

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1906.

DAILY WEATHER REPORT.

July to December 1906.



DAILY WEATHER REPORT. APPENDIX I.

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

THIRD QUARTER, JULY TO SEPTEMBER.

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

JULY.

AUGUST.

SEPTEMBER.

STATIONS.	PRESSURE. 1871-1905. 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.				
Sumburgh Head.....	Inches.	°	°	°	°	°		°		Inches.	Hours.	%	
Stornoway.....	29.817	53.2	51.5	57.4	48.3	70	1897	37	1888	18	3.40	—	
Malin Head.....	29.834	55.3	53.5	60.5	49.0	76	1894	32	1888	21	3.03	143.8	
Blackod Point.....	29.882	56.2	54.1	61.0	53.3	[75]†	[1887]†	[42]†	[1888, 1902]†	[20]†	[2.89]†	—	
Valencia.....	29.922	57.8	55.3	62.3	53.9	[80]†	[1894]†	[42]†	[1898]†	[21]†	[3.02]†	—	
Roche's Point.....	29.968	59.2	56.6	64.0	53.9	80	1878	42	1898	20	3.89	153.5	
Birr Castle.....	29.907	59.1	56.2	65.7	53.8	84	1876	45	1888	15	3.06	—	
Donaghadee.....	29.947	58.1	55.1	66.5	51.7	89	1876	37	1889	17	3.02	139.0	
Liverpool (Observatory).....	29.915	57.3	55.4	63.4	52.0	81	1876	40	1883, 1902	18	2.97	—	
Holyhead.....	29.937	59.5	56.6	66.1	54.4	89	1873	44	1877	16	2.90	—	
Pembroke (St. Ann's Hd.).....	29.942	58.4	56.1	63.7	54.1	85	1901	43	1888	15	2.59	—	
Scilly (St. Mary's).....	29.964	58.2	56.3	62.7	55.0	80	1878	45	1888	15	2.55	206.1	
Jersey (St. Aubin's).....	29.992	60.6	58.3	65.0	56.6	75	1886, 1901, 02	48	1875	16	2.38	218.6	
Portland Bill.....	30.021	62.6	59.2	68.8	56.6	90	1873	45	1902	13	2.30	249.8	
Dungeness.....	[30.036]‡	[60.7]‡	[58.4]‡	[66.1]‡	[56.2]‡	[79]‡	[1901]‡	[49]‡	[1900]‡	[10]‡	[1.50]‡	—	
Wick.....	29.973	62.0	58.7	67.1	56.0	82	1900	40	1890	12	1.67	—	
Nairn.....	29.845	55.8	53.6	61.7	48.9	81	1876	30	1886	18	2.74	—	
Aberdeen.....	29.849	56.9	53.7	64.6	50.1	86	1876	37	1886, 97, 98, 1903	18	2.77	—	
Leith.....	29.864	57.5	53.8	63.7	50.7	86	1876	38	1898, 1903	17	2.90	163.1	
North Shields.....	29.878	58.4	55.0	66.7	51.5	90	1876	41	1881, 88, 92, 1903	16	2.77	—	
Spurn Head.....	29.897	58.3	55.2	64.5	52.1	85	1876	40	1885	15	2.66	—	
Yarmouth.....	29.924	59.7	56.7	65.3	55.1	[84]*	[1881, 1900]*	[44]*	[1888]*	13	1.82	—	
Clacton-on-Sea.....	29.944	61.0	57.7	66.4	55.0	87	1881	42	1872, 90	14	2.65	—	
Nottingham.....	[30.042]‡	[61.2]‡	[59.4]‡	[67.0]‡	[56.0]‡	[82]‡	[1905]‡	[40]‡	[1902]‡	[9]‡	[1.69]‡	[258.2]‡	
Bath.....	29.956	60.9	57.1	70.8	52.2	92	1876	37	1888	16	2.60	[229.8]‡	
Oxford.....	[30.024]‡	[61.7]‡	[57.6]‡	[72.1]‡	[54.5]‡	[91]‡	[1876]‡	[41]‡	[1881]‡	13	2.67	[222.6]‡	
LONDON (Westminster).....	29.972	60.3	56.7	70.4	53.6	90	1876, 1900	41	1888	13	2.56	202.9	
Brixton.....	[30.055]**	[61.2]**	[59.0]**	[74.6]**	[58.3]**	[81]**	[1905]**	[52]**	[1905]**	[9]**	[1.15]**	181.0	
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	
Malin Head.....	29.838	56.3	54.2	61.6	53.7	[80]†	[1900]†	[43]†	[1891]†	[21]†	[3.51]†	—	
Blackod Point.....	29.877	58.0	55.4	62.3	54.0	[78]†	[1899]†	[42]†	[1887, 88]†	[23]†	[4.88]†	—	
Valencia.....	29.929	59.3	56.8	64.4	54.1	81	1899	42	1890	22	5.14	153.1	
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	
Donaghadee.....	29.879	58.8	55.2	62.7	52.2	78	1899	38	1886	19	3.45	—	
Liverpool (Observatory).....	29.906	58.6	55.2	65.5	54.3	85	1876, 84, 93, 99	44	1885	17	3.08	—	
Holyhead.....	29.908	58.5	56.4	63.8	51.5	83	1893	45	1883	16	3.23	—	
Pembroke (St. Ann's Hd.).....	29.931	58.7	56.7	63.1	55.7	78	1874, 99	47	1885, 88	16	3.06	193.5	
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	
Jersey (St. Aubin's).....	29.998	63.1	59.7	69.0	57.3	89	1893	45	1890	15	2.54	243.0	
Portland Bill.....	[29.973]‡	[59.8]‡	[57.4]‡	[65.3]‡	[56.0]‡	[78]‡	[1901]‡	[49]‡	[1904]‡	[15]‡	[2.72]‡	—	
Dungeness.....	29.954	62.0	58.9	67.5	56.5	82	1904	39	1890	13	1.98	—	
Wick.....	29.809	55.3	53.3	61.2	48.5	85	1893	30	1888	19	2.74	—	
Nairn.....	29.815	56.7	53.0	63.8	49.6	86	1899	33	1885, 91, 1904	19	2.65	—	
Aberdeen.....	29.832	56.5	53.3	62.9	50.0	81	1880, 82, 99	33	1885	18	3.08	152.7	
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]‡	
Nottingham.....	29.933	58.8	55.9	69.0	51.5	94	1876	37	1876	17	2.61	[197.1]‡	
Bath.....	[29.955]‡	[58.8]‡	[56.6]‡	[69.5]‡	[52.3]‡	[92]‡	[1876]‡	[40]‡	[1877, 1904]‡	14	2.87	[188.7]‡	
Oxford.....	29.954	58.8	53.9	69.2	52.9	90	1876	39	1892	14	2.38	184.9	
LONDON (Westminster).....	[29.881]**	[60.1]**	[56.2]**	[68.3]**	[54.3]**	[74]**	[1905]**	[46]**	[1905]**	[15]**	[2.51]**	168.0	
Brixton.....	29.961	60.9	57.2	71.8	53.6	96	1876	39	1887, 90	14	2.39	—	
Sumburgh Head.....	29.800	50.8	49.1	54.9	46.3	69	1898	34	1887, 88	20	3.32	—	
Stornoway.....	29.816	51.4	50.1	57.1	45.8	72	1898	32	1871, 75, 85, 1901	21	4.08	114.1	
Malin Head.....	29.866	53.7	51.5	58.6	51.0	[78]†	[1898]†	[38]†	[1886]†	[19]†	[2.95]†	—	
Blackod Point.....	29.902	55.4	52.9	59.7	51.5	[78]†	[1898]†	[39]†	[1899]†	[21]†	[4.26]†	—	
Valencia.....	29.956	56.4	54.0	61.8	51.4	79	1898	35	1899	20	4.50	129.6	
Roche's Point.....	29.964	55.8	53.7	61.8	51.3	74	1880	39	1893	15	3.52	—	
Birr Castle.....	29.947	52.8	51.0	61.8	47.3	79	1880, 98	29	1899	17	2.76	127.9	
Donaghadee.....	29.918	53.7	52.4	60.1	49.4	74	1898	36	1892, 94, 99	17	2.84	—	
Liverpool (Observatory).....	29.950	54.7	52.0	61.4	50.8	82	1880	39	1885	17	2.96	—	
Holyhead.....	29.943	55.9	53.7	60.8	52.2	78	1880	42	1903	16	2.96	—	
Pembroke (St. Ann's Hd.).....	29.962	56.3	54.1	60.5	53.1	74	1895	40	1885	16	3.10	148.9	
Scilly (St. Mary's).....	29.979	58.7	56.5	62.3	54.9	73	1899	44	1885, 83	17	3.03	169.7	
Jersey (St. Aubin's).....	30.009	60.2	57.0	65.9	54.9	86	1895	41	1891	16	2.92	182.1	
Portland Bill.....	[30.029]‡	[57.2]‡	[54.8]‡	[62.9]‡	[53.6]‡	[69]‡	[1900]‡	[43]‡	[1902, 03]‡	[13]‡	[2.26]‡	—	
Dungeness.....	29.985	57.9	55.6	64.1	52.9	78	1898, 99	32	1885	14	2.30	—	
Wick.....	29.833	52.1	50.3	58.0	45.8	78	1898	29	1885, 87	19	2.59	—	
Nairn.....	29.846	51.7	49.4	60.0	45.8	83	1898	25	1892	17	2.37	—	
Aberdeen.....	29.870	52.5	50.0	59.3	46.7	81	1898	30	1887	18	2.71	123.2	
Leith.....	29.889	53.6	50.9	62.2	47.6	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	1.69	—	
Yarmouth.....	29.961	56.6	54.3	62.3	51.4	78	1880, 98						

* Results for 25 years, 1881-1905.
† " 21 " 1871-1884 and 1899-1905.
‡ " 20 " 1886-1905.

DAILY WEATHER REPORT. APPENDIX I.

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

FOURTH QUARTER, OCTOBER TO DECEMBER.

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

OCTOBER.

NOVEMBER.

DECEMBER.

STATIONS.	PRESSURE. 1871-1905. 8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905. Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1905. Average Duration. Per Centage of Possible Duration.	
		Means of				Absolute Extremes.							
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
	Inches.	°	°	°	°	°		°		Inches.	Hours.	%	
Sumburgh Head	29.721	45.9	44.2	49.7	41.7	61	1898	26	1875	25	4.38	—	—
Stornoway	29.752	45.4	44.3	51.3	40.3	70	1898	26	1880	24	5.69	84.3	27
Malin Head	29.804	48.4	46.4	52.6	45.6	[69]†	[1898]†	[32]†	[1892]†	[22]†	3.22	—	—
Blackod Point	29.853	49.7	46.9	54.2	45.9	[70]†	[1898]†	[29]†	[1905]†	[23]†	5.13	—	—
Valencia	29.891	50.9	48.7	56.4	46.2	69	1898	28	1892	22	5.48	102.7	32
Roche's Point	29.893	50.1	48.3	55.8	46.1	65	1880, 84, 86	32	1881	17	4.17	—	—
Birr Castle	29.887	45.5	44.1	54.7	40.6	69	1898	22	1880, 1905	18	2.93	98.0	30
Donaghadee	29.846	47.8	46.4	53.8	43.5	66	1898	21	1892	19	2.97	—	—
Liverpool (Observatory)	29.876	47.8	45.7	53.8	44.6	72	1886	27	1895	19	3.54	—	—
Holyhead	29.897	50.3	48.2	54.7	46.9	71	1886	32	1892	20	4.33	—	—
Pembroke (St. Ann's Hd.)	29.885	51.3	49.3	55.1	48.0	66	1872, 86	33	1895	20	4.02	103.6	32
Scilly (St. Mary's)	29.903	53.9	51.7	57.0	50.1	69	1895	38	1895, 96	21	3.76	115.4	35
Jersey (St. Aubin's)	29.935	53.6	50.9	58.7	49.0	73	1876, 98, 1900	33	1887	20	4.52	126.0	38
Portland Bill	[29.961]‡	[52.4]‡	[49.8]‡	[57.1]‡	[48.5]‡	[65]‡	[1901]‡	[35]‡	[1905]‡	[17]‡	[3.06]‡	—	—
Dungeness	29.913	50.4	48.6	56.7	46.0	70	1886	23	1890	16	3.24	—	—
Wick	29.754	46.0	44.4	51.9	40.4	73	1898	22	1885	21	3.23	—	—
Nairn	29.774	44.6	42.8	52.4	39.6	72	1898	19	1896	19	2.47	—	—
Aberdeen	29.793	45.6	43.6	52.5	41.2	74	1883	25	1880	20	2.94	98.6	31
Leith	29.816	46.6	44.6	54.7	41.6	70	1898	25	1894	16	2.19	—	—
North Shields	29.837	46.9	45.2	53.5	42.2	69	1898	27	1890, 92, 95	17	2.93	—	—
Spurn Head	29.859	49.0	47.5	53.8	45.6	[70]*	[1900]*	[33]*	[1887, 95]*	16	2.26	—	—
Yarmouth	29.885	49.3	47.6	54.5	44.7	74	1900	27	1895	18	2.91	—	—
Clacton-on-Sea	[30.046]‡	[47.4]‡	[45.6]‡	[55.7]‡	[45.1]‡	[69]‡	[1904]‡	[29]‡	[1905]‡	[16]‡	[1.71]‡	[110.6]‡	[34]‡
Nottingham	29.899	45.5	44.3	55.1	41.5	75	1895	20	1890	20	2.60	88.6	27
Bath	[29.945]‡	[47.7]‡	[46.2]‡	[57.6]‡	[42.5]‡	[73]‡	[1873]‡	[24]‡	[1905]‡	15	3.05	93.0	29
Oxford	29.921	46.2	44.8	55.7	42.1	76	1886	22	1873	15	2.76	100.6	31
LONDON { Westminster	[30.029]**	[43.6]**	[41.7]**	[53.0]**	[38.7]**	[61]**	[1905]**	[29]**	[1905]**	[16]**	[1.01]**	68.7	21
LONDON { Brixton	29.921	47.7	46.1	56.8	42.9	80	1886	24	1890	16	2.73	—	—
Sumburgh Head	29.718	42.5	40.8	46.0	38.5	58	1901	21	1875	24	3.96	—	—
Stornoway	29.742	42.6	41.5	47.0	37.5	58	1897, 1901, 02	20	1880	24	5.41	41.4	18
Malin Head	29.784	44.5	42.7	48.3	41.4	[59]†	[1894, 99]†	[31]†	[1889]†	[21]†	3.23	—	—
Blackod Point	29.830	45.8	43.9	49.8	41.9	[60]†	[1897, 99]†	[26]†	[1890]†	[24]†	5.29	—	—
Valencia	29.893	47.4	45.4	52.3	42.8	63	1881	27	1890, 96, 1901	22	5.67	64.8	25
Roche's Point	29.899	46.4	44.9	51.3	42.3	61	1875	27	1890	18	4.69	—	—
Birr Castle	29.879	41.8	40.5	49.2	37.1	63	1872	19	1905	19	3.10	62.9	25
Donaghadee	29.848	44.0	42.8	48.9	39.8	60	1894	27	1878, 83	19	3.20	—	—
Liverpool (Observatory)	29.891	42.9	41.1	48.2	39.9	63	1872	22	1880	17	2.65	—	—
Holyhead	29.874	46.2	44.4	50.0	42.9	62	1881	29	1880	19	4.14	—	—
Pembroke (St. Ann's Hd.)	29.898	47.3	45.6	50.7	43.8	58	1884, 95, 97, 99, 1901, 2	28	1890	20	3.94	62.3	24
Scilly (St. Mary's)	29.917	50.2	48.1	53.0	46.5	61	1898	29	1890	20	3.68	75.6	28
Jersey (St. Aubin's)	29.962	48.0	45.9	52.6	44.2	66	1899	16	1890	20	4.10	76.2	28
Portland Bill	[29.938]‡	[46.6]‡	[44.8]‡	[51.0]‡	[42.9]‡	[61]‡	[1900]‡	[30]‡	[1902]‡	[14]‡	[2.11]‡	—	—
Dungeness	29.930	44.9	43.5	50.1	40.8	63	1899	17	1890	17	2.65	—	—
Wick	29.750	42.0	40.5	46.7	36.8	62	1900	15	1884, 1904	20	2.81	—	—
Nairn	29.771	40.5	38.9	46.4	35.5	61	1885, 94	12	1904	17	2.21	—	—
Aberdeen	29.802	41.1	39.3	48.6	37.1	62	1872, 89	15	1880, 84	20	3.22	54.5	23
Leith	29.825	42.3	40.6	48.5	37.6	64	1872	18	1885	16	2.17	—	—
North Shields	29.851	42.7	41.1	48.0	38.2	62	1894	20	1880	16	2.44	—	—
Spurn Head	29.880	43.8	42.5	47.7	40.6	[61]*	[1894, 95]*	[28]*	[1884]*	17	1.98	—	—
Yarmouth	29.903	43.6	42.3	48.0	39.4	60	1895, 98, 99, 1904	23	1890	18	2.70	—	—
Clacton-on-Sea	[29.878]‡	[41.0]‡	[40.0]‡	[47.9]‡	[39.0]‡	[59]‡	[1902]‡	[25]‡	[1904]‡	[11]‡	[1.55]‡	[78.4]‡	[30]‡
Nottingham	29.916	40.7	39.6	48.0	36.9	63	1895	13	1904	20	1.99	33.5	13
Bath	[29.981]‡	[40.7]‡	[39.5]‡	[50.3]‡	[37.4]‡	[64]‡	[1879]‡	[18]‡	[1901]‡	15	2.95	54.2	21
Oxford	29.938	41.4	40.2	48.7	37.7	63	1899	17	1904	15	2.34	56.5	22
LONDON { Westminster	[29.993]**	[40.7]**	[39.6]**	[47.9]**	[36.7]**	[56]**	[1905]**	[25]**	[1905]**	[19]**	[3.01]**	26.6	10
LONDON { Brixton	29.938	42.6	41.1	49.6	38.4	65	1894	19	1879	15	2.35	—	—
Sumburgh Head	29.646	40.2	38.7	43.1	36.1	53	1890, 1905	19	1877	26	4.45	—	—
Stornoway	29.689	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	29.799	43.4	41.5	47.2	39.4	[59]†	[1899]†	[26]†	[1896]†	[27]†	5.81	—	—
Valencia	29.875	45.3	43.2	50.0	40.7	57	1884, 88, 99, 1900	24	1886	25	6.21	41.0	17
Roche's Point	29.890	44.1	42.7	48.5	40.0	58	1873	25	1882	20	5.32	—	—
Birr Castle	29.866	39.0	37.8	45.6	34.3	58	1877, 1900	8	1878	20	3.07	43.9	19
Donaghadee	29.819	41.1	40.1	46.1	36.9	56	1885, 88, 94	20	1879	20	2.96	—	—
Liverpool (Observatory)	29.878	39.4	37.7	44.3	36.1	59	1891, 98, 1900	13	1878	18	2.46	—	—
Holyhead	29.860	43.3	41.6	46.7	39.5	56	1872, 88	25	1874	20	3.80	—	—
Pembroke (St. Ann's Hd.)	29.898	44.4	42.9	47.5	40.9	57	1899, 1902	19	1890	21	4.03	42.3	18
Scilly (St. Mary's)	29.929	47.7	45.8	50.4	43.9	58	1899, 1900	30	1890	22	4.21	57.6	23
Jersey (St. Aubin's)	29.989	44.0	42.2	48.1	40.2	61	1876	19	1871	20	3.84	61.7	25
Portland Bill	[29.923]‡	[44.5]‡	[43.1]‡	[47.8]‡	[41.0]‡	[55]‡	[1900]‡	[25]‡	[1902]‡	[18]‡	[2.54]‡	—	—
Dungeness	29.949	40.7	39.6	45.3	36.5	56	1880, 97, 98, 1900	12	1890	16	2.24	—	—
Wick	29.681	38.9	37.6	43.1	33.6	56	1898	10	1880	22	2.99	—	—
Nairn	29.709	37.6	36.1	42.6	32.4	58	1900	10	1882	18	2.08	—	—
Aberdeen	29.745	37.7	36.0	42.5	33.5	58	1873	6	1882	20	3.06	37.0	

* Results for 25 years, 1881-1905.
† " 21 " 1871-1884 and 1899-1905.
‡ " 20 " 1886-1905.

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

DAILY WEATHER REPORT.

Saturday,

Meteorological Office, London.

1st December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
		At 92° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)		Max.	Min.					
SCANDINAVIA.	Haparanda...	29.10	3	N	2	b	29.34	+4.3	-4	-4	-20	2	0	b	*	25	?	*	*	Hours.	Ins.
	Hernösand ...	29.09	23	E	4	o	29.45	+6.1	17	17	-12	NW	2	b	*	30	27	*	*	*	-
	Stockholm ...	28.98	32	WNW	2	s	29.33	+3.6	30	29	-3	N	4	o	*	41	30	*	*	*	0.04
	Wisby...	29.03	39	NW	8	c	29.28	+2.4	36	35	-7	NE	4	r	*	46	36	*	*	*	0.32
	Karlstad ...	29.10	35	W	2	bc	29.44	+4.6	30	27	-5	N	4	c	*	*	*	*	*	*	-
	Færder (X'ania Fjord)	29.12	39	WNW	2	b	29.45	+4.5	38	33	-3	NNW	4	c	*	41	37	*	*	*	-
	Bodö ...	29.24	20	E	2	b	29.50	+5.8	19	17	-6	E	2	b	*	?	?	*	*	*	-
	Christiansund ...	29.23	39	NNW	4	s	29.58	+6.1	36	35	-1	W	2	s	*	39	34	*	*	*	0.12
Skudesnaes ...	29.24	39	NNW	4	bc	29.56	+3.9	35	33	-4	N	6	b	*	39	34	c, bc	*	*	0.20	
BRITISH ISLANDS.	Sumburgh Head	29.18	37	NE	3	o	29.70	+6.0	35	34	-5	N	3	o	4	41	33	o	*	*	0.17
	Stornoway ...	29.49	39	W	6	o	30.05	+5.8	38	37	-2	NW	2	bc	2	42	36	hp, c, o	1.5	*	0.34
	Malin Head ...	29.77	43	WNW	9	rhq	30.10	+4.2	45	42	+1	NW	8	crh, q	6	45	37	c, rh, q	*	*	0.13
	Blacksod Pt. ...	30.08	43	WNW	5	cqpm	30.31	+3.6	44	42	-1	WNW	4	cm	4	47	42	cqpm	*	*	0.08
	Valencia ...	30.19	47	NW	5	bcp	30.37	+3.3	47	42	-1	NW	4	bc	5	49	43	ov, bcp	0.6	*	0.03
	Roche's Point ...	30.11	45	NNW	4	b	30.35	+3.3	43	41	-8	NW	3	bc	2	48	42	og, b	*	*	-
	Birr Castle ...	30.05	41	W	4	c	30.27	+3.2	38	36	-4	NW	3	b	*	45	35	c	1.0	*	-
	Donaghadee ...	29.83	45	WSW	4	c	30.13	+3.5	42	41	0	NW	4	rsq	5	45	38	b, crq	*	*	0.07
	Liverpool Obsy...	29.80	43	W	6	p	30.05	+2.2	44	41	-2	NW	6	b	6	47	40	-	*	*	0.06
	Holyhead ...	29.88	45	WNW	7	cq	30.10	+2.3	45	43	-2	N	8	c	6	47	42	c, cq	*	*	-
	Pembroke (St. Ann's Hd.)	29.99	46	NW	5	c	30.17	+2.3	44	40	-7	N	6	cq	6	52	42	og, cq	0.0	*	0.14
	Scilly (St. Mary's) ...	30.05	47	NNW	5	c	30.29	+2.7	47	42	-5	NNW	6	c	5	52	45	r, c	0.0	*	0.41
	Jersey (St. Aubins) ...	29.96	49	NW	4	orm	30.12	+0.3	47	41	-6	NW	5	chp	5	55	45	orm	0.0	*	0.49
	Portland Bill ...	29.94	48	NW	4	c	30.04	+1.2	45	42	-9	NNW	8	b	6	54	44	r, c	*	*	0.11
	Dungeness ...	29.83	46	WNW	2	o	29.83	-0.1	39	36	-16	NW	5	b	4	55	37	r, o	0.0	*	0.20
	Wick ...	29.18	36	N	5	r	29.90	+5.5	38	36	+2	N	2	bc	2	41	34	hp, r, bc	*	*	0.35
Nairn ...	29.37	37	W	3	bc	29.96	+4.9	37	36	0	W	1	b	2	41	34	-	2.3	*	0.35	
Aberdeen ...	29.35	39	W	6	r	29.91	+4.3	38	37	-1	WNW	4	b	3	42	37	b, oq, b	6.2	*	0.17	
Leith ...	29.55	39	WSW	5	b	29.99	+3.8	42	37	+1	W	3	b	*	43	37	-	*	*	0.02	
North Shields	29.61	38	W	4	bc	29.90	+2.6	40	37	-4	NW	4	bc	4	46	37	cp, bc	*	*	-	
Spurn Head ...	29.65	43	W	5	bq	29.78	+1.3	41	40	-7	NW	7	cq	5	48	40	-	*	*	0.01	
Yarmouth ...	29.73	44	NW	5	bc	29.70	-0.0	40	39	-13	NNW	6	c	5	53	38	c, bc	*	*	0.12	
Clacton-on-Sea ...	29.81	44	WNW	3	c	29.79	-0.2	40	37	-12	NW	6	bc	4	53	38	bcq, c	0.0	*	0.01	
Nottingham ...	29.79	43	NW	3	b	29.92	+1.5	41	38	-8	NW	5	bm	*	49	39	cm, b	0.5	*	0.03	
Bath ...	29.88	45	SW	3	o	30.06	+1.7	41	38	-13	NW	3	b	*	54	38	-	0.0	*	0.02	
Oxford ...	29.89	41	W	3	c	29.99	+1.6	41	38	-12	NW	3	b	*	53	37	o, c, b	*	*	-	
London(St. James' Park)	29.86	46	NW	3	c	29.88	+0.6	42	39	-11	NW	5	bq	*	54	39	oq, c, b	0.0	*	0.08	
GERMANY, &c.	The Scaw (Skagen)	29.17	40	NW	6	b	29.41	+4.3	41	35	+2	NNE	4	b	1	43	37	*	*	*	0.12
	Fanö ...	29.39	42	W	6	bc	29.48	+2.4	38	37	-12	W	1	c	*	50	37	*	*	*	0.12
	Cuxhaven ...	29.52	46	W	4	o	29.53	+0.9	40	39	-12	SSW	4	r	*	52	39	a, b, rh	*	*	0.43
	The Helder ...	29.68	47	WNW	6	bc	29.51	-1.4	43	41	-11	WNW	4	r	*	54	41	*	*	*	0.08
	Brussels ...	*	*	*	*	*	29.75	-1.8	38	37	-10	WSW	5	o	*	50	38	*	*	*	0.55
	Berlin ...	29.53	45	W	3	c	29.58	+0.3	39	37	-12	WSW	2	c	*	52	39	*	*	*	0.08
	Frankfurt ...	29.74	46	SW	3	r	29.70	-2.7	41	39	-8	W	3	o	*	52	41	*	*	*	0.43
	Munich ...	29.87	42	W	6	bc	29.66	-4.6	41	41	0	NW	5	r	*	48	39	*	*	*	-
FRANCE.	C. Gris Nez ...	29.84	48	WNW	5	o	29.84	+0.2	42	39	-11	NW	6	b	5	55	?	*	*	*	0.55
	Brest ...	29.97	54	W	5	r	30.20	+0.2	49	43	-4	NW	6	c	4	53	45	*	*	*	0.12
	Lorient ...	30.04	51	W	5	o	30.18	-0.1	45	43	-7	NNW	4	c	4	54	41	*	*	*	-
	Rochefort ...	30.12	52	W	4	o	30.10	-2.1	48	46	-4	NNW	7	b	*	54	45	c, o	*	*	0.32
	Biarritz ...	30.18	51	2	o	m	30.18	-1.7	53	48	+11	N	6	o	4	55	42	*	*	*	0.16
	Paris ...	29.89	50	SW	4	o	29.91	-2.6	39	37	-7	WNW	2	b	*	51	39	*	*	*	0.24
	Belfort...	29.97	42	WSW	4	o	29.79	-4.1	36	35	-6	W	3	r	*	43	36	*	*	*	0.28
	Lyons ...	30.13	42	NE	0	b	29.84	-4.9	39	38	-6	NNW	3	r	*	51	39	*	*	*	0.04
Nice ...	29.94	51	2	o	o	29.63	-4.9	42	40	-3	2	0	b	2	57	41	*	*	*	-	
Perpignan ...	30.10	57	NW	2	b	29.84	-4.1	52	47	0	W	3	bc	*	68	46	*	*	*	-	
SPAN. PEN.	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lisbon ...	30.25	56	NNW	4	b	30.20	-1.3	54	53	-4	N	5	b	*	61	50	*	*	*	-
	Azores (P. Delgada)...	30.47	62	SSE	3	o	30.45	+0.2	61	54	-1	ESE	4	o	2	64	61	*	*	*	-

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +.03 in., but for Sumburgh Head +.04 in.; for stations South of Malin Head and North Shields +.02 in., but for Scilly and Jersey +.01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR SATURDAY, 1st DECEMBER, 1906.

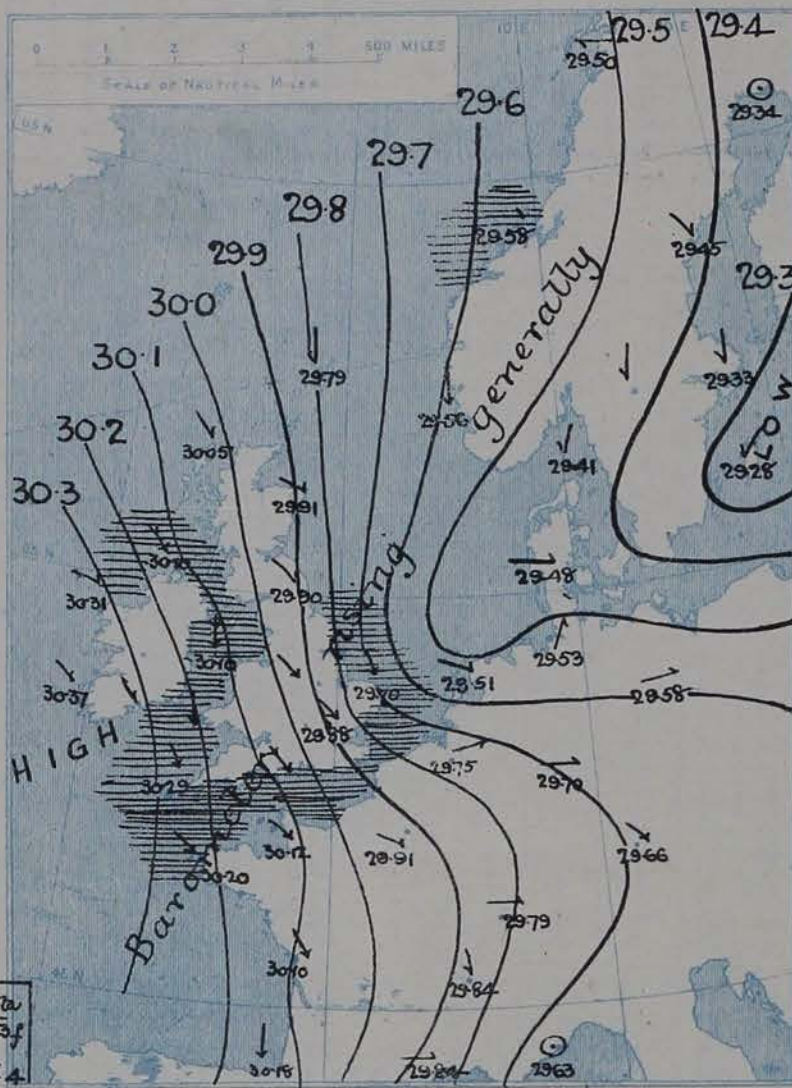
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → → → Force 6 to 7 → → → } Calm ☉
Force 8 to 10 → → → Force 1 to 5 → → →

SEA.—Rough High

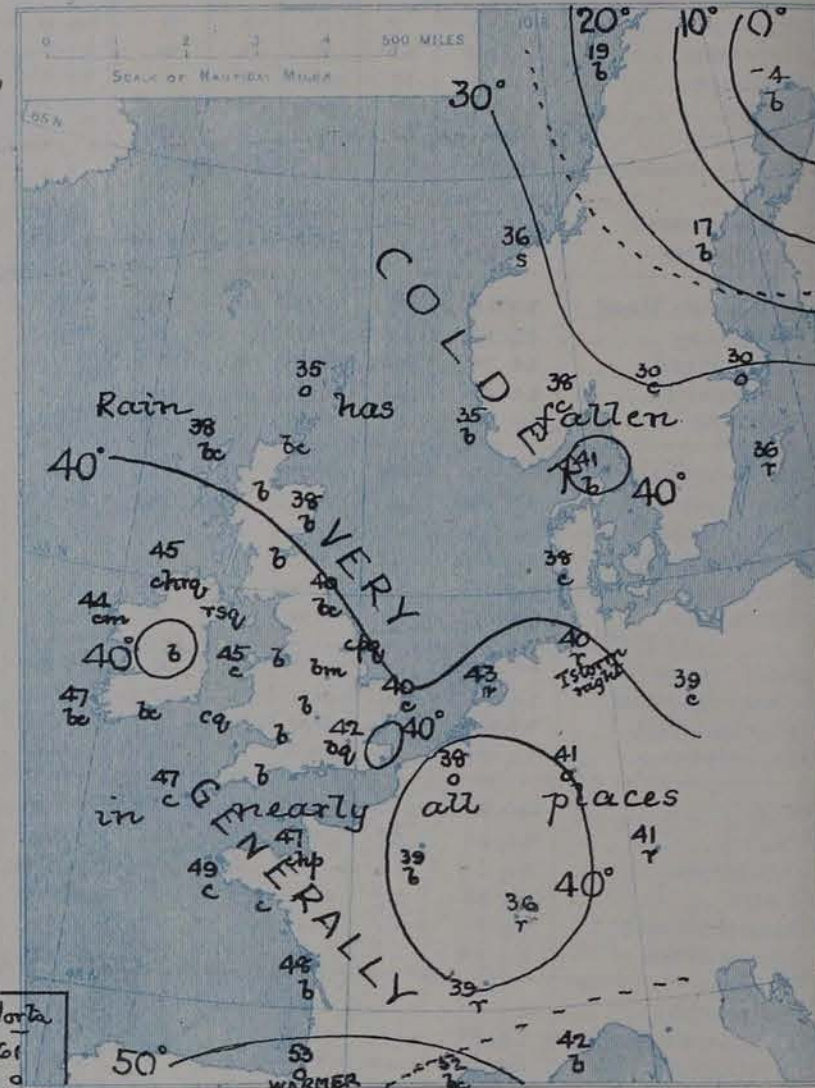


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

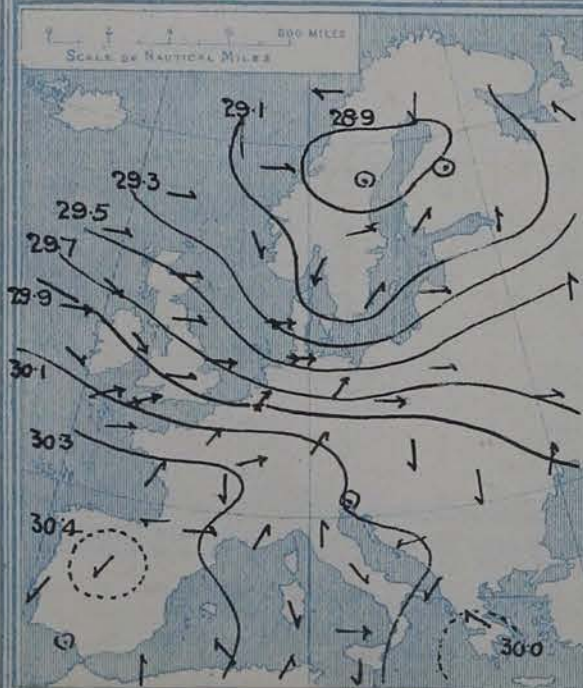
WEATHER.—Shown by Letters of the Beaufort Scale (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. BRIGHT SUNSHINE IN 1906.

Total Duration recorded in various districts of the United Kingdom in the 47 weeks ended Saturday, Nov. 24th, with the percentage of the average duration for the corresponding period.



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period NOVEMBER - DECEMBER

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The large depression which lay over Scandinavia yesterday morning and also a small secondary that lay near the Shetlands last evening have moved away E.nd or S.E.nd and a very brisk rise of the barometer has taken place over Ireland, Scotland and the whole of the Scandinavian Peninsula. Pressure is now above 30.3 ins. over the western part of Ireland and apparently somewhat higher over the adjacent portion of the Atlantic, whence the readings decrease to 29.7 ins. at Yarmouth and to 29.3 ins. at Wisby. The isobars indicate the existence of local irregularities of pressure over our Islands and their neighbourhood.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind over the United Kingdom has consequently veered to the N.th; it still blows strongly on several parts of our coast, and reaches gale force at Malin Head, Holyhead and Portland Bill. Strong or high N.W.^{ly} and N.^{ly} winds also prevail on the north and west coasts of France, but over Germany the wind draws into W. or S.W. and is moderate in force. The shift of wind has been accompanied by a decided fall of temperature in nearly all regions. Over these Islands the readings differ very little from the average, ranging from 37° or 38° over the major portion of Scotland and at Birr Castle to a little above 40° at most English stations, and to 47° at Valencia, Sully, and Jersey. In the extreme north of Sweden the thermometer has fallen to -4°, and the highest Continental readings reported are 53° at Biarritz and 54° at Lisbon. The weather is fine and bright over this country as a whole, but showers of hail, sleet, and rain are reported locally. On the Continent the weather is more cloudy, with rain in some parts of Germany and at Wisby, and snow at Christiansund. The sea is rough or rather so on most parts of our southern, eastern and western coasts, as well as at Christiansund.

The maximum temperatures reported yesterday were above 50° in many parts of England and Wales, and as high as 57° at Scarborough and Llandudno. During the latter part of the day the thermometer fell briskly and the night was much colder than of late. Rain has fallen in most parts of Northwestern Europe, the largest measurements being 0.55 in. at Brussels and Cape Gris Nez, and 0.49 in. at Jersey. Much cloud prevailed yesterday at most of our stations, but Scarborough reported 4 hrs. bright sunshine and Aberdeen more than 6 hrs. Lunar halos were observed last evening in the south and southeast of England. Thunderstorms with rain and graupel were experienced at Bushaven during the night.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The Atlantic high pressure system will probably continue to move or extend E.nd over our Islands and bring about a reduction in the strength of the N.^{ly} winds. Some showers of rain, hail, or sleet, are likely to be experienced locally, but as a whole the weather will be fair and cold.

FORECASTS*

For the 24 hours ending at NOON on 2nd. December, 1906.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

N.^{ly} and N.W.^{ly} winds, decreasing in force; generally fair and cold, but some local showers of rain, hail or sleet; frost inland at night.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

N.^{ly} and N.W.^{ly} winds, decreasing in force; generally fair and cold, but some local showers of rain, hail or sleet; frost inland at night.
N.W.^{ly} to W.^{ly} or S.W.^{ly} winds, strong or fresh to moderate; mostly fair, but cold showers locally; frost at night inland.

WARNINGS

NONE ISSUED.

*Note—The South Cone, point downwards (⌞), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (⌠), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

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.			
Blackpool, to 9 p.m. ...	53	38	t. o. cph	0.3	0.20	Eastbourne, to 6 p.m. ...	55	46	*	0.0	0.06
Southport, to 9 p.m. ...	56	39	or. o. cq	0.5	0.15	Bexhill-on-Sea, to 9 p.m. ...	54	44	p. m	0.0	0.02
Rhyl, to 6 p.m. ...	52	44	bc. o. r. o	0.9	0.06	Hastings ...	*	*	*	0.0	*
Llandudno, to 9 p.m. ...	57	43	bc. pqh	0.1	0.10	Folkestone, to 6 p.m. ...	53	44	d. o. r. o	0.0	0.25
Bettws-y-Coed, to 6 p.m. ...	54	49	o. c. bc	0.3	1.06	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	50	45	c. o. c	0.0	0.01	Margate, to 6 p.m. ...	54	52	o. r. o	0.0	0.08
Aberystwyth, to 6 p.m. ...	53	45	t. o. c	0.0	0.05	Lowestoft, to 6 p.m. ...	50	43	o. c. or. o	0.5	0.02
Plymouth, to 9 p.m. ...	54	45	op. bc	0.0	0.08	Skegness ...	53	41	c. b	0.8	-
Torquay, to 6 p.m. ...	54	?	*	0.0	0.10	Scarborough, to 6 p.m. ...	57	39	*	4.0	-
Bournemouth, to 6 p.m. ...	54	?	*	0.0	-	Harrogate, to 6 p.m. ...	44	35	p. bc.	2.7	0.27
Bognor, ...	*	*	?	0.0	*	Darwen, to 9 p.m. ...	56	39	bc. om. blh	1.3	0.23
Worthing ...	53	51	om. r. o	0.0	0.16	Manchester, to 9 p.m. ...	57	38	c. b. v. bc	0.3	0.13
Brighton ...	52	?	*	0.0	0.13	Birmingham, to 9 p.m. ...	54	39	o. c	0.0	0.05

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

STATIONS ... 30th Nov., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. ... 30th Nov., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	34	27	S. o	0.04	Algiers ...	68	54	b. b	-
Utrecht ...	54	48	b. o	0.12	Tunis ...	64	45	o. o	-
Groningen ...	54	50	o. o	0.16	Madeira (Funchal) ...	70	52	o. b	-
Vienna ...	48	46	c. b	-	Geneva ...	50	*	b	Measured 7 a.m.
Florence ...	62	36	b. o	-	Berne ...	45	*	bc	-
Rome ...	59	37	b. b	-	Coire ...	37	*	b	-
Naples ...	57	48	c. b	-	Castasegna ...	43	*	b	-
Palermo ...	62	45	bc. b	-	Lugano ...	50	*	b	-
Brindisi ...	60	45	b. b	-	Davos ...	30	*	b	-
Malta ...	61	56	b	0.12					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

1st Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	7.42	11.42	3.43
Greenwich ...	7.45	11.49	3.54
Wick ...	8.38	12.1	3.25
Valencia ...	8.28	12.30	4.32

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Sunday,

Meteorological Office, London.

2ND DECEMBER, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)											PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9)	Temp.		Weather.	Sun- shine.	Rainfall.			
At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12)	At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12)	Max.	Min.	Hours.	Ins.								
SCANDINAVIA.		Ins.	°			Ins.	Ins.	°	°	°												
Haparanda...	29.55	4	Z	0	b	29.47	+0.13	12	12	+16	Z	0	S	*	12	-4	*	*	0.08			
Hernösand ...	29.68	14	NNW	2	b	29.62	+0.17	25	24	+8	NW	2	b	*	?	?	*	*	-			
Stockholm ...	29.76	23	W	4	0	29.78	+0.45	23	22	-7	WSW	2	c	*	30	21	*	*	-			
Wisby...	29.75	34	NW	6	0	29.84	+0.56	31	30	-5	NW	4	b	*	39	?	*	*	-			
Karlstad ...	29.86	22	Z	0	b	29.81	+0.37	24	24	-6	Z	0	bc	*	*	*	*	*	-			
Færder (X'ania Fjord)	29.83	36	WSW	1	b	29.78	+0.33	36	32	-2	WSW	2	0	2	37	32	*	*	-			
Bodö ...	29.43	23	E	4	S	29.39	-0.11	27	26	+8	E	4	S	2	?	19	*	*	-			
Christiansund ...	29.73	34	NNW	4	0	29.61	+0.03	34	32	-2	WSW	2	0	5	36	30	*	*	0.08			
Skudesnaes ...	29.92	34	Z	0	bc	29.76	+0.20	37	36	+2	SSE	4	r	2	39	32	b, bc	*	0.08			
BRITISH ISLANDS.																						
Sumburgh Head	29.96	36	N	1	0	29.37	-0.42	49	47	+14	W	4	r	4	49	35	c, 0	*	0.29			
Stornoway ...	30.05	36	Z	0	c	29.65	-0.40	50	50	+12	W	4	r	4	51	35	rsp, bc, c	0.7	0.48			
Malin Head ...	30.16	45	W	4	og	29.90	-0.20	51	51	+6	W	6	rm	4	51	42	0, og	*	0.15			
Blacksoil Pt. ...	30.25	46	SW	5	ogmp	30.00	-0.31	53	52	+9	SW	5	ogm	4	53	42	c, ogmp	*	0.25			
Valencia ...	30.40	47	WSW	2	op	30.31	-0.06	53	52	+6	SW	3	omd	4	53	46	0, op	1.2	0.02			
Roche's Point ...	30.41	46	WNW	3	0	30.27	-0.08	51	50	+8	W	2	c	2	53	42	cg, 0	*	-			
Birr Castle ...	30.34	43	WNW	2	c	30.16	-0.11	52	51	+14	WSW	3	0	*	53	36	c, r	1.0	0.04			
Donaghadee ...	30.24	40	WSW	2	bc	29.95	-0.18	53	52	+11	WSW	4	bc	4	53	39	c, op, bc	*	0.11			
Liverpool Obsy...	30.26	43	NW	4	b	30.04	-0.01	49	49	+5	WSW	6	0	5	50	40	-	*	0.12			
Holyhead ...	30.26	46	NNW	6	bc	30.09	-0.01	52	52	+7	W	6	0	5	52	43	c, g, bc	*	0.41			
Pembroke (St. Ann's Hd.)	30.32	45	N	4	c	30.21	+0.04	52	51	+8	W	6	op	6	53	43	cg, cp	1.4	0.10			
Scilly (St. Mary's) ...	30.41	47	NNW	5	c	30.35	+0.06	50	48	+3	W	5	0	4	50	45	c	3.8	-			
Jersey (St. Aubins) ...	30.31	47	NW	4	bc	30.41	+0.29	45	43	-2	W	2	omv	2	50	42	cg, dem	4.0	-			
Portland Bill ...	30.28	45	NW	5	b	30.29	+0.25	49	48	+4	WSW	6	0	3	50	42	-	*	-			
Dungeness ...	30.15	40	NNW	4	b	30.28	+0.45	43	40	+4	W	5	0	4	45	33	b	5.7	-			
Wick ...	30.02	40	N	3	c	29.52	-0.38	51	49	+13	W	4	ow	3	51	35	c, hp	*	0.30			
Nairn ...	30.08	37	W	1	0	29.63	-0.33	53	51	+16	WSW	3	0	3	54	34	-	1.5	0.05			
Aberdeen ...	30.12	36	W	2	b	29.62	-0.29	50	48	+12	WNW	2	bc	2	50	24	b, orsp	3.7	0.03			
Leith ...	30.17	38	WNW	2	b	29.75	-0.24	53	51	+11	WSW	6	c	5	53	37	b, r	*	0.04			
North Shields ...	30.15	37	NW	2	bc	29.81	-0.09	51	48	+11	WSW	5	c	3	51	33	b, bc, r	*	0.02			
Spurn Head ...	30.12	42	NW	5	b	29.97	+0.19	42	41	+1	SW	5	0	4	44	37	b, g, p	0	0.01			
Yarmouth ...	30.08	42	WNW	5	0	30.14	+0.44	39	39	-1	WSW	4	c	3	45	35	orhg, c	*	0.20			
Clacton-on-Sea ...	30.14	39	NW	4	b	30.21	+0.42	40	39	0	SW	4	0	2	43	32	bcg, b, o	6.2	0.01			
Nottingham ...	30.20	39	NNW	1	b	30.07	+0.15	43	42	+2	W	3	0	*	45	32	bm, b	4.0	0.01			
Bath ...	30.29	43	W	2	b	30.24	+0.18	44	44	+3	WSW	3	r	*	47	33	-	6.0	0.02			
Oxford ...	30.32	37	NW	1	b	30.22	+0.23	42	41	+1	SW	3	0	*	46	33	q, b	2	-			
London (St. James' Park)	30.21	42	NW	3	bc	30.24	+0.36	41	39	-1	W	2	0	*	46	33	bcg, b, o	5.1	-			
GERMANY, & C.																						
The Scaw (Skagen)	29.88	35	Z	0	b	29.78	+0.37	36	34	-5	WSW	1	0	0	41	32	*	*	-			
Fanö ...	29.98	32	N	1	b	29.96	+0.48	42	40	+4	W	4	0	*	43	30	*	*	-			
Cuxhaven ...	29.85	41	NW	2	c	30.04	+0.51	38	37	-2	SW	3	0	*	43	36	*	*	0.24			
The Helder ...	30.03	47	NNW	3	b	30.13	+0.62	46	41	+3	W	5	0	4	47	45	*	*	0.08			
Brussels ...	*	*	*	*	bc	30.27	+0.52	35	35	-3	SSW	1	c	*	44	32	*	*	0.08			
Berlin ...	29.88	40	WNW	3	bc	30.10	+0.52	38	37	-1	W	2	0	*	41	37	*	*	0.04			
Frankfurt ...	30.04	39	SW	2	bc	30.30	+0.60	34	33	-7	SW	2	c	*	46	34	*	*	-			
Munich ...	30.06	34	W	4	0	30.32	+0.66	30	30	-11	Z	0	b	*	41	28	*	*	0.08			
FRANCE.																						
C. Gris Nez ...	30.16	42	NW	6	b	?	-	44	40	+2	WSW	4	0	4	50	41	*	*	-			
Brest ...	30.36	49	NNW	6	c	30.44	+0.24	50	46	+1	NW	2	0	2	52	43	*	*	-			
Lorient ...	30.28	46	N	6	0	30.45	+0.27	45	43	0	NNW	2	c	2	52	43	*	*	-			
Rochefort ...	30.28	47	NNW	7	b	30.41	+0.31	41	40	-7	NNE	4	c	*	54	39	b	*	-			
Biarritz ...																	*	*	-			
Paris ...	30.12	44	NNW	5	bc	30.37	+0.46	33	33	-6	SSW	1	b	*	48	33	*	*	-			
Belfort...																	*	*	-			
Lyons ...	30.04	36	N	3	0	30.23	+0.39	36	33	-3	NNW	5	b	*	41	35	*	*	0.12			
Nice ...	29.52	49	E	2	0	29.71	+0.08	52	42	+10	E	6	bc	6	55	42	*	*	0.08			
Perpignan ...	29.97	44	NW	6	b	30.00	+0.16	44	39	-8	NW	8	b	*	56	41	*	*	-			
SPAN. PEN.																						
Corunna ...																	*	*	-			
Lisbon ...	30.28	55	NNE	4	b	30.38	+0.18	49	43	-5	NNE	4	b	*	63	48	*	*	-			
Azores (P. Delgada)...	30.47	62	SSE	4	0	30.47	+0.02	61	55	+6	ESE	1	0	3	64	55	*	*	-			
" (Horta) ...	30.43	61	SSE	4	0	30.43	-0.02	63	57	+2	S	4	0	3	64	59	*	*	-			

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.3 in., but for Sumburgh Head +0.4 in.; for stations South of Malin Head and North Shields +0.2 in., but for Scilly and Jersey +0.1 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR SUNDAY, 2ND DECEMBER, 1906.

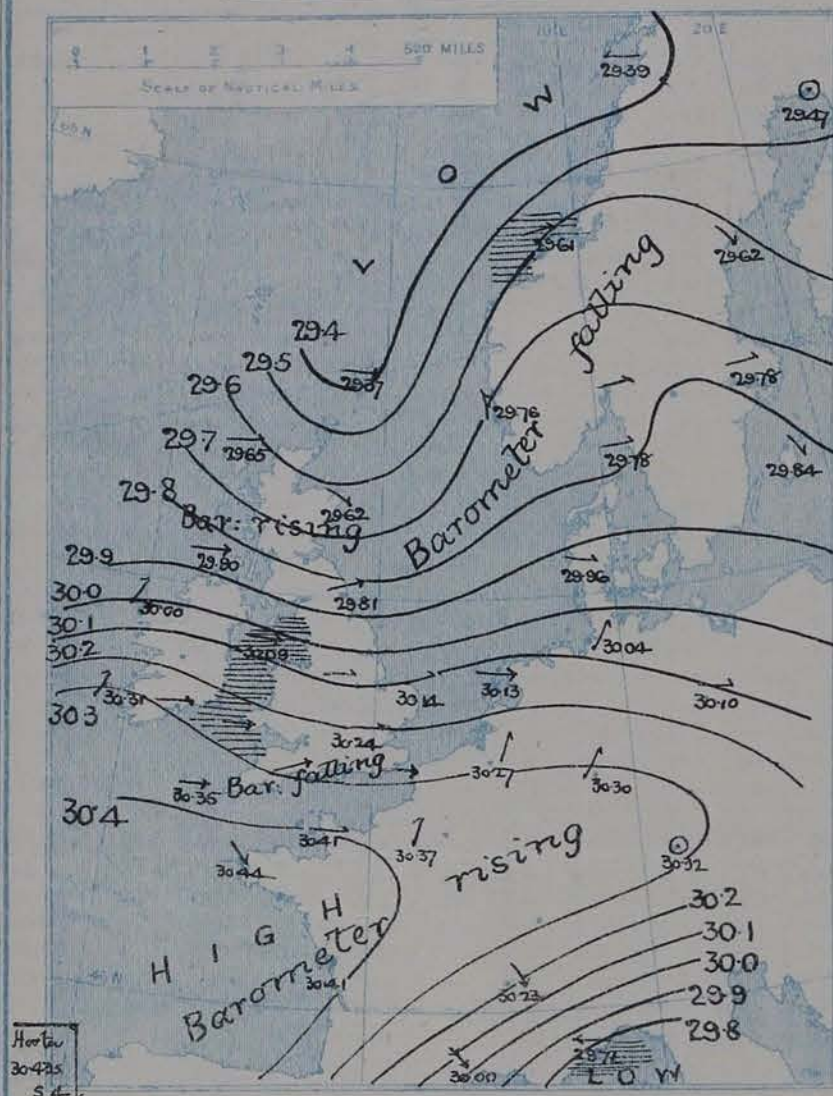
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → Force 3 to 4 → Force 1 to 4 → Calm ☉

SEA.—Rough High

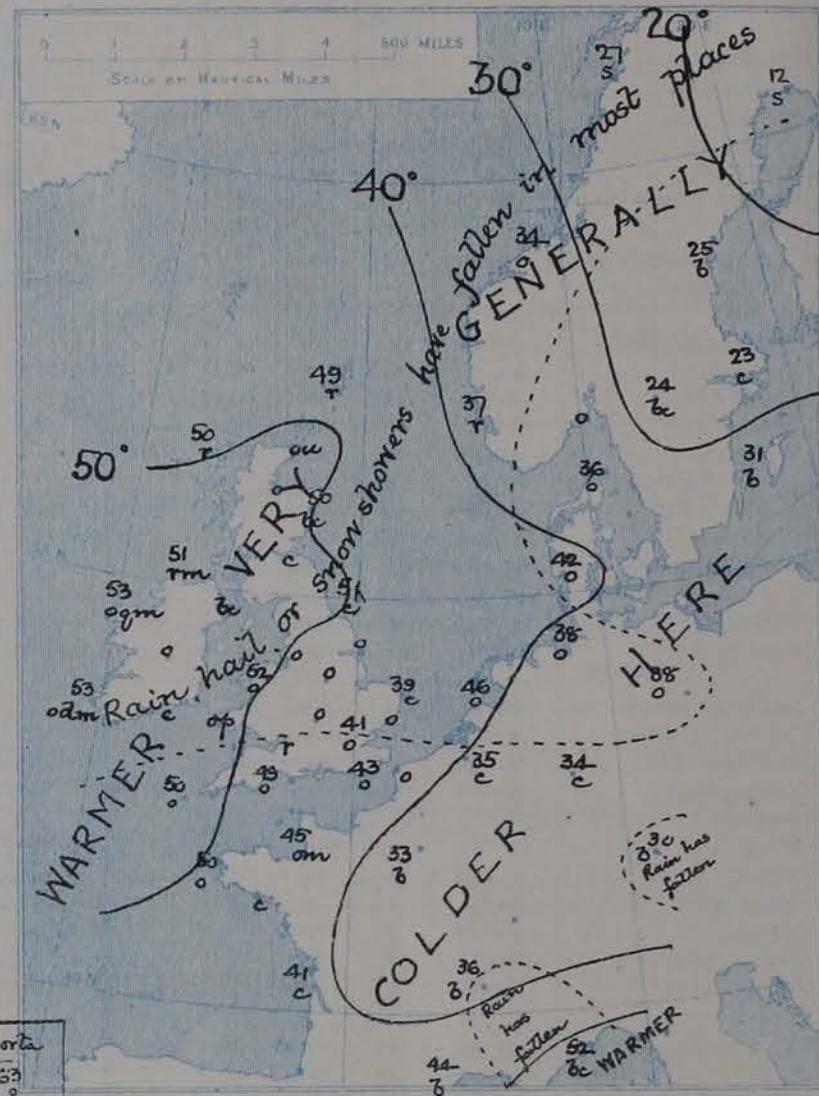


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

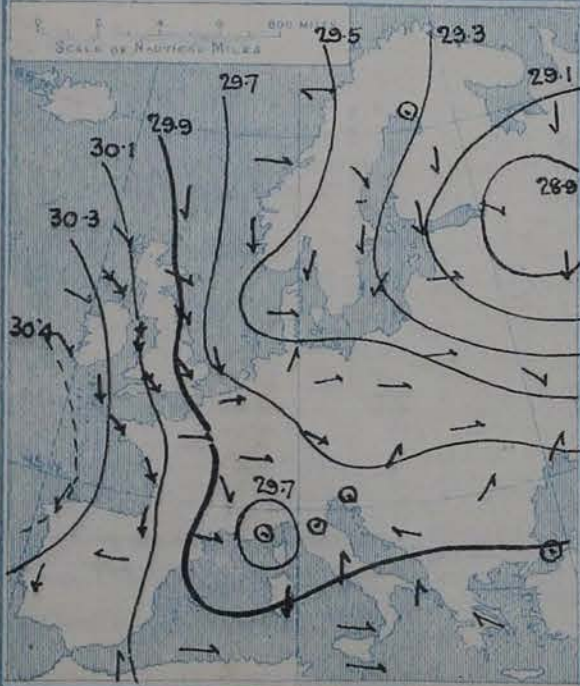
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. ACCUMULATED TEMPERATURE ABOVE 42°

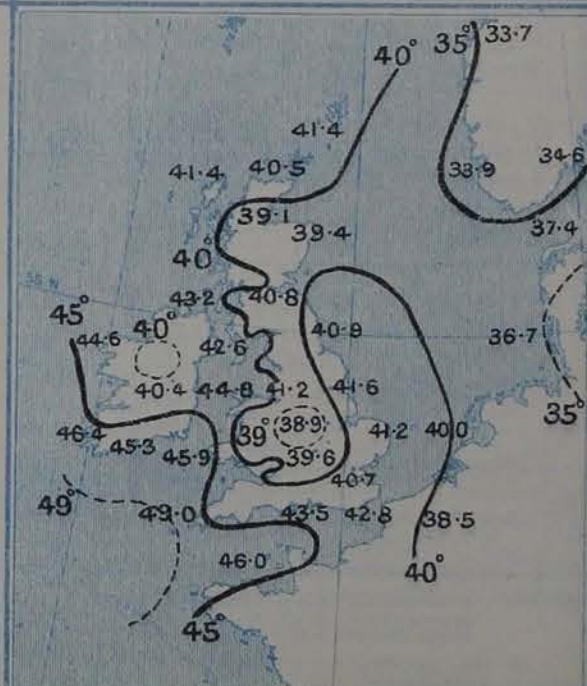
Amount recorded in various districts of the United Kingdom during the 47 weeks ended 24TH NOVEMBER with the percentage of the average for the corresponding period.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period NOVEMBER - DECEMBER

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

A decided rise of the barometer has taken place over the northern and western portions of the Continent and Eastern and Southern England, and the central space of a high-pressure system, with readings above 30.4 ins., extends from the southern side of the English Channel down to Portugal. An equally decided fall has occurred over Scotland and Ireland, a depression, with the mercury below 29.4 ins., having appeared beyond the Shetlands. Another disturbance is found on the Western Mediterranean, the barometer reading 29.7 ins. at Nice. The gradients are rather steep over the British Isles and the south of France.

WIND

The winds circulate round the several pressure systems, but the prevailing current over the greater part of our area is Westerly or South-Westerly, blowing fresh or strongly on many parts of our coasts. On the Mediterranean a strong Easterly wind is reported at Nice, and a fresh to strong North-Westerly gale at Perpignan and Cap Breton.

TEMPERATURE

Temperature has risen rapidly in most parts of the United Kingdom and in Northern Scandinavia, fallen in nearly all other localities. Over our western and northern districts the present readings are as high as 50° to 53°, against 40° at Clacton-on-Sea, and 39° at Yarmouth. At the Swedish stations the values are between 12° at Åparanda and 25° at Årvidsund; and in Western Europe they range from 30° at Munich, and 33° at Paris, to 49° at Lisbon, 50° at Brest, and 52° at Nice.

WEATHER

AND

SEA

The weather is fair or fine only at a few of the home and foreign stations, mainly in France and Portugal. Generally the sky is very cloudy or overcast, with rain in some of our western and northern districts and at Skudeneshavn, snow at Bodø and Åparanda. A rough sea is running off Pembroke and Nice, and it is rather rough on the Irish Sea and off Christiansund, moderate to smooth on other coasts.

During yesterday the temperatures records over the country generally were lower than of late, very few stations rising to 50°, Aberdeen not exceeding 41°, and Lumburgh had 40°. The maximum values for the 24 hours ending at 8 a.m. to-day occurred either at this hour or earlier this morning. The bright sunshine records were, as a rule, remarkably good for the season, exceeding 5 hours in many places, and amounting to 7 hours at Bognor.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 3rd December, 1906.

DISTRICTS.

FORECASTS.

- 0 SCOTLAND NORTH
- 1 SCOTLAND EAST
- 2 ENGLAND N.E.
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH

NONE ISSUED.

DISTRICTS.

FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

NONE ISSUED.

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

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.			
Blackpool, to 9 p.m. ...	45	35	hp.c	4.4	0.04	Eastbourne, to 6 p.m. ...			*		
Southport, to 9 p.m. ...	46	35	bc.c	5.0	0.06	Bexhill-on-Sea, to 9 p.m.			*		
Rhyl, to 6 p.m. ...	50	41	bc.o	1.6	0.05	Hastings ...	*	*	*	6.9	*
Llandudno, to 9 p.m. ...	47	42	bc.q/p	2.0	0.08	Folkestone, to 6 p.m. ...	45	37	b, bc, b	6.8	-
Bettws-y-Coed, to 6 p.m.	48	40	c	1.1	0.09	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	47	41	c.o	1.8	0.06	Margate, to 6 p.m. ...	45	41	b	3.0	-
Aberystwyth, to 6 p.m. ...	52	42	c, c, r	2.0	0.10	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	47	42	bc, c, b	5.3	-	Skegness ...	53	36	bq, bc	4.3	0.01
Torquay, to 6 p.m. ...			*			Scarborough, to 6 p.m. ...			*		
Bournemouth, to 6 p.m. ...	47	40	*	6.7	0.13	Harrogate, to 6 p.m. ...	41	34	b	6.6	-
Bognor, ...	*	*	b	7.0	*	Darwen, to 9 p.m. ...					
Worthing ...	47	37	b	6.8	-	Manchester, to 9 p.m. ...	44	33	c, b, r, bc	0.5	0.03
Brighton ...			*			Birmingham, to 9 p.m. ...	44	37	bm, b	4.3	0.10

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

STATIONS 1 st Dec ^r , 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 1 st Dec ^r , 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	34	32	s, s	0.16	Algiers ...	66	55	b, bc	-
Utrecht ...	54	39	o, b	0.04	Tunis ...	66	45	c, o	-
Groningen ...	54	43	c, c	0.04	Madeira (Funchal) ...	Not rec ^d .			
Vienna ...	52	46	c, o	-	Geneva ...	50	*	b	Measured 7 a.m.
Florence ...	51	42	o, bc	-	Berne ...	46	*	c	-
Rome ...	58	48	o, o	-	Coire ...	41	*	b	-
Naples ...	60	51	b, b	-	Castasegna ...	39	*	b	-
Palermo ...	67	41	b, b	-	Lugano ...	46	*	b	-
Brindisi ...	59	44	b, b	-	Davos ...	36	*	b	-
Malta ...	64	54	c	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
{ Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

2 nd Dec ^r , 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	7.43	11.42	3.42
Greenwich ...	7.46	11.49	3.53
Wick ...	8.39	12.1	3.24
Valencia ...	8.29	12.30	4.32

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Monday,

Meteorological Office, London.

3rd December,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temperature.	Wind.	Force	Weather.	Sea	Temp.	Weather.	Sun.	Rainfall.					
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	(0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	(0 to 12.)		Max.	Min.					
SCANDINAVIA.	Haparanda...	29.41	10	N	2	0	29.10	-37	14	14	+2	N	2	S	14	3		Hours.	Ins.		
	Hernösand...	29.47	25	NW	2	0	28.89	-73	30	30	+5	Z	0	m	30	?					
	Stockholm...	29.66	24	SW	2	7	29.07	-72	38	37	+15	SSW	4	+	?	19					
	Wisby...	29.72	37	SW	2	6c	29.21	-63	42	42	+11	SSW	4	+	?	28					
	Karlstad...	29.54	36	S	4	0	29.00	-81	42	41	+18	SW	2	0	?	?	0, +				
	Færder (X'ania Fjord)	29.50	41	SSW	5	0	29.03	-75	44	43	+8	WSW	1	0	?	36					
	Bodö...	29.27	25	Z	0	C	29.07	-32	18	16	-9	E	4	6	3	27					
	Christiansund...	29.19	37	SSW	3	C	28.80	-81	36	35	+2	NNW	2	+	6	34					
BRITISH ISLANDS.	Skudesnaes...	29.43	47	SSW	4	+	29.21	-55	47	46	+10	WSW	6	0	4	36	0, +				
	Sumburgh Head	29.27	49	W	4	+	29.05	-32	45	43	-4	W	6	0	6	49	44	+			0.09
	Stornoway...	29.56	51	W	5	+	29.27	-38	45	45	-5	W	5	0	5	52	42	d, +	0.0		0.56
	Malin Head...	29.82	51	WSW	7	om	29.63	-27	49	46	-2	WNW	8	cpm	6	52	46	0, om			0.23
	Blackod Pt. ...	30.01	53	SSW	6	qpm	29.98	-02	49	47	-4	SW	6	opqpm	5	53	47	0, rpm			0.38
	Valencia ...	30.25	52	SW	3	o/p	30.20	-11	52	49	-1	W	5	c	5	55	51	om, o/p	0.2		0.16
	Roche's Point ...	30.25	53	W	4	og	30.13	-14	50	49	-1	W	4	og	2	56	50	cg, og			0.05
	Birr Castle ...	30.14	52	W	5	0	30.01	-15	50	47	-2	W	6	og		53	45	op	0.0		0.07
GERMANY, & C.	Donaghadee ...	29.98	52	WSW	4	C	29.79	-16	47	45	-6	WSW	3	bc	4	54	47	bcq, cg			0.09
	Liverpool Obsy...	30.10	51	WSW	4	0	29.84	-20	47	47	-2	W	6	C	5	55	47	+, 0			0.03
	Holyhead ...	30.12	52	W	4	C	29.88	-21	50	49	-2	WNW	7	bc	5	53	49	C			0.12
	Pembroke (St. Ann's Hd.)	30.22	53	W	5	C	30.01	-20	51	49	-1	WNW	6	bcq	6	56	50	0, cg, p	0.8		0.15
	Scilly (St. Mary's) ...	30.38	51	W	5	of	30.22	-13	51	51	+1	W	6	+	5	53	46	o, f	0.1		0.07
	Jersey (St. Aubins) ...	30.34	52	WNW	5	omd	30.27	-14	52	51	+7	WNW	6	omd, p	5	53	45	0, om, d, p	0.0		0.05
	Portland Bill ...	30.24	53	W	5	0	30.07	-22	53	52	+4	WSW	8	+	6	54	46	0			-
	Dungeness ...	30.14	51	W	4	C	29.98	-30	51	50	+8	WSW	6	0	5	51	43	0, C	0.0		-
FRANCE.	Wick ...	29.49	53	W	4	+	29.20	-32	43	42	-8	NW	5	0	3	53	41	-			0.15
	Nairn ...	29.56	52	W	3	0	29.35	-28	44	42	-9	WSW	4	0	3	55	42	-			0.19
	Aberdeen ...	29.60	56	WSW	4	C	29.39	-23	46	42	-4	WSW	3	6	2	57	46	cg, f, c, d	0.0		0.02
	Leith ...	29.79	54	WSW	6	0	29.54	-21	46	43	-7	W	5	6		54	46	og, p			0.05
	North Shields ...	29.85	52	WSW	6	0	29.60	-21	49	47	-2	WSW	6	C	3	54	46	0, +			0.02
	Spurn Head ...	29.95	51	W	5	0	29.71	-26	51	49	+9	W	5	cpv	4	52	42	-			-
	Yarmouth ...	29.99	51	WNW	4	C	29.79	-35	50	48	+11	W	5	bc	3	51	39	C			-
	Clacton-on-Sea ...	30.09	47	WSW	3	bc	29.90	-31	51	49	+11	WSW	4	C	3	51	40	op, bc, C	0.0		-
SPAIN, PEN.	Nottingham ...	30.05	52	WNW	4	0	29.80	-27	52	51	+9	W	4	+		54	43	om, 0	0.7		-
	Bath ...	30.20	52	SW	7	bc	30.01	-23	53	53	+9	WSW	7	+		54	44	-	0.2		0.04
	Oxford ...	30.15	50	SW	2	0	29.95	-27	51	50	+9	WSW	6	og, d		55	42	-			-
	London (St. James' Park)	30.13	50	SW	1	0	29.93	-31	51	50	+10	W	5	og		53	41	0, bc, o, d	0.0		-
	The Scaw (Skagen)	29.54	42	WSW	5	m	29.19	-59	48	48	+12	WNW	6	m	2	48	34				0.20
	Fanö ...	29.68	49	SW	6	+	29.48	-48	48	47	+6	WSW	6	+		48	39				0.47
	Cuxhaven ...	29.83	43	SW	6	+	29.67	-37	48	47	+10	WSW	8	0		48	38				0.08
	The Helder ...	29.98	50	W	5	0	29.78	-35	51	49	+5	WSW	5	C	4	52	45				0.08
GERMANY, & C.	Brussels ...						30.03	-24	48	48	+13	SW	4	+		50	34				0.08
	Berlin ...	30.02	39	SW	2	+	29.75	-135	46	45	+8	NW	4	0		46	37				0.28
	Frankfurt ...	30.20	42	SW	5	0	30.08	-22	42	41	+8	SW	4	+		42	34				0.04
	Munich ...	30.34	32	W	4	0	30.24	-08	35	31	+5	SW	5	+		36	28				0.04
	C. Gris Nez ...	30.15	50	SW	5	0	30.03	?	52	50	+8	SW	6	0	6	54	44				-
	Brest ...	30.44	57	WNW	4	f	30.36	-08	52	51	+2	W	4	0	4	52	50				0.04
	Lorient ...	30.39	52	WNW	5	0	30.39	-06	50	50	+5	W	6	+		55	45				0.12
	Rochefort ...	30.52	49	NW	2	0	30.49	+08	52	50	+11	WNW	4	0		?	?				0.04
FRANCE.	Biarritz ...	30.52	47	NE	1	6	30.56	?	45	44	?	SE	3	0	2	50	41				-
	Paris ...	30.35	43	SW	2	0	30.25	-12	48	48	+15	SW	2	0		48	33				-
	Belfort ...	30.35	34	Z	0	m	30.34	?	36	36	?	W	4	f		39	32				0.08
	Lyons ...	30.42	38	N	2	6	30.46	+23	37	36	+1	N	1	odm		41	35				-
	Nice ...	30.08	51	Z	0	6	30.08	+27	48	41	-4	Z	0	6		59	43				-
	Perpignan ...	30.30	45	NW	7	C	30.33	+33	50	41	+6	NNW	4	6		50	44				-
	Corunna ...																				-
	Lisbon ...	30.41	52	N	3	6c	30.50	+12	48	42	-1	NNE	4	6		57	45				-
SPAN. PEN.	Azores (P. Delgada) ...	30.52	59	NE	3	C	30.56	+09	61	55	0	ESE	1	0	3	66	57				-
	(Horta) ...	30.51	61	Z	0	0	30.54	+11	59	55	-4	NW	1	0	2	66	57				-

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charis on next page.

WEATHER CHARTS

FOR MONDAY, 3rd DECEMBER, 1906.

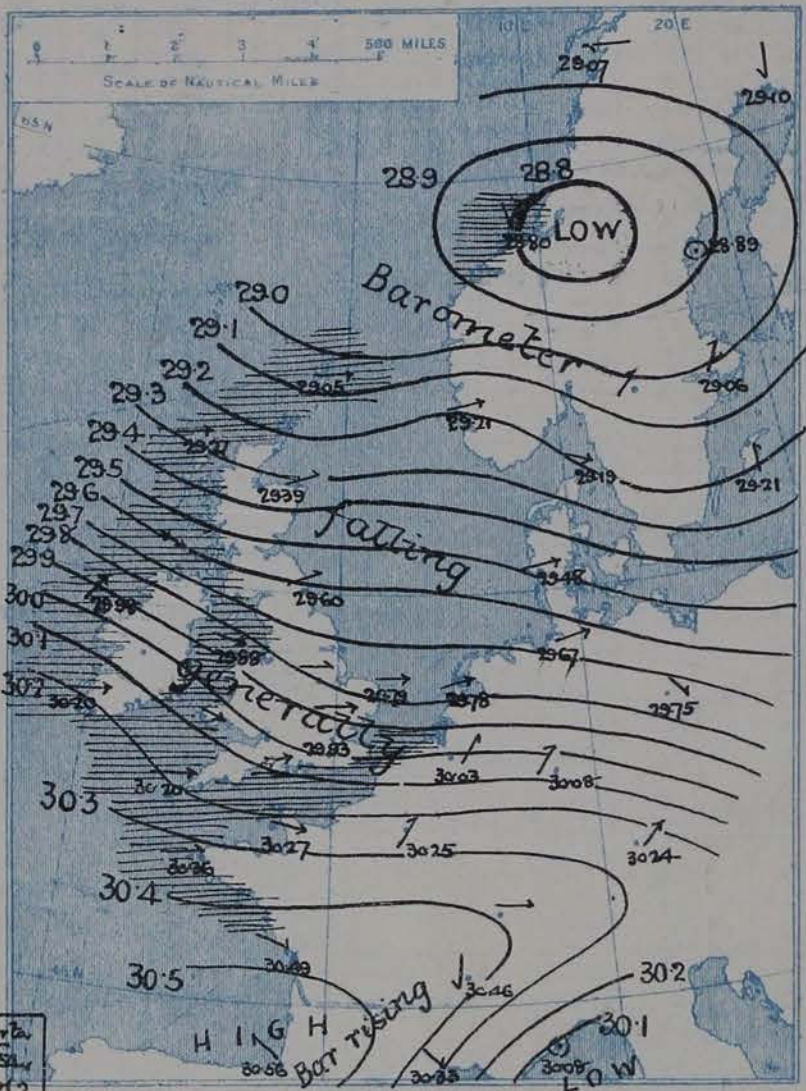
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough High

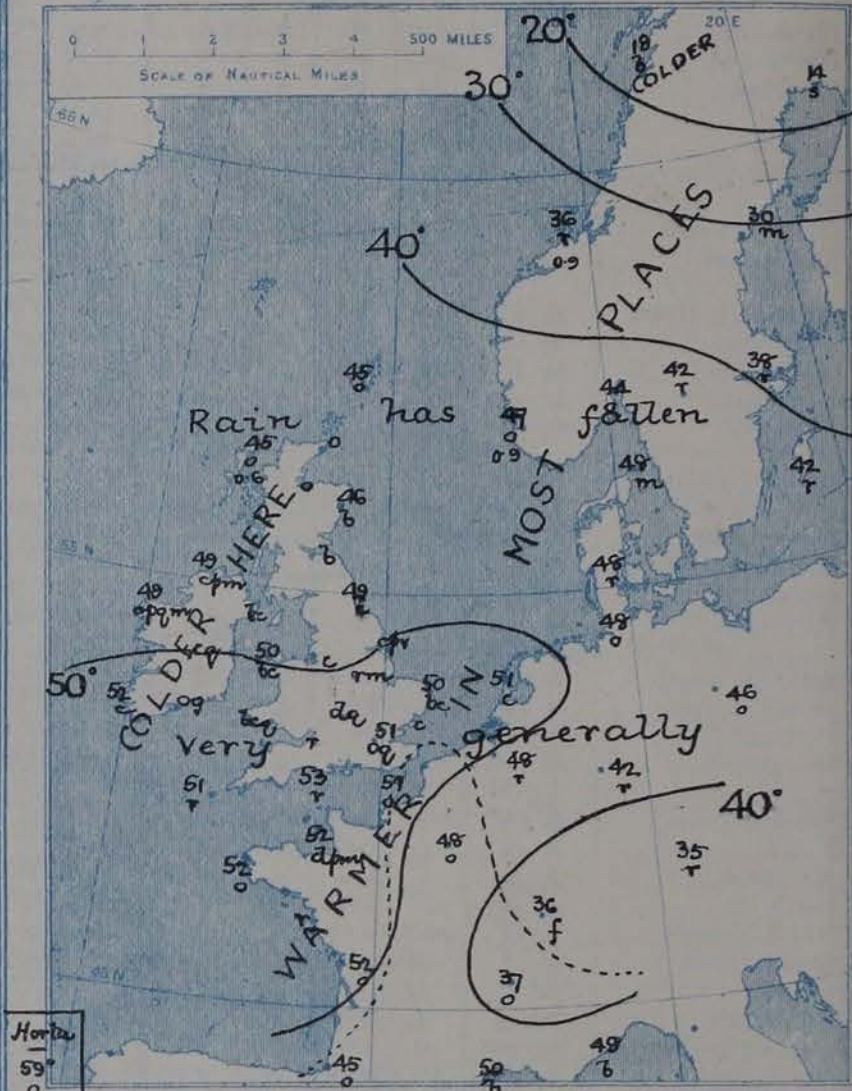


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

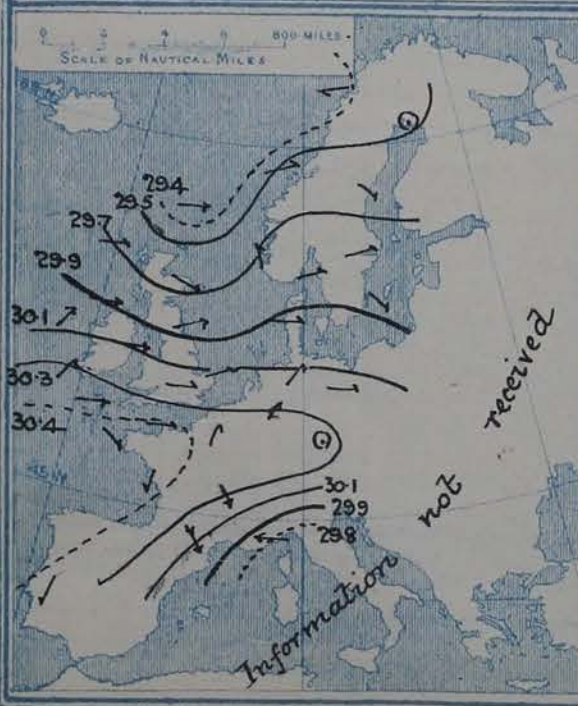
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 24th Nov., with the percentage of the average for the corresponding week.

