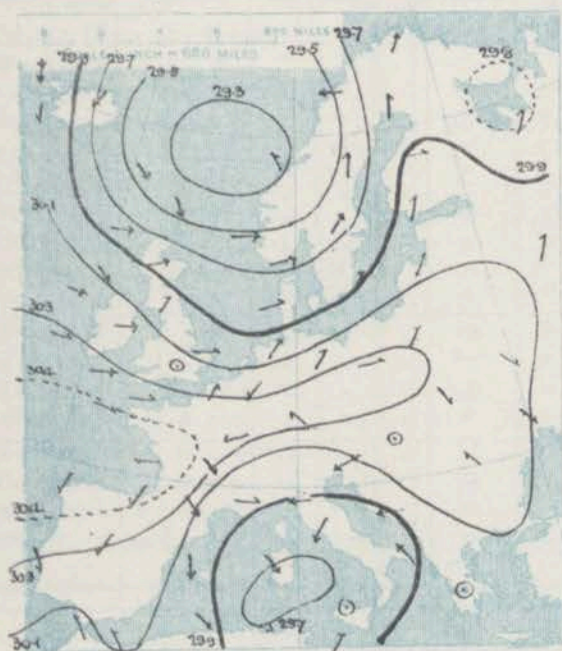
WEATHER REPORT OF THE METEOROLOGICAL OFFICE.																					30 th December, 1910.	
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.					
		Barom.	Temp.	Wind.		Force (0 to 19).	Weather.	Barometer.		Temperature.		Wind.		Force (0 to 12).	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.	
								At 28° Fahr. and M.S.L. Lat. 48°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dry Bulb.				Wet Bulb.	Max.				Min.
		Ins.	"	Dir.	(0 to 19).		Ins.	Ins.	"	"	"	Dir.	(0 to 12).				"	"		Hours.	Ins.	
SCANDINAVIA.	Haparanda...	29.84	14	SE	4	0	29.93	+0.09	13	12	-2	NE	4	0	0	16	3					
	Hernösand...	29.87	17	2	0	0	29.71	+1.12	27	27	-3	E	6	0	0	30	10				0.08	
	Stockholm...	29.61	34	S	2	0	29.64	-0.07	32	32	0	SW	2	0	0	34	19				0.04	
	Wisby...	29.71	37	SW	6	0	29.63	-0.23	35	34	0	SSW	6	0	0	37	30				0.12	
	Karlstad...	29.51	35	SW	2	0	29.63	+0.08	31	30	-5	2	0	0	0	0	0					
	Færder (X'ania Fjord)	29.50	37	WSW	4	0	29.67	+1.16	29	28	-5	WSW	5	0	3	37	27					
	Bodö...	29.53	24	E	6	0	29.78	+1.25	23	20	0	E	6	0	2	25	21					
	Christiansund...	29.33	36	SW	2	0	29.65	+0.41	38	34	-1	SW	1	0	4	37	34				0.24	
	Skudesnaes...	29.87	36	NW	4	0	29.75	+1.12	35	34	-2	NNW	2	0	2	37	34				0.43	
ICELAND & FAEROE.	Isafjord...	30.14	21	N	7	0	29.37	+0.66	32		+10	W	8	0	0	0	0					
	Reykjavik...	30.00	22	E	4	bc	29.50	-0.37	35		+13	E	3	0	0	0	0					
	Seydisfjord...	30.01	24	NE	6	0	29.79	+0.27	28		+3	E	2	0	0	0	0					
	Thorshavn...	29.76	33	NW	6	0	30.07	+0.67	33		-2	NNW	3	0	0	0	0					
BRITISH ISLANDS.	Sumburgh Head	29.66	37	N	7	0	29.96	+0.44	36	36	-2	NNW	6	0	6	42	35				0.22	
	Stornoway...	30.00	42	NW	4	bc	30.23	+0.39	37	37	-4	NW	3	0	3	43	37	cp. bc.	3.0		0.16	
	Castlebay (Barra Id.)	30.12	44	WNW	4	bc	30.15	+0.30	43	43	-1	WNW	2	0	2	46	41	cp. bc. c.	0.5		0.03	
	Malin Head	30.17	45	WNW	5	cp.	30.31	+0.25	45	45	+1	WSW	2	0	2	46	44	bc. cp. bc.			0.03	
	Blacksod Pt.	30.19	45	SW	3	om.	30.33	+0.15	45	43	-2	WSW	1	0	2	48	43	om.				
	Valencia	30.35	45	2	0	0	30.42	+0.11	43	44	-1	E	1	0	4	48	42	m. p. bc. r.	0.0		0.05	
	Roche's Point	30.37	46	W	2	0	30.43	+0.12	43	42	-2	WNW	2	0	2	47	43	c. om. om.				
	Birr Castle	30.31	46	W	3	bc	30.41	+0.15	41	39	-2	WSW	1	0	0	46	38	bc	0.0			
	Donaghadee	30.19	44	SW	2	bc	30.32	+0.21	41	41	0	WSW	3	0	2	46	40	bc				
	Liverpool Obsy...	30.21	45	W	5	0	30.31	+0.16	44	42	0	W	4	0	4	46	43	bc. b. o	1.7			
	Holyhead	30.25	47	WNW	5	0	30.36	+0.17	46	45	0	WNW	4	0	3	48	44	bc. o				
	Pembroke	30.31	47	WNW	3	0	30.36	+0.11	45	42	-2	NW	2	0	2	47	43	cp. cp. cp.	0.0			
	(St. Ann's Hd.)																					
	Scilly (St. Mary's)	30.37	47	NW	3	bc.	30.41	+0.10	45	45	-3	N	2	0	2	50	42	bc. om. bc.	2.0		0.02	
	Jersey (St. Aubins)	30.35	49	W	3	bc.	30.38	+0.07	46	44	-3	W	3	0	3	52	44	bc. om. cp. c.	2.7		0.06	
	Portland Bill	30.30	47	NW	3	0	30.32	+0.08	46	44	-3	NNW	4	0	3	49	44	c. bc.	2.2			
	Dungeness...	30.21	47	NW	1	0	30.25	+0.07	39	38	-4	W	3	0	3	49	39	c. bc.	2.2			
	Dover						30.27	+0.05	41	39	-1	NW	5	0	3	46	36	a. bc. bc. c.	2.8			
	Wick	29.85	40	NW	5	0	30.15	+0.45	38	35	+1	N	2	0	2	43	35				0.10	
	Nairn	29.85	40	W	2	0	30.19	+0.37	39	35	+2	W	3	0	1	41	35	b. bc. cp.	1.2		0.10	
	Aberdeen	29.94	40	W	2	0	30.19	+0.37	35	36	-1	WNW	5	0	2	42	37	bc. bc.	5.1			
	Leith	30.03	41	W	4	0	30.23	+0.30	38	36	-4	W	2	0		45	38	b.				
	North Shields	30.07	41	W	3	0	30.22	+0.21	39	37	-2	WNW	3	0	2	45	36	c.	2.5			
	Spurn Head	30.10	44	W	5	bc	30.18	+0.12	40	39	-2	WNW	5	0	5	44	39	c. cp. bc.				
Yarmouth	30.14	42	W	2	0	30.17	+0.09	39	38	0	W	3	0	3	44	39	bc. c. bc. bc.	1.0				
Clacton-on-Sea	30.20	42	WNW	2	0	30.22	+0.06	38	37	-1	WNW	2	0	2	46	38	bc. c. o. c. bc.	2.5				
Nottingham	30.19	45	W	3	0	30.25	+0.11	45	43	+3	WNW	3	0		46	41	c. om. o	0.0				
Bath	30.30	44	W	2	0	30.34	+0.09	41	39	-2	NW	1	0		49	34				3.8		
Oxford	30.30	42	W	4	0	30.34	+0.10	37	36	-2	W	2	0		45	36	b. c. o					
London (St. James's Pl.)	30.26	43	W	1	0	30.28	+0.09	38	36	-4	W	2	0		45	36	c. bc. c. b.	0.1				
GERMANY, & C.	The Scaw (Skagen)	29.60	37	SW	2	0	29.62	-0.01	38	32	-4	NNE	3	0	1	39	32					
	Fanö	29.78	39	NW	4	bc	29.82	-0.01	36	35	-3	NW	2	0		41	34				0.03	
	Cuxhaven†	29.97	37	SW	2	0	29.87	-0.09	37	39	+4	WNW	2	0		37	33				0.12	
	The Helder	30.07	44	WNW	4	bc	30.05	-0.02	41	39	-2	NNW	7	0	5	45	39				0.04	
	Brussels						30.18	-0.04	39	38	+7	WNW	1	0		39	30				0.04	
	Berlin†	30.02	31	SW	3	0	29.89	-0.32	34	33	+10	SW	2	0		34	24				0.12	
	Frankfurt†	30.19	29	SW	5	0	30.10	-0.20	33	36	+23	SW	5	0		33	21				0.12	
Munich†	30.33	27	SW	4	0	30.24	-0.06	31	25	+14	W	5	0		31	25						
FRANCE.	C. Gris Nez	30.23	46	WSW	5	0	30.24	+0.05	44	42	-1	WNW	5	0	5	50	41					
	La Hève	30.33	46	NE	3	0	30.33	+0.04	45	43	+4	N	4	0	4	46	41					
	Brest	30.45	50	WNW	3	0	30.44	+0.03	46	43	-5	NE	2	0	2	52	43				0.05	
	Lorient	30.39	50	WNW	7	0	30.40	+0.02	47	47	0	N	3	0	2	52	41					
	Rochefort	30.42	46	SW	3	0	30.41	-0.03	46	46	+14	N	3	0		48	32				0.04	
	Biarriz	30.46	37	S	1	0	30.43	-0.02	41	37	+12	SE	1	0	2	43	37					
	Paris	30.31	38	SW	2	0	30.32	-0.02	36	36	+6	SW	2	0		39	29					
SPAIN & PORTUGAL.	Belfort...	30.40	26	W	3	m	30.37	+0.01	28	25	+5	WSW	4	0		32	26					
	Lyons	30.39	30	NNW	1	0	30.38	+0.07	33	32	+1	N	1	0		33	29					
	Nice	29.96	42	2	0	0	29.95	+0.04	43	35	-4	NE	1	0		50	39					
	Perpignan	30.22	41	NW	6	0	30.23	+0.16	46	41	+9	NW	5	0		47	37					
	Sanguinaire	29.96	50	SW	3	m	29.96	+0.12	50	46	+1	N	5	0		52	46					
	Corunna																					
	Lisbon																					
Gibraltar																						
Azores (P. Delgada)																						
" Horta	29.89	63	SSW	5	bc	29.95	+0.06	63	62	+1	SSW	4	0	3	64	62				0.24		
Madeira																						