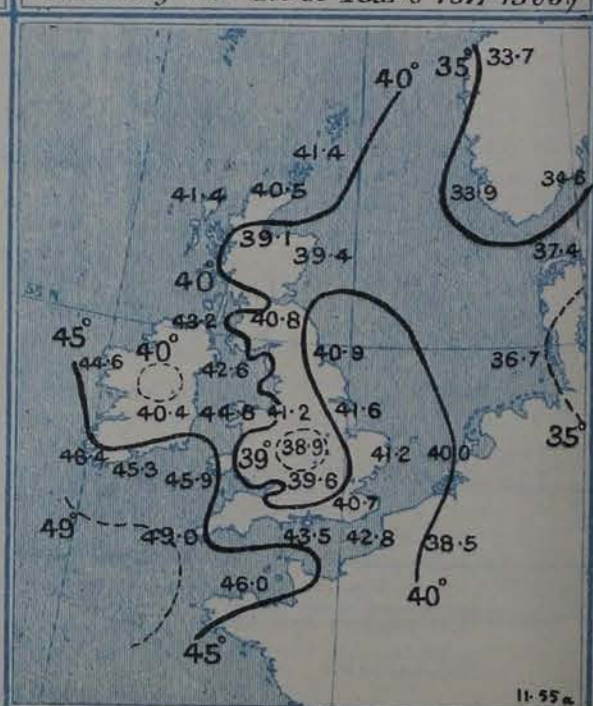
Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours



V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period
NOVEMBER - DECEMBER

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning the barometer has fallen in all parts of Western Europe except the more southern and central departments of France. Pressure is now lowest, 28.8 ins. and less, in a depression which has arrived over Norway from the Westward, and highest, 30.4 ins. and upwards, over the Bay of Biscay and a considerable portion of France and Spain. Gradients are rather steep over the United Kingdom, the North Sea, Germany, and Denmark.

WIND

TEMPERATURE

WEATHER

AND

SEA

The Westerly current of wind, which under these circumstances prevails over our Islands and the western countries generally, blows with considerable force in most places, and at Malin Head, Portland Bill, and the mouth of the Elbe it has the force of a gale. Over Scandinavia, where a complete cyclonic circulation is shown, the wind is moderate to light in force. Temperature has risen decidedly over the east and south of England and in most Continental regions, fallen over our western and northern districts and at Bodö. Over these Islands it ranges from 50° or a little higher on our most southern and south-eastern coasts to 43° at Wick. Most of the Continental readings are below 50°, while in the extreme north of Scandinavia the thermometer is below 20°. The weather is fine and bright in the extreme south of France, and in a few scattered localities elsewhere; as a whole, however, it is very cloudy or quite overcast, with rain in several places, and snow at Haparanda. The sea is rough or rather so on most exposed parts of our coasts.

During yesterday the thermometer rose to 57° at Torquay and Aberdeen and to 55° in several other parts of these Islands. Various amounts of rain have fallen over the greater part of our area, the largest measurements being 0.6 inch at Stormoway and 0.9 inch on the west coast of Norway. Scarcely any bright sunshine was recorded over the United Kingdom yesterday.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The strong Westerly winds, and mild, unsettled weather are likely to continue during to-day over our Islands generally and will probably be followed by moderating and veering winds, a rather lower temperature, and improving weather.

FORECASTS*

For the 24 hours ending at NOON on 4th December, 1906.

DISTRICTS.

FORECASTS.

- ⌘ { SCOTLAND NORTH
- ⌘ { SCOTLAND EAST
- ⌘ { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- ⌘ { ENGLAND SOUTH

W^{ly} to N.W^{ly} winds, fresh or strong to moderate; unsettled, some rain; moderate temperature.

W^{ly} winds, fresh or strong generally, a gale in Channel; squally, rain at times; improving and becoming cooler later.

DISTRICTS.

FORECASTS.

- ⌘ { SCOTLAND WEST
- ⌘ { ENGLAND N.W.
- ⌘ { ENGLAND S.W.
- ⌘ { IRELAND NORTH
- ⌘⁰ { IRELAND SOUTH

Same as Nos. 0 and 1.

Strong winds or gales from the Westward, veering and moderating later; squally, showery; mild, then cooler.

W^{ly} winds, strong or fresh, a gale in places, to N.W^{ly} winds, moderate; showery, squally; mild, then cooler.

WARNINGS

At 7.10 pm yesterday to Districts 0 to 2, 6, 7, 9, 10 and part of 8, and at 9.40 am to-day to District 5, and the remainder of 8, HOIST SOUTH CONE.

Note—The South Cone, point downwards (⌘), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (⌘), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

3RD DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	52	35	x, o	0.0	0.11	Eastbourne, to 6 p.m. ...	53	37	*	0.0	0.02
Southport, to 9 p.m. ...	52	35	+c, o	0.4	0.16	Bexhill-on-Sea, to 9 p.m. ...	52	?	c, v	0.0	-
Rhyl, to 6 p.m. ...	53	40	bc, o	0.2	0.15	Hastings ...	*	*	*	0.0	*
Llandudno, to 9 p.m. ...	53	43	bcp	0.7	0.15	Folkestone, to 6 p.m. ...	50	35	o	0.0	-
Bettws-y-Coed, to 6 p.m. ...	55	37	c, o, c	2.5	0.15	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	54	39	+o, c, o	0.4	0.55	Margate, to 6 p.m. ...	50	36	o	0.0	-
Aberystwyth, to 6 p.m. ...	52	45	+o, c	1.5	0.04	Lowestoft, to 6 p.m. ...	50	33	c, op, c, q	0.0	0.11
Plymouth, to 9 p.m. ...						Skegness ...	53	40	q, c	0.2	0.02
Torquay, to 6 p.m. ...	57	38	*	1.6	-	Scarborough, to 6 p.m. ...	54	35	*	0.0	0.02
Bournemouth, to 6 p.m. ...	54	37	*	0.0	0.02	Harrogate, to 6 p.m. ...	51	32	bc, o	0.0	-
Bognor, ...	*	*	c	0.0	*	Darwen, to 9 p.m. ...					
Worthing ...	51	34	om, o	0.0	-	Manchester, to 9 p.m. ...	52	33	ot, o	0.0	0.25
Brighton ...	50	34	*	0.0	-	Birmingham, to 9 p.m. ...	52	34	o	0.0	0.01

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

STATIONS 2 nd Dec ^r 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 2 nd Dec ^r 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	Observations not received				Algiers ...	Observations not received			
Utrecht ...					Tunis ...				
Groningen ...					Madeira (Funchal) ...				
Vienna ...					Geneva ...	1 p.m. 34	*	1 p.m. o	Measured 7 a.m. 0.04
Florence ...					Berne ...	34	*	5	0.04
Rome ...					Coire ...	39	*	o	-
Naples ...					Castasegna ...	41	*	o	-
Palermo ...					Lugano ...	43	*	o	-
Brindisi ...					Davos ...	28	*	5	-
Malta ...									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
{ Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

3 rd Dec ^r 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	7.45	11.43	3.41
Greenwich ...	7.48	11.50	3.52
Wick ...	8.41	12.2	3.23
Valencia ...	8.31	12.31	4.31

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Tuesday,

Meteorological Office, London.

4th December,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
At 82° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.	Hours.	Ins.							
Haparanda...		28.84	12	N	6	5	29.11	+0.01	10	10	-4	N	6	6	18	2			0.28		
Hernösand ...		29.01	14	NE	6	6	29.36	+1.47	14	9	-16	N	4	6	30	?			-		
Stockholm ...		28.89	36	N	6	+	29.36	+1.29	21	19	-17	NW	4	6	43	21			-		
Wisby...		28.93	44	W	6	6	29.30	+1.09	30	28	-12	NE	6	0	46	230			0.08		
Karlstad ...		28.96	39	Z	0	0	29.56	+1.56	23	21	-19	N	2	6					-		
Færder (X'ania Fjord)		28.94	44	SW	4	0	29.60	+1.57	32	28	-12	N	7	6	45	32			-		
Bodö ...		29.32	14	E	2	6	29.49	+1.42	10	8	-8	E	2	6	19	9			-		
Christiansund ...		29.26	33	N	5	0	29.66	+1.86	31	30	-5	N	3	5	36	30			0.08		
Skudesnaes ...		29.04	43	NNW	6	C	29.66	+1.45	34	30	-13	N	6	6	47	34	0, C		0.32		
Sumburgh Head		29.18	46	WNW	4	0	29.79	+1.74	35	34	-10	Z	0	0	46	34	C, 0		0.26		
Stornoway ...		29.63	46	NW	6	0	29.87	+1.60	43	43	-2	W	1	+	49	31	19, 0	0.4	0.09		
Malin Head ...		29.87	49	WNW	9	cg m	29.94	+1.31	51	51	+2	W	6	7f	51	44	C, cg m		0.18		
Blacksod Pt. ...		30.17	51	SW	6	0	30.14	+1.16	52	51	+3	SW	4	om p	52	47	og m p		0.13		
Valencia ...		30.36	52	W	4	0	30.31	+1.11	52	51	0	W	4	om	53	51	C, 0	3.7	0.01		
Roche's Point ...		30.25	51	NW	5	6	30.26	+1.13	52	51	+2	WNW	3	0	54	49	bcg, 6		-		
Birr Castle ...		30.19	51	W	7	0	30.17	+1.16	51	50	+1	W	4	om	52	48	cg, 0	3.0	0.01		
Donaghadee ...		29.93	47	WSW	4	bcg	30.00	+1.21	52	51	+5	W	3	0	52	46	bcg, om d		0.01		
Liverpool Obsy...		29.91	47	W	7	0	30.03	+1.19	49	49	+2	W	6	+	51	47	og p		0.07		
Holyhead ...		29.99	49	WNW	9	bcg	30.08	+1.20	52	51	+2	W	5	0	52	47	bcg p		0.02		
Pembroke (St. Ann's Hd.)		30.16	52	WNW	7	C	30.17	+1.16	52	51	+1	WNW	4	cg	53	50	cg	1.9	-		
Scilly (St. Mary's) ...		30.33	52	WNW	6	C	30.31	+1.09	52	50	+1	W	6	om	54	49	C	4.5	0.01		
Jersey (St. Aubins) ...		30.25	52	WNW	5	cg	30.27	00	54	51	+2	WNW	5	og m	56	52	om, bcg	2.5	0.11		
Portland Bill ...		30.11	53	WNW	9	bcg	30.15	+1.08	53	52	0	WNW	6	0	55	51	fg, bcg		0.02		
Dungeness ...		29.98	49	WSW	5	bc	30.06	+1.08	50	48	-1	W	4	0	55	47	bc	1.7	-		
Wick ...		29.37	39	NW	7	0	29.85	+1.65	38	36	-5	NW	1	C	45	34	-		0.15		
Nairn ...		29.58	45	W	5	C	29.88	+1.53	42	41	-2	W	1	bc	48	41	-	0.5	0.06		
Aberdeen ...		29.47	46	WNW	8	bc	29.91	+1.52	42	41	-4	WSW	1	+	50	41	bcg p, d	5.2	-		
Leith ...		29.60	47	W	5	bc	29.92	+1.38	46	43	0	W	2	0	50	43	bcg p		0.01		
North Shields ...		29.66	47	W	4	C	29.94	+1.34	45	43	-4	W	2	C	50	41	cp		-		
Spurn Head ...		29.72	49	WNW	7	cg	29.93	+1.22	47	44	-4	WNW	4	C	52	46	-		-		
Yarmouth ...		29.78	48	WNW	6	6	29.96	+1.17	45	43	-5	WNW	4	bc m	52	45	bc, 6		-		
Clacton-on-Sea ...		29.91	47	W	5	bc	30.02	+1.12	47	47	-4	WNW	1	+	53	46	C, bcg, p, r	1.1	0.11		
Nottingham ...		29.89	49	WNW	4	+	30.01	+1.21	48	48	-4	WSW	1	dm	53	48	C, r	2.4	0.08		
Bath ...		30.08	51	W	6	6	30.13	+1.12	52	50	-1	WNW	7	0	55	48	-	4.2	0.02		
Oxford ...		30.05	49	WNW	4	0	30.08	+1.13	51	49	0	W	2	0	54	47	og p		0.04		
London (St. James' Park)		29.99	49	WNW	4	cg	30.03	+1.10	50	49	-1	W	3	0	55	46	og, bc, og	1.2	0.02		
The Scaw (Skagen)		29.02	47	WNW	6	0	29.54	+1.35	33	32	-15	ENE	6	6	48	32			-		
Fanö ...		29.23	47	WSW	7	0	29.53	+1.05	40	39	-8	NW	4	0	48	37			0.28		
Cuxhaven ...		29.48	48	W	5	6	29.58	+1.09	46	42	-2	NNW	8	cp	50	41			0.20		
The Helder ...		29.70	50	W	8	bc	29.86	+1.08	49	45	-2	NW	6	C	52	46			0.16		
Brussels ...							30.02	-0.01	46	43	-2	W	2	C	52	45			0.16		
Berlin ...		29.51	48	SW	4	+	29.43	-1.32	44	41	-2	W	5	+	50	44			0.12		
Frankfurt ...																					
Munich ...		29.98	44	SW	7	+	29.93	-1.31	40	38	+5	W	6	0	45	34			0.04		
C. Gris Nez ...		30.02	50	W	6	6	30.08	+1.05	49	48	-3	WSW	5	0	52	48			-		
Brest ...		30.34	53	NW	6	bc	30.39	+1.03	52	50	0	NW	6	0	54	?			-		
Lorient ...		30.36	53	W	5	0	30.31	-1.08	54	52	+4	WNW	6	0	55	50			-		
Rochefort ...		30.41	54	NW	6	0	30.45	-1.04	52	51	0	NW	6	0	54	48	0		0.04		
Biarritz ...		30.59	54	W	5	+	30.58	+1.02	55	55	+10	WNW	5	+	55	45			0.16		
Paris ...		30.13	52	NW	4	0	30.17	+1.08	48	46	0	WSW	2	0	53	47			0.04		
Belfort...		30.14	?	WSW	8	+	30.12	+1.22	40	39	+4	WSW	7	+	44	36			0.16		
Lyons ...		30.32	42	E	1	0	30.25	-1.21	46	43	+9	WNW	5	+	48	37			0.16		
Nice ...		29.93	49	Z	0	6	29.84	-1.26	49	44	+1	Z	0	6	57	43			-		
Perpignan ...		30.30	54	PNW	7	6	30.29	-1.04	54	48	+4	NW	6	C	62	50			-		
Corunna ...																					
Lisbon ...		30.51	54	N	5	6	30.56	+1.06	47	45	-1	NNE	2	6	61	46			-		
Azores (P. Delgada)...		30.65	60	ENE	3	C	30.67	+1.11	59	56	-2	NNE	3	C	66	54			-		
" (Horta) ...		30.65	63	SE	4	0	30.68	+1.14	59	55	0	WNW	1	0	66	57			-		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered in Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR TUESDAY, 4TH DECEMBER, 1906.

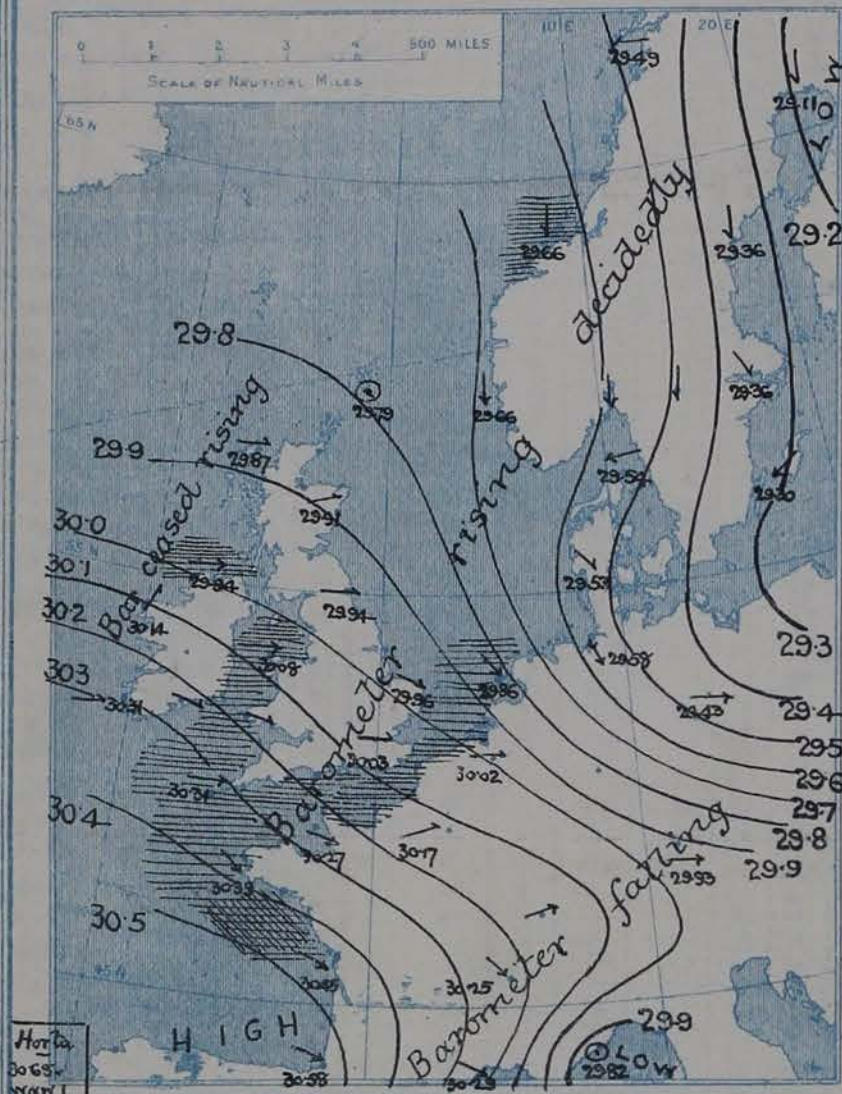
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ⊙
Force 8 to 10 → Force 1 to 4 →

SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

recorded

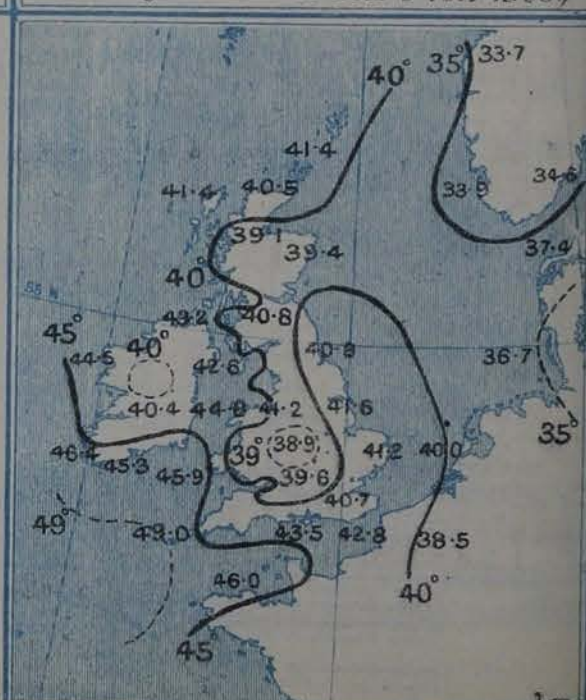
in various districts of the United Kingdom during the week ended Saturday, 1st Dec.



V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period NOVEMBER - DECEMBER

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The large cyclonic system which lay over Norway and the adjacent portion of the Ocean yesterday morning has travelled on to the Continent, and the barometer in its rear has risen very briskly over Scandinavia and the north and north-west of the United Kingdom. The rise still continues in many places, but it has now ceased on the extreme north-west coasts of this country. The readings now range from above 30.5 ins. in a very extensive anticyclone extending from the Atlantic and the Spanish Peninsula to the south-west of France, to 29.8 ins. in the Shetlands, and 29.1 ins. in the extreme north of Sweden. A depression, with readings below 29.8 ins., is also shown on the Gulf of Genoa.

WIND

TEMPERATURE

WEATHER

AND

SEA

The Westerly wind still blows strongly on some parts of our western and southern coasts, as well as on the north coast of France and over the Netherlands, while at the mouth of the Elbe a North-Westerly gale prevails. Over our Islands generally the wind has fallen light, while at Dumburgh Head it has sunk to calm. Over Scandinavia, where the general current is Northerly, it varies in force from a moderate to strong breeze. Temperature has fallen slightly in most parts of Great Britain, and very briskly over Denmark and Scandinavia; it is now as low as 35° at Dumburgh Head and 38° at Wick, but is as high as 50° or a little above throughout Ireland and in the west and south of England. Severe frost prevails over Norway and Sweden, the thermometer in the north of that region standing at 10°. The highest readings reported are 54° at Lorient and Perpignan and 55° at Biarritz. The sky has cleared at nearly all stations in Scandinavia; over our area generally, however, it is either quite overcast or very cloudy, with rain at several places, both in these Islands and on the Continent, while at Christiansund snow is falling. The sea is rough or rather so on several parts of our western and north-western coasts, and also at Cape Gris Nez, and on the coasts of Holland and Brittany. In most other places it is moderate or slight. During yesterday the thermometer rose to 55° in several parts of England and Wales and to 57° at Torquay. Rain has fallen in most parts of the United Kingdom and in various Continental localities; the measurements, however, have been small. About 3 hours of bright sunshine were recorded yesterday over a considerable portion of the United Kingdom, and 5.2 hours at Aberdeen.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cessation of the baric rise and the tendency of the wind to back on our extreme north-west coasts probably indicate the early approach of another cyclonic system from the Icelandic region of the Atlantic. A continuance of unsettled weather is, therefore, still to be expected over these Islands generally.

FORECASTS*

For the 24 hours ending at NOON on 5th December, 1906.

DISTRICTS.

FORECASTS.

10	SCOTLAND NORTH	W ^{ly} or S.W ^{ly} to N.W ^{ly} winds, increasing in force; changeable, occasional rain; moderate temperature.
11	SCOTLAND EAST	
12	ENGLAND N.E.	Wind mainly W ^{ly} varying in strength; generally cloudy or overcast, slight rain occasionally; temperature continuing above the normal.
13	ENGLAND EAST	
4	MIDLAND COUNTIES	
15	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

16	SCOTLAND WEST	Same as Nos. 0 and 1.
17	ENGLAND N.W.	Same as Nos. 2 to 5.
18	ENGLAND S.W.	
19	IRELAND NORTH	Moderate to strong winds, chiefly between S.W. and N.W.; changeable, rain at times; rather mild.
110	IRELAND SOUTH	

WARNINGS

At 3.25 pm. yesterday to District 3, and at 7.10 pm. to Districts 0, 1, 2, 6, 7, 9, 10, and part of 8, "HOIST NORTH CONE." The signals are still up on all coasts.

Note.—The South Cone, point downwards (⏏), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (⏏), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

4TH DECEMBER, 1906

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.			
Blackpool, to 9 p.m.	52	44	+ c	3.5	0.14	Eastbourne, to 6 p.m. ...	55	49	*	2.7	-
Southport, to 9 p.m.	53	48	o r. c. c q	3.5	0.09	Bexhill-on-Sea, to 9 p.m. ...	56	49	b. c. v	3.5	-
Rhyl, to 6 p.m.	54	45	o. r. o	2.2	0.17	Hastings	*	*	*	2.2	*
Llandudno, to 9 p.m.	54	48	b c p q	2.5	0.08	Folkestone, to 6 p.m. ...	54	45	o. b c. o	2.2	-
Bettws-y-Coed, to 6 p.m. ...	55	46	o. o. c. o	1.5	0.23	Broadstairs,	*	*	*		*
Towyn, to 6 p.m.	52	48	o p. c	1.3	0.09	Margate, to 6 p.m. ...	53	40	o	0.4	0.01
Aberystwyth, to 6 p.m. ...	52	48	+ c. o	2.0	0.04	Lowestoft, to 6 p.m. ...	53	47	o. c p. b	2.0	0.01
Plymouth, to 9 p.m.	55	50	c. b q p. c	4.8	0.05	Skegness	53	47	b c. c	3.2	-
Torquay, to 6 p.m.	57	50	*	4.3	0.01	Scarborough, to 6 p.m. ...	53	48	*	3.3	0.01
Bournemouth, to 6 p.m. ...	54	47	*	3.0	0.09	Harrogate, to 6 p.m. ...	48	44	o. b c q	1.9	0.07
Bognor,	*	*	o. b c	4.1	*	Darwen, to 9 p.m. ...	47	43	o m r. b c. o m q	3.0	0.59
Worthing	56	42	o. c. b. c	3.4	0.02	Manchester, to 9 p.m. ...	53	49	o r. b c. o	1.8	0.19
Brighton	54	48	*	2.7	-	Birmingham, to 9 p.m. ...	52	46	c	2.6	0.08

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

STATIONS. 3 rd Dec ^r 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 3 rd Dec ^r 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg	?	?	o. o	-	Algiers	57	46	+ c	1.38
Utrecht	50	37	+ o	0.16	Tunis	52	45	+ f	0.59
Groningen	50	39	o. o	0.12	Madeira (Funchal)	not	not		
Vienna	43	37	o. o	-	Geneva	1 p.m.	Observations	1 p.m.	Measured 7 a.m.
Florence	53	46	b. b	-	Berne		*		
Rome	62	48	b. b	-	Coire		*		
Naples	60	53	c. c	-	Castasegna		*		
Palermo	60	46	+ o	1.02	Lugano		*		
Brindisi	59	45	+ +	0.20	Davos		*		
Malta	66	51	b c	0.63					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.
* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (" ")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

4 th Dec ^r 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.46	11.43	3.40
Greenwich	7.49	11.50	3.52
Wick	8.43	12.2	3.22
Valencia	8.32	12.31	4.30

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Wednesday,

Meteorological Office, London.

5th December,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.	
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Max.	Min.				
SCANDINAVIA.	Haparanda...	29.21	-1	N	2	b	29.17	+0.6	-8	-8	-18	N	2	c		12	?				
	Hernösand ...	29.51	17	Z	0	b	29.27	-0.9	16	16	+2	SW	2	b	*	18	?	*	*	-	
	Stockholm ...	29.69	18	W	2	b	29.48	+1.2	24	22	+3	SW	2	o	*	36	16	*	*	-	
	Wisby...	29.71	27	N	6	b	29.56	+2.6	27	25	-3	SSE	2	b	*	45	25	*	*	-	
	Karlstad ...	29.76	23	W	2	b	29.32	-2.4	28	27	+5	W	6	s	*	*	*	*	*	-	
	Færder (X'ania Fjord)	29.76	35	SW	5	b	29.06	-5.4	34	34	+2	SSE	8	t	*	4	36	32	*	*	-
	Bodö ...	29.32	21	NE	2	o	29.21	-2.8	21	19	+11	E	2	b	2	21	10	*	*	-	
	Christiansund ...	29.54	31	SW	3	s	28.95	-7.1	31	30	0	N	3	o	5	32	30	*	*	0.16	
Skudesnaes ...	29.73	37	SE	6	o	28.99	-6.7	42	39	+8	WNW	6	c	6	42	32	b, o	*	0.79		
BRITISH ISLANDS.	Sumburgh Head	29.45	41	S	5	r	28.81	-9.8	41	40	+6	W	4	c	5	41	35	o, t	*	0.53	
	Stornoway ...	29.37	51	SW	2	r	29.03	-8.4	40	40	-3	W	5	r	5	57	38	d, o, t	0.0	0.20	
	Malin Head ...	29.71	52	W	7	rf	29.32	-6.2	44	42	-7	WNW	10	crhg	7	52	39	rf	*	0.10	
	Blackod Pt. ...	29.99	53	SW	6	rgm	29.73	-4.1	40	39	-12	WSW	8	rgm	5	53	38	om, rg, b	*	0.28	
	Valencia ...	30.21	53	WSW	5	opm	29.98	-3.3	48	42	-4	W	7	ohp	6	54	43	om, opm	0.0	0.09	
	Roche's Point ...	30.17	54	W	3	c	29.89	-3.7	44	43	-8	NW	7	c	5	57	44	c	*	0.03	
	Birr Castle ...	30.04	54	W	5	r	29.76	-4.1	41	39	-10	W	6	cq	*	55	38	o, t	0.0	0.08	
	Donaghadee ...	29.80	53	W	4	c	29.49	-5.1	39	38	-13	W	6	t	6	54	37	om, o, op	*	0.65	
Liverpool Obsy...	29.94	52	W	6	o	29.50	-5.3	43	40	-6	W	7	c	6	55	41	omfo	*	0.08		
Holyhead ...	29.97	53	SW	3	om	29.60	-4.8	43	42	-9	WNW	8	t	6	53	42	o, om	*	0.02		
Pembroke (St. Ann's Hd.)	30.11	53	WSW	5	o	29.75	-4.2	47	44	-5	WNW	8	cqfo	6	54	46	c, bc, b	2.3	0.03		
GERMANY, & C.	Scilly (St. Mary's) ...	30.29	52	W	5	m	30.01	-3.0	50	47	-2	W	7	clq	5	54	49	opm, m	0.0	0.02	
	Jersey (St. Aubins) ...	30.22	52	WNW	4	ogm	29.93	-3.4	52	49	-2	WNW	7	ogm	5	56	51	om, ogm, b	0.0	0.05	
	Portland Bill ...	30.11	52	WNW	5	b	29.82	-3.3	49	47	-4	W	8	rg	6	55	49	o, b	*	-	
	Dungeness ...	30.03	52	W	2	o	29.69	-3.7	49	48	-1	NW	4	c	5	53	48	c, o	0.0	0.01	
	Wick ...	29.33	38	S	3	r	28.98	-8.7	36	35	-2	NW	5	t	4	40	34	t, r, sp	*	0.40	
	Nairn ...	29.39	51	W	4	c	29.10	-7.8	36	35	-6	WNW	5	op	3	53	35	-	0.0	0.28	
	Aberdeen ...	29.52	45	SSW	3	o	29.14	-7.7	37	35	-5	WSW	3	b	2	51	37	om, rg, b	0.0	0.01	
	Leith ...	29.68	52	WSW	4	o	29.25	-6.7	38	36	-8	WSW	3	bc	*	52	38	ogp	*	0.21	
North Shields ...	29.77	49	SSW	2	o	29.35	-5.9	40	38	-5	W	4	c	2	49	37	t, o	*	0.03		
Spurn Head ...	29.86	47	S	4	r	29.40	-5.3	43	41	-4	WSW	5	qdp	4	52	42	qdp	*	0.03		
FRANCE.	Yarmouth ...	29.97	48	WSW	3	cm	29.58	-3.8	44	41	-1	W	4	bcm	3	50	44	c	*	0.02	
	Clacton-on-Sea ...	30.02	47	SW	1	t	29.67	-3.5	43	40	-4	W	4	bc	2	51	44	o, d, bc	0.0	0.14	
	Nottingham ...	29.95	52	W	2	o	29.56	-4.5	42	41	-6	W	4	bcgm	*	55	42	dm, o	0.0	0.10	
	Bath ...	30.10	52	W	1	bc	29.72	-4.1	47	43	-5	W	1	c	*	55	46	-	2.1	0.02	
	Oxford ...	30.00	50	W	2	bc	29.68	-4.0	45	41	-6	WSW	3	b	*	55	44	-	*	0.01	
	London (St. James' Park)	30.04	53	W	3	o	29.68	-3.5	47	44	-3	W	3	c	*	54	47	o, p, c	0.0	0.01	
	The Scaw (Skagen)	29.84	33	Z	0	b	29.06	-4.8	37	36	+4	SW	9	s	4	37	32	*	*	0.08	
	Fanö ...	29.89	30	NE	2	bc	29.26	-2.7	44	41	+4	NW	7	o	*	45	28	*	*	0.20	
Cuxhaven ...	29.93	37	N	2	b	29.38	-2.0	42	42	-4	WSW	4	og	*	46	32	*	*	0.04		
The Helder ...	29.98	44	N	1	b	29.54	-3.2	48	43	-1	WNW	6	c	5	50	39	*	*	0.04		
GERMANY, & C.	Brussels ...	29.86	33	W	2	c	29.69	-3.3	50	50	+4	SW	4	o	*	51	41	*	*	0.08	
	Berlin ...	30.01	42	NW	2	c	29.76	+2.6	30	29	-14	SE	3	o	*	48	28	*	*	0.16	
	Frankfurt ...	30.01	42	NW	2	c	29.76	+2.6	41	40	-1	SW	4	t	*	46	41	*	*	0.12	
	Munich ...	29.99	37	W	6	o	29.95	+0.2	37	36	-3	SW	5	o	*	41	36	*	*	0.12	
	C. Gris Nez ...	30.05	52	W	3	o	29.75	-3.3	52	52	+3	WSW	5	o	6	52	46	*	*	-	
	Brest ...	30.29	53	NW	6	f	30.06	-3.3	51	49	-1	NW	6	o	5	53	48	*	*	0.08	
	Lorient ...	30.23	54	NW	5	o	30.07	-2.4	52	53	0	W	6	m	7	55	52	*	*	-	
	Rochefort ...	30.34	54	WNW	6	o	30.18	-2.7	53	53	+1	NW	6	m	*	54	52	o	*	-	
Biarritz ...	30.50	55	WNW	5	o	30.34	-2.4	57	57	+2	W	5	t	4	57	52	*	*	0.16		
FRANCE.	Paris ...	30.13	52	WNW	2	o	29.88	-1.29	50	50	+2	SW	3	o	*	52	48	*	*	0.08	
	Belfort...	30.08	41	WSW	6	r	29.92	-2.0	44	44	+4	WSW	6	t	*	44	40	*	*	0.39	
	Lyons ...	30.22	43	NE	1	o	30.12	-1.3	47	44	+1	N	1	o	*	47	42	*	*	0.75	
	Nice ...	29.84	56	Z	0	b	29.87	+0.5	46	40	-3	E	2	c	3	63	45	*	*	-	
	Perpignan ...	30.21	57	NW	5	b	30.09	-2.0	57	50	+3	NW	6	o	*	61	54	*	*	-	
	Corunna ...	30.43	56	N	4	b	30.34	-1.22	54	49	+7	N	3	b	*	64	54	*	*	-	
	Lisbon ...	30.67	58	ENE	4	bc	30.59	-0.8	59	55	0	ENE	4	c	*	64	55	*	*	-	
	Azores (P. Delgada)...	30.68	58	NE	3	c	30.63	-0.5	59	54	0	NE	4	c	*	64	57	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR WEDNESDAY, 5TH DECEMBER, 1906.

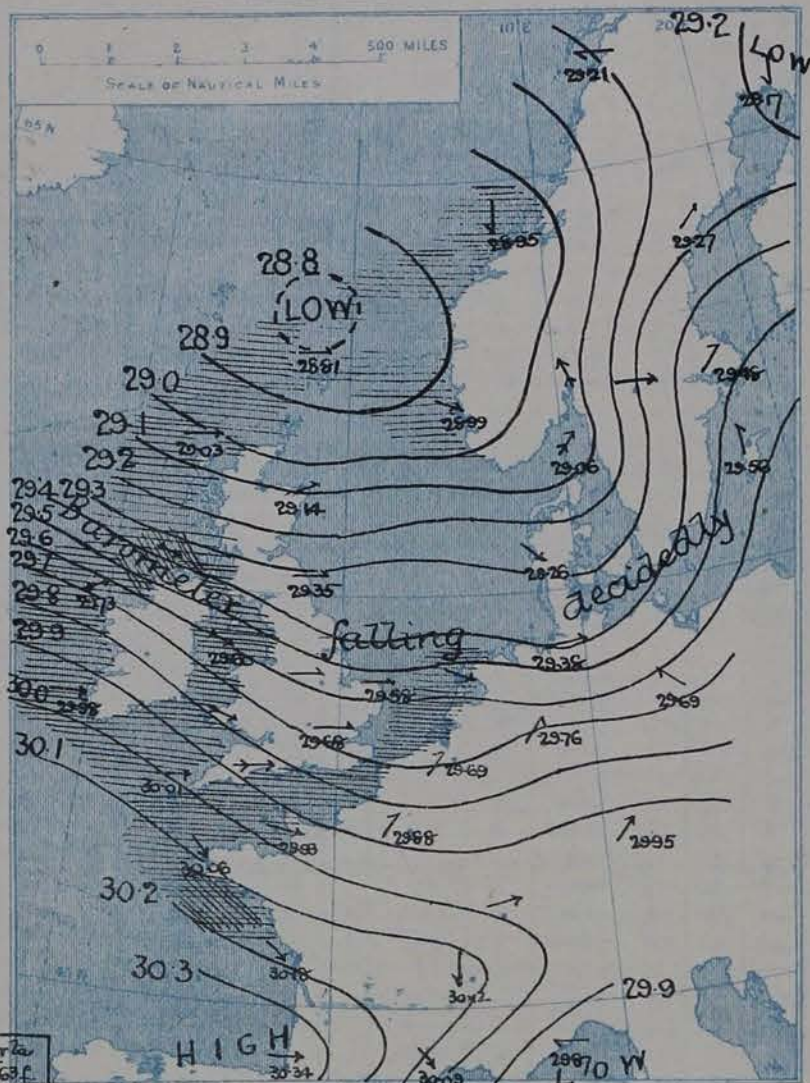
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ——— Force 5 to 7 ——— } Calm ☉
Force 8 to 10 ——— Force 1 to 4 ———

SEA.—Rough ——— High ———

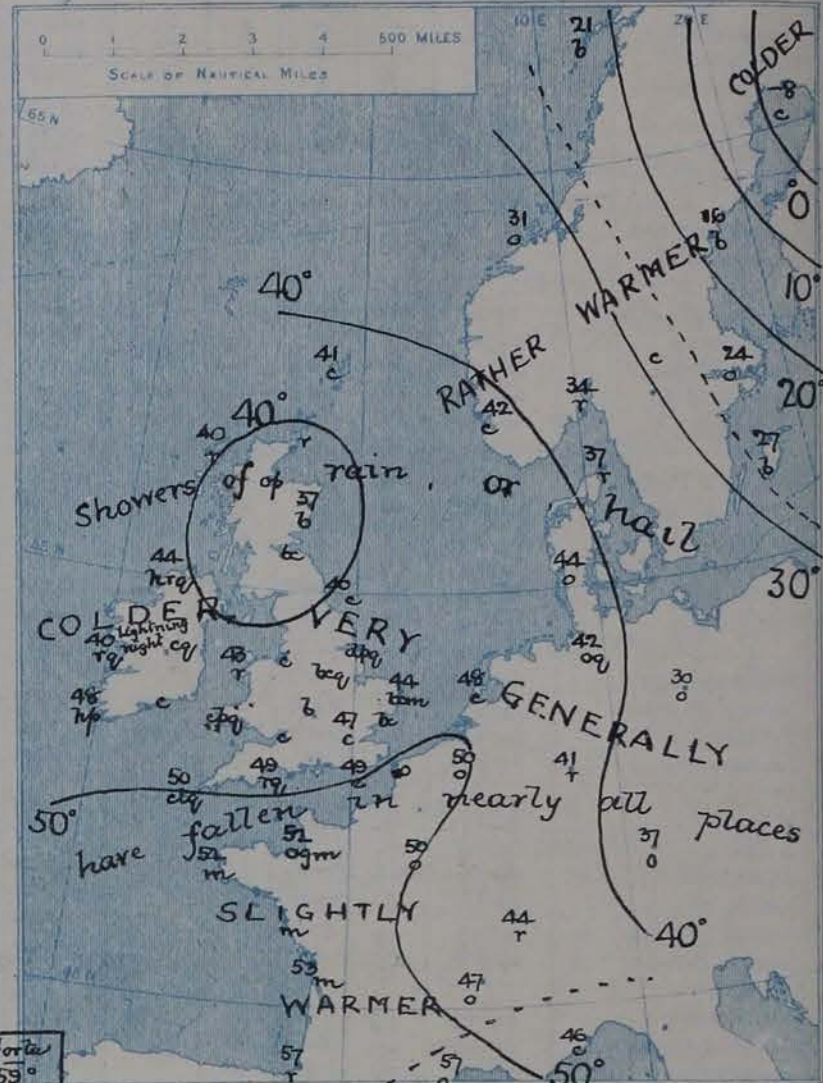


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

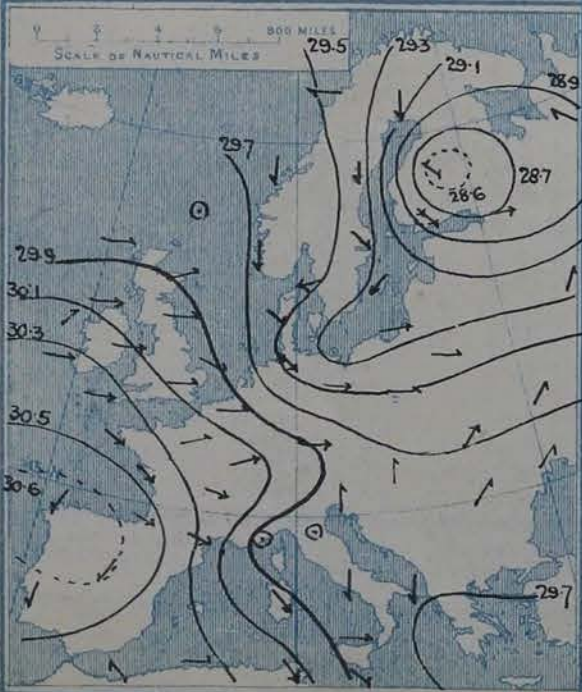
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. LAST WEEK'S RAINFALL.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 1st Dec. with the percentage of the average amount for the corresponding week.



V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period
NOVEMBER - DECEMBER

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since last evening the centre of an extensive and deep cyclonic system has advanced from the north-westward to a position not a great distance to the northward of the Shetlands. At Sumburgh Head, where the barometer has fallen nine tenths of an inch since 2 p.m. yesterday, the reading is as low as 28.81 ins. To the south-westward the readings increase to 30.00 ins. off the south-west coast of Ireland, and to the northward to 30.34 ins. at Biarritz. Gradients are steepest over Ireland and certain parts of Scandinavia. Pressure is still low (29.9 ins. and less) over the Gulf of Genoa.

WIND

TEMPERATURE

WEATHER

AND

SEA

The Westerly or West North-Westerly winds which are general over the United Kingdom and its immediate neighbourhood blow very strongly on our western and southern coasts; at Blackhead Point, at Portland Bill, and on the Welsh coast a gale is blowing, while at Malin Head there is the force of a whole gale. At the last named station the force of a "storm" was experienced during the night. In the Skager-Rack there is a strong South-Westerly gale and over Christiania Fjord a South South-Easterly gale. Along the east and south-east coasts of Great Britain there is at present no greater force than a fresh breeze.

Temperature has fallen very generally over the United Kingdom and also in most Continental regions. It now ranges from 52° at Jersey to 36° in the north of Scotland; and from 57° at some stations in the extreme south of France to 24° at Stockholm, and to -8° at Haparanda.

The weather is temporarily fine and bright in a few places, but as a whole it is very cloudy or overcast, with passing showers or steady rain in various parts of the United Kingdom and at several Continental stations. Hail showers are reported from the north and south-west of Ireland, lightning at the Shilly Isles, and snow at Skagen and Harstad.

The sea is high at Malin Head, rough or rather so off our northern, western and south-western coasts, moderate or slight along our east coast.

The highest temperature reported over our Islands yesterday was 57° at Torquay and Roches Point. Rain has fallen at nearly all our own stations and over the nearer countries of the Continent, the largest amounts being 0.4 in. at Wick, 0.5 in. at Sumburgh Head, and 0.8 in. at Skudesnaes and Lyons. Very little bright sunshine was recorded yesterday in any part of these Islands.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The main depression in the north is likely to travel on to Scandinavia, while small local irregularities of pressure in its rear will probably pass over our Islands and be accompanied by occasional squalls and showers. The gales now prevailing on our western and southern coasts may be expected to subside gradually before the ensuing 24 hours have elapsed.

FORECASTS*

For the 24 hours ending at NOON on 6th December, 1906.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
✓10	{ SCOTLAND NORTH	Wind mainly W ^{ly} (between N.W. and S.W.) fresh to very strong, then moderate; changeable, squally, sleet or rain showers.	✓6	{ SCOTLAND WEST	Same as Nos. 0 and 1.
✓1	{ SCOTLAND EAST		✓7	{ ENGLAND N.W.	
✓2	{ ENGLAND N.E.		✓8	{ ENGLAND S.W.	W ^{ly} and N.W. ^{ly} strong winds or gales, subsiding later; changeable, squally, showery; cooler than of late.
✓3	{ ENGLAND EAST	W ^{ly} to N.W. ^{ly} winds, strong or fresh in exposed places; changeable, some showers; cooler than of late.	✓9	{ IRELAND NORTH	
4	{ MIDLAND COUNTIES		✓10	{ IRELAND SOUTH	
✓5	{ ENGLAND SOUTH			WARNINGS	

Note.—The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (⌴), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

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.			
Blackpool, to 9 p.m. ...	51	47	o, o, o	0.0	0.10	Eastbourne, to 6 p.m. ...	53	48	*	0.2	-
Southport, to 9 p.m. ...	51	47	o, c, m, o	0.0	0.14	Bexhill-on-Sea, to 9 p.m. ...	53	50	v	0.0	-
Rhyl, to 6 p.m. ...	54	48	?	0.0	0.05	Hastings ...	*	*	*	0.0	*
Llandudno, to 9 p.m. ...	52	48	b, c, p	0.0	0.09	Folkestone, to 6 p.m. ...	51	44	o	0.0	-
Bettws-y-Coed, to 6 p.m. ...	52	48	c, r, o	0.0	0.18	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	50	46	f: r	0.0	0.20
Aberystwyth, to 6 p.m. ...	52	48	r, c, o	0.0	0.03	Lowestoft, to 6 p.m. ...	50	42	b, c, o	0.7	-
Plymouth, to 9 p.m. ...	55	51	o, b, c, o	0.9	-	Skegness ...	49	46	o, m	0.0	0.02
Torquay, to 6 p.m. ...	57	50	*	1.4	-	Scarborough, to 6 p.m. ...	49	44	*	0.0	0.02
Bournemouth, to 6 p.m. ...	55	50	*	0.7	-	Harrogate, to 6 p.m. ...	50	45	o, d, r	0.0	0.06
Bognor, ...	*	*	o, b, c, b	1.2	*	Darwen, to 9 p.m. ...					
Worthing ...	52	46	o, c, b	0.5	-	Manchester, to 9 p.m. ...	53	47	o, d, o, f	0.0	0.29
Brighton ...	53	47	*	0.2	-	Birmingham, to 9 p.m. ...	53	46	o, c	0.0	-

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

STATIONS. 4 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 4 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	?	23	S, S	0.20	Algiers ...	63	50	b, c, b	-
Utrecht ...	52	45	c, c	0.28	Tunis ...	59	48	b, c, o	-
Groningen ...	50	43	o, o	0.24	Madeira (Funchal) ...	not recd.			
Vienna ...	48	46	c, b	-	Geneva ...	45	*	b	Measured 7 a.m. 0.04
Florence ...	57	36	b, b	-	Berne ...	39	*	b	0.04
Rome ...	60	42	b, o	-	Coire ...	41	*	o	-
Naples ...	59	46	b, o	-	Castasegna ...	59	*	b	-
Palermo ...	57	47	o, f	0.51	Lugano ...	48	*	b	-
Brindisi ...	61	44	b, b	-	Davos ...	36	*	b	0.04
Malta ...	60	52	b	0.04					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	5 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	7.47	11.44	3.40
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	7.50	11.57	3.52
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	8.45	12.3	3.21
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.33	12.32	4.30
France ...	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Thursday

Meteorological Office, London.

6th December,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)		Max.	Min.					
SCANDINAVIA.	Haparanda...	29.33	-14	N	2	b	29.52	+3.5	14	13	+2.2	N	2	c	?	-15		Hours.	Ins.		
	Hernösand...	29.36	22	NW	2	b	29.73	+4.6	10	10	-6	NNW	2	b	23	10					
	Stockholm...	29.07	33	E	2	o	29.55	+0.7	27	26	+3	N	6	o	34	19		0.12			
	Wisby...	29.06	38	S	6	o	29.38	-1.8	36	33	+9	NE	4	o	39	23		0.28			
	Karlstad...	29.19	24	NW	4	o	29.77	+4.5	19	18	-9	N	4	b	34	8	0.5	0.47			
	Färder (X'ania Fjord)	29.19	30	N	5	o	29.78	+7.2	28	25	-6	NNE	6	b	34	28		0.16			
	Bodö...	29.54	16	Z	0	b	29.71	+5.0	15	14	-6	E	4	c	21	12					
	Christiansund...	29.47	31	N	5	bc	29.86	+9.1	30	20	-1	SW	1	s	31	27		0.12			
Skudesnaes...	29.15	39	Z	0	bc	29.83	+8.4	33	29	-9	NNE	2	b	42	32	0.6c					
BRITISH ISLANDS.	Sumburgh Head	29.07	40	N	2	b	30.07	+1.26	37	34	-4	N	4	o	43	36	bc, b		0.04		
	Stornoway...	29.40	42	NW	3	+	30.23	+1.20	40	40	0	N	2	o	43	30	c, r	0.0	0.19		
	Malin Head...	29.22	43	NNW	11	orhg	30.13	+8.1	45	44	+1	NNE	6	cp	45	42	orhg, o		0.44		
	Blackod Pt. ...	29.77	45	WSW	9	+q, m	30.26	+5.3	47	43	+7	NNW	6	cq, m	47	39	cq, h, m		0.24		
	Valencia...	29.94	48	NW	8	c	30.16	+1.8	47	41	-1	N	7	bcq	50	38	bc, q	2.1	0.12		
	Roche's Point...	29.73	46	NW	7	bc, p	30.09	+2.0	45	42	+1	N	6	b	47	40	c, bc, p		0.03		
	Birr Castle...	29.65	43	W	7	o	30.14	+3.8	42	39	+1	NNW	6	bc	45	37	cq, p, o	1.2	0.21		
	Donaghadee...	29.16	46	WNW	8	+	30.09	+6.0	46	44	+7	N	8	o	48	37	om, r, q		0.27		
	Liverpool Obsy...	29.20	44	W	7	+	29.92	+4.2	41	38	-2	N	4	b	46	38	r, h, q		0.34		
	Holyhead...	29.25	44	WNW	9	+q, m	29.98	+3.8	46	43	+3	NE	7	c	47	41	oq, p, m, g		0.14		
	Pembroke (St. Ann's Hd.)	29.54	46	WNW	8	o	29.91	+1.6	44	42	-3	NNW	5	c	49	43	cf, q, o, q	3.3	0.10		
	Scilly (St. Mary's)...	29.81	48	NW	9	cq	29.88	-1.3	47	44	-3	N	7	cq	50	46	c, h, q	2.7	0.19		
	Jersey (St. Aubins)...	29.68	46	WNW	8	bc	29.68	-2.5	46	42	-6	NNE	7	cq, h, m	53	44	r, c, h, p, e	0.3	0.22		
	Portland Bill...	29.52	45	WNW	10	bcq	29.71	-1.1	42	40	-7	N	7	c	51	?	r, q, bcq		0.04		
	Dungeness...	29.39	41	W	5	bc	29.62	-0.7	40	39	-9	NE	4	bc	50	38	bc, l	2.0	0.03		
	Wick...	29.22	35	NW	2	bc	30.12	+1.14	40	37	+4	N	4	o	45	33	-		0.20		
Nairn...	29.27	40	WNW	2	bc	30.13	+1.03	41	38	+5	ENE	4	o	44	34	-	0.5	0.15			
Aberdeen...	29.19	37	NNW	2	b	30.07	+9.3	41	39	+4	NNW	4	c	42	36	bc, c, bc, p	3.2	0.09			
Leith...	29.03	42	NW	4	b	30.05	+8.0	44	39	+6	N	4	c	44	37	q, p		0.03			
North Shields...	29.09	39	WSW	3	o	29.90	+5.5	45	40	+5	NNE	6	orhg	45	36	c, o, p		0.15			
Spurn Head...	29.18	42	W	5	b	29.71	+3.1	46	42	+6	N	4	bcv	46	39	b, p		0.12			
Yarmouth...	29.26	44	WSW	5	b	29.65	+0.7	45	41	+1	NNE	5	bc	45	37	bc, b, h, l		0.05			
Clacton-on-Sea...	29.36	41	WNW	5	bc, l	29.67	0.0	34	32	-9	N	4	bc	46	32	c, bc, l	2.2	-			
Nottingham...	29.27	39	W	1	cp	29.80	+2.4	42	41	0	NNE	2	cm	44	37	bcq, p, c	1.6	0.35			
Bath...	29.47	42	W	6	b	29.83	+1.1	41	39	-6	N	6	b	48	39	-	3.0	0.20			
Oxford...	29.32	40	WSW	4	+	29.80	+1.2	38	37	-7	N	2	b	46	38	-	*	0.18			
London (St. James' Park)	29.39	41	WNW	4	b	29.70	+0.2	40	34	-7	NNW	3	b	47	38	bc, o, r, b	1.5	0.11			
GERMANY, &c.	The Scaw (Skagen)	29.17	37	NE	4	o	29.69	+6.3	29	27	-8	ENE	5	o	39	28			0.04		
	Fanö...	29.26	35	NE	2	b	29.65	+3.9	32	31	-12	N	4	c	45	30					
	Cuxhaven...	29.21	41	SW	3	+	29.52	+1.4	39	37	-3	NE	4	b	46	37	trq		0.08		
	The Helder...	29.24	43	NW	2	c	29.60	+0.6	44	41	-4	NE	3	c	48	37			0.08		
	Brussels...						29.56	-1.3	33	33	-17	NNW	1	bc	51	32			0.16		
	Berlin...	29.31	40	SSW	1	o	29.41	-2.8	39	38	+9	NE	2	+	39	30			0.12		
	Frankfurt...	29.31	42	SW	3	+	29.49	-2.7	35	34	-6	SW	3	c	48	34			0.28		
	Munich...	29.47	43	W	6	+	29.57	-3.8	34	33	-3	Z	0	o	45	34			0.04		
FRANCE.	C. Gris Nez...	29.47	44	WNW	5	o	29.61	-1.14	42	41	-10	ENE	5	c	52	41			0.28		
	Brest...	29.82	49	NW	7	c	29.66	-1.40	48	47	-3	NNE	8	o	57	46			0.24		
	Lorient...	29.85	46	NW	6	o	29.57	-1.50	46	45	-8	N	7	+	54	45			0.16		
	Rochefort...	29.89	49	WNW	7	o	29.47	-1.70	49	46	-4	NNW	7	o	57	36	o		0.32		
	Biarritz...	30.04	56	W	6	o	29.75	-1.59	50	47	-7	W	6	q	57	45			0.16		
	Paris...	29.58	43	WSW	2	b	29.48	-1.40	38	37	-12	ESE	1	+	53	38			0.20		
	Belfort...	29.56	43	WSW	7	o	29.50	-1.42	33	33	-11	W	3	o	52	32			0.20		
	Lyons...	30.12	46	SW	3	bc	29.68	-1.54	37	35	-10	S	1	o	52	26			0.12		
Nice...	29.63	49	Z	0	o	29.30	-1.57	47	37	+1	Z	0	b	57	45			-			
Perpignan...	29.83	63	NW	4	bc	?	?	45	39	-12	NW	3	b	65	43			-			
SPAN. PEN.	Corunna...																				
	Lisbon...	30.20	55	N	5	b	30.11	-2.23	55	50	+1	NNW	5	c	63	52			-		
	Azores (P. Delgada)...	30.52	57	NE	4	b	30.48	-1.11	58	53	-1	ENE	3	o	63	55			-		
„ (Horta)...	30.54	59	Z	0	bc	30.49	-1.14	59	56	0	SE	3	o	64	57			-			

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +.03 in., but for Sumburgh Head +.04 in.; for stations South of Malin Head and North Shields +.02 in., but for Scilly and Jersey +.01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR THURSDAY, 6th DECEMBER, 1906.

I. BAROMETER, WIND AND SEA. This Morning.

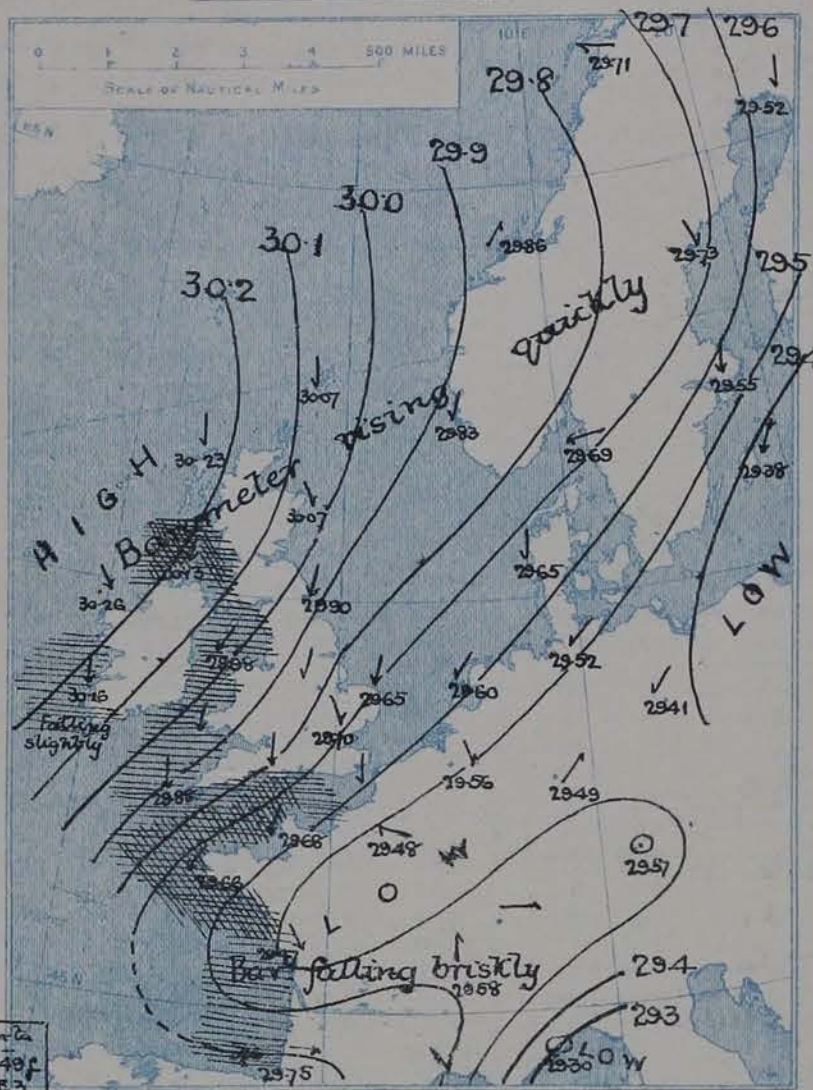
BAROMETER.—Isobars are drawn for each tenth of an inch

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉

Force 8 to 10 → Force 1 to 4 →

SEA.—Rough High

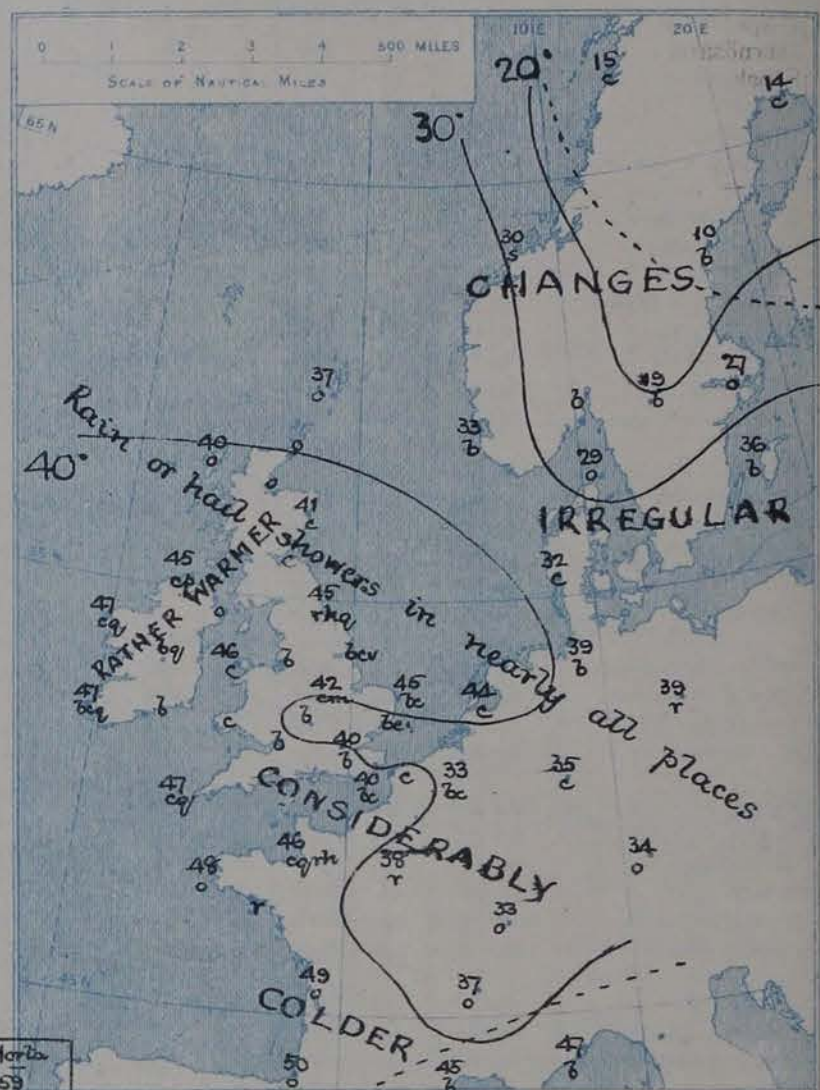


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



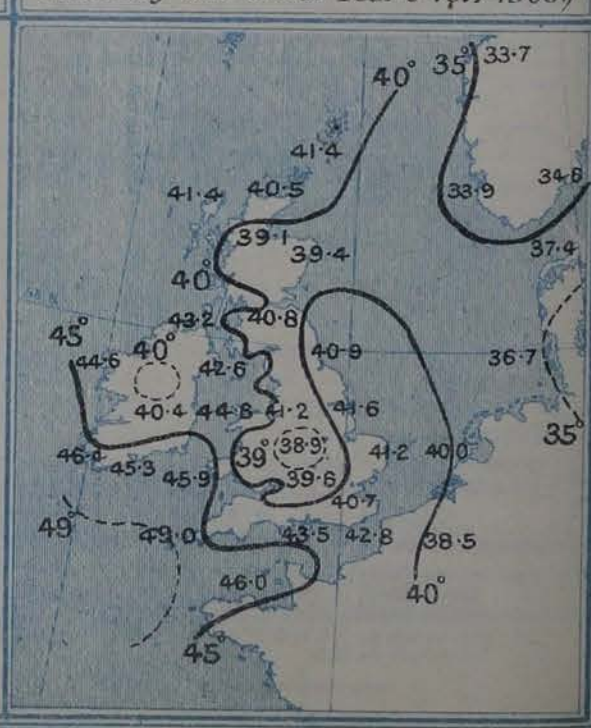
IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended 1st DECEMBER with the percentage of the average duration for the corresponding week.



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period NOVEMBER - DECEMBER

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The deep cyclonic disturbance which lay off the north of Scotland yesterday morning travelled south-eastwards during the day and night, becoming in the meantime, much modified in form and of less intensity. The barometer has since risen with great rapidity over Scotland and the Shetlands, the change since 6 p.m. yesterday amounting to 1 inch at Sumburgh Head. The readings now range from above 30.2 ins. over the Shetlands, the north-west of Ireland, and the adjacent part of the Atlantic, and 30.11 ins. at Aichen, to below 29.5 ins. in an elongated area over France, to below 29.4 ins. over the Baltic, and to 29.3 ins. at Hüll.

WIND

TEMPERATURE

WEATHER

AND

SEA

With this change in the pressure distribution the wind has veered to the Northward over our Islands and the North-Western countries of Europe generally. It still blows a gale in the North Channel and on the coast of Brittany, and strong breezes or high winds are reported from most parts of our western and north-western coasts, as well as at the mouth of the Tyne and over the Bay of Biscay. A Northerly gale also prevails over the upper portion of the Baltic. Temperature has fallen over England and in nearly all Continental regions, while it has risen in Ireland and Scotland. The lowest reading over the United Kingdom is 34° at Clacton-on-Sea, and readings of about 40° are reported from many other parts of Great Britain. On the Continent the values range from 49° at Rochefort to 38° at Paris and to 10° at Årearsund. The weather has improved greatly over our Islands, the sky being clear or nearly so in several parts of England and Ireland; in Scotland and the north-east of England, however, there is much cloud, with showers of hail and rain at North Shields. On the Continent the weather is more variable; rain is falling at Berlin and some French stations, and snow at Christiania. The sea is high off the north of Ireland and on the coasts of Brittany, rough or rather so in most other places.

Nearly all the maximum temperatures recorded over our Islands yesterday were below 50°, and many of them below 45°. Rain has fallen in almost all parts of north-western Europe, but the amounts have not been large. Thunderstorms were experienced yesterday in the south-west of Ireland and at Dungeness, and during the night at Dungeness, while lightning alone was observed in several places. Most stations recorded about 2 hours bright sunshine, the maximum duration reported being 3.7 hours at Torquay.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The high pressure in the north-west and north will probably continue to spread over these Islands during the ensuing 24 hours, while the strong Northerly winds now prevalent in the west and south-west subside gradually. Local showers are likely in various parts of the United Kingdom, but as a whole the weather will be fair, and temperature lower than of late.

FORECASTS*

For the 24 hours ending at NOON on 7th December, 1906.

DISTRICTS.

FORECASTS.

1	SCOTLAND NORTH	N th winds, moderate, backing again by to-morrow; some showers locally, otherwise fair; temperature about normal.
2	SCOTLAND EAST	
3	ENGLAND N.E.	N th winds, decreasing in force; fair generally, but some showers on east coast; temperature about normal, frost inland at night.
4	ENGLAND EAST	
5	MIDLAND COUNTIES	
6	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

7	SCOTLAND WEST	Same as Nos. 0 and 1.
8	ENGLAND N.W.	N th winds, decreasing in force; some local showers, otherwise fair; temperature about normal.
9	ENGLAND S.W.	
10	IRELAND NORTH	N th winds, strong to moderate; some showers in north and north-west, fair as a whole; rather cool.
11	IRELAND SOUTH	
WARNINGS		At 7.10 p.m. yesterday to all parts of our coasts "HOIST NORTH CONE."

Note. The South Cone, point downwards (⏏), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (⏏), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

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.			
Blackpool, to 9 p.m. ...	52	38	cq, or, c	2.0	0.24	Eastbourne, to 6 p.m. ...	53	42	*	2.8	0.03
Southport, to 9 p.m. ...	52	40	oq, h, c	1.2	0.25	Bexhill-on-Sea, to 9 p.m. ...	52	40	b, p, c	2.5	0.03
Rhyl, to 6 p.m. ...	53	42	?	1.0	0.50	Hastings ...	*	*	*	2.4	*
Llandudno, to 9 p.m. ...	53	42	bcbq	0.7	0.06	Folkestone, to 6 p.m. ...	51	39	o, b, c, b	2.2	0.03
Bettws-y-Coed, to 6 p.m. ...	56	40	c, t, c, f	0.4	0.20	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	46	42	t, o, c, o	0.4	0.07	Margate, to 6 p.m. ...	48	45	t, b	1.2	0.08
Aberystwyth, to 6 p.m. ...	49	42	t, c, o	0.0	0.03	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	54	42	bcbq p	2.8	0.11	Skegness ...	44	38	q, b, c, c	2.9	0.02
Torquay, to 6 p.m. ...	50	45	*	3.7	0.05	Scarborough, to 6 p.m. ...	53	38	*	2.0	0.02
Bournemouth, to 6 p.m. ...	48	?	*	2.0	0.04	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*	b, c, m, w	2.7	*	Darwen, to 9 p.m. ...	50	36	om, t, h, o, w	0.4	0.47
Worthing ...	48	?	o, c, m, c, b	3.1	0.01	Manchester, to 9 p.m. ...	54	38	om, o, t	0.8	0.48
Brighton ...	48	43	*	2.8	0.01	Birmingham, to 9 p.m. ...	53	37	o, c, t, d	1.9	0.18

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

STATIONS 5 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 5 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	Observations		not received.		Algiers ...	Observations		not received.	
Utrecht ...					Tunis ...				
Groningen ...					Madeira (Funchal) ...				
Vienna ...									
Florence ...					Geneva ...	45	*	1 p.m.	Measured T. 0.8
Rome ...					Berne ...	41	*	0	0.12
Naples ...					Coire ...	41	*	0	0.12
Palermo ...					Castasegna ...	46	*	0	-
Brindisi ...					Lugano ...	55	*	b	-
Malta ...					Davos ...	28	*	s	0.12

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	6 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*				
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Yarmouth ...	7.49	11.44	3.39
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ...	7.51	11.51	3.51
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Wick ...	8.47	12.8	3.20
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia ...	8.35	12.32	4.29
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Friday,

Meteorological Office, London. 7th December

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
		At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)		Max.	Min.					
SCANDINAVIA.	Haparanda...	Ins.	4	Z	0	b	Ins.	Ins.	1	1	-13	N	2	C	14	-15	*	*	-		
	Hernösand ...	29.91	5	SE	2	b	29.80	+16	21	21	+11	W	2	b	?	3	*	*	-		
	Stockholm ...	30.03	12	Z	0	b	30.04	+149	18	16	-9	WSW	1	b	34	12	*	*	-		
	Wisby...	29.95	29	NNE	6	C	30.11	+73	31	29	-5	NNW	4	b	39	23	*	*	-		
	Karlstad ...	30.12	15	Z	0	b	30.07	+30	15	15	-4	Z	0	b	*	*	*	*	-		
	Færder (X'ania Fjord)	30.12	29	NNW	2	b	30.04	+26	34	32	+6	WSW	4	C	?	28	*	*	-		
	Bodö ...	29.74	28	N	1	0	29.35	-36	27	26	+12	E	5	S	3	28	14	*	*	-	
	Christiansund ...	29.97	35	SW	5	0	29.62	-24	44	41	+14	WSW	8	T	5	44	28	*	*	0.39	
Skudesnaes ...	30.20	33	Z	0	0	30.13	+30	43	41	+10	W	6	0	4	43	32	b, 0	*	-		
BRITISH ISLANDS.	Sumburgh Head	30.19	39	WNW	3	0	29.87	-20	47	47	+10	W	5	0	5	47	35	0	0.3	0.07	
	Stornoway ...	30.30	39	Z	0	0	30.06	-17	47	47	+7	W	3	0	3	47	38	0	0.3	0.01	
	Malin Head ...	30.36	44	N	3	b	30.28	+15	45	44	0	SW	4	og	3	45	41	b	*	-	
	Blacksod Pt. ...	30.42	43	W	2	cm	30.38	+12	47	46	0	SW	4	cm	3	47	37	b, cm	*	0.02	
	Valencia ...	30.40	44	NNE	3	b	30.47	+31	32	31	-15	E	1	b	49	32	b	4.2	-		
	Roche's Point ...	30.37	42	NNE	2	b	30.47	+38	37	36	-8	N	2	b	1	47	37	b, b	*	-	
	Birr Castle ...	30.38	38	Z	0	b	30.45	+31	29	28	-13	Z	0	b	45	27	b	5.3	-		
	Donaghadee ...	30.33	45	NNE	4	C	30.38	+29	36	35	-10	SW	3	b	2	46	34	b, cm, b	*	-	
	Liverpool Obsy...	30.28	41	N	2	b	30.42	+50	37	36	-4	N	1	b	2	45	37	b	*	-	
	Holyhead ...	30.29	46	NE	6	C	30.40	+42	40	39	-6	S	1	C	0	47	38	b, c	*	-	
	Pembroke (St. Ann's Hd.)	30.24	45	NE	4	b	30.43	+52	38	36	-6	NE	3	b	3	48	37	c, b	2.5	-	
	Scilly (St. Mary's)	30.17	48	NNE	6	cp	30.44	+52	48	45	+1	NE	4	C	4	50	46	c, cp	4.5	0.02	
	Jersey (St. Aubins)	30.04	46	ENE	5	b	30.30	+62	44	42	-2	NE	5	cm, b	5	49	43	b, r, cp, b	5.8	0.02	
	Portland Bill ...	30.07	43	N	6	b	30.36	+65	38	36	-4	NNE	4	b	4	46	37	c, b	*	-	
	Dungeness ...	29.97	44	NE	4	C	30.30	+68	42	39	+2	ENE	4	C	4	46	39	b, c, eq	4.3	0.17	
	Wick ...	30.21	40	N	3	0	30.01	+11	46	44	+6	W	4	C	2	46	36	-	*	-	
Nairn ...	30.31	38	W	1	0	30.11	-02	44	42	+3	W	3	0	1	44	36	-	0.0	0.01		
Aberdeen ...	30.30	39	W	2	0	30.16	+09	42	39	+1	SW	1	0	3	42	38	0, cm	0.5	-		
Leith ...	30.31	42	NNW	3	b	30.24	+19	43	39	-1	WSW	2	C	*	44	37	-	*	-		
North Shields ...	30.24	41	NE	4	cp	30.33	+43	39	37	-6	WSW	3	C	4	46	34	c, cp	*	0.01		
Spurn Head ..	30.16	42	NNE	5	cp	30.37	+66	39	38	-7	WNW	3	C	5	46	38	cp, c	*	0.05		
GERMANY, & C.	Yarmouth ...	30.01	44	NNE	6	b	30.33	+68	41	37	-4	ENE	4	b	4	47	40	c, b	5.3	0.03	
	Clacton-on-Sea ...	30.05	42	NNE	4	T	30.36	+69	36	34	+2	N	3	b	2	47	34	b, cp, b	5.3	0.02	
	Nottingham ...	30.17	41	NE	3	C	30.41	+61	30	29	-12	W	*	f	*	45	30	C	0.2	-	
	Bath ...	30.16	42	N	5	b	30.42	+59	32	31	-9	NNE	1	m	*	45	30	-	3.7	-	
	Oxford ...	30.22	40	NE	3	b	30.44	+64	30	30	-8	Z	0	b	*	44	30	T, b	*	0.04	
	London (St. James' Park)	30.06	44	N	4	C	30.36	+66	39	37	-1	N	3	C	*	47	38	b, cp, c, b	2.4	0.03	
	The Scaw (Skagen)	30.21	32	Z	0	b	30.15	+46	40	36	+4	W	5	0	1	40	27	*	*	-	
	Fanö ...	30.23	27	NE	1	C	30.33	+68	29	28	-3	S	1	b	*	32	25	*	*	-	
Cuxhaven ...	29.98	35	NE	5	0	30.35	+83	32	29	-7	NE	2	b	*	39	30	*	*	-		
The Helder ...	30.06	41	NE	5	0	30.38	+78	34	32	-10	E	1	b	0	45	34	*	*	0.12		
Brussels ...	*	*	*	*	*	30.31	+75	30	29	-3	NE	2	b	*	44	29	*	*	0.04		
Berlin ...	29.81	38	NNE	4	T	30.25	+84	33	33	-6	NE	3	b	*	41	32	*	*	0.39		
Frankfurt ...	29.85	37	NE	4	b	30.12	+63	36	35	+1	N	4	0	*	43	34	*	*	-		
Munich ...	29.75	33	SW	2	C	30.09	+52	32	31	-2	Z	0	S	*	36	30	*	*	0.04		
FRANCE.	C. Gris Nez ...	29.91	43	NE	6	T	30.35	+74	33	31	-9	E	3	b	3	45	32	*	*	0.67	
	Brest ...	30.08	47	NE	5	C	30.28	+62	44	41	-4	N	4	C	3	50	43	*	*	-	
	Lorient ...	29.92	48	NE	6	b	30.26	+69	41	39	-5	ENE	4	C	5	52	39	*	*	-	
	Rochefort ...	29.86	44	NE	7	0	30.08	+61	38	36	-11	NE	6	C	*	50	36	0	*	-	
	Biarritz ...	29.68	48	NE	6	0	30.05	+30	39	39	-11	ENE	2	0	6	52	36	rlh	*	0.35	
	Paris ...	29.88	42	NNE	3	b	30.21	+73	36	33	-2	NE	5	0	*	44	35	*	*	-	
	Belfort...	29.63	37	Z	0	m	30.02	+52	33	32	0	ENE	5	0	*	44	31	*	*	0.12	
	Lyons ...	29.73	39	NNW	3	0	29.97	+39	36	34	-1	NNW	5	0	*	42	34	*	*	-	
Nice ...	29.44	41	NE	3	b	29.99	+49	41	36	-6	ENE	2	C	3	52	39	*	*	-		
Perpignan ...	29.59	48	NW	3	0	29.89	?	41	37	-4	NW	3	b	*	64	40	*	*	-		
SPAN. PEN.	Coruana ...	29.87	51	WSW	5	b	29.92	-19	47	39	-8	NE	5	b	*	57	45	*	*	-	
	Lisbon ...	30.44	60	NNE	4	b	30.42	-06	58	56	0	ENE	4	T	2	64	57	*	*	-	
	Azores (P. Delgada) (Horta)	30.49	59	ENE	3	0	30.51	+02	59	53	0	NE	4	0	*	63	54	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in *Chart* on next page.

FOR FRIDAY, 7TH DECEMBER, 1906.

BAROMETER—Isobars are drawn for each tenth of an inch

WIND.—Arrows show Directions and Force, flying with the wind.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 $\Rightarrow \longrightarrow$: Force 5 to 7 \longrightarrow :
Force 8 to 10 $\Rightarrow \longrightarrow$: Force 1 to 4 \longrightarrow : } Calm ☉

SEA—Rough High 

TEMPERATURE.—Isotherms are drawn for each 10°

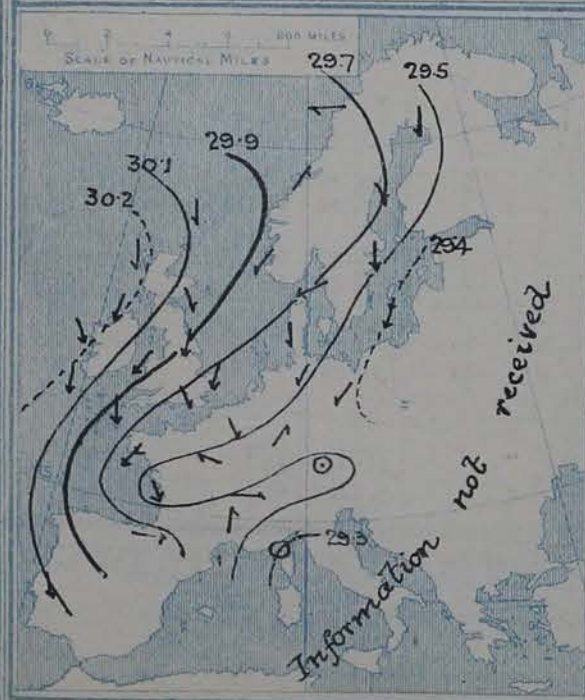
WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



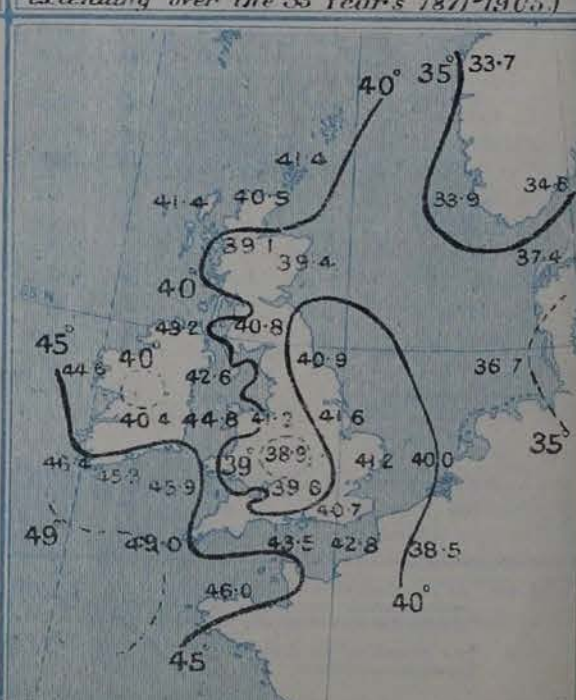
Yesterday morning.



Total Amount recorded
in various districts of the United Kingdom
in the 48 weeks ended Saturday, 1st Dec.,
with the percentage of the average amount
for the corresponding period.



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Pressure is now highest, 30.3 ins. to above 30.4 ins. in an anticyclone which has arrived from the north-westward and now extends from the Atlantic across Ireland and England to the Netherlands and Schleswig-Holstein. The lowest readings, 29.4 ins. and less, are found over the north-west of Norway, but pressure is still relatively low over the extreme south of France. A fall of the mercury is now in progress over Norway and our own northern and north-western districts; in all other parts of our area the barometer is rising.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has again become Westerly or South-Westerly over Scotland, the north of Ireland, and the greater part of Norway; it blows a gale at Christiansund and a strong breeze at Skudenass, but has little strength on our own coasts. To the southward of the maximum pressure, over Germany, France, and our southern districts, the wind comes from between North and North-East, and blows fresh or strongly at some stations in the west of France. With the Westerly current of air in the north of these Islands and over Norway temperature has risen very decidedly, while under the influence of the Northerly or North-Easterly current in the south it has fallen. The highest readings reported are 47° in the Shetlands and Hebrides and on the north-west coast of Ireland, whence the values decrease to 32° at Valencia (Ireland), to 30° over the English Midlands and at Brussels, and to 29° at Birt Castle. On the west coast of Norway the thermometer marks 44°, while in the north of Sweden the reading is as low as 1°. The weather is fair or fine in most parts of England, Ireland, and the nearer regions of the Continent, as well as in Sweden; in most other regions there is much cloud, with snow at Munich and Bodö, and rain at Christiansund. Slight fog prevails at some places in Central England. The sea is rather rough off the Shetlands, at Spurn Head, and Jersey, moderate to smooth elsewhere.

During yesterday the temperature remained below 45° in several parts of the United Kingdom, and frost occurred at night in many inland districts. At Oxford the thermometer on the grass fell to 23°. Slight showers of rain were experienced in various parts of this country and heavier falls at some Continental stations. Bright sunshine was very prevalent in the south-east, south, and south-west of England, as well as in several parts of Ireland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The central space of the anticyclone will move southwards or south-eastwards to the Continent during the ensuing 24 hours, while the low pressure from the northward extends over our northern and north-western districts. In the latter region the weather will become unsettled and the wind will probably increase from between South and West, but over the southern parts of the Kingdom the conditions are likely to continue fair, with the wind slowly returning to the Westward.

FORECASTS*

For the 24 hours ending at NOON on 8th December, 1906.

DISTRICTS.

FORECASTS.

- 0 SCOTLAND NORTH
- 1 SCOTLAND EAST
- 2 ENGLAND N.E.
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH

Wind increasing in force, from W. or S.W.; cloudy or overcast, some rain - most in north and north-west; rather mild.

Wind backing gradually to N.W. or W.; fair generally; temperature rising by to-morrow. Local fog or mist probable to-night.

DISTRICTS.

FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

Same as Nos. 0 to 2.

Same as Nos. 3 to 5.

S.W. to W. winds, increasing in force; showery, squally; rather mild.

Wind shifting to S.W. or W., with a rise of temperature and less fine weather.

WARNINGS

NONE ISSUED.

Note - The South Cone, point downwards (T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

7TH DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	45	37	c. b. c.	1.7	—	Eastbourne, to 6 p.m. ...	46	37	*	6.2	0.06
Southport, to 9 p.m. ...	47	37	c. b. c.	2.9	—	Bexhill-on-Sea, to 9 p.m. ...	47	39	b. r.	5.2	0.05
Rhyl, to 6 p.m. ...	47	42	?	3.0	0.06	Hastings ...	*	*	*	5.6	*
Llandudno, to 9 p.m. ...	47	41	b. c. p.	0.5	0.20	Folkestone, to 6 p.m. ...	46	33	b. c. l. p. o. r.	4.0	0.24
Bettws-y-Coed, to 6 p.m. ...	46	42	c. o.	1.6	0.50	Broadstairs, ...	*	*	*	*	*
Towyn, to 6 p.m. ...	47	42	p. b. c. b.	5.1	0.10	Margate, to 6 p.m. ...	48	35	r. h. f. b. r.	4.0	0.20
Aberystwyth, to 6 p.m. ...	49	?	c. o.	4.0	—	Lowestoft, to 6 p.m. ...	47	35	b. c. o. r. q. c.	5.0	0.07
Plymouth, to 9 p.m. ...	48	41	b. c. o.	3.6	0.06	Skegness ...	47	43	q. b. c. b.	2.6	0.01
Torquay, to 6 p.m. ...	48	41	*	4.3	0.04	Scarborough, to 6 p.m. ...	46	37	*	0.0	0.25
Bournemouth, to 6 p.m. ...	46	40	*	6.2	0.17	Harrogate, to 6 p.m. ...	43	38	b. c.	3.8	0.18
Bognor, ...	*	*	b. c.	6.4	*	Darwen, to 9 p.m. ...	*	*	*	*	*
Worthing ...	46	38	b. c. o. r.	6.4	0.06	Manchester, to 9 p.m. ...	45	38	b. c.	0.0	0.08
Brighton ...	45	38	*	5.4	0.05	Birmingham, to 9 p.m. ...	43	36	o	0.0	0.09

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

STATIONS. <i>6th Dec., 1906.</i>	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	Observations not received.				Algiers ... <i>6th Dec., 1906.</i>	Observations not received.			
Utrecht ...					Tunis ...				
Groningen ...					Madeira (Funchal) ...				
Vienna ...									
Florence ...					Geneva ... <i>5th Dec., 1906.</i>	45	*	1 p.m.	Measured 7 a.m.
Rome ...					Berne ...	43	*	+	0.08
Naples ...					Coire ...	43	*	+	0.20
Palermo ...					Castasegna ...	45	*	0	0.16
Brindisi ...					Lugano ...	52	*	b	—
Malta ...					Davos ...	34	*	0	0.49

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	<i>7th Dec., 1906.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	7.51	11.45	3.39
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	7.53	11.52	3.51
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	8.49	12.4	3.19
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.37	12.33	4.29
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Saturday,

Meteorological Office, London.

8th December,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.	At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.	Weather.	Sun- shine.	Rainfall.
SCANDINAVIA.	Haparanda...	29.05	23	NE	4	0	28.73	-.95	38	37	+37	W	2	bc	*	?	-6	*	*	Hours.	Ina.
	Hernösand...	29.38	32	Z	0	0	29.18	-.62	39	34	+18	Z	0	0	*	39	?	*	*	*	-
	Stockholm...	29.73	36	SW	2	0	29.49	-.55	42	40	+24	SW	8	0	*	42	12	*	*	*	-
	Wisby...	29.94	38	WSW	6	0	29.79	-.32	39	37	+8	W	9	0	*	39	27	*	*	*	-
	Karlstad...	29.74	39	SW	6	C	29.47	-.60	40	40	+29	WSW	8	0	*	40	34	*	*	*	-
	Färder (X'ania Fjord)	29.78	41	WSW	8	0	29.45	-.59	46	45	+12	WSW	9	m	*	46	34	*	*	*	-
	Bodö...	28.83	42	SW	8	T	28.54	-.81	37	36	+10	SW	9	0	6	43	23	*	*	*	-
	Christiansund...	29.21	50	WSW	7	0	29.06	-.56	37	35	-7	WSW	9	T	6	50	36	*	*	*	0.32
BRITISH ISLANDS.	Skudesnaes...	29.87	46	WSW	8	0	29.57	-.56	46	44	+3	W	6	0	5	46	41	T, 0	*	*	0.43
	Sumburgh Head	29.52	49	W	5	T	29.32	-.55	42	38	-5	W	7	0	6	50	40	T	*	*	0.08
	Stornoway...	29.78	49	W	4	0	29.61	-.45	41	39	-6	W	3	0	3	53	39	0	0.0	*	0.04
	Malin Head...	30.03	48	WSW	4	0pm	29.82	-.46	46	45	+1	WNW	5	cg	4	50	44	0, 0pm	*	*	0.06
	Blacksod Pt.	30.19	50	SW	5	0pm	30.03	-.35	47	46	0	SW	4	omdp	3	51	39	0, 0pm	*	*	0.15
	Valencia...	30.36	46	SSE	2	0	30.16	-.31	47	46	+15	WNW	3	om	4	52	31	0, 0	4.7	*	0.17
	Roche's Point...	30.39	41	SW	1	0	30.11	-.36	50	50	+13	WSW	3	mg	3	50	36	0	*	*	0.02
	Birr Castle...	30.31	43	SW	2	0	30.07	-.38	45	44	+16	SW	2	0	*	49	28	0, 0, T	4.7	*	0.04
GERMANY, &c.	Donaghadee...	30.23	43	SE	1	cm	29.92	-.46	45	44	+9	WSW	3	bc	3	47	36	0, 0, cm, p	*	*	0.02
	Liverpool Obsy...	30.32	41	SW	2	bc	29.98	-.44	46	46	+9	SW	4	0	3	47	37	0, cm	*	*	0.04
	Holyhead...	30.30	46	SW	1	om	30.00	-.40	48	47	+8	WSW	4	T	3	48	39	0, 0, cm	*	*	0.11
	Pembroke (St. Ann's Hd.)	30.38	44	SSE	2	0	30.10	-.33	47	46	+9	WSW	5	ou	4	48	37	0, 0	6.2	*	-
	Scilly (St. Mary's)	30.39	45	NE	1	bc	30.24	-.16	46	42	-2	WSW	2	C	3	49	44	0, 0	6.3	*	-
	Jersey (St. Aubins)	30.36	41	E	4	0	30.28	-.02	34	32	-10	WSW	3	bc	3	45	32	0, cm	3.7	*	0.01
	Portland Bill...	30.37	40	NNE	3	0	30.18	-.18	45	43	+7	W	4	0	3	46	37	0	*	*	-
	Dungeness...	30.35	39	NE	1	0	30.20	-.10	33	32	-9	W	3	C	2	43	27	0, 0	5.3	*	-
FRANCE.	Wick...	29.73	52	W	4	bc	29.53	-.48	40	38	-6	WNW	4	bc	2	55	38	-	*	*	0.05
	Nairn...	29.81	51	WSW	3	bc	29.62	-.49	42	40	-2	WSW	3	bc	2	52	40	-	0.0	*	0.01
	Aberdeen...	29.91	45	SSW	3	bc	29.65	-.51	45	42	+3	WSW	2	0	2	50	42	0, 0, cm	0.4	*	-
	Leith...	30.04	47	SW	4	C	29.74	-.50	46	43	+3	W	4	C	*	49	42	-	*	*	0.01
	North Shields...	30.16	46	SSW	3	0	29.62	-.51	48	46	+9	SW	3	0	2	48	36	0	*	*	-
	Spurn Head...	30.27	40	SW	3	0	29.95	-.42	41	39	+2	SW	4	cg	3	42	38	0, cm	*	*	-
	Yarmouth...	30.33	40	Z	0	bc	30.06	-.27	37	34	-4	WSW	4	cm	3	43	33	0, 0	*	*	-
	Clacton-on-Sea...	30.36	37	WNW	1	0	30.15	-.21	38	36	+2	W	4	C	3	43	33	0, 0	4.2	*	-
SPAN. PEN.	Nottingham...	30.33	36	W	1	0	30.03	-.38	40	38	+10	SW	2	cm	*	41	30	0, 0, cm	0.0	*	-
	Bath...	30.40	32	NNE	5	0	30.16	-.26	39	36	+7	SSW	2	m	*	42	27	-	6.3	*	-
	Oxford...	30.39	34	WNW	1	0	30.14	-.30	38	35	+8	S	1	0	*	43	30	0	*	*	-
	London (St. James' Park)	30.37	39	Z	0	0	30.13	-.23	37	36	-2	W	1	C	*	42	29	0, 0, 0, 0	0.5	*	-
	The Scaw (Skagen)	29.97	44	W	7	0	29.69	-.46	42	42	+2	WSW	5	T	1	45	32	-	*	*	0.20
	Fanö...	30.19	41	SW	6	C	29.96	-.37	44	42	+19	SW	6	0	*	44	28	-	*	*	-
	Cuxhaven...	30.39	31	SW	1	0	30.13	-.22	30	28	-2	SSW	2	0	*	36	28	-	*	*	-
	The Helder...	30.38	29	SW	1	0	30.13	-.25	43	39	+4	SW	3	bc	2	43	28	-	*	*	-
GERMANY, &c.	Brussels...	30.42	32	Z	0	0	30.29	-.02	25	25	-5	SSW	1	f	*	35	25	-	*	*	-
	Berlin...	30.42	32	Z	0	0	30.29	+.04	26	25	-7	SW	2	0	*	37	25	-	*	*	-
	Frankfurt...	30.39	31	NE	3	0	30.32	+.20	27	26	-9	ESE	2	0	*	39	27	-	*	*	-
	Munich...	30.34	33	NE	4	C	30.34	+.25	29	29	-3	SE	4	0	*	34	28	-	*	*	-
	C. Gris Nez...	30.38	32	ENE	2	0	30.22	-.13	35	34	+2	S	3	m	3	39	30	-	*	*	-
	Brest...	30.32	42	NE	3	bc	30.28	00	39	37	-5	SE	1	0	2	48	36	-	*	*	-
	Lorient...	30.29	43	NE	5	C	30.26	00	37	36	-4	ENE	2	0	2	48	34	-	*	*	-
	Rochefort...	30.23	39	NE	5	0	30.25	+.17	33	33	-5	ENE	4	0	*	48	32	0	*	*	-
FRANCE.	Biarritz...	30.12	42	Z	0	C	30.18	+.13	33	33	-6	E	3	0	3	45	32	-	*	*	-
	Paris...	30.34	36	NE	2	0	30.29	+.08	26	26	-10	NNE	1	f	*	40	25	-	*	*	-
	Belfort...	30.21	35	ENE	6	0	30.23	+.21	25	24	-8	ENE	3	m	*	38	25	-	*	*	-
	Lyons...	30.20	35	NNW	2	0	30.31	+.34	29	29	-7	W	1	0	*	39	28	-	*	*	0.12
	Nice...	30.01	45	ESE	3	0	30.14	+.35	47	38	+6	Z	0	0	5	52	41	-	*	*	-
	Perpignan...	30.07	44	NW	2	0	30.16	+.27	43	40	+2	NW	1	0	*	49	41	-	*	*	-
	Corunna...	29.86	47	NNW	6	0	29.84	-.08	45	40	-2	NE	5	0	*	54	41	-	*	*	-
	Lisbon...	30.40	59	NE	3	2	30.36	-.06	58	54	0	NE	4	T	*	63	57	-	*	*	-
SPAN. PEN.	Azores (P. Delgada)...	30.48	53	NE	4	0	30.43	-.08	57	56	-2	NE	4	T	2	61	57	-	*	*	0.04
	„ (Horta)...																				

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +.03 in., but for Sumburgh Head +.04 in.; for stations South of Malin Head and North Shields +.02 in., but for Scilly and Jersey +.01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

FOR SATURDAY, 8TH DECEMBER, 1906.

SEA — Rough High 

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

[illegible]

GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning the centre of a very extensive and deep cyclonic disturbance has arrived to the northward of Scandinavia from a Westerly direction, while the anticyclone that then lay over our Islands and the nearer regions of the Continent has become transferred to Germany. The highest reading reported is 30.34 ins. at Munich, whence the values decrease to 29.32 ins. at Sunbury Head, to 28.54 ins. at Bodö, and to apparently a considerably lower level further north. Gradients are steep over the whole of the Scandinavian region, rather steep between the Shetlands and Scotland, moderate over this country generally.

WIND

The wind has veered to the Westward in all parts of the United Kingdom and its neighbourhood. Over Scandinavia it blows a strong gale from that point or from South-West, and a high wind is also reported from the Shetlands. Over this country generally, however, it is light or moderate.

TEMPERATURE

Temperature has risen in most parts of Ireland, England, and the east of Scotland, as well as over Northern Europe. At Haparanda the change during the 24 hours is 37°, at Harstad 29°, and at Birr Castle 16°. The readings now range from 50° at Hook Point and 48° at North Shields to 33° at Dungeness, 26° at Paris and Berlin, and to 25° at Belfort and Brussels. In the extreme north of Scandinavia the readings are not much below 40°.

WEATHER

The weather is fine and bright over the greater portion of France, Germany, and the Low Countries; fog is, however, reported both at Paris and Brussels. Over North-Western Europe generally there is much cloud, while rain is falling at Blackhead Point and Holyhead, and also at Christiansund and Skagen, and mist prevails in several places.

AND

SEA

The sea is rough off the Shetlands and along the west coast of Norway, moderate to smooth elsewhere. The maximum temperatures recorded yesterday were very little above 40° over England, but in some parts of Scotland the thermometer rose to 50°, and at Wick to 55°. Rain had fallen in the north and west of our Islands, as well as at some stations in Scandinavia. Bright sunshine was very abundant for the time of year in many parts of England and Ireland; at Bournemouth there were 7 hours. At Nottingham, where mist prevailed, the sunshine record was nil, and in Scotland the day was dull.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance over Scandinavia will probably pass away to the eastward without exercising much direct influence over the weather of these Islands. The general distribution of pressure, however, favours the advance of other low pressure systems from the westward or north-westward, so that winds mainly from the Westward, and rather mild, unsettled weather are still likely.

FORECASTS*

For the 24 hours ending at NOON on 9th December, 1906.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Wind chiefly W ^{ly} , varying in force; cloudy or dull, some rain - most in north; moderate temperature.
1	SCOTLAND EAST	
2	ENGLAND N.E.	W ^{ly} winds, moderate generally, fresh in places; mostly cloudy or overcast, some slight showers; temperature rising somewhat.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos. 0 to 2.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Wind mainly W ^{ly} , moderate or fresh; cloudy or overcast, some rain; rather mild.
9	IRELAND NORTH	
10	IRELAND SOUTH	Same as Nos. 0 to 2.
	WARNINGS	At 7.15 p.m. yesterday to Districts 0, 1, 6, and part of 9, "HOIST SOUTH CONE."

Note. The South Cone, point downwards (T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W and N.W. is likely to veer towards N or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

8th DECEMBER, 1906.

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.			
Blackpool, to 9 p.m. ...	46	30	cm.c.o.c.	1.5	-	Eastbourne, to 6 p.m. ...	43	36	*	3.6	0.04
Southport, to 9 p.m. ...	44	30	c. o	1.5	-	Bexhill-on-Sea, to 9 p.m. ...	44	36	bv. v	3.5	0.10
Rhyl, to 6 p.m. ...	50	31	b. c	1.3	-	Hastings ...	*	*	*	3.8	*
Llandudno, to 9 p.m. ...	45	35	bc	1.6	-	Folkestone, to 6 p.m. ...	43	32	bc. b	6.3	0.15
Bettws-y-Coed, to 6 p.m. ...	43	30	bc. b	3.4	-	Broadstairs, ...	*	*	*	*	*
Towyn, to 6 p.m. ...	45	29	b. bc	5.0	-	Margate, to 6 p.m. ...	43	40	b	4.9	0.11
Aberystwyth, to 6 p.m. ...	47	32	f. c	6.5	-	Lowestoft, to 6 p.m. ...	46	35	c. b, tq. h. b	5.0	0.03
Plymouth, to 9 p.m. ...						Skegness ...	47	34	bc. b	3.8	-
Torquay, to 6 p.m. ...	45	36	*	6.3	-	Scarborough, to 6 p.m. ...	45	36	*	0.2	-
Bournemouth, to 6 p.m. ...	44	33	*	7.0	-	Harrogate, to 6 p.m. ...	40	34	bc	1.6	-
Bognor, ...	*	*	b	5.1	*	Darwen, to 9 p.m. ...	41	31	bc, on	2.0	-
Worthing ...	44	35	b. c	6.2	-	Manchester, to 9 p.m. ...	40	31	bc	0.0	-
Brighton ...	43	34	*	4.1	0.01	Birmingham, to 9 p.m. ...	40	32	f. o	0.0	-

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

STATIONS 7 th Dec. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 7 th Dec. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	23	14	o. s	0.04	Algiers ...	64	48	c. +	0.32
Utrecht ...	45	28	o. b	0.04	Tunis ...	63	45	b. o	-
Groningen ...	41	30	o. b	-	Madeira (Funchal) ...	not recd.			
Vienna ...	41	34	s. o	0.39	Geneva ...	39	*	bc	Measured 7 p.m.
Florence ...	52	36	b. b	0.83	Berne ...	37	*	o	0.43
Rome ...	57	43	c. o	0.20	Coire ...	36	*	o	0.20
Naples ...	59	51	+ bc	0.71	Castasegna ...	39	*	o	-
Palermo ...	64	47	b. f	-	Lugano ...	48	*	o	-
Brindisi ...	63	40	o. b	-	Davos ...	25	*	s	0.43
Malta ...	64	57	c	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	8 th Dec. 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	7.52	11.45	3.38
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	7.54	11.52	3.50
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	8.50	12.4	3.18
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.38	12.33	4.28
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Sunday,

Meteorological Office, London.

9th December,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
				At 32° Fahr. and M.S.L.	Dry Bulb.		Force (0 to 12.)	At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.		Force (0 to 12.)	Max.				Min.	
SCANDINAVIA.	Haparanda...	28.66	33	SW	8	b	28.73	Ins.	21	21	-17	SW	2	bc	38	?	*	*	-		
	Hernösand ...	28.97	33	Z	0	o	28.79	-39	23	23	-16	Z	0	bc	41	?	*	*	-		
	Stockholm ...	29.25	40	SW	6	r	28.93	-56	36	35	-6	SW	4	o	43	36	*	*	-		
	Wishby...	29.47	39	SW	8	r	29.05	-74	36	35	-3	WSW	6	r	45	36	*	*	0.35		
	Karlstad ...	29.16	41	SW	6	o	28.92	-55	35	34	-9	SW	2	c	44	34	*	*	-		
	Færder (Xjama Fjord)	29.13	44	SW	8	o	28.95	-50	38	34	-8	W	6	b	47	37	*	*	-		
	Bodo ...	28.50	34	SW	8	o	28.54	00	30	28	-7	S	2	o	37	25	*	*	-		
	Christiansund ...	28.84	34	W	6	s	28.75	-31	35	32	-2	WSW	8	s	37	30	*	*	0.67		
Skudesnaes ...	29.21	41	W	8	o	29.12	-45	32	32	-14	NNW	7	s	46	32	o	*	-			
BRITISH ISLANDS.	Sumburgh Head	29.13	38	W	6	o	29.34	+02	32	32	-10	NW	5	o	6	42	30	c.o	*	0.06	
	Stornoway ...	29.44	39	NW	4	o	29.72	+11	33	33	-8	NW	6	o	6	42	32	rsq. o	1.2	0.15	
	Malin Head ...	29.64	44	NW	7	cq	29.75	-07	40	39	-6	N	8	crh	6	46	37	c.cq	*	0.26	
	Blacksod Pt. ...	29.96	45	WSW	6	oqpm	30.01	-02	44	43	-3	N	4	om	3	47	42	cqpm, l	*	0.14	
	Valencia ...	30.08	48	NW	5	bc	30.05	-11	48	45	+1	NW	5	bc	6	49	46	cp, bc	1.1	0.03	
	Roche's Point ...	30.03	46	WNW	4	cp	29.91	-20	46	44	-4	NW	7	bc	4	50	44	bc, cp	*	0.02	
	Birr Castle ...	29.96	44	W	3	c	29.93	-14	41	38	-4	NNW	3	c	48	37	c	2.0	0.02		
	Donaghadee ...	29.76	43	W	5	c	29.78	-14	39	37	-6	NNW	5	cq	5	47	38	bcqhp	*	0.17	
	Liverpool Obsy...	29.79	47	W	6	c	29.66	-32	40	35	-6	NW	6	c	5	48	36	c, rhq	*	0.21	
	Holyhead ...	29.83	46	W	7	cq	29.71	-29	43	40	-5	N	8	c	6	48	39	c.cq	*	0.19	
	Pembroke (St. Ann's Hd.)	29.95	48	NW	5	bc	29.84	-26	43	40	-4	NNW	5	chp	5	53	43	opm, bc	0.8	0.08	
	Scilly (St. Mary's)	30.04	48	NW	4	o	29.95	-29	47	44	+1	NW	6	cq	4	50	45	r, o	0.0	0.13	
	Jersey (St. Aubins)	30.06	44	WSW	3	og	29.81	-47	46	43	+12	WNW	6	o	5	49	34	c, og, r	1.5	0.09	
	Portland Bill ...	29.92	48	WSW	7	og	29.73	-45	44	43	-1	NW	8	bcq	6	49	42	r, og	*	0.14	
	Dungeness ...	29.87	46	WSW	5	r	29.58	-62	39	37	+6	WNW	4	bc	4	46	32	r	0.0	0.20	
	Wick ...	29.38	35	NW	6	c	29.49	-04	33	32	-7	N	4	ou	4	41	33	c, s	*	0.15	
Nairn ...	29.45	35	W	1	c	29.64	+02	33	32	-9	W	3	c	2	44	30	c, rs	1.6	0.17		
Aberdeen ...	29.45	38	WSW	4	bc	29.54	-11	32	31	-13	WNW	5	bc	2	45	31	cp, bcsp	0.5	0.11		
Leith ...	29.54	40	W	3	bc	29.67	-07	35	31	-11	WNW	3	b	*	46	31	-	*	-		
North Shields ...	29.63	41	SW	3	c	29.56	-26	35	32	-13	N	4	bc	2	49	31	c, sp	*	-		
Spurn Head ...	29.68	45	WSW	4	b	29.50	-45	37	35	-4	NW	5	br	4	46	37	qpi, b	*	0.03		
GERMANY, &c.	Varmouth ...	29.77	42	WSW	4	og	29.47	-59	36	34	-1	NW	4	bc	3	42	35	od, og	*	0.02	
	Clacton-on-Sea ...	29.85	42	SW	5	o	29.56	-59	36	35	-2	WNW	4	b	3	44	34	c, or, s, b	0.0	0.13	
	Nottingham ...	29.77	45	W	2	o	29.60	-43	38	35	-2	WNW	2	bcm	*	47	35	om, o	0.0	0.17	
	Bath ...	29.91	45	WSW	2	r	29.73	-43	39	36	-1	NW	2	b	*	46	37	-	0.0	0.18	
	Oxford ...	29.83	43	W	2	b	29.68	-46	36	34	-2	WNW	5	cq	*	44	35	op, b	*	0.11	
	London (St. James' Park)	29.87	44	WSW	3	o	29.60	-53	38	37	+1	NW	3	b	*	45	37	or, op, c	0.0	0.12	
	The Scaw (Skagen)	29.27	42	W	4	r	29.02	-67	39	35	-3	WNW	4	c	1	46	37	*	*	0.24	
FRANCE.	Fanö ...	29.41	42	SW	6	r	29.20	-76	38	37	-6	WNW	4	c	*	45	36	*	*	0.35	
	Cuxhaven ...	29.75	35	SSW	5	o	29.27	-86	37	36	+7	W	2	o	*	37	32	o, r	2	0.39	
	The Helder ...	29.73	46	WSW	5	r	29.39	-74	39	38	-4	NNW	7	r	6	46	39	*	*	0.12	
	Brussels ...	*	*	*	*	*	29.52	-77	39	38	+14	WSW	5	r	*	39	24	*	*	0.20	
	Berlin ...	29.96	31	SW	4	b	29.45	-84	33	32	+7	WSW	4	o	*	34	25	*	*	0.04	
	Frankfurt ...	30.01	30	SW	3	o	29.58	-74	33	32	+6	SW	5	s	*	34	27	*	*	0.08	
	Munich ...	30.13	31	SW	2	c	29.78	-56	35	32	+6	SW	2	b	*	36	28	*	*	-	
	C. Gris Nez ...	30.11	46	W	4	o	29.94	-34	50	46	+11	NW	6	c	4	?	46	*	*	-	
	Brest ...	30.15	42	Z	0	o	?	?	50	48	+13	NW	4	o	4	50	37	*	*	-	
	Lorient ...	30.16	35	ENE	2	m	30.00	-25	39	39	+6	ESE	2	o	*	?	?	*	*	-	
Roche fort ...	30.08	39	NE	2	m	30.06	-12	44	42	+11	ENE	1	o	2	44	33	*	*	-		
SPAN. PEN.	Paris ...	30.12	33	SSW	2	o	29.75	-54	37	37	+11	SSW	3	r	*	?	?	*	*	-	
	Belfort...	30.12	33	W	2	m	29.77	-46	31	30	+6	W	6	o	*	39	25	*	*	-	
	Lyons ...	30.10	32	N	1	f	30.01	-30	25	25	-4	W	1	bc	*	32	23	*	*	-	
	Nice ...	30.06	49	E	2	c	29.81	-33	48	43	+4	ENE	1	r	4	54	43	*	*	-	
	Perpignan ...	30.06	43	W	2	r	29.90	-26	44	43	+1	W	2	r	*	46	42	*	*	1.54	
	Corunna ...	29.88	50	NNE	4	o	30.07	+23	45	40	-3	NNW	2	b	*	52	43	*	*	-	
Lisbon ...	30.41	57	NNE	4	b	30.46	+10	55	53	-3	NNE	2	c	3	61	55	*	*	0.04		
" (Horta) ...	30.45	56	NW	2	b	30.47	+04	57	53	-3	NW	1	o	2	63	54	*	*	-		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.3 in., but for Sumburgh Head +0.4 in.; for stations South of Malin Head and North Shields +0.2 in., but for Scilly and Jersey +0.1 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR SUNDAY, 9TH DECEMBER, 1906.

I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10

Force 5 to 7

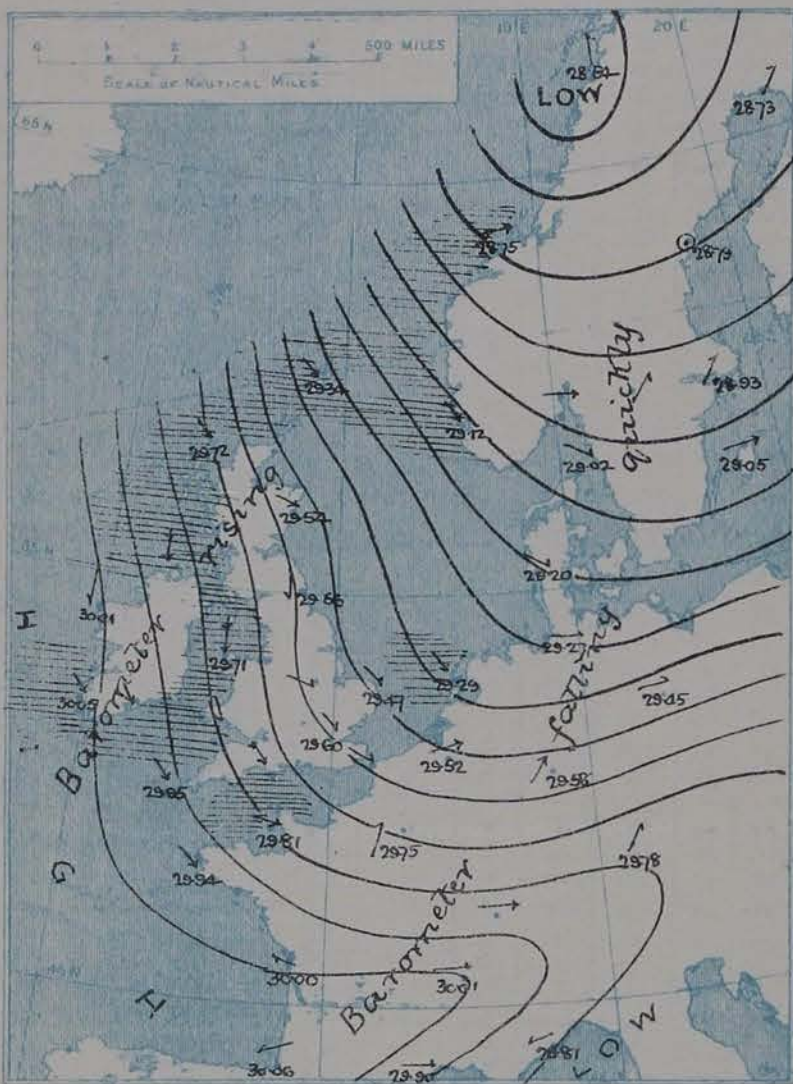
Force 8 to 10

Force 1 to 4

Calm

SEA.—Rough

High

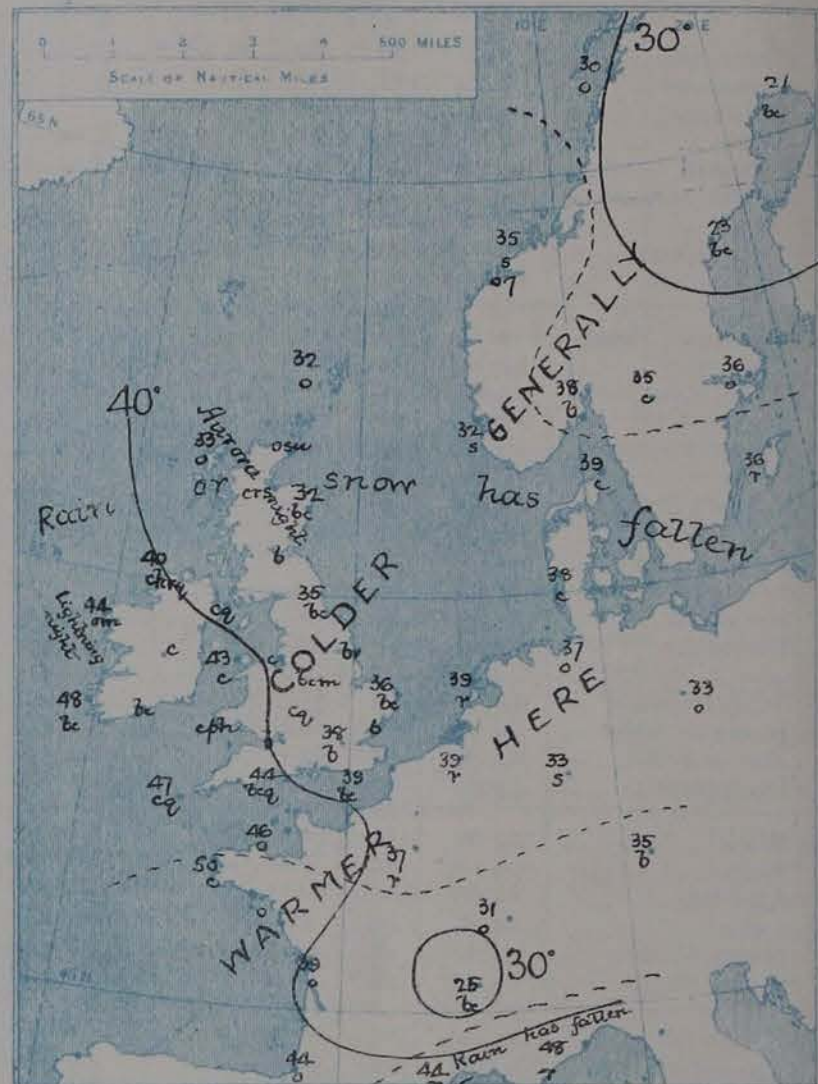


II. TEMPERATURE AND WEATHER. This Morning

TEMPERATURE.—Isotherms are drawn for each 10°

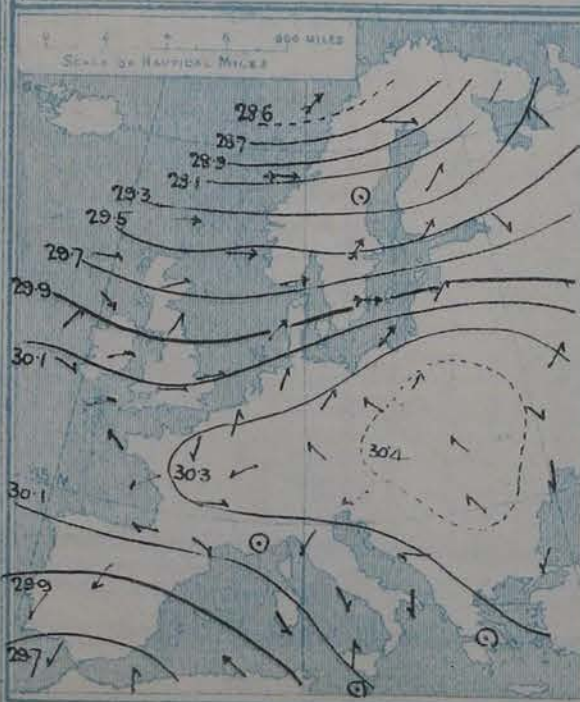
WEATHER.—Shown by Letters of the Beaufort Scale (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the 18 weeks ended 1ST DECEMBER with the percentage of the average for the corresponding period.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period DECEMBER.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The centre of a very deep cyclonic system is found this morning on the Norwegian coast, the barometer reading 28.54 in. at Bodø, and below 29 in. over nearly the whole of Scandinavia. Hence the values increase to above 30 in. in the west of Ireland and at various stations in Southwestern Europe, 30.14 in. at Oporto. The gradient is moderate to rather steep in most regions.

WIND

TEMPERATURE

WEATHER

AND

SEA

An extensive cyclonic wind circulation is shown, Northerly or Northwesterly over these Islands, the North Sea and northwestern France, Westerly or Southwesterly in eastern France, Germany and Sweden. Strong winds to fresh gales are reported at many home and foreign stations. Temperature has risen over France and Germany, fallen elsewhere, the changes in many instances being very decided. In the British Isles the values range from 32° or 33° over northern Scotland, and 35° at Leith and Shields to 47° at Scilly and 48° at Valencia; in Scandinavia from 21° at Haparanda and 23° at Hemö and to 38° at Faeröer; and in Western Europe from 25° at Lyons and 30° at Frankfurt to 48° at Nice and 50° at Brest and Lorient. The weather is fine and clear at a few stations but generally it is cloudy and unsettled, with rain in many parts of France, the Low Countries and on the Baltic, hail showed in our western districts, sleet showed in Scotland and snow on the Norwegian coast. A rough or rather rough sea is running in most parts of the northern, western and northern coasts, and in the lower part of the North Sea, elsewhere it is moderate to smooth.

During yesterday temperature rose to 53° at Pembroke, 52° at Plymouth and 50° at Roche's Point and Scilly, but remained below 45° at some northern and eastern stations. Rain, sleet or snow fell generally but no large amounts are reported. Birr Castle had 2 hours of bright sunshine, but as a rule the records were none at all or less than an hour. An auroral display was witnessed in the north of Scotland last night.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 10th DECEMBER, 1906.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- 0 $\overline{\uparrow}$ SCOTLAND NORTH
- 1 $\overline{\uparrow}$ SCOTLAND EAST
- 2 $\overline{\uparrow}$ ENGLAND N.E.
- 3 $\overline{\uparrow}$ ENGLAND EAST
- 4 $\overline{\uparrow}$ MIDLAND COUNTIES
- 6 $\overline{\uparrow}$ ENGLAND SOUTH

None issued.

- 6 $\overline{\uparrow}$ SCOTLAND WEST
- 7 $\overline{\uparrow}$ ENGLAND N.W.
- 8 $\overline{\uparrow}$ ENGLAND S.W.
- 9 $\overline{\uparrow}$ IRELAND NORTH
- 10 $\overline{\uparrow}$ IRELAND SOUTH

None issued.

WARNINGS.

At 7.10 pm. yesterday to Districts 0, 6, 7, 9, 10 and part of 8, "HOIST NORTH CONE," and to District 5 and the remainder of 8, "HOIST SOUTH CONE."

Note.—The South Cone, point downwards ($\overline{\uparrow}$), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards ($\overline{\uparrow}$), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

9th December, 1906

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.			
Blackpool, to 9 p.m. ...	48	44	o.r.c	0.2	0.11	Eastbourne, to 6 p.m. ...			*		
Southport, to 9 p.m. ...	48	42	o, o.r, c.	0.2	0.15	Bexhill-on-Sea, to 9 p.m. ...					
Rhyl, to 6 p.m. ...						Hastings ...	*	*	*	1.1	*
Llandudno, to 9 p.m. ...	47	42	b.c, fog m.	0.2	0.06	Folkestone, to 6 p.m. ...	44	28	b.c, b, o.d	0.9	0.02
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	49	44	t, o.c, o	0.5	0.35	Margate, to 6 p.m. ...	45	30	o.r	0.3	0.02
Aberystwyth, to 6 p.m. ...	46	32	t, o, c	1.0	0.10	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	52	32	o.r, b.c	0.0	0.12	Skegness ...	44	36	t, c	0.0	0.04
Torquay, to 6 p.m. ...			*			Scarborough, to 6 p.m. ...			*		
Bournemouth, to 6 p.m. ...	46	28	*	0.0	0.05	Harrogate, to 6 p.m. ...	47	41	d, o, b.c	0.2	0.02
Bognor, ...	*	*	?	0.0	*	Darwen, to 9 p.m. ...					
Worthing ...	45	28	o, c, r	0.0	0.03	Manchester, to 9 p.m. ...	47	37	o.r, b.c	0.0	0.12
Brighton ...			*			Birmingham, to 9 p.m. ...	44	35	o.r, b	0.0	0.05

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

STATIONS 8 th December 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 8 th December 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	30	5	o, s	-	Algiers ...	63	52	o, b.c	0.08
Utrecht ...	37	25	b, f	-	Tunis ...	66	45	b, b.c	-
Groningen ...	37	25	b, b	-	Madeira (Funchal) ...	63	46	t, r	0.16
Vienna ...	36	23	b, b	0.24	Geneva ...	39	*	b.c	Measured 7 a.m.
Florence ...	50	45	t, o	0.04	Berne ...	36	*	o	-
Rome ...	11	46	o, b	0.16	Coire ...	34	*	b.c	-
Naples ...	62	52	o, b	-	Castasegna ...	37	*	b.c	-
Palermo ...	69	46	b, f	-	Lugano ...	43	*	o	-
Brindisi ...	63	49	o, o	-	Davos ...	19	*	b	0.04
Malta ...	67	58	m	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard Time.	Corresponding Greenwich Times.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.*
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
{ Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

9 th Dec. 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	7.53	11.45	3.38
Greenwich ...	7.55	11.52	3.50
Wick ...	8.52	12.4	3.17
Valencia ...	8.39	12.33	4.28

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Monday.

Meteorological Office, London.

10th December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.	
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)			Max.	Min.				
SCANDINAVIA.	Haparanda...	28.83	15	N	2	bc	29.06	+33	16	15	-5	N	2	b	3	34	12				
	Hernösand...	28.78	11	Z	0	b	29.13	+34	19	19	-4	W	2	b	3	34	11				
	Stockholm...	28.90	29	WSW	2	b	28.98	+05	28	28	-8	SW	2	o	3	39	28				
	Wisby...	28.98	37	W	6	bc	29.04	-01	35	33	-1	SSW	2	b	3	41	35			0.04	
	Karlstad...	28.92	29	W	2	b	29.11	+16	29	26	-6	NW	4	b	3	38	36				
	Færder (X'ania Fjord)	28.99	36	W	2	o	29.18	+23	38	35	0	NNW	6	c	2	38	36				
	Bodö...	28.88	22	E	2	b	29.11	+57	20	18	-10	E	4	b	2	30	19				
	Christiansund...	28.97	38	NW	6	S	29.35	+60	37	33	+2	N	8	o	7	38	32			0.32	
Skudesnaes...	29.26	34	NNW	6	S	29.40	+28	37	35	+5	NNW	9	o	5	37	30	c. S				
BRITISH ISLANDS.	Sumburgh Head	29.54	30	N	6	S	29.74	+40	31	29	-1	N	3	c	5	35	29	S		0.03	
	Stornoway...	29.89	34	NW	4	o	30.06	+34	34	34	+1	Z	0	o	2	35	32	o	0.0	0.06	
	Malin Head...	29.90	40	N	7	c	29.97	+22	40	39	0	NNW	5	c	4	41	35	bc. c		0.11	
	Blacksod Pt. ...	30.05	44	NW	3	rm	30.03	+02	42	40	-2	N	2	cm	2	46	41	o, rm		0.06	
	Valencia...	30.09	47	NNW	4	og	30.05	00	44	43	-4	NNW	1	o	4	49	44	og	1.2	0.06	
	Roche's Point...	30.06	44	NNW	2	o	30.05	+14	42	41	-4	NNW	2	o	1	46	42	b, c, o			
	Birr Castle...	30.02	40	W	2	c	30.04	+11	29	28	-12	Z	0	b	3	43	27	cp	1.3	0.01	
	Donaghadee...	29.89	37	NW	5	c	29.95	+17	40	38	+1	NNE	4	chg	4	40	37	bc, hp		0.11	
	Liverpool Obsy...	29.80	40	NNW	4	b	29.94	+28	34	30	-6	N	3	bc	3	45	35	b			
	Holyhead...	29.87	42	NNW	7	chg	29.94	+23	39	37	-4	N	5	c	4	43	36	c, chg		0.52	
	Pembroke (St. Ann's Hd.)	29.91	42	NNW	6	bc	29.98	+14	38	38	-5	NE	3	cp	3	45	37	bc, c	3.3		
	Scilly (St. Mary's)	30.01	45	N	5	og	30.01	+06	45	43	-2	N	5	cp	3	47	44	o, og	1.3	0.04	
	Jersey (St. Aubins)	29.85	42	WNW	5	c	29.96	+15	42	37	-4	NNW	4	bc	3	49	41	c, hp	3.0	0.03	
	Portland Bill...	29.84	41	NW	5	b	29.93	+20	35	32	-9	N	3	b	3	45	34	b			
	Dungeness...	29.70	34	NNW	2	b	29.80	+22	30	29	-9	NW	3	b	2	41	29	bc, b	2.7	0.01	
	Wick...	29.74	34	N	4	o	29.83	+34	32	30	-1	N	3	ou	3	38	28	-			
Nairn...	29.82	33	WNW	4	o	29.91	+27	34	33	+1	WNW	4	o	3	36	31	-	0.0	0.01		
Aberdeen...	29.71	32	NW	5	b	29.85	+31	34	32	+2	NW	3	c	3	36	30	bc, sp	1.5	0.11		
Leith...	29.78	37	NW	3	bc	29.90	+23	35	30	0	NW	4	bc	4	39	34	-				
North Shields...	29.73	35	NW	3	csp	29.85	+29	34	31	-1	NW	3	chg	4	38	30	csp				
Spurn Head...	29.66	37	NW	6	osq	29.77	+27	32	31	-5	NNW	6	sq	5	39	31	osq		0.02		
Yarmouth...	29.60	34	NW	4	S	29.71	+24	34	33	-2	NW	4	osp	4	36	32	o, S		1.17		
Clacton-on-Sea...	29.67	34	NW	5	b	29.78	+22	31	30	-5	NW	4	b	2	39	31	bc, b, l	6.4			
Nottingham...	29.75	35	NW	1	b	29.87	+27	31	30	-7	NW	2	bm	3	38	31	bm, b	4.5			
Bath...	29.85	37	NNW	2	b	29.96	+23	32	29	-6	NW	2	m	3	42	31	-	2.8			
Oxford...	29.82	33	W	1	b	29.92	+24	30	27	-6	NW	1	b	3	39	29	sp, b		0.02		
London (St. James' Park)	29.75	36	NW	3	b	29.86	+26	31	29	-7	NNW	3	bm	3	40	30	bc, b	1.9			
GERMANY, & C.	The Scaw (Skagen)	29.07	37	NW	3	b	29.18	+16	42	37	+3	NE	3	b	1	41	36				
	Fanö...	29.24	35	NW	2	b	29.32	+12	38	36	0	NW	6	bc	3	39	32			0.16	
	Cuxhaven...	29.30	37	NW	4	o	29.38	+11	37	36	0	NW	3	cs	3	37	34			0.08	
	The Helder...	29.48	41	N	5	r	29.57	+18	40	37	+1	N	4	bc	3	43	37			0.04	
	Brussels...	29.30	35	W	2	o	29.35	-10	33	32	0	W	3	o	3	35	30			0.20	
	Berlin...	29.49	36	SW	3	o	29.52	-06	34	32	+1	W	3	o	3	36	30			0.08	
	Munich...	29.48	33	W	5	o	29.56	-22	28	28	-7	NW	4	o	3	39	28				
FRANCE.	C. Gris Nez...	29.69	39	NW	6	b	29.75	-	35	33	-	NNW	5	bc	5	43	34				
	Brest...	29.93	48	NW	6	c	29.99	+05	46	42	-4	NNW	4	o	3	50	43			0.08	
	Lorient...	29.89	48	NNW	4	o	29.98	-	43	41	-7	N	4	o	4	50	41				
	Rochefort...	29.86	46	NW	7	o	29.92	-08	40	39	+1	N	3	o	4	50	39	r. o		0.04	
	Biarritz...	29.99	55	WSW	5	o	29.98	-08	51	48	+7	NNW	5	o	4	55	45			0.12	
	Paris...	29.69	35	NW	3	o	29.79	+04	34	32	-3	NW	3	bc	3	45	34			0.08	
	Belfort...	29.54	31	W	6	S	29.62	-15	28	27	-3	W	4	c	3	35	28			0.28	
	Lyons...	29.68	37	W	1	r	29.71	-30	31	29	+6	N	2	r	3	42	25			0.08	
	Nice...	29.35	47	SW	5	c	29.20	-61	40	31	-8	NW	5	c	5	50	39			0.12	
Perpignan...	29.78	50	NW	3	o	29.75	-15	37	37	-7	NW	5	o	3	51	37			0.39		
SPAN. PEN.	Corunna...	30.16	50	N	5	b	30.18	+11	53	49	+8	N	5	b	3	55	45				
	Lisbon...	30.53	58	WNW	2	o	30.49	+02	57	55	0	W	2	o	1	64	57				
	Azores (P. Delgada)...	30.53	58	WNW	2	o	30.49	+02	57	55	0	W	2	o	1	64	57				

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR MONDAY, 10TH DECEMBER, 1906.

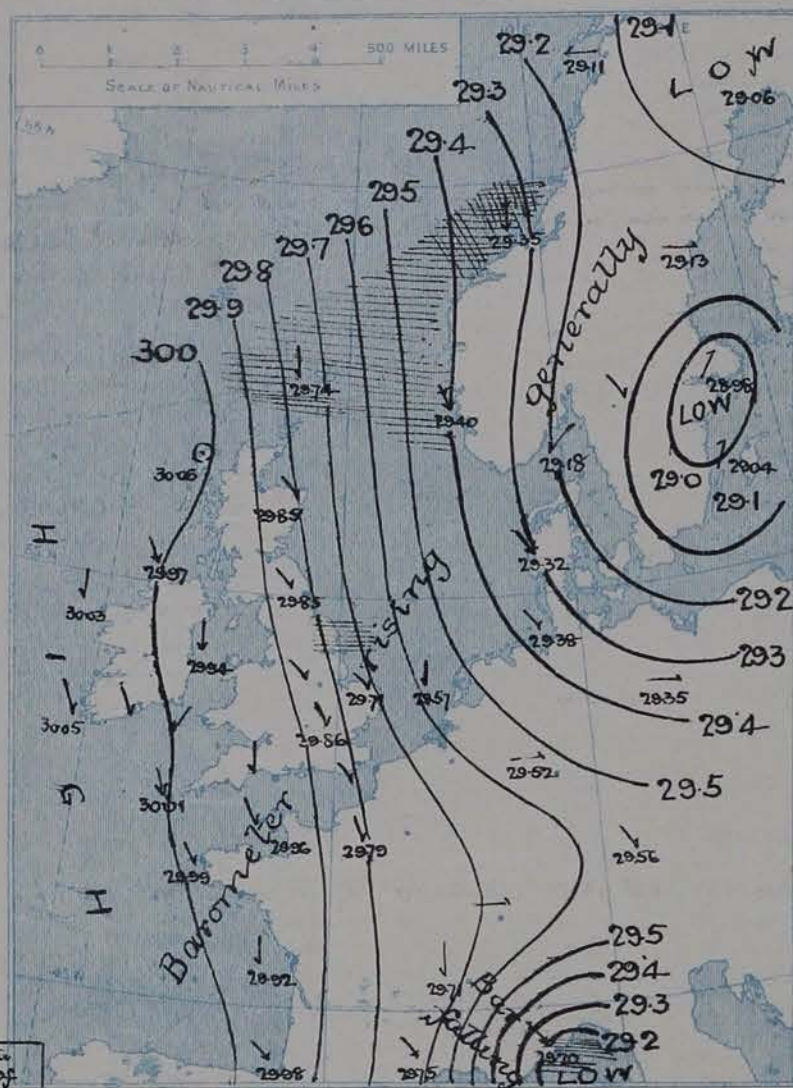
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough High

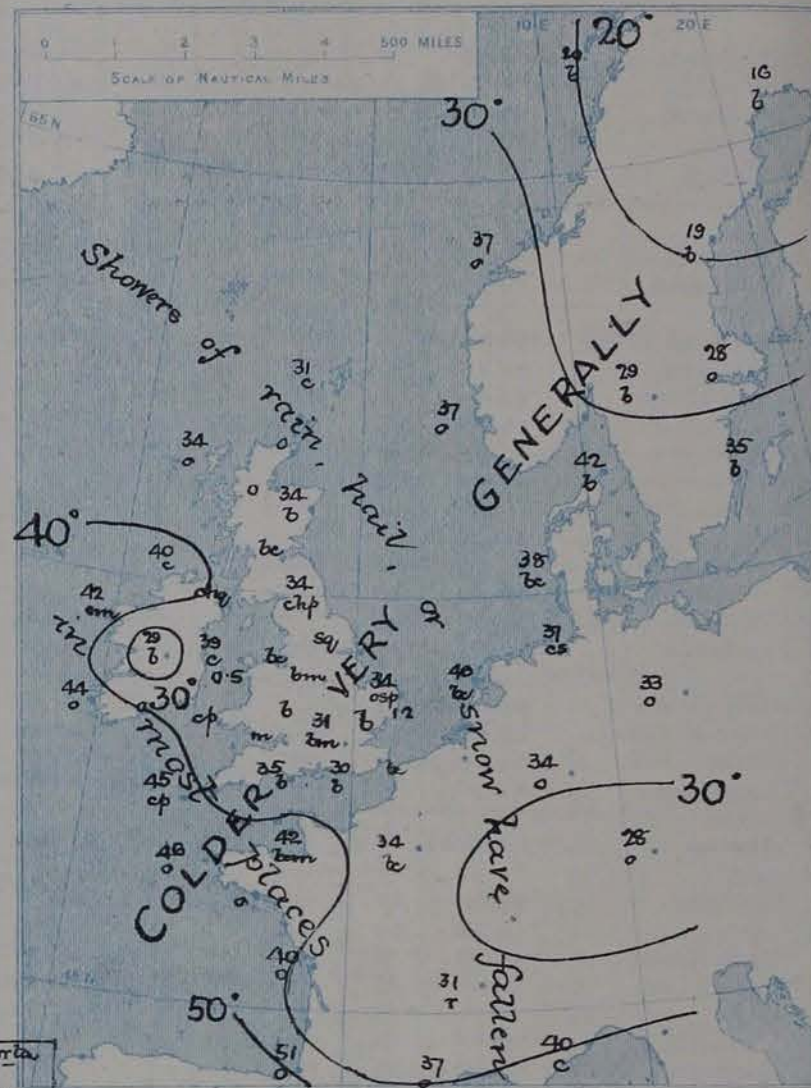


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

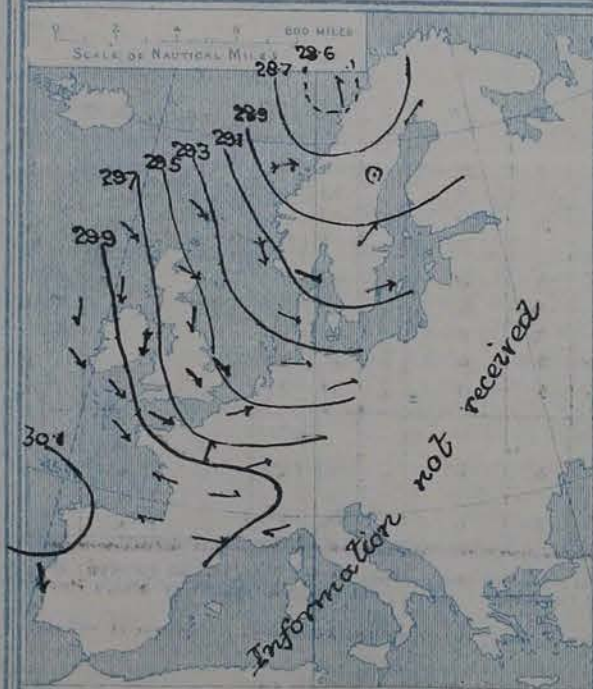
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. ACCUMULATED TEMPERATURE ABOVE 42°.

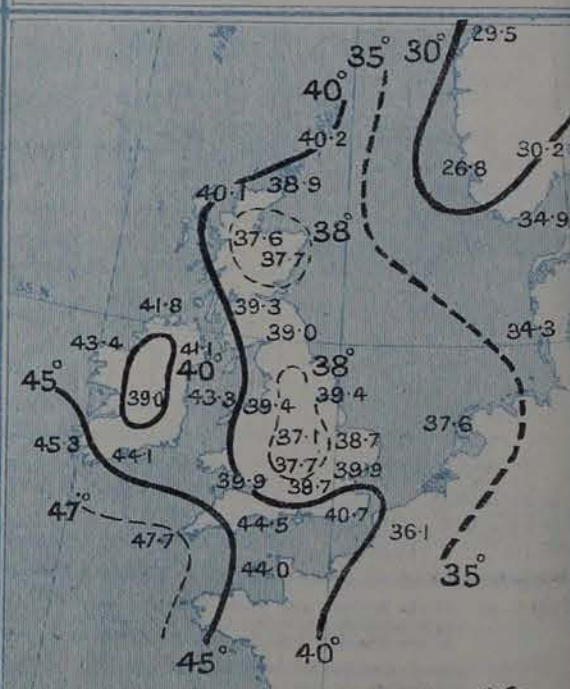
Amount recorded in various districts of the United Kingdom during the week ended Saturday, 1st December, with the percentage of the average for the corresponding week.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period DECEMBER.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The recent Arctic disturbance is now passing away to the White Sea region, while a secondary has moved to Southern Sweden, the lowest barometer reported being 28.98 ins. at Stockholm. A new and rather deep depression has formed on the Riviera, the mercury having fallen rapidly to 29.20 ins. at Nice. Excepting in the south of France pressure is increasing generally, the barometer readings at all our western stations exceeding 30 ins., and at Lisbon 30.18 ins. The gradients are steep over the south of France, moderately steep on the North Sea, slight elsewhere.

WIND

A light S^W breeze is reported on the Baltic, but over the rest of the area under observation N^W and NW^W winds prevail, light or moderate in force in most regions, but blowing freshly over the south of France and at a few of our home coast stations, strongly in Denmark, a fresh or strong gale on the Norwegian coasts.

TEMPERATURE

Temperature has fallen nearly everywhere, and the readings over the British Isles are in most instances below 40°, 29° at Burr Castle, and 30° at Dungeness and Oxford, but Scilly reports 45°. Over Scandinavia the thermometer is as low as 16° at Haparanda, 19° at Hernösand, and 20° at Bodö; in the western part of the continent the readings range from 28° at Munich, 40° at Rochefort and Nice to 51° at Biarritz, and 53° at Lisbon.

WEATHER

Both at home and abroad the weather is for the most part fine and clear to fair and cloudy, but hail or snow showers are reported locally in these Islands and at Cuxhaven. A high sea is running off Christiansund and it is rather rough between the Shetlands and Norway, off the Humber, on the French side of the Straits of Dover and at Nice moderate to smooth elsewhere.

AND

SEA

During yesterday temperature rose to 45° and upwards at a number of the west and south coast stations, to 42° at Valencia and Jersey, but over the northern and eastern districts the maxima were generally below 40°. Cold rain, hail or snow has fallen in nearly all places, 0.5 in. at Holyhead, and 1.2 in. at Yarmouth. No bright sunshine was registered at Stornoway, Hain and Scarborough, the records elsewhere ranging upwards to more than 6 hours at several stations in England.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer maintains a slight upward tendency, and the indications are in favour of the existing seasonable conditions continuing in all parts of the country during the ensuing 24 hours.

FORECASTS*

For the 24 hours ending at NOON on 11th December, 1906.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND
- 1 { NORTH
- 2 { SCOTLAND
- 3 { EAST
- 4 { ENGLAND
- 5 { N.E.
- 6 { ENGLAND
- 7 { EAST
- 8 { MIDLAND
- 9 { COUNTIES
- 10 { ENGLAND
- 11 { SOUTH

N^W and NW^W breezes, light or moderate generally, fresh locally; fair or fine as a rule, but with local falls of rain, hail or snow; cold.

- 6 { SCOTLAND
- 7 { WEST
- 8 { ENGLAND
- 9 { N.W.
- 10 { ENGLAND
- 11 { S.W.
- 12 { IRELAND
- 13 { NORTH
- 14 { IRELAND
- 15 { SOUTH

N^W and NW^W breezes, light or moderate generally, fresh locally; fair or fine as a rule, but with local falls of rain, hail or snow; cold.

NONE ISSUED.

WARNINGS

Note—The South Cone, point downwards (⌋), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (⌋), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

DAILY WEATHER REPORT.

10th DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	45	36	7. b	6.3	0.14	Eastbourne, to 6 p.m. ...	47	34	*	5.9	0.24
Southport, to 9 p.m. ...	45	34	7. b	6.2	0.11	Bexhill-on-Sea, to 9 p.m. ...	42	33	7. v	5.5	0.06
Rhyl, to 6 p.m. ...	46	39	?	3.6	-	Hastings ...	*	*	*	5.5	*
Llandudno, to 9 p.m. ...	45	38	7. c. p. q.	2.8	0.29	Folkestone, to 6 p.m. ...	44	34	6. o	0.3	0.02
Betrws-y-Coed, to 6 p.m. ...						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	41	38	h. c. h. c.	1.0	0.13	Margate, to 6 p.m. ...	40	35	6	4.1	-
Aberystwyth, to 6 p.m. ...	47	38	7. o. c.	1.5	0.09	Lowestoft, to 6 p.m. ...	42	32	o. c. o. h. s. o. s.	2.3	?
Plymouth, to 9 p.m. ...						Skegness ...	37	33	5. b	6.3	0.01
Torquay, to 6 p.m. ...	46	?	*	4.7	0.04	Scarborough, to 6 p.m. ...	42	33	*	0.0	0.08
Bournemouth, to 6 p.m. ...	43	37	*	6.5	0.12	Harrogate, to 6 p.m. ...	36	32	7. b	6.4	0.08
Bognor, ...	*	*	7	4.0	*	Darwen, to 9 p.m. ...					
Worthing ...	42	38	6. b. c.	5.8	0.06	Manchester, to 9 p.m. ...					
Brighton ...	46	32	*	6.1	0.03	Birmingham, to 9 p.m. ...	42	32	7. s. b.	4.7	0.18

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

STATIONS <i>9th Dec^r</i> 1906.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg	Observations not received.				Algiers <i>9th Dec^r</i> 1906.	Observations not received.			
Utrecht... ..					Tunis				
Groningen					Madeira (Funchal)				
Vienna									
Florence					Geneva <i>8th Dec^r</i> 1906.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome					Berne	37	*	6	—
Naples					Coire	32	*	6	—
Palermo					Coire	37	*	6	—
Brindisi					Castasegna... ..	37	*	0	—
Malta					Lugano	46	*	0	—
					Davos... ..	28	*	6	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	-
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
{ Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

10 th Dec ^r , 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	7.54	11.46	3.37
Greenwich ...	7.56	11.53	3.50
Wick ...	8.53	12.5	3.17
Valencia ...	8.40	12.34	4.28

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Tuesday,

Meteorological Office, London.

11th December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather.	Sun. shine.	Rainfall.	
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)			Max.	Min.				
SCANDINAVIA.	Haparanda...	Ins.	14	N	2	b	29.53	+47	18	18	+2	NNE	5	b	*	18	12	*	*	—	
	Hernösand ...	29.40	19	WNW	2	b	29.58	+45	20	19	+1	NW	2	b	*	20	9	*	*	—	
	Stockholm ...	29.17	31	NNE	2	o	29.39	+41	28	27	0	NNE	4	c	*	32	25	*	*	0.08	
	Wisby...	29.12	31	SW	4	bc	29.24	+20	28	26	-7	E	2	bc	*	37	28	*	*	0.08	
	Karlstad ...	29.32	24	NW	2	b	29.54	+43	21	20	-8	NW	2	b	*	*	*	*	*	—	
	Færder (X'ania Fjord)	29.34	36	NNW	4	bc	29.54	+36	32	29	-6	N	5	b	2	38	32	*	*	—	
	Bodö ...	29.48	21	E	2	b	29.65	+54	19	16	-1	E	2	b	1	21	14	*	*	—	
	Christiansund ...	29.71	30	NNW	4	o	29.59	+24	29	27	-8	SE	1	b	5	37	28	*	*	0.43	
Skudesnaes ...	29.51	33	N	5	c	29.65	+25	28	26	-9	N	4	b	2	37	27	c	*	—		
BRITISH ISLANDS.	Sumburgh Head	29.74	34	N	3	o	29.57	-17	36	33	+5	S	2	o	3	36	30	o	*	—	
	Stornoway ...	29.86	35	Z	0	o	29.58	-48	41	41	+7	SW	2	b	2	41	32	o	0.0	0.06	
	Malin Head ...	29.88	37	S	3	c	29.66	-31	47	47	+7	N	4	o	4	47	35	c	*	0.02	
	Blacksod Pt. ...	29.91	45	S	5	odpm	29.76	-27	46	45	+4	WNW	3	omp	3	46	41	c.odpm	*	0.12	
	Valencia ...	29.98	47	SSE	2	odm	29.85	-20	47	47	+3	Z	0	o	3	52	44	om.od	0.0	0.19	
	Roche's Point ...	30.02	43	W	1	o	29.84	-21	49	47	+7	W	1	f	1	49	42	o.f	*	0.06	
	Birr Castle ...	29.98	39	SSE	2	o	29.79	-25	47	46	+18	WSW	3	or	*	48	28	bc.o	2.2	0.02	
	Donaghadee ...	29.95	38	WSW	2	bc	29.71	-24	42	42	+2	SSW	2	o	2	42	34	bc.m	*	0.02	
	Liverpool Obsy...	29.93	35	NW	2	c	29.79	-15	38	37	+4	SSE	1	o	2	41	34	c	*	—	
	Holyhead ...	29.94	40	Z	0	o	29.77	-17	47	46	+8	W	2	r	1	47	37	o,r	*	0.07	
	Pembroke (St. Ann's Hd.)	29.98	40	NNW	3	bc	29.82	-16	49	49	+11	WSW	4	op	4	50	36	cp.bc	0.6	0.15	
	Scilly (St. Mary's) ...	30.02	46	NNW	3	c	29.92	-09	47	45	+2	W	4	op	3	47	44	c	3.8	—	
	Jersey (St. Aubins) ...	29.99	40	NW	3	cg	29.98	+02	47	43	+5	WNW	3	omg	3	48	39	cg,om	3.5	—	
	Portland Bill ...	29.96	37	NNW	2	o	29.90	-03	45	44	+10	W	4	c	3	45	34	c.o	*	—	
	Dungeness ...	29.86	30	NW	3	b	29.93	+13	33	32	+3	W	3	o	2	37	24	b	5.0	—	
	Wick ...	29.79	31	N	3	o	29.58	-25	35	34	+3	S	3	r	3	35	30	—	*	0.05	
Nairn ...	29.86	33	W	1	o	29.60	-31	36	35	+2	W	1	o	1	36	30	—	0.0	0.04		
Aberdeen ...	29.84	34	WNW	3	o	29.67	-18	34	32	0	SSW	1	o	2	34	31	o,csp	0.6	0.01		
Leith ...	29.88	36	NW	2	o	29.68	-22	36	35	+1	NE	1	o	*	38	33	bc.o	*	—		
North Shields ...	29.85	35	WNW	3	o	29.74	-11	34	34	0	SW	2	s	3	36	27	c.o	*	—		
Spurn Head ..	29.78	34	NW	6	b	29.77	00	35	33	+3	WNW	4	om	4	35	32	sq,b	*	—		
Yarmouth ...	29.77	35	WNW	4	o	29.76	+05	31	30	-3	WNW	4	cm	3	35	28	b,bsp.o	*	0.30		
Clacton-on-Sea ...	29.86	32	NW	4	b	29.84	+06	30	29	-1	WNW	2	c	2	35	26	bc,c	6.8	—		
Nottingham ...	29.90	32	W	1	b	29.81	-06	33	32	+2	WSW	1	bcm	*	36	26	bm	3.3	—		
Bath ...	29.98	33	NNW	1	m	29.88	-08	39	37	+7	W	1	m	*	39	29	—	*	5.6		
Oxford ...	29.95	28	WNW	1	b	29.87	-05	34	33	+4	W	1	o	*	37	27	b	*	—		
London(St.James'Park)	29.90	31	NW	1	bcm	29.86	00	33	33	+2	W	1	om	*	37	27	b,bcm	2.1	—		
GERMANY, & C.	The Scaw (Skagen)	29.32	38	NNE	4	c	29.50	+32	33	30	-9	NNE	4	b	1	42	32	*	*	—	
	Fanö ...	29.39	36	NW	4	b	29.49	+17	29	28	-9	N	1	b	*	41	28	*	*	—	
	Cuxhaven ...	29.45	38	NW	4	b	29.41	+03	35	34	-2	N	5	omsg	*	41	34	*	*	0.20	
	The Helder ...	29.68	40	NW	4	bc	29.63	+06	42	40	+2	NNW	4	c	3	43	37	*	*	0.08	
	Brussels ...	*	*	*	*	*	29.78	+11	32	31	0	WSW	4	o	*	36	30	*	*	0.12	
	Berlin ...	29.40	36	W	4	o	29.36	+01	34	33	+1	WSW	2	o	*	37	32	*	*	0.08	
	Frankfurt ...	29.67	35	W	3	c	29.62	+10	35	33	+1	SW	4	s	*	36	34	*	*	—	
	Munich ...	29.70	28	W	6	s	29.73	+17	29	28	+1	W	6	s	*	30	27	*	*	—	
FRANCE.	C. Gris Nez ...	29.87	37	NNW	5	b	29.87	+12	36	34	+1	NW	4	o	4	43	32	*	*	—	
	Brest ...	30.02	46	Z	0	c	30.01	+02	49	49	+3	W	3	o	3	49	41	*	*	0.04	
	Lorient ...	29.97	45	N	3	o	30.02	+04	47	45	+4	NW	3	o	3	48	41	*	*	—	
	Rochefort ...	30.03	41	N	2	b	30.09	+17	41	38	+1	WNW	3	o	*	45	39	b	*	—	
	Biarritz ...	30.05	41	SE	1	r	30.13	+15	43	41	-8	SE	2	c	3	51	36	*	*	0.32	
	Paris ...	29.51	35	NW	2	b	29.95	+16	30	29	-4	SW	2	o	*	38	28	*	*	—	
	Belfort...	29.73	29	W	4	o	29.89	+27	28	28	0	WSW	6	o	*	34	27	*	*	0.04	
	Lyons ...	29.85	32	NW	5	s	30.07	+36	32	30	+1	W	1	o	*	50	31	*	*	—	
Nice ...	29.39	39	E	4	b	29.71	+51	33	26	-7	Z	0	b	2	48	32	*	*	—		
Perpignan ...	29.90	39	NW	4	c	30.06	+31	36	32	-1	N	3	b	*	43	37	*	*	—		
SPAN. PEN.	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Lisbon ...	30.20	54	N	4	o	30.20	+02	53	50	0	N	4	b	*	59	52	*	*	—	
	Azores (P. Delgada)... " (Horta) ...	30.44	59	SW	1	o	30.41	-08	59	56	+2	NNE	4	o	2	64	57	*	*	0.16	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR TUESDAY, 11th DECEMBER, 1906.

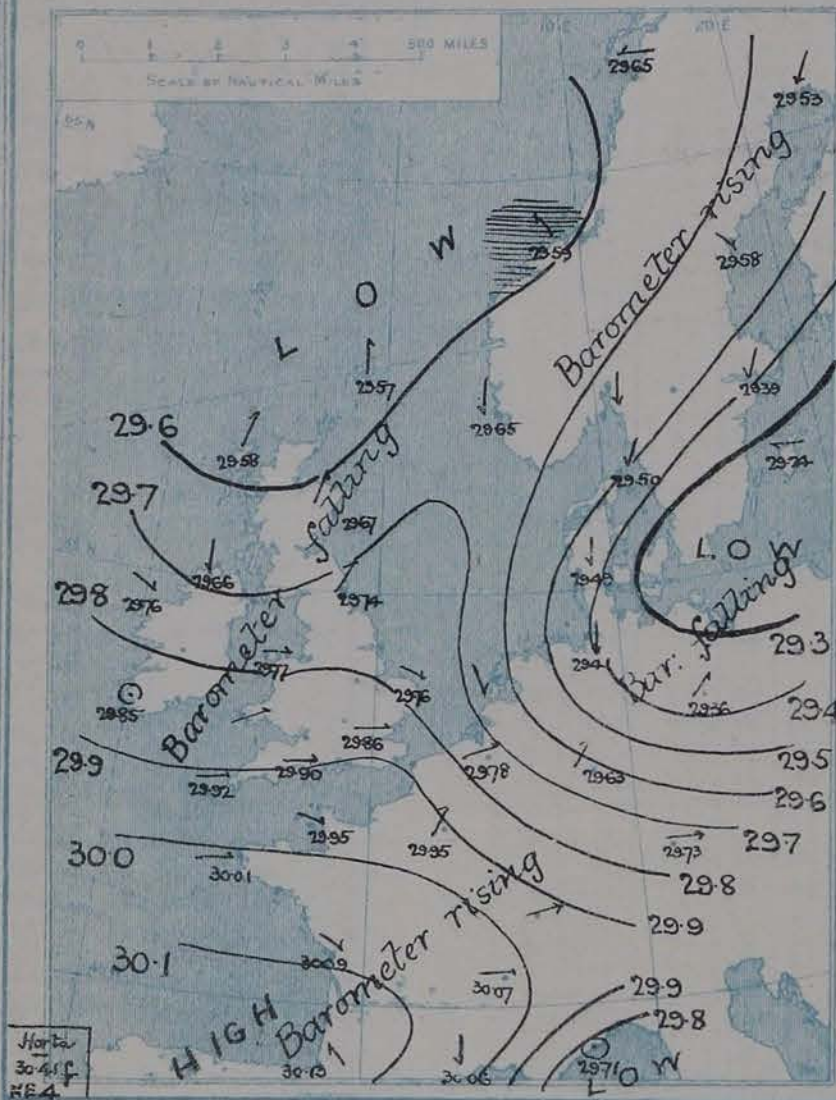
I. BAROMETER, WIND AND SEA. *This Morning.*

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

WIND—Arrows show Direction and Force, flying with the wind.