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

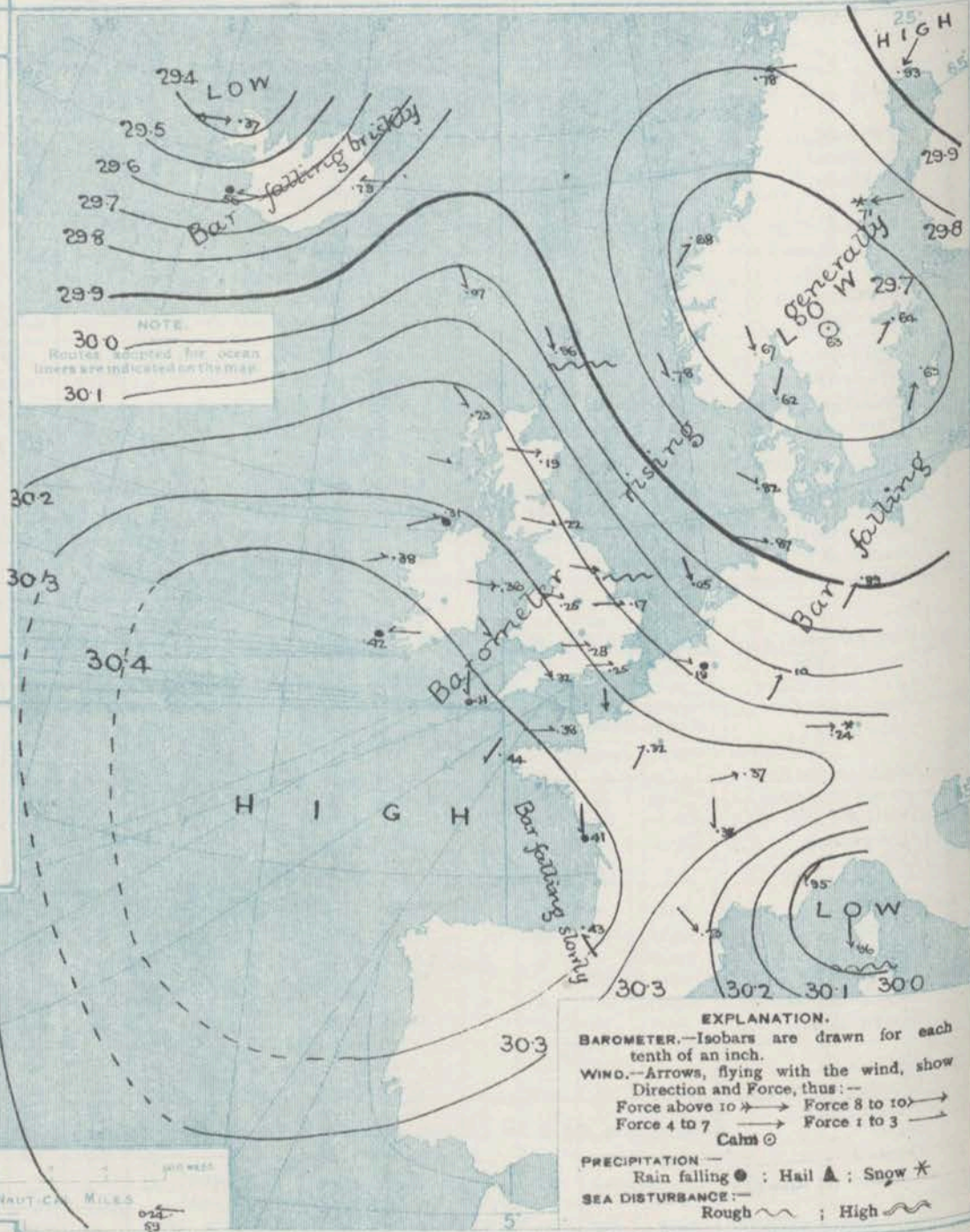
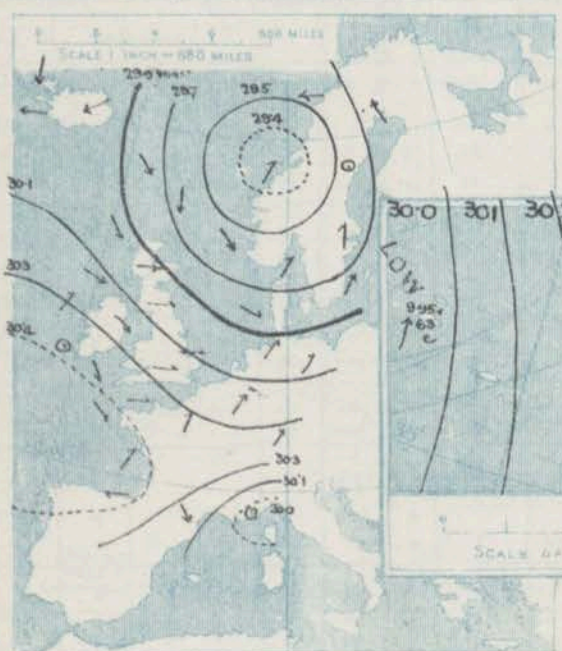
Friday, WEATHER 30th Decr

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

7 A.M. YESTERDAY.



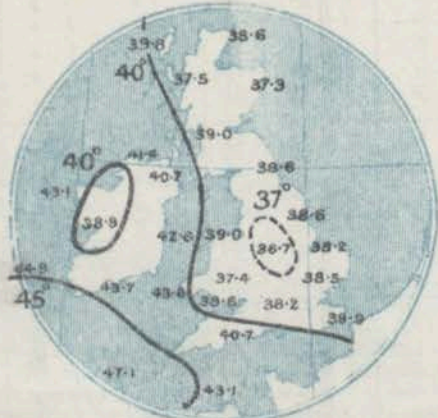
6 P.M. YESTERDAY



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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

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.)