Force above 10 ——— Force 5 to 7 ——— } Calm ☉
Force 8 to 10 ——— Force 1 to 4 ——— }

SEA—Rough ——— High ———

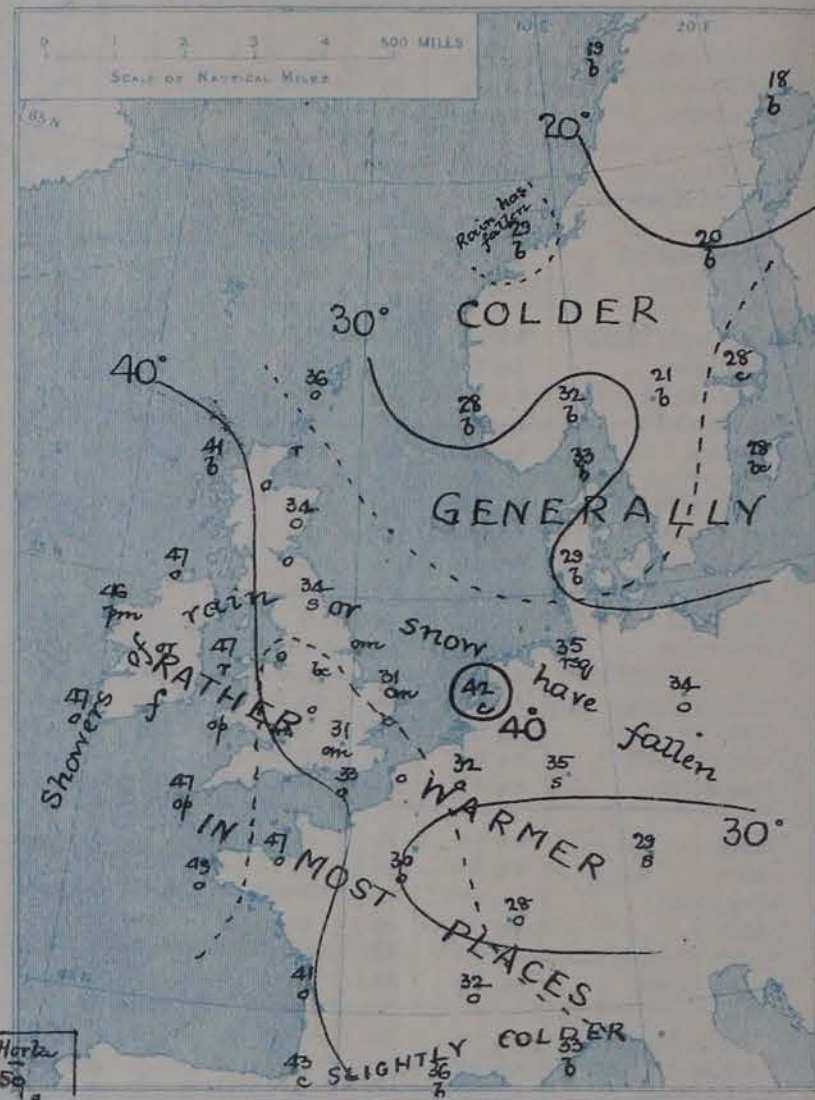


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE—Isotherms are drawn for each 10°.

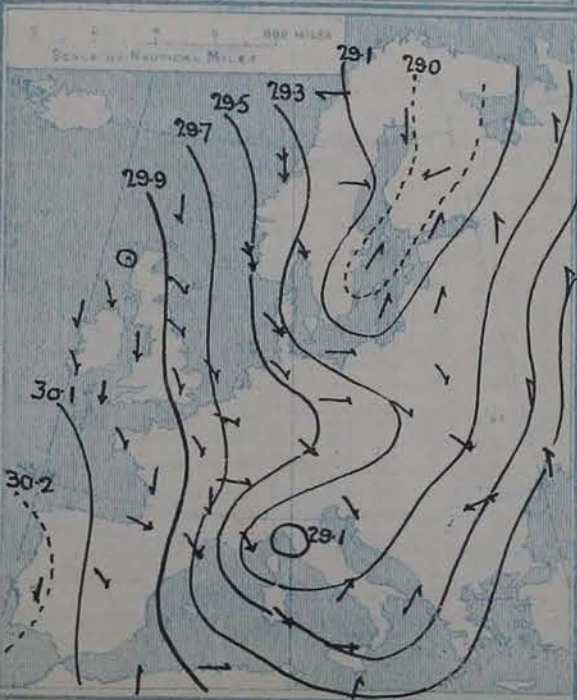
WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

recorded

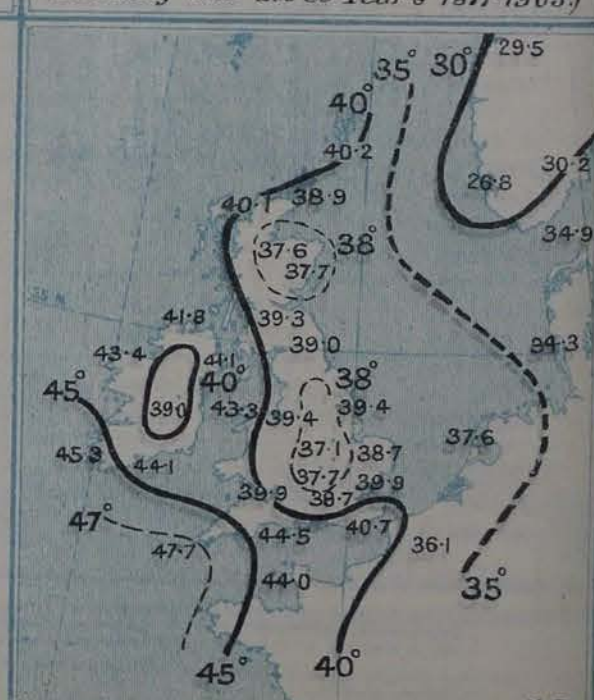
in various districts of the United Kingdom
during the week ended Saturday, 8th DEC.



V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period
DECEMBER.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

A considerable change in the distribution of pressure has taken place within the past 24 hours. The region of highest pressure has been transferred to Spain and the lower part of the Bay of Biscay, the barometer having risen to 30.20 ins at Lisbon. A disturbance has advanced towards our northern districts, the mercury having fallen below 29.6 ins. in the north of Scotland and the west of Norway. A disturbance on the Baltic, barometer 29.24 ins. at Wisby, is filling up. The gradients are moderate to slight generally.

WIND

TEMPERATURE

WEATHER

AND

SEA

S^W to W^S breezes prevail over the British Isles & France, & also in Germany, while N^S winds are reported over the greater part of Scandinavia and Denmark. The force is light to moderate in nearly all places, but a strong breeze is reported at Munich. Temperature has risen in most parts of the British Isles, Germany and the north of France, fallen elsewhere. At the home stations the values range from 30° at Blaton-on-Sea, and 31° at Yarmouth to 49° at Roche's Point and Pembroke; in Scandinavia they range from 18° at Haparanda, and 19° at Bodö to 32° at Jaerde; over Western Europe from 28° at Belfort, and 29° at Munich to 47° at Lorient and 49° at Brest. Fine, clear weather prevails over Scandinavia and Denmark; elsewhere it is very cloudy or overcast, with mist in many parts of England, fog at Roche's Point, rain at some of our western and northern stations, snow on the Tyne and at various German stations. The sea is rather rough off Christiansund, moderate to very smooth on all other coasts.

During yesterday temperature rose to 52° at Valencia, 50° at Pembroke, and above 45° at some other western stations, but the whole of the eastern stations remained below 40°, Birmingham not exceeding 34°. The duration of bright sunshine was rather variable, several of the western and northern stations reporting none at all or very little, while over Eastern England many of the records were between 6 hours and 7 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in progress indicate the advance of a "V"-shaped secondary disturbance which will occasion unsettled conditions generally, with cold rain, hail or snow in most localities, and variable temperature.

FORECASTS*

For the 24 hours ending at NOON on 12th December, 1906.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	S.W. ^S breezes, light or moderate; shifting N.W. ^S ; unsettled, some rain or snow; cold.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Light or moderate W. ^S and S.W. ^S breezes; veering N.W. ^S later.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
		dull, unsettled, some rain or snow; cold.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos. 0 to 2. Light or moderate W. ^S breezes, veering N.W. ^S or N. ^S later; dull, some rain or sleet; temperature variable.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	

WARNINGS

NONE ISSUED.

Note The South Cone, point downwards (⌣), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (⌢), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

11TH DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	38	32	c, o	5.6	—	Eastbourne, to 6 p.m. ...	36	29	*	6.5	—
Southport, to 9 p.m. ...	37	29	b, c, b, o	4.9	—	Bexhill-on-Sea, to 9 p.m. ...	37	31	b, v	5.5	—
Rhyl, to 6 p.m. ...	45	35	b, c, o	0.1	—	Hastings ...	*	*	*	6.3	*
Llandudno, to 9 p.m. ...	42	36	b, c, p	0.0	0.01	Folkestone, to 6 p.m. ...	36	30	s, b	6.7	—
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	41	35	p, o	0.0	0.07	Margate, to 6 p.m. ...	38	34	?	5.6	—
Aberystwyth, to 6 p.m. ...	45	34	t, o, c	0.0	0.07	Lowestoft, to 6 p.m. ...	35	30	o, c, sh, c	0.5	0.95
Plymouth, to 9 p.m. ...	43	38	b, c, b, m	0.8	—	Skegness ...	36	27	b, c, b	4.8	—
Torquay, to 6 p.m. ...	43	37	*	0.7	0.03	Scarborough, to 6 p.m. ...	37	31	*	2.7	0.02
Bournemouth, to 6 p.m. ...	37	30	*	6.7	—	Harrogate, to 6 p.m. ...	35	28	b	6.4	—
Bognor, ...	*	*	b	6.8	*	Darwen, to 9 p.m. ...	35	26	b, c, m, o, w	5.5	—
Worthing ...	38	29	b	6.7	—	Manchester, to 9 p.m. ...					
Brighton ...	36	29	*	6.3	—	Birmingham, to 9 p.m. ...	34	28	b, c, b	3.0	—

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

STATIONS 10 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 10 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	37	25	o, s	—	Algiers ...	66	50	c, c	0.08
Utrecht ...	39	32	b, c, b, c	0.08	Tunis ...	68	45	b, o	—
Groningen ...	39	34	s, o	0.35	Madeira (Funchal) ...	not recd			
Vienna ...	34	34	f, o	—	Geneva ...	9 th Dec., 1906	1 p.m.	1 p.m.	Measured 7 a.m.
Florence ...	51	41	t, t	0.32	Berne ...	Observations not recd.			
Rome ...	61	52	o, o	0.16	Coire ...		*		
Naples ...	59	47	b, c, t	0.59	Castasegna ...		*		
Palermo ...	69	51	b, t	0.35	Lugano ...		*		
Brindisi ...	63	52	o, c	—	Davos ...		*		
Malta ...	66	58	b, c	0.12					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

* WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	11 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	7.56	11.46	3.37
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	7.57	11.53	3.49
Germany, Denmark } Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	8.54	12.5	3.16
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.41	12.34	4.27
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Wednesday,

Meteorological Office, London.

12th December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Temp.		Weather.	Sun. shine.	Rainfall.	
																Max.	Min.				
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)								
		Ins.	°				Ins.	Ins.	°	°	°								Hours.	Ins.	
SCANDINAVIA.	Haparanda...	29.75	19	N	2	o	29.82	+29	27	27	+9	NW	4	o	x	27	14	*	*	-	
	Hernösand...	29.71	15	N	2	o	29.73	+15	19	18	-1	NE	2	o	*	23	15	*	*	-	
	Stockholm...	29.62	24	NNW	4	S	29.67	+28	21	21	-7	NW	4	o	*	32	21	*	*	0.04	
	Wisby...	29.52	32	NE	4	r	29.62	+38	32	31	+4	NNW	4	o	*	41	25	*	*	0.08	
	Karlstad...	29.75	18	N	2	b	29.77	+23	17	17	-4	N	2	bc	*	*	*	*	-		
	Færder (X'ania Fjord)	29.71	29	NE	2	b	29.70	+16	28	26	-4	ESE	2	c	1	32	28	*	*	-	
	Bodö...	29.78	20	E	4	b	29.74	+09	22	21	+3	E	4	b	2	?	18	*	*	-	
	Christiansund...	29.64	32	SE	2	o	29.50	-09	33	31	+4	SE	2	o	5	34	28	*	*	-	
Skudesnaes...	29.70	33	Z	o	o	29.54	-11	37	35	+9	SE	6	o	4	37	27	b, o	*	-		
BRITISH ISLANDS.	Sumburgh Head	29.48	40	Z	o	b	29.19	-38	42	41	+6	SE	3	o	4	42	36	r, b	*	0.09	
	Stornoway...	29.50	39	Z	o	c	29.16	-42	38	38	-3	W	4	o	4	41	36	bc, c	1.5	0.09	
	Malin Head	29.56	44	SW	3	c	29.17	-49	43	41	-4	WNW	4	c	3	48	40	c	*	0.05	
	Blacksod Pt.	29.57	45	S	5	cqm	29.39	-37	40	40	-6	W	5	orthpm	4	47	36	bc, cqm	*	0.36	
	Valencia...	29.73	46	S	2	cp	29.60	-25	39	37	-8	WNW	7	p	6	51	37	cv, cp	2.8	0.44	
	Roche's Point...	29.78	45	WSW	2	b	29.55	-29	35	35	-14	NW	4	ohg	2	50	35	c, f, b	*	0.19	
	Birr Castle...	29.71	42	SW	3	b	29.40	-39	36	35	-11	WSW	3	bc	*	48	34	c, b, r	3.3	0.36	
	Donaghadee...	29.64	43	SSW	2	bc	29.24	-47	38	38	-4	SSW	2	r	1	48	37	bc, orm	*	0.57	
	Liverpool Obsy...	29.68	46	SW	2	o	29.27	-52	40	39	+2	SSW	4	r	4	48	38	f, o, r	*	0.18	
	Holyhead...	29.69	46	W	3	bc	29.31	-46	40	40	-7	WNW	7	o	5	50	46	c, bc	*	0.24	
	Pembroke (St. Ann's Hd.)	29.76	48	WNW	4	bc	29.45	-37	43	42	-6	WNW	7	ogp	6	51	40	op, f, bc	0.0	0.24	
	Scilly (St. Mary's)	29.86	51	W	4	c	29.71	-21	47	45	o	WNW	8	chg	5	52	44	m, chg	0.0	0.33	
	Jersey (St. Aubins)	29.92	49	W	4	ogm	29.74	-24	50	47	+3	W	7	c	5	52	46	ogm, b	0.0	0.07	
	Portland Bill	29.80	51	SW	4	r	29.54	-36	47	44	+2	W	8	cq	5	52	35	cp	*	0.12	
	Dungeness...	29.80	46	SSW	2	r	29.55	-38	46	45	+13	W	4	c	4	46	34	o, r, f	0.1	0.20	
	Wick...	29.53	36	S	3	c	29.15	-43	42	39	+7	SW	2	c	2	42	34	-	*	0.05	
	Nairn...	29.55	36	W	1	bc	29.17	-43	38	37	+2	Z	o	o	1	42	29	-	0.6	0.01	
Aberdeen...	29.57	36	SW	1	c	29.21	-46	38	38	+4	NW	1	c	2	38	31	osp, em	0.0	0.01		
Leith...	29.59	40	W	1	o	29.16	-52	42	40	+6	SE	2	o	*	42	30	o, df	*	0.04		
North Shields	29.61	38	SSW	2	d	29.26	-48	37	34	+3	SSW	2	c	3	39	32	om, d	*	0.06		
Spurn Head	29.69	38	S	3	df	29.38	-39	37	37	+2	S	4	c	4	40	35	-	*	0.03		
Yarmouth...	29.77	35	WSW	3	om	29.47	-29	38	37	+7	SW	4	c	3	38	29	o, om	*	0.10		
Clacton-on-Sea	29.81	39	SSW	3	r	29.52	-32	41	41	+11	SSW	4	bc	3	43	30	c, odm	0.1	0.09		
Nottingham...	29.71	39	SW	1	dm	29.36	-45	39	38	+6	SSW	1	om	*	41	29	f, dm	0.0	0.06		
Bath...	29.77	33	SW	3	r	29.49	-39	43	40	+4	WSW	7	b	*	50	39	-	0.2	0.13		
Oxford...	29.73	46	SSW	2	o	29.45	-42	44	42	+10	SW	5	o	*	47	34	op, o	*	0.07		
London (St. James' Park)	29.78	43	WSW	1	om	29.50	-36	43	43	+10	SW	2	bcpm	*	47	33	om, ot, b	0.0	0.07		
GERMANY, & C.	The Scaw (Skagen)	29.72	32	Z	o	b	29.71	+21	53	31	o	ESE	3	o	1	34	32	*	*	-	
	Fanö...	29.77	28	NE	1	b	29.66	+17	31	31	+2	E	2	c	*	32	27	*	*	-	
	Cuxhaven...	29.75	33	N	2	b	29.68	+27	30	28	-5	S	3	o	*	36	30	*	*	-	
	The Helder	29.80	40	N	1	c	29.51	-12	39	38	-3	S	2	r	1	43	37	*	*	0.08	
	Brussels...	*	*	*	*	*	29.66	-12	43	43	+11	SW	3	o	*	43	31	*	*	0.12	
	Berlin...	29.67	32	NW	2	o	29.80	+44	28	27	-6	WSW	2	o	*	36	28	*	*	-	
	Frankfurt...	29.88	35	SW	3	o	29.80	+18	33	33	-2	SW	3	S	*	36	32	*	*	0.24	
	Munich...	29.91	27	W	7	S	29.97	+24	30	30	+1	SW	4	S	*	30	27	*	*	-	
FRANCE.	C. Gris Nez...	29.85	46	SW	5	f	29.53	-29	47	45	+11	SW	5	c	5	48	36	*	*	0.24	
	Brest...	29.93	51	SW	4	f	29.78	-23	50	46	+1	WNW	6	c	4	51	46	*	*	0.08	
	Lorient...	29.97	50	W	4	o	29.85	-17	50	49	+3	WNW	5	r	4	54	46	*	*	0.08	
	Rochefort...	30.10	48	SW	1	o	29.97	-12	52	52	+11	SW	5	r	*	52	46	o	*	0.20	
	Biarritz...	30.19	50	WSW	1	o	30.18	+05	53	52	+10	SSW	4	o	*	53	46	*	*	0.08	
	Paris...	29.97	37	SSW	2	o	29.80	-15	45	45	+15	SW	3	o	*	?	?	*	*	0.04	
	Belfort...	29.94	28	WSW	8	S	29.94	+05	36	36	+8	W	4	r	*	?	28	*	*	0.35	
	Lyons...	30.15	30	N	1	o	30.14	+07	34	33	+2	SW	1	o	*	36	30	*	*	-	
SPAN. PEN.	Nice...	29.73	38	E	3	b	29.97	+26	39	31	+6	Z	o	b	3	48	33	*	*	-	
	Perpignan...	30.09	46	NW	2	b	30.14	+08	36	35	o	SW	2	b	*	48	35	*	*	-	
	Corunna...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Lisbon...	30.26	51	N	3	b	30.33	+13	53	49	o	WSW	3	c	*	59	50	*	*	-		
Azores (P. Delgada)...	30.50	58	NE	3	b	30.56	+15	54	51	-5	NW	1	b	2	63	54	*	*	-		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR WEDNESDAY, 12TH DECEMBER, 1906.

I. BAROMETER, WIND AND SEA. *This Morning.*

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10

Force 5 to 7

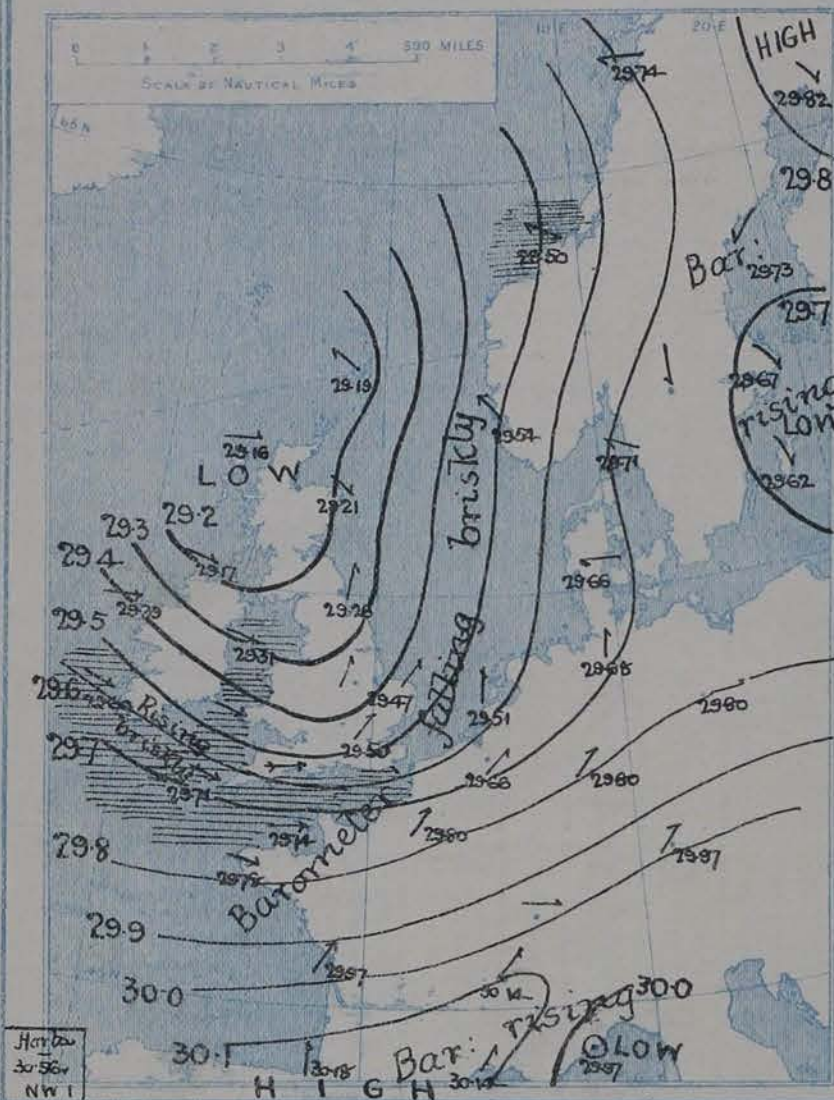
Calm

Force 8 to 10

Force 1 to 4

SEA—Rough

High

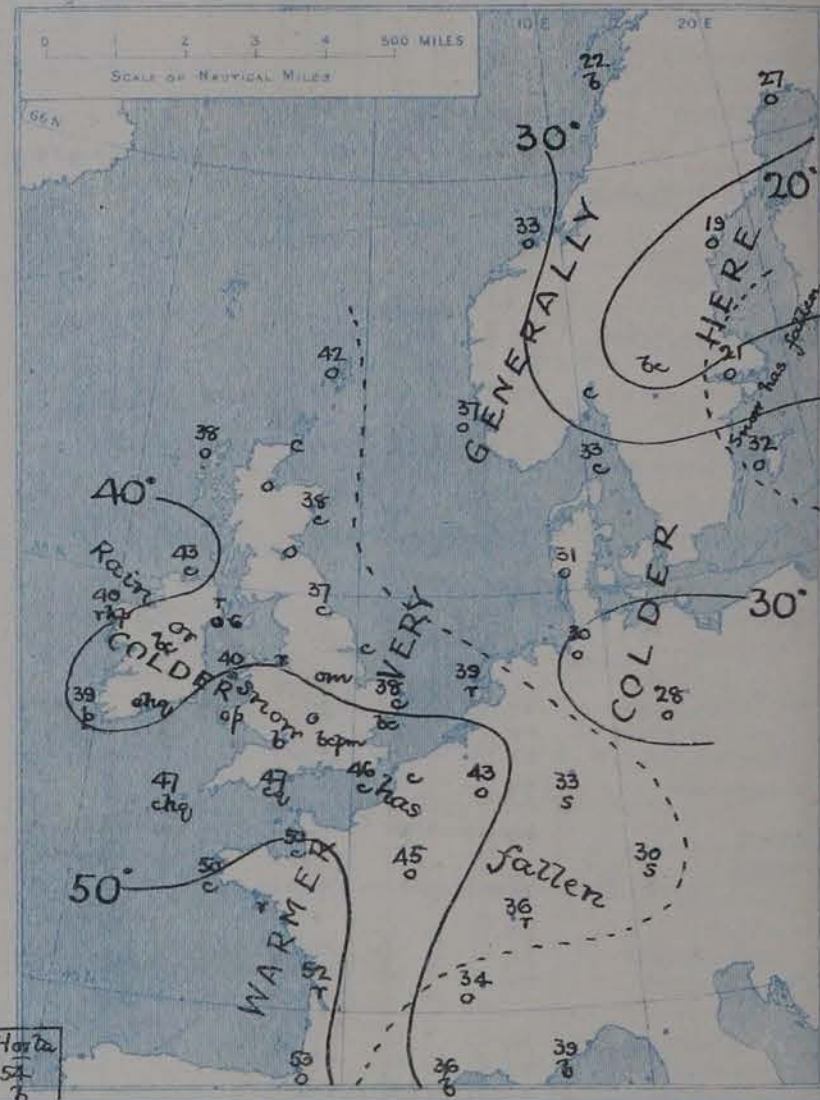


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE—Isotherms are drawn for each 10°.

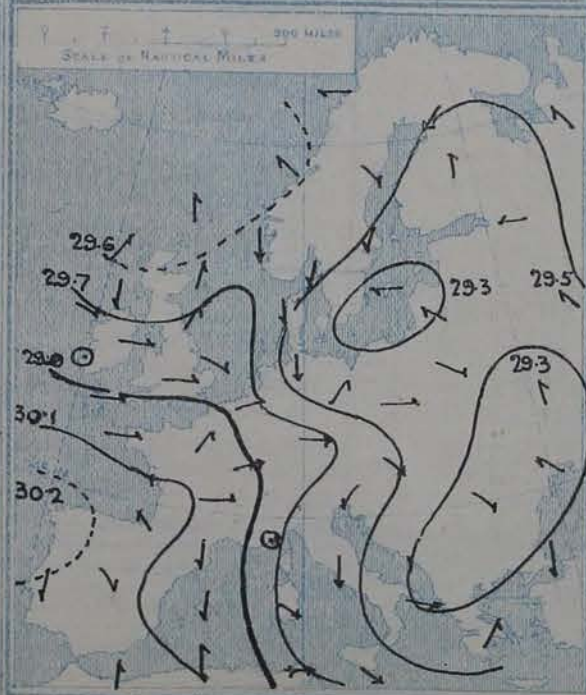
WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



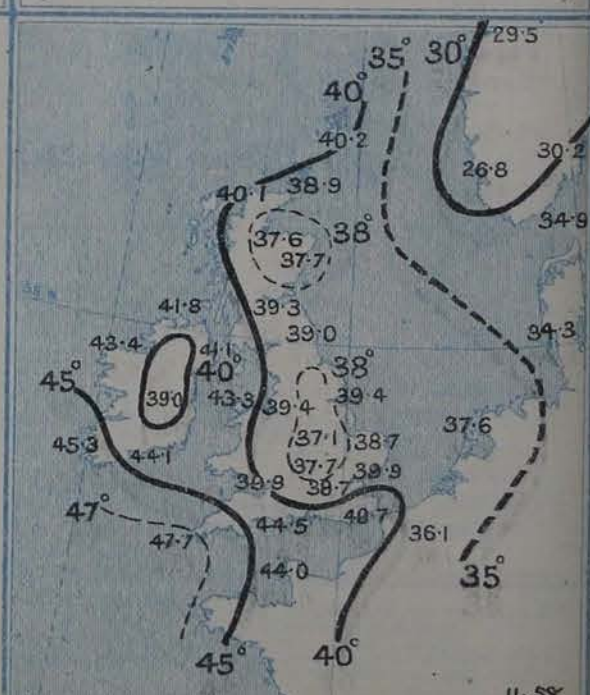
IV. LAST WEEK'S RAINFALL.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 8TH DECEMBER, with the percentage of the average amount for the corresponding week.



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period DECEMBER.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The region of highest pressure still lies over southwestern Europe, the barometer having risen to 30.33 ins. at Lisbon. The Baltic disturbance of yesterday is passing into Russia, but another low pressure area occupies the British Isles and their neighbourhood, the mercury being below 29.2 ins. in Scotland and the north of Ireland. The gradient is moderately steep over our western and southern districts.

WIND

TEMPERATURE

WEATHER

AND

SEA

N.W.³ to W.³ winds prevail on our western and southern coasts; S.³ and S.W.³ over Eastern England, France and Germany; and S.E.³ to E.³ in the Shetlands, Denmark and Norway; N.³ or N.W.³ in Sweden. On our western and southern and the French coasts fresh or strong winds to a gale are reported, but elsewhere light or moderate breezes prevail. Temperature has fallen in Ireland and Wales, and at most of the German and Swedish stations, risen elsewhere. At the home stations the readings range from 35° at Roche's Point, and 36° at Birr Castle to 47° at Scilly and Portland Bill, and 50° at Jersey; in Scandinavia from 17° at Faerder, and 19° at Nernösand to 37° at Skudesnaes; over Western Europe from 28° at Berlin, and 30° at Munich to 52° at Rochefort, and 53° at Biarritz and Lisbon. The weather is very cloudy or overcast over nearly the whole of the region under observation, rain or hail falling in various parts of Ireland and England and in France, snow over Southwestern Germany. The sea is rough or rather rough on our southern and southwestern coasts and off Christiansund, moderate to smooth elsewhere.

During yesterday temperature rose to between 50° and 52° at nearly all the southwestern coast stations, but in the east and southeast of England many of the maxima were below 40°, 35° at Lowestoft. Rain, hail or sleet has fallen generally, small quantities as a rule, but 0.6 in. at Donaghadee. At most places there was no bright sunshine, and few of the others had as much as an hour.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The 'V'-shaped disturbance is advancing steadily across England, and on its western side a sharp rise of the barometer has set in, so that temporarily W.⁴ to N.W.⁴ strong winds and gales will be felt on the western and southern coasts, and unsettled weather generally. It is probable, however, that a new depression will begin to affect the far western coasts later.

FORECASTS*

For the 24 hours ending at NOON on 13th December, 1906.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

Wind variable, and generally light to moderate; changeable, rain at times; moderate temperature.

S.W.³ breezes, light to fresh, shifting W.³ or N.W.³, gale on south coast; gusty, changeable, rain at times; variable temperature.

DISTRICTS.

FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

Same as Nos. 0 and 1.

N.W.⁴ winds, strong to a gale at first, then moderating and backing again; squally, rain and hail, improving later; cold.

WARNINGS

At 7.5 p.m. yesterday to parts of Districts 9 and 10, Hoist South Cone. At 9.15 a.m. today to Districts 5, 7, 8 and remainder of 9 and 10, Hoist North Cone.

Note—The South Cone, point downwards (⏏), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (⏏), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

12TH DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	46	32	odm, c	0.0	0.09	Eastbourne, to 6 p.m. ...	48	29	*	0.0	0.06
Southport, to 9 p.m. ...	46	32	o, m, c	0.0	0.05	Bexhill-on-Sea, to 9 p.m. ...	46	25	g, d	0.0	—
Rhyl, to 6 p.m. ...	50	34	?	0.5	0.05	Hastings ...	*	*	*	0.0	*
Llandudno, to 9 p.m. ...	50	38	bc	0.8	—	Folkestone, to 6 p.m. ...	39	24	o, bc, o, d	0.2	0.01
Bettws-y-Coed, to 6 p.m. ...	?	?	r, m, o	0.0	0.20	Broadstairs, ...	*	*	*	—	*
Towyn, to 6 p.m. ...	48	38	t, o, t	0.0	0.10	Margate, to 6 p.m. ...	40	32	o, r, m	0.0	—
Aberystwyth, to 6 p.m. ...	51	34	f, o, d, b	0.0	0.07	Lowestoft, to 6 p.m. ...	35	26	o, c, o, r	0.5	0.18
Plymouth, to 9 p.m. ...	51	36	*	1.1	—	Skegness ...	38	32	o, t, m	0.0	0.02
Torquay, to 6 p.m. ...	50	31	*	0.1	—	Scarborough, to 6 p.m. ...	37	31	*	0.1	0.01
Bournemouth, to 6 p.m. ...	*	*	c, o, fd.	0.0	*	Harrogate, to 6 p.m. ...	38	32	o, f	0.0	0.02
Bognor, ...	44	26	o, m, f	0.0	0.02	Darwen, to 9 p.m. ...	43	30	om, omg	0.0	0.14
Worthing ...	43	26	*	0.0	0.02	Manchester, to 9 p.m. ...	42	30	o, t, o	0.0	0.06
Brighton ...	43	26	*	0.0	0.02	Birmingham, to 9 p.m. ...	44	29	o, p, o	0.0	0.03

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

STATIONS 11 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 11 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	34	28	s, f	0.12	Algiers ...	61	50	c, c	0.08
Utrecht ...	39	32	b, o	0.12	Tunis ...	57	41	o, m	0.28
Groningen ...	41	34	o, o	0.16	Madeira (Funchal) ...	not rec'd	not rec'd		
Vienna ...	37	32	bc, b	—	Geneva ...	34	*	o	Measured 7 a.m. 0.08
Florence ...	44	32	o, b	—	Berne ...	32	*	s	0.12
Rome ...	56	39	b, b	0.35	Coire ...	32	*	s	0.04
Naples ...	49	39	b, b	0.16	Castasegna ...	36	*	o	0.04
Palermo ...	not rec'd	not rec'd			Lugano ...	43	*	b	—
Brindisi ...	61	50	o, b	—	Davos ...	19	*	s	0.16
Malta ...	63	46	t	0.32					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	12 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	7.57	11.47	3.36
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	7.58	11.54	3.49
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	8.55	12.6	3.16
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.42	12.35	4.27
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Thursday,

Meteorological Office, London.

13th December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.	Hours.	Ins.							
SCANDINAVIA.	Haparanda... ..	29.67	28	NE	4	S	29.64	-18	31	31	+4	SSE	2	0	*	31	16	*	0.24		
	Hernösand	29.93	22	Z	0	0	29.58	-15	15	14	-4	NW	2	0	*	23	15	*	-		
	Stockholm	29.62	16	WNW	2	0	29.65	-02	14	14	-7	W	2	0	*	23	14	*	-		
	Wisby... ..	29.63	27	NW	4	0	29.61	-01	24	22	-8	SE	1	0	*	34	24	*	0.04		
	Karlstad	29.68	11	Z	0	0	29.60	-17	12	12	-5	N	2	0	*	*	*	*	-		
	Færder (X'ania Fjord)	29.61	27	E	2	0	29.52	-18	24	22	-4	NE	2	0	1	28	21	*	-		
	Bodö	29.65	26	E	4	0	29.48	-26	28	27	+6	E	4	0	2	36	21	*	-		
	Christiansund ...	29.46	33	SE	3	0	29.38	-12	33	31	0	E	1	0	5	34	30	*	-		
	Skudesnaes	29.38	36	SE	8	0	29.36	-18	33	30	-4	SE	6	0	4	37	32	0	-		
BRITISH ISLANDS.	Sumburgh Head	29.12	37	NW	4	r	29.20	+01	38	36	-4	WNW	1	0	3	43	36	0. r	0.21		
	Stornoway	29.28	37	W	1	0	29.21	+05	36	36	-2	W	1	0	1	41	32	0	0.08		
	Malin Head	29.40	41	WNW	7	crh	29.28	+11	39	37	-4	WNW	6	0	4	44	33	crh	0.25		
	Blacksod Pt.	29.60	41	SW	6	cqm	29.40	+10	37	36	-3	WSW	4	0	4	42	35	cqm	0.17		
	Valencia	29.80	43	SW	5	cq	29.62	+02	45	42	+6	W	4	0	4	48	34	chq, t, c	0.32		
	Roche's Point ...	29.78	39	WNW	4	bq	29.61	+06	41	40	+6	WNW	1	0	1	43	35	crsq, b, l	0.13		
	Birr Castle	29.67	36	W	4	b	29.54	+14	38	36	+2	W	3	0	2	39	32	ors, b	0.05		
	Donaghadee	29.46	37	WSW	3	b	29.39	+15	35	35	-3	W	3	0	2	39	33	orsq, b	0.14		
	Liverpool Obsy...	29.40	41	W	7	0	29.46	+19	37	36	-3	S	3	0	3	43	35	cqp, 0	0.18		
	Holyhead	29.51	40	WNW	7	cqp	29.46	+15	42	41	+2	WNW	4	0	3	42	39	c, cqp, l	0.15		
	Pembroke (St. Ann's Hd.)	29.67	43	WNW	7	bc	29.53	+08	46	42	+3	WNW	5	0	5	48	40	cp, bcq	0.25		
	Scilly (St. Mary's)	29.85	44	W	7	cq	29.64	-07	45	42	-2	WNW	6	0	6	47	43	cq, t, lq	0.62		
	Jersey (St. Aubins)	29.84	42	WNW	8	c	29.69	-05	43	42	-7	SSE	5	0	4	51	40	crh, l	0.37		
	Portland Bill	29.66	46	W	9	c	29.57	+03	43	43	-4	S	6	0	6	47	39	r, cq	0.15		
	Dungeness	29.51	41	W	7	bc	29.65	+10	41	38	-5	WSW	3	0	3	48	35	bc	0.05		
	Wick	29.21	40	SW	2	0	29.24	+09	30	29	-12	W	1	0	1	42	28	-	0.22		
	Nairn	29.27	37	W	1	0	29.27	+10	29	28	-9	W	1	0	1	40	26	-	0.09		
	Aberdeen	29.21	36	NW	4	r	29.33	+12	30	29	-8	WSW	1	0	2	40	30	c, or, b, m	0.31		
	Leith	29.26	40	W	3	0	29.33	+17	36	33	-6	WSW	2	0	2	43	34	ors, b, c, o	0.40		
	North Shields ...	29.12	35	W	6	rsq	29.40	+14	34	33	-3	WSW	2	0	3	41	31	c, r, sq	0.10		
Spurn Head	29.25	39	WSW	5	bc	29.46	+08	36	34	-1	WSW	3	0	3	42	35	r, bcq	0.04			
Yarmouth	29.36	39	WSW	4	b	29.53	+06	34	32	-4	W	4	0	4	42	33	bc, b	0.04			
Clacton-on-Sea ...	29.46	38	SSW	5	b	29.62	+10	35	34	-6	W	3	0	3	45	34	z, b, orq	0.05			
Nottingham	29.39	37	WNW	4	r	29.52	+16	35	33	-4	SW	1	0	2	42	33	bc, r	0.05			
Bath	29.61	40	WNW	6	b	29.57	+08	38	37	-5	SW	4	0	4	43	38	-	0.21			
Oxford	29.62	37	WSW	4	b	29.59	+14	35	33	-9	SSE	1	0	2	44	34	rsq, b	0.12			
London (St. James' Park)	29.53	37	W	4	op	29.61	+11	36	35	-7	WSW	1	0	2	46	34	bc, r, sp, b	0.06			
GERMANY, &c.	The Scaw (Skagen)	29.56	31	SSE	3	bc	29.41	-30	32	28	-1	E	4	0	1	36	30	*	-		
	Fanö	29.25	32	E	6	S	29.21	-45	32	32	+1	E	1	0	2	36	28	*	0.08		
	Cuxhaven	29.39	33	S	3	0	29.18	-50	35	35	+5	S	5	0	2	37	33	S, 0	0.08		
	The Helder	29.36	44	W	6	c	29.43	-08	43	39	+4	WNW	8	0	8	46	39	*	0.20		
	Brussels		*	*	*	*	29.73	+07	34	32	-9	SW	5	0	2	42	33	*	0.04		
	Berlin	29.57	31	SE	2	0	29.52	-28	34	32	+6	SW	2	0	2	36	28	*	0.12		
	Frankfurt	29.69	39	SW	3	0	29.73	-07	37	35	+4	SW	5	0	2	39	33	*	0.24		
Munich	29.82	37	W	6	b	29.89	-08	34	33	+4	W	6	0	2	37	30	*	0.32			
F. CE.	C. Gris Nez	29.56	46	SW	8	b	29.71	+13	42	38	-5	WSW	4	0	5	52	39	*	0.20		
	Brest	29.94	45	WNW	7	c	29.73	-05	49	49	-1	SSW	4	0	5	50	48	*	0.12		
	Lorient	30.01	48	NW	6	r	29.82	-03	52	52	+2	WSW	7	0	7	54	45	*	0.43		
	Rochefort	30.10	48	WNW	6	0	29.99	+02	48	47	-4	?	6	0	*	54	46	c, 0	0.20		
	Biarritz																	*	-		
	Paris	29.83	40	WSW	4	b	29.91	+11	35	34	-10	SSW	2	0	*	51	33	*	-		
SPAN. PEN.	Belfort... ..	29.85	40	NW	7	r	29.96	+02	34	32	-2	WSW	7	0	*	41	34	*	0.20		
	Lyons																	*	-		
	Nice	29.95	42	E	3	c	29.92	-05	43	35	+4	W	6	0	6	52	39	*	-		
	Perpignan	30.13	50	W	2	b	30.20	+06	48	41	+12	NW	3	0	*	58	36	*	-		
	Coruona																	*	-		
Lisbon	30.50	53	NNE	4	b	30.56	+23	50	47	-3	NNW	1	0	*	59	48	*	-			
Azores (P. Delgada)...																	*	-			
" (Horta)	30.62	60	SSW	4	b	30.62	+06	60	55	+6	SSW	3	0	2	63	54	*	-			

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + 0.3 in., but for Sumburgh Head + 0.4 in.; for stations South of Malin Head and North Shields + 0.2 in., but for Scilly and Jersey + 0.1 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR THURSDAY, 13TH DECEMBER, 1906.

I. BAROMETER, WIND AND SEA. This Morning.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10

Force 5 to 7

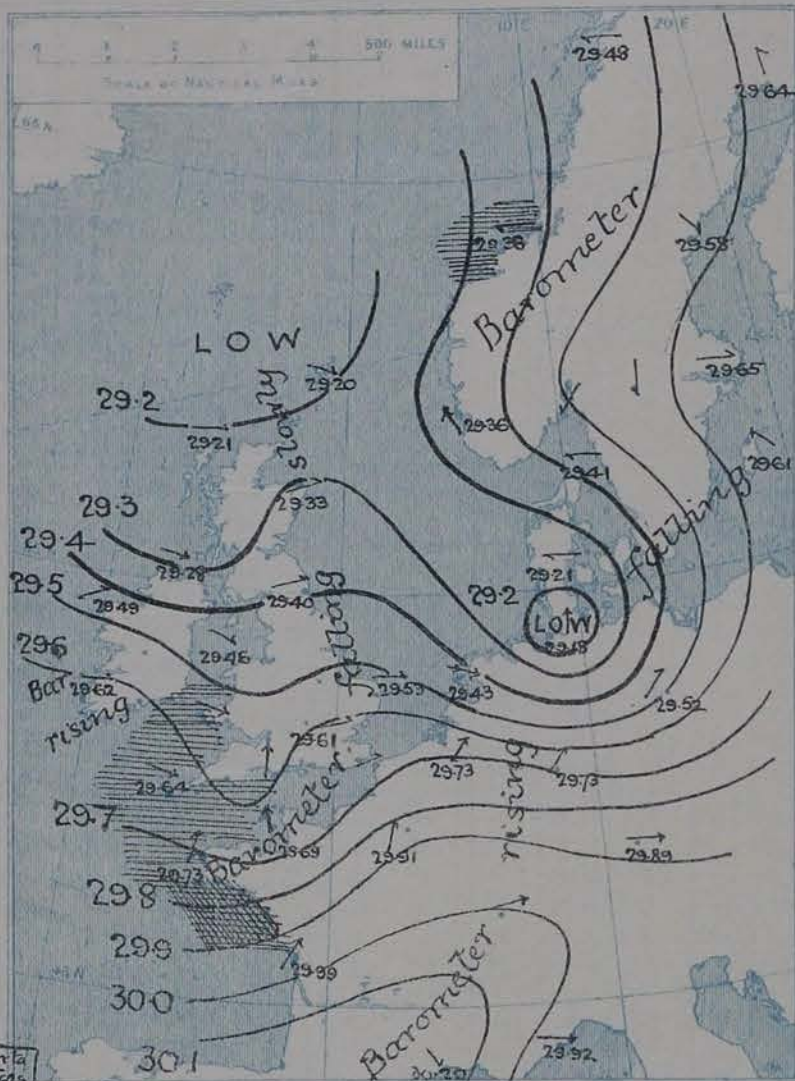
Calm

Force 8 to 10

Force 1 to 4

SEA—Rough

High

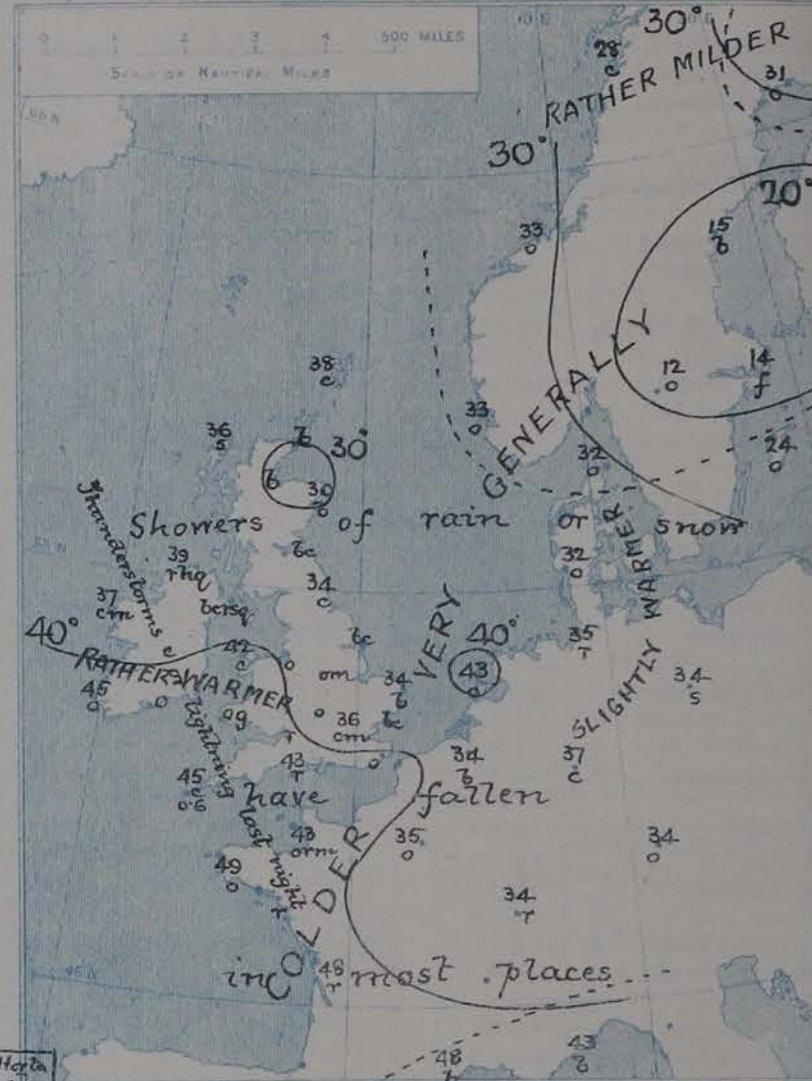


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0.8



III. BAROMETER AND WIND

Yesterday morning.



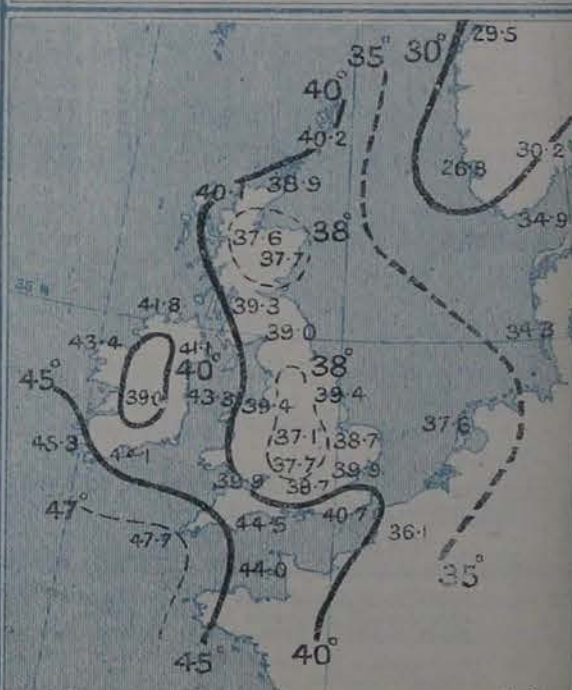
IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 8TH DEC. with the percentage of the average duration for the corresponding week.



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period DECEMBER.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The central space of a low pressure system still lies between Scotland and Ireland, the barometer at Sumburgh Head reading 29.20 in. The V-shaped secondary which was yesterday over these Islands has now reached the eastern side of the North Sea, where it has grown deeper, the mercury having fallen to 29.18 in. at Buxhaven. Another has arrived over our western districts, extending from the west of Scotland to Brittany. Pressure is increasing over Southwestern Europe, Lisbon reporting 30.56 in. The gradients are rather steep over the Low Countries and Northwest Germany, and also over Brittany, moderate to slight elsewhere.

WIND

With the several disturbances the winds vary considerably in direction, E. in Denmark and Norway, elsewhere they are mainly from between S. to W. and N.W. In most regions the force is light to moderate, but it is fresh or strong at some of our southern and western stations and over Northern France and Germany. Temperature has risen in Wales and the south of Ireland, in Holland and Germany, and in the extreme north of Scandinavia, fallen in nearly all other regions.

TEMPERATURE

At the home stations the values range from 29° at Nairn, and 30° at Aberdeen and Wick to 45° at Sully and Valencia, and 46° at Pembroke; in Scandinavia from 12° at Karlstad, 14° at Stockholm, and 15° at Helsingfors to 33° at Christiansund and Skudesnaes; over Western Europe from 34° at several stations to 49° at Brest, and 52° at Lorient.

WEATHER

The weather is fine and clear on the east coast of Britain, elsewhere it is generally dull and overcast, with rain, hail, sleet or snow at some of our western and southern stations and in France and Germany. A very high sea is running on the Dutch coast, and it is high on the Bay of Biscay, rough or rather rough on the English and Bristol Channels, moderate to very smooth elsewhere.

AND

SEA

Temperature rose yesterday to 50° or slightly above at a few western and southern stations, but the maximum at Donaghadee and Birr Castle was only 39°. Thunder and lightning occurred in several places in the west and southwest, and rain hail or sleet was experienced generally, the amounts in most places being small, but Sicily reports 0.6 in. There was little or no bright sunshine over the northern half of England and Scotland, but along the south coast of England the records were between 4 hours and 5 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure remains of a very unsettled type. The V-shaped secondary will pass E. with rapid veer of wind, accompanied by various forms of cold precipitation. With the backing wind, other small disturbances are likely to arrive from the Atlantic.

FORECASTS*

For the 24 hours ending at NOON on 14th December, 1906.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Light or moderate SW ^s and W ^s breezes; very changeable, some rain or snow; cold.
1	SCOTLAND EAST	
2	ENGLAND N.E.	S.W. ^s to W. ^s or N.W. ^s breezes, strength.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	Variable, fresh or strong locally; very changeable, rain hail or sleet.
5	ENGLAND SOUTH	
		showers; cold.

DISTRICTS.

FORECASTS.

5	SCOTLAND WEST	N.W. ^s to W. ^s or S.W. ^s breezes; fresh or strong at times; very changeable
7	ENGLAND N.W.	
8	ENGLAND S.W.	rain, hail or sleet showers; cold.
9	IRELAND NORTH	
10	IRELAND SOUTH	

WARNINGS

At 7.15 p.m. yesterday to parts of Districts 9 and 10 "Keep up Cone". The Signals are still flying in Districts 5, 7, 8 and the remainder of 9 and 10.

Note. - The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌴), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

13TH DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	45	35	or. cphg	0.7	0.31	Eastbourne, to 6 p.m. ...	51	40	*	4.0	0.19
Southport, to 9 p.m. ...	43	36	orhg, c	0.0	0.15	Bexhill-on-Sea, to 9 p.m. ...	49	39	b, o	4.0	0.18
Rhyl, to 6 p.m. ...	52	35	?	0.9	0.26	Hastings ...	*	*	*	4.1	*
Llandudno, to 9 p.m. ...	47	36	bcphs	0.5	0.10	Folkestone, to 6 p.m. ...	47	36	o. bc, o. b	4.1	0.23
Bettws-y-Coed, to 6 p.m. ...	47	37	C. v. o	0.3	-	Broadstairs, ...	*	*	*	-	*
Towyn, to 6 p.m. ...	44	39	o	0.1	0.24	Margate, to 6 p.m. ...	47	36	?	4.5	?
Aberystwyth, to 6 p.m. ...	47	40	+ , o. r	0.0	0.18	Lowestoft, to 6 p.m. ...	-	-	-	-	-
Plymouth, to 9 p.m. ...	50	37	bcgphs	2.7	0.15	Skegness ...	42	35	+ , bc, c	1.3	0.02
Torquay, to 6 p.m. ...	43	40	*	2.4	0.23	Scarborough, to 6 p.m. ...	40	31	*	0.0	0.35
Bournemouth, to 6 p.m. ...	44	37	*	3.7	0.14	Harrogate, to 6 p.m. ...	-	-	-	-	-
Bognor, ...	*	*	bc, u	4.9	*	Darwen, to 9 p.m. ...	42	32	omh, tish	0.0	0.61
Worthing ...	48	34	+ , c. b. c	4.9	0.17	Manchester, to 9 p.m. ...	43	35	o. r, bc	0.0	0.27
Brighton ...	46	37	*	1.2	0.15	Birmingham, to 9 p.m. ...	45	35	c. p. b	1.0	0.10

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

STATIONS 12 th Dec. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 13 th Dec. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	32	27	s, o	-	Algiers ...	not recd	not recd	-	-
Utrecht ...	41	36	bc, +	0.12	Tunis ...	57	45	e, m	-
Groningen ...	39	32	o, s	0.04	Madeira (Funchal) ...	not recd	not recd	-	-
Vienna ...	36	30	s, bc	0.12	Geneva ...	32	*	1 p.m.	Measured 7 a.m.
Florence ...	45	28	b, b	-	Berne ...	28	*	o	0.16
Rome ...	49	31	b, b	-	Coire ...	30	*	o	0.08
Naples ...	46	37	b, b	-	Castasegna ...	32	*	o	-
Palermo ...	49	43	b, c	0.28	Lugano ...	45	*	b	-
Brindisi ...	48	35	+ , +	-	Davos ...	16	*	s	0.20
Malta ...	55	44	+	0.20					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	13 th Dec. 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	7.58	11.47	3.36
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	7.59	11.54	3.49
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	8.56	12.6	3.16
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	-	Valencia ...	8.43	12.35	4.27
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Friday,

Meteorological Office, London.

14TH December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.		WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.
At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	29.75	30	E	2	o	29.76	+12	28	28	-3	ENE	5	o	*	32	27	*	*	0.12	
	Hernösand...	29.70	7	Z	0	b	29.77	+19	20	20	+5	NE	2	b	*	23	7	*	*	-	
	Stockholm...	29.60	24	NE	2	S	29.53	-12	33	32	+19	E	6	o	*	22	12	*	*	0.08	
	Wisby...	29.45	32	SE	4	S	29.41	-20	35	?	+11	SE	4	o	*	35	19	*	*	0.35	
	Karlstad...	29.56	20	NW	2	o	29.45	-15	26	25	+14	NE	4	o	*	*	*	0.5	*	0.04	
	Færder (X'ania Fjord)	29.49	24	NNE	5	o	29.43	-09	27	27	+3	NNE	5	S	2	?	23	*	*	-	
	Bodö...	29.53	27	E	5	b	29.62	+14	23	21	-5	E	4	b	2	28	23	*	*	-	
	Christiansund...	29.36	31	SE	2	bc	29.46	+08	31	30	-2	ESE	2	c	4	33	30	*	*	-	
Skudesnaes...	29.38	33	ESE	4	o	29.40	+04	33	31	0	E	2	bc	2	34	30	o	*	-		
BRITISH ISLANDS.	Sumburgh Head	29.18	37	Z	0	bc	29.32	+12	35	35	-3	N	2	o	3	40	33	bc	*	0.02	
	Stornoway...	29.23	34	W	1	bc	29.43	+22	30	30	-6	Z	0	b	0	37	28	sp.o.bc	0.3	0.06	
	Malin Head...	29.32	37	SW	3	crhp	29.52	+24	39	38	0	WNW	6	rhq	4	41	33	crhp	*	0.25	
	Blacksod Pt. ...	29.42	38	SW	2	rm	29.77	+28	41	39	+4	WSW	6	oghp	4	43	34	bc, r	*	0.39	
	Valencia...	29.57	43	WNW	5	bc	29.92	+30	43	38	-2	WNW	5	cp	5	46	38	cp, bc	0.0	0.22	
	Roche's Point...	29.55	40	W	2	b	29.87	+26	38	37	-3	WNW	3	b	2	43	38	o. b. q	*	0.07	
	Birr Castle...	29.50	36	S	3	c	29.78	+24	32	31	-6	W	2	b	*	40	30	c, r, s	0.6	0.11	
	Donaghadee...	29.40	34	WSW	2	b	29.55	+16	36	35	+1	NW	3	bc	3	39	34	b, bc, sp	*	0.03	
	Liverpool Obsy...	29.44	40	W	4	b	29.53	+07	36	35	-1	WNW	6	S	5	43	35	brh, q, b	*	0.12	
	Holyhead...	29.45	40	WNW	3	bc	29.60	+14	40	38	-2	NW	8	c	6	42	37	c, bc, c	*	0.09	
	Pembroke (St. Ann's Hd.)	29.52	44	WSW	3	o	29.72	+19	42	38	-4	NW	7	cq	6	47	39	og, cqp	0.0	0.14	
	Scilly (St. Mary's)...	29.55	46	WNW	3	m	29.88	+24	45	42	0	WNW	6	c	4	49	44	r, m	0.0	0.09	
	Jersey (St. Aubins)...	29.58	45	W	4	orm	29.81	+12	44	39	+1	WNW	7	crh, q	5	51	42	or, crh, q	0.0	0.46	
	Portland Bill...	29.51	45	NW	3	r	29.64	+07	43	41	0	WNW	8	b	6	48	42	c, r	*	0.05	
	Dungeness...	29.46	39	WNW	2	c	29.46	-19	37	36	-4	NW	5	r	5	44	33	r, c	0.0	0.18	
	Wick...	29.21	32	W	2	c	29.38	+14	26	25	-4	W	1	bc	1	38	24	-	*	-	
	Nairn...	29.26	32	W	1	b	29.40	+13	30	29	+1	W	1	c	1	37	27	-	0.0	-	
	Aberdeen...	29.26	33	W	2	b	29.42	+09	26	25	-4	W	1	b	2	36	26	bc, b, m	2.6	-	
	Leith...	29.32	34	WSW	2	bc	29.43	+10	35	34	-1	W	2	c	*	39	31	b, bc	*	-	
	North Shields...	29.32	34	SW	3	c	29.40	00	34	32	0	W	2	c	2	39	28	c, r, s, c	*	0.01	
	Spurn Head...	29.36	38	W	4	b	29.40	-06	35	34	-1	WNW	4	cm	3	38	34	p, b	*	0.04	
	Yarmouth...	29.39	36	WSW	3	bc	29.40	-13	32	31	-2	WNW	4	bern	3	37	30	o, r, s, bc	*	0.10	
	Clacton-on-Sea...	29.46	?	W	2	?	29.47	-15	?	34	?	W	3	?	2	40	32	or, b, sp	0.0	0.16	
	Nottingham...	29.43	35	WSW	1	b	29.49	-03	36	35	+1	WNW	2	om	*	40	31	bm, s	0.9	0.19	
	Bath...	29.51	41	W	1	m	29.66	+09	38	35	0	WNW	6	bc	*	44	32	-	3.0	0.16	
	Oxford...	29.50	36	WSW	1	c	29.57	-02	36	33	+1	W	2	b	*	40	33	ors, bc, s	*	0.17	
	London (St. James' Park)	29.48	39	W	1	om	29.50	-11	38	35	+2	WNW	2	o	*	40	33	or, o, b, s	0.0	0.19	
GERMANY, &c.	The Scaw (Skagen)	29.36	33	E	5	S	29.34	-07	32	31	0	E	4	S	1	36	32	*	*	0.08	
	Fanö...	29.30	32	E	2	bc	29.28	+07	31	31	-1	NE	2	c	*	34	30	*	*	-	
	Cuxhaven...	29.32	37	W	2	o	29.26	+08	34	33	-1	S	1	f	*	39	34	o, r	*	0.32	
	The Helder...	29.42	33	WSW	1	S	29.32	-11	41	39	-2	NW	4	o	4	43	32	*	*	0.55	
	Brussels...	*	*	*	*	*	29.47	-26	32	32	-2	SW	1	o	*	38	31	*	*	-	
	Berlin...	29.44	36	SW	4	o	29.41	-11	31	31	-3	SE	2	c	*	37	30	*	*	0.08	
	Frankfurt...	29.56	37	SW	3	o	29.43	-30	36	35	-1	SW	3	c	*	39	34	*	*	0.08	
	Munich...	29.76	27	S	4	b	29.50	-39	33	33	-1	SW	3	o	*	36	25	*	*	0.08	
FRANCE.	C. Gris Nez...	29.84	48	WNW	5	o	29.47	-24	39	38	-3	W	5	r	5	48	39	*	*	0.47	
	Brest...	29.58	50	SW	4	r	29.82	+09	50	48	+1	NW	7	o	7	52	45	*	*	0.43	
	Lorient...	29.65	48	W	3	r	29.89	+15	46	44	-6	NW	5	c	7	54	43	*	*	0.67	
	Rochefort...																	*	*	-	
	Biarritz...																	*	*	-	
	Paris...	29.57	37	SSW	2	o	29.59	-32	36	36	+1	WSW	3	r	*	40	35	*	*	0.28	
	Belfort...	29.71	32	W	3	S	29.56	-40	32	32	-2	WSW	3	S	*	40	32	*	*	0.28	
	Lyons...	29.83	35	S	3	r	29.71	-44	39	38	+3	NW	3	o	*	39	32	*	*	0.63	
Nice...	29.83	39	SW	4	r	29.43	-49	45	40	+2	ESE	1	b	1	52	37	*	*	0.04		
Perpignan...	29.88	60	NW	6	b	29.86	-34	50	49	+2	NW	5	r	*	67	48	*	*	0.20		
SPAN. PEN.	Corunna...																	*	*	-	
	Lisbon...	30.59	54	WNW	1	o	30.56	00	55	54	+5	WNW	3	o	*	57	54	*	*	-	
	Azores (P. Delgada)...	30.66	60	SSE	1	m	30.64	+01	60	54	+2	SSE	4	o	3	64	57	*	*	0.08	
" (Horta)...	30.63	61	SSW	4	b	30.60	-02	61	58	+1	S	4	o	2	64	60	*	*	-		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR FRIDAY, 14TH DECEMBER, 1906.

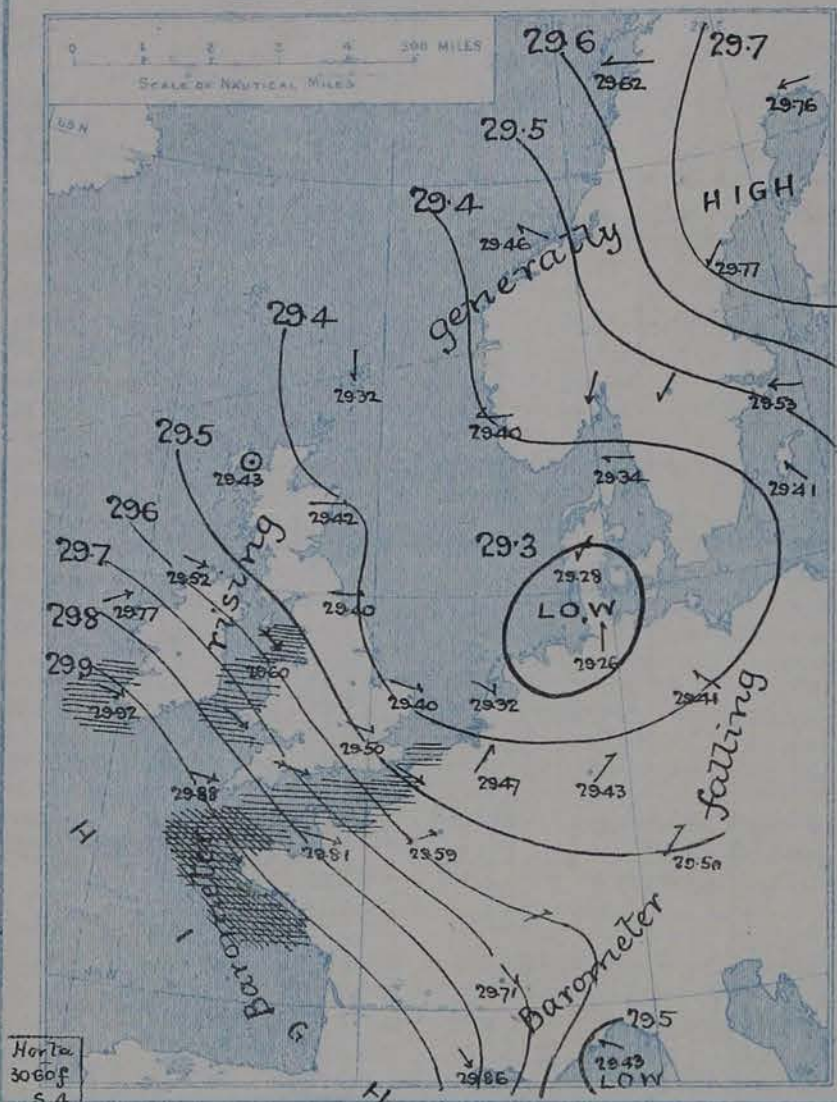
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 >>> Force 5 to 7 >>> } Calm ☉
Force 8 to 10 >>> Force 1 to 4 >>> }

SEA.—Rough High

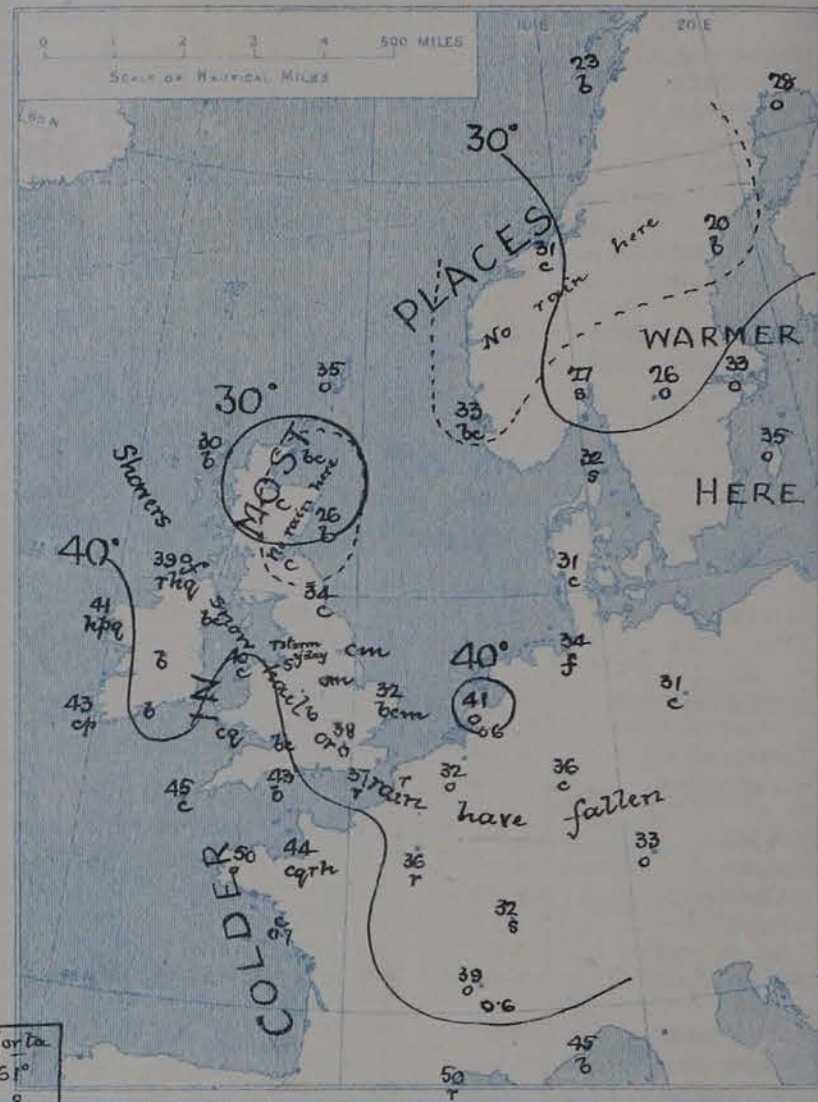


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. RAINFALL IN 1906.

Total Amount recorded in various districts of the United Kingdom in the 49 weeks ended Saturday 8TH DECEMBER, with the percentage of the average amount for the corresponding period.



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period DECEMBER.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The region of highest pressure is still found over Southwestern Europe, the barometer at Lisbon standing at 30.56 ins. Northwestern Europe generally is under the influence of a depression having its central space over the southeastern quarter of the North Sea, where the mercury is below 29.3 ins. The gradient is moderately steep over our western and southwestern districts and France, slight elsewhere.

WIND

TEMPERATURE

WEATHER

AND

SEA

N.W.^s to W.^s winds prevail over these Islands and France, S.W.^s in Germany, and S.E.^s and N.E.^s over the Scandinavian region. The N.W.^s current in our western and southern districts and in France is strong to a gale in force, elsewhere light or moderate breezes prevail, in Scotland light airs. Temperature has changed irregularly at home and abroad. The present values range from 26° and 30° over the north of Scotland to 44° at Jersey, and 45° at Scilly; in Scandinavia from 20° at Helsingfors, and 23° at Bodø to 35° at Wisby; and over Western Europe from 31° at Berlin, and 32° at Belfort and Brussels to 50° at Brest, and 55° at Lisbon. The weather is fair or fine over Scotland, but elsewhere it is generally cloudy or overcast, misty in several localities, foggy at the mouth of the Elbe, and rain, hail or snow is falling in isolated situations. There is a high sea running on the Bay of Biscay, and it is rough or rather rough along the English Channel and the western coasts, moderate to smooth elsewhere.

During yesterday temperature rose to 51° at Jersey, and 49° at Scilly and Worthing, but in many places the maxima were 40° and under, only 36° at Aberdeen and Skegness. Frost occurred in the night in the north and east, a shade temperature of 24° being registered at Wick; at Oxford the grass temperature was 23°, and in London 22°. A thunderstorm was experienced at Liverpool. As a rule there was little or no sunshine, but Southport reports 3.5 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the Low Countries is passing E.^{wd.}, but for a time strong N.W.^s winds and gales will affect our southern and western coasts, later moderating and backing again, as there is already a tendency for the wind to draw into the S.W. in Ireland. Unsettled weather is likely to continue generally.

FORECASTS*

For the 24 hours ending at NOON on 15th December, 1906.

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	{ Light or moderate N.W. ^s and W. ^s breezes; changeable, some rain or snow; cold.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	{ Moderate or fresh N.W. ^s and W. ^s breezes; changeable, some rain or snow; cold.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	{ N.W. winds, a gale on coast, moderating later and backing; changeable, some rain or snow; cold.

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	{ Fresh or strong N.W. ^s to W. ^s winds; changeable, some rain or snow; cold.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	{ N.W. ^s strong winds and gales, moderating and backing later; changeable, rain, hail or snow; cold.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	{ Moderate to fresh or strong N.W. ^s winds, back- ing later; changeable, some rain and hail. cold.
WARNINGS		{ At 9.30 a.m. to-day to Districts 5 and 7 to 9, "Hoist North Cone."

Note: The South Cone, point downwards (⏚), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⏚), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

14TH DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	42	33	t, osp, d, c	2.9	0.18	Eastbourne, to 6 p.m. ...	43	36	*	0.0	0.26
Southport, to 9 p.m. ...	43	32	or, c, os, b	3.5	0.34	Bexhill-on-Sea, to 9 p.m. ...	43	38	d, m	0.0	—
Rhyl, to 6 p.m. ...	42	34	?	2.5	0.12	Hastings ...	*	*	*	—	*
Llandudno, to 9 p.m. ...	43	35	b, c, p	3.0	0.23	Folkestone, to 6 p.m. ...	40	31	o, t, d, o	0.0	0.18
Bettws-y-Coed, to 6 p.m. ...	41	34	cp, b	1.4	0.45	Broadstairs, ...	*	*	*	—	*
Towyn, to 6 p.m. ...	44	38	h, t, o	0.1	0.18	Margate, to 6 p.m. ...	40	33	?	0.0	0.02
Aberystwyth, to 6 p.m. ...	45	38	t, c	1.5	0.12	Lowestoft, to 6 p.m. ...	38	33	b, c, or, c, b	1.3	0.05
Plymouth, to 9 p.m. ...	47	39	op, b, c, p	0.0	0.29	Skegness ...	36	31	s, t, b, c, b	0.9	0.05
Torquay, to 6 p.m. ...	47	37	*	0.4	0.23	Scarborough, to 6 p.m. ...	39	33	*	0.0	0.26
Bournemouth, to 6 p.m. ...	45	36	*	2.7	0.21	Harrogate, to 6 p.m. ...	39	31	o, b, c, s	3.0	0.07
Bognor, ...	*	*	cp	0.8	*	Darwen, to 9 p.m. ...	37	31	om, sh, v, b, c	0.1	0.45
Worthing ...	49	33	o, t, o, c	0.8	0.09	Manchester, to 9 p.m. ...	41	33	or, s, b, c	1.0	0.26
Brighton ...	42	35	*	0.0	0.15	Birmingham, to 9 p.m. ...	41	33	op, b	2.1	0.01

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

STATIONS 13 th Decr. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 13 th Decr. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	36	32	o, s	0.12	Algiers ...	66	52	b, c, b, c	—
Utrecht ...	46	36	t, c	0.20	Tunis ...	57	45	c, b, c	—
Groningen ...	43	34	o, t	0.32	Madeira (Funchal) ...	not recd.			
Vienna ...	45	39	m, o	0.16	Geneva ...	41	*	1 p.m.	Measured 7 a.m.
Florence ...	43	37	o, o	0.83	Berne ...	37	*	0	0.12
Rome ...	50	44	t, o	0.35	Coire ...	36	*	0	0.12
Naples ...	52	38	b, o	0.47	Castasegna ...	not recd.			
Palermo ...	59	40	b, o	—	Lugano ...	46	*	b	—
Brindisi ...	46	35	b, b	—	Davos ...	32	*	0	0.49
Malta ...	57	53	o	0.04					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
{ Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

14 th Decr. 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	7.59	11.48	3.36
Greenwich ...	8.0	11.55	3.49
Wick ...	8.57	12.7	3.16
Valencia ...	8.44	12.36	4.27

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Saturday.

Meteorological Office, London.

15th December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.	
At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.	Min.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	29.91	33	SSE	2	o	30.05	+29	28	28	o	SSE	2	o	*	33	27	*	*	0.16	
	Hernösand...	29.91	14	Z	o	c	30.04	+27	21	21	+19	Z	o	c	*	21	1	*	*	-	
	Stockholm...	29.67	35	ESE	4	o	29.91	+38	32	31	-1	SE	2	bc	*	36	23	*	*	0.04	
	Wisby...	29.64	35	SE	4	b	29.86	+45	34	30	-1	SE	2	o	*	36	30	*	*	0.16	
	Karlstad...	29.52	33	ENE	2	o	29.83	+38	34	33	+8	NE	2	o	*	33	27	*	*	0.04	
	Færder (X'ania Fjord)	29.50	31	N	4	s	29.75	+32	33	32	+6	NNW	3	o	1	33	27	*	*	-	
	Bodö...	29.78	21	E	4	b	29.86	+24	25	23	+2	E	4	b	1	25	19	*	*	-	
	Christiansund...	29.64	32	SE	1	bc	29.77	+31	31	28	o	E	1	b	4	32	?	*	*	-	
Skudesnaes...	29.60	31	Z	o	b	29.78	+38	28	28	-5	Z	o	b	1	34	28	o, b	*	-		
BRITISH ISLANDS.	Sumburgh Head	29.54	39	NW	3	c	29.78	+46	33	32	-2	N	2	o	3	39	33	bc, c	*	0.08	
	Stornoway...	29.69	36	W	2	bc	29.84	+41	31	30	+1	Z	o	b	o	37	28	bc	0.8	0.03	
	Malin Head...	29.82	41	NW	5	crhgy	29.86	+34	38	37	-1	SW	3	c	3	42	36	bc, crhgy	*	0.08	
	Blacksod Pt.	29.97	42	WNW	3	cm	29.80	+03	39	38	-2	ESE	5	rm	4	43	36	bcqhp, c	*	0.41	
	Valencia...	30.05	45	WNW	2	o	29.89	-03	46	45	+3	SSE	3	rm	4	46	38	o, r	0.0	0.32	
	Roche's Point...	30.04	41	NW	3	o	29.94	+07	43	43	+5	S	5	dm	5	43	38	cq, o	*	0.30	
	Birr Castle...	29.98	37	W	3	b	29.93	+15	35	34	+3	S	3	of	*	39	31	b	4.5	0.17	
	Donaghadee...	29.82	37	WSW	2	b	29.93	+38	34	34	-2	WSW	2	c	2	39	33	b, bcp	*	-	
	Liverpool Obsy...	29.80	38	WNW	5	o	29.94	+41	37	36	+1	W	1	bc	2	41	35	rshg, o	*	0.22	
	Holyhead...	29.85	43	NW	8	bcqp	29.97	+37	41	40	+1	SW	1	c	1	43	38	c, bcqp	*	0.01	
	Pembroke (St. Ann's Rd.)	29.94	42	NW	6	c	30.01	+29	42	39	o	SW	2	rg	3	45	41	bcq, cq	4.4	0.02	
	Scilly (St. Mary's)	30.04	46	NW	5	c	30.04	+16	46	44	+1	SE	3	r	4	49	44	c, r	0.0	0.07	
	Jersey (St. Aubins)	29.99	44	NW	6	bcm	30.11	+30	44	41	o	W	1	om	1	48	42	crhgy, bc	3.8	0.07	
	Portland Bill	29.87	44	WNW	7	b	30.05	+41	43	41	o	NW	3	o	4	45	42	c, b	*	-	
	Dungeness...	29.70	36	NW	5	bc	29.99	+53	30	29	-7	WNW	2	bc	2	39	29	c, bc	1.0	-	
	Wick...	29.61	29	W	2	bc	29.84	+46	28	27	+2	NW	1	b	2	36	25	-	*	-	
Nairn...	29.71	33	W	1	o	29.87	+47	30	29	o	NW	1	b	1	36	27	-	0.8	0.07		
Aberdeen...	29.66	33	WNW	3	b	29.91	+49	31	29	+5	WSW	2	b	2	35	25	c, bc, b	2.6	-		
Leith...	29.71	34	WNW	2	b	29.94	+51	33	32	-2	WNW	1	b	*	40	32	b	*	-		
North Shields...	29.68	33	WNW	3	c	29.93	+53	31	30	-3	W	2	bc	2	37	27	c	*	-		
Spurn Head...	29.65	37	NW	5	b	29.94	+54	34	33	-1	WNW	4	b	3	39	34	b	*	-		
Yarmouth...	29.59	36	WNW	5	b	29.93	+53	32	31	o	WNW	4	bm	4	37	31	b	*	-		
Clacton-on-Sea...	29.69	35	WNW	4	b	29.98	+51	30	29	?	WNW	2	bc	2	37	30	csp, bc	1.1	-		
Nottingham...	29.74	37	NW	1	b	29.99	+50	30	29	-6	WSW	1	f	*	39	29	bm, b	1.5	-		
Bath...	29.87	39	NW	3	b	30.06	+40	32	32	-6	WSW	1	m	*	42	31	-	5.2	-		
Oxford...	29.88	35	W	4	b	30.05	+48	34	32	-2	W	1	c	*	41	33	bcsp, cq	*	0.01		
London (St. James' Park)	29.77	36	WNW	2	bc	30.03	+53	33	32	-5	W	1	bcm	*	39	31	cqp, bc, b	0.7	-		
GERMANY, &c.	The Scaw (Skagen)	29.50	36	Z	o	o	29.71	+37	37	34	+5	NNW	1	c	o	36	32	*	*	0.16	
	Fanö...	29.63	25	NE	1	b	29.82	+54	27	27	-4	NE	1	b	*	34	21	*	*	-	
	Cuxhaven...	29.45	35	E	2	o	29.84	+58	34	33	o	N	2	b	*	36	34	*	*	0.04	
	The Helder...	29.46	43	NW	7	c	29.89	+57	37	37	-4	NW	1	bc	2	45	37	*	*	0.12	
	Brusseis...	*	*	*	*	*	29.92	+45	33	33	+1	NNW	1	b	*	37	32	*	*	0.12	
	Berlin...	29.45	34	SE	1	o	29.70	+29	28	27	-3	NW	3	o	*	36	27	*	*	-	
	Frankfurt...	29.75	35	SW	3	o	29.74	+31	35	34	-1	N	2	o	*	37	34	*	*	0.16	
	Munich...	29.58	31	W	2	o	29.72	+22	28	28	-5	W	7	s	*	34	27	*	*	-	
FRANCE.	C. Gris Nez...	29.76	39	WNW	5	o	29.97	+50	38	36	-1	NNW	4	bc	5	45	36	*	*	-	
	Brest...	30.06	46	WNW	6	bc	30.09	?	43	43	-7	Z	o	r	5	50	43	*	*	0.16	
	Lorient...	30.04	36	NW	5	o	30.09	+20	43	43	-3	N	2	r	5	50	43	*	*	0.06	
	Rocheport...	30.06	48	NW	5	o	30.15	+27	46	43	-4	NW	2	o	*	50	45	o	*	0.02	
	Biarritz...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
	Paris...	29.81	39	NW	3	b	30.01	+42	35	33	-1	NW	2	bc	*	44	33	*	*	0.08	
	Belfort...	29.56	32	WSW	7	s	29.90	+34	30	30	-2	WSW	6	s	*	33	30	*	*	0.32	
	Lyons...	29.88	34	NW	4	o	30.05	+34	34	31	-5	NW	1	o	*	44	33	*	*	0.12	
Nice...	29.46	43	N	6	b	29.65	+22	39	31	-6	N	6	b	6	54	37	*	*	-		
Perpignan...	29.98	47	NW	4	o	30.10	+24	44	40	-6	NW	3	o	*	55	41	*	*	0.24		
SPAN. PEN.	Corunna...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
	Lisbon...	30.48	57	NW	3	o	30.46	-10	56	53	+1	N	4	o	*	61	54	*	*	-	
	Azores (P. Delgada)...	30.50	62	SSE	5	o	30.38	-22	64	57	+3	SSE	5	o	4	64	61	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR SATURDAY, 15TH DECEMBER, 1906.

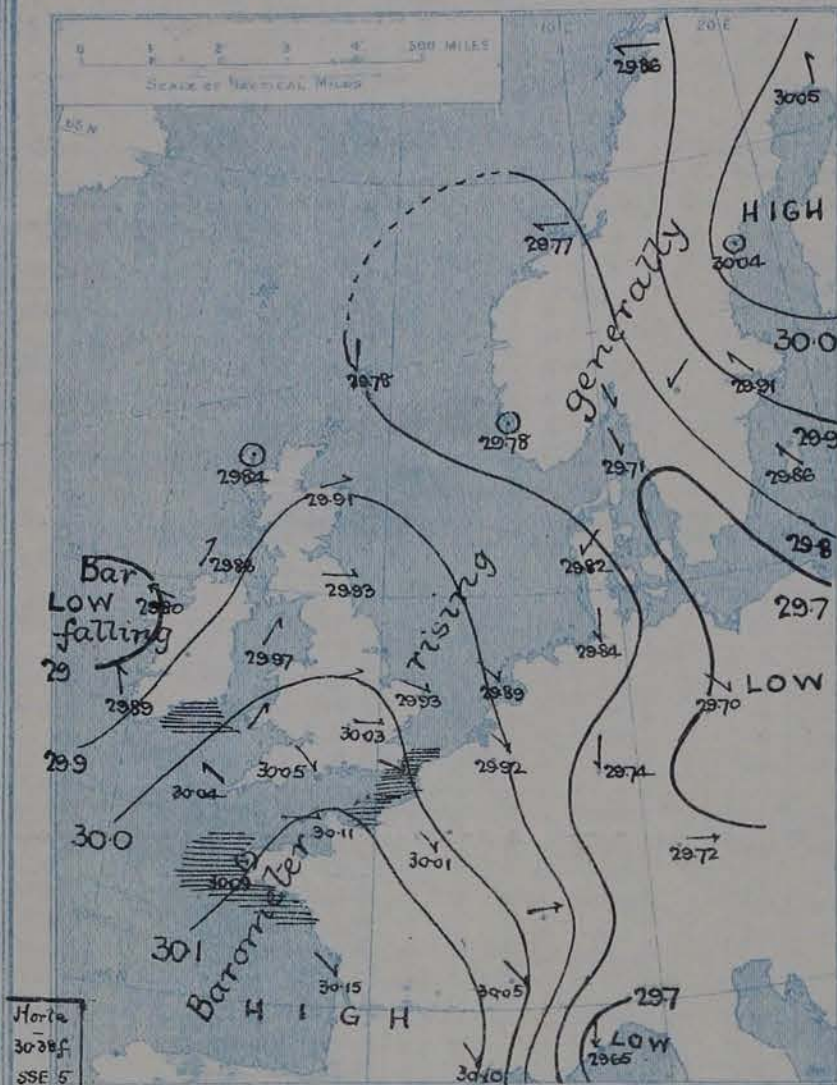
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ——— Force 5 to 7 ——— } Calm ☉
Force 8 to 10 ——— Force 1 to 4 ———

SEA.—Rough ——— High ———



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

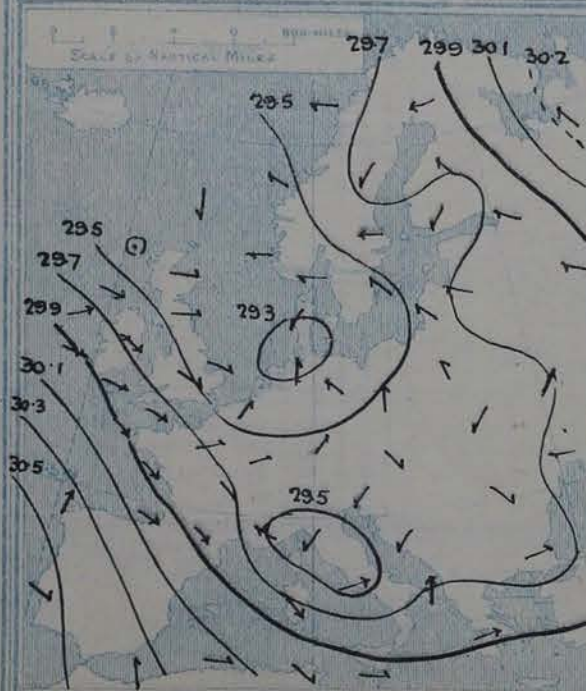
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. BRIGHT SUNSHINE IN 1906.

Total Duration recorded in various districts of the United Kingdom in the 49 weeks ended Saturday 8TH DECEMBER, with the percentage of the average duration for the corresponding period.



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period DECEMBER.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

In the course of the past 24 hours there has been a considerable increase of pressure over nearly the whole of the area under observation, an anticyclone spreading N^W from the Spanish region, and another spreading S.W^W from Northern Russia. In the former the barometer reads 30.46 ins. at Lisbon; in the latter it is above 30.0 ins. in the north of Sweden. In a small disturbance off Ireland the mercury is down to 29.80 ins. at Blackhead Point; in another on the Mediterranean it is 29.65 ins. at Nice. Gradients generally are slight.

WIND

TEMPERATURE

WEATHER

AND

SEA

SE^S to NE^S and N^S breezes are reported over Scandinavia and Denmark; NW^S to W^S over Scotland, England and the western portion of the Continent; SE^S to S.W^S in Ireland, Wales and at the mouth of the English Channel. The force is nearly everywhere light to moderate, but a fresh breeze is reported at Blackhead Point, Roche's Point and Harre, a strong wind in South Germany and the Vosges. Temperature has fallen in most regions. Several of the present readings at the British stations are from 28° to 32°, but both at Scilly and Valerica the thermometer stands at 46°.

Over Scandinavia the readings range from 21° at Hernösand, and 25° at Bodö to 34° at Karlstad and Wisby; over Western Europe from 28° at Berlin and Munich to 44° at Perpignan, and 56° at Lisbon. Fair or fine clear weather is reported over the greater part of Britain, the northeast of France, the Low Countries and Norway, elsewhere it is mostly very cloudy or overcast. Rain is falling at all stations between the northwest of Ireland and Brittany, snow at Belfort and Munich. The sea is rather rough between Queenstown and the Bay of Biscay, moderate to very smooth in all other localities.

Temperature rose during yesterday to 45° and upwards at some of the southwestern coast stations, to 49° at Scilly, but generally over the northern and eastern districts the maxima were below 40°; at Aberdeen, Lowestoft and Darwen 35°. Frost occurred at several stations in the night, the shade minimum at Aberdeen and Wick being 25°; the grass minimum at Oxford was 26°; and in London 19°. The duration of bright sunshine varied largely; Scilly and Darwen had none, Worthing and Eastbourne 6.5 hours, and Bognor 7.2 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

An anticyclone is spreading W^W and S.W^W from Northern Russia, and the barometer over nearly the whole of the British Isles maintains an upward tendency. It seems probable, therefore, that the new disturbance beyond Ireland will pass N^W, and only affect our northwestern coasts to a limited extent, so that a general improvement will take place in the western districts later.

FORECASTS*

For the 24 hours ending at NOON on 16th December, 1906.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Light N ^S to W ^S and variable breezes; generally fair or fine, some showers in west; cold.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Light N.W ^S and W ^S breezes; generally fair or fine, mist or fog locally; cold.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	S.W ^S to W ^S breezes, fresh at times; some rain at first, fairer later, with local mist or fog; cold.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S ^S to W ^S breezes, fresh at times; gloomy and rainy at first, improving later; cold.
9	IRELAND NORTH	
10	IRELAND SOUTH	
WARNINGS		At 10.15 am. today to Districts 5 and 7 to 9 "Lower Cone".

Note.—The South Cone, point downwards (⌋), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌋), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

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.			
Blackpool, to 9 p.m. ...	41	34	7. c, q, p, h, c	0.9	0.29	Eastbourne, to 6 p.m. ...	42	34	*	6.5	0.05
Southport, to 9 p.m. ...	41	35	or. q, p, h, c, b	1.1	0.21	Bexhill-on-Sea, to 9 p.m. ...	41	33	b, r, v	4.5	0.37
Rhyl, to 6 p.m. ...	42	35	?	4.0	0.16	Hastings ...	*	*	*	3.6	*
Llandudno, to 9 p.m. ...	42	35	c, p, h	0.6	0.08	Folkestone, to 6 p.m. ...	37	32	sd, o, b	1.1	0.12
Bettws-y-Coed, to 6 p.m. ...	41	33	?	0.5	0.18	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	43	39	c, p, c	2.7	0.08	Margate, to 6 p.m. ...	39	32	s, r, b, o	0.3	0.13
Aberystwyth, to 6 p.m. ...	45	39	o, c	4.0	0.03	Lowestoft, to 6 p.m. ...	35	29		2.5	-
Plymouth, to 9 p.m. ...	46	39	b, c, p, r, h, q, b, c	3.7	0.09	Skegness ...	38	31	s, b, c, b	3.4	0.01
Torquay, to 6 p.m. ...	47	37	*	5.3	0.09	Scarborough, to 6 p.m. ...	38	33	*	2.3	-
Bournemouth, to 6 p.m. ...	43	36	*	6.0	0.03	Harrogate, to 6 p.m. ...	37	29	b, c	4.9	0.01
Bognor, ...	*	*	b	7.2	*	Darwen, to 9 p.m. ...	35	30	om, sh, b, c	0.0	?
Worthing ...	42	33	or, b	6.5	0.26	Manchester, to 9 p.m. ...	39	35	c	1.0	-
Brighton ...	41	34	*	5.8	0.09	Birmingham, to 9 p.m. ...	36	33	s, c, b	0.4	0.25

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

STATIONS 14 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 14 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	36	32	s, s	0.24	Algiers ...	66	54	b, c, b, c	-
Utrecht ...	43	34	r, c	0.08	Tunis ...	57	46	c, o	-
Groningen ...	43	32	o, o	0.32	Madeira (Funchal) ...	not recd.			
Vienna ...	44	25	c, f	-	Geneva ...	37	*	1 p.m.	Measured
Florence ...	57	40	r, b	0.79	Berne ...	36	*	0	0.24
Rome ...	55	46	o, r	0.71	Coire ...	34	*	0	0.32
Naples ...	54	47	b, c, r	0.08	Castasegna ...	39	*	0	0.20
Palermo ...	not recd.				Lugano ...	46	*	0	0.04
Brindisi ...	45	34	r, r	0.20	Davos ...	23	*	s	0.16
Malta ...	61	54	o	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	15 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.*	Yarmouth ...	8.0	11.48	3.36
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	8.1	11.55	3.49
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	8.58	12.7	3.16
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.45	12.36	4.27
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Sunday,

Meteorological Office, London.

16th December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Force (0 to 12.)	Temp.		Weather.	Sun- shine.	Rainfall.
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)				Max.	Min.			
		In.					In.														
SCANDINAVIA.																			Hours.		In.
Haparanda...		30.23	27	WSW	2	o	30.35	+30	24	24	-4	S	2	o			32	24			0.08
Hernösand...		30.22	30	Z	o	o	30.38	+34	29	28	+8	ESE	2	bc			30	?			-
Stockholm...		30.13	32	ENE	1	o	30.32	+41	32	31	o	ENE	2	o			36	30			-
Wisby...		30.63	33	E	4	o	30.22	+36	34	33	o	E	4	o			36	25			-
Karlstad...		30.12	31	ENE	2	o	30.36	+53	24	23	-10	E	2	b			*	*			0.12
Færder (X'ania Fjord)		30.06	35	E	2	o	30.30	+55	35	34	+2	NE	1	o			36	33			-
Bodö...		29.99	25	E	6	b	30.09	+23	29	27	+4	SE	4	c			29	23			-
Christiansund...		30.01	32	ESE	1	b	30.15	+38	29	27	-2	ESE	2	b			32	28			-
Skudesnaes...		30.07	32	ESE	2	b	30.20	+42	35	33	+7	SE	6	b			36	28			-
Sumburgh Head		29.93	35	Z	o	bc	29.76	-02	40	38	+7	S	5	r			40	30	b. bc		0.07
Stornoway...		29.81	40	W	3	o	29.67	-17	49	49	+18	W	4	r			49	31	bc. o	0.5	0.14
Malin Head...		29.71	37	SSW	5	tm	29.89	+03	50	50	+12	W	5	f			50	37	o. tm		0.33
Blacksod Pt. ...		29.82	51	WSW	3	tm	30.04	+24	51	51	+12	SSW	4	cm			52	37	tm		0.21
Valencia...		30.02	52	WSW	3	om	30.23	+34	52	50	+6	SW	2	cm			53	46	om	0.0	0.04
Roche's Point...		29.98	52	NNW	3	cm	30.18	+24	50	49	+7	WNW	2	o			54	43	f. cm		0.27
Birr Castle...		29.89	52	W	3	r	30.12	+19	52	51	+17	WSW	2	og			53	34	or. ts	0.0	0.50
Donaghadee...		30.01	41	SSW	2	r	29.94	+01	53	52	+19	WSW	2	o			53	34	r. o. cm		0.60
Liverpool Obsy...		30.04	37	S	2	s	30.03	+09	48	47	+11	W	3	o			48	35	orm. s		0.38
Holyhead...		29.95	40	S	3	rgm	30.04	+07	51	51	+10	W	4	c			51	39	rgm. o		0.77
Pembroke (St. Ann's Hd.)		29.97	43	SE	5	o	30.14	+13	52	50	+10	NW	4	og			53	40	or. ogf	0.0	0.25
Scilly (St. Mary's)...		30.04	47	WNW	6	tm	30.24	+20	47	45	+1	WNW	5	o			48	44	r. tm	0.0	0.19
Jersey (St. Aubins)...		30.12	43	SSE	2	orm	30.19	+08	47	47	+3	ESE	2	orf			48	42	o. orm	0.0	0.13
Portland Bill...		30.07	43	SE	3	r	30.10	+05	49	49	+6	WNW	3	cm			50	41	r		0.21
Dungeness...		30.09	34	WNW	1	o	30.18	+19	43	41	+13	S	3	r			43	28	o	3.0	0.03
Wick...		29.91	34	S	1	c	29.69	-15	40	39	+12	S	4	o			45	27	-		0.20
Nairn...		29.91	29	Z	o	o	29.75	-12	43	42	+13	W	1	c			44	25	-	3.8	0.14
Aberdeen...		29.98	30	WSW	2	m	29.90	-01	40	40	+9	SSW	3	r			41	28	bm. cor	4.3	0.18
Leith...		29.96	30	Z	o	o	29.91	-03	37	37	+4	Z	o	r			39	28	bc. ort		0.16
North Shields...		30.03	33	W	1	m	30.00	+07	35	35	+4	S	3	rs			38	27	cm. ts		0.30
Spurn Head...		30.05	35	WSW	1	bm	30.07	+13	35	35	+1	SSE	4	tm			38	34	bm. tm		0.15
Yarmouth...		30.05	33	WNW	3	bf	30.16	+23	35	33	+3	SW	3	om			37	30	b. bf		-
Clacton-on-Sea...		30.09	31	NW	2	m	30.21	+23	36	35	+6	Z	o	r			37	29	bc. m. r	4.0	0.03
Nottingham...		30.07	30	WSW	1	om	30.07	+08	36	35	+6	SSW	1	rm			36	30	cm. om	0.0	0.37
Bath...		30.10	39	W	1	r	30.13	+07	43	43	+11	WNW	1	m			44	32	-	0.0	0.30
Oxford...		30.12	38	SW	1	o	30.13	+08	41	40	+7	SSE	2	r			41	33	c. o. rgm		0.26
London (St. James' Park)		30.08	34	Z	o	om	30.16	+13	39	38	+6	Z	o	or			39	33	om. or	0.0	0.23
The Scaw (Skagen)		30.04	36	SE	1	b	30.27	+56	35	33	-2	E	1	b			37	34			-
Fanö...		30.08	25	NE	1	b	30.24	+42	25	25	-2	NE	1	b			36	23			-
Cuxhaven...		29.97	35	W	2	b	30.21	+37	33	32	-1	NE	1	b			37	32			-
The Helder...		30.07	37	Z	o	b	30.23	+34	38	37	+1	Z	o	b			41	37			-
Brussels...							30.26	+34	30	30	-3	SSW	1	b			39	29			-
Berlin...		29.86	33	NW	3	s	30.07	+37	32	32	+4	Z	o	s			34	28			0.20
Frankfurt...		30.10	31	NW	3	b	30.19	+45	33	30	-2	W	3	o			37	31			-
Munich...		30.03	28	NW	4	o	30.17	+45	25	25	-3	W	6	s			30	25			-
C. Gris Nez...		30.08	38	NW	1	o	30.16	+19	37	35	-1	S	2	o			?	36			-
Brest...		30.05	49	NW	5	r	30.23	+14	53	51	+10	NW	5	o			53	41			0.35
Lorient...		30.09	45	S	4	r	30.25	+16	52	51	+9	NW	5	o			52	43			0.28
Rochefort...		30.17	41	S	1	r	30.25	+10	40	40	-6	S	3	r			50	37	o. r		0.24
Biarritz...																					-
Paris...		30.16	32	SSW	1	b	30.28	+27	29	29	-6	SSW	1	b			41	28			-
Belfort...		30.04	31	W	4	o	30.29	+39	23	22	-7	E	2	m			32	23			0.12
Lyons...		30.15	36	WNW	3	o	30.27	+22	33	32	-1	N	1	b			40	32			0.43
Nice...		29.75	42	NE	5	b	29.88	+23	42	31	+3	NE	2	b			57	34			-
Perpignan...		30.14	42	NW	4	o	30.17	+07	42	39	-2	NW	3	o			45	39			0.04
Corunna...		30.45	54	W	5	f	30.53	+12	54	52	-3	NW	1	f			57	54			0.08
Lisbon...		30.40	55	NNW	4	b	30.36	-10	52	49	-4	NNW	4	b			61	50			-
Azores (P. Delgada)...		30.30	62	SSE	5	bc	30.20	-25	63	58	+1	SSE	5	bc			64	59			-
,, (Horta)...		30.18	64	SSE	6	bc	30.07	-31	63	60	-1	S	6	p			66	59			0.32

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + 0.3 in., but for Sumburgh Head + 0.4 in.; for stations South of Malin Head and North Shields + 0.2 in., but for Scilly and Jersey + 0.1 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR SUNDAY, 16TH DECEMBER, 1906.

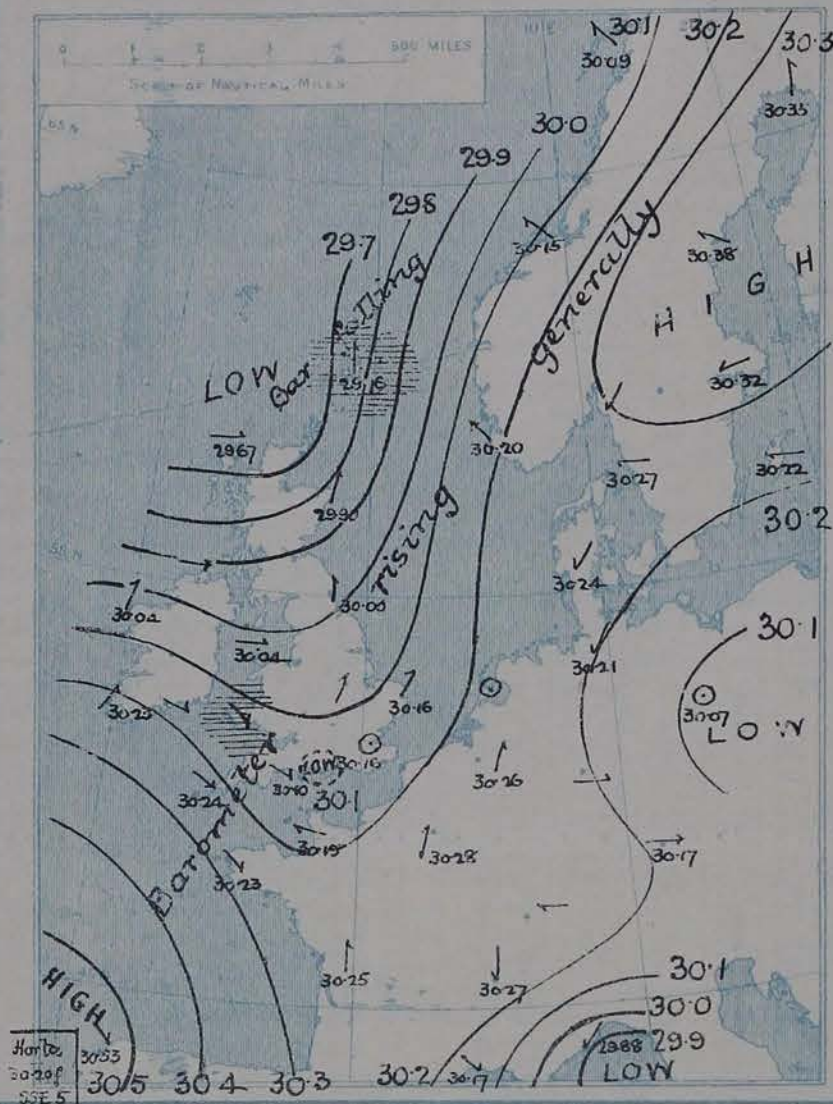
I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER—Isobars are drawn for each tenth of an inch

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 6 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 →

SEA—Rough High

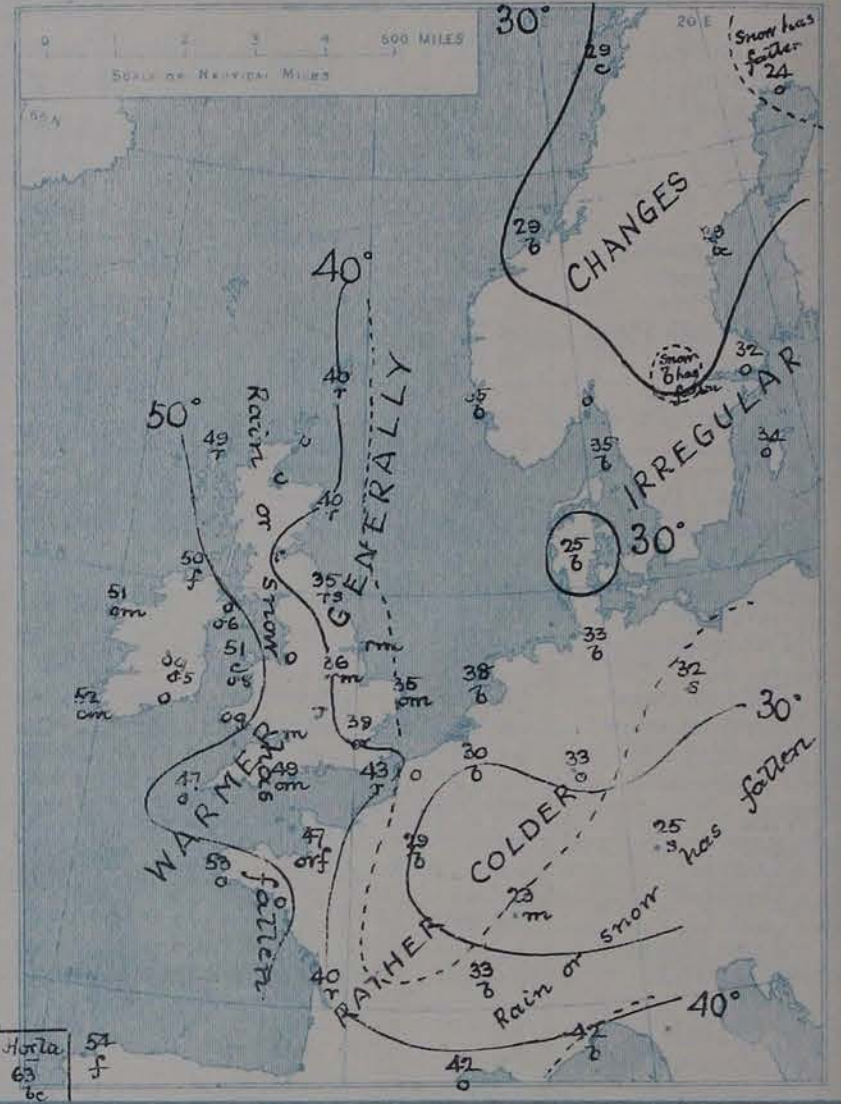


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°

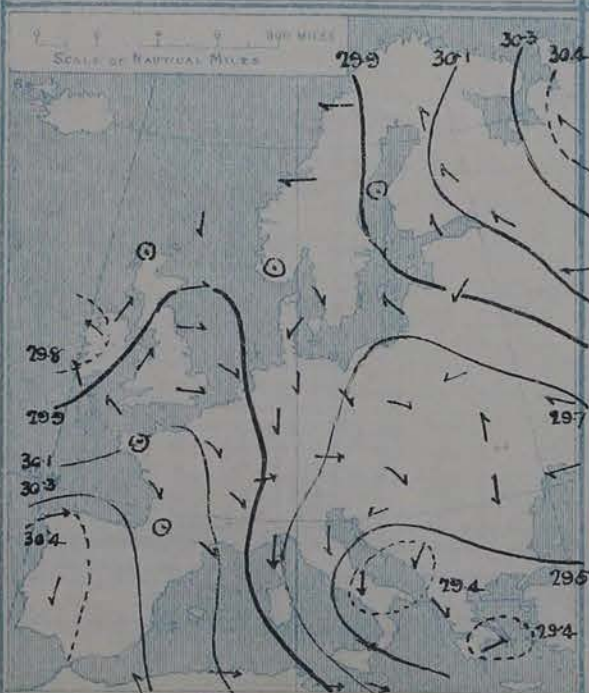
WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the 49 weeks ended Saturday, 8TH DEC. with the percentage of the average for the corresponding period.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period DECEMBER.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer has continued to rise in nearly all parts of England, Ireland, and also over the western countries of the Continent, while it has fallen somewhat in Scotland. The readings are now highest, 30.5 ins. and above, in an anticyclone extending from the ocean to the northwest of Spain, but it is as high as 30.3 ins. and above over Sweden. The lowest readings, 29.7 ins. and less, are found over the north of Scotland, and relatively low pressures are also shown over Germany and the Gulf of Genoa. A very shallow minimum which arrived from the westward and still has great influence on the weather over England is shown by the isobars to exist near Portland Bill.

WIND

The wind varies locally, but its general direction over these Islands and the adjacent part of the Continent is southerly or southeasterly. It blows freshly at one or two of our most exposed stations in the north and northwest, and strongly at Skudesnaes, but as a whole it is light.

TEMPERATURE

The temperature has risen over these Islands and Brittany, fallen in most other regions. It is below 40° in the east and southeast of England, but above 50° in Ireland and Wales. The Continental values range from 54° at Gorunna to 42° at Nice, 29° at Paris, and to 24° at Karlstad and Haparanda.

WEATHER

The weather is overcast in almost all parts of our area except the southeast of France, the Netherlands, and Denmark. Snow is falling both at Berlin and Munich, sleet at North Shields, and rain in many other parts of Great Britain. The sea is rather rough at Pembroke, rough at Lumburgh Head, and high at Gorunna; elsewhere it is moderate to smooth.

AND

SEA

The maximum temperatures recorded during the past twenty-four hours were below 40° in many places over the eastern half of England, but above 45° in several other regions, and above 50° at some of our western and southwestern stations. Rain has fallen very generally over the United Kingdom, the largest amount being 0.77 in. at Holyhead. Various quantities of rain or snow were experienced on the Continent. Bright sunshine was deficient over the country as a whole, but some stations in the east and northeast recorded between three and four hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 17TH DECEMBER, 1906.

DISTRICTS.

- 0 SCOTLAND NORTH
- 1 SCOTLAND EAST
- 2 ENGLAND N.E.
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH

FORECASTS.

None issued.

DISTRICTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

WARNINGS

FORECASTS.

None issued.

NONE ISSUED.

Note—The South Cone, point downwards (∩), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∪), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

16th December, 1906

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.			
Blackpool, to 9 p.m. ...	41	31	c,om,ot	0.0	0.01	Eastbourne, to 6 p.m. ...			*		
Southport, to 9 p.m. ...	41	32	b,ot	0.0	0.01	Bexhill-on-Sea, to 9 p.m.					
Rhyl, to 6 p.m. ...	41	35	o,be,o	0.0	0.06	Hastings ...	*	*	*	2.0	*
Llandudno, to 9 p.m. ...	42	38	b,op	0.0	0.10	Folkestone, to 6 p.m. ...	38	24	o,be,b,o	4.7	-
Bettws-y-Coed, to 6 p.m.	53	37	cp,c,o	0.0	0.38	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	41	37	m,ot,o	0.0	0.14	Margate, to 6 p.m. ...	40	34	b,o	2.2	-
Aberystwyth, to 6 p.m. ...	50	38	ot	0.0	0.38	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	45	36	ot,od	0.0	0.38	Skegness ...	36	27	be,b	4.8	-
Torquay, to 6 p.m. ...			*			Scarborough, to 6 p.m. ...			*		
Bournemouth, to 6 p.m. ...	42	36	*	0.0	-	Harrogate, to 6 p.m. ...	37	28	b,bm	1.4	-
Bognor, ...	*	*	c	0.1	*	Darwen, to 9 p.m. ...					
Worthing ...	40	32	o,c,cm	0.2	-	Manchester, to 9 p.m. ...	37	?	c,b,o	0.0	0.01
Brighton ...			*			Birmingham, to 9 p.m. ...	37	32	o	0.0	-

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

STATIONS 15 th Dec ^r 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 15 th Dec ^r 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	32	19	t,o	0.04	Algiers ...	66	59	be,o	-
Utrecht ...	39	30	c,m	0.20	Tunis ...	63	45	m,m	0.16
Groningen ...	36	30	b,m	-	Madeira (Funchal) ...	Not rec ^d			
Vienna ...	36	25	be,be	-					
Florence ...	47	38	o,o	-	Geneva ...	39	*	be	Measured 7 a.m.
Rome ...	56	41	o,o	0.12	Berne ...	34	*	s	0.39
Naples ...	56	40	c,be	0.08	Coire ...	32	*	s	0.24
Palermo ...	61	44	be,t	0.04	Castasegna ...	34	*	be	0.08
Brindisi ...	54	40	o,o	-	Lugano ...	39	*	be	-
Malta ...	62	50	t	0.20	Davos ...	25	*	s	0.04

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	16 th Dec ^r 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	8.1	11.49	3.26
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	8.2	11.56	3.49
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	9.0	12.8	3.15
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.46	12.37	4.27
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Monday,

Meteorological Office, London.

17th December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather.	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.	Weather.	Sun. shine.	Rainfall.
		Ins.					Ins.	Ins.												Hours.	Ins.
SCANDINAVIA.	Haparanda...	30.53	28	S	2	S	30.46	+11	24	24	0	S	2	0	x		28	21	*	*	0.08
	Hernösand...	30.50	32	Z	0	0	30.43	+05	29	29	0	SSW	2	0	*		32	27	*	*	-
	Stockholm...	30.45	30	N	2	0	30.46	+14	30	29	-2	N	2	0	*		32	28	*	*	-
	Wisby...	30.30	34	E	4	0	30.36	+14	32	30	-2	E	2	0	*		36	28	*	*	-
	Karlstad...	30.48	26	ENE	2	0	30.50	+14	27	26	+3	E	2	0	*		*	*	*	*	-
	Färder (X'ania Fjord)	30.45	33	ENE	1	0	30.43	+13	37	35	+2	S	2	0	1		37	32	*	*	-
	Bodö...	30.20	30	E	4	0	29.84	-25	34	33	+5	ESE	6	5	2		34	28	*	*	-
	Christiansund...	30.06	37	S	1	0	29.88	-27	45	42	+16	SW	1	0	5		45	28	*	*	-
	Skudesnaes...	30.28	39	SSE	8	0	30.29	+09	39	39	+4	SSE	8	0	5		39	34	C.O.	*	-
BRITISH ISLANDS.	Sumburgh Head	29.76	47	SW	5	r	29.90	+14	49	48	+9	SW	4	0	6		49	39	r	*	0.45
	Stornoway...	29.81	51	N	5	0	29.90	+23	52	52	+3	N	2	0	2		52	45	0	0.0	0.08
	Malin Head...	30.01	51	WSW	5	c	30.09	+20	50	50	0	SSW	3	0	4		51	49	bc.c	*	-
	Blacksod Pt.	30.11	52	SSW	6	ogm	30.15	+11	52	51	+1	SSW	6	ogm	4		53	50	c.ogm	*	0.01
	Valencia...	30.29	51	SSW	3	op	30.31	+08	52	50	0	S	3	0	4		53	50	0.op	0.0	-
	Roche's Point...	30.30	50	W	2	0	30.36	+18	50	49	0	SW	3	og	3		53	49	c.og.0	*	-
	Birr Castle...	30.23	51	W	2	0	30.28	+16	50	48	-2	SW	2	0	*		53	47	c.0	2.4	-
	Donaghadee...	30.14	51	WSW	2	c	30.24	+30	49	48	-4	SSW	2	cg	1		55	46	bc.m.cg	*	-
	Liverpool Obsy...	30.19	48	W	6	0	30.32	+29	48	46	0	WSW	3	0	2		50	47	dm.0	*	0.03
	Holyhead...	30.21	51	W	3	cm	30.30	+26	50	50	-1	WSW	3	0	2		52	49	c.cm	*	-
	Pembroke (St. Ann's Hd.)	30.27	51	W	3	0	30.38	+24	50	49	-2	SW	3	cg	4		55	49	og.cg	0.1	-
	Scilly (St. Mary's)	30.34	51	WNW	5	c	30.44	+20	49	46	+2	WNW	3	cp	3		53	44	c	2.9	0.04
	Jersey (St. Aubins)	30.32	52	WNW	2	ogm	30.42	+23	51	50	+4	NW	2	odm	2		53	47	om.og	0.0	0.03
	Portland Bill	30.23	52	WNW	2	0	30.39	+29	50	47	+1	WNW	3	0	3		56	48	c.0	*	-
	Dungeness...	30.25	42	S	4	r	30.35	+17	46	45	+3	SSW	2	r	1		46	41	r	0.0	0.31
	Wick...	29.82	44	SW	1	0	29.95	+26	48	47	+8	SW	1	c	1		48	39	-	*	0.05
	Nairn...	29.90	50	W	3	c	29.97	+22	52	49	+9	WNW	2	bc	2		53	42	-	0.0	0.02
	Aberdeen...	29.96	38	SE	1	m	30.08	+18	45	44	+5	SSW	3	bc	2		45	38	or.bc.m	0.0	0.17
	Leith...	30.03	50	WSW	3	0	30.16	+25	51	48	+14	WSW	2	0	*		51	36	odm.bc	*	0.02
	North Shields	30.11	38	SW	1	m	30.23	+23	45	44	+10	SW	1	cm	2		46	32	r.m	*	0.17
	Spurn Head	30.18	38	S	4	r	30.30	+23	45	43	+10	W	3	om	2		45	35	t.df	*	0.23
	Yarmouth...	30.21	39	SSW	3	od	30.30	+14	41	40	+6	SW	3	f	3		41	34	o.od	*	0.09
	Clacton-on-Sea	30.23	39	SSE	4	r	30.36	+15	40	40	+4	Z	0	f	0		41	36	or.f	0.0	0.33
	Nottingham...	30.20	43	W	1	om	30.34	+27	44	43	+8	WSW	1	om	*		44	36	df.om	0.0	0.21
	Bath...	30.26	50	NW	1	0	30.42	+29	46	45	+3	W	1	m	*		52	43	-	0.8	-
	Oxford...	30.29	47	Z	0	0	30.40	+27	46	45	+5	Z	0	0	*		50	40	odgm.f	*	0.09
	London (St. James' Park)	30.21	44	SW	1	odm	30.37	+21	44	44	+5	Z	0	gf	*		45	38	or.odm	0.0	0.27
GERMANY, & C.	The Scaw (Skagen)	30.43	36	Z	0	0	30.46	+19	36	34	+1	Z	0	c	0		36	34	*	*	-
	Fanö...	30.42	28	Z	0	0	30.46	+22	26	25	+1	E	1	0	*		30	25	*	*	-
	Cuxhaven...	30.38	35	NE	1	0	30.45	+24	30	29	-3	S	1	bc.m	*		37	28	*	*	-
	The Helder...	30.36	35	SSW	1	0	30.43	+20	33	33	-5	SSW	1	f	0		39	32	*	*	-
	Brussels...	*	*	*	*	*	30.45	+19	32	28	+2	SE	1	c	*		36	29	*	*	-
	Berlin...	30.28	33	NW	2	0	30.35	+28	33	32	+1	NW	4	0	*		34	30	*	*	-
	Frankfurt...	30.39	31	N	2	c	30.46	+27	30	28	-3	N	2	0	*		37	30	*	*	-
	Munich...	30.35	28	W	3	0	30.46	+29	27	27	+2	W	4	S	*		28	25	*	*	-
FRANCE.	C. Gris Nez...	30.32	38	S	2	r	30.39	+23	39	39	+2	SSE	3	f	3		43	37	*	*	0.08
	Brest...	30.36	52	NW	4	m	30.43	+20	50	46	-3	NW	2	c	3		53	46	*	*	-
	Lorient...	30.32	53	NNW	3	0	30.43	+18	50	48	-2	N	3	0	2		54	48	*	*	-
	Rochefort...	30.33	43	SE	2	r	30.43	+18	42	?	+2	SSE	2	0	*		45	40	*	*	0.12
	Biarritz...	30.38	55	NW	5	0	30.39		52	51		NNE	3	0	4		55	50	*	*	0.16
	Paris...	30.37	35	S	1	0	30.46	+18	34	33	+5	SSE	1	0	*		39	29	*	*	-
	Belfort...	30.34	27	W	2	m	30.46	+17	24	24	+1	ENE	4	f	*		33	19	*	*	-
	Lyons...	30.36	31	N	1	0	30.43	+16	28	26	-5	NE	1	0	*		38	27	*	*	-
SPAN. PEN.	Nice...	29.97	40	E	2	0	30.12	+24	36	28	-6	NE	1	0	*		52	34	*	*	-
	Perpignan...	30.21	44	NW	3	0	30.24	+07	45	38	+3	NW	4	bc	*		46	42	*	*	-
	Corunna...																				
SPAN. PEN.	Lisbon...	30.27	53	NW	2	0	30.26	-10	46	42	-7	NNW	5	0	*		61	45	*	*	-
	Azores (P. Delgada)...	30.16	63	SSE	4	bc	30.13	-07	62	60	-1	SSE	4	bc	5		64	59	*	*	0.04
	„ (Horta)...	30.04	63	SSE	5	0	30.05	-02	64	61	+1	SSE	5	0	3		64	61	*	*	0.04

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR MONDAY, 17th DECEMBER,

1906.

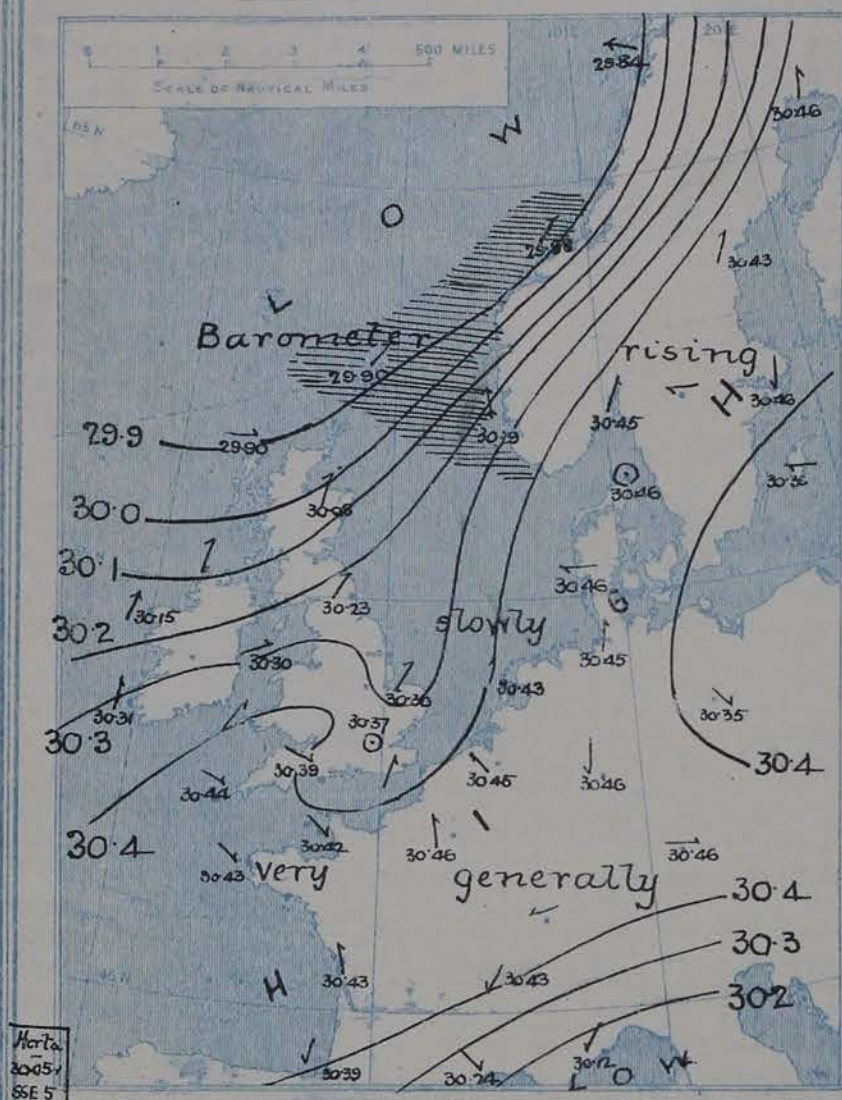
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 ——— Force 5 to 7 ——— } Calm ☉
Force 8 to 10 ——— Force 1 to 4 ———

SEA—Rough ——— High ———

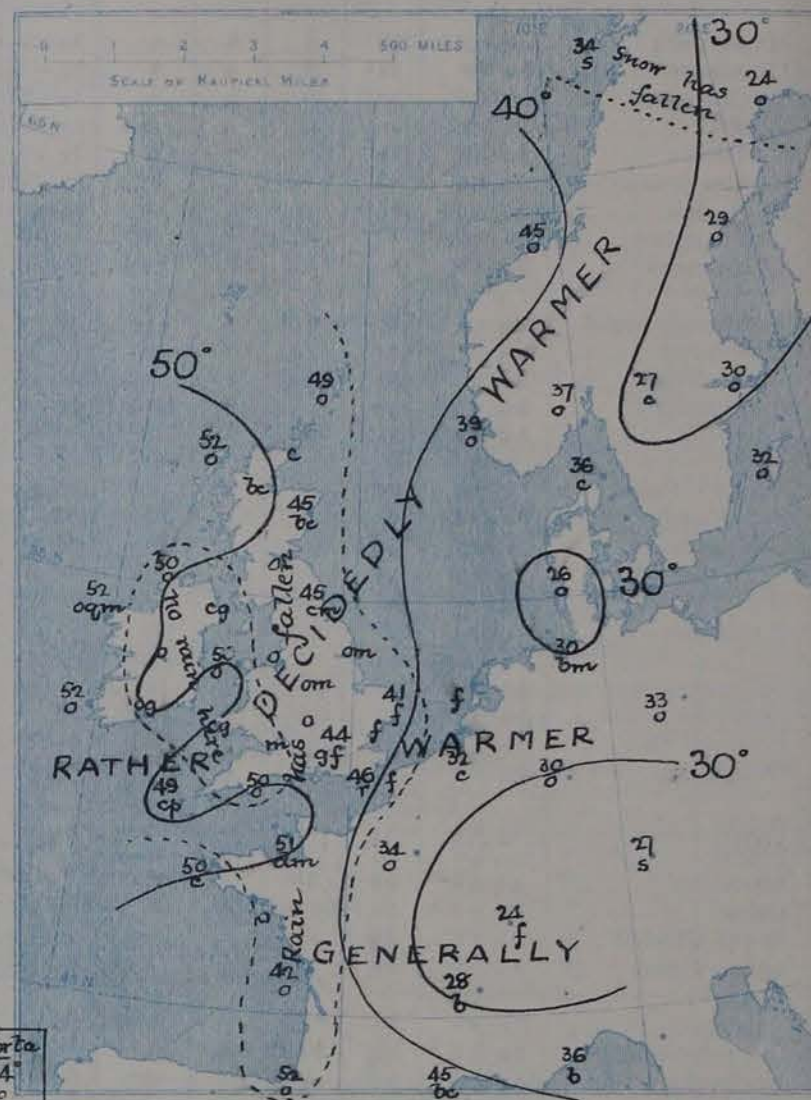


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 8th DECEMBER, with the percentage of the average for the corresponding week.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period DECEMBER.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 30.4 ins. and upwards, in a large area including the greater part of the Spanish Peninsula, France, and Germany, and extending across Denmark to Finland, while the lowest readings, 29.9 ins. and less, are found to the N.W. of our Islands and on the west coast of Norway. A very shallow depression of a "V"-shaped character is shown over the southeast of England.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind blows a fresh breeze from S.S.W. at Blackard Point, and a gale from S.S.E. on the southwest coast of Norway, while at Bodø there is a strong breeze from S.S.E. Over the United Kingdom and the northwestern countries of Europe generally the wind is light and mainly S.W.³ The temperature has risen rather decidedly in most parts of Great Britain, and also in Norway, changed little and rather irregularly elsewhere. It is now a little above 50° at some of our western and northern stations and as high as 44° in London; the lowest reading reported over our Islands is 40° at Blacton-on-Sea. Frost still prevails over the east of France, most parts of Germany, and in Sweden, the lowest temperatures being 24° at Haparanda and Belfort. The sky is cloudy or entirely overcast in nearly all parts of Northwestern and Western Europe; fog or mist prevails in several places in the southeast of England and over the nearer portions of the Continent, passing showers or steady rain are falling at Sully, Dungeness, and Jersey, and snow is prevalent at Munich and Bodø. The sea is rough off the west of Norway and the Shetlands, moderate to smooth elsewhere.

During yesterday the thermometer rose to 56° at Portland Bill, and to above 50° over our western and southwestern coasts generally. Rain was experienced at most stations in Great Britain, the largest measurements being 0.3 in. at Dungeness and Blacton-on-Sea, and the day over these Islands generally was very dull. At Birr Castle and Sully, however, there were between 2 and 3 hours of bright sunshine.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the barometer is still rising very generally, the distribution of pressure is favourable for the approach of cyclonic systems from the Wnd or S.W.nd. A continuance of rather mild weather, with winds from between S. and S.W. is, consequently, likely to be experienced over the United Kingdom.

FORECASTS*

For the 24 hours ending at NOON on 18th December, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S. ³ and S.W. ³ winds, light or moderate; changeable, some showers; mild.	6 SCOTLAND WEST	Same as Nos. 0 and 1.
1 SCOTLAND EAST		7 ENGLAND N.W.	Same as Nos. 2 to 5.
2 ENGLAND N.E.	Light winds, mainly between S. and W.; sky mostly cloudy or overcast; rather mild and damp air, with local mists or fogs.	8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	S ³ or S.W. ³ winds, fresh or strong on west coast; mild, some showers, fair at times.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	NONE ISSUED

Note.—The South Cone, point downwards (∩), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∪), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

11.40 a.m.

DAILY WEATHER REPORT.

17th DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	49	35	t.m.o	0.0	0.41	Eastbourne, to 6 p.m. ...	44	33	*	0.0	0.26
Southport, to 9 p.m. ...	48	35	m.f.o	0.0	0.37	Bexhill-on-Sea, to 9 p.m. ...	42	34	+	0.0	0.20
Rhyl, to 6 p.m. ...	51	37	o.t.o	0.0	0.32	Hastings ...	*	*	*	0.0	*
Llandudno, to 9 p.m. ...	51	37	op	0.0	0.36	Folkestone, to 6 p.m. ...	41	30	t.d	0.0	0.27
Bettws-y-Coed, to 6 p.m. ...	53	37	cp.c.o	0.0	0.38	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	50	37	t.o.p.o	0.0	0.35	Margate, to 6 p.m. ...	41	30	+	0.0	0.19
Aberystwyth, to 6 p.m. ...	51	41	t.o	0.0	0.05	Lowestoft, to 6 p.m. ...	40	29	bc, or	0.0	0.06
Plymouth, to 9 p.m. ...						Skegness ...	39	35	t.h	0.0	0.32
Torquay, to 6 p.m. ...	54	42	*	0.2	0.12	Scarborough, to 6 p.m. ...	36	33	*	0.0	0.22
Bournemouth, to 6 p.m. ...	53	38	*	0.6	0.43	Harrogate, to 6 p.m. ...	44	32	or, s.m	0.0	0.50
Bognor, ...	*	*	?	0.0	*	Darwen, to 9 p.m. ...					
Worthing ...	45	33	t.o	0.0	0.42	Manchester, to 9 p.m. ...	49	?	orm	0.0	0.41
Brighton ...	44	34	*	0.0	0.37	Birmingham, to 9 p.m. ...	51	33	t.o	0.3	0.29

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

STATIONS 16 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 16 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	Observations not recd.				Algiers ...	Observations not recd.			
Utrecht ...					Tunis ...				
Groningen ...					Madeira (Funchal) ...				
Vienna ...									
Florence ...					Geneva ...	32	*	0	0.24
Rome ...					Berne ...	30	*	5	0.28
Naples ...					Coire ...	28	*	5	0.55
Palermo ...					Castasegna ...	34	*	0	-
Brindisi ...					Lugano ...	45	*	6	-
Malta ...					Davos ...	19	*	5	0.63

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	17 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	8.2	11.49	3.36
Holland ...	7 a.m. (,, ,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	8.3	11.56	3.49
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	9.1	12.8	3.15
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.47	12.37	4.27
France ...	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris) ...	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Tuesday,

Meteorological Office, London.

18TH December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.	
				At 32° Fahr. and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12.)	At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.			Dirac.	Force (0 to 12.)				Max.
		Inch.	°				Inch.	Inch.	°	°	°					°	°		Hours.	Inch.	
SCANDINAVIA.	Haparanda...	30.27	26	S	6	S	30.01	-45	32	32	+8	SW	4	S	*	32	23	*	*	0.32	
	Hernösand ...	30.31	28	S	6	0	30.20	-23	32	32	+3	SSW	4	0	*	32	27	*	*	-	
	Stockholm ...	30.51	30	E	2	0	30.49	+03	31	31	+1	SW	2	0	*	31	27	*	*	0.04	
	Wisby...	30.45	31	SE	2	0	30.50	+14	31	30	-1	SSE	2	0	*	32	27	*	*	-	
	Karlstad ...	30.48	30	Z	0	0	30.45	-05	31	30	+4	SSW	4	0	*	*	*	*	*	-	
	Färder (X'ania Fjord)	30.39	38	WSW	4	0	30.38	-05	39	37	+2	SSW	5	0	3	39	37	*	*	-	
	Bodö ...	29.87	38	ESE	2	0	29.84	00	39	37	+5	SW	6	m	2	39	32	*	*	-	
	Christiansund ...	29.93	42	Z	0	r	30.16	+28	41	40	-4	SW	1	r	5	45	39	*	*	0.55	
Skudesnaes ...	30.24	44	SSE	6	0	30.24	-05	45	44	+6	SSE	6	r	4	45	37	0	*	0.28		
BRITISH ISLANDS.	Sumburgh Head	29.85	48	WSW	4	r	30.20	+30	38	37	-11	Z	0	0	4	49	47	r	0	0.17	
	Stornoway ...	29.96	52	W	2	0	30.14	+24	40	38	-12	Z	0	0	0	54	38	7.0	0.0	0.08	
	Malin Head ...	30.10	51	WSW	6	odm	30.18	+09	50	50	0	WSW	4	cgm	3	52	49	bc.odm	*	0.04	
	Blacksod Pt. ...	30.21	52	SSW	6	tm	30.26	+11	52	52	0	SSW	4	om	3	54	50	ogm.tm	*	0.04	
	Valencia ...	30.36	52	S	3	0	30.35	+04	51	49	-1	SW	2	0	4	54	50	0	0.1	0.01	
	Roche's Point ...	30.39	49	W	2	bc	30.40	+04	48	48	-2	SW	1	og	3	52	46	0.bc	*	-	
	Birr Castle ...	30.32	51	WSW	2	0	30.35	+07	44	42	-6	SSW	2	c	1	54	41	bc.0	0.3	-	
	Donaghadee ...	30.24	50	SW	3	c	30.29	+05	50	50	+1	SW	2	c	1	53	48	bc.c	*	-	
	Liverpool Obsy...	30.34	49	SW	3	0	30.38	+06	48	46	0	WSW	1	0	1	51	48	om	*	-	
	Holyhead ...	30.32	50	WSW	2	om	30.35	+05	49	48	-1	S	1	c	0	51	48	0.om	*	-	
	Pembroke (St. Ann's Hd.)	30.40	51	WSW	3	0	30.40	+02	50	49	0	WNW	1	og	3	52	49	c.og	0.0	-	
	Scilly (St. Mary's) ...	30.44	50	NW	1	0	30.44	00	49	47	0	WSW	1	cp	5	52	46	0	0.4	0.02	
	Jersey (St. Aubins) ...	30.45	50	NW	1	ogm	30.43	+01	48	47	-3	WNW	1	ogpm	1	52	46	ogm.c	0.0	0.01	
	Portland Bill ...	30.42	50	WNW	2	0	30.37	-02	50	48	0	W	2	0	2	51	48	0	*	-	
	Dungeness ...	30.38	45	WNW	1	f	30.38	+03	44	42	-2	NW	3	0	1	47	42	0.f	0.0	0.01	
	Wick ...	30.00	46	S	1	0	30.20	+25	40	39	-8	S	1	0	1	52	39	-	*	0.05	
	Nairn ...	29.99	52	WSW	3	c	30.20	+23	41	41	-11	Z	0	bc	1	54	40	-	0.0	0.06	
Aberdeen ...	30.07	48	SSW	2	0	30.26	+18	41	41	-4	Z	0	m	2	53	39	bc.c.od	2.6	0.01		
Leith ...	30.16	50	SW	3	c	30.24	+08	52	51	+1	W	1	m	*	54	50	bm.c.od	*	0.01		
North Shields ...	30.23	48	SSW	3	om	30.27	+04	50	49	+5	WSW	1	0	2	52	42	bc.om	*	-		
Spurn Head ...	30.30	45	WSW	2	0	30.32	+02	44	43	-1	W	2	df	1	45	36	om	0	-		
Yarmouth ...	30.34	45	WSW	2	f	30.31	+01	43	42	+2	W	2	cf	2	45	40	f	*	0.01		
Clacton-on-Sea ...	30.40	45	Z	0	m	30.37	+01	41	41	+1	W	1	m	0	46	40	of.bc	0.0	-		
Nottingham ...	30.35	46	WSW	1	om	30.36	+02	44	43	0	W	1	dm	*	47	38	f.om	0.0	0.01		
Bath ...	30.42	49	W	1	0	30.41	-01	48	48	+2	W	1	m	*	50	46	-	0.0	-		
Oxford ...	30.42	46	W	1	0	30.40	00	46	45	0	WSW	1	of	*	47	45	og	0	-		
London(St. James' Park)	30.38	46	WSW	1	om	30.37	00	44	44	0	W	1	ogm	*	46	44	ogm	0.0	-		
GERMANY, & C.	The Scaw (Skagen)	30.45	35	SW	1	bc	30.44	-02	35	34	-1	SSW	3	c	0	37	34	*	*	-	
	Fanö ...	30.45	32	SE	1	0	30.46	00	27	27	+1	ESE	2	c	*	32	26	*	*	-	
	Cuxhaven ...	30.47	29	Z	0	0	30.45	00	27	26	-3	S	1	0	0	30	27	*	*	-	
	The Helder ...	30.41	35	S	1	r	30.39	-04	36	36	+3	S	1	f	0	36	33	*	*	-	
	Brussels ...	*	*	*	*	*	30.39	-06	35	35	+3	S	1	f	*	38	32	*	*	0.04	
	Berlin ...	30.38	33	NW	2	r	30.40	+05	34	31	+1	NW	1	0	*	34	32	*	*	0.04	
	Frankfurt ...	30.47	34	W	1	0	30.43	-03	28	27	-2	W	1	0	*	34	28	*	*	-	
Munich ...	30.47	27	W	4	0	30.45	-01	25	25	-2	NW	2	0	*	28	25	*	*	0.04		
FRANCE.	C. Gris Nez ...	30.41	41	S	2	6	30.37	-02	45	44	+6	SSW	1	m	2	45	39	*	*	0.04	
	Brest ...	30.47	50	NW	3	c	30.44	+01	49	48	-1	W	1	0	5	50	46	*	*	0.08	
	Lorient ...	30.43	50	NNE	2	0	30.44	+01	48	46	-2	NNE	3	0	2	50	46	*	*	-	
	Rochefort ...	30.46	43	Z	0	0	30.43	00	42	41	0	Z	0	0	*	45	39	0	*	-	
	Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
	Paris ...	30.47	37	S	2	0	30.41	-05	36	36	+2	S	1	0	2	39	34	*	*	-	
	Belfort...	?	27	E	3	m	30.40	-06	23	22	-1	ENE	4	0	*	30	23	*	*	-	
Lyons ...	30.43	32	NNW	2	6	30.39	-04	28	27	0	N	1	0	*	37	28	*	*	-		
Nice ...	30.10	40	NE	1	6	30.10	-02	35	28	-1	NE	1	6	2	50	34	*	*	-		
Perpignan ...	30.25	46	NW	5	6	30.23	-01	45	37	0	NW	5	c	*	51	41	*	*	-		
SPAN. PEN.	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
	Lisbon ...	30.25	57	NNW	5	6	30.25	-01	47	43	+1	NE	4	6	*	59	45	*	*	-	
	Azores (P. Delgada)...	30.13	63	SE	5	bc	30.03	-10	60	54	-2	ENE	4	0	4	66	57	*	*	-	
" (Horta) ...	30.08	63	SSE	4	m	30.02	-03	60	58	-4	NNE	3	0	2	64	60	*	*	-		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

FOR TUESDAY, 18TH DECEMBER, 1906.

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

WIND — Arrows show Directions and Force, flying with the wind.

WIND — Arrows show Directions and Force, flying with the wind.

Force above 10 \rightarrow

Force 5 to 7 \longrightarrow

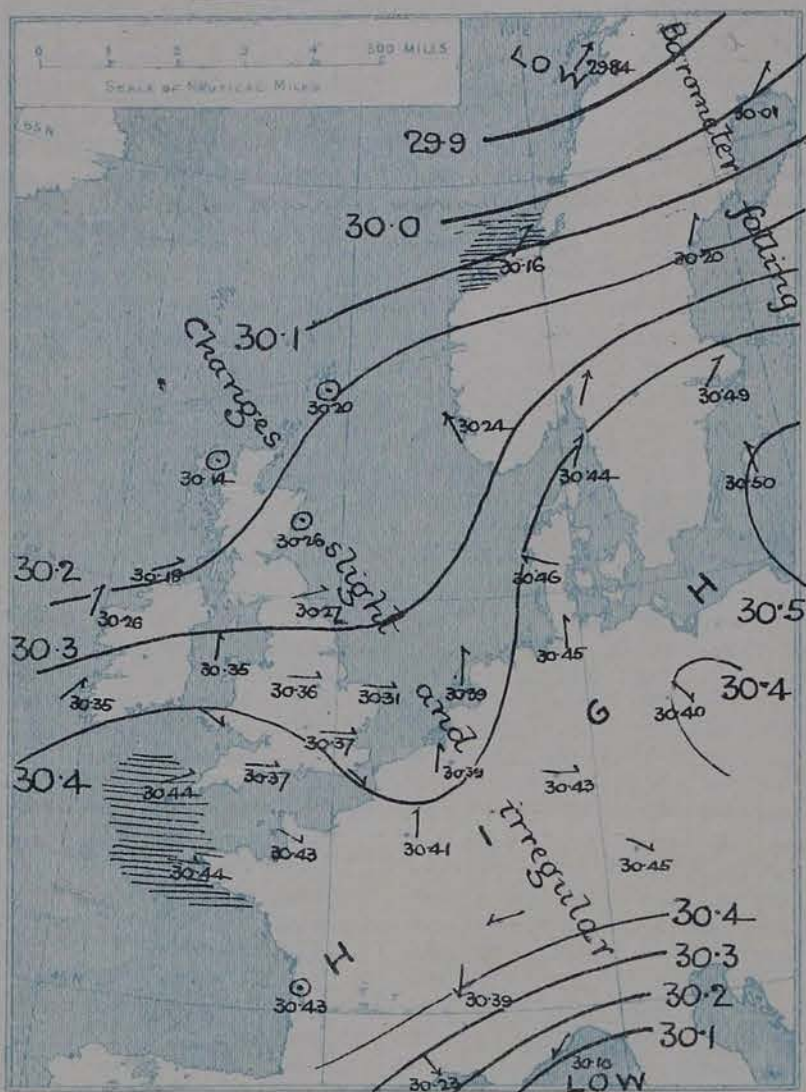
Calm@

Force 8 to 10 \longrightarrow

Force 1 to 4 _____

Calm ©

SEA.—Rough

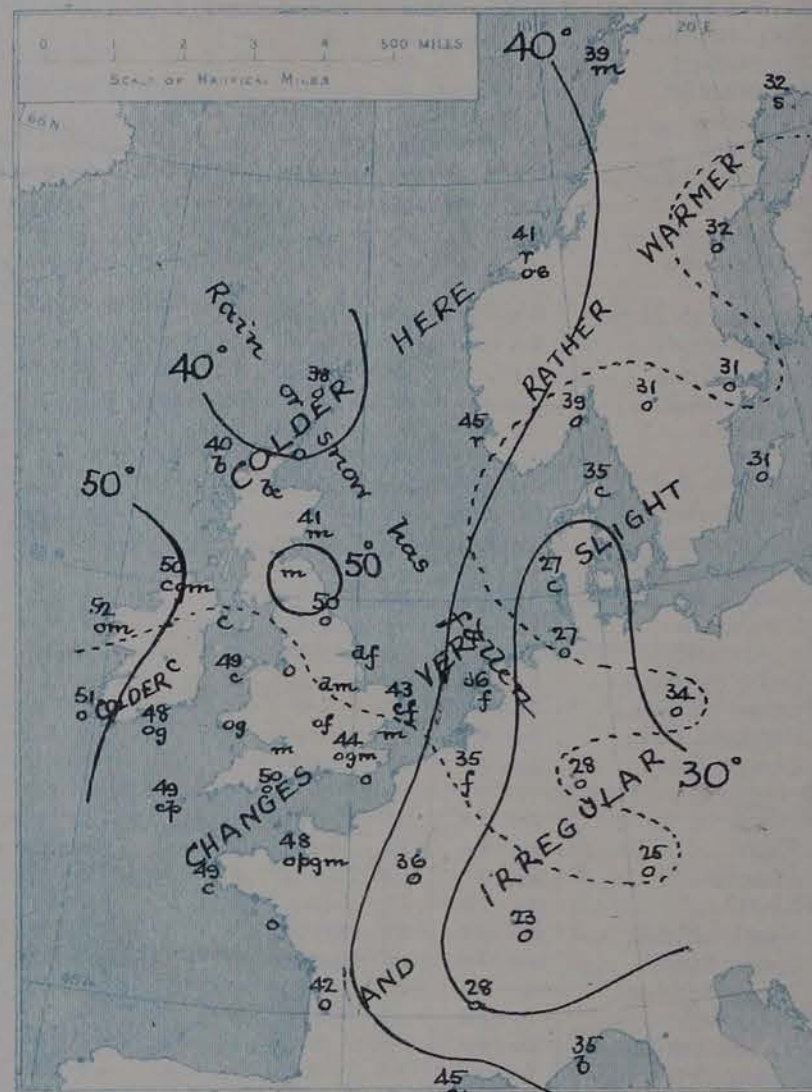


TEMPERATURE.—Isotherms are drawn for each 10°

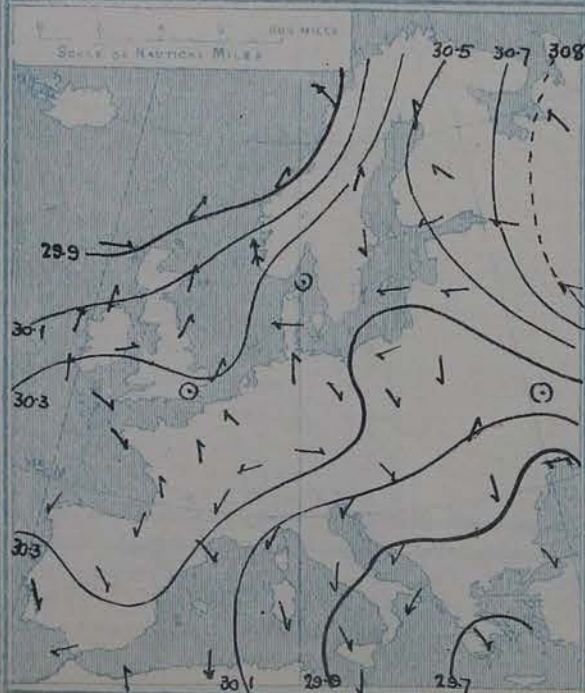
WEATHER—Shown by Letters of the Beaufort Scale (See P. 4.)

WEATHER—Shown by Letters of the Beaufort Scale (See P. 4.)

RAINFALL, — without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0.6



Yesterday morning.



recorded

in various districts of the United Kingdom

during the week ended Saturday, 15th DECR.



at 8 A.M. for the monthly period

DECEMBER.

DECEMBER.

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



GENERAL SITUATION. AT 8 A.M.

PRESSURE

The changes in pressure during the past 24 hours have been very slight over Ireland, England, France, Germany, and Denmark, but a considerable rise of the barometer has occurred in Scotland and a decided fall in the north of Sweden. The readings now range from 30.5 ins. at Wisby, and above 30.4 ins. over the western countries of the Continent generally, as well as over the south and southwest of England to 30.14 ins. at Stornoway, and to 29.84 ins. at Bodö.

WIND

TEMPERATURE

WEATHER

AND

SEA

Over England the wind is very light from the W.^{sw}, and over Ireland and Scotland light from the S.W.^{sw}. Over Scandinavia the S.W.^{sw} current blows strongly or freshly in several places, but within the region of highest pressure over France and Germany light and rather variable airs are reported. Temperature has fallen in Scotland, risen in most parts of Norway and Sweden, and changed little elsewhere. It is still about 50° over Ireland and the west and southwest of Great Britain, as well as at Leith, but decreases to 41° at Blacton-on-Sea and in the northeast of Scotland, and to 38° at Sumburgh Head. The lowest Continental reading reported is 23° at Belfort, and the highest 49° at Brest. The sky is quite overcast or very cloudy in nearly all parts of Western and Northwestern Europe; over these Islands and the nearer regions of the Continent the atmosphere is misty or foggy, with drizzling rain at Nottingham and Spurn Head, and passing showers at Sully and Jersey. Along the west coast of Norway the weather is rainy, while in the north of Sweden snow is falling. The sea is rather rough at the mouth of the Channel, and at Christiansund, moderate to smooth elsewhere.

During yesterday the thermometer rose to 54° in several parts of Ireland and Scotland, and the minima of the night were also high for the time of year. Slight amounts of rain were measured at 8 a.m. in various parts of these Islands, and considerable falls in Norway. Scarcely any bright sunshine was recorded yesterday in England, and very little in Ireland and Scotland, but at Aberdeen there were 2.6 hours

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in pressure are too slight to lead to any great modification in the general distribution during the ensuing 24 hours, so that no material change is likely to be experienced in the weather. Some decrease of temperature may, however, be expected over England by tomorrow morning.

FORECASTS*

For the 24 hours ending at NOON on 19th December, 1906.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Light to moderate winds between S. and W.; some rain locally, but fair as a whole; moderate to rather high temperature.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Light airs, mainly W. ^{sw} ; cloudy or overcast, some mist or fog;
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	rather cooler by to-morrow.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	Same as Nos. 2 to 5.
10	IRELAND SOUTH	
		Light or moderate winds between S. and W.; mostly fair, some rain in west and north; rather mild.

WARNINGS

NONE ISSUED.

Note. The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

18TH DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	49	40	o	0.0	—	Eastbourne, to 6 p.m. ...	48	43	*	0.0	0.25
Southport, to 9 p.m. ...	50	46	o	0.0	—	Bexhill-on-Sea, to 9 p.m. ...	47	45	+g	0.0	0.20
Rhyl, to 6 p.m. ...	51	46	?	0.0	—	Hastings ...	*	*	*	0.0	*
Llandudno, to 9 p.m. ...	52	48	bcp	0.0	0.04	Folkestone, to 6 p.m. ...	47	40	f.o	0.0	0.16
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	49	47	om, o	0.0	—	Margate, to 6 p.m. ...	47	38	f	0.0	0.09
Aberystwyth, to 6 p.m. ...	50	45	o.c. o	0.0	—	Lowestoft, to 6 p.m. ...	44	39	od.f. o	0.0	0.06
Plymouth, to 9 p.m. ...	51	46	od, of	0.0	0.02	Skegness ...	44	41	o	0.0	0.03
Torquay, to 6 p.m. ...	51	47	*	0.4	0.01	Scarborough, to 6 p.m. ...	47	35	*	0.0	0.12
Bournemouth, to 6 p.m. ...	51	47	*	0.0	—	Harrogate, to 6 p.m. ...	47	42	bc, o	0.0	0.02
Bognor, ...	*	*	c	0.0	*	Darwen, to 9 p.m. ...	49	44	om+q	0.0	0.01
Worthing ...	47	42	o	0.0	0.01	Manchester, to 9 p.m. ...	49	44	o	0.0	0.01
Brighton ...	50	43	*	0.0	0.09	Birmingham, to 9 p.m. ...	49	46	o	0.0	—

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

STATIONS. 17 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 17 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	27	10	o. o	—	Algiers ...	59	50	+ +	0.16
Utrecht ...	37	27	f. b	—	Tunis ...	not recd.			
Groningen ...	37	23	bc, f	—	Madeira (Funchal) ...	not recd.			
Vienna ...	41	27	o. s	0.12	Geneva ...	1 p.m. observations	1 p.m. not recd.	Measured 7 a.m.	
Florence ...	47	33	b. b	—	Berne ...	*			
Rome ...	48	35	b. b	—	Coire ...	*			
Naples ...	47	35	b. bc	—	Castasegna ...	*			
Palermo ...	47	36	b. +	0.51	Lugano ...	*			
Brindisi ...	47	34	+ +	—	Davos ...	*			
Malta ...	53	45	bc	0.20					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	18 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	8.3	11.50	3.37
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	8.4	11.57	3.50
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	9.2	12.9	3.16
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.48	12.38	4.28
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Wednesday,

Meteorological Office, London.

19th December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.	Weather.	Sun. shine.	Rainfall.
		Inch.	°				Inch.	Inch.	°	°	°									Hours.	Inch.
SCANDINAVIA.	Haparanda...	30.20	31	SW	2	b	30.44	+43	12	11	-20	W	2	f	*	34	212	*	*	*	0.12
	Hernösand...	30.44	27	Z	0	b	30.46	+26	21	21	-11	SE	2	b	*	34	221	*	*	*	-
	Stockholm...	30.57	30	WSW	2	o	30.59	+10	31	30	0	SW	2	o	*	31	28	*	*	*	-
	Wisby...	30.57	33	E	2	o	30.61	+11	35	33	+4	Z	0	o	*	35	231	*	*	*	-
	Karlstad...	30.56	34	SW	2	o	30.58	+13	35	34	+4	SW	2	o	*	*	*	*	*	*	-
	Færder (X'ania Fjord)	30.49	40	SW	4	o	30.52	+14	41	41	+2	SSW	3	m	2	41	39	*	*	*	-
	Bodö...	30.28	34	WSW	2	c	30.23	+39	34	32	-5	E	3	b	2	39	32	*	*	*	0.16
	Christiansund...	30.32	38	Z	0	bc	30.23	+07	42	39	+1	SE	1	c	5	42	36	*	*	*	-
BRITISH ISLANDS.	Skudesnaes...	30.38	45	SSE	4	r	30.43	+19	45	44	0	S	6	r	4	45	37	0.12	*	*	0.16
	Sumburgh Head	30.16	44	SE	4	r	30.14	-06	47	46	+9	SW	1	o	3	47	38	0.12	*	*	0.02
	Stornoway...	30.09	51	SW	3	o	30.11	-03	38	38	-2	SW	4	r	4	52	37	0.12	*	*	0.12
	Malin Head...	30.25	48	S	3	c	30.22	+04	46	46	-4	S	5	og	3	51	45	bc.c	*	*	-
	Blackod Pt. ...	30.26	50	SSW	5	om	30.25	-01	50	49	-2	S	5	tm	4	52	44	0.0m	*	*	0.09
	Valencia ...	30.35	49	S	3	o	30.35	00	49	48	-2	SSE	3	od	4	52	48	0	0.1	*	0.03
	Roche's Point ...	30.40	49	SW	3	c	30.41	+01	48	47	0	SSW	2	o	3	51	47	op.c	*	*	0.03
	Birr Castle ...	30.36	47	Z	0	c	30.37	+02	46	45	+2	SSW	2	c	*	49	43	c.p	0.0	*	0.01
GERMANY, & C.	Donaghadee ...	30.36	48	SSW	1	o	30.38	+09	46	45	-4	WSW	2	c	1	52	45	bc.om	*	*	-
	Liverpool Obsy...	30.43	48	W	1	o	30.48	+10	44	44	-4	W	1	bc	?	50	44	c.om	*	*	-
	Holyhead ...	30.39	48	SW	1	b	30.42	+07	47	47	-2	SW	3	c	2	51	46	c.b	*	*	-
	Pembroke (St. Ann's Hd.)	30.42	49	NW	1	bc	30.46	+06	44	44	-6	E	1	bc	3	53	44	og.bc.b	0.8	*	0.01
	Scilly (St. Mary's) ...	30.44	48	N	1	r	30.46	+02	48	46	-1	WSW	1	o	3	52	46	c.o	0.3	*	0.12
	Jersey (St. Aubins) ...	30.41	50	NNW	3	o	30.39	-04	46	44	-2	ESE	3	og	3	53	44	c.om	0.7	*	0.04
	Portland Bill ...	30.39	50	NW	3	o	30.46	+09	48	48	-2	ENE	4	o	3	52	47	0.1m	*	*	-
	Dungeness ...	30.38	47	NE	2	bc	30.51	+13	38	37	-6	SSE	1	o	1	51	38	c.bc.f	3.2	*	-
FRANCE.	Wick ...	30.16	45	S	1	o	30.16	-04	47	46	+7	S	2	o	2	47	40	-	*	*	0.03
	Nairn ...	30.20	50	W	1	bc	30.21	+01	48	45	+7	Z	0	bc	1	51	36	-	0.0	*	-
	Aberdeen ...	30.26	47	WSW	1	r	30.31	+05	45	44	+4	SW	3	c	2	50	41	o.d.f.c	0.0	*	0.04
	Leith ...	30.31	51	W	2	c	30.34	+10	50	47	-2	SW	2	c	*	54	47	od.o.c	*	*	0.01
	North Shields ...	30.35	50	WSW	2	o	30.42	+15	44	43	-6	SSW	3	cm	2	52	42	f.o	*	*	0.01
	Spurn Head ...	30.40	47	S	2	f	30.47	+15	40	40	-4	S	3	f	3	47	40	f	*	*	-
	Yarmouth ...	30.39	44	SE	3	cf	30.51	+20	39	37	-4	S	3	c	3	45	38	c.cf	*	*	-
	Clacton-on-Sea ...	30.41	44	NNE	1	m	30.54	+17	38	37	-3	E	2	o	1	48	37	bc.om.f	3.5	*	-
SPAN. PEN.	Nottingham ...	30.42	44	Z	0	f	30.50	+14	41	41	-3	SSW	1	dm	*	48	41	f	0.0	*	0.10
	Bath ...	30.43	49	WSW	1	o	30.51	+10	45	45	-3	NNE	1	o	*	52	44	-	0.0	*	-
	Oxford ...	30.44	47	WNW	1	o	30.53	+13	42	41	-4	S	1	o	*	49	41	ogdf.	*	*	0.08
	London (St. James' Park)	30.40	49	Z	0	o	30.51	+14	42	41	-2	Z	0	ogm	*	51	41	ogm.p.o	0.0	*	-
	The Scaw (Skagen)	30.56	34	WSW	3	b	30.59	+15	34	33	-1	WSW	3	o	1	37	32	*	*	*	-
	Fanø ...	30.60	24	SE	1	b	30.62	+16	25	25	-2	SE	1	b	*	32	23	*	*	*	-
	Cuxhaven ...	30.56	31	Z	0	b	30.61	+16	34	32	+7	E	2	b	*	34	27	*	*	*	-
	The Helder ...	30.51	32	S	1	f	30.59	+20	31	31	-5	S	1	bc	0	37	28	*	*	*	-
GERMANY, & C.	Brussels ...	30.56	32	S	1	f	30.56	+17	30	30	-5	ENE	1	f	*	37	29	*	*	*	0.04
	Berlin ...	30.53	29	NNE	2	o	30.54	+14	32	31	-2	NNE	2	f	*	34	28	*	*	*	-
	Frankfurt ...	30.49	30	NE	1	c	30.50	+07	32	31	+4	NE	3	bc	*	34	28	*	*	*	0.04
	Munich ...	30.46	26	W	2	s	30.48	+03	27	27	+2	NW	2	f	*	28	25	*	*	*	0.12
	C. Gris Nez ...	30.38	46	WSW	1	m	30.53	+16	31	31	-14	SSE	1	f	2	46	31	*	*	*	-
	Brest ...	30.43	49	N	2	o	30.43	-01	48	47	-1	Z	0	c	3	49	46	*	*	*	-
	Lorient ...	30.41	48	NNE	2	o	30.44	00	45	43	-3	E	4	m	2	52	43	*	*	*	-
	Rochefort ...	30.39	?	Z	0	m	30.43	00	39	39	-3	ENE	2	o	*	45	37	0.1m	*	*	-
FRANCE.	Biarritz ...	30.39	?	Z	0	m	30.43	00	39	39	-3	ENE	2	o	*	45	37	0.1m	*	*	-
	Paris ...	30.42	35	Z	0	o	30.52	+11	26	26	-10	NE	2	o	*	38	25	*	*	*	-
	Belfort ...	30.36	28	ENE	6	o	30.39	-01	23	?	0	ENE	5	m	*	31	22	*	*	*	-
	Lyons ...	30.37	30	N	2	o	30.41	+02	27	26	-1	NW	1	o	*	32	26	*	*	*	-
	Nice ...	30.10	39	Z	0	b	30.17	+07	36	31	+1	NE	2	b	2	50	34	*	*	*	-
	Perpignan ...	30.20	45	NW	5	o	30.26	+03	40	36	-5	NE	2	b	*	51	38	*	*	*	-
	Corunna ...	30.21	51	N	2	b	30.20	-05	42	40	-5	NNE	2	b	*	57	41	*	*	*	-
	Lisbon ...	30.00	61	E	4	o	29.95	-08	62	60	+2	ESE	5	o	5	64	59	*	*	*	0.08
SPAN. PEN.	Azores (P. Delgada)...	30.00	61	E	4	o	29.95	-08	62	60	+2	ESE	5	o	5	64	59	*	*	*	0.08
	" (Horta) ...	30.02	61	ENE	4	o	29.97	-05	62	58	+2	NE	4	bc	3	64	60	*	*	*	-

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.