The Atlantic high pressure system continues to expand over the British Isles, and the barometer is now above 30.4 ins. on our south-west coasts, and down the Bay. Yesterday's northern depression is crossing western Sweden to the Baltic, with the barometer at about 29.6 ins., but another low appeared between Iceland and Greenland, where pressure has decreased rapidly to below 29.4 ins. The gradient is rather steep about Iceland, moderate or slight elsewhere.

Easterly to northerly breezes prevail extensively, mostly light to moderate in force, but a high wind is reported on the Dutch coast, a gale in the north-west of Iceland. At the Rome stations temperature ranges from 36° in Shetland to 46° at Jersey, Portland Bill and Holyhead; over western Europe from 28° at Belfast to 47° at Lorient, in Scandinavia from 13° at Haparanda to 33° at Christiansund; and in Iceland from 28° to 35°. The weather is mostly very cloudy or overcast, slight showers are falling locally in the west, and at a few foreign stations, snow at Munich and Herford. A rough sea is running off Shetland, and it is rather rough on the lower part of the North Sea, and in the Straits of Dover, but generally it is slight to very smooth.

CHARTS 30th Dec^r 1910.

2 TEMPERATURE AND WEATHER AT 7 A M TO DAY



NOTES ON YESTERDAY'S WEATHER

Temperatures above 45° were registered yesterday in most parts of the British Isles, as high as 53° at Jersey. Slight showers fell in the north and west. The duration of bright sunshine was very variable, none at several stations, 6½ hours at Bournemouth and Bognor.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The Iceland depression will probably keep beyond the Arctic Circle, and during the ensuing twenty-four hours a Westerly to North-Westerly anticyclonic type of conditions is expected to prevail over the British Isles generally.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS
 NOON Friday TO NOON Saturday.

THE FURTHER OUTLOOK

- 1 } N.W. breezes, fresh at times on coast; fair, cloudy weather, showers locally; moderate temperatures.
- 2 }
- 3 }
- 4 } Light N.W. breezes; fine to cloudy or dull; mild.
- 5 }
- 6 }
- 7 } Light to moderate N.W. and W. breezes; generally fair or fine, local mist and showers; mild.
- 8 }
- 9 } Same as Nos. 3 to 5.
- 10 }
- 11 } Light variable W. breezes; fair to dull, local mist and showers; mild.



II WESTERN CHANNEL AND BAY

Light to moderate W. to N.W. breezes greater part of area, freshening E. breezes near Spain; sea slight; fair to fine, some mist and showers; mild.



FORECAST DISTRICTS.

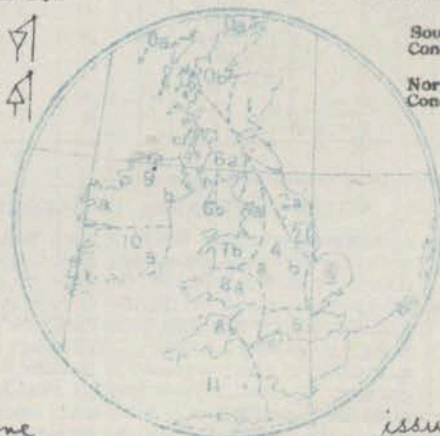
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

South Cone. 
 North Cone. 

Signals hoisted this morning.

South Cone. 
 North Cone. 



None

issued.

If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given this column will be left blank.

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. °			
Oban, to 6 p.m. ...	46	42	bc. r. c. o	0.0	0.35	Brighton, to 6 p.m. ...	49	32	*	6.0	-
Dublin (City), to 4 p.m.	47	41	c	*	-	Seaford, to 6 p.m. ...	48	39	b	5.1	-
Blackpool, to 9 p.m.	46	44	c	2.5	0.03	Eastbourne, to 6 p.m.	49	38	*	4.1	-
Southport, to 9 p.m.	46	43	ov. bc. b	3.4	0.03	Bexhill-on-Sea, to 9 p.m.	48	33	b	3.7	-
Rhyl, to 6 p.m. ...	48	42	*	3.2	0.02	Hastings ...	*	*	*	4.0	0.03
Colwyn Bay, to 6 p.m.	47	?	bc	1.0	?	Folkestone, to 6 p.m.	47	35	bc. b	2.5	0.02
Llandudno, to 9 p.m.	49	43	o. bc. o	3.0	-	Deal, to 6 p.m. ...	47	35	cmf. bc. b	2.9	-
Bettws-y-Coed, to 6 p.m.					*	Ramsgate, to 6 p.m.	*	*	*	3.6	0.03
Towyn, to 6 p.m. ...					-	Margate, to 6 p.m. ...	48	33	o. b. o	1.4	0.01
Aberystwyth, to 6 p.m.	46	33	*	0.0	-	Felixstowe, to 6 p.m.	46	30	*	2.2	-
Plymouth, to 9 p.m.					-	Lowestoft, to 6 p.m.	45	34	c. o. bc. b	1.0	-
Paignton, to 6 p.m.	49	37		0.3	0.01	Skegness, to 6 p.m. ...	43	36		0.0	-
Torquay, to 6 p.m. ...	49	36	*	0.3	0.01	Scarborough, to 9 p.m.	43	39	bc	3.5	0.06
Teignmouth, to 9 p.m.	48	32	cm. c	0.4	-	Harrogate, to 6 p.m.	43	36	sp. bc. c	0.1	-
Weymouth, to 6 p.m.	49	36	bc. bc. c	2.2	-	Buxton, to 6 p.m. ...					0.04
Bournemouth, to 6 p.m.	48	20	b. c. o	3.4	-	Darwen, to 9 p.m. ...	43	39	ov. bc. o. q	0.5	0.01
Southsea, to 6 p.m. ...	48	32	*	6.5	0.02	Manchester, to 9 p.m.					-
Bognor, to 6 p.m. ...	48	32	b. bc	6.4	-	Birmingham, to 9 p.m.	47	37	c	0.6	0.01
Worthing, to 6 p.m. ...	49	33	b. c	5.5	0.02						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 29th Dec. 1910	63	37	b. b	-	Utrecht ... 29th Dec. 1910	37	23	bc. r	-
Marseilles ...	45	30	o. o	-	Groningen ...	37	25	o. o	0.04
Malta ...	59	51	o. b	0.20	Zurich ...	*	*	o. o	0.04
Algiers ...	50	47	o. r	0.39	Geneva ...	*	*	o. o	-
Tunis ...	54	37	o. o	-	Lugano ...	*	*	b. b	-
Palermo ...	53	44	f. o	0.39	Berne ... 28th Dec. 1910	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m. 0.16
Naples ...	54	46	o. o	0.87	Coire ...	30	*	o	-
Brindisi ...	59	45	r. c	0.24	Castasegna ...	34	*	o	*
Rome ...	47	43	o. b	0.32	Davos ...	37	*	o	0.04
Vienna ...	37	28	b. b	0.08		19	*	bc	
St. Petersburg ...									

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

WIRELESS TELEGRAMS.—Received during the 24 hours ended at 5.55 AM on 11/11/11.

Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Direc.	Force.		Air.		Sea			Lat.	Long.		Direc.	Force.	
							Dry Bulb.	Wet Bulb.									
	o	o	Ins.				o	o	o			o	o	Ins.			

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. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.
W. N. SHAW (Director).

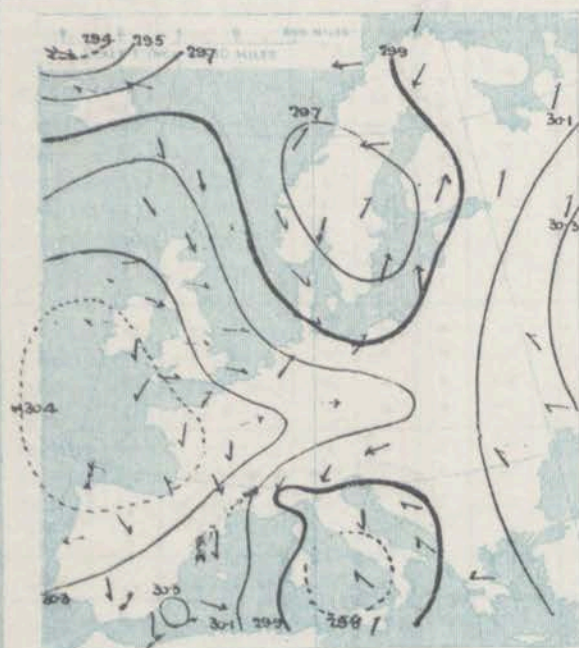
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday
31st December, 1910.

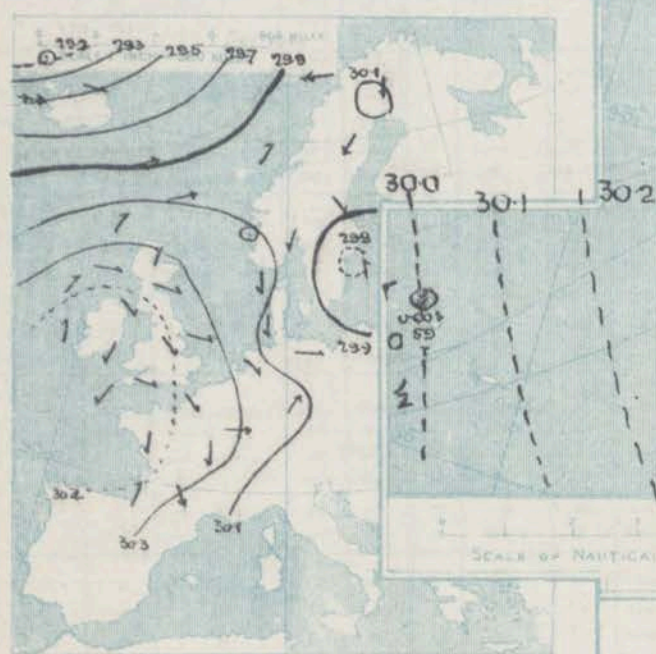
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.						
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Force (0 to 12).	Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun. shine.	Rainfall.
		At 25° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Change since Yesterday.	Dry Bulb.				Wet Bulb.	Change since Yesterday.	Direc.	Max.	Min.										
SCANDINAVIA.		Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Haparanda...		30.10	21	N	2	b	30.06	+1.3	0	0	-13	NE	2	0	14	-2							
Hernösand...		29.99	22	NE	4	0	29.99	+1.2	20	19	-7	N	2	0	30	7.20							0.04
Stockholm...		29.59	32	NW	7	0	30.10	+4.6	27	27	-5	NW	2	0	34	27							
Wisby...		29.80	35	SE	2	0	30.08	+4.5	35	33	0	N	6	0	37	32							0.16
Karlstad...		29.79	29	N	4	b	30.16	+5.3	18	18	-13	Z	0	0	33	28							
Færder (X'ania Fjord)		30.03	30	N	2	b	30.11	+4.4	33	31	+4	SW	2	0	33	28							
Bodö...		29.92	27	E	4	c	29.73	-0.5	26	24	+3	ESE	4	0	27	23							
Christiansund...		29.97	38	SW	1	c	29.78	+1.0	40	38	+2	WSW	1	0	40	36							0.28
Skudesnaes...		30.12	39	Z	0	r	30.04	+1.6	44	43	+9	W	4	0	44	34	c. c. r						0.32
ICELAND & FAEROE.																							
Isafjord...		29.19	34	Z	0	r	29.97	+1.0	22	*	-10	Z	0	0	*	*							*
Reykjavik...		29.45	33	W	8	0	29.96	+4.0	28	*	-7	N	3	0	*	*							*
Seydisfjord...		29.51	38	W	3	b	29.65	-1.4	32	*	+4	N	6	0	*	*							*
Thorshavn...		29.85	45	WSW	7	r	29.79	-1.8	38	*	+5	W	7	0	*	*							*
BRITISH ISLANDS.																							
Sumburgh Head		30.09	41	WSW	4	r	29.81	-1.6	44	42	+8	SW	5	0	46	35	c. r						0.09
Stornoway...		30.13	45	SW	3	0	30.11	-1.2	46	45	+9	W	4	0	47	36	c. adjm. bc						0.02
Castlebay (Barra Id.)		30.32	46	WNW	3	d	30.20	-0.8	48	47	+5	W	3	0	48	43	cf. a. d. cor						0.05
Malin Head...		30.36	45	W	2	om	30.28	-0.3	45	45	0	SW	3	0	46	45	bc.						*
Blacksod Pt.		30.39	45	SSW	1	om	30.32	-0.6	47	47	+2	WSW	5	0	47	43	om						*
Valencia...		30.45	47	S	1	c	30.42	-0.0	47	46	+2	S	2	0	49	44	ap. a. c. bc.						0.05
Roche's Point...		30.48	46	WSW	2	c	30.47	+0.4	47	47	+4	S	2	0	47	43	com. c. op. c						0.04
Birr Castle...		30.44	43	Z	0	b	30.42	+0.1	39	38	-2	Z	0	0	46	37	c. b.						1.8
Donaghadee...		30.42	44	W	2	0	30.38	+0.6	42	41	+1	W	1	0	46	41	bc. o. om						*
Liverpool Obsy...		30.44	44	WNW	3	0	30.44	+1.3	43	40	-1	W	3	0	46	42	o. b. p. o						2.1
Holyhead...		30.46	46	NW	2	cm	30.44	+0.8	46	44	0	W	2	0	47	43	c. cm						*
Pembroke (St. Ann's Bdg.)		30.46	45	NW	1	c	30.46	+1.0	45	40	0	WSW	2	0	49	44	cr						2.2
Scilly (St. Mary's)		30.46	47	NNE	1	og	30.49	+0.8	46	44	+1	WNW	2	0	48	43	cg. og						0.1
Jersey (St. Aubina)		30.44	47	WNW	2	ogm	30.51	+1.3	44	42	-2	WNW	2	0	51	43	bc. cgm. ogm						1.8
Portland Bill		30.41	47	NW	2	0	30.47	+1.5	46	44	0	NNW	1	0	47	44	o						0.1
Dungeness...		30.35	38	NW	3	m	30.45	+1.0	31	30	-8	NW	3	0	44	29	bc. bc. bc.						0.6
Dover...		*	*	*	*	*	30.46	+1.9	32	31	-9	W	1	0	45	30	bc. bc. bc.						5.2
Wick...		30.10	43	NW	2	bc	30.09	-1.0	45	43	+7	W	3	0	45	35							*
Nairn...		30.26	43	W	1	c	30.17	-0.2	43	42	+4	W	1	0	43	34	c. bc. c						2.5
Aberdeen...		30.28	37	SSW	1	b	30.21	+0.2	41	39	+3	SSW	2	0	42	35	bc. b. bz						3.3
Leith...		30.35	41	WSW	3	b	30.30	+0.7	44	41	+6	W	3	0	44	38	b. bz. bz						*
North Shields		30.36	39	WNW	2	bc	30.35	+1.3	42	40	+3	W	3	0	42	35	b. bc						5.5
Spurn Head...		30.36	40	WNW	5	c	30.40	+1.2	40	39	0	W	4	0	42	36	c. of						*
Yarmouth...		30.33	39	WNW	2	bc	30.43	+1.6	32	31	-7	W	2	0	42	32	a. bc. bc. bc.						0.04
Clacton-on-Sea		30.36	36	NNW	1	bc	30.46	+1.4	31	30	-7	WNW	2	0	44	30	bc. bc. bc.						6.0
Nottingham...		30.40	34	N	1	b	30.44	+1.4	39	39	-6	SW	1	0	46	30	c. bc. bc.						1.1
Bath...		30.42	43	W	2	0	30.50	+1.6	41	40	0	Z	0	0	46	40							0.0
Oxford...		30.46	40	Z	0	c	30.52	+1.8	41	39	+4	NW	2	0	44	33	c. o. cm. og						*
London (St. James's Pk)		30.40	43	NW	1	b	30.48	+1.0	34	34	-4	Z	0	0	45	30	o. bc. b. bc.						0.0
GERMANY, & C.																							
The Scaw (Skagen)		30.01	35	NNE	3	b	30.15	+1.3	34	33	+1	WNW	1	0	36	32							*
Fanö...		30.14	32	N	2	b	?	?	37	36	+1	NW	1	0	29	30							*
Cuxhaven...		30.03	38	N	3	b	30.29	+4.2	36	35	+1	NW	2	0	38	34							0.04
The Helder...		30.25	42	WNW	5	c	30.39	+1.4	42	38	+1	NW	2	0	43	39							0.04
Brussels...		*	*	*	*	*	30.46	+1.8	35	34	-4	Z	0	0	41	33							0.08
Berlin...		29.75	55	W	3	0	30.20	+1.3	35	30	+1	NW	3	0	37	34							0.08
Frankfurt...		30.14	37	NW	3	c	30.33	+1.3	35	30	+2	E	1	0	41	33							0.04
Munich...		30.18	32	SW	4	c	30.34	+1.0	29	24	-2	W	3	0	34	28							0.24
FRANCE.																							
C. Gris Nez...		30.36	42	NNW	4	b	30.47	+1.3	40	37	-4	N	3	0	46	39							*
La Hève...		30.41	45	NNW	4	0	30.51	+1.8	39	37	-6	SW	1	0	46	36							*
Brest...		30.49	46	ESE	2	c	30.54	+1.0	46	45	+2	ESE	3	0	50	44							*
Lorient...																							*
Rochefort...		30.41	46	N	2	0	30.49	+0.8	40	39	-6	ESE	2	0	50	39							*
Biarritz...		30.43	46	SSW	2	0	30.43	-0.0	43	42	+2	E	3	0	48	43							0.04
Paris...		30.36	41	NNW	2	0	30.49	+1.7	28	28	-8	Z	0	0	45	28							*
Belfort...		30.30	32	W	5	b	30.46	+0.7	30	30	+2	W	2	0	37	28							0.04
Lyons...		30.35	36	N	1	m	30.46	+0.8	33	31	0	N	4	0	42	32							0.04
Nice...																							*
Perpignan...		30.23	49	NW	4	b	30.29	+0.6	44	38	-2	NNW	4	0	34	42							*
Sanguinaire...		30.01	54	SW	3	m	30.00	+0.4	48	43	-2	N	4	0	64	46							*
SPAIN & PORTUGAL & C.																							
Corunna...																							*
Lisbon...																							*
Gibraltar...																							*
Azores (P. Delgada)...		30.18	48	E	1	b	30.17		47	42													