FOR WEDNESDAY, 19TH DECEMBER, 1906.

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

WIND.—Arrows show Directions and Force, flying with the wind

WIND.—Arrows show Directions and Force, flying with the wind

Force above 10 \Rightarrow : Force 5 to 7 \Rightarrow : } Get

Force 8 to 10 \longrightarrow : Force 1 to 4 \longrightarrow : } Calm ①

SEA.—Rough Hydro 

TEMPERATURE.—Isotherms are drawn for each 10°

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



Yesterday morning.



Amount recorded
in various districts of the United Kingdom
during the week ended Saturday, 15th DECEMBER
with the percentage of the average amount
for the corresponding week.



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning the barometer has risen decidedly over Scandinavia, and at a slower rate in most other parts of our area, while it has scarcely changed over the west of France, the west of Ireland, and the north of Scotland. The readings are now highest, 30.6 ins. and above, over Denmark and the Baltic, and lowest, 30.2 ins. and less, over the northeastern portion of the Atlantic, and nearly as low over the Gulf of Genoa. A very shallow depression is shown over the Channel Islands and their neighbourhood.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has become N.^o or N.E.^o over Germany, Belgium, France, and the south of England, but continues S.^o or S.W.^o over these Islands generally, as well as at most stations in Scandinavia. A fresh breeze is reported from the north of Ireland and at Belfort, and a strong breeze at Skudesnaes; elsewhere the wind has very little force. Temperature has fallen over England and in most parts of Ireland, and also over the greater portion of the Continent, but risen several degrees at most Scotch stations, and at the mouth of the Elbe. Over these Islands it ranges from 50° at Blacksod Point and Leith to 38° at Stornoway and also on the most southeast coasts of England. Sharp frost prevails in many Continental regions, the thermometer being 23° at Belfort, and 12° at Haparanda; the highest readings reported are 45° on the southwest coast of Norway, and 48° at Brest. The weather has cleared somewhat both at some of our own and the Continental stations; as a whole, however, it continues cloudy or overcast, with fog or mist over Belgium, the northeast of France, the east of England, and in some parts of Germany, while rain is falling on our extreme western and northwestern coasts and at Skudesnaes, and slight drizzle at Nottingham. The sea is rough at Christiansund, moderate to smooth elsewhere.

During yesterday the thermometer rose to 50° or a little higher in almost all parts of the United Kingdom, the highest reading being 54° at Leith. Slight precipitation occurred in several places over our Islands, Germany, and Scandinavia. Between 3 and 4 hours of bright sunshine were recorded yesterday on the coast between Lowestoft and Eastbourne, but as a whole the weather was very dull.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

It appears probable that the Continental anticyclone will continue to extend eastwards for the present and cause some further reduction of temperature over England. Our most western and northwestern districts are likely to be influenced by low pressure systems over the Atlantic, and the winds will remain S.^o or S.W.^o and the weather mild.

FORECASTS*

For the 24 hours ending at NOON on 20th December, 1906.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 SCOTLAND
NORTH

S.^o or S.W.^o winds, light or moderate;
rather mild, changeable, some rain in
west and north.

1 SCOTLAND
EAST

2 ENGLAND
N.E.

Light Variable or E.^o airs; cloudy
or overcast generally, mist or fog

3 ENGLAND
EAST

4 MIDLAND
COUNTIES

in places; temperature falling

5 ENGLAND
SOUTH

somewhat by to-morrow.

6 SCOTLAND
WEST

Same as Nos. 0 and 1.

7 ENGLAND
N.W.

S.W.^o winds, light or moderate; cloudy
or overcast; rather mild.

8 ENGLAND
S.W.

Same as Nos. 2 to 5.

9 IRELAND
NORTH

Same as Nos. 0 and 1.

10 IRELAND
SOUTH

WARNINGS

NONE ISSUED.

Note. The South Cone, point downwards (⌒), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌒), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

19TH DECEMBER, 1906

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.			
Blackpool, to 9 p.m.	49	40	o, c	0.0	0.02	Eastbourne, to 6 p.m. ...	51	45	*	3.0	0.03
Southport, to 9 p.m.	49	43	m, o, cm	0.0	0.02	Bexhill-on-Sea, to 9 p.m. ...	52	44	f, b, g	3.1	0.02
Rhyl, to 6 p.m.	52	41	?	2.1	-	Hastings	*	*	*	3.5	*
Llandudno, to 9 p.m.	52	48	bc	1.2	-	Folkestone, to 6 p.m. ...	50	42	o, bc, b, o, b	1.5	-
Bettws-y-Coed, to 6 p.m. ...	52	48	c	0.0	-	Broadstairs,	*	*	*		*
Towyn, to 6 p.m.	50	42	o, c	0.0	-	Margate, to 6 p.m.	47	43	b, f	0.7	-
Aberystwyth, to 6 p.m.	50	45	o, c, o	0.0	-	Lowestoft, to 6 p.m. ...	47	40	o, c, bc, cm	4.2	-
Plymouth, to 9 p.m.	52	46	f, bf	1.0	-	Skegness	48	42	m, f	0.1	0.01
Torquay, to 6 p.m.	52	47	*	0.4	-	Scarborough, to 6 p.m. ...	49	36	*	0.0	0.01
Bournemouth, to 6 p.m. ...	51	47	*	0.0	-	Harrogate, to 6 p.m. ...	48	42	o, b	0.0	0.06
Bognor,	*	*	cm	0.2	*	Darwen, to 9 p.m.	48	44	omq, om	0.0	0.16
Worthing	49	43	o, c, o	0.4	0.02	Manchester, to 9 p.m. ...	50	46	om, om	0.0	0.06
Brighton	49	43	*	0.0	-	Birmingham, to 9 p.m. ...	49	46	o	0.0	0.02

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

STATIONS 18 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 18 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg	21	9	o, o	-	Algiers	57	46	o, c	-
Utrecht	34	30	o, m	0.08	Tunis	54	39	t, o	0.67
Groningen	32	28	f, m	-	Madeira (Funchal)	66	55	c, o	-
Vienna	32	30	s, o	0.12	Geneva	32	*	b	Measured 7 a.m.
Florence	45	33	b, o	-	Berne	28	*	b	-
Rome	46	37	o, b	-	Coire	25	*	b	0.04
Naples	44	37	bc, b	-	Castasegna	34	*	b	-
Palermo	50	36	t, o	0.49	Lugano	46	*	b	-
Brindisi	52	41	o, bc	-	Davos	12	*	b	0.08
Malta	51	43	bc	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
{ Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

19 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	9.3	11.50	3.37
Greenwich	8.4	11.57	3.50
Wick	9.2	12.9	3.16
Valencia	8.48	12.38	4.28

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Thursday,

Meteorological Office, London.

20th December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
At 82° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	Ins.	34	SW	4	0	30.12	-32	33	33	+21	SW	4	0	34	10	*	*	*		
	Hernösand...	30.39	31	2	0	0	30.35	-11	27	27	+6	W	2	6	31	?	*	*	*		
	Stockholm...	30.62	33	SSW	2	0	30.59	00	34	33	+3	SW	2	0	34	28	*	*	*		
	Wisby...	30.67	34	SE	2	0	30.70	+09	35	33	0	SE	2	0	36	30	*	*	*		
	Karlstad...	30.58	37	SW	2	f	30.60	+02	39	37	+4	2	0	0	*	*	*	*			
	Færder (X'ania Fjord)	30.52	42	SW	4	f	30.52	00	43	42	+2	SW	6	6c	3	43	41	*	*	*	
	Bodö...	30.05	40	S	2	0	29.95	-28	44	42	+10	SW	8	r	4	44	32	*	*	0.95	
	Christiansund...	30.23	45	ESE	1	0	30.20	-03	52	46	+10	SW	1	0	5	52	41	*	*	0.04	
Skudesnaes...	30.50	45	S	4	0	30.56	+13	44	43	-1	S	6	0	4	45	43	0	*	0.32		
BRITISH ISLANDS.	Sumburgh Head	30.16	47	WSW	3	0	30.22	+08	47	46	0	WSW	3	0	3	48	46	c, o	*	0.08	
	Stornoway...	30.15	50	SW	3	0	30.22	+11	48	48	+10	SSW	5	0	5	51	38	b, r, o	0.0	0.12	
	Malin Head...	30.28	48	SSW	4	c	30.38	+16	47	46	+1	SW	3	0	3	48	45	c	*	-	
	Blacksod Pt. ...	30.30	50	S	6	ogm	30.38	+13	49	49	-1	S	5	ogdpm	3	52	48	c, ogm	*	0.04	
	Valencia...	30.42	50	SSE	3	0	30.43	+08	49	46	0	SSE	2	c	4	51	47	0	0.0	0.02	
	Roche's Point...	30.47	48	SSW	3	0	30.50	+09	49	48	+1	S	3	og	3	49	47	o, b, d, p	*	0.01	
	Birr Castle...	30.41	48	S	2	c	30.48	+11	40	39	-6	2	0	6	*	52	38	c	1.2	-	
	Donaghadee...	30.41	47	SSW	2	0	30.48	+10	46	45	0	WSW	2	c	3	48	44	o, c, g, b, c	*	-	
	Liverpool Obsy...	30.51	44	SSE	2	b	30.58	+10	41	40	-3	SE	3	f	?	46	40	b, f	*	-	
	Holyhead...	30.47	48	WSW	2	bc	30.54	+12	47	47	0	W	2	f	1	49	46	c, b, d, p, m	*	0.03	
	Pembroke (St. Ann's Hd.)	30.49	48	ESE	1	f	30.53	+07	46	45	+2	SE	4	c, g	4	50	44	cm, f	0.0	0.01	
	Scilly (St. Mary's)	30.47	50	ENE	1	ow	30.51	+05	49	46	+1	ESE	2	c	2	52	46	c, ow	0.0	-	
	Jersey (St. Aubins)	30.53	41	ENE	2	cm	30.55	+16	40	38	-6	ESE	4	omw	3	46	38	ogm, c	0.0	-	
	Portland Bill	30.52	47	E	3	om	30.55	+09	39	37	-9	E	3	c	3	50	39	om	*	-	
	Dungeness...	30.55	37	NE	2	c	30.57	+06	38	36	0	E	4	0	2	39	34	c	1.5	-	
	Wick...	30.21	47	S	2	0	30.26	+10	47	45	0	SW	2	c	1	48	40	-	*	-	
Nairn...	30.23	49	W	2	c	30.32	+11	49	45	+1	WSW	2	bc	1	51	44	-	1.2	-		
Aberdeen...	30.33	47	SSW	3	bc	30.40	+09	46	44	+1	SSW	2	c	2	48	45	o, c, b, c	0.0	-		
Leith...	30.38	49	WSW	2	bc	30.48	+14	48	44	-2	WSW	3	om	*	50	47	o, b, c, c	*	-		
North Shields	30.47	43	SSW	2	0	30.53	+11	39	38	-5	SW	2	om	2	47	36	o	*	-		
Spurn Head	30.53	41	S	3	0	30.58	+11	38	37	-2	S	3	f	2	41	37	om, f	0	-		
GERMANY, & C.	Yarmouth...	30.55	37	SSW	2	b	30.62	+11	37	35	-2	SSE	3	c	3	40	33	b, c, b	*	-	
	Clacton-on-Sea...	30.59	34	N	1	c	30.62	+08	37	36	-1	E	2	o	2	38	32	og, cm	0.2	-	
	Nottingham...	30.54	42	S	1	0	30.60	+10	41	40	0	SE	1	dm	*	43	40	om	0.0	0.01	
	Bath...	30.54	45	E	1	0	30.61	+10	40	38	-5	E	1	m	*	47	38	-	0.0	-	
	Oxford...	30.58	43	SE	1	0	30.62	+09	38	37	-4	SSE	1	o	*	45	38	og, o	*	-	
	London (St. James' Park)	30.55	43	2	0	0	30.60	+09	37	35	-5	E	1	og	*	44	34	ogm, o	0.0	-	
	The Scaw (Skagen)	30.62	35	WSW	3	bc	30.68	+09	35	33	+1	WSW	3	0	1	36	32	*	*	-	
	Fanö...	30.69	32	SE	2	0	30.71	+09	31	30	+6	E	1	0	*	32	25	*	*	-	
Cuxhaven...	30.67	33	E	1	b	30.71	+10	34	32	0	E	2	0	*	36	33	*	*	-		
The Helder	30.64	31	S	1	m	30.69	+10	34	34	+3	ESE	1	m	0	34	28	*	*	-		
Brussels...	30.60	32	NE	2	r	30.73	+19	25	24	-7	E	2	0	*	34	23	*	*	-		
Berlin...	30.56	35	NE	3	0	30.58	+08	33	31	+1	NE	3	0	*	36	30	*	*	-		
Frankfurt	30.53	27	W	2	0	30.56	+08	23	22	-4	NE	3	0	*	30	21	*	*	-		
FRANCE.	Munich...	30.53	27	W	2	0	30.56	+08	23	22	-4	NE	3	0	*	30	21	*	*	-	
	C. Gris Nez...	30.58	?	E	2	m	30.60	+07	31	31	0	NW	1	m	2	32	30	*	*	-	
	Brest...	30.48	47	ESE	2	0	30.51	+08	36	36	-12	ESE	3	6	2	48	36	*	*	-	
	Lorient...	30.43	45	NE	3	c	30.45	+01	36	33	-9	ENE	3	6	2	48	34	*	*	-	
	Rochefort...	30.45	38	NE	4	b	30.47	+04	31	31	-8	NE	4	0	*	46	30	*	*	-	
	Biarritz...	30.40	42	W	1	c	30.39	-04	36	36	-1	E	1	0	1	45	34	*	*	-	
	Paris...	30.55	28	NE	2	b	30.55	+03	32	31	+6	NNE	2	0	*	33	26	*	*	-	
	Belfort...	30.46	29	ENE	6	m	30.46	+07	27	26	+4	ENE	7	0	*	31	23	*	*	-	
Lyons...	30.46	28	N	1	c	30.44	+03	29	28	+2	N	1	0	*	31	27	*	*	-		
Nice...	30.21	40	E	2	b	30.23	+06	41	37	+5	2	0	c	1	52	36	*	*	-		
Perpignan...	30.29	39	SW	1	b	30.32	+06	29	29	-11	SW	1	b	*	51	28	*	*	-		
SPAN. PEN.	Corunna...	30.19	49	NNE	5	b	30.21	+01	42	39	0	NNE	5	6	*	54	41	*	*	-	
	Lisbon...	29.98	64	SSE	4	c	29.95	00	62	62	0	SE	4	0	4	64	61	*	*	0.12	
	Azores (P. Delgada)	29.95	64	S	4	bc	29.89	-08	65	61	+3	S	4	0	3	66	62	*	*	0.43	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in *Chronicle* on next page.

WEATHER CHARTS

FOR THURSDAY, 20TH DECEMBER, 1906.

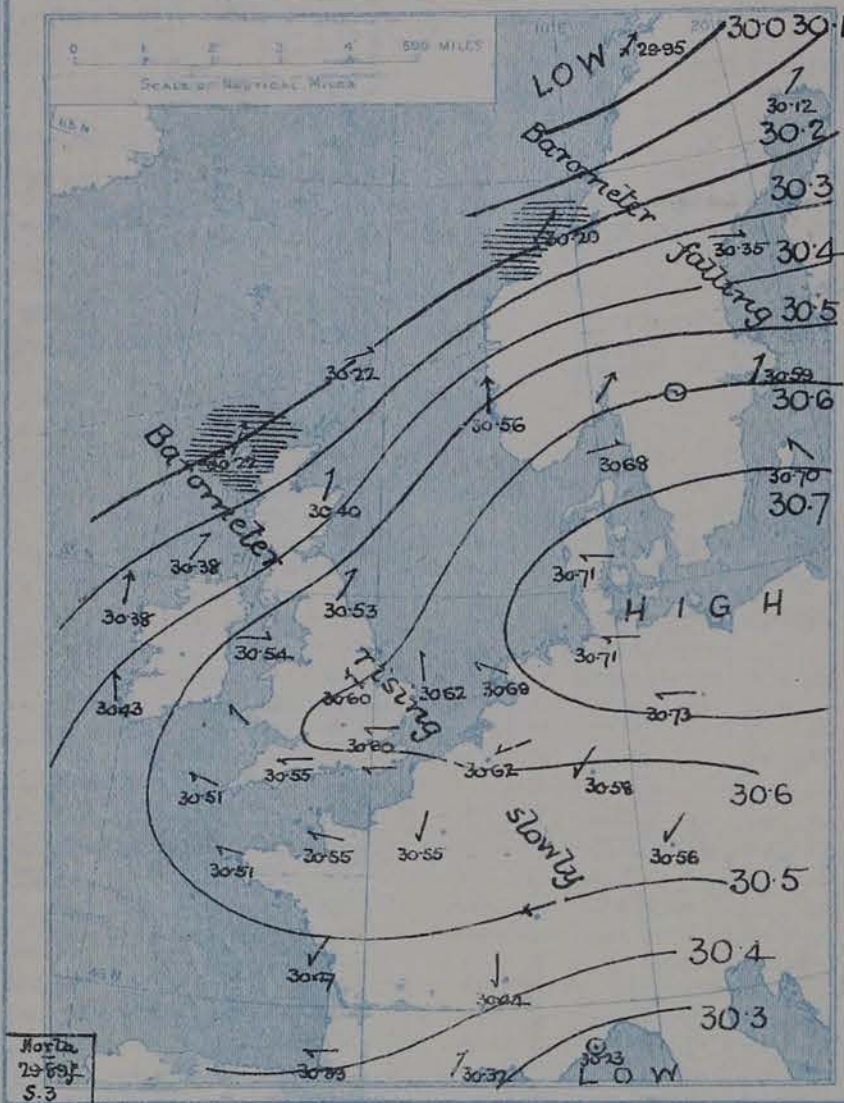
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 ——— Force 5 to 7 ——— } Calm ☉
Force 8 to 10 ——— Force 1 to 4 ———

SEA—Rough High

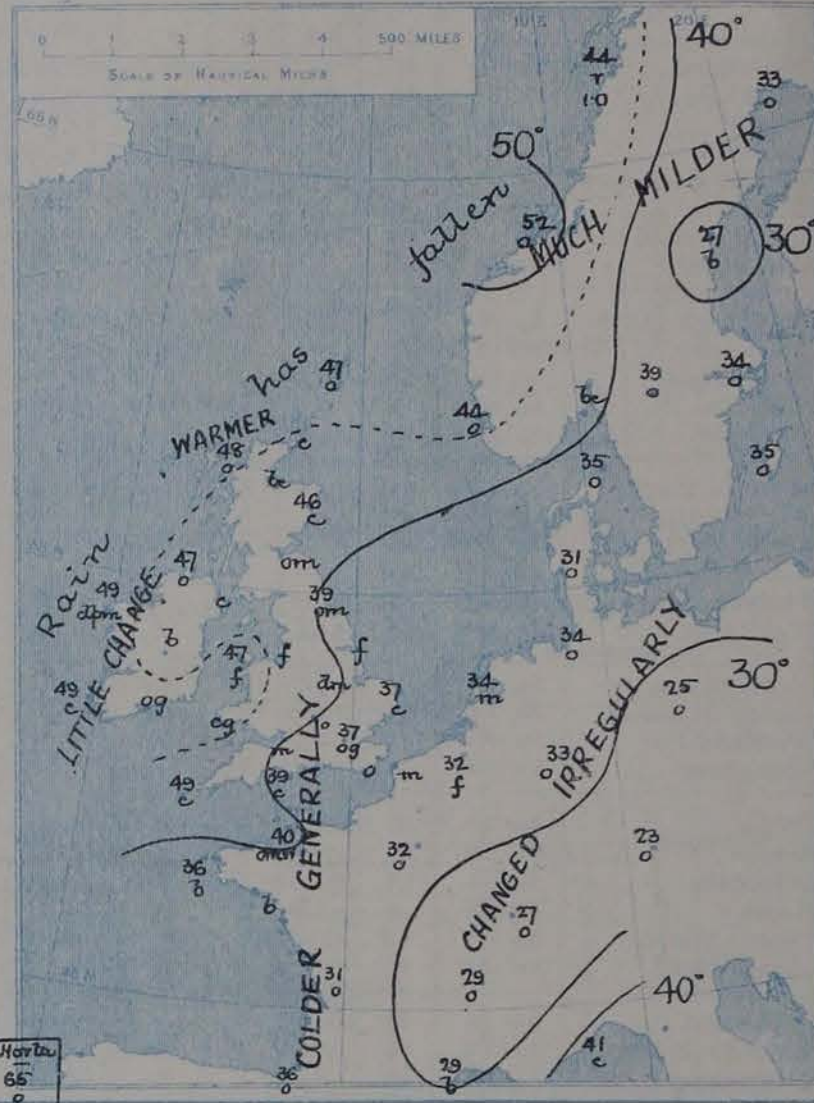


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



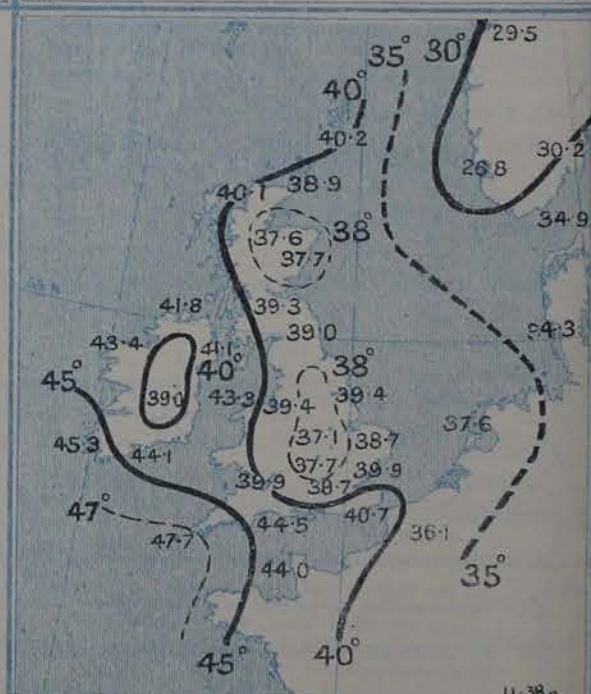
IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 15TH DEC. with the percentage of the average duration for the corresponding week.



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period DECEMBER.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning the barometer has risen in all parts of our area except the north of Scandinavia, where a fall which commenced yesterday, appears to be still in progress. The central part of the anticyclone, where readings are above 30.7 ins. extends from the eastward across the Baltic and North Germany to the southeastern portion of the North Sea. To the southward pressure decreases to about 30.2 ins. over the Gulf of Genoa, and to the northward to below 30.0 ins. over the North of Norway.

WIND

TEMPERATURE

WEATHER

AND

SEA

The S.³ and S.W.³ winds which still prevail over our western and northern districts and throughout Scandinavia blow strongly on the south coast of Norway, and with the force of a gale at Bodø; on our own coasts the greatest force is a fresh breeze at Stornoway. The E.³ and N.E.³ current over the south of England, France and Germany is generally very light. With the S.³ and S.W.³ winds temperature continues high, the readings being 48° or 49° at several of our western and northern stations, while at Christiansund the thermometer marks 52° and at Bodø 44°. Sharp frost still prevails in many parts of Germany and France, and temperature has fallen to below 40° in nearly all parts of England. At Munich and Berlin the respective readings are 23° and 25°. The sky is nearly clear in a few places, but the general character of the weather over our Islands and the western half of the Continent is overcast. Mist or fog prevails over the Low Countries, and at several English stations, while slight showers are reported from Blackrod Point, and rain at Bodø. The sea is rather rough at Christiansund and Stornoway; slight to smooth generally.

The maximum temperatures reported over the United Kingdom yesterday were rather lower than of late, but readings of about 50° were common in the west and north. In some parts of France and Germany the maxima were below the freezing point. Slight rain was experienced on the west coasts of Wales and Ireland and in the Hebrides and Shetlands, and larger quantities in Norway, - at Bodø the measurement this morning is 0.95 in. Over these Islands generally the day was sunless, but some northwestern and southern stations recorded about 2 hours. Lowestoft 4.6 hours, and Folkestone 5.8 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The E.³ anticyclone exhibits no tendency to disperse, and its central area will probably continue to expand W³ towards the United Kingdom. E.³ and S.E.³ winds, and a rather low temperature are, consequently, to be expected over the greater part of England, and S.³ winds, with a moderate or rather high temperature in Ireland and Scotland. The tendency for the formation of mist and fog is likely to increase over England.

FORECASTS*

For the 24 hours ending at NOON on 21st December, 1906.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Wind mainly S. ³ or S.W. ³ ; generally cloudy or overcast; temperature continuing above the normal.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Light winds between S.E. and S.W.; dull, misty or foggy; rather cold.
3	ENGLAND EAST	Light winds, mainly E. ³ ; cloudy or overcast, misty or foggy in many places; rather cold.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Light or moderate winds between E. and S.E.; cloudy, mist or fog locally; becoming colder.
9	IRELAND NORTH	Same as Nos. 0 and 1.
10	IRELAND SOUTH	

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (⌣), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌢), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

20TH DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	44	37	of	0.0	-	Eastbourne, to 6 p.m. ...	48	37	*	2.0	-
Southport, to 9 p.m. ...	44	38	f.c.f	0.0	-	Bexhill-on-Sea, to 9 p.m. ...	43	36	c, b, c	2.5	-
Rhyl, to 6 p.m. ...	48	40	?	1.6	-	Hastings ...	*	*	*	1.7	*
Llandudno, to 9 p.m. ...	50	43	bc	2.2	-	Folkestone, to 6 p.m. ...	44	32	o, bc, o	5.8	-
Bettws-y-Coed, to 6 p.m. ...	48	38	c, bc, c	0.0	-	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	48	39	o	0.0	-	Margate, to 6 p.m. ...	38	36	f, o, b	0.4	-
Aberystwyth, to 6 p.m. ...	48	40	o, c, o	0.0	-	Lowestoft, to 6 p.m. ...	43	33	bc, o, c, b	4.6	-
Plymouth, to 9 p.m. ...	53	41	of, o	0.0	0.08	Skegness ...	40	39	o	0.0	-
Torquay, to 6 p.m. ...	50	47	*	0.0	0.02	Scarborough, to 6 p.m. ...	48	41	*	0.3	0.07
Bournemouth, to 6 p.m. ...	46	?	*	0.0	0.03	Harrogate, to 6 p.m. ...	44	40	m, f	0.0	-
Bognor, ...	*	*	og	0.0	*	Darwen, to 9 p.m. ...	46	40	om, c, om	0.0	-
Worthing ...	42	39	o	0.0	-	Manchester, to 9 p.m. ...	48	40	om	0.0	-
Brighton ...	41	39	*	2.2	-	Birmingham, to 9 p.m. ...	48	42	o	0.0	-

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

STATIONS 19 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 19 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	21	18	o, o	0.04	Algiers ...	59	48	o, c	0.04
Utrecht ...	36	21	f, m	-	Tunis ...	54	37	o, c	-
Groningen ...	30	25	b, m	-	Madeira (Funchal) ...	64	54	bc, b	-
Vienna ...	41	28	s, o	0.20	Geneva ...	30	*	o	Measured 7 a.m.
Florence ...	43	33	b, o	-	Berne ...	27	*	bc	-
Rome ...	49	34	b, c	-	Coire ...	23	*	b	-
Naples ...	47	38	b, b	-	Castasegna ...	41	*	b	-
Palermo ...	53	35	b, o	0.04	Lugano ...	43	*	b	-
Brindisi ...	48	36	c, o	-	Davos ...	19	*	b	-
Malta ...	53	44	b	0.32					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b, blue sky; c, detached clouds; d, drizzling rain; f, fog; g, dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	20 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	8.4	11.51	3.38
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	8.5	11.58	3.51
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	9.3	12.10	3.17
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	-	Valencia ...	8.49	12.39	4.29
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Friday,

Meteorological Office, London.

21st December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)		Max.	Min.					
SCANDINAVIA.	Haparanda...	29.98	35	SW	4	c	29.93	-19	41	38	+8	WSW	4	0	*	24	30	*	*	0.08	
	Hernösand ...	30.32	35	Z	0	f	30.35	00	34	34	+7	SW	2	6c	*	35	25	*	*	-	
	Stockholm ...	30.60	36	SW	6	o	30.56	-03	35	35	+1	SW	4	m	*	37	32	*	*	-	
	Wisby ...	30.73	34	SW	6	o	30.69	-01	34	33	-1	W	4	0	*	36	32	*	*	-	
	Karlstad ...	30.62	38	SSW	4	o	30.57	-03	38	38	-1	SW	2	0	*	*	*	*	*	-	
	Færder (X'ania Fjord)	30.61	43	SW	6	bc	30.52	00	43	42	0	SW	6	c	3	43	43	*	*	-	
	Bodö ...	29.82	45	SW	8	r	29.90	-05	45	44	+1	SSW	9	0	6	45	39	*	*	0.55	
	Christiansund ...	30.26	47	SW	6	bc	30.32	+12	48	45	-4	SW	6	c	5	52	46	*	*	-	
Skudesnaes ...	30.62	44	SSW	6	o	30.63	+07	45	44	+1	SW	4	0	4	45	43	0	*	-		
BRITISH ISLANDS.	Sumburgh Head	30.34	48	WSW	3	o	30.41	+19	48	45	+1	WSW	3	0	3	50	46	0	*	-	
	Stornoway ...	30.27	48	SSW	6	o	30.44	+22	48	48	0	WSW	3	0	3	51	46	c.o	0.0	0.02	
	Malin Head ...	30.42	46	SSW	4	b	30.52	+14	43	43	-4	SSW	4	6	2	48	43	b	*	-	
	Blacksod Pt. ...	30.41	50	S	5	ogm	30.53	+15	48	47	-1	S	2	om	3	50	46	c.ogm	*	0.05	
	Valencia ...	30.48	49	SE	3	c	30.52	+09	44	40	-5	ESE	1	6	3	52	44	c	1.0	-	
	Roche's Point ...	30.52	48	S	4	ogm	30.55	+05	45	42	-4	E	2	0	2	50	44	cg, bc, o	*	-	
	Birr Castle ...	30.51	44	S	2	c	30.56	+08	42	39	+2	SE	2	0	*	47	39	b, c	2.0	-	
	Donaghadee ...	30.55	45	WSW	1	bc	30.62	+14	44	44	-2	SSE	3	0	2	51	43	bc, og, c	*	-	
	Liverpool Obsy...	30.61	43	SE	2	o	30.64	+06	36	34	-5	ESE	3	0	?	44	33	bm, o	*	-	
	Holyhead ...	30.56	43	SW	1	b	30.58	+04	38	37	-9	E	2	m	1	47	37	c, b	*	-	
	Pembroke (St. Ann's Hd.)	30.56	43	SE	4	c	30.58	+05	35	33	-11	E	4	cg	3	47	33	c, cgm	0.0	-	
	Scilly (St. Mary's) ...	30.50	46	E	3	o	30.49	-02	45	42	-4	E	4	op	2	50	44	c, o	0.4	-	
	Jersey (St. Aubins) ...	30.49	39	E	3	ogm	30.50	-05	38	36	-2	E	4	om	3	40	34	o, ogm	0.0	-	
	Portland Bill ...	30.56	38	ENE	4	o	30.52	-03	40	38	+1	NE	4	0	3	41	35	o	*	-	
	Dungeness ...	30.54	40	NE	5	o	30.53	-04	35	34	-3	E	5	0	4	40	35	o	0.0	-	
	Wick ...	30.36	45	SW	2	c	30.46	+20	45	44	-2	SW	2	c	1	48	40	-	*	-	
	Nairn ...	30.40	47	W	2	b	30.50	+18	46	44	-3	Z	0	c	1	51	42	-	0.0	-	
Aberdeen ...	30.46	45	SSW	3	bc	30.59	+19	37	37	-9	WNW	1	bm	2	48	37	c, bc, bm	1.2	-		
Leith ...	30.51	48	WSW	2	bc	30.59	+11	46	44	-2	N	1	om	*	50	44	o, c, bc	*	-		
North Shields ...	30.58	39	SSW	2	f	30.65	+12	36	35	-3	S	3	om	2	43	34	c, f, o	*	-		
Spurn Head ..	30.64	36	SSW	2	o	30.64	+06	39	38	+1	ESE	3	0	2	40	35	f, o, v	*	-		
GERMANY, & C.	Yarmouth ...	30.62	40	ESE	3	o	30.62	00	36	34	-1	ESE	5	0	4	40	35	c, o	*	-	
	Clacton-on-Sea ...	30.63	40	E	3	o	30.63	+01	36	36	-1	E	3	0	3	41	36	ogm, o	0.0	-	
	Nottingham ...	30.63	35	SE	1	o	30.64	+04	37	36	-4	E	1	om	*	41	33	om, o	0.0	-	
	Bath ...	30.63	35	NNE	1	o	30.59	-02	37	36	-3	NNE	1	0	*	40	34	-	0.0	-	
	Oxford ...	30.64	36	ENE	1	o	30.62	00	37	36	-1	ENE	1	0	*	38	34	og, o	*	-	
	London (St. James' Park)	30.60	40	E	2	o	30.58	-02	38	36	+1	E	3	og	*	41	36	og, o	0.0	-	
	The Scaw (Skagen)	30.74	34	W	4	bc	30.69	+01	35	33	0	WSW	4	0	1	36	32	*	*	-	
FRANCE.	Fanö ...	30.78	31	E	3	o	30.80	+09	31	28	0	SE	3	0	*	32	28	*	*	-	
	Cuxhaven ...	30.75	32	SSE	3	o	30.79	+08	26	24	-8	SE	3	0	*	36	25	*	*	-	
	The Helder ...	30.71	33	E	1	o	30.72	+03	28	27	-6	ESE	1	0	0	36	28	*	*	-	
	Brussels ...	*	*	*	*	*	30.64	+02	25	24	-7	ENE	2	6	*	34	25	*	*	-	
	Berlin ...	30.81	24	SE	3	o	30.80	+07	19	18	-6	ESE	2	0	*	?	?	*	*	-	
	Frankfurt ...	30.66	27	E	3	b	30.65	+07	21	20	-12	N	4	6	*	36	21	*	*	-	
	Munich ...	30.62	19	E	5	c	30.61	+05	18	18	-5	E	4	0	*	23	16	*	*	-	
	C. Gris Nez ...	30.59	34	NE	3	m	30.59	-01	29	28	-2	ENE	3	m	3	36	28	*	*	-	
SPAN. PEN.	Brest ...	30.48	36	E	3	o	30.42	-09	39	38	+3	E	3	bc	3	41	34	*	*	-	
	Lorient ...	30.46	32	NE	4	o	30.42	-03	32	32	-4	NE	4	0	3	39	32	*	*	-	
	Rochefort ...	30.43	34	ENE	4	o	30.38	-09	36	36	+5	ENE	4	0	*	36	30	o	*	-	
	Biarritz ...	30.36	41	Z	0	b	30.28	-11	35	34	-1	E	3	0	1	43	32	*	*	-	
	Paris ...	30.54	33	ENE	3	o	30.52	-03	28	26	-4	E	4	0	*	35	28	*	*	-	
	Belfort...	30.45	24	ENE	7	m	30.50	+04	21	20	-6	ENE	6	m	*	30	21	*	*	-	
	Lyons ...	30.45	30	N	1	o	30.45	+01	24	23	-5	N	1	6	*	30	24	*	*	-	
Nice ...	30.06	40	E	2	o	30.27	+04	39	33	-2	E	2	bc	4	46	37	*	*	-		
Perpignan ...	30.30	39	NW	2	b	30.30	-02	34	34	+5	N	1	s	*	45	29	*	*	0.08		
SPAN. PEN.	Corunna ...																	*	*	-	
	Lisbon ...	30.17	50	NNE	4	b	30.14	-07	44	40	+2	NNE	3	6	*	55	42	*	*	-	
	Azores (P. Delgada)...	29.85	63	ESE	5	c	29.65	-30	63	62	0	ESE	5	m	5	66	61	*	*	0.16	
" (Horta) ...	29.81	63	S	4	c	29.67	-22	60	58	-5	NNE	2	0	2	66	59	*	*	0.28		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +.03 in., but for Sumburgh Head +.04 in.; for stations South of Malin Head and North Shields +.02 in., but for Scilly and Jersey +.01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

FOR FRIDAY, 21ST DECEMBER, 1906.

SEA—Rough  High 

RAINFALL, — { A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus — 0·6



GENERAL SITUATION AT 8 A.M.

PRESSURE

The central part of the anticyclone, where the barometer is 30.8 in. and above, still lies over North Germany and the adjacent portions of Denmark and the Baltic, but the western borders of the system have extended over this country, and the barometer is now above 30.6 in. over the northern half of England, and the northeast of Ireland. Pressure is decreasing slowly over France and the Spanish Peninsula, and the reading at Lisbon is no higher than 30.14 in. The lowest readings, 29.9 in. and less, are found over the extreme north of Scandinavia.

WIND

The E. current of air over England, Germany, and France has become more pronounced, but except at Yarmouth, Bournemouth and Belfort it is no stronger than a moderate breeze. The S. and S.W. winds which are still general over our northwestern and northern districts and the greater portion of Scandinavia have little force, except at Christiansund, where there is a strong breeze, and at Bodo where a strong S.S.W. gale is blowing.

TEMPERATURE

Temperature has fallen in nearly all parts of Northwestern and Western Europe. It is, however, still highest on our western and northwestern coasts, and on the west coast of Norway, the thermometer in those regions marking about 48°. To the southward the readings decrease to about 36° on the southeast coast of England, to 25° at Brussels, and to 19° and 18° respectively at Berlin and Munich. The general character of the weather continues very dull, with mist in several places. At the Scilly Isles showers of rain are reported, while at Perpignan snow is falling. The sea is rough off the west coast of Norway, moderate to smooth elsewhere.

WEATHER

AND

SEA

During yesterday the thermometer touched or rose slightly above 50° at several of our most western and northern stations, but did not reach 40° in some parts of the Midlands, and remained below 32° in some parts of Germany. Over our area generally the weather yesterday was very dry, but slight rain fell at Stornoway and Blackad Point, and also at Hapuranda, and as much as 0.55 in. at Bodo. Scarcely any bright sunshine was recorded except in some parts of Ireland, Scotland and Wales; at Rhyl the duration was 4.3 hours, and at Llandudno 3.7 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer will probably continue to rise over the northern parts of our Islands, while it remains stationary or falls somewhat over our southern districts and France. The E. wind on our southern and southeastern coasts may, therefore, be expected to increase in force. Overcast, but dry weather, with a rather low temperature, is anticipated over the Kingdom as a whole, but mild conditions will still prevail in the far west and north.

FORECASTS*

For the 24 hours ending at NOON on 22nd. December, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	{ S.W. and S. winds, light or moderate; cloudy or dull; mild.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST	{ Light or moderate winds between S. and S.W.; overcast, some mist;	7 ENGLAND N.W.	Same as Nos. 1 and 2.
2 ENGLAND N.E.	{ Temperature not far from normal.	8 ENGLAND S.W.	Same as No. 5.
3 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	Same as No. 0.
4 MIDLAND COUNTIES	{ Light E. breezes; cloudy or dull, local mists; rather cold.	10 IRELAND SOUTH	{ S.E. or E. winds, moderate or light; cloudy; moderate temperature.
5 ENGLAND SOUTH	{ E. winds, increasing in force; cloudy or dull; rather cold.		NONE ISSUED.
		WARNINGS	

Note The South Cone, point downwards (T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

21st DECEMBER, 1906

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.			
Blackpool, to 9 p.m.	44	40	om. o	0.0	-	Eastbourne, to 6 p.m. ...	40	34	*	0.0	-
Southport, to 9 p.m.	44	41	f. o	0.0	-	Bexhill-on-Sea, to 9 p.m. ...	42	37	g	0.0	-
Rhyl, to 6 p.m.	51	38	?	4.3	-	Hastings	*	*	*	0.0	*
Llandudno, to 9 p.m.	48	40	bcw	3.7	-	Folkestone, to 6 p.m. ...	40	34	o	0.0	-
Bettws-y-Coed, to 6 p.m. ...						Broadstairs,	*	*	*		*
Towyn, to 6 p.m.	47	38	m, c. bc	1.8	-	Margate, to 6 p.m. ...	41	33	f	0.0	-
Aberystwyth, to 6 p.m. ...	47	40	c. o	2.0	-	Lowestoft, to 6 p.m. ...	41	33	o, c. o	0.0	-
Plymouth, to 9 p.m.	55	36	o. om	0.0	0.01	Skegness	38	36	o	0.3	-
Torquay, to 6 p.m.	42	40	*	0.0	-	Scarborough, to 6 p.m. ...	44	39	*	0.0	-
Bournemouth, to 6 p.m. ...	36	35	*	0.0	-	Harrogate, to 6 p.m. ...					
Bognor,	*	*	o	0.0	*	Darwen, to 9 p.m. ...	42	36	o f	0.0	-
Worthing	38	31	o	0.0	-	Manchester, to 9 p.m. ...	44	39	o	0.0	-
Brighton	38	33	*	0.0	-	Birmingham, to 9 p.m. ...	43	31	o	0.0	-

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

STATIONS 20 th Dec. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg	23	19	o, o	-	Algiers	55	48	r, c	0.08
Utrecht	34	21	b, o	-	Tunis	52	36	bc, c	-
Groningen	34	30	o, m	-	Madeira (Funchal)	66	54	o, o	-
Vienna	41	21	o, o	-					
Florence	42	38	o, b	-	Geneva	28	*	o	Measured 7 a.m.
Rome	45	38	o, o	-	Berne	28	*	o	-
Naples	47	39	o, o	-	Coire	21	*	b	-
Palermo	55	35	b, b	-	Castasegna	30	*	b	0.08
Brindisi	51	36	b, bc	0.39	Lugano	41	*	b	-
Malta	55	47	o	0.04	Davos	21	*	b	-

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (" ")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

21 st Dec. 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.4	11.51	3.38
Greenwich	8.5	11.58	3.51
Wick	9.3	12.10	3.17
Valencia	8.49	12.39	4.29

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Saturday,

Meteorological Office, London.

22nd December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Temp.		Weather.	Sun. shine.	Rainfall.		
				At 92° Fahr. and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12.)	At 92° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.		Dirac.	Force (0 to 12.)				Max.	Min.
SCANDINAVIA.	Haparanda...	29.74	39	WSW	4	b	30.20	+2.7	21	21	-2.0	N	2	b	*	45	21	*	*	-	
	Hernösand ...	30.32	35	2	0	b	30.50	+1.5	34	33	0	ESE	2	b	*	39	34	*	*	-	
	Stockholm ...	30.49	39	SW	4	0	30.56	0.0	33	33	-2	SW	2	f	*	39	33	*	*	-	
	Wisby...	30.66	36	W	3	0	30.60	-0.9	38	36	+4	W	4	o	*	38	32	*	*	-	
	Karlstad ...	30.53	37	2	0	b	30.58	+0.1	31	30	-7	SW	2	f	*	*	*	*	*	-	
	Færder (X'ania Fjord)	30.53	41	SW	1	b	30.55	+0.3	34	34	-9	2	0	f	1	45	34	*	*	-	
	Bodö ...	29.97	41	SSW	9	r	30.34	+4.4	36	35	-9	NW	3	5	2	45	32	*	*	0.35	
	Christiansund ...	30.48	45	SW	8	c	30.45	+1.3	41	40	-7	SW	2	r	6	50	41	*	*	0.55	
Skudesnaes ...	30.65	45	2	0	0	30.60	-0.3	44	43	-1	2	0	0	3	45	43	0	*	-		
BRITISH ISLANDS.	Sumburgh Head	30.50	48	WSW	3	0	30.44	+0.3	46	45	-2	WSW	2	0	3	49	45	0	*	0.02	
	Stornoway ...	30.51	49	SSW	2	0	30.46	+0.2	46	46	-2	SW	2	0	2	50	45	0	0.0	-	
	Malin Head ...	30.55	41	SSE	3	ogm	30.50	-0.2	38	37	-5	S	2	ogm	1	44	37	m.ogm	*	-	
	Blacksod Pt. ...	30.50	46	SE	1	om	30.52	-0.1	41	38	-7	SE	1	c	2	49	38	om, o, bc	*	-	
	Valencia ...	30.53	43	ESE	1	om	30.50	-0.2	41	39	-3	E	1	om	3	46	37	o, om	0.7	-	
	Roche's Point ...	30.56	41	E	2	m	30.51	-0.4	41	39	-4	E	3	om	2	45	31	m. o	*	-	
	Birt Castle ...	30.56	41	E	2	0	30.52	-0.4	40	38	-2	SE	1	0	*	43	37	0	0.0	-	
	Donaghadee ...	30.60	43	ESE	3	m	30.55	-0.7	40	39	-4	2	0	m	0	44	39	ogm	*	-	
	Liverpool Obsy...	30.62	36	E	3	0	30.57	-0.7	30	29	-6	SE	3	bc	?	37	30	o, om	*	-	
	Holyhead ...	30.56	38	E	2	bc	30.53	-0.5	36	36	-2	2	0	0	0	40	35	o, bc	*	-	
	Pembroke (St. Ann's Hd.)	30.55	37	ENE	3	0	30.51	-0.7	32	30	-3	NE	3	bc	2	39	29	cg, o, bc	0.0	-	
	Scilly (St. Mary's)	30.47	43	NE	3	0	30.41	-0.8	42	39	-3	ENE	4	c	3	46	41	0	0.0	-	
	Jersey (St. Aubins)	30.47	37	E	3	0	30.38	-1.2	28	27	-10	ENE	3	b	3	38	28	og, c, bm	0.0	-	
	Portland Bill ...	30.49	37	NE	5	0	30.42	-1.0	35	33	-5	NE	5	0	4	41	33	0	*	-	
	Dungeness ...	30.48	38	ENE	5	b	30.39	-1.4	36	34	+1	ENE	5	bc	4	38	32	bc, b	0.6	-	
	Wick ...	30.50	38	SW	2	c	30.47	+0.1	43	41	-2	SW	2	0	1	48	40	-	*	-	
	Nairn ...	30.55	38	2	0	b	30.49	-0.1	43	41	-3	W	1	0	1	47	36	-	0.0	-	
Aberdeen ...	30.60	39	SW	2	m	30.54	-0.5	37	37	0	SSW	2	cm	2	40	34	bm, m	0.4	0.01		
Leith ...	30.59	43	NE	1	c	30.54	-0.5	41	40	-5	W	1	f	*	47	36	om, c	*	-		
North Shields	30.64	39	SSW	2	0	30.57	-0.8	34	32	-2	SSW	2	c	2	40	31	0	*	-		
Spurn Head ...	30.63	38	ESE	3	0	30.55	-0.9	40	38	+1	ENE	1	c	2	40	37	o, sv	*	-		
Yarmouth ...	30.61	37	ESE	4	c	30.51	-1.1	40	36	+4	E	5	b	4	40	35	c	*	-		
Clacton-on-Sea ...	30.60	38	E	5	b	30.49	-1.4	37	35	+1	ENE	3	b	2	40	34	c, bc, b	0.6	-		
Nottingham ...	30.64	35	ESE	1	0	30.56	-0.8	34	33	-3	NNE	1	cm	*	37	30	0	0.0	-		
Bath ...	30.57	36	E	5	0	30.51	-0.8	34	32	-3	NE	3	0	*	38	30	-	0.0	-		
Oxford ...	30.62	32	ENE	2	0	30.52	-1.0	34	33	-3	ENE	1	0	*	37	31	og, o	*	-		
London (St. James' Park)	30.58	35	E	2	bc	30.47	-1.1	33	33	-5	NE	1	bm	*	38	33	o, c, bc, b	0.0	-		
GERMANY, & C.	The Scaw (Skagen)	30.62	43	WNW	4	m	30.59	-1.0	39	38	+4	WSW	4	m	1	43	34	*	*	-	
	Fanø ...	30.76	28	SE	2	0	30.70	-1.0	27	27	-4	E	1	c	*	32	28	*	*	-	
	Cuxhaven ...	30.78	26	SE	2	m	30.68	-1.1	20	19	-6	SE	2	0	*	27	19	*	*	-	
	The Helder ...	30.69	38	E	2	m	30.60	-1.2	25	25	-3	E	1	b	1	?	25	*	*	-	
	Brussels ...	*	*	*	*	*	30.48	-1.6	20	19	-5	ENE	3	b	*	31	19	*	*	-	
	Berlin ...	30.82	18	ENE	4	0	30.76	-0.4	14	14	-5	ESE	2	s	*	23	14	*	*	-	
	Frankfurt ...	30.59	21	NE	4	b	30.51	-1.4	19	18	-2	NE	5	b	*	28	19	*	*	-	
Munich ...	30.55	14	2	0	0	30.55	-0.6	8	8	-10	SE	3	b	*	21	7	*	*	-		
FRANCE.	C. Gris Nez ...	30.56	30	ENE	4	b	30.47	-1.2	24	23	-5	ENE	4	m	4	34	23	*	*	-	
	Brest ...	30.38	38	NE	4	0	30.36	-0.6	34	32	-5	E	4	bc	3	45	30	*	*	-	
	Lorient ...	30.45	33	NE	3	0	30.38	-0.4	26	26	-6	NE	3	0	1	42	26	*	*	-	
	Rochefort ...	30.32	33	ENE	5	b	30.28	-1.0	29	28	-7	ESE	5	b	*	37	27	b	*	-	
	Biarritz ...	30.25	37	E	2	m	30.19	-0.9	35	35	0	2	0	m	1	37	32	*	*	-	
	Paris ...	30.47	25	NE	2	b	30.38	-1.4	21	20	-7	NE	2	b	*	33	21	*	*	-	
	Belfort...	30.46	21	ENE	7	m	30.39	-1.1	19	19	-2	ENE	7	m	*	26	19	0	*	-	
Lyons ...	30.46	28	N	1	b	30.44	-0.1	18	18	-6	N	1	b	*	32	18	*	*	-		
Nice ...	30.23	39	E	4	bc	30.23	-0.4	38	33	-1	E	2	c	6	46	34	*	*	-		
Perpignan ...	30.24	37	W	2	r	30.19	-1.1	36	36	+2	W	2	r	*	39	33	*	*	3.31		
SPAN. PEN.	Corunna ...																	*	*	-	
	Lisbon ...	30.02	48	NNW	3	b	30.01	-1.3	40	37	-4	NE	4	b	*	54	37	*	*	-	
	Azores (P. Delgada)...	29.60	61	ESE	4	0	29.72	+0.5	60	57	-3	SE	3	m	5	64	57	*	*	0.47	
" (Horta) ...	29.52	61	ESE	4	bc	29.63	-0.4	57	56	-3	NNW	2	r	2	63	57	*	*	0.59		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.3 in., but for Sumburgh Head +0.4 in.; for stations South of Malin Head and North Shields +0.2 in., but for Scilly and Jersey +0.1 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR SATURDAY, 22ND DECEMBER, 1906.

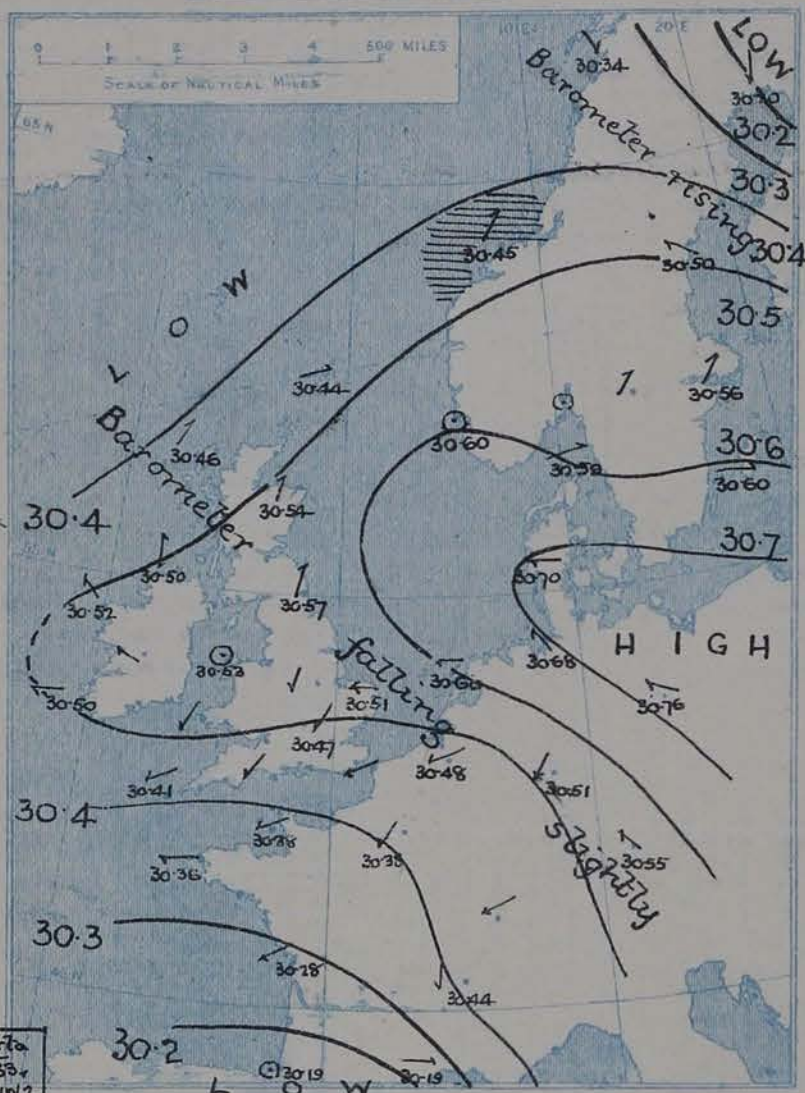
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 ——— Force 5 to 7 ——— } Calm Ⓞ
Force 8 to 10 ——— Force 1 to 4 ———

SEA—Rough High

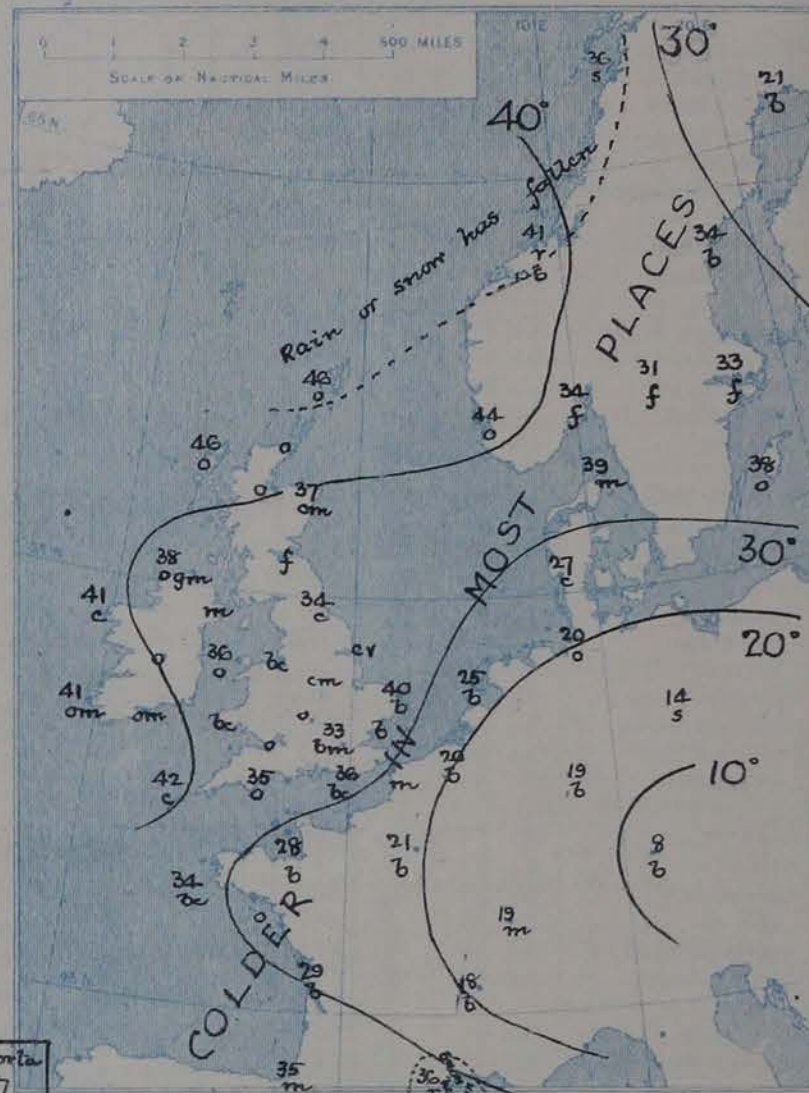


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

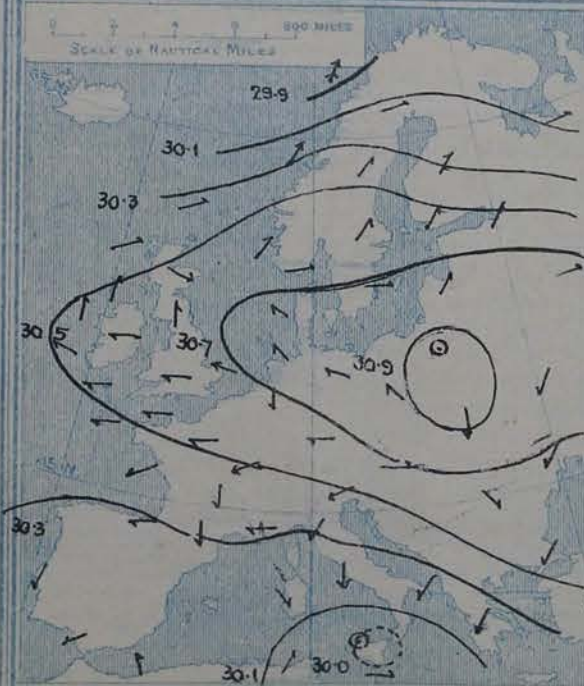
WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. BRIGHT SUNSHINE IN 1906.

Total Duration recorded in various districts of the United Kingdom in the 50 weeks ended Saturday 15TH DEC^R with the percentage of the average duration for the corresponding period.

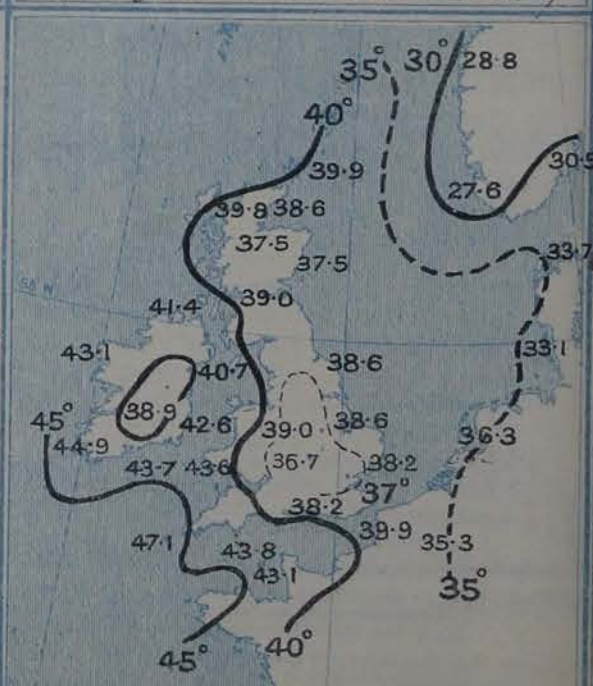


V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

DECEMBER - JANUARY.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Very little change has occurred in the general distribution of pressure since yesterday morning, but except in the north of Scotland and over Scandinavia the barometer is lower than it was at the same hour yesterday. The readings range from 30.7 ins. and above over N. Germany and its neighbourhood to 30.2 ins. and less over Lapland, and to 30.0 ins. in the south of Portugal.

WIND

TEMPERATURE

WEATHER

AND

SEA

The E.^s current of wind over our southeastern and southern coasts and the Bay of Biscay has freshened somewhat, but the S.^s and S.W.^s winds over our northwestern and northern districts and throughout Scandinavia are very light. A very general fall of temperature has taken place both over our Islands and the western countries of the Continent. The highest readings, 46°, are reported from the Shetlands and Hebrides, whence the values decrease to 33° in London, 30° at Liverpool, 21° at Paris, 14° at Berlin, and to 8° at Munich. The sky has cleared in several parts of England, and the weather is also fair or fine over considerable portions of France, Germany, the Low Countries and Sweden; over Ireland and Scotland, however, it continues very cloudy or quite overcast. Rain or snow is falling along the west and northwest coasts of Norway, snow at Berlin, and rain at Perpignan. The sea is rough at Christiansund, moderate on some parts of our southeastern and southern coasts, slight to smooth elsewhere.

The maximum temperatures recorded yesterday were above 45° in Ireland and some parts of Scotland, but below 40° at several English stations, and below 32° over Germany and the east of France. A considerable quantity of rain or snow has fallen in Norway, and as much as 3.3 ins. at Perpignan. Scarcely any bright sunshine was recorded yesterday, except at Lough and Aberystwyth, where there were between 4 and 5 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are no indications that any great change in the pressure distribution will take place during the ensuing 24 hours, but the central area of the anticyclone over Germany and the Baltic will probably recede further to the NE.^o, while the barometer over our Islands falls slowly under the influence of low pressure systems both to the southwestward and northwestward.

NOTICE. The Daily Weather Report for Monday, December 24th will be published on that day as usual. The Reports for Sunday, December 23rd, Tuesday, December 25th (Christmas Day), and Wednesday, December 26th, will be published, with that for Thursday, on Thursday, December 27th.

FORECASTS*

For the 24 hours ending at NOON on 23rd December, 1906.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	{ S. ^s and S.W. ^s winds, light or moderate; cloudy or overcast; moderate temperature.
1	SCOTLAND EAST	
2	ENGLAND N.E.	{ E. ^s or Variable winds; fair generally; cold, frost at night.
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	{ Light E. ^s and NE. ^s winds; generally fair, mist locally; cold, frost at night.
5	ENGLAND SOUTH	{ E. ^s and NE. ^s winds, moderate or fresh on coast; fair generally; cold, frost at night.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos. 0 and 1
7	ENGLAND N.W.	Same as No. 2.
8	ENGLAND S.W.	Same as No. 5.
9	IRELAND NORTH	Same as Nos. 0 and 1
10	IRELAND SOUTH	{ E. ^s winds, light or moderate; fair generally; cold.

WARNINGS

NONE ISSUED.

Note. The South Cone, point downwards (⌋), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (⌋), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

22ND DECEMBER, 1906

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.			
Blackpool, to 9 p.m.	40	34	o	0.0	-	Eastbourne, to 6 p.m. ...	39	31	*	0.0	-
Southport, to 6 p.m.	38	?	?	0.0	?	Bexhill-on-Sea, to 9 p.m. ...	40	32	v	0.0	-
Rhyl, to 6 p.m.	40	34	?	0.0	-	Hastings	*	*	*	0.0	*
Llandudno, to 9 p.m.	42	35	om	0.0	-	Folkestone, to 6 p.m. ...	40	31	o, bc, b	0.5	-
Bettws-y-Coed, to 6 p.m.						Broadstairs,	*	*	*		*
Towyn, to 6 p.m.	40	35	c, b	5.0	-	Margate, to 6 p.m. ...	37	33	o, b	0.2	-
Aberystwyth, to 6 p.m.	43	32	c, b, o	4.3	-	Lowestoft, to 6 p.m. ...	38	34		0.0	-
Plymouth, to 9 p.m.						Skegness	38	35	o, c	0.0	-
Torquay, to 6 p.m.	40	36	*	0.0	-	Scarborough, to 6 p.m. ...	40	34	*	0.0	-
Bournemouth, to 6 p.m. ...	39	33	*	0.0	-	Harrogate, to 6 p.m. ...	44	32	om	0.0	0.01
Bognor,	*	*	c, o	0.0	*	Darwen, to 9 p.m. ...					
Worthing	36	34	o, c	0.0	-	Manchester, to 9 p.m. ...					
Brighton	36	33	*	0.0	0.01	Birmingham, to 9 p.m. ...					

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

STATIONS 21 ST Dec 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 21 ST Dec 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg	27	21	o, o	-	Algiers	59	46	bc, o	-
Utrecht	36	23	o, b	-	Tunis	52	36	c, bc	-
Groningen	34	25	o, o	-	Madeira (Funchal)	64	54	c, o	-
Vienna	27	16	o, o	-					
Florence	43	35	b, bc	-	Geneva	30	*	1 p.m.	Measured 7 a.m.
Rome	49	37	b, o	-	Berne	27	*	o	-
Naples	47	40	bc, o	-	Coire	23	*	o	-
Palermo	52	41	o, c	0.39	Castasegna	30	*	o	-
Brindisi	52	42	b, o	-	Lugano	36	*	o	-
Malta	56	47	o	0.20	Davos	14	*	b	-

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	22 ND Dec 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth	8.5	11.52	3.39
Holland	7 a.m. (,, ,,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	8.6	11.59	3.52
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	9.4	12.11	3.18
Belgium	7 a.m. (West European)	7 a.m.	Not published	—	Valencia	8.50	12.40	4.30
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Sunday,

Meteorological Office, London.

23rd December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)		Max.	Min.					
SCANDINAVIA.	Haparanda...	Ins.	°				Ins.	Ins.	°	°	°				°	°		Hours.	Ins.		
	Hernösand ...	30.50	18	Z	0	b	30.31	+11	32	32	+11	SSW	2	b	*	37	18	*	-		
	Stockholm ...	30.58	34	Z	0	o	30.34	-16	31	31	-3	S	4	o	*	41	31	*	0.08		
	Wisby...	30.58	33	SW	2	m	30.49	-07	36	36	+3	SSW	2	f	*	39	32	*	-		
	Karlstad ...	30.59	39	W	4	o	30.54	-06	37	36	-1	SSW	2	f	*	39	34	*	-		
	Færder (X'ania Fjord)	30.57	32	Z	0	f	30.46	-12	37	36	+6	SW	2	o	*	41	32	*	0.04		
	Bodö ...	30.54	33	Z	0	f	30.38	-17	41	39	+7	SW	6	o	3	41	32	*	-		
	Christiansund ...	30.36	36	N	2	b	29.94	-40	41	40	+5	SW	2	r	2	41	30	*	0.04		
BRITISH ISLANDS.	Skudesnaes ...	30.36	42	Z	0	r	30.03	-42	39	38	-2	NNE	2	o	5	43	37	*	0.39		
	Skudesnaes ...	30.53	42	SW	4	o	30.36	-24	42	39	-2	S	6	c	4	45	41	o	-		
	Sumburgh Head	30.31	45	WSW	3	o	29.98	-46	44	43	-2	SW	3	o	4	47	42	o	0.03		
	Stornoway ...	30.30	44	SW	3	o	30.18	-28	42	42	-4	WSW	3	o	3	47	41	o	0.03		
	Malin Head ...	30.39	38	S	3	ogw	30.23	-27	37	36	-1	SW	3	o	2	39	26	om,ogm	-		
	Blacksod Pt. ...	30.43	43	SE	2	om	30.30	-22	45	44	+4	SE	2	om	2	45	38	o,cm,d	0.04		
	Valencia ...	30.42	40	NNE	1	om	30.34	-16	37	36	-4	Z	0	o	4	43	36	om	-		
	Roche's Point ...	30.42	39	E	3	m	30.34	-17	36	35	-5	NNE	2	m	1	42	36	om	-		
GERMANY, & C.	Birr Castle ...	30.44	35	Z	0	o	30.33	-19	34	33	-6	Z	0	o	4	40	32	-	0.7		
	Donaghadee ...	30.45	38	SW	1	m	30.31	-24	34	34	-6	WSW	1	c	0	42	32	omg	-		
	Liverpool Obsy...	30.43	33	E	1	m	30.35	-22	30	29	0	SE	2	o	1	35	26	-	-		
	Holyhead ...	30.40	40	NE	1	om	30.31	-22	37	37	+1	SW	1	o	1	41	32	om	-		
	Pembroke (St. Ann's Hd.)	30.37	37	NE	3	bc	30.32	-19	33	31	+1	NE	2	b	2	38	30	bc,c,bc	0.2		
	Scilly (St. Mary's)	30.33	39	NE	1	bc	30.27	-14	39	36	-3	ENE	2	c	2	46	38	bc	4.0		
	Jersey (St. Aubins)	30.28	38	E	3	bc	30.31	-07	28	27	0	ENE	1	b	1	39	28	b,bcm	3.0		
	Portland Bill ...	30.30	37	ENE	6	om	30.30	-12	35	33	0	ENE	4	o	4	38	34	bc,om	-		
FRANCE.	Dungeness ...	30.34	31	ESE	4	o	30.31	-08	25	24	-11	NNE	1	b	1	38	24	bc,o	3.2		
	Wick ...	30.37	42	SW	2	bc	30.07	-20	42	40	-1	SW	3	c	2	49	39	-	-		
	Nairn ...	30.37	41	Z	0	o	30.12	-37	41	38	-2	WSW	1	bc	1	44	36	-	0.0		
	Aberdeen ...	30.41	37	SSW	3	o	30.20	-34	34	33	-3	SSW	2	b	2	40	33	bcm,o,b	0.2		
	Leith ...	30.41	40	WSW	1	cm	30.27	-27	36	34	-5	WSW	2	bcm	*	41	35	-	-		
	North Shields ...	30.45	36	SSW	2	cm	30.31	-26	28	27	-6	SW	1	c	2	36	25	o,cm,f	-		
	Spurn Head ...	30.41	40	E	3	b	30.32	-23	32	31	-8	S	2	cm	3	44	32	-	-		
	Yarmouth ...	30.39	38	E	5	c	30.34	-17	34	32	-6	S	2	cm	3	40	33	b,c	-		
SPAIN, PEN.	Clacton-on-Sea ...	30.39	36	E	5	c	30.36	-13	27	26	-10	NNW	2	b	1	39	26	b,bc,c	6.1		
	Nottingham ...	30.43	34	NNE	2	b	30.36	-20	30	29	-4	SSE	1	o	*	39	30	bm,b	2.9		
	Bath ...	30.36	34	NE	3	c	30.38	-13	30	29	-4	E	1	o	*	40	30	-	4.4		
	Oxford ...	30.37	36	NE	2	o	30.38	-14	28	27	-6	SSW	1	o	*	40	27	bc,b,o	-		
	London (St. James' Park)	30.34	37	ENE	2	o	30.35	-12	28	28	-5	Z	0	o	*	38	28	bc,b,o	0.5		
	The Scaw (Skagen)	30.58	38	WSW	3	m	30.49	-10	36	31	-3	WSW	2	bc	1	39	26	o	-		
	Fanö ...	30.58	23	E	1	b	30.48	-22	23	23	-4	E	1	f	*	30	21	*	-		
	Cuxhaven ...	30.62	23	SE	2	b	30.45	-23	21	20	+1	SE	2	b	*	25	18	b,d	-		
SPAN. PEN.	The Helder ...	30.49	26	ESE	1	b	30.38	-22	25	24	0	ESE	1	m	0	28	23	*	-		
	Brussels ...	30.49	26	ESE	1	b	30.32	-16	19	19	-1	Z	0	b	*	29	17	*	-		
	Berlin ...	30.67	13	ESE	3	b	30.54	-22	10	9	-4	ESE	2	b	*	18	10	*	-		
	Frankfurt ...	30.44	25	NE	3	b	30.36	-15	16	16	-3	NE	3	bc	*	30	16	*	-		
	Munich ...	30.50	9	Z	0	f	30.41	-14	10	10	+2	Z	0	f	*	18	5	*	-		
	C. Gris Nez ...	30.36	27	ENE	3	b	30.32	-15	24	23	0	ENE	3	m	2	32	21	*	-		
	Brest ...	30.25	28	E	2	m	30.23	-13	29	?	-5	ENE	3	bc	2	43	28	*	-		
	Lorient ...	30.24	32	E	4	b	30.24	-14	27	27	+1	ENE	4	o	2	36	26	*	-		
FRANCE.	Rochefort ...	30.22	32	NE	2	b	30.17	-11	43	36	+14	NE	2	o	*	43	29	b	-		
	Biarritz ...	30.13	40	Z	0	m	30.07	-12	36	35	+1	ESE	1	bc	1	41	34	*	-		
	Paris ...	30.23	22	E	1	b	30.33	-05	18	18	-3	ENE	1	b	*	26	18	*	-		
	Belfort...	30.40	19	ENE	5	m	30.33	-06	14	14	-5	E	2	m	*	24	14	*	-		
	Lyons ...	30.37	26	ESE	1	b	30.34	-10	20	20	+2	ESE	1	c	*	31	18	*	-		
	Nice ...	30.23	41	E	4	b	30.24	+01	35	30	-3	E	3	r	6	46	32	*	-		
	Perpignan ...	30.13	46	E	4	r	30.06	-13	42	42	+6	SW	2	r	*	47	36	r	3.58		
	Corunna ...	30.15	48	ENE	1	o	30.23	-	44	43	-	NNE	1	o	3	50	37	*	0.08		
SPAN. PEN.	Lisbon ...	29.97	46	N	3	o	30.11	+10	44	39	+4	NNE	4	b	*	48	40	*	-		
	Azores (P. Delgada)...	30.01	60	NE	2	o	30.19	+47	60	54	0	E	4	o	4	64	57	*	-		
	„ (Horta) ...	30.02	59	NE	3	bc	30.16	+53	60	58	+3	ENE	5	o	3	64	57	*	0.16		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR SUNDAY, 23rd DECEMBER, 1906.