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

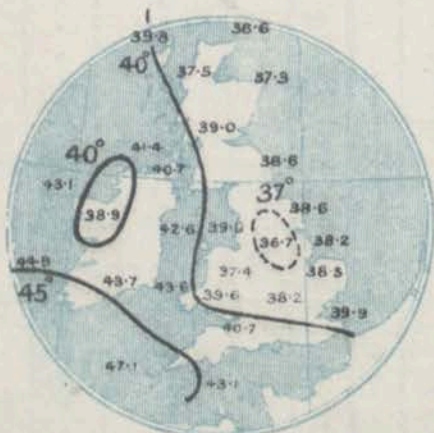
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

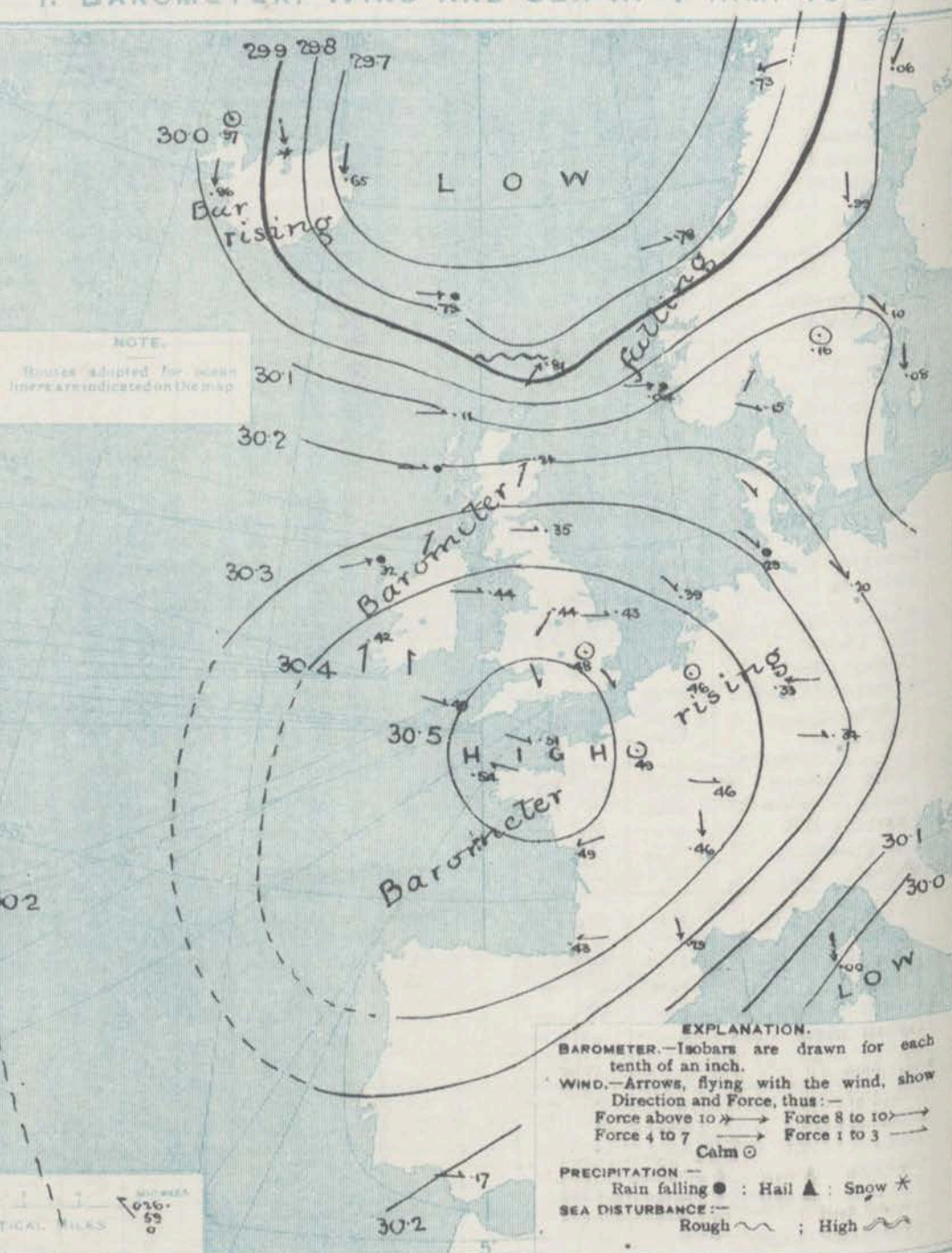


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Saturday WEATHER 31st Dec

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



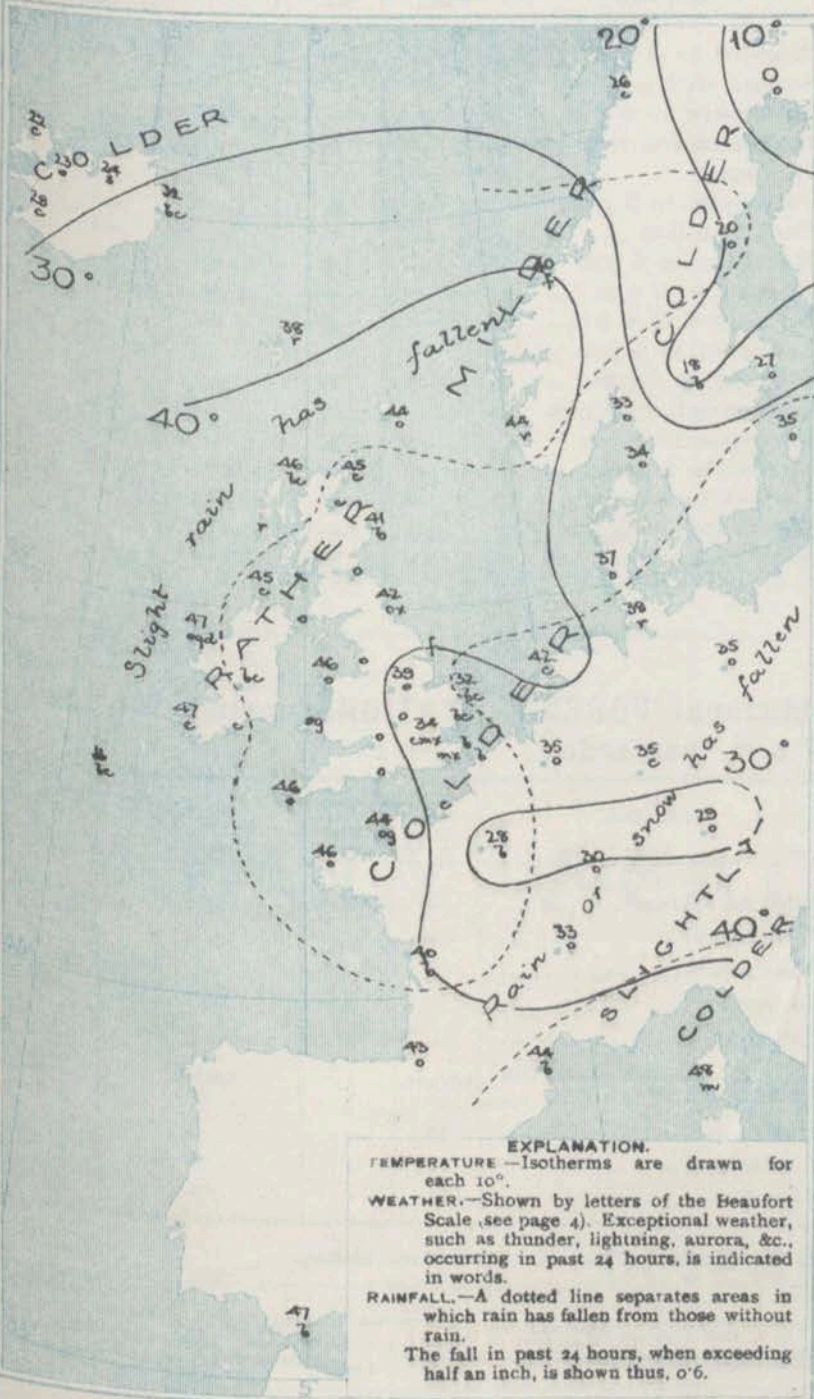
NOTES ON THE GENERAL SITUATION AT 7 A.M.

The centre of the high pressure system, with the barometer above 30½ ins now occupies southern England and northern France. In a depression between Iceland and Norway the barometer is below 29¾ ins. The gradient is moderate over the northern regions, slight elsewhere.

Calm and very light variable breezes prevail over southern England and the western portion of the Continent. Westerly and North Westerly breezes further north, Southerly breezes over Ireland and the adjacent portions of the Atlantic. A high wind is reported at the Arctic, but generally the force is moderate to very light. At the home stations temperature ranges from 31° at Clacton-on-Sea and Dungeness to 48° at Castlebay; on the Continent from 28° at Paris to 47° at Libmanitz; in Scandinavia from 0° at Itapavanda to 44° at Skudenes, and in Iceland from 28° to 32°. Both at home and abroad the sky is mostly very cloudy to overcast, with dull to gloomy weather, slight rain in a few isolated situations, snow locally near the Arctic Circle. Off Dungeness and the Humber the atmosphere is foggy. The sea is slight to very smooth on nearly all coasts.