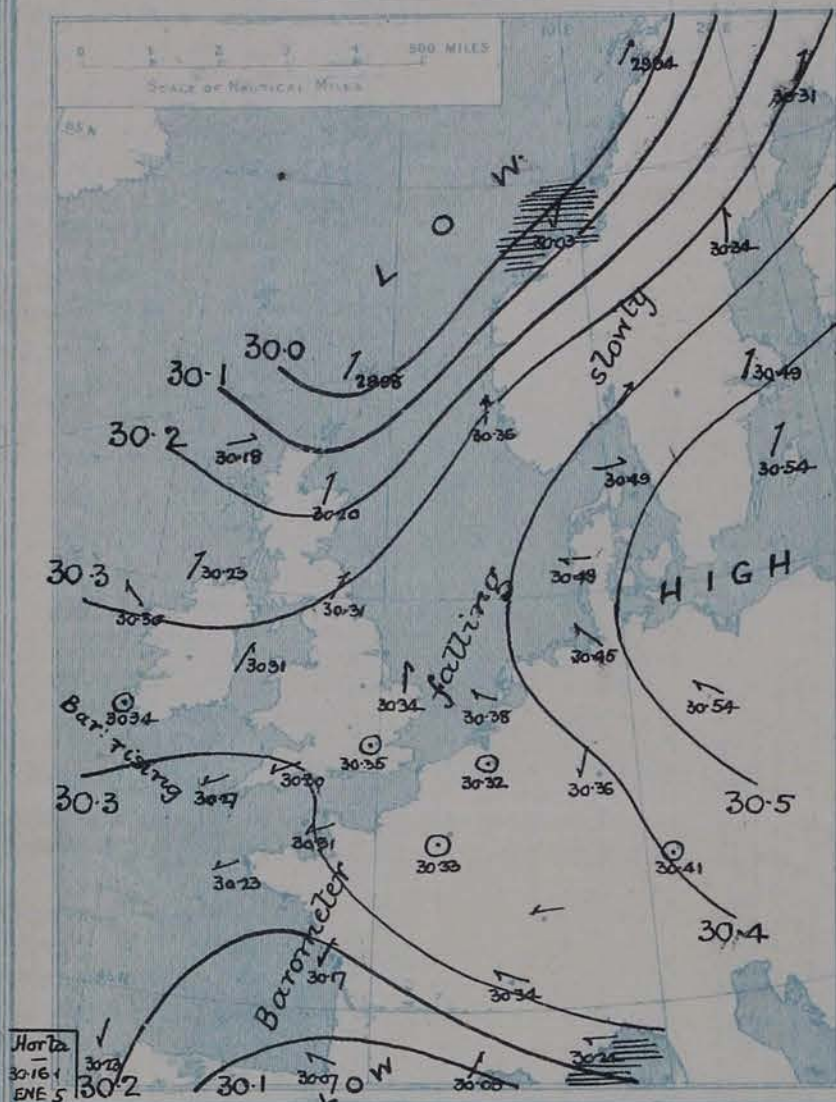
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ——— Force 5 to 7 ——— } Calm ☉
Force 8 to 10 ——— Force 1 to 4 ———

SEA.—Rough ——— High ———

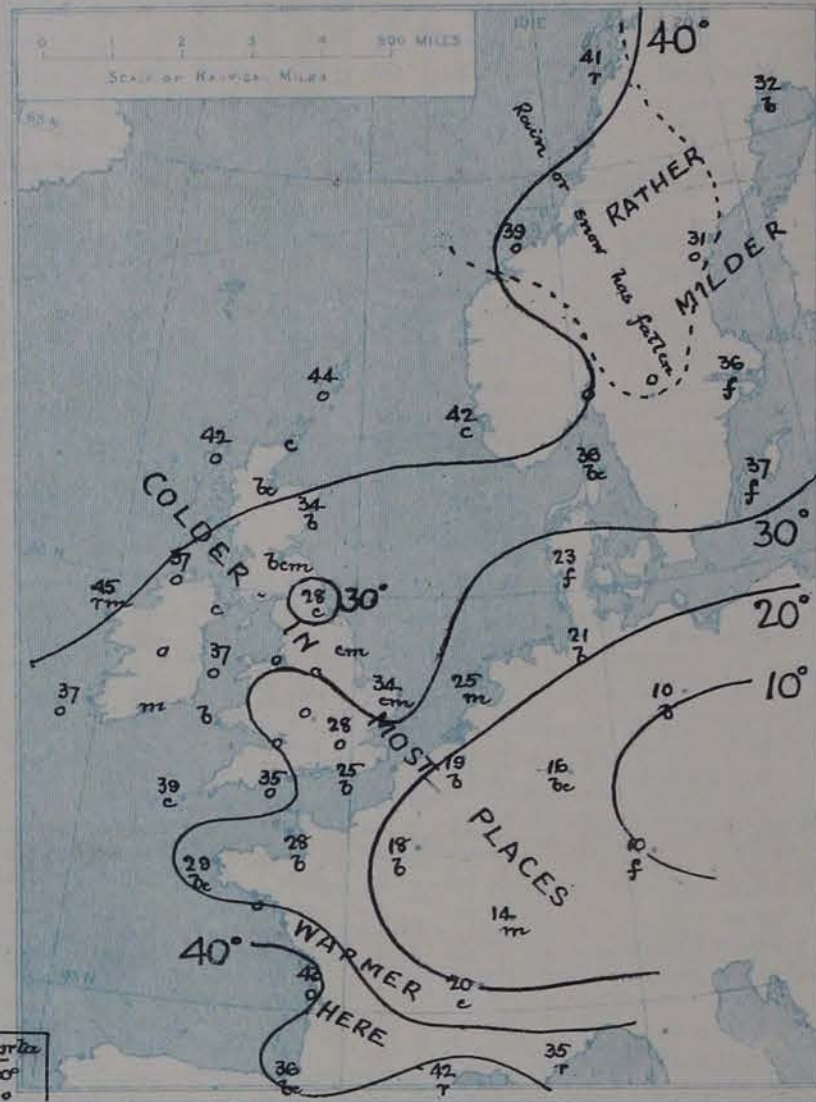


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus .06



III. BAROMETER AND WIND

Yesterday morning.



IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the 50 weeks ended 15th DECEMBER, with the percentage of the average for the corresponding period.

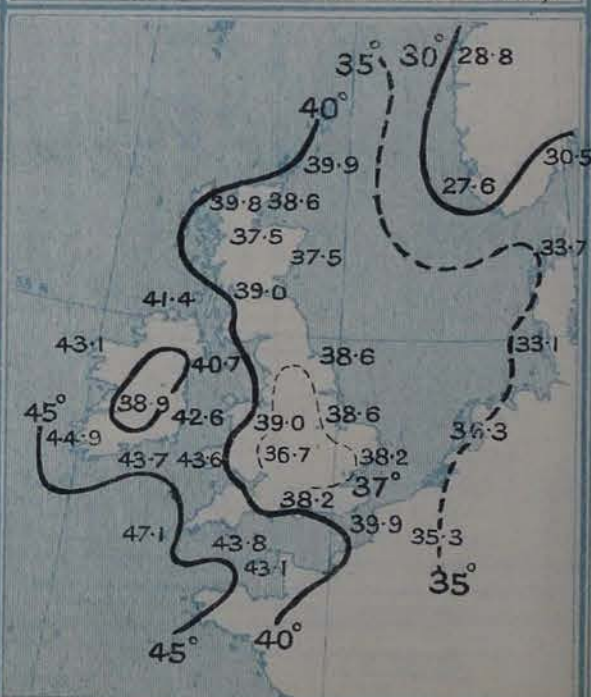
Accumulated values are expressed in Day Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period

DECEMBER - JANUARY.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Pressure has given way throughout the whole of northwestern and central Europe, and as the change has been more brisk in Scotland and Norway than elsewhere the gradients for S.W.^s winds in those countries have increased considerably. The readings now range from above 30.5 ins. over the Baltic and its immediate vicinity to below 30.1 ins. over Spain, and to less than 30.0 ins. to the northward of Scotland.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has changed very little, being still E.^s to NE.^s over England and the nearer countries of the Continent and S.W.^s in the north of our Islands and over Scandinavia; at some stations in the latter region it blows freshly or strongly, but generally it has little strength. Temperature has fallen as a whole, but risen in Sweden and the north of Norway, as well as at some French stations. Readings in these Islands are below 32° in nearly all parts of England, and as low as 25° at Dungeness; towards the west and north they increase to above 40°, the highest figures being 44° at Sumburgh Head and 45° at Blackod Point. Intense frost prevails over Germany and the east of France and the Low Countries; at Berlin and Munich the thermometer marks 10°, at Belfort 14°, and at Paris 18°. The sky is clear in many parts of France and Germany, and also at some of our southeastern stations; over our area as a whole, however, there is much cloud, while rain is falling at Perpignan and Nice, and also at Bodø, and fog prevails at Munich and in the southeast of Sweden. The sea is rough at Nice, rather rough at Christiansund, slight or smooth generally.

The maximum temperatures recorded yesterday were no higher than 18° at some German stations and only 26° at Paris. In the south and east of this country and at Liverpool the thermometres remained below 40°. The frost during the night was very severe over France and Germany; at Munich the minimum was 5°, at Berlin 10°, and at Belfort 14°. More than 3.5 ins. of rain have fallen at Perpignan. Much sunshine was experienced in the east & south of England; more than 5.5 hrs. at Plymouth and Bournemouth, 6.1 hrs. at Blacton-on-Sea, and 7.0 hrs. at Skegness.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 24th December, 1906.

DISTRICTS.

FORECASTS.

- 0 SCOTLAND NORTH
- 1 SCOTLAND EAST
- 2 ENGLAND N.E.
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH

NONE ISSUED.

DISTRICTS.

FORECASTS.

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

NONE ISSUED.

WARNINGS

NONE ISSUED.

Note The South Cone, point downwards (T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

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.			
Blackpool, to 9 p.m. ...	36	27	c, b	1.1	-	Eastbourne, to 6 p.m. ...	*	*	*		
Southport, to 9 p.m. ...	37	28	o, b	0.0	-	Bexhill-on-Sea, to 9 p.m.					
Rhyl, to 6 p.m. ...						Hastings ...	*	*	*	5.1	*
Llandudno, to 9 p.m. ...	37	31	bc	0.9	-	Folkestone, to 6 p.m. ...	38	29	o, bc, b, o	0.3	-
Bettws-y-Coed, to 6 p.m.	38	27	c, bc	0.5	-	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	41	28	o, b	0.0	-	Margate, to 6 p.m. ...	38	32	b, o	4.8	-
Aberystwyth, to 6 p.m. ...	39	30	o, c, o	0.0	-	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	39	33	b, bc	5.8	-	Skegness ...	42	38	b	7.0	-
Torquay, to 6 p.m. ...			*			Scarborough, to 6 p.m. ...			*		
Bournemouth, to 6 p.m. ...	38	29	*	5.6	-	Harrogate, to 6 p.m. ...	36	29	bc	0.0	-
Bognor, ...	*	*	bc	4.0	*	Darwen, to 9 p.m. ...					
Worthing ...	37	29	b, c	5.2	-	Manchester, to 9 p.m. ...	37	29	o, f, bc	0.0	-
Brighton ...			*			Birmingham, to 9 p.m. ...	38	31	o	0.3	-

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

STATIONS. 22 nd Dec. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 22 nd Dec. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	36	27	r, r	-	Algiers ...	59	46	bc, c	-
Utrecht ...	41	18	o, b	-	Tunis ...	52	36	b, bc	-
Groningen ...	27	19	o, o	-	Madeira (Funchal) ...	68	54	o, r	0.55
Vienna ...	25	9	f, f	-	Geneva ...	28	*	1 p.m.	Measured 7 a.m.
Florence ...	39	36	bc, c	-	Berne ...	21	*	o	-
Rome ...	51	39	b, o	-	Coire ...	19	*	bc	-
Naples ...	47	41	o, c	-	Castasegna ...	27	*	b	-
Palermo ...	57	39	r, b	0.47	Lugano ...	36	*	b	-
Brindisi ...	48	36	r, r	0.35	Davos ...	16	*	b	-
Malta ...	56	48	c	0.08					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	23 rd Dec. 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	8.5	11.52	3.39
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	8.6	11.59	3.52
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	9.4	12.11	3.18
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.50	12.40	4.30
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Monday,

Meteorological Office, London. 24th December,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Temp.		Weather.	Sun. shine.	Rainfall.		
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)		Max.	Min.					
SCANDINAVIA.	Haparanda...	Ins.					Ins.	Ins.										Hours.	Ins.		
	Hernösand...	29.88	34	S	6	o	29.55	-0.76	34	33	+2	SW	4	bc	*	34	14	*	0.04		
	Stockholm...	30.02	34	S	4	o	29.77	-0.57	27	27	-4	Z	0	b	*	34	27	*	-		
	Wisby...	30.36	31	SSW	2	b	30.08	-0.41	33	33	-3	SSW	2	o	*	37	30	*	-		
	Karlstad...	30.42	33	S	2	bc	30.17	-0.37	35	33	-2	SSW	4	o	*	39	32	*	-		
	Färder (X'ania Fjord)	30.27	32	SW	4	bc	29.97	-0.49	33	31	-4	WSW	4	o	*	4	3	*	-		
	Bodö...	30.23	38	SSW	5	b	29.86	-0.52	39	38	-2	SSW	6	o	3	41	37	*	-		
	Christiansund...	29.57	40	SW	6	o	29.23	-0.71	35	33	-6	SW	5	o	3	45	32	*	-		
BRITISH ISLANDS.	Skudesnaes...	29.75	45	WSW	6	c	29.58	-0.45	31	30	-8	WSW	6	5	5	45	30	*	0.12		
	Sumburgh Head	30.12	42	SSW	8	4	29.82	-0.54	41	38	-1	W	6	o	4	45	37	c, o	0.28		
	Stornoway...	29.89	41	W	4	o	29.71	-0.27	35	32	-9	W	4	b	4	46	33	c, o	0.26		
	Malin Head...	30.05	40	W	3	+	29.74	-0.44	40	40	-2	SW	3	o	3	43	35	o, r	0.06		
	Blacksod Pt.	30.18	43	NW	5	o	30.03	-0.20	44	42	+7	W	5	c	4	44	36	o, r, c, r	0.10		
	Valencia...	30.32	43	WNW	2	cm	30.23	-0.07	45	44	0	WSW	5	c, r	3	45	40	o, r, b, r	0.13		
	Roche's Point...	30.39	45	N	2	om	30.43	+0.09	46	44	+9	W	4	o	4	47	35	m, o, m, r	0.10		
	Birr Castle...	30.38	40	NNW	1	om	30.42	+0.08	43	42	+7	W	3	o	2	43	36	bc, o	-		
GERMANY, &c.	Donaghadee...	30.34	39	Z	0	+	30.31	-0.02	41	40	+7	SW	2	o	*	43	33	o, r, o	0.05		
	Liverpool Obsy...	30.25	39	SW	2	m	30.17	-0.14	40	39	+6	WSW	3	o	2	40	33	cm, bc, m, r	0.01		
	Holyhead...	30.31	33	SSW	2	c	30.22	-0.13	41	39	+11	WSW	4	o	3	41	30	c, r	-		
	Pembroke (St. Ann's Hd.)	30.29	40	SW	1	om	30.25	-0.06	43	42	+6	WNW	5	o	4	43	37	o, om	0.03		
	Scilly (St. Mary's)	30.35	41	W	1	o	30.35	+0.03	45	41	+12	W	3	c, r	3	45	32	bc, m, r	3.4		
	Jersey (St. Aubins)	30.35	41	ENE	1	b	30.44	+0.17	43	42	+4	WNW	2	+	1	43	38	o, b	0.0		
	Portland Bill	30.34	37	NE	2	bc	30.49	+0.18	41	38	+13	WNW	3	om	3	41	28	cm	4.3		
	Dungeness...	30.35	37	NNE	2	o	30.33	+0.03	45	43	+10	WSW	4	o	4	45	34	o	-		
FRANCE.	Wick...	30.33	27	NW	1	m	30.29	-0.02	27	27	+2	WNW	2	m	1	30	21	m	1.3		
	Nairn...	29.97	38	SW	2	bc	29.79	-0.28	34	32	-2	W	2	bc	2	44	32	bc, s	0.04		
	Aberdeen...	30.08	38	W	1	bc	29.89	-0.23	34	33	-7	W	1	b	0	43	32	-	0.06		
	Leith...	30.08	38	SW	1	m	29.92	-0.28	37	35	+3	SW	2	c	2	40	34	bc, om	0.6		
	North Shields	30.16	40	WSW	3	o	30.01	-0.26	40	38	+4	WSW	3	om	*	41	35	bc, o	-		
	Spurn Head	30.21	31	SW	2	o	30.07	-0.24	39	37	+11	WSW	3	o	2	39	24	-	-		
	Yarmouth...	30.27	30	SW	5	o	30.13	-0.19	37	36	+5	W	4	o	3	37	30	o	-		
	Clacton-on-Sea	30.29	31	WNW	3	c	30.20	-0.14	32	31	-2	W	3	cm	2	35	26	c	-		
SPAN. PEN.	Nottingham...	30.34	27	NW	2	o	30.27	-0.09	30	30	+3	WSW	3	c	2	32	26	bc, c, om	2.0		
	Bath...	30.31	31	WSW	1	o	30.23	-0.13	35	34	+5	WSW	1	om	*	35	29	-	0.0		
	Oxford...	30.38	28	SE	1	bc	30.34	-0.04	34	33	+4	W	1	m	*	35	23	-	3.6		
	London (St. James' Park)	30.38	28	SE	1	c	30.34	-0.04	34	33	+4	W	1	m	*	35	23	-	-		
	The Scaw (Skagen)	30.41	28	SW	1	c	30.31	-0.07	33	32	+5	SW	1	o	*	33	25	o, c	0.0		
	Fanö...	30.35	29	Z	0	o	30.28	-0.07	31	31	+3	Z	0	c	*	31	25	o, b, o	-		
	Cuxhaven...	30.29	34	WSW	3	b	29.99	-0.50	35	34	-1	SSW	5	m	1	37	29	*	-		
	The Helder...	30.23	30	E	1	o	30.09	-0.39	26	35	+13	SW	2	o	*	36	23	*	-		
GERMANY, &c.	Brussels...	30.33	20	SE	2	b	30.21	-0.24	29	28	+8	SW	2	o	*	29	16	*	-		
	Berlin...	30.28	24	S	1	bc	30.22	-0.16	36	34	+11	WSW	2	o	1	36	23	*	-		
	Frankfurt...	*	*	*	*	*	30.34	+0.02	27	27	+8	SW	1	f	*	29	18	*	-		
	Munich...	30.40	20	ESE	2	b	30.30	-0.24	18	17	+8	Z	0	b	*	19	10	*	-		
	C. Gris Nez	30.35	22	NE	3	b	30.37	+0.01	15	15	-1	W	1	f	*	27	14	*	-		
	Brest...	30.41	10	SE	1	b	30.43	+0.02	6	6	-4	Z	0	f	*	16	5	*	-		
	Lorient...	30.33	38	NW	2	m	30.33	+0.01	34	33	+10	WSW	3	m	3	36	24	*	-		
	Rochefort...	30.30	36	NE	4	b	30.45	+0.22	39	39	+10	SE	1	o	1	39	29	*	-		
FRANCE.	Biarritz...	30.24	39	NE	4	c	30.47	+0.23	32	32	+5	NE	2	bc	2	41	27	*	-		
	Paris...	30.21	36	ENE	4	o	30.32	+0.15	28	28	-15	ENE	2	b	*	43	29	+	0		
	Belfort...	30.13	44	Z	0	o	30.29	+0.22	39	?	+3	NE	1	c	1	46	36	*	-		
	Lyons...	30.35	26	N	2	b	30.43	+0.10	26	26	+8	S	1	o	*	32	18	*	-		
	Nice...	30.36	20	ENE	2	m	30.39	+0.06	12	12	-2	WSW	2	f	*	26	10	*	-		
	Perpignan...	30.32	24	SE	1	o	30.42	+0.08	19	18	-1	N	1	o	*	26	19	o, f	-		
	Coruana...	30.15	45	E	3	bc	30.15	-0.09	42	33	+7	Z	0	b	6	48	35	*	-		
	Lisbon...	30.06	43	W	2	o	30.20	+0.14	39	?	-3	NW	2	o	*	50	39	*	5.70		
SPAN. PEN.	Azores (P. Delgada)...	30.16	48	NNW	4	b	30.20	+0.09	45	39	+1	N	5	b	*	52	41	*	-		
	" (Horta)...	30.39	60	NE	5	c	30.49	+0.33	60	55	0	E	5	bc	3	63	59	*	-		

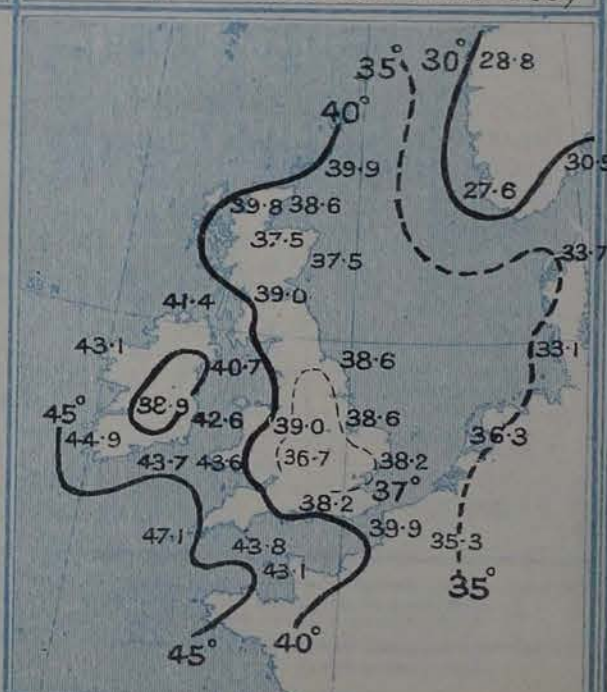
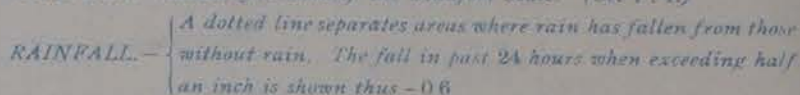
NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.3 in., but for Sumburgh Head +0.4 in.; for stations South of Malin Head and North Shields +0.2 in., but for Bally and Jersey +0.1 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

+ Observations received too late for insertion in Charts on next page.

FOR Monday, 24TH DECEMBER, 1906.

SEA—Rough High 

GENERAL SITUATION AT 8 A.M.

PRESSURE

The fall of the barometer which commenced in the north on Saturday has continued and has extended to nearly the whole of the United Kingdom and Germany. The highest readings, 30.4 ins. and above, are now found in a band stretching from beyond our south-west coasts across the northern half of France to South Germany. To the northward readings decrease to 29.71 ins. at Sunburgh Head, and to 29.23 ins. at Bodö. The decrease of pressure is at present very brisk in the north of Scotland.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has shifted to the Westward throughout these Islands, the Low Countries, Germany, and the north of France, while over Denmark and Scandinavia it is mainly South-Westerly. It blows freshly on some parts of our north-west coasts and freshly or strongly at various stations in Northern Europe, but as a whole it is moderate or light. Temperature has fallen in the north of Scotland, most parts of Scandinavia, and in some French and German localities, risen in most other regions. Over these Islands it ranges from 27° at Dungeness to 33° at Oxford, 34° in the north-east of Scotland, and to 46° at Valencia. On the Continent the coldest weather is still reported from Germany and the east of France, the thermometer marking 6° at Munich, 12° at Belfort and 15° at Frankfurt. In the extreme north of Scandinavia the readings are 34° or 35°. The sky is clear or nearly so in the north-east of Scotland and in various parts of France, Germany and Sweden; as a whole, however, the weather is cloudy or entirely overcast, with passing showers of rain at Blacksod Point, and snow on the west coast of Norway. Fog prevails at Brussels and over South Germany and the east of France.

The sea is rather rough at Christiansund, moderate to smooth on our coasts.

During yesterday the thermometer remained below the freezing point at many of our north-eastern stations and below 20° in some parts of Germany. On our northern and north-western coasts the maximum temperatures were below 40°. Slight rain has fallen in Ireland and Scotland, and rain or snow at some Scandinavian stations. Very little bright sunshine was recorded yesterday except at some stations in the south-east and south-west.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fall of the barometer which is in progress in the north will probably continue for a time, and the resulting Westerly winds over our Islands are likely to cause temperature to become less low over the eastern half of England. Snow and sleet are probable in Scotland, and some rain and sleet over the northern parts of England and Ireland.

FORECASTS*

For the 24 hours ending at NOON on 25th December,

1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
40 SCOTLAND NORTH	W ^{ly} to N.W ^{ly} winds, increasing in force; unsettled, snow or sleet in many places.	46 SCOTLAND WEST	Same as Nos. 0 and 1.
1 SCOTLAND EAST		7 ENGLAND N.W.	Same as No. 2.
2 ENGLAND N.E.	W ^{ly} winds, light or moderate; some showers of sleet or rain; rather less cold.	8 ENGLAND S.W.	Moderate or light W ^{ly} winds; cloudy; moderate temperature.
3 ENGLAND EAST		9 IRELAND NORTH	W ^{ly} to N.W ^{ly} winds, increasing in force; some showers of rain or sleet; rather cold.
4 MIDLAND COUNTIES	Light or moderate W ^{ly} winds; generally cloudy or overcast, with mist locally; temperature becoming less low.	10 IRELAND SOUTH	Same as No. 8
5 ENGLAND SOUTH		WARNINGS	
		At 10.40 a.m. to-day to Districts 0, 6, and part of 9, "HOIST SOUTH CONE."	

Note - The South Cone, point downwards (⌣), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌢), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

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.			
Blackpool, to 9 p.m. ...	44	27	b, o	0.2	-	Eastbourne, to 6 p.m. ...	33	27	*	0.0	-
Southport, to 9 p.m. ...	33	25	o	0.0	-	Bexhill-on-Sea, to 9 p.m. ...	30	27	b, c	0.5	-
Rhyl, to 6 p.m. ...	34	26	?	2.4	-	Hastings ...	*	*	*	1.4	*
Llandudno, to 9 p.m. ...	41	28	bc	1.8	-	Folkestone, to 6 p.m. ...	31	24	?	4.6	-
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	32	24	?	3.0	-
Aberystwyth, to 6 p.m. ...	40	30	c, b, o	3.5	-	Lowestoft, to 6 p.m. ...	35	29	c, o, c, o	1.0	-
Plymouth, to 9 p.m. ...						Skegness ...	33	27	o	0.0	-
Torquay, to 6 p.m. ...	44	35	*	0.0	-	Scarborough, to 6 p.m. ...	41	29	*	0.3	-
Bournemouth, to 6 p.m. ...	35	31	*	0.0	-	Harrogate, to 6 p.m. ...	36	26	o	2.2	-
Bognor, ...	*	*	o	0.0	*	Darwen, to 9 p.m. ...					
Worthing ...	31	29	o, c	0.0	-	Manchester, to 9 p.m. ...					
Brighton ...	31	28	*	0.0	-	Birmingham, to 9 p.m. ...					

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

STATIONS <i>23rd Dec^r 1906.</i>	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg	<i>Observations not received.</i>				Algiers <i>23rd Dec^r 1906.</i>	<i>Observations not received.</i>			
Utrecht... ..					Tunis				
Groningen					Madeira (Funchal)				
Vienna					Geneva <i>22nd Dec^r 1906.</i>	<i>1 p.m.</i>		<i>1 p.m.</i>	<i>Measured 7 a.m.</i>
Florence					Berne		*		
Rome					Coire		*		
Naples					Castasegna... ..		*		
Palermo					Lugano		*		
Brindisi					Davos		*		
Malta									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

24 th Dec. 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	8.6	11.53	3.40
Greenwich ...	8.7	12.0	3.53
Wick ...	9.5	12.12	3.19
Valencia ...	8.51	12.41	4.31

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Tuesday,

Meteorological Office, London.

25th December,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
		At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)		Max.	Min.					
SCANDINAVIA.	Haparanda...	29.47	31	WSW	4	S	29.59	+0.12	23	23	-11	W	2	C	5	34	23			0.12	
	Hernösand...	29.57	32	S	2	O	29.51	-0.06	30	30	+3	Z	0	S	4	34	27			0.04	
	Stockholm...	29.78	28	S	2	O	29.53	-0.25	33	32	0	SSW	6	O	4	34	27			-	
	Wisby...	30.08	34	SW	4	O	29.60	+0.57	31	30	-4	S	4	O	4	37	30			-	
	Karlstad...	29.63	34	SSW	6	S	29.34	+0.63	32	31	-1	SSW	6	S	4	34	30			0.12	
	Færder (X'ania Fjord)	29.58	39	SW	4	bc	29.10	-0.76	35	35	-4	SSE	6	T	4	41	35			0.35	
	Bodö...	29.23	28	E	6	O	29.43	+0.20	29	27	-6	SSW	6	S	3	32	25			-	
	Christiansund...	29.53	31	W	6	S	29.42	-0.16	29	27	-2	NE	2	O	4	31	27			0.59	
	Skudesnaes...	29.38	41	SSE	6	O	29.09	-0.73	29	29	-11	NNW	9	S	5	41	28	C, O		-	
	BRITISH ISLANDS.	Sumburgh Head	29.60	27	N	4	O	29.66	-0.05	23	23	-12	N	5	S	5	37	22	O		0.04
Stornoway...		29.88	33	WNW	4	O	29.96	+0.22	29	29	-11	Z	0	C	0	44	28	tsp, O	0.0	0.03	
Malin Head...		29.91	43	NNE	5	ogp	29.98	-0.05	36	34	-8	NNW	3	bcp	3	47	33	bc, rg, bcp		0.19	
Blacksod Pt. ...		30.07	48	WSW	5	ogp	30.06	-0.17	43	41	-2	WNW	3	op	3	49	41	ogmp, c, o		0.44	
Valencia...		30.26	48	W	6	og	30.14	-0.29	47	44	+1	NW	5	bc	6	50	41	op, og	0.1	0.11	
Roche's Point...		30.17	47	NW	5	og	30.10	-0.32	43	42	0	NW	4	O	2	48	42	o, ogp, bcp		0.02	
Birr Castle...		30.08	46	W	3	O	30.05	-0.26	40	38	-1	W	2	O	1	47	37	cp, O	0.6	0.05	
Donaghadee...		29.90	44	WNW	5	O	29.99	-0.18	35	34	-5	NNW	3	bc	2	46	33	ogmp, bc, s		0.12	
Liverpool Obsy...		29.85	40	WSW	6	T	29.96	-0.26	36	34	-5	NW	4	C	3	45	31	om, T		0.15	
Holyhead...		29.91	47	W	8	ogmp	29.99	-0.26	37	37	-6	NE	4	S	3	47	35	om, ogmp		0.20	
GERMANY, & C.	Pembroke (St. Ann's Hd.)	30.07	47	WNW	6	O	29.99	-0.36	43	40	-2	NW	5	C	5	50	40	cp, ogp	0.0	0.06	
	Scilly (St. Mary's)...	30.28	47	WNW	6	cp	30.06	-0.38	47	44	+4	NNW	6	cp	4	49	42	O, cp	0.0	0.05	
	Jersey (St. Aubins)...	30.25	45	W	3	O	29.95	-0.54	45	42	+4	NW	4	cpm	3	48	40	O, cp, Tm	0.0	0.37	
	Portland Bill...	30.10	47	WSW	6	O	29.95	-0.38	40	38	-5	NNW	5	bc	4	47	38	O		0.03	
	Dungeness...	30.06	40	W	4	T	29.85	-0.44	32	31	+5	NW	3	C	2	40	26	O, T	0.0	0.06	
	Wick...	29.74	32	NW	6	C	29.79	-0.00	26	25	-8	N	5	Cu	4	39	24	-		0.30	
	Nairn...	29.81	32	N	2	bc	29.90	+0.01	29	27	-5	NNW	3	bc	3	42	26	-	0.0	0.14	
	Aberdeen...	29.67	34	NW	5	bc	29.82	-0.10	28	26	-9	WNW	5	bc	3	40	26	ogf, bc, ogp	0.0	0.16	
	Leith...	29.78	37	WSW	3	bc	29.92	-0.09	31	30	-9	NW	4	bc	4	45	30	om, c, p, bc		0.06	
	North Shields...	29.67	43	W	4	cp	29.85	-0.22	28	26	-11	WNW	3	bc	3	44	26	O, cp		0.03	
FRANCE.	Spurn Head...	29.70	40	SW	4	p	29.78	-0.35	31	30	-6	NW	6	bcv	5	42	31	p		0.02	
	Yarmouth...	29.89	37	W	4	og	29.76	-0.44	30	29	-2	NW	5	C	4	37	29	C, og, os		0.15	
	Clacton-on-Sea...	29.99	37	SW	4	m	29.85	-0.42	32	28	+2	NW	4	bc	2	40	30	C, om, bc	0.0	0.07	
	Nottingham...	29.85	41	WSW	2	T	29.89	-0.34	33	30	-2	WNW	1	cm		45	32	om, T	0.0	0.01	
	Bath...	30.05	44	W	6	O	29.98	-0.36	34	33	0	W	1	C		46	33	-	0.0	0.04	
	Oxford...	29.92	43	W	3	O	29.96	-0.35	29	28	-4	W	1	O		44	28	ogcm, rsg		0.12	
	London (St. James' Park)	30.01	39	WSW	3	C	29.89	-0.39	32	31	+1	NNW	1	C		43	31	ogsp, c	0.0	0.04	
	The Scaw (Skagen)	29.59	38	WSW	3	O	29.12	-0.87	36	36	+1	SW	6	m	2	38	34			0.20	
	Fanö...	29.52	36	SSW	5	T	29.37	-0.72	32	32	-4	NW	8	S		37	32			0.59	
	Cuxhaven...	29.93	30	SW	4	S	29.47	-0.74	34	33	+5	S	1	O		34	28	S		0.62	
SPAN. PEN.	The Helder...	29.86	41	WSW	4	O	29.65	-0.57	36	33	0	NNW	7	C	4	41	36			0.20	
	Brussels...						29.78	-0.56	34	32	+7	NW	4	C		37	26			0.28	
	Berlin...	30.05	17	S	3	bc	29.62	-0.68	20	19	-2	S	3	O		21	16			-	
	Frankfurt...	30.12	23	SW	4	C	29.78	-0.59	32	25	+17	SW	3	S		32	25			0.20	
	Munich...	30.31	11	NW	2	bc	29.96	-0.47	15	15	+9	SW	2	O		16	6			-	
	C. Gris Nez...	30.02	41	WSW	5	T	29.88	-0.45	37	32	+3	NNW	5	O	5	46	34			0.20	
	Brest...	30.32	48	WNW	4	O	30.04	-0.41	42	41	+3	NW	5	C	4	48	39			0.04	
	Lorient...	30.39	45	NW	3	O	30.03	-0.44	48	46	+16	NW	4	C		48	32			-	
	Rochefort...	30.41	36	NNE	2	O	30.04	-0.28	46	46	+18	NNW	3	O		47	37			0.04	
	Biarritz...	30.36	45	Z	0	bc	30.15	-0.14	50	48	+11	W	7	O	3	50	37			-	
SPAN. PEN.	Paris...	30.23	33	SSW	2	O	29.86	-0.57	37	37	+11	NW	3	C		47	26			0.39	
	Belfort...	30.36	13	WSW	6	f	29.88	-0.51	23	23	+11	W	4	S		47	12			0.08	
	Lyons...	30.40	22	NNW	1	f	30.04	-0.38	23	23	+4	S	1	S		32	19			-	
	Nice...	30.06	44	NE	2	bc	29.83	-0.32	38	31	+4	E	2	C	4	52	36			-	
	Perpignan...	30.15	47	NW	3	bc	30.05	-0.15	45	37	+6	NW	3	O		52	39			-	
SPAN. PEN.	Corunna...	30.54	53	NNE	3	O			52	49		NW	3	O	5	54	46			-	
	Lisbon...	30.34	50	N	5	bc	30.28	+0.08	48	44	+3	N	5	bc		55	45			-	
	Azores (P. Delgada)...	30.65	58	NE	3	C	30.64	+0.11	56	51	+4	NE	4	C	3	63	55			-	
	„ (Horta)...	30.65	59	SE	4	O	30.64	+0.15	58	55	-2	SW	3	C	3	63	57			-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.03 in., but for Sumburgh Head +0.04 in.; for stations South of Malin Head and North Shields +0.02 in., but for Scilly and Jersey +0.01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Tuesday, 25th DECEMBER, 1906.

I. BAROMETER, WIND AND SEA. This Morning.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10

Force 5 to 7

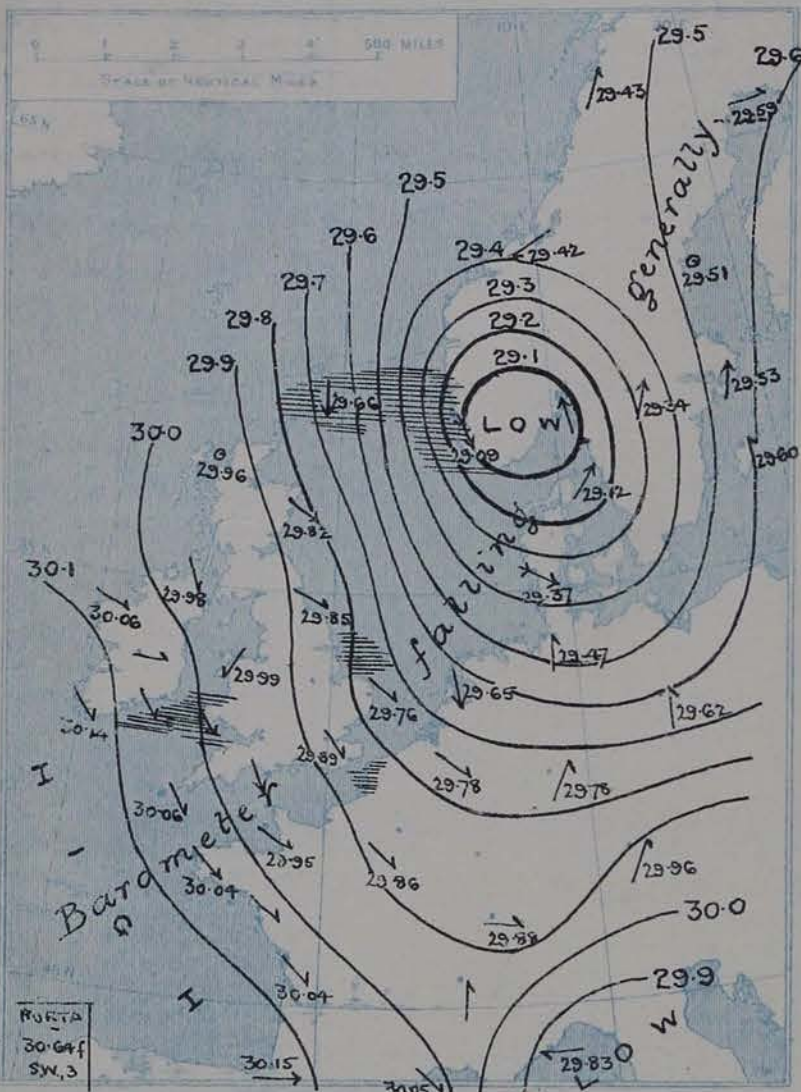
Calm

Force 8 to 10

Force 1 to 4

SEA—Rough

High

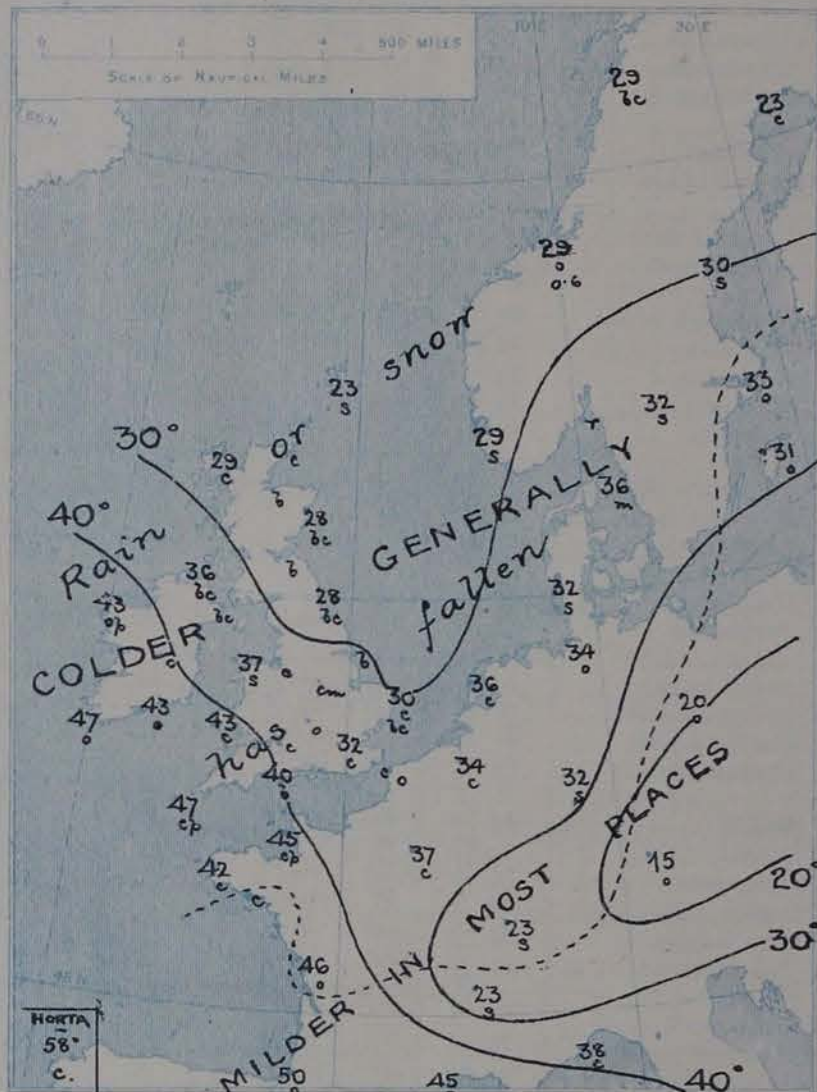


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

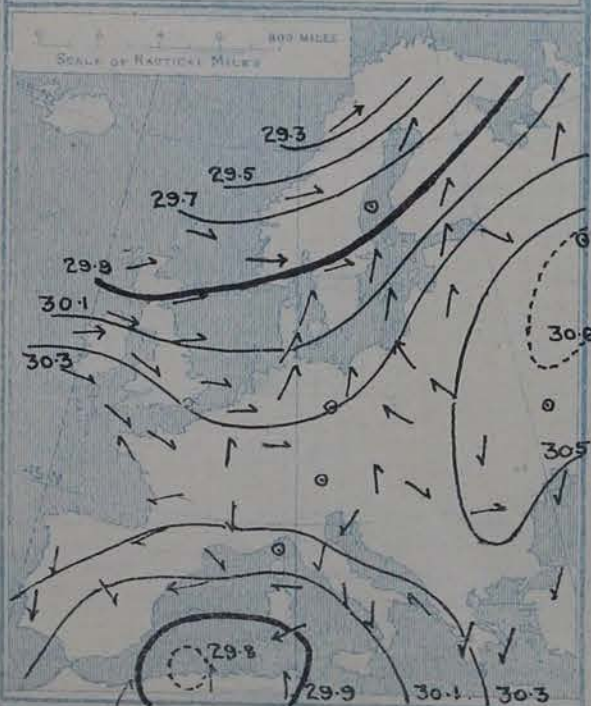
WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. EXTREMES OF TEMPERATURE

recorded

in various districts of the United Kingdom

during the week ended Saturday 22nd December

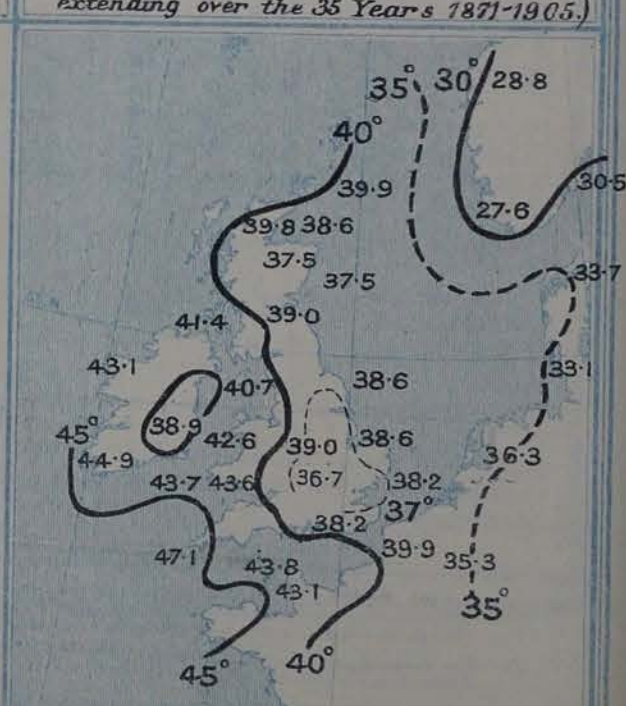


V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

DECEMBER - JANUARY.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning a depression has reached the southwest of Norway, apparently from the N.W., and is increasing steadily in depth. The barometer at its centre is already below 29.1 ins. and the gradient over the North Sea has become steep. Pressure is highest over the western portion of the Spanish Peninsula, where the readings are above 30.2 ins.

WIND

TEMPERATURE

WEATHER

AND

SEA

The N.W. current of wind over the North Sea is very strong generally and blows a gale both at Skudesnaes and Færø, but on our own coasts there is scarcely any force beyond a fresh breeze. Temperature has fallen except in Germany, Belgium and several parts of France. It is as low as 23° in the Shetlands, 25° at Wick and below 32° over the major portion of Great Britain. On the Continent the readings range from 50° at Biarritz to less than 32° generally, to 20° at Berlin, and to 15° at Munich. The weather, although very unsettled, is fair or fine in several places; cloudy or overcast skies, are, however, reported in most parts of our area, with snow in the Shetlands and at various Continental stations, and passing showers at Blackpool Point and Jersey. The sea is rather rough at several exposed places, moderate to smooth elsewhere.

During yesterday the temperature rose to 45° or above in the southwest and west, but failed to touch 40° at some stations in the east and northeast. During the night the minima were as low as 22° at Sumburgh Head, 24° at Wick, and 26° at North Shields. Rain, sleet or snow has fallen in nearly all places, but the quantity has not been generally large, the heaviest measurement being 0.59 in. at Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*







For the 24 hours ending at NOON on 26th December, 1906.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.



- 0  SCOTLAND NORTH
- 1  SCOTLAND EAST
- 2  ENGLAND N.E.
- 3  ENGLAND EAST
- 4  MIDLAND COUNTIES
- 5  ENGLAND SOUTH

NONE ISSUED

- 6  SCOTLAND WEST
- 7  ENGLAND N.W.
- 8  ENGLAND S.W.
- 9  IRELAND NORTH
- 10  IRELAND SOUTH

WARNINGS

NONE ISSUED

Note. The South Cone, point downwards () means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards () means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraphy, see next page.

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.			
Blackpool, to 9 p.m. ...	46	40	o.p. bc	0.0	0.12	Eastbourne, to 6 p.m. ...	41	28	*	0.0	0.07
Southport, to 6 p.m. ...	45	?	?	0.0	?	Bexhill-on-Sea, to 9 p.m. ...	41	31	o.y. o	0.0	-
Rhyl, to 6 p.m. ...	45	33	?	0.0	-	Hastings ...	*	*	*	0.0	*
Llandudno, to 9 p.m. ...	45	39	op	0.0	0.01	Folkestone, to 6 p.m. ...	37	24	od	0.0	0.01
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	38	26	?	0.0	0.05
Aberystwyth, to 6 p.m. ...	45	42	r. o. y	0.0	0.12	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	46	30	f	0.0	0.04	Skegness ...	39	32	o. y	0.2	-
Torquay, to 6 p.m. ...	45	32	*	0.0	-	Scarborough, to 6 p.m. ...			*		
Bournemouth, to 6 p.m. ...	42	28	*	0.0	0.01	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*			*	Darwen, to 9 p.m. ...	42	31	om y, cm	0.0	0.44
Worthing ...	39	26	o. m. y	0.0	0.02	Manchester, to 9 p.m. ...	45	31	ow. bc	0.0	0.24
Brighton ...	40	27	*	0.0	0.03	Birmingham, to 9 p.m. ...	44	28	o. r. o	0.0	0.05

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

STATIONS 24 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 24 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	30	16	o. o	-	Algiers ...	62	45	r. o	0.20
Utrecht ...	25	16	b. m	-	Tunis ...	81	41	c. m	1.18
Groningen ...	28	16	b. o	-	Madeira (Funchal) ...	no ^t received.			
Vienna ...	28	19	b. b	-	Geneva ...	23 rd Dec., 1906. 1 p.m. Observations not received.			
Florence ...	41	32	b. b	-	Berne ...		*		Measured 7 a.m.
Rome ...	53	37	o. o	-	Coire ...		*		
Naples ...	48	42	bc. b	-	Castasegna ...		*		
Palermo ...	60	45	o. o	-	Lugano ...		*		
Brindisi ...	52	40	bc. o	-	Davos ...		*		
Malta ...	no ^t rec ^d								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

25 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	8.6	11.53	3.41
Greenwich ...	8.7	12.0	3.53
Wick ...	9.5	12.12	3.19
Valencia ...	8.51	12.41	4.32

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Wednesday,

Meteorological Office, London.

26th December,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.	
		At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)		Max.	Min.				
SCANDINAVIA.	Haparanda...	Ins.					Ins.	Ins.											Hours.	Ins.	
	Hernösand ...	29.60	31	SW	2	S	29.60	+0	17	17	-6	SE	2	0	*	32	27	*	*	0.32	
	Stockholm ...	29.40	32	Z	0	0	29.21	-30	32	31	+2	N	2	0	*	?	?	*	*	0.99	
	Wisby...	29.32	32	SSE	4	0	29.23	-30	29	28	-4	Z	0	0	*	34	27	*	*	0.08	
	Karlstad ...	29.36	31	SSW	6	S	29.28	-32	29	28	-2	S	4	0	*	36	26	*	*	0.16	
	Færder (X'iania Fjord)	29.13	31	S	6	bc	28.95	-39	31	30	-1	S	8	0	*	4	2	bc, s	*	0.32	
	Bodö ...	28.76	36	S	6	0	28.68	-42	34	31	-1	SSW	6	0	*	37	32	*	*	0.04	
	Christiansund ...	29.53	23	E	2	b	29.36	-07	28	27	-1	SE	4	0	2	29	21	*	*	-	
BRITISH ISLANDS.	Skudesnaes ...	29.09	29	NE	4	S	28.82	-60	31	29	+2	NE	5	0	4	31	27	*	*	0.04	
	Sumburgh Head	28.87	31	WNW	6	c	28.67	-42	29	28	0	E	2	0	4	32	27	S, c	*	-	
	Stornoway ...	29.47	24	N	5	sp	28.89	-77	31	31	+8	W	6	0	6	33	22	S, sp	*	0.06	
	Malin Head ...	29.68	30	Z	0	0	29.37	-59	26	26	-3	N	2	0	2	31	25	0	0.0	0.09	
	Blacksod Pt. ...	29.56	39	NW	5	rm	29.31	-67	32	30	-4	ESE	5	0	3	39	29	S, dm, s	*	0.14	
	Valencia ...	29.62	48	W	6	rg	29.27	-79	40	37	-3	W	6	0	5	48	36	rm, rg, sp	*	0.64	
	Roche's Point ...	29.87	50	W	6	0	29.48	-66	42	36	-5	NNW	7	0	6	51	39	0, 0	0.7	0.16	
	Birr Castle ...	29.80	46	W	3	rg	29.39	-61	38	38	-5	NW	5	0	3	50	38	rg	*	0.10	
GERMANY, &c.	Donaghadee ...	29.68	41	Z	0	7	29.32	-73	24	33	-6	W	2	0	*	48	32	0, 7	0.0	0.16	
	Liverpool Obsy...	29.68	33	WSW	2	5	29.31	-68	34	32	-1	ESE	3	0	6	37	30	bc, og, sp	*	0.13	
	Holyhead ...	29.78	33	W	2	0	29.23	-73	27	26	-9	ESE	4	0	2	37	26	bc, s	*	0.20	
	Pembroke (St. Ann's Hd.)	29.76	37	WSW	3	rgm	29.22	-77	33	33	-4	ESE	4	0	4	41	32	c, rgm	*	0.26	
	Scilly (St. Mary's) ...	29.80	42	WSW	3	0	29.19	-80	40	38	-3	NNW	7	0	6	48	39	og, rg, t	0.0	0.27	
	Jersey (St. Aubins) ...	29.96	46	WNW	2	ap	29.33	-73	46	44	-1	WNW	7	0	5	49	43	c, p	0.0	0.23	
	Portland Bill ...	29.94	41	WNW	2	ogm	29.22	-73	46	43	+1	WNW	5	0	4	47	39	rgm	2.9	0.82	
	Dungeness ...	29.90	38	N	1	c	29.07	-87	44	41	+4	WNW	7	0	5	49	36	0, c, 7	*	0.31	
FRANCE.	Wick ...	29.73	28	WNW	2	bc	28.84	-1.01	37	37	+5	W	6	0	6	41	26	b, bc, s	4.8	0.30	
	Nairn ...	29.59	25	N	3	c	29.44	-65	26	26	0	N	4	0	4	28	22	-	3.0	0.10	
	Aberdeen ...	29.68	26	Z	0	c	29.30	-60	25	24	-4	NNW	2	0	2	30	23	-	3.3	-	
	Leith ...	29.63	27	WNW	4	b	29.22	-60	26	24	-2	WNW	5	0	2	29	23	bc, sp	*	0.02	
	North Shields ...	29.63	27	WNW	4	b	29.22	-60	26	24	-2	WNW	5	0	2	29	23	bc, sp	*	0.02	
	Spurn Head ...	29.73	31	WNW	2	c	29.29	-63	27	27	-4	WNW	3	0	*	32	26	c	*	-	
	Yarmouth ...	29.72	29	W	2	c	29.24	-61	28	26	0	NW	3	0	4	31	23	-	*	-	
	Clacton-on-Sea ...	29.72	32	NW	5	b	29.16	-62	30	29	-1	ESE	4	0	4	34	28	b, og, s	*	0.03	
SPAN. PEN.	Yarmouth ...	29.75	31	NW	5	bc	29.06	-70	32	32	+2	SE	6	0	5	33	26	bc, s	*	0.37	
	Clacton-on-Sea ...	29.83	29	NW	3	b	28.94	-91	33	33	+1	ESE	6	0	5	33	28	bc, bc, os	6.9	0.02	
	Nottingham ...	29.79	30	W	1	0	29.15	-74	28	27	-5	NE	4	0	*	35	26	bc, 0	3.2	0.35	
	Bath ...	29.87	35	NW	1	0	29.11	-87	38	37	+4	W	2	0	*	44	31	-	2.2	0.37	
	Oxford ...	29.80	31	NW	2	0	29.06	-90	29	29	0	NNW	4	0	*	35	29	cm, bc, os	*	0.32	
	London (St. James' Park)	29.84	31	WNW	1	bc	28.95	-94	34	33	+2	NW	3	0	*	36	30	bc, 0, s	2.0	0.24	
	The Scaw (Skagen)	28.98	33	SW	8	S	28.82	-130	32	32	-4	SW	9	0	4	37	32	*	*	0.02	
	Fanö ...	29.28	30	SW	6	0	29.13	-26	31	30	-1	SW	2	0	*	34	28	*	*	0.08	
GERMANY, &c.	Cuxhaven ...	29.49	30	W	2	0	29.26	-21	28	27	-6	SSW	5	0	*	36	27	0, s	*	0.24	
	The Helder ...	29.62	36	NW	4	c	29.27	-38	34	30	-2	WSW	1	0	*	37	30	*	*	0.04	
	Brussels ...	29.29	36	W	4	c	29.29	-49	23	23	-11	SSE	6	0	*	35	23	*	*	0.12	
	Berlin ...	29.56	30	WNW	3	0	29.47	-15	25	24	+5	S	2	0	*	30	16	*	*	0.08	
	Frankfurt ...	29.72	28	SW	2	0	29.52	-26	22	21	-10	SW	2	0	*	32	22	*	*	0.20	
	Munich ...	29.80	26	SW	5	0	29.70	-26	18	17	+3	W	5	0	*	30	15	*	*	0.12	
	C. Gris Nez ...	29.86	33	NW	4	c	?	?	32	32	-5	SSW	4	0	4	37	30	*	*	0.04	
	Brest ...	29.98	48	NW	5	c	29.38	-66	50	50	+8	NW	7	0	4	50	42	*	*	0.20	
FRANCE.	Lorient ...	30.01	46	NNW	3	0	29.35	-68	50	50	+2	WNW	6	0	*	50	43	*	*	0.04	
	Rochefort ...	30.00	45	NNW	4	0	29.57	-47	48	46	+2	WNW	5	0	*	48	41	*	*	0.04	
	Biarritz ...	30.06	50	N	5	0	29.85	-30	52	51	+2	W	6	0	4	52	46	*	*	0.39	
	Paris ...	29.89	31	WNW	4	c	29.18	-68	31	31	-6	S	5	0	*	40	26	*	*	0.08	
	Belfort...	29.82	24	W	4	0	29.58	-30	19	19	-4	W	4	0	*	26	13	*	*	0.16	
	Lyons ...	29.90	32	N	1	0	29.71	-33	24	22	+1	S	1	0	*	29	28	*	*	-	
	Nice ...	29.56	38	Z	0	b	29.49	-34	37	29	+1	NE	2	0	3	46	32	*	*	-	
	Perpignan ...	29.85	48	NW	4	0	29.76	-29	46	43	+1	NW	2	0	*	51	42	*	*	0.08	
SPAN. PEN.	Corunna ...	30.26	51	N	4	b	30.20	-08	52	50	+4	NW	2	0	*	54	48	*	*	-	
	Lisbon ...	30.63	55	N	1	bc	30.56	-08	53	49	-3	NNE	2	0	3	63	62	*	*	-	
	Azores (P. Delgada) ...	30.63	58	NE	2	0	30.66	-08	55	51	-3	NW	2	0	2	63	55	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + 0.3 in., but for Sumburgh Head + 0.4 in.; for stations South of Malin Head and North Shields + 0.2 in., but for Scilly and Jersey + 0.1 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Wednesday, 26th DECEMBER, 1906.

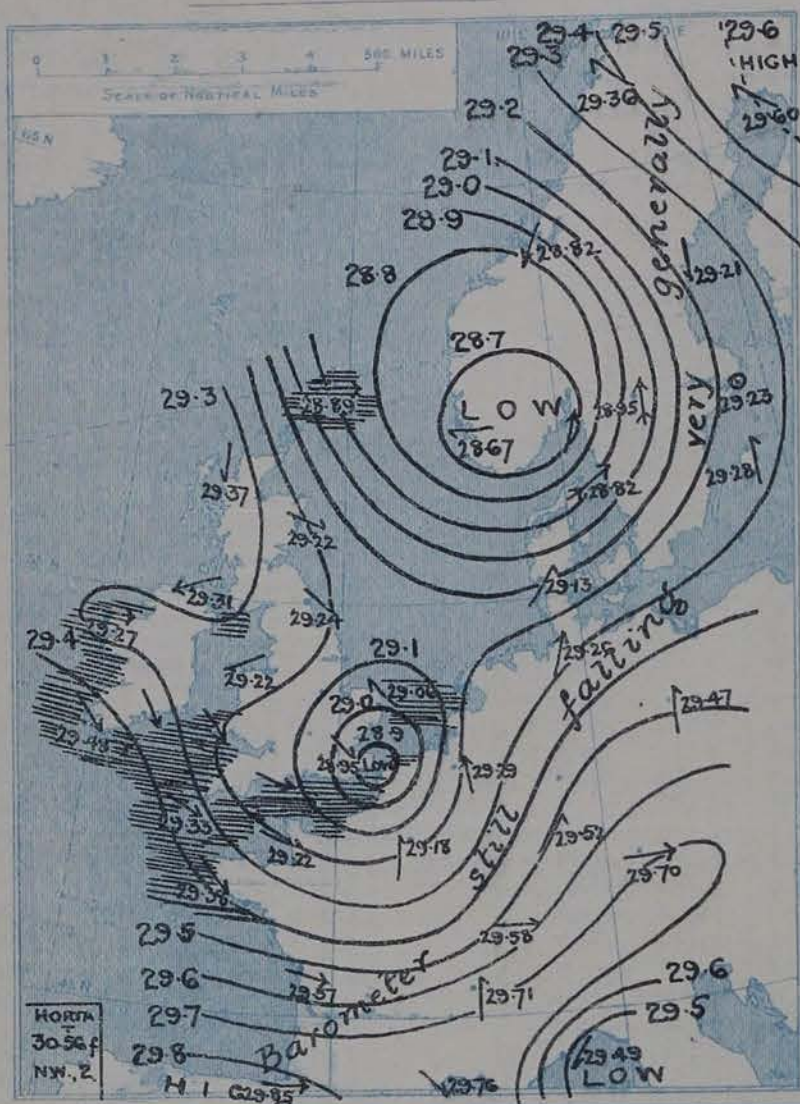
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 → }

SEA—Rough High

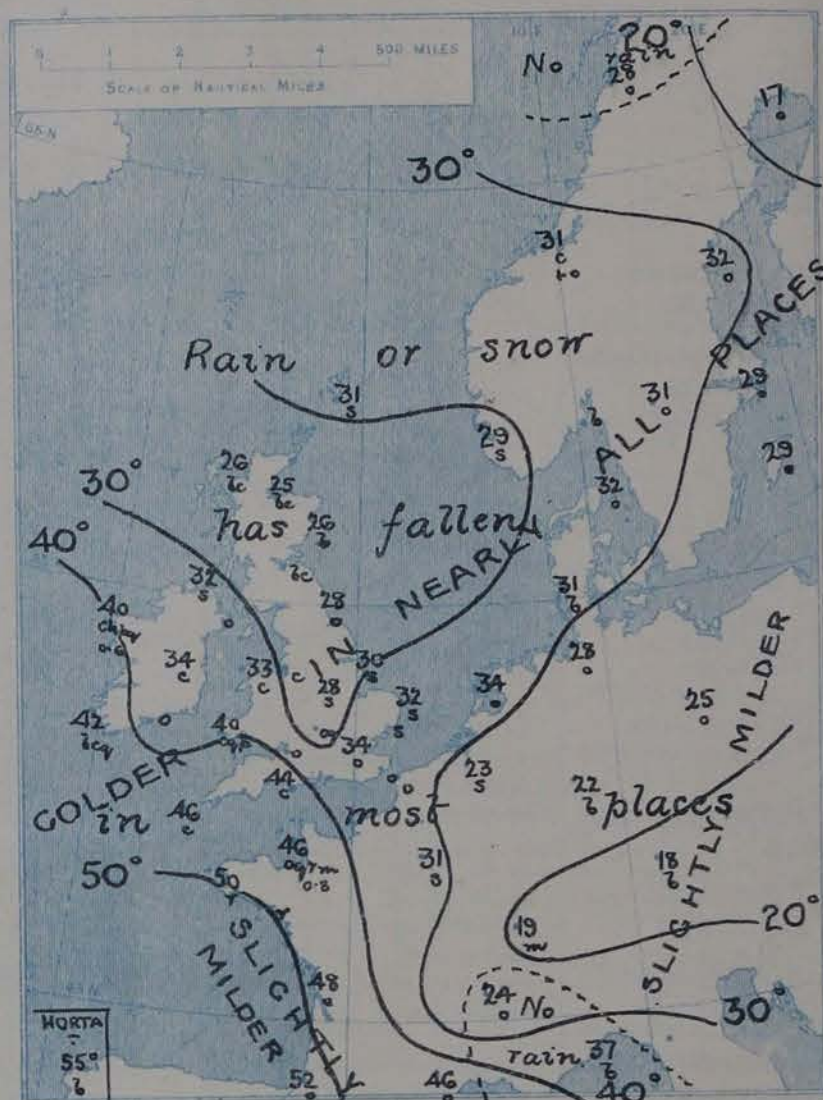


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

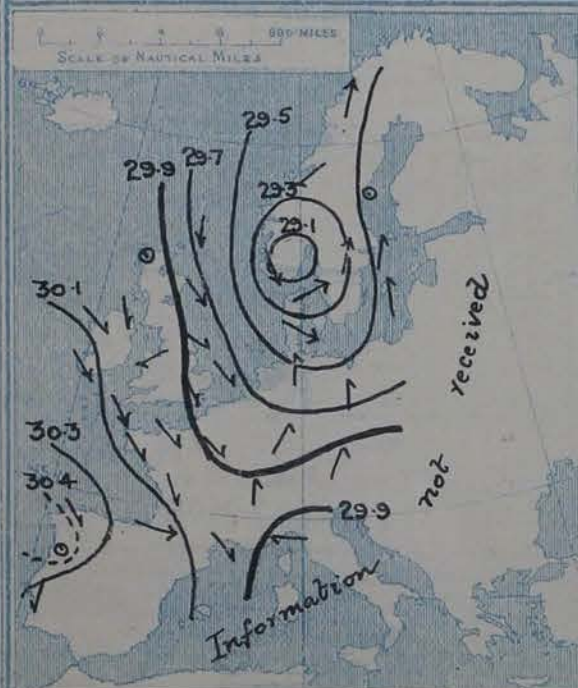
WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. LAST WEEK'S RAINFALL.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 22nd December, with the percentage of the average amount for the corresponding week.

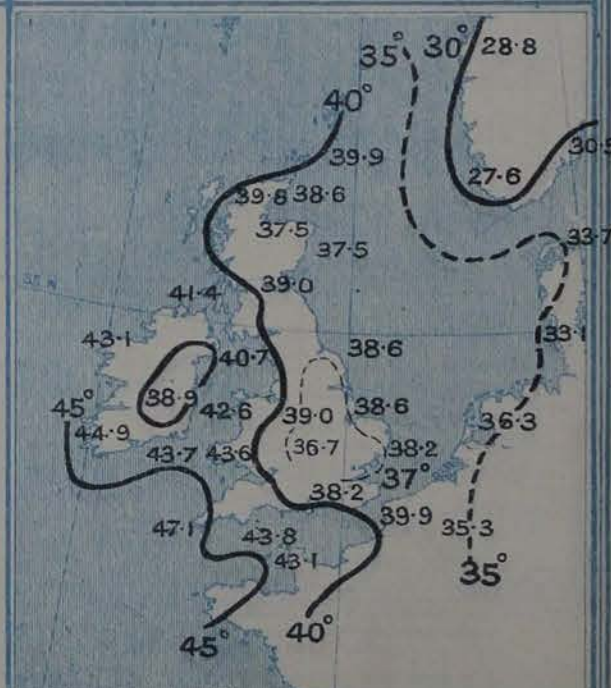


V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

DECEMBER - JANUARY.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression which lay over the south-west of Norway yesterday has remained stationary, but it has increased greatly in depth, the barometer at its centre being now about 28.6 ins. In the meantime another depression, with a minimum barometer reading below 28.9 ins. has appeared over the extreme south-east of England and the Straits of Dover, while a third system of less intensity is shown over Ireland. The highest pressure, 30.20 ins., is found at Lisbon. The barometer is still falling over our Islands and north-western Europe generally.

WIND

TEMPERATURE

WEATHER

AND

SEA

Two distinct cyclonic circulations of wind prevail around the chief baric minima. The South-easterly current on the coast of East Anglia and the North-westerly current on our west and south-west coasts blow very strongly; a strong South-Westerly to Southerly gale is blowing over Denmark and the south of Sweden, and a fresh North-easterly wind at Christiansund. Temperature has risen a little along the west coast of France and at some German stations, as well as at a few places in England; over our area generally, however, it has fallen. Over these Islands it ranges from 46° at Scilly and Jersey to below 32° over the major portion of Great Britain, and to 25° at Wick. At Lisbon and Biarritz the thermometer stands at 52° and is as high as 50° on the coast of Brittany, but over the Continent as a whole the weather is frosty, the lowest temperature readings reported being 19° at Belfort, 18° at Munich, and 17° at Apataranda. The weather is temporarily fine in some parts of Scotland and in a few localities elsewhere, but generally the sky is either very cloudy or entirely overcast, with rain at Brest and Lorient, hail showers at Blackhead Point, and snow over the north of France, Belgium, the south-west of Norway, the Shetlands, and the north of Ireland, and at some stations in central and south-eastern England. The sea is rough or rather so on nearly all exposed parts of our coasts. During yesterday the thermometer rose to 50° on the south-west coast of Ireland and to 49° at Portland Bill, while it remained below 32° in most parts of Scotland and only reached 33° at some English stations. The lowest minima reported over these Islands during the night were 22° and 23° in the north and north-east of Great Britain. Snow has fallen very generally over England and the northern and central regions of the Continent and rain or snow in Ireland. Much sunshine was recorded over England and the east of Scotland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A brisk recovery of pressure will probably take place shortly in the west and north-west as the depressions move off eastwards or south-eastwards. Strong winds, with gales in places, from the north-westward or northward are likely in nearly all parts of the United Kingdom, accompanied by occasional showers and squalls of hail, sleet or snow.

FORECASTS*

For the 24 hours ending at NOON on 27th December, 1906.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- SCOTLAND NORTH
- SCOTLAND EAST
- ENGLAND N.E.
- ENGLAND EAST
- MIDLAND COUNTIES
- ENGLAND SOUTH

Wind mainly N.W.^y or N.^y, fresh or strong generally, a gale in some exposed places; very unsettled, showers and squalls of hail, sleet or snow in most localities. Some brief, fair intervals.

- SCOTLAND WEST
- ENGLAND N.W.
- ENGLAND S.W.
- IRELAND NORTH
- IRELAND SOUTH

Wind mainly N.W.^y or N.^y, fresh or strong generally, a gale in some exposed places; very unsettled, showers and squalls of hail, sleet or snow in most localities. Some brief, fair intervals.

WARNINGS

At 7.15 p.m. yesterday to Dist^s 0 to 2, 6 to 10, and part of 5; and at 10.10 a.m. today to Dist^s 3 and remainder of 5:-
"HOIST NORTH CONE"

Note—The South Cone, point downwards (⌵), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌴), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

DAILY WEATHER REPORT.

26th DECEMBER, 1906

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.			
Blackpool, to 6 p.m. ...	40	31	?	4.5	0.01	Eastbourne, to 6 p.m. ...	44	31	*	3.9	0.05
Southport, to 9 p.m. ...	41	29	b.o.s	3.9	0.09	Bexhill-on-Sea, to 9 p.m. ...	43	29	b.c.v	3.1	0.11
Rhyl, to 6 p.m. ...						Hastings ...	*	*	*	3.8	*
Llandudno, to 9 p.m. ...	45	33	b.c.s	2.1	0.18	Folkestone, to 6 p.m. ...	41	29	b.c. b	4.8	0.06
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...						Margate, to 6 p.m. ...	36	33	?	6.5	0.04
Aberystwyth, to 6 p.m. ...	40	33	o. c	0.5	—	Lowestoft, to 6 p.m. ...	41	29	o.r.g.s, c	6.1	0.05
Plymouth, to 9 p.m. ...						Skegness ...	33	27	b. b.c	6.8	—
Torquay, to 6 p.m. ...	44	39	*	1.7	0.05	Scarborough, to 6 p.m. ...			*		
Bournemouth, to 6 p.m. ...	40	32	*	3.7	0.05	Harrogate, to 6 p.m. ...					
Bognor, ...	*	*			*	Darwen, to 9 p.m. ...					
Worthing ...	40	32	c. b. c	3.2	0.08	Manchester, to 9 p.m. ...					
Brighton ...	36	30	*	3.5	0.01	Birmingham, to 9 p.m. ...	44	28	b.c. b	1.9	0.10

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

STATIONS 25 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 25 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	Observations not received				Algiers ...	Observations not received			
Utrecht ...					Tunis ...				
Groningen ...					Madeira (Funchal) ...				
Vienna ...									
Florence ...					Geneva ... 24 th Dec., 1906	23	*	1 p.m. f	Measured 7 a.m.
Rome ...					Berne ...	21	*	b.c	—
Naples ...					Coire ...	28	*	b	—
Palermo ...					Castasegna ...	25	*	b	—
Brindisi ...					Lugano ...	36	*	b	—
Malta ...					Davos ...	21	*	b	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.		Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.		Corresponding Greenwich Times.	26 th Dec., 1906.		
							Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*					
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.					
Germany, Denmark } Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.					
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—					
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.					
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.					
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.					
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.					
{ Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.					
Yarmouth ...							8.6	11.54	3.42
Greenwich ...							8.7	12.1	3.54
Wick ...							9.5	12.13	3.20
Valencia ...							8.51	12.42	4.33

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Thursday,

Meteorological Office, London. 27th December,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.
		At 32° Fahr. and M.S.L.	Dry Bulb.					At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.					Max.	Min.			
SCANDINAVIA.	Haparanda...	Ins.	29.56	16	SE	2	S	Ins.	-10	14	14	-3	SSE	2	0		23	10			0.12
	Hernösand...	29.22	27	Z	0	C		29.17	-0.04	25	24	-7	W	2	S		34	25			0.28
	Stockholm...	29.15	27	S	2	O		29.20	-0.03	15	15	-14	Z	0	f		34	25			-
	Wisby...	29.14	25	S	4	S		29.17	-0.11	23	22	-6	SSE	2	C		32	21			0.08
	Karlstad...	29.04	29	SSW	4	S		29.17	+0.22	19	?	-12	ENE	2	0						0.08
	Färder (X'ania Fjord)†	29.86	34	SSE	6	S		29.06	+0.38	31	30	-3	ESE	4	0	3	34	28			-
	Bodö...																				
	Christiansund...																				
BRITISH ISLANDS.	Sumburgh Head																				
	Stornoway...																				
	Malin Head...	29.29	34	N	9	csHg		29.43	+0.12	36	33	+4	NE	9	C	6	36	28	csHg		0.07
	Blacksod Pt. ...																				
	Valencia ...	29.62	38	N	7	cg		29.61	+0.13	34	33	-8	N	5	sg	5	43	29	bcHg, cg	2.1	0.15
	Roche's Point ...	29.53	33	NNW	5	b		29.54	+0.15	32	32	-6	NW	3	S	1	43	31	bc, s, bc, o		0.03
	Birr Castle ...	29.51	29	WNW	2	os		29.54	+0.22	26	25	-8	W	2	os		35	24	os	0.0	0.25
	Donaghadee ...	29.25	35	NNW	7	spg		29.41	+0.10	36	34	+2	N	6	os	5	29	29	os, bc, spg		0.08
	Liverpool Obsy...	29.13	23	W	6	o		29.35	+0.12	34	33	+7	NNW	4	bc	3	37	27	b, os		-
	Holyhead ...	29.25	35	NW	7	csHg		29.37	+0.15	33	32	0	NE	5	S	4	35	30	csHg, spg		0.11
	Pembroke (St. Ann's Hd.)	29.35	31	NNE	4	C		29.43	+0.24	35	32	-5	WNW	6	bcg	4	43	31	cg, spg	0.3	0.10
	Scilly (St. Mary's) ...	29.33	40	NNW	8	cg		29.51	+0.18	38	33	-8	N	5	C	4	47	35	cg, Hg	3.0	0.10
	Jersey (St. Aubins) ...	29.21	39	NW	5	bcg		29.39	+0.17	40	39	-6	NW	4	csHg	3	46	33	osHg, c	2.8	0.19
	Portland Bill ...	29.25	33	N	4	C		29.34	+0.27	39	36	-5	NW	7	cg	4	44	31	C, cg		-
	Dungeness ...	29.11	31	NNW	4	bc		29.16	+0.32	34	33	-3	NW	4	0	4	38	23	spg, b, s	0.5	-
	Wick ...																				
	Nairn ...	29.12	32	NNW	4	0		29.26	-0.04	33	32	+8	NNW	3	0g	4	35	23	-	0.0	0.12
GERMANY, & C.	Aberdeen ...																				
	Leith ...	29.00	32	NW	6	0		29.28	-0.01	32	32	+5	W	3	bc		35	25	bc, os		0.16
	North Shields ...	28.92	27	W	6	S		29.21	-0.03	33	31	+5	WNW	4	C	4	33	26	C, s, Els		0.31
	Spurn Head ...	29.04	26	WSW	4	bc		29.10	-0.06	32	31	+2	NW	5	0	5	35	26	spg, bc, Hg		0.10
	Yarmouth ...	29.06	32	NW	4	C		29.06	0.0	34	33	+2	NW	4	C	4	34	18	os, p, c		0.19
	Clacton-on-Sea ...	29.12	36	NW	5	C		29.13	+0.19	32	32	-1	NW	5	C	4	33	18	os, c, b	0.3	0.15
	Nottingham ...	29.18	27	W	1	bc		29.24	+0.09	32	31	+4	NW	3	C		34	16	s, b, bc	0.0	0.13
	Bath ...	29.28	30	NW	1	b		29.37	+0.26	34	33	-4	NW	3	0		38	25	-	0.2	0.01
	Oxford ...	29.25	22	N	2	b		29.31	+0.25	33	30	+4	NW	3	0		35	22	cg, b, os		0.03
	London (St. James' Park)	29.19	29	NNW	2	C		29.24	+0.29	32	32	-2	NW	3	S		34	23	spg, b, os	0.1	0.02
FRANCE.	The Scaw (Skagen)	28.96	31	WSW	4	b		29.07	+0.25	30	28	-2	SW	2	C	1	34	28			0.04
	Fanø ...	28.98	30	SE	4	bc		29.09	-0.04	22	22	-9	SE	2	0		32	21			0.08
	Cuxhaven ...	29.04	20	S	3	0		29.10	-0.16	19	18	-9	S	2	0		28	16			0.04
	The Helder ...	29.02	29	S	1	0		29.02	-0.25	27	27	-7	S	1	C	1	32	23			0.12
	Brussels ...							29.15	-0.14	27	27	+4	SW	4	S		34	20			0.04
	Berlin ...	29.14	23	SE	3	0		29.01	-0.46	22	21	-3	NW	2	S		30	21			0.16
	Frankfurt ...	28.85	27	SSE	1	0		29.25	-0.27	23	22	+1	SW	3	bc		?	?			1.89
	Munich ...	29.07	24	SW	4	0		29.36	-0.34	24	23	+6	SW	5	C		25	18			-
	C. Gris Nez ...	29.09	33	NNE	6	S		29.13	?	35	34	+3	WNW	6	0	6	37	30			0.12
	Brest ...	29.26	44	WNW	7	0		29.49	+0.11	37	36	-13	N	8	0	6	50	34			0.12
SPAN. PEN.	Lorient ...	29.34	45	NN	6	T		29.49	+0.14	37	36	-13	NNW	5	0	5	52	34			-
	Rochefort ...	29.41	45	WNW	6	T		29.53	-0.04	36	35	-12	WNW	4	C		50	34			0.24
	Biarritz ...	29.62	54	WSW	9	0		29.61	+0.24	48	44	-4	WNW	5	0	5	54	43			0.99
	Paris ...	29.14	34	NW	4	b		29.31	+0.13	24	24	-7	SSW	2	b		43	23			0.32
	Belfort ...	29.01	33	WSW	8	T		29.32	+0.26	23	20	+4	ENE	2	m		35	19			0.20
	Lyons ...	29.35	35	S	2	T		29.38	-0.33	36	31	+12	SW	1	bc		39	24			-
	Nice ...	29.34	43	SW	4	C		29.34	-0.15	40	35	+3	SW	5	0	5	48	29			-
	Perpignan ...	29.51	48	SW	2	bc		29.56	-0.20	43	42	-3	NW	4	0		55	42			-
	Corunna ...																				-
	Lisbon ...	30.06	51	W	4	b		29.93	-0.27	53	52	+1	WSW	4	C		55	50			-
SPAN. PEN.	Azores (P. Delgada)...	30.47	55	NNW	1	0		30.45	-0.11	55	53	+2	N	3	T	3	61	52			-
	" (Horta) ...	30.51	56	NE	1	0		30.50	-0.06	56	53	+1	NNE	2	b	2	61	55			0.04

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.3 in., but for Sumburgh Head +0.4 in.; for stations South of Malin Head and North Shields +0.2 in., but for Scilly and Jersey +0.1 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Thursday, 27th DECEMBER, 1906.