CHARTS 31st Dec^r. 1910.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 45° and upwards in most parts of the British Isles, to 51° at Jersey. Slight frost occurred in the night in the extreme south east of England, Dungeness registering a shade minimum of 29°, and on the grass Nottingham and Oxford touched 26°, London 25°. The duration of bright sunshine was again very variable, from none at a number of stations to 6 hours at Clacton-on-sea and Harrogate, and 6.7 hours at Felixstowe. On the Atlantic, so far west as the 26th meridian, ships experienced light to moderate southerly to south-westerly breezes and fair to fine weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The southern anticyclone and the northern depression are moving slowly eastward, and there are indications of the existence of a new depression advancing equally slowly from N.W. Atlantic. It is expected, therefore, that a gradual change to a S.W. type of conditions will take place during the ensuing 24 hours.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON Saturday to NOON Sunday.

THE FURTHER OUTLOOK

W. to S.W. breezes, light or moderate, fresh at times locally; cloudy to dull, some rain, mist or fog in places; mild.

Calms and light variable airs, becoming W. or S.W. and freshening somewhat; dull to fair, some mist or fog, showers later; temperature rising.

Wind between W. and S., freshening; cloudy to dull, local mist or fog, some rain; mild.

II WESTERN CHANNEL AND BAY

Light variable to freshening S.W. or S. breezes; sea smooth to moderate, dull, gloomy, misty or foggy; some rain later, fair intervals; mild.

FORECAST DISTRICTS.

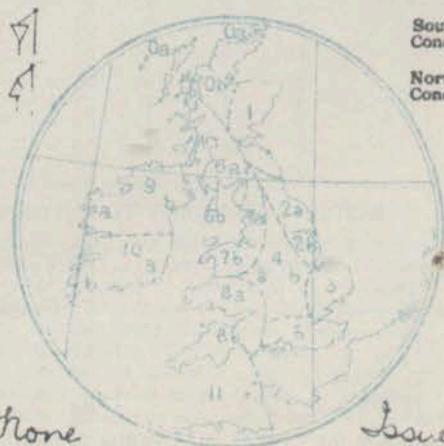
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted
yes day.

Signals hoisted
this morning.

South
Coast.
North
Coast.

South
Coast.
North
Coast.



None

Issued

If the conditions are such that no satisfactory indication of the weather beyond the 24 hours can be given, this column will be left blank.

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.			
Oban, to 6 p.m. ...	48	40	c.b.c.c.	1.1	0.09	Brighton, to 6 p.m. ...	46	39	*	0.9	-
Dublin (City), to 4 p.m.	46	42	c.o.b.	*	-	Seaford, to 6 p.m. ...	45	36	c.b.c.	1.5	-
Blackpool, to 9 p.m. ...	46	41	c	?	0.01	Eastbourne, to 6 p.m. ...	46	40	*	1.5	-
Southport, to 9 p.m. ...	45	42	b.b.c.o	1.6	-	Bexhill-on-Sea, to 9 p.m.	45	37	b.c.b.m.	1.5	-
Rhyl, to 6 p.m. ...	47	44	b.c.o	0.3	-	Hastings ...	*	*	*	1.7	-
Colwyn Bay, to 6 p.m. ...	47	43	b.c.o	0.3	-	Folkestone, to 6 p.m. ...	45	37	b.c.b.	4.5	-
Llandudno, to 9 p.m. ...	48	44	b.b.c.o	1.0	-	Deal, to 6 p.m. ...	44	36	b.c.b.	4.8	-
Bettws-y-Coed, to 6 p.m.	46	32	b	0.0	*	Ramsgate, to 6 p.m. ...	*	*	*	0.6	-
Towyn, to 6 p.m. ...	47	44	b.b.c.o	0.5	0.02	Margate, to 6 p.m. ...	44	40	b	5.5	-
Aberystwyth, to 6 p.m. ...	46	44	*	0.1	-	Felixstowe, to 6 p.m. ...	44	36	*	6.7	-
Plymouth, to 9 p.m. ...	47	43	b.c.o	0.5	-	Lowestoft, to 6 p.m. ...					
Paignton, to 6 p.m. ...	46	38	b.c.o	1.3	-	Skegness, to 6 p.m. ...	43	36		5.0	-
Torquay, to 6 p.m. ...	46	39	*	1.3	-	Scarborough, to 9 p.m. ...	43	37	o.e.b.c.	1.6	-
Teignmouth, to 9 p.m. ...	47	41	b.c.	1.4	-	Harrogate, to 6 p.m. ...	43	35	c.b.c.b.	6.0	0.01
Weymouth, to 6 p.m. ...	46	41	o.c.o.c.	0.1	-	Buxton, to 6 p.m. ...	42	37	c.o.b.c.	1.7	0.01
Bournemouth, to 6 p.m. ...	45	38	o	0.0	-	Darwen, to 9 p.m. ...	42	38	avg. 2.09	0.1	0.03
Southsea, to 6 p.m. ...	45	38	*	0.0	-	Manchester, to 9 p.m. ...	46	41	c.o.b.c.f.o	0.0	-
Bognor, to 6 p.m. ...	45	36	o.c.o	0.3	-	Birmingham, to 9 p.m. ...	44	38	o	0.5	-
Worthing, to 6 p.m. ...	45	35	c	1.4	-						

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Malaga ... 30th Dec. 1910	55	39	b. b	Ins.	Utrecht ... 30th Dec. 1910	41	34	c. c	0.04
Marseilles ...	43	32	b. o	-	Groningen ...	41	34	r. c	0.24
Malta ...	57	47	r	0.35	Zurich ...	*	*	o. o	-
Algiers ...	54	46	r. o	0.16	Geneva ...	*	*	b. b	-
Tunis ...	52	41	o. o	-	Lugano ...	*	*	b. b	-
Palermo ...	50	38	r. m	0.34	Berne ... 29th Dec. 1910	30	*	b	Measured 7.30 a.m. 0.04
Naples ...	52	43	o. b	0.79	Coire ...	28	*	b	-
Brindisi ...	57	47	r. r	0.12	Castasegna ...	30	*	b	-
Rome ...	50	44	o. o	0.24	Davos ...	18	*	b	-
Vienna ...	54	30	b.c. b.c.	-					
St. Petersburg ...	25	12	s. o	-					

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

Ship. and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship. and Hour of Observation.	POSITION.		Reading of Barometer.	WIND.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea			Lat.	Long.		Dir.	Force.	
	0	0	Ins.				0	0	0			0	0	Ins.			
Bordeaux	30th Dec. 4 a.m.	50N	26W	30.08	5	4.5	-	-	-	-							
	7 a.m.	50N	25W	30.10	5	4.5	-	-	-	-							
	3 p.m.	51N	21W	30.18	36E	4.5	-	-	-	-							
	6 p.m.	51N	20W	30.12	35E	1.3	-	-	-	-							
Monte-Carlo	4 a.m.	56N	13W	30.45	SW	4.5	-	-	-	-							
	7 a.m.	56N	13W	30.36	SW	4.5	-	-	-	-							

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. At Gibraltar the evening observations are at 9 p.m.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * Information for these columns is not usually received.
† The figures in the "wet bulb" column represent the relative humidity.
‡ Received too late for insertion in Charts.

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

METEOROLOGICAL OFFICE,
LONDON, S.W.

W. N. SHAW (Director).

1910

Rainfall
Ins.

0.01
0.01
0.03

Rain

Ins.

0.4

2.4

measured
30 a.m.
0.04

Weather.

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y. be

ADDITIONS AND CORRECTIONS

TO THE

DAILY WEATHER REPORT.

DECEMBER 1910.

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.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.													
																					At 32° 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.
Ins.	°				Ins.	Ins.	°	°									Hours.	Ins.															
2.4.2.	Scilly						29.75	-0.08	46	45	0	E	4	ogm	4	46	42	ogm	0.0	0.10													
"	Lorient	29.65	47	NW	1	r	29.76	+0.10	47	46	+3	S	3	o	2	48	48	-	-	0.12													
"	Sanguinaire	29.92	52	W	5	b	29.99	+0.07	51	49	-4	E	2	o	4	57	48	-	-	0.12													
"	Corunna	29.45	50	ESE	3	b	29.72	-0.22	50	47	-4	NE	3	c	3	59	46	-	-	0.17													
"	P. Delgada	29.06	63	N	4	r	29.07	+0.13	62	57	-2	NW	4	bc	3	68	62	-	-	0.20													
4th	Corunna	29.36	63	SW	1	o	29.36	-0.42	54	52	+6	SW	2	r	5	57	48	-	-	0.20													
5th	Helder	29.63	58	SE	3	o	29.53	-0.14	58	-	+3	SE	5	bc	2	41	28	-	-	0.12													
"	Brussels	29.51	-	-	-	-	29.51	-0.10	49	-	+3	SE	5	o	-	51	41	-	-	0.04													
"	Berlin	29.02	31	SE	4	c	29.97	-0.18	36	35	0	SE	3	bc	-	32	25	-	-	0.16													
"	Lorient	29.20	53	S	5	b	29.28	-0.15	52	-	+4	SW	5	o	4	54	43	-	-	0.39													
"	Corunna	29.39	58	WSW	3	o	29.36	-0.00	56	53	+2	S	6	o	3	63	50	-	-	0.04													
"	P. Delgada	29.67	66	W	5	o	29.68	-0.10	63	57	-3	WNW	4	bc	4	68	63	-	-	0.04													
6th	Berlin	29.86	32	E	4	o	29.79	-0.18	30	29	+4	E	2	c	-	36	26	-	-	-													
"	Corunna	29.34	53	S	3	o	29.60	+0.24	54	50	-2	SW	3	o	4	59	44	-	-	0.63													
"	P. Delgada	29.31	62	W	4	b	29.89	+0.21	65	60	+2	SW	7	o	6	65	59	-	-	0.08													
7th	Corunna	29.72	53	SW	1	o	29.36	-0.24	56	53	0	SW	2	r	3	57	50	-	-	0.20													
"	P. Delgada	29.75	61	WNW	5	b	29.68	-0.21	64	60	-1	WSW	5	c	7	68	59	-	-	-													
"	Lorient	29.52	51	WSW	4	b	29.54	+0.27	51	-	+1	SSE	3	o	5	54	50	-	-	-													
8th	Nice	29.93	48	S	0	c	29.27	+0.02	44	43	-2	S	0	r	3	54	43	-	-	0.48													
"	Corunna	29.78	57	SSW	3	o	29.22	-0.44	54	51	0	S	6	r	3	61	50	-	-	0.28													
"	Lisbon	29.61	61	S	6	o	29.50	-0.20	57	50	-4	SW	7	bc	-	64	54	-	-	0.04													
"	P. Delgada	29.88	55	NW	4	b	29.00	-0.32	59	52	-5	NW	4	c	5	64	55	-	-	0.04													
9th	Corunna	29.30	57	W	3	o	29.53	+0.31	54	54	0	SSW	3	o	4	61	52	-	-	0.32													
"	Lisbon	29.67	54	SSW	5	o	29.82	+0.32	55	51	-2	S	3	o	-	61	52	-	-	0.25													
"	P. Delgada	29.87	63	WSW	5	bc	29.72	-0.28	62	61	+3	WNW	5	m	6	64	57	-	-	0.04													
10th	Corunna	29.25	58	SW	6	b	29.10	-0.43	53	51	-1	WSW	3	o	5	64	50	-	-	-													
"	P. Delgada	29.76	62	WNW	7	c	29.94	+0.72	59	53	-3	WNW	5	m	7	66	59	-	-	0.04													
11th	Brussels	-	-	-	-	-	29.29	-0.00	47	-	+2	SSE	5	o	-	52	44	-	-	-													
12th	Corunna	29.51	53	WSW	3	o	29.51	-0.02	54	-	0	WNW	7	o	8	59	50	-	-	0.64													
"	Lisbon	29.06	55	SSW	4	c	29.93	+0.09	58	55	+5	S	2	r	-	59	53	-	-	0.20													
"	P. Delgada	29.91	61	S	0	m	29.88	-0.12	62	61	-1	WSW	4	o	4	66	61	-	-	0.12													
13th	Corunna	29.80	56	SW	3	o	29.67	+0.16	55	52	+1	WSW	6	o	6	59	50	-	-	0.24													
"	Lisbon	29.91	59	SW	5	r	29.95	+0.02	59	58	+1	SW	3	bc	-	61	58	-	-	0.35													
"	P. Delgada	29.92	63	W	4	c	29.95	+0.07	62	61	0	SW	2	c	4	64	62	-	-	0.12													
14th	Corunna	29.80	56	SW	3	o	29.08	+0.41	55	53	0	WSW	6	bc	6	66	50	-	-	0.24													
"	P. Delgada	29.91	66	SW	6	o	29.91	-0.04	63	62	-1	WSW	4	o	4	66	62	-	-	0.12													
15th	Corunna	29.73	66	SSW	3	r	29.10	+0.02	59	55	+4	SSW	3	o	6	64	52	-	-	0.32													
"	P. Delgada	29.92	66	SSW	6	m	29.80	-0.11	64	64	+1	SSW	7	m	6	66	63	-	-	-													
16th	Corunna	29.96	57	SSW	6	r	29.97	-0.13	55	52	-4	SW	6	o	7	63	50	-	-	0.35													
"	Lisbon	29.25	61	S	4	o	29.24	+0.02	62	61	+2	SSW	4	o	6	63	59	-	-	-													
"	P. Delgada	29.92	63	W	4	m	29.10	+0.30	59	54	-5	WNW	4	o	6	66	59	-	-	0.20													
17th	Pembroke	28.74	49	WSW	9	ogm	29.44	+0.55	47	45	-4	WNW	6	r	7	53	47	ogm	0.0	0.06													
"	Brussels	-	-	-	-	-	29.49	-0.14	50	-	+5	S	6	o	-	54	44	-	-	0.28													
"	Belfort	29.89	50	WSW	6	o	29.78	-0.19	45	45	+1	S	0	r	-	50	44	-	-	0.61													
"	Corunna	29.93	57	SW	3	r	29.05	+0.08	55	53	0	W	8	o	8	61	50	-	-	0.63													
"	P. Delgada	29.30	54	NNE	2	b	29.59	+0.49	53	48	-6	NW	1	bc	2	61	53	-	-	-													
18th	Sanguinaire	29.02	51	W	4	m	29.05	-0.03	50	47	-	E	3	o	6	51	48	-	-	0.08													
"	Corunna	29.52	55	NW	3	b	29.61	+0.16	52	50	-1	ENE	1	o	5	61	48	-	-	0.08													
20th	Bianica	29.52	48	S	0	o	29.50	+0.03	45	48	+2	SSE	2	bc	4	50	46	-	-	0.04													
"	Sanguinaire	29.12	49	E	3	o	29.34	+0.29	50	48	0	E	2	m	4	59	46	-	-	-													
"	Corunna	29.40	55	E	1	b	29.53	-0.08	46	43	-6	SE	1	bc	5	59	39	-	-	-													
"	P. Delgada	29.35	61	W	3	o	29.47	+0.12	58	54	-3	NE	4	o	3	66	58	-	-	0.16													
21st	Sanguinaire	29.30	58	E	2	o	29.26	-0.08	48	-	-2	E	3	m	1	66	46	-	-	-													
"	Corunna	29.41	54	SSW	1	bc	29.44	-0.29	52	50	+6	SSW	3	r	4	60	46	-	-	0.39													
"	Lisbon	29.41	51	S	1	b	29.23	-0.27	52	51	+1	SW	4	r	-	55	46	-	-	0.04													
"	P. Delgada	29.63	57	N	3	bc	29.67	+0.20	56	49	-7	N	4	o	3	61	55	-	-	-													
22nd	Corunna	29.22	46	ESE	3	r	29.22	+0.08	41	39	-11	SE	3	o	8	59	37	-	-	0.29													
"	P. Delgada	29.69	56	NNE	4	o	29.60	-0.07	54	51	-2	N	5	r	3	57	54	-	-	0.04													
23rd	Bianfity	29.22	50	E	2	c	29.41	+0.21	38	-	-7	ESE	2	f	4	55	37	-	-	-													
"	Corunna	29.16	54	NNE	3	c	29.36	+0.44	45	43	+4	NE	1	f	8	61	39	-	-	-													
"	P. Delgada	29.43	56	NNE	5	b	29.34	-0.26	55	53	+1	ENE	5	m	4	57	54	-	-	0.04													
24th	Malin Head	-	-	-	-	-	29.63	-0.28	47	47	0	WNW	7	rmg	6	57	47	rmg	0.10	-													
"	Sanguinaire	29.36	52	E	1	cm	29.31	+0.03	51	48	+3	E	3	o	3	57	41	-	-	-													
"	Corunna	29.29																															

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WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS.—DECEMBER, 1910.

Date of Report in which Observations appeared.	Ship and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance
		Lat.	Long.		Direc.	Force.		Air.			
				Dry Bulb.			Wet Bulb.	Sea.			
		°	°	In.				°	°	°	
Corrections.											
3rd Dec.	Adriatic	2nd Dec. Jan.			NE						
5th	Minnehaha	4th Jan.	22 W								
"	California	3rd Jan.	23 W								
"	Caledonia	4th Jan.		29.50							
"	Mauretania	4th Jan.		29.10							
"	"	Jan.		29.05							
"	"	3pm.		28.97							
6th	Oceanic	5th Jan.		28.89							
8th	Kronland	6th Jan.	49 N								
9th	Express of Ireland	8th Jan.		28.89							
12th	Minnetonka	11th Jan.	50 N								
"	"	6pm.	10 W								
14th	Furnessia	12th Jan.		28.48							
"	Minnetonka	13th Jan.				8.9					
"	"	Jan.					bc				
16th	Baltic	13th Jan.		28.84							
"	"	Jan.		29.07							
18th	Mount Temple	15th Jan.		29.19							
"	"	17th Jan.		29.45							
"	Canada	16th Jan.				4.5					
"	"	16th Jan.					No Weather				
"	Columbia	15th Jan.	53 N								
"	"	16th Jan.				4.5					
19th	H.M.S.	19th Jan.	5.56 W								
20th	Caronia	19th Jan.	50 N								
23rd	Kronland	21st Jan.									
"	Philadelphia	21st Jan.	49 N								
24th	Oceanic	23rd Jan.		30.24							
25th	Monmouth	23rd Jan.	23 W								
"	"	6pm	23 W								
29th	Lapland	27th Jan.		30.39							