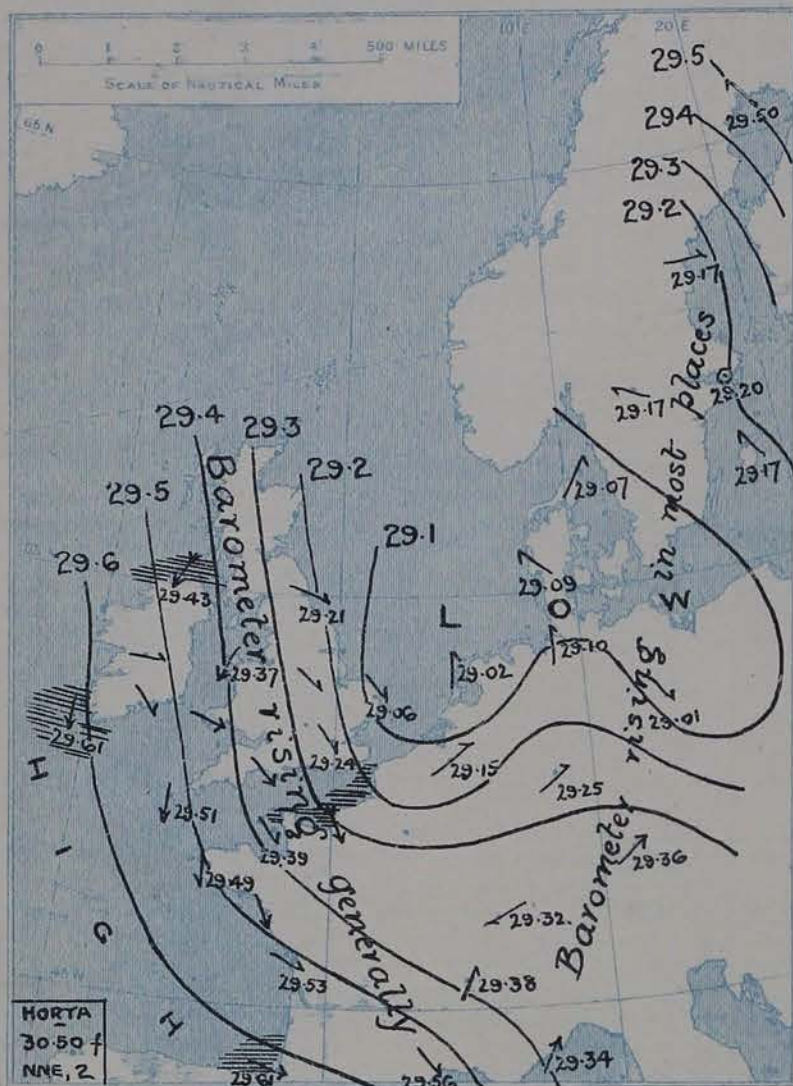
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning

TEMPERATURE.—Isotherms are drawn for each 10°

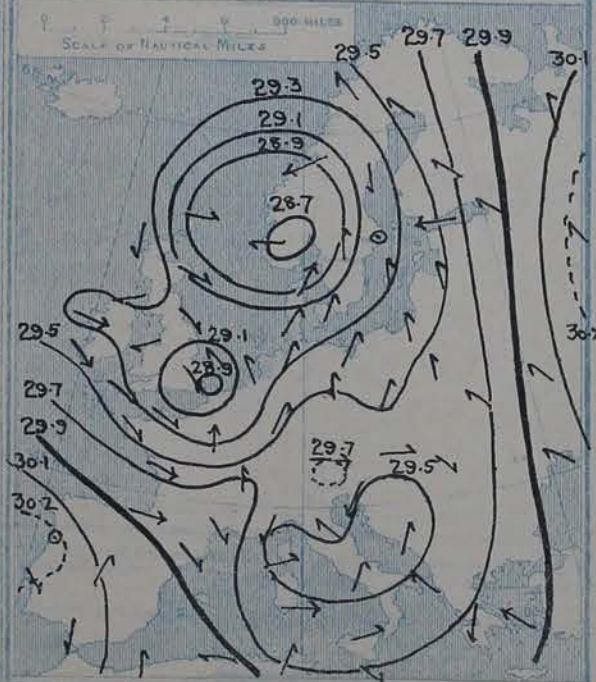
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 22nd DECEMBER, with the percentage of the average duration for the corresponding week.

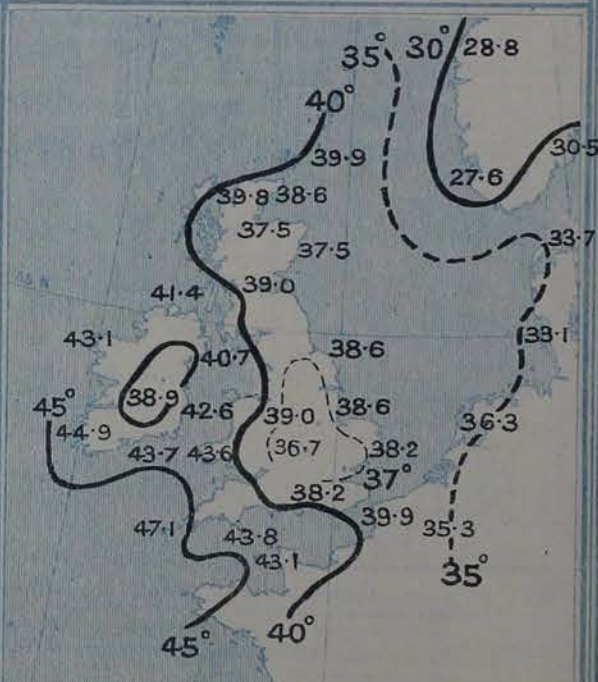


V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

DECEMBER - JANUARY.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now rising over France and the United Kingdom and changing irregularly over Germany and Scandinavia. The readings range from above 29.9 ins. in Portugal to about 29.0 ins. off the north of Holland and also over the eastern part of Prussia. Towards Northern Europe the values increase to 29.2 ins. at Stockholm and to 29.5 ins. at Haparanda.

WIND

TEMPERATURE

WEATHER

AND

SEA

The Northerly and North-Westerly winds which still prevail over these Islands and France blow freshly or strongly in several places, and with the force of a gale at La Hève and Malin Head. Over Sweden and Germany the wind is more variable in direction and of little strength. Temperature is higher than it was at 8 a.m. yesterday in many parts of Great Britain, but lower over our area generally. Over the greater part of these Islands the thermometer marks about 32°, but it is as low as 26° at Birt Castle, and as high as 39° at Portland Bill. At Dieppe and Biarritz the respective readings are 53° and 48°, but over the Continent generally severe frost still prevails, the lowest readings reported being 19° at Cuxhaven and Flakstad, 15° at Stockholm, and 14° at Haparanda. The weather continues in a very unsettled condition, with snow in several parts of Ireland and in some English localities, as well as in various Continental regions. The sea is rough on some parts of our north-western and western coasts, rough or high on the French side of the English Channel, rather rough at Biarritz, moderate in most other places.

Various quantities of snow have fallen in nearly all parts of the United Kingdom and over the western and northern countries of the Continent, and heavy rain in the north-west of France. At Frankfurt the snow yielded 1.89 inch of water in the gauge, but the largest amount reported from any of our own stations is 0.31 inch at Shields; at the latter station a thunderstorm was experienced at midnight. The minimum temperatures recorded last night were very low over Central and Eastern England; at Nottingham the thermometer fell to 16° and at Falmouth and Clacton-on-Sea to 18°. Bright sunshine was rather prevalent over the northern parts of England and Wales.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Owing to the interruption of the telegraphic service many of our reports are wanting, but from the information to hand it appears probable that the weather will continue unsettled and wintry, with Northerly or North-Westerly winds of varying force, and occasional showers or squalls of snow.

FORECASTS*

For the 24 hours ending at NOON on 28th December, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
<div> <div>0</div> <div>SCOTLAND NORTH</div> </div> <div> <div>1</div> <div>SCOTLAND EAST</div> </div> <div> <div>2</div> <div>ENGLAND N.E.</div> </div> <div> <div>3</div> <div>ENGLAND EAST</div> </div> <div> <div>4</div> <div>MIDLAND COUNTIES</div> </div> <div> <div>5</div> <div>ENGLAND SOUTH</div> </div>	<p>N^{ly} or N.W^{ly} winds, fresh or strong at times; cold and wintry, squalls or showers of snow still probable, some fair intervals.</p>	<div> <div>6</div> <div>SCOTLAND WEST</div> </div> <div> <div>7</div> <div>ENGLAND N.W.</div> </div> <div> <div>8</div> <div>ENGLAND S.W.</div> </div> <div> <div>9</div> <div>IRELAND NORTH</div> </div> <div> <div>10</div> <div>IRELAND SOUTH</div> </div>	<p>N^{ly} or N.W^{ly} winds, fresh or strong at times; cold and wintry, squalls or showers of snow still probable, some fair intervals.</p>
		WARNINGS	<p>At 7.30 pm. yesterday to Districts 0 to 2, 6 to 10, and part of 5, 'KEEP UP NORTH CONE.' The Signals are still flying on all coasts.</p>

Note.—The South Cone, point downwards (⌋), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌋), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

27TH DECEMBER, 1906

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.			
Blackpool, to 9 p.m.	35	23	o.s. bc, as	4.5	0.25	Eastbourne, to 6 p.m. ...	42	30	*	3.5	0.35
Southport, to 9 p.m.	35	22	b, s, o	4.8	0.23	Bexhill-on-Sea, to 9 p.m. ...	42	29	s. b, cv	1.8	0.41
Rhyl, to 6 p.m.	35	27	?	1.8	-	Hastings	*	*	*	2.1	*
Llandudno, to 9 p.m.	?	28	b, c, h, s	0.1	0.18	Folkestone, to 6 p.m. ...	37	26	s, o, bc, os	0.8	0.18
Bettws-y-Coed, to 6 p.m. ...						Broadstairs,	*	*	*		*
Towyn, to 6 p.m.	32	30	s, t, c	2.6	0.33	Margate, to 6 p.m. ...	36	28	s, o	0.0	0.39
Aberystwyth, to 6 p.m.	42	30	t, c, o	2.5	0.24	Lowestoft, to 6 p.m. ...	34	26	o, s, g, o	0.0	0.89
Plymouth, to 9 p.m.						Skegness	33	21	s, o, b	0.0	0.03
Torquay, to 6 p.m.	42	35	*	2.5	0.26	Scarborough, to 6 p.m. ...	38	26	*	1.8	-
Bournemouth, to 6 p.m. ...	39	33	*	1.3	0.21	Harrogate, to 6 p.m. ...	32	19	os	4.9	0.28
Bognor,	*	*			*	Darwen, to 9 p.m. ...	29	21	o, b, s	3.1	?
Worthing	37	30	c	1.0	0.27	Manchester, to 9 p.m. ...	32	21	o, s	1.3	?
Brighton	39	21	*	1.3	0.36	Birmingham, to 9 p.m. ...	31	21	s, o	0.0	0.24

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

STATIONS. 26 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 26 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg	19	3	s, s	-	Algiers	57	48	t, r	0.16
Utrecht	36	23	c, o	0.20	Tunis	55	41	o, c	-
Groningen	34	23	s, c	0.24	Madeira (Funchal)	not received.			
Vienna	39	21	o, o	0.08	Geneva 25 th Dec., 1906. 1 p.m. observations not received. Measured 7 a.m.				
Florence	44	31	o, b	0.16					
Rome	50	45	t, r	0.59					
Naples	55	46	o, o	0.83					
Palermo	58	46	f, r	0.04					
Brindisi	52	36	o, b	0.20					
Malta	61	51	o	0.04	Berne		*		
					Coire		*		
					Castasegna		*		
					Lugano		*		
					Davos		*		

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland	7 a.m. (" ")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
Belgium	7 a.m. (West European)	7 a.m.	Not published	—
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores {	Ponta Delgada ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
	Horta	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

27 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.6	11.54	3.43
Greenwich	8.8	12.1	3.55
Wick	9.5	12.13	3.21
Valencia	8.51	12.42	4.34

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Friday,

Meteorological Office, London. 28th December,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)		Max.	Min.					
SCANDINAVIA.	Haparanda...	Ins.	16	SE	4	0	29.73	+23	14	13	10	SE	2	0	*	18	10	*	*	Hours.	Ins.
	Hernösand ...	29.41	7	Z	0	6	29.57	+40	11	11	+44	WSEW	2	bc	*	28	9	*	*	*	0.16
	Stockholm ...	29.34	16	NW	2	5	29.40	+20	22	21	+7	NW	2	0	*	27	12	*	*	*	0.00
	Wisby...	29.24	24	E	4	0	29.33	+16	30	28	+7	NNW	4	S	*	30	21	*	*	*	0.12
	Karlstad ...	29.39	19	NE	4	0	29.56	+39	18	18	-1	N	2	0	*	*	*	*	*	*	0.08
	Færder (X'ania Fjord)	29.32	28	E	2	9	29.52	+46	25	24	-6	ESE	2	C	2	31	25	*	*	*	-
	Bodö ...	29.41	20	E	6	6	29.52	+23	21	18	-2	E	7	8	2	24	18	*	*	*	-
	Christiansund ...	29.31	26	E	1	6	29.53	+51	27	26	-2	SW	1	bc	4	28	24	*	*	*	-
Skudesnaes ...	29.22	33	E	4	6	29.49	+61	26	25	-5	Z	0	6	2	34	25	0.6	*	*	-	
BRITISH ISLANDS.	Sumburgh Head																				
	Stornoway ...																				
	Malin Head ...	29.57	36	NNE	10	oshg	29.74	+31	34	33	-2	N	9	bcshg	7	37	30	oshg	*	0.04	0.04
	Blacksod Pt. ...																				
	Valencia ...	29.78	32	N	4	oshg	29.93	+32	33	31	-1	N	5	oshg	5	37	30	oshg	0.0	0.50	0.50
	Roche's Point ...	29.68	33	NNW	5	6	29.82	+28	31	30	-1	N	6	6	4	36	31	oshg	*	0.02	0.02
	Birr Castle ...	29.69	30	NNW	3	5p	29.82	+28	29	28	+3	NNW	4	os	4	32	25	oshg	2.7	0.05	0.05
	Donaghadee ...	29.51	37	N	6	oshg	29.67	+26	36	34	0	N	7	bc	6	38	33	oshg	*	0.05	0.05
	Liverpool Obsy...	29.37	36	NW	4	0	29.49	+14	36	35	+2	NW	6	bc	5	37	33	oshg	*	-	-
	Holyhead ...	29.40	40	NNE	7	oshg	29.54	+17	40	37	+7	NNE	7	c	6	40	33	oshg	*	0.25	0.25
	Pembroke (St. Ann's Hd.)	29.51	35	NNW	5	c	29.58	+15	37	34	+2	NNW	6	cq	4	37	29	oshg	2.5	0.90	0.90
	Scilly (St. Mary's)	29.53	35	N	7	sq															
	Jersey (St. Aubins)	29.49	37	WNW	4	c	29.52	+13	34	33	-6	NNE	2	ophs	2	42	32	oshg	1.2	0.06	0.06
	Portland Bill ...	29.45	38	NW	3	6	29.49	+15	36	33	-3	NNW	4	b	2	40	34	oshg	*	-	-
	Dungeness...	29.36	29	WNW	2	c	29.39	+23	28	27	-6	WNW	3	c	2	34	25	oshg	0.0	0.04	0.04
	Wick ...																				
Nairn ...	29.43	32	N	4	0	29.71	+45	31	30	-2	NNW	4	ophs	4	35	29	-	0.0	0.07	0.07	
Aberdeen ...																					
Leith ...	29.29	35	NNW	5	c	29.58	+30	34	33	+2	NNW	3	0	*	37	20	oshg	*	0.10	0.10	
North Shields	29.14	32	WSW	4	S	29.29	+08	32	32	-7	N	5	S	8	33	27	S	*	0.40	0.40	
Spurn Head ...	29.17	29	W	5	6	29.18	+08	33	32	+1	NW	6	sq	5	36	29	oshg	*	0.16	0.16	
Yarmouth ...	29.25	25	W	5	6	29.23	+17	33	33	-1	WNW	4	S	4	34	25	oshg	*	0.20	0.20	
Clacton-on-Sea ...	29.33	26	WNW	3	6	29.35	+22	33	31	+1	WNW	3	c	2	33	24	oshg	0.1	0.04	0.04	
Nottingham ...	29.29	26	W	1	6	29.37	+13	32	30	0	WNW	3	oshg	*	36	24	oshg	0.0	0.04	0.04	
Bath ...	29.45	30	W	1	bc	29.53	+26	26	26	-8	W	1	bc	*	37	25	-	3.7	0.03	0.03	
Oxford ...	29.41	24	WNW	2	6	29.46	+15	33	30	0	WNW	3	0	*	34	24	oshg	*	0.01	0.01	
London (St. James' Park)	29.39	27	NW	1	6	29.40	+76	27	27	-5	WNW	1	c	*	35	24	oshg	0.3	0.07	0.07	
GERMANY, &c.	The Scaw (Skagen)	29.31	27	Z	0	C	29.52	+45	28	25	-2	E	1	0	0	32	19	*	*	0.08	0.08
	Fanö ...	29.31	22	SE	2	bc	29.41	+32	22	22	0	E	4	0	*	25	16	*	*	-	-
	Cuxhaven ...	29.23	20	SE	1	f	29.40	+30	24	24	+5	S	3	0	*	25	16	*	*	-	-
	The Helder ...	29.23	39	WNW	4	bc	29.23	+21	35	34	+8	SW	5	c	3	39	25	*	*	-	-
	Brussels ...						29.45	+30	24	23	-3	SW	1	6	*	35	18	*	*	0.08	0.08
	Berlin ...	29.34	20	WNW	1	8p	29.53	+52	20	20	-2	Z	0	f	*	25	16	*	*	0.08	0.08
	Frankfurt ...	29.40	31	SW	2	S	29.50	+25	29	29	+6	SW	1	0	*	31	21	*	*	0.04	0.04
Munich ...	29.55	25	SW	5	bc	29.60	+24	17	16	-7	S	1	f	*	30	14	*	*	0.08	0.08	
FRANCE.	C. Gris Nez ...	29.39	33	WNW	5	0	29.41	+28	34	33	-1	W	4	0	4	37	32	*	*	0.08	0.08
	Brest ...	29.52	36	N	4	S	29.62	+13	37	35	0	N	2	bc	2	45	32	*	*	0.24	0.24
	Lorient ...	29.50	36	NNW	5	0	29.56	+07	32	32	-5	N	2	c	2	45	30	*	*	-	-
	Rochefort ...	29.55	35	Z	0	bc	29.55	+02	30	30	-6	Z	0	m	*	53	28	*	*	-	-
	Biarritz ...	29.62	42	Z	0	0	29.58	-03	41	39	-7	SW	7	llth	5	48	34	*	*	0.95	0.95
	Paris ...	29.47	34	W	2	0	29.50	+19	25	25	+1	SSW	1	6	*	37	24	*	*	-	-
	Belfort...	29.50	24	WSW	5	0	29.53	+21	23	22	0	WSW	4	0	*	26	22	*	*	0.16	0.16
Lyons ...	29.62	27	W	1	bc	29.64	+26	15	14	-21	E	1	f	*	36	14	*	*	-	-	
Nice ...	29.45	37	ESE	1	0	29.40	+06	31	?	-9	ESE	3	6	3	48	28	*	*	-	-	
Perpignan ...	29.54	41	Z	0	0	29.56	00	36	33	-7	NW	2	bc	*	46	36	*	*	0.16	0.16	
SPAN. PEN.	Corunna ...																				
	Lisbon ...																				
	Azores (P. Delgada)...	30.58	58	NE	4	0	30.65	+15	56	50	+1	NE	4	bc	2	61	55	*	*	-	-

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + 0.3 in., but for Sumburgh Head + 0.4 in.; for stations South of Malin Head and North Shields + 0.2 in., but for Scilly and Jersey + 0.1 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Friday, 28th December, 1906.

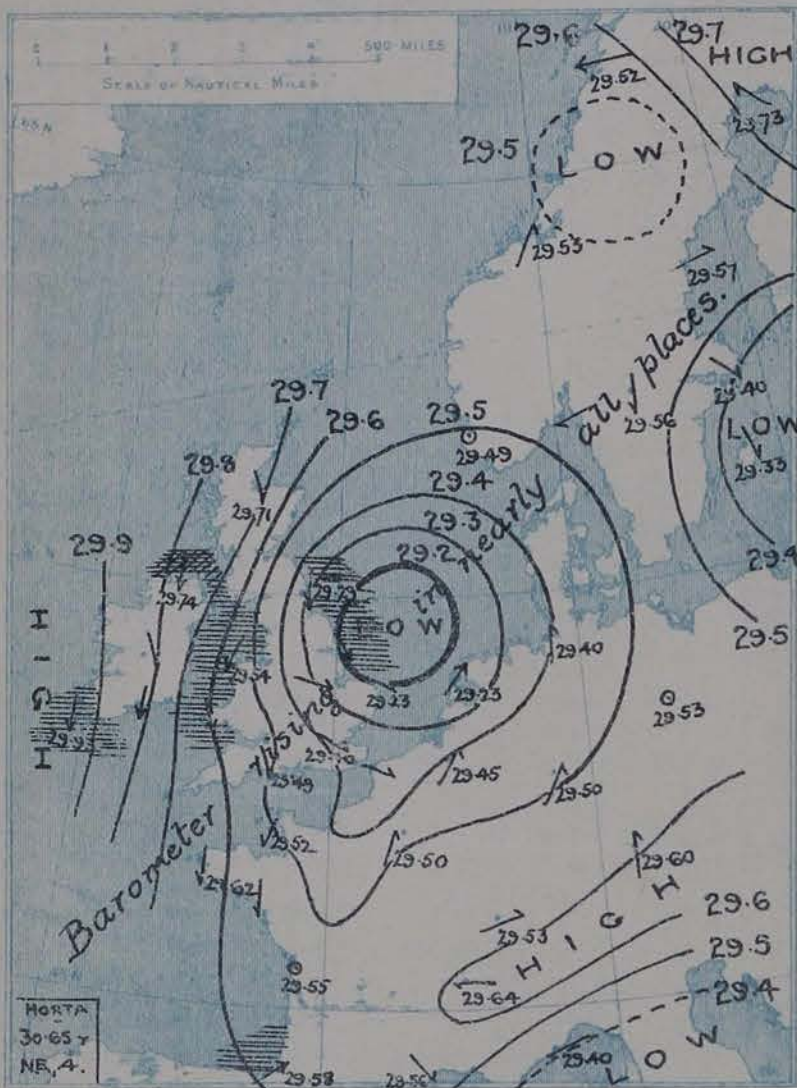
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ——— Force 5 to 7 ——— } Calm ☉
Force 8 to 10 ——— Force 1 to 4 ———

SEA.—Rough ——— High ———



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°

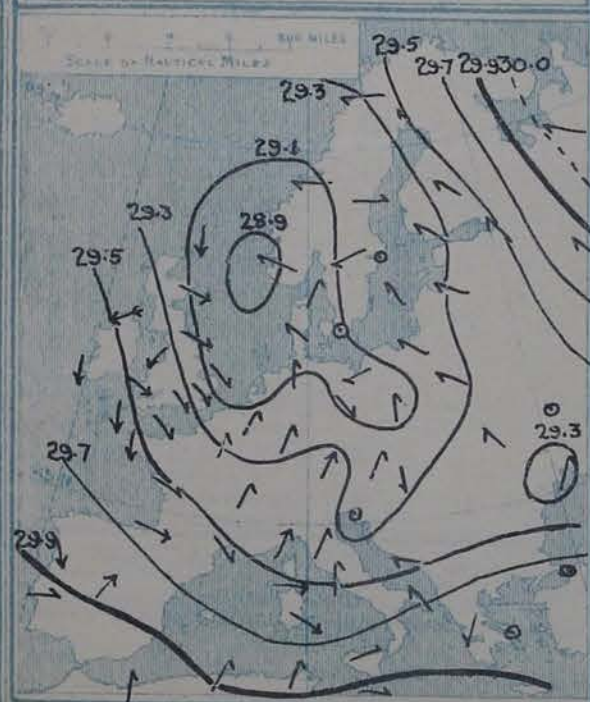
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



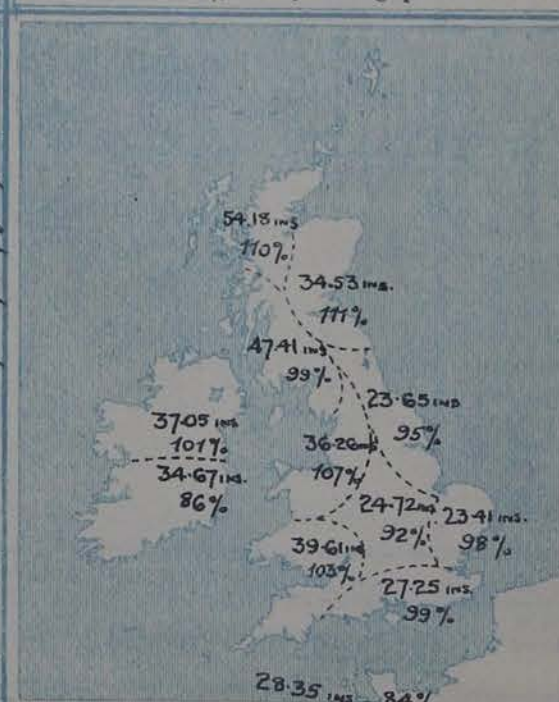
III. BAROMETER AND WIND

Yesterday morning.



IV. RAINFALL IN 1906.

Total Amount recorded in various districts of the United Kingdom in the 51 weeks ended Saturday 22nd DECEMBER, with the percentage of the average amount for the corresponding period.

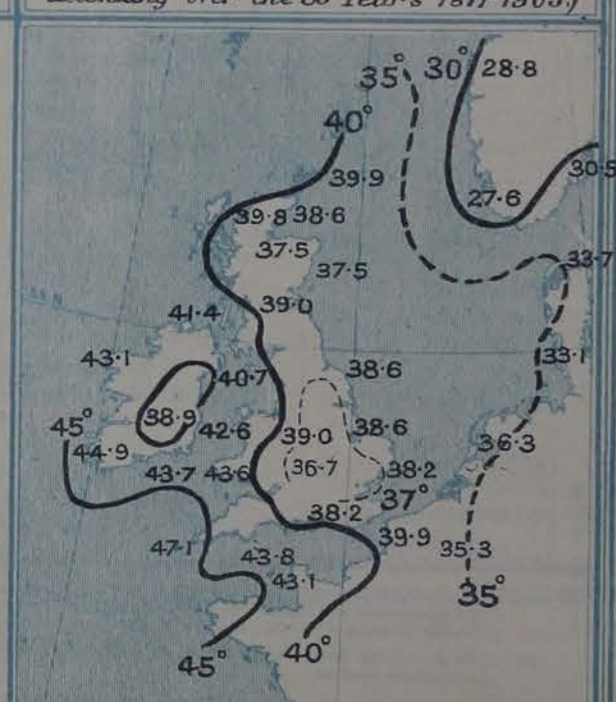


V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

DECEMBER - JANUARY.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression which lay over the northern part of the North Sea yesterday morning has taken up a position further south. The lowest barometer readings now reported are 29.18 ins. at Spurn Head and 29.23 ins. at Yarmouth and the Helder. Pressure appears to be still highest over Portugal, but the readings are above 29.9 ins. on the south-west coast of Ireland. In addition to the North Sea depression there is a "V"-shaped disturbance over France, and a rather large system over the north of Scandinavia. The barometer is at present rising in nearly all districts.

WIND

TEMPERATURE

WEATHER

AND

SEA

The cyclonic movement of air around the North Sea baric minimum is very well marked; it has, however, little force except on our western and northern coasts, where the Northerly wind blows freshly or strongly generally and still has the force of a strong gale on the north coast of Ireland. Temperature has changed irregularly, but continues low throughout the whole of our area. Over these Islands it ranges from 26° at Bath and 27° in London to 34° at Leith, and to 40° at Holyhead. On the Continent nearly all the readings are below 25°, but at the Helder the thermometer marks 35°, at Brest 37°, and at Biarritz 41°. The weather is fine and bright at a few of our own stations and also in various parts of the Continent; as a whole, however, the sky is overcast, with snow showers in many British and Irish localities and at Le Havre, a thunderstorm at Biarritz, and fog at Munich, Berlin and Lyons. The sea is high at Malin Head, rough or rather so on most parts of our western and eastern coasts and also at Biarritz.

Most of the maximum temperatures reported over our Islands yesterday were a few degrees above the freezing point, but during the night the thermometer fell to 24° or 25° in various parts of England and Central Ireland. Thunderstorms occurred yesterday in many parts of Great Britain, as well as in the extreme south-west of Ireland. Snow has fallen very generally, the largest measurements of this country being 0.4 inch at North Shields, 0.5 inch at Valencia, and 0.9 inch at Pembroke. Bright sunshine was very prevalent in some parts of the Kingdom, more than 4 hours being recorded at Scarborough, Harrogate and Rhyl, and 6.4 hours at Torquay.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the North Sea seems likely to move slowly south-eastwards and to become less deep. Strong Northerly winds will, however, still prevail on all our western, northern, and north-eastern coasts, and occasional squalls or showers of snow are still to be expected over the Kingdom generally, with fair intervals and cold, frosty weather.

FORECASTS*

For the 24 hours ending at NOON on 29th December, 1906.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	{ SCOTLAND NORTH	Strong N ^W winds or gales; very cold; squalls of snow, fair intervals.	5	{ SCOTLAND WEST	Same as Nos. 0 to 2.
1	{ SCOTLAND EAST		7	{ ENGLAND N.W.	
2	{ ENGLAND N.E.		8	{ ENGLAND S.W.	
3	{ ENGLAND EAST	N.W ^W winds, fresh in exposed places; very cold; occasional snow showers, some fair intervals.	9	{ IRELAND NORTH	At 7.15 p.m. yesterday to Districts 7 to 10 and part of 5, and at 9.20 a.m. to-day to District 2 and part of 1, "HOIST NORTH CONE."
4	{ MIDLAND COUNTIES		10	{ IRELAND SOUTH	
5	{ ENGLAND SOUTH		WARNINGS		

Note. The South Cone, point downwards (T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

28th DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	36	33	c. o. p. h. o	3.8	-	Eastbourne, to 6 p.m. ...	36	26	*	0.6	-
Southport, to 9 p.m.	36	33	b. q. h. o	3.2	0.01	Bexhill-on-Sea, to 9 p.m.	35	27	sg. v	0.1	0.01
Rhyl, to 6 p.m. ...	39	27	?	4.5	-	Hastings ...	*	*	*	0.0	*
Llandudno, to 9 p.m. ...	41	33	b. c. h. q	2.0	0.07	Folkestone, to 6 p.m. ...	33	19	o. b. c. o. c	0.1	-
Bettws-y-Coed, to 6 p.m.						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	35	29	s. c. o	0.5	0.11	Margate, to 6 p.m. ...	36	20	?	0.0	-
Aberystwyth, to 6 p.m. ...	39	29	t. s. c	1.0	0.08	Lowestoft, to 6 p.m. ...	34	16	c. o. c. q. s. c	0.3	0.19
Plymouth, to 9 p.m. ...	36	26	b. c. p. s. b. c	4.0	0.29	Skegness ...	34	21	b. t. l. s. b. c	2.3	0.03
Torquay, to 6 p.m. ...	40	29	*	6.4	0.06	Scarborough, to 6 p.m. ...	39	24	*	4.5	0.20
Bournemouth, to 6 p.m. ...	37	27	*	3.7	-	Harrogate, to 6 p.m. ...	32	25	os. b	4.4	0.04
Bognor, ...	*	*			*	Darwen, to 9 p.m. ...	33	26	oms. b. o. q	2.2	-
Worthing ...	36	26	s. c. b	1.2	0.02	Manchester, to 9 p.m. ...	35	29	c. b. o	1.0	?
Brighton ...	35	25	*	1.4	0.03	Birmingham, to 9 p.m. ...	34	21	s. o	0.0	0.30

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

STATIONS 27 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 27 th Dec., 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	18	9	s. s	-	Algiers ...	61	50	c. c	-
Utrecht ...	27	19	o. s	0.04	Tunis ...	57	39	c. o	-
Groningen ...	26	19	o. f	-	Madeira (Funchal) ...	not received.			
Vienna ...	28	23	o. f	0.43	Geneva ...	1 p.m. observations not received.			Measured 7 a.m.
Florence ...	48	42	t. o	0.43	Berne ...	*			
Rome ...	50	43	o. o	0.04	Coire ...	*			
Naples ...	53	45	o. b	0.32	Castasegna ...	*			
Palermo ...	55	39	b. o	0.04	Lugano ...	*			
Brindisi ...	54	39	b. b	-	Davos ...	*			
Malta ...	57	52	c	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	28 th Dec., 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	8.6	11.55	3.44
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	8.8	12.2	3.56
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	9.5	12.14	3.22
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.51	12.43	4.35
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Saturday,

Meteorological Office, London.

29th December,

1906.

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
	Barom.	Temp.	Wind.		Force (0 to 12.)	Weather.	Barometer.		Temperature.			Wind.		Force (0 to 12.)	Weather.	Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.
	At 82° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force			At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force				Max.	Min.			
SCANDINAVIA.	Ins.						Ins.	Ins.												Hours.	Ins.
	Häparanda...	29.73	12	NNE	2	C	29.75	+0.02	12	12	-2	NNE	2	0	*	*	16	10	*	*	0.04
	Hernösand...	29.68	18	NE	2	0	29.71	+0.14	13	12	+2	N	6	0	*	*	18	17	*	*	-
	Stockholm...	29.58	22	NW	4	S	29.70	+0.30	19	18	-3	WNW	2	0	*	*	25	16	*	*	0.16
	Wisby...	29.60	12	NW	8	0	29.71	+0.38	28	26	-2	NW	6	0	*	*	32	23	*	*	0.12
	Karlstad...	29.73	15	Z	0	b	29.78	+0.22	11	10	-7	N	2	0	*	*	*	*	*	*	-
	Færder (X'ania Fjord)	29.74	23	N	3	b	29.75	+0.23	22	21	-3	SE	1	0	*	*	25	21	*	*	-
	Bodö...	29.64	21	E	4	b	29.64	+0.12	19	16	-2	E	4	b	*	*	21	18	*	*	-
	Christiansund...	29.60	33	NW	4	C	29.55	+0.02	34	31	+7	W	4	b	*	*	34	27	*	*	-
	Skudesnaes...	29.74	26	ENE	2	C	29.75	+0.26	32	31	+6	Z	0	b	*	*	32	23	C	*	-
BRITISH ISLANDS.	Sumburgh Head																				
	Stornoway...																				
	Malin Head...	29.92	34	NNE	9	cszg	29.90	+0.16	34	33	0	W	1	0	*	*	35	30	cszg	*	0.03
	Blacksod Pt. ...																				
	Valencia...	30.04	33	N	3	osp	30.01	+0.08	26	24	-7	NE	1	C	*	*	37	25	sh,osp	0.5	0.10
	Roche's Point...	29.95	32	NNW	5	bq	30.01	+0.19	28	27	-3	NW	3	b	*	*	35	28	dg,bq	*	-
	Birr Castle...	29.97	24	NNW	3	b	30.00	+0.18	13	12	-16	Z	0	b	*	*	30	11	b	5.3	-
	Donaghadee...	29.85	36	N	5	C	29.93	+0.26	29	28	-7	WSW	2	b	*	*	38	29	bc,cq	*	-
	Liverpool Obsy...	29.77	34	NNW	5	0	29.90	+0.41	29	28	-7	N	1	b	*	*	37	28	cs	*	0.05
	Holyhead...	29.74	36	N	8	og,sp	29.89	+0.35	37	26	-3	NE	3	C	*	*	40	33	og,sp	*	0.04
	Pembroke (St. Ann's Hd.)	29.70	33	N	7	+	29.90	+0.32	34	33	-3	NE	2	b	*	*	39	31	cg,sp	1.3	0.70
	Scilly (St. Mary's)																				
	Jersey (St. Aubins)	29.62	39	WNW	3	bc	29.78	+0.26	39	35	+5	NNW	6	cm	*	*	42	34	cg,shg	1.8	0.10
	Portland Bill...	29.58	37	NW	5	C	29.81	+0.32	34	32	-2	N	5	b	*	*	40	33	C	*	-
	Dungeness...	29.40	32	W	3	C	29.66	+0.47	33	32	+5	NE	1	0	*	*	34	26	cs,sp,cs	0.7	0.06
	Wick...																				
	Nairn...	29.91	32	N	2	osp	29.86	+0.15	25	24	-6	NW	1	C	*	*	33	22	-	0.0	0.01
	Aberdeen...																				
	Leith...	29.80	35	N	3	0	29.86	+0.28	27	27	-7	W	2	om	*	*	35	26	o,c	*	-
	North Shields...	29.65	36	N	3	C	29.84	+0.55	33	31	+1	NW	3	C	*	*	39	30	lsh,sp,c	*	0.67
	Spurn Head...	29.40	36	NNE	5	+	29.78	+0.60	37	34	+4	ENE	4	C	*	*	40	33	sh,sp,b	*	0.10
GERMANY, &c.	Yarmouth...	29.34	33	NW	3	S	29.67	+0.44	36	34	+3	E	5	C	*	*	36	31	S	*	0.25
	Clacton-on-Sea...	29.39	32	WNW	2	0	29.79	+0.35	35	34	+2	ENE	2	0	*	*	35	29	cp,sp,og	0.3	0.05
	Nottingham...	29.49	35	N	4	csz	29.82	+0.45	31	30	-1	NNW	2	b	*	*	37	30	sm,shs	0.0	0.09
	Bath...	29.59	38	NW	3	0	29.86	+0.33	32	32	+6	NW	4	b	*	*	38	26	-	3.2	-
	Oxford...	29.55	33	NW	2	S	29.82	+0.36	28	26	-5	NNW	3	b	*	*	36	28	bc,og,sp	*	0.04
	London (St. James' Park)	29.45	33	NW	2	0	29.70	+0.30	34	33	+7	N	3	osp	*	*	36	27	bc,sp,o	0.0	0.06
	The Scaw (Skagen)	29.76	26	Z	0	S	29.74	+0.22	22	20	-6	Z	0	0	*	*	30	22	*	*	0.08
	Fanö...	29.75	19	NE	2	m	29.82	+0.41	19	19	-3	NE	1	f	*	*	37	18	*	*	-
	Cuxhaven...	29.63	22	S	2	b	29.77	+0.37	24	23	0	SE	1	0	*	*	25	18	*	*	-
FRANCE.	The Helder...	29.49	30	S	1	0	29.77	+0.54	27	27	-8	E	1	m	*	*	35	27	*	*	0.12
	Brussels...						29.71	+0.26	27	27	+3	ESE	1	S	*	*	30	20	*	*	0.08
	Berlin...	29.36	19	Z	0	f	29.78	+0.25	16	16	-4	NE	2	0	*	*	23	16	*	*	-
	Frankfurt...	29.63	31	SW	1	0	29.68	+0.18	27	27	-2	SW	2	0	*	*	34	27	*	*	0.04
	Munich...	29.72	14	SE	3	b	29.79	+0.19	11	11	-6	NW	4	b	*	*	25	5	*	*	0.08
	C. Gris Nez...	29.45	35	W	5	S	29.65	+0.24	28	28	-6	E	2	S	*	*	37	28	*	*	-
	Brest...	29.71	39	NE	4	bc	29.85	+0.23	40	36	+3	N	4	bc	*	*	40	30	*	*	0.12
	Lorient...	29.68	37	NNW	4	0	29.80	+0.24	39	37	+7	NNW	4	bc	*	*	43	32	*	*	-
	Rochefort...	29.69	30	ENE	2	m	29.74	+0.19	36	36	+6	Z	0	0	*	*	?	?	*	*	0.08
SPAN. PEN.	Biarritz...	29.67	34	SE	2	0	29.87	+0.29	34	33	-7	S	3	0	*	*	43	30	lsh,o	*	0.71
	Paris...	29.58	29	SSW	2	0	29.61	+0.11	30	30	+5	SSW	2	0	*	*	?	?	*	*	0.08
	Belfort...	29.60	25	WSW	4	0	29.71	+0.18	23	23	0	WSW	3	m	*	*	27	22	*	*	0.04
	Lyons...	29.66	21	E	1	f	29.79	+0.15	23	23	+8	E	1	0	*	*	26	15	*	*	-
	Nice...	29.44	34	NE	2	C	29.51	+0.11	32	27	+1	E	3	bc	*	*	34	28	*	*	-
	Perpignan...	29.61	37	NW	2	C	29.76	+0.20	34	31	-2	W	3	b	*	*	43	32	*	*	-
SPAN. PEN.	Corunna...																				
	Lisbon...																				
SPAN. PEN.	Azores (P. Delgada)																				
	„ (Horta)...	30.72	57	NE	4	C	30.72	+0.07	56	51	-5	E	1	0	*	*	59	55	*	*	-

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.03 in., but for Sumburgh Head +0.04 in.; for stations South of Malin Head and North Shields +0.02 in., but for Scilly and Jersey +0.01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

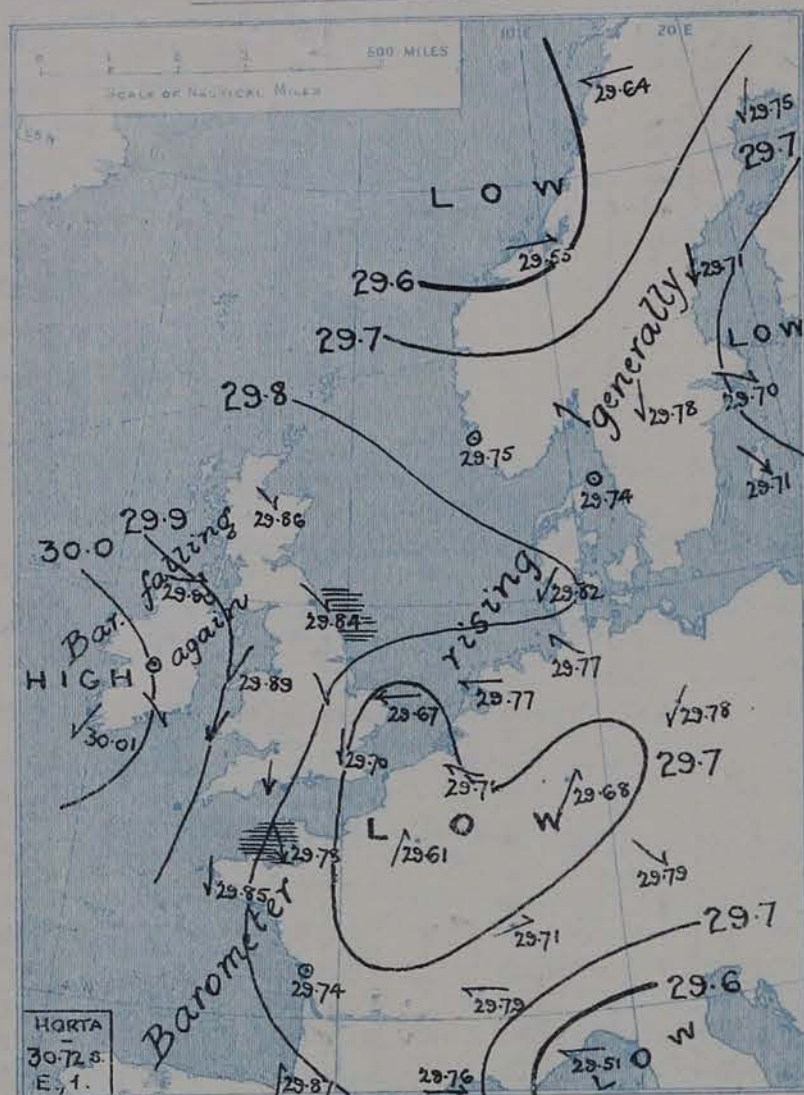
FOR Saturday, 29th December, 1906.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 →

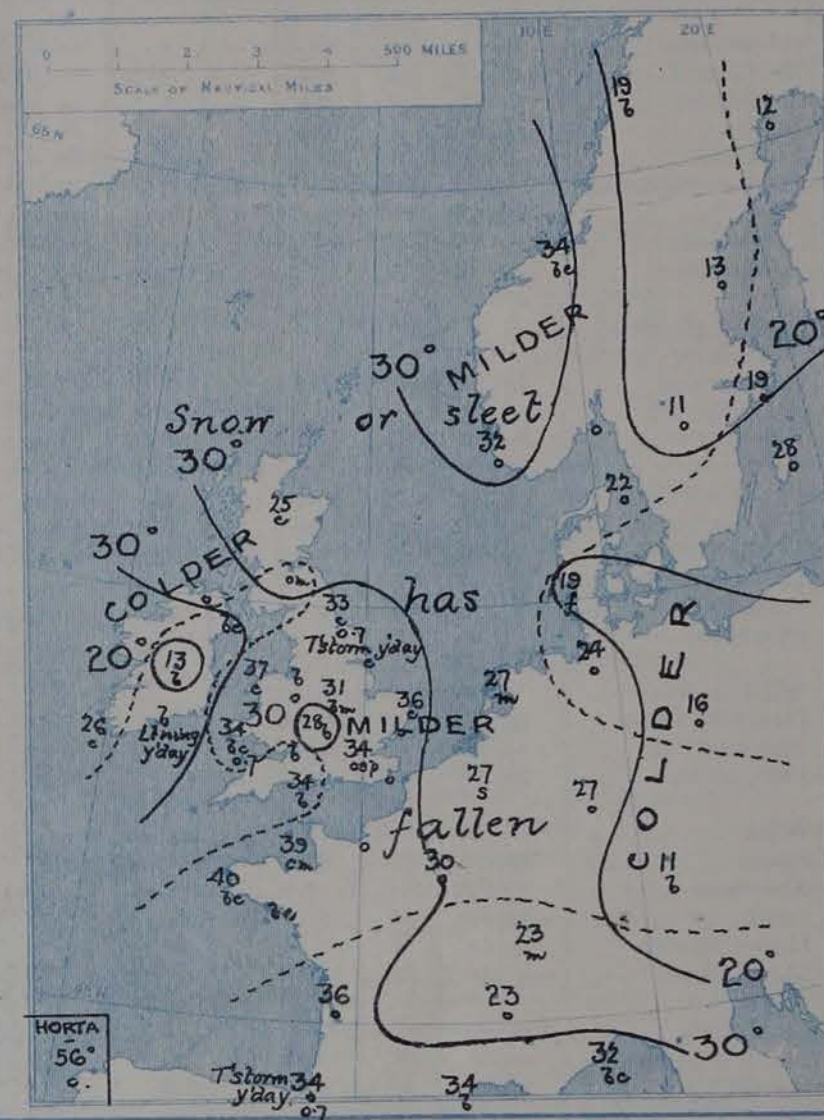
SEA—Rough High



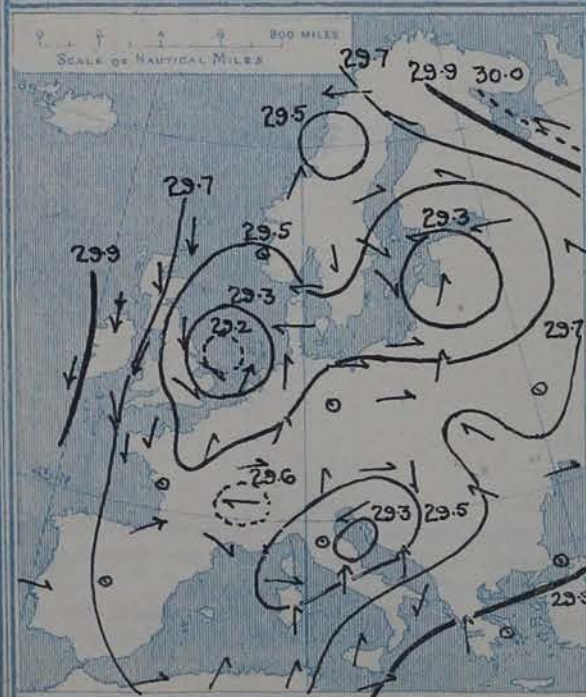
TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



Yesterday morning.



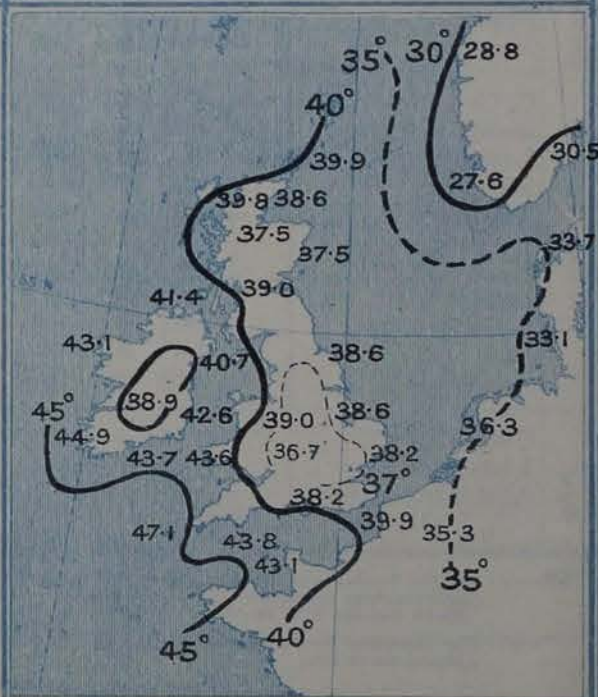
Total Duration recorded in various districts of the United Kingdom in the 51 weeks ended Saturday, 21st Dec., with the percentage of the average duration for the corresponding period.



Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period

DECEMBER—JANUARY.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression which lay over the North Sea yesterday has moved in a southerly direction and partially dispersed, while the barometer has risen rather decidedly over Great Britain. In the west and north of Ireland, however, the mercury is now falling again, and the wind in the north of that country is backing. Pressure ranges from 30.0 ins. and a little above over the south-west of Ireland, to below 29.7 ins. over the south-east of England, a considerable portion of France, and the west of Germany, and to below 29.6 ins. on the north-west coast of Norway, and also over the Gulf of Genoa.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has fallen light in nearly all places, but still blows freshly or strongly on the coast of Norfolk, over the English Channel, and at some Swedish stations. Over England and the south of Ireland it is chiefly Northerly, but is Easterly in the neighbourhood of the Wash, and has backed to West over the north of Ireland. On the Continent it is more variable in direction, but generally from between North-East and North-West. Temperature has changed rather irregularly, but generally it has fallen except in the south-east of England and the west of Norway. It is now extremely low over Central Ireland, the reading at Binn Castle being 13°; over Ireland as a whole and at most stations in Great Britain it is a little below the freezing point. The lowest readings on the Continent are 11° at Munich and Karlsbad and to 12° at Aspern, while the highest reported are 39° and 40° respectively at Lorient and Brest. The sky has cleared in most parts of England and Ireland, but it is still very cloudy over the south-eastern counties, with snow showers in London. At most Continental stations the weather is very cloudy or overcast; at Brussels and Cape Gris Nez snow is falling. The sea is rather rough on some parts of our eastern and southern coasts, moderate to smooth generally.

During yesterday the thermometer rose to above the freezing point in nearly all places, but the night was again cold and frosty. At Binn Castle the thermometer in the screen fell to 11°. Snow showers occurred in nearly all parts of the Kingdom yesterday; at North Shields, where a thunderstorm was experienced during the morning, the measurement is 0.67 inch, and at Pembroke 0.70 inch. Some of our southern stations and also Binn Castle recorded a considerable duration of bright sunshine.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

In the absence of so many of the northern and north-western reports it is impossible to issue a detailed forecast. It appears likely, however, that the fresh fall of the barometer which has commenced in the north of Ireland is due to a depression that will travel south-wards or south-eastwards and cause a continuance of cold, unsettled weather over the Kingdom generally, with further falls of snow in many localities.

FORECASTS*

For the 24 hours ending at NOON on 30th December, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Wind varying in force from some N th point; cold and unsettled weather, with snow showers or squalls in many places	6 { SCOTLAND WEST	Wind varying in force from some N th point; cold and unsettled weather, with snow showers or squalls in many places.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH		WARNINGS	The North Cone is still flying in District 2, and part of 1.

Note.—The South Cone, point downwards (⌋), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (⌋), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

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.			
Blackpool, to 9 p.m. ...	36	31	c. ops	0.7	—	Eastbourne, to 6 p.m. ...	39	29	*	4.0	0.06
Southport, to 9 p.m. ...	36	30	c.s.o.b	0.7	0.03	Bexhill-on-Sea, to 9 p.m. ...	35	28	s. b v	3.0	0.08
Rhyl, to 6 p.m. ...	38	32	?	0.0	—	Hastings ...	*	*	*	2.7	*
Llandudno, to 9 p.m. ...	38	31	osq	0.0	0.07	Folkestone, to 6 p.m. ...	33	19	c.b.c.s.b	1.2	0.02
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	35	31	s.c.o	0.6	0.12	Margate, to 6 p.m. ...	35	22	s.o	0.0	0.04
Aberystwyth, to 6 p.m. ...	40	30	c.c.os	0.0	0.05	Lowestoft, to 6 p.m. ...	33	22	c.c.oq.s.c	0.0	0.09
Plymouth, to 9 p.m. ...	37	27	b.c.p.s.b	0.5	0.03	Skegness ...	38	31	sq.c	0.5	0.16
Torquay, to 6 p.m. ...	41	29	*	3.7	—	Scarborough, to 6 p.m. ...	41	30	*	0.0	0.50
Bournemouth, to 6 p.m. ...	39	28	*	5.3	—	Harrogate, to 6 p.m. ...	34	30	b.c.s	0.1	0.17
Bognor, ...	*	*			*	Darwen, to 9 p.m. ...	32	27	oms.o.mq	0.0	—
Worthing ...	37	25	b.c.o	3.5	—	Manchester, to 9 p.m. ...	37	30	os.o	0.0	?
Brighton ...	36	27	*	3.0	0.07	Birmingham, to 9 p.m. ...	35	27	c.c.o	2.5	—

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

STATIONS. 28 th Dec. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 28 th Dec. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	21	16	s.s	0.04	Algiers ...	64	52	c.c	0.04
Utrecht ...	34	21	c.o	—	Tunis ...	61	41	c.b	—
Groningen ...	27	18	c.b	0.04	Madeira (Funchal) ...	63	48	b.c.b	—
Vienna ...	32	21	c.f	—	Geneva ...	32	*	i p.m.	Measured
Florence ...	51	39	c.f	0.39	Berne ...	30	*	s	0.62
Rome ...	55	50	c.o	0.04	Coire ...	34	*	o	0.20
Naples ...	56	50	c.c	0.12	Castasegna ...	30	*	b	0.12
Palermo ...	60	46	c.b	—	Lugano ...	36	*	b	0.08
Brindisi ...	52	34	c.b	—	Davos ...	19	*	o	0.08
Malta ...	60	54	b	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	29 th Dec. 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	8.6	11.55	3.45
Holland ...	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	8.8	12.2	3.57
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	9.5	12.14	3.23
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.57	12.43	4.36
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Sunday,

Meteorological Office, London.

30th December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.		
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)		Max.	Min.					
SCANDINAVIA.	Haparanda...	Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours	Ins.	
	Hernösand ...	29.82	7	N	2	o	29.90	+1.15	10	10	-2	N	2	o	x	14	7	*	*	-	
	Stockholm ...	29.77	11	N	2	o	29.81	+1.10	14	14	+1	NNW	2	S	*	16	9	*	*	-	
	Wisby ...	29.71	17	NW	2	S	29.70	.00	17	17	-2	NW	2	S	*	21	16	*	*	0.04	
	Karlstad ...	29.70	28	NW	5	S	29.63	-.08	26	25	-2	N	4	o	*	30	25	*	*	0.16	
	Färder (X'ania Fjord)	29.77	9	N	2	o	29.76	-.02	12	12	+1	N	2	c	*	*	*	*	*	-	
	Bodö ...	29.70	19	N	3	f	29.73	-.02	16	16	-6	N	4	m	2	22	14	*	*	-	
	Christiansund ...	29.67	18	E	6	b	29.73	+0.09	20	17	+1	E	5	b	2	20	?	*	*	-	
	Skudesnaes ...	29.58	31	SE	2	b	29.64	+0.09	29	27	-5	NE	7	b	4	34	28	*	*	-	
BRITISH ISLANDS.	Sumburgh Head	29.73	33	ESE	2	c	29.67	-.08	27	26	-5	E	4	b	2	32	27	c, b	*	-	
	Stornoway ...	29.67	31	NW	1	c	29.59	-.13	30	30	-1	Z	0	o	3	33	23	bc, c, s	*	0.36	
	Malin Head ...	29.73	29	NW	2	c	29.54	+1.32	32	32	+7	W	2	o	2	32	25	o, c	0.0	0.16	
	Blacksod Pt. ...	29.73	30	SW	4	o	29.43	-.47	31	31	-3	SSW	5	os	3	34	28	osp, og	*	0.01	
	Valencia ...	29.69	36	ESE	4	r	29.71	-.30	40	39	+14	SSE	2	rgm	4	41	25	osp, rm	0.0	0.26	
	Roche's Point ...	29.81	36	S	2	o	29.73	-.28	35	35	+7	NW	2	m	3	38	27	og, s, r, f	*	0.09	
	Birr Castle ...	29.81	28	SE	2	o	29.65	-.35	32	31	+19	S	1	o	*	33	13	o, s	0.0	0.05	
	Donaghadee ...	29.83	29	WSW	2	m	29.65	-.28	28	28	-1	WSW	2	bc	1	31	24	cm, o, m	*	-	
	Liverpool Obsy...	29.84	30	N	1	bc	29.71	-.19	28	26	-1	SE	2	o	?	35	27	-	*	0.05	
	Holyhead ...	29.81	35	Z	0	osp	29.67	-.22	33	32	-4	W	1	e	1	40	31	s, esp	*	0.46	
	Pembroke (St. Ann's Hd.)	29.83	37	S	2	c	29.72	-.18	36	35	+2	NE	1	crsp	2	42	31	bc, c, p, s	2.9	0.21	
	Scilly (St. Mary's) ...	29.85	39	NW	5	og	29.82	+0.04	36	34	-3	SE	4	omg	3	42	36	bc, c, p	4.5	0.02	
	Jersey (St. Aubins) ...	29.85	34	NNE	2	b	29.74	-.07	40	39	+6	SSW	3	o	2	41	33	b	*	-	
	Portland Bill ...	29.82	26	E	1	f	29.80	+1.14	33	32	0	S	4	o	3	36	19	c, f	1.1	-	
	Dungeness ...	29.82	26	E	1	f	29.80	+1.14	33	32	0	S	4	o	3	36	19	c, f	1.1	-	
	Wick ...	29.74	15	NW	1	b	29.56	-.23	21	20	-3	NW	1	e	2	24	15	-	*	0.04	
	Nairn ...	29.77	23	NW	1	o	29.58	-.28	27	26	+2	Z	0	o	1	28	21	-	0.2	-	
	Aberdeen ...	29.77	20	W	2	bc	29.62	-.23	16	16	-7	WNW	2	bc	2	28	13	bc	0.1	-	
	Leith ...	29.79	30	W	1	o	29.63	-.23	24	24	-3	Z	0	f	*	31	22	om	*	-	
	North Shields ...	29.80	29	W	2	c	29.68	-.16	28	28	-5	SW	1	o	3	33	25	c, s	*	0.04	
	Spurn Head ...	29.81	33	WNW	2	c	29.72	-.06	29	29	-8	SSW	1	e	3	39	29	-	*	-	
	Yarmouth ...	29.80	33	NNW	2	bc	29.78	+1.11	21	21	-15	WNW	2	cm	3	36	19	bc	*	-	
	Clacton-on-Sea ...	29.84	29	NNE	3	c	29.83	+1.13	23	22	-12	Z	0	f	1	36	19	og, cm, af	0.1	-	
	Nottingham ...	29.85	24	Z	0	f	29.74	-.08	24	23	-7	SW	1	f	*	37	16	-	2.4	-	
Bath ...	29.88	30	NW	1	m	29.77	-.09	28	28	-4	W	1	m	*	36	21	-	5.0	-		
Oxford ...	29.88	27	N	1	bc	29.79	-.03	28	28	0	S	1	f	*	35	26	-	*	-		
London (St. James' Park)	29.85	29	Z	0	om	29.80	+1.0	29	?	-5	Z	0	o	*	35	25	sp, dm, f	0.0	0.04		
GERMANY, & C.	The Scaw (Skagen)	29.71	28	W	1	o	29.70	-.04	27	26	+5	NE	2	o	0	30	21	*	*	-	
	Fanö ...	29.78	28	NE	2	c	29.74	-.08	29	28	+10	NE	1	c	*	?	18	*	*	0.08	
	Cuxhaven ...	29.84	23	Z	0	f	29.80	+0.03	17	16	-7	S	2	odf	*	25	16	*	*	-	
	The Helder ...	29.87	23	Z	0	o	29.74	-.03	21	21	-6	Z	0	f	1	27	12	*	*	-	
	Brussels ...		*	*	*	*	29.91	+1.20	23	23	-4	SW	1	c	*	33	17	*	*	-	
	Berlin ...	29.80	20	NE	2	o	29.84	+1.06	12	11	-4	WNW	2	o	*	23	10	*	*	-	
	Frankfurt ...	29.78	27	NW	2	o	29.89	+1.21	12	12	-15	NE	1	o	*	32	12	*	*	-	
Munich ...	29.82	18	SW	3	bc	29.84	+1.05	19	19	+8	NW	5	s	*	25	10	*	*	-		
FRANCE.	C. Gris Nez ...	29.86	27	E	1	o	29.86	+1.21	21	21	-7	SSE	3	m	2	32	23	*	*	-	
	Brest ...	29.89	40	N	2	c	29.73	-.12	38	37	-2	NE	3	bc	2	41	36	*	*	-	
	Lorient ...	29.93	41	NNW	4	c	29.72	-.08	38	37	-1	SE	4	r	4	45	36	*	*	0.32	
	Rochefort ...	29.90	40	NNW	5	b	29.82	+0.08	36	34	0	SSE	3	o	*	41	?	bc, b	*	-	
	Biarritz ...	29.98	41	Z	0	blr	29.89	+1.02	40	36	+6	SW	1	c	2	41	34	*	*	1.30	
	Paris ...	29.85	30	NE	2	o	29.93	+1.32	26	24	-4	SE	2	o	*	32	25	*	*	-	
	Belfort...	29.75	24	NE	2	S	29.90	+1.19	19	19	-4	W	4	m	*	27	18	*	*	-	
	Lyons ...	29.82	26	E	1	S	29.95	+1.16	25	23	+2	N	1	s	*	29	23	*	*	0.20	
	Nice ...	29.58	31	Z	0	bc	29.64	+1.13	32	30	0	ENE	4	b	3	46	28	*	*	0.08	
Perpignan ...	29.80	40	W	3	b	29.89	+1.13	35	32	+1	NE	2	b	*	43	33	*	*	-		
SPAN. PEN.	Corunna ...																	*	*		
	Lisbon ...	30.31	43	Z	0	o	30.18	.00	55	53	+16	WNW	3	r	*	?	39	*	*	0.43	
	Azores (P. Delgada)...	30.71	54	Z	0	bc	30.65	-.02	54	50	-2	Z	0	o	2	59	52	*	*	-	
,, (Horta) ...		30.73	54	NNW	2	o	30.69	-.03	52	48	-4	NW	3	e	2	63	50	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR SUNDAY, 30th DECEMBER, 1906.

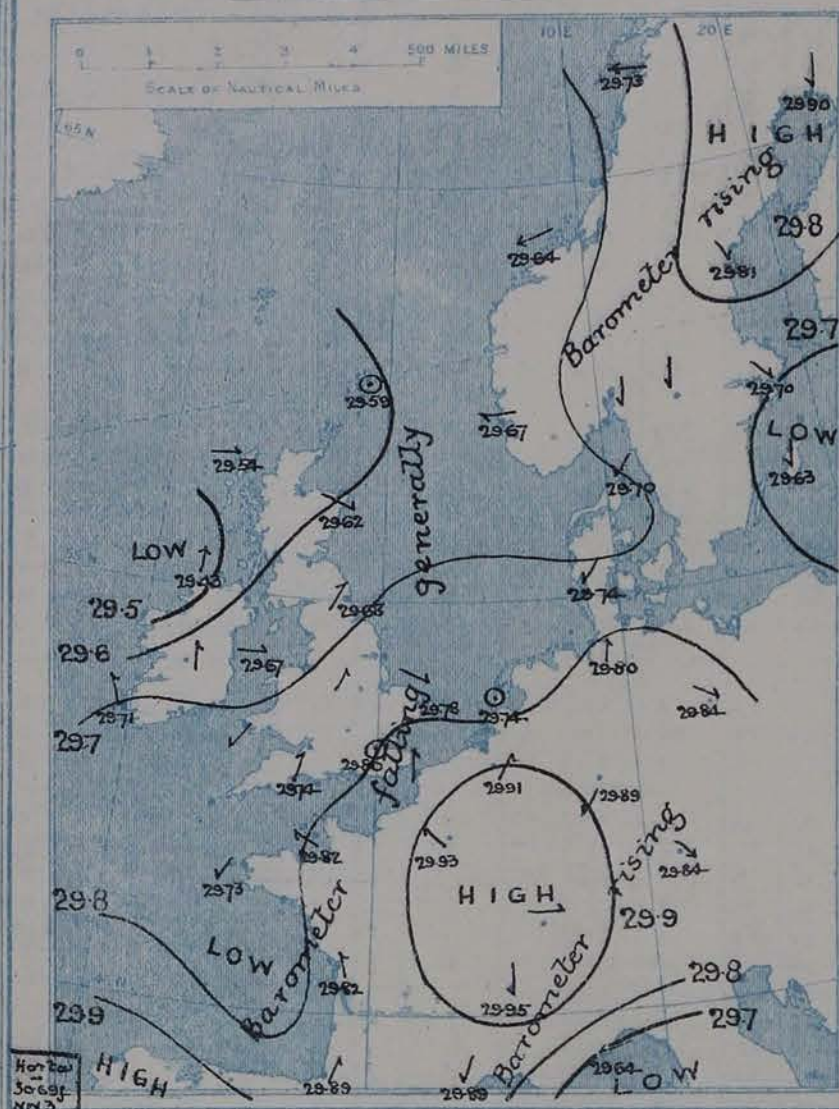
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ——— Force 5 to 7 ——— } Calm ☉
Force 8 to 10 ——— Force 1 to 4 ———

SEA.—Rough High

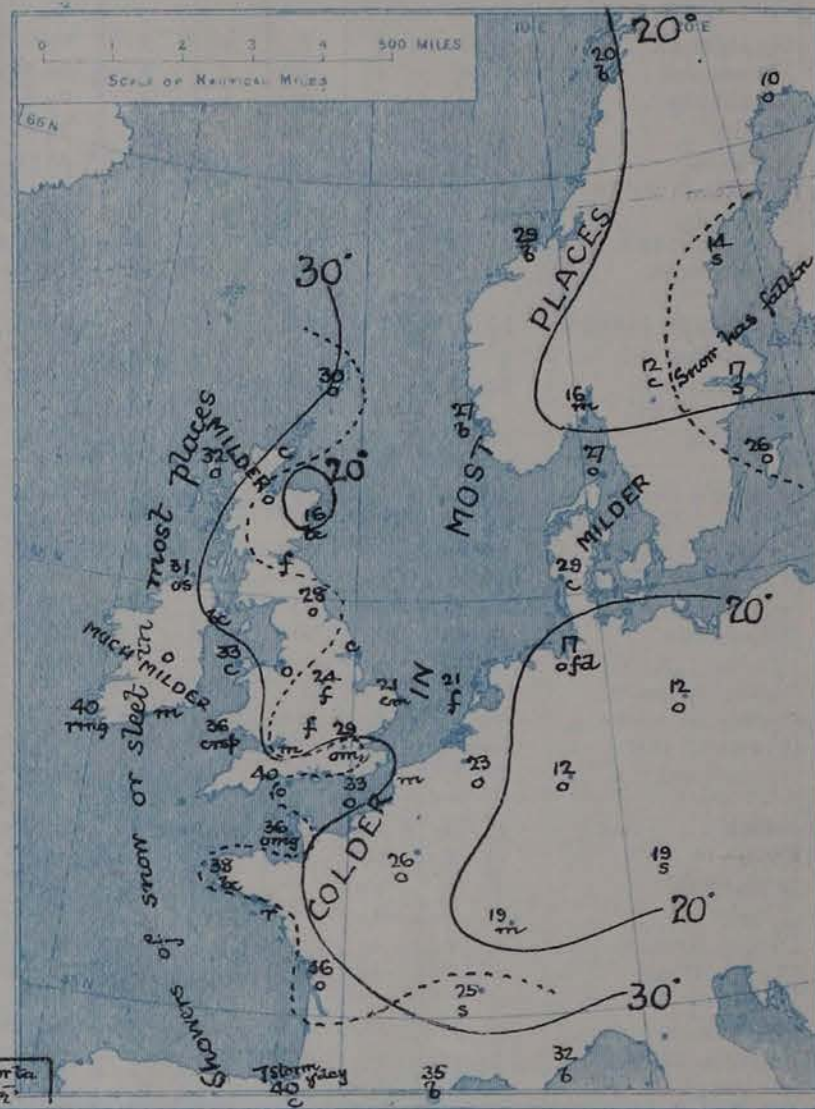


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the 51 weeks ended Saturday, 27th DEC^r, with the percentage of the average for the corresponding period.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.

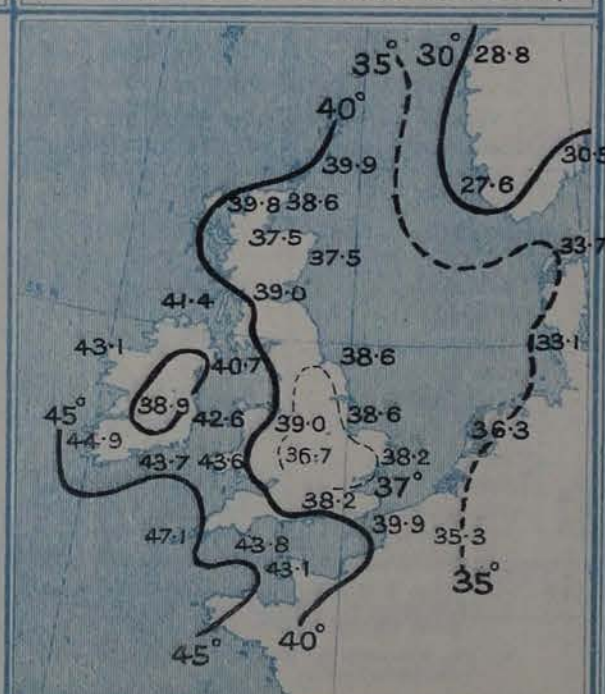


V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

DECEMBER — JANUARY.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 30.1 ins. and upwards, over Portugal, but is somewhat high, 29.9 ins. and upwards over Belgium and the eastern and central parts of France and also over Lapland. The lowest pressures, 29.5 ins. and less, are found in a cyclonic system of moderate depth which has appeared off the northwest of Ireland; a shallow, secondary system is lying over the Bay of Biscay. The barometer is falling slightly in most parts of the United Kingdom, and also in the western parts of France and Norway, but is rising elsewhere.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light breezes from between S. and W. are reported over the greater part of the United Kingdom, and from the S.E. in France. On the eastern shores of the North Sea the wind varies between E. and N.E., while in Sweden it is N., and in Germany N.W. Temperature has risen in all the more southwestern parts of the United Kingdom, the change since yesterday morning amounting to 14° at Valencia, and to 19° at Birr Castle. Over the northern and eastern parts of Great Britain the thermometer has fallen, the morning readings being as low as 16° at Aberdeen, 21° at Wick and Yarmouth, and 23° at Blacton-on-Sea. Hard frost prevails also over the northern and central parts of the Continent, the lowest temperatures reported being 10° at Haparanda, and 12° at Karlstad and Berlin. The weather remains in a cloudy, unsettled state over Western Europe as a whole, with fog at several of our own eastern and central stations, as well as at the Helder and Cuxhaven. Snow, sleet or cold rain is reported at some places in the west; snow is also falling at Lyons and Munich, as well as at some of the Swedish stations. In the west of Norway the weather is fine. The sea is slight or smooth generally.

At many places in the northern and eastern parts of the United Kingdom the thermometer yesterday remained below the freezing point, and in the course of the night some very low temperatures were registered in the same districts. At Folkestone the thermometer fell to 12°, at Aberdeen to 13°, and at Wick to 15°. The duration of bright sunshine was large on some parts of our southern and eastern coasts; at Bath it amounted to 5.0 hours, and at Plymouth and Bournemouth to 5.7 hours. Snow or sleet fell yesterday in many parts of the United Kingdom, - chiefly in the West, South and extreme North.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 31st December, 1906.

DISTRICTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

FORECASTS.

None Issued.

DISTRICTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

WARNINGS

FORECASTS.

None Issued.

{ At 7.10 pm yesterday to Districts 8 and 10, "Hoist South Cone."

Note - The South Cone, point downwards (⏚), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (⏚), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

DAILY WEATHER REPORT.

Sunday 30th December, 1906

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.			
Blackpool, to 9 p.m.	34	24	c. o. s	2.4	0.01	Eastbourne, to 6 p.m. ...			*		
Southport, to 9 p.m.	35	22	bc, m	2.7	-	Bexhill-on-Sea, to 9 p.m.					
Rhyl, to 6 p.m.						Hastings	*	*	*		*
Llandudno, to 9 p.m. ...	38	31	bc sp	1.3	0.01	Folkestone, to 6 p.m. ...	35	24	o. bc. b	0.6	0.04
Bettws-y-Coed, to 6 p.m.						Broadstairs,	*	*	*		*
Towyn, to 6 p.m.	36	24	s. bc. o	2.0	0.01	Margate, to 6 p.m. ...	37	31	o. b. o	1.3	0.05
Aberystwyth, to 6 p.m. ...	39	25	c. b. o. s	4.0	0.02	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	36	29	b. bc. bm	5.7	0.01	Skegness	38	25	h. bc. c	3.7	0.01
Torquay, to 6 p.m. ...			*			Scarborough, to 6 p.m. ...			*		
Bournemouth, to 6 p.m. ...	37	32	*	5.7	-	Harrogate, to 6 p.m. ...	35	23	s. bc. o	2.4	0.10
Bognor,	*	*			*	Darwen, to 9 p.m. ...					
Worthing	35	31	s. o	0.2	0.06	Manchester, to 9 p.m. ...	36	21	of	0.0	-
Brighton			*			Birmingham, to 9 p.m. ...	32	26	c	1.8	-

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

STATIONS 29 th Decr. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 29 th Decr. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg	20	16	c. c	0.12	Algiers	59	39	r. r	-
Utrecht	30	12	c. m	-	Tunis	61	39	o. o	-
Groningen	30	14	bc. f	-	Madeira (Funchal)	Not	recd		
Vienna	27	25	o. f	0.04					
Florence	?	?	o. m	0.59	Geneva	23	*	bc	Measured 7 a.m. 0.04
Rome	57	46	o. o	-	Berne	23	*	bc	0.20
Naples	58	49	o. b	-	Coire	25	*	b	-
Palermo	62	53	b. b	-	Castasegna	27	*	b	-
Brindisi	57	37	b. o	-	Lugano	39	*	b	-
Malta	60	54	bc	-	Davos	16	*	b	0.08

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	30 th Decr. 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth	8.6	11.56	3.46
Holland	7 a.m. (")	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	8.8	12.3	3.58
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	9.5	12.15	3.24
Belgium	7 a.m. (West European)	7 a.m.	Not published	—	Valencia	8.51	12.44	4.37
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT.

Monday,

Meteorological Office, London.

31st December, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force (0 to 12.)	Weather.	Barometer.		Temperature.			Wind.		Force (0 to 12.)	Weather.	Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.
							At 32° Fahr. and M.S.L.	Dry Bulb.	At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Dirac.	Max.			
SCANDINAVIA.	Haparanda...	Ins.	°				Ins.	Ins.	°	°	°						°	°		Hours.	Ins.
	Hernösand ...	29.98	9	Z	0	c	29.99	+0.09	6	6	-4	N	2	0	*	12	26	*	*	-	
	Stockholm ...	29.88	15	N	2	0	29.92	+0.11	16	14	+2	Z	0	S	*	16	10	*	*	0.04	
	Wisby...	29.71	17	N	2	c	29.75	+0.05	18	17	+1	NE	2	0	*	19	14	*	*	0.08	
	Karlstad ...	29.58	27	N	6	c	29.63	-0.05	21	18	-5	ESE	2	c	*	36	21	*	*	0.12	
	Färder (X'ania Fjord)	29.82	11	N	2	0	29.82	+0.06	16	15	+4	N	2	0	*	*	*	S	*	0.04	
	Bodö ...	29.81	19	NNE	2	c	29.84	+0.11	21	20	+5	N	4	0	2	?	16	*	*	-	
	Christiansund ...	29.76	19	E	4	0	29.84	+0.11	20	17	0	E	4	0	1	21	16	*	*	-	
	Skudesnaes ...	29.71	26	E	1	0	29.71	+0.07	22	20	-7	E	1	0	3	29	21	*	*	-	
BRITISH ISLANDS.		29.70	29	SE	2	0	29.73	+0.06	26	24	-1	ESE	4	0	2	32	25	c, b	*	-	
	Sumburgh Head †	29.55	28	Z	0	c	29.49		34	34		SE	2	bsp	3	34	24	c	*	0.14	
	Stornoway ...	29.36	44	NW	6	c	29.33	-0.10	39	39	+8	S	4	og	3	45	30	cp, cv	*	0.04	
	Malin Head ...	29.68	46	WNW	2	c	29.52	-0.19	48	48	+8	SW	3	rm	4	49	37	cp, c	1.1	0.23	
	Roche's Point ...	29.63	43	WNW	3	c	29.55	-0.18	43	43	+8	WSW	1	m	2	45	35	pm, bc	*	0.03	
	Birr Castle ...	29.57	38	Z	0	0	29.48	-0.17	39	38	+7	S	2	0	*	40	32	or	0.0	0.05	
	Donaheadee ...	29.45	35	S	1	r	29.45	-0.20	36	36	+8	SSW	2	0	2	38	28	os, cd	*	0.25	
	Liverpool Obsy...	29.51	34	SE	4	0	29.52	-0.19	38	37	+10	WSW	2	0	2	39	28	os, r	*	0.32	
	Holyhead ...	29.47	42	W	3	om	29.48	-0.19	43	42	+10	W	3	c	2	43	33	r, om	*	0.41	
	Pembroke (St. Ann's Hd.)	29.55	41	NW	4	0	29.57	-0.15	43	36	+7	WSW	3	0	3	47	35	cv, or, p	0.0	0.41	
	Scilly (St. Mary's) ...																				
	Jersey (St. Aubins) ...	29.81	38	SSW	4	0	29.73	-0.09	43	42	+7	WNW	3	ogm	3	?	?	ods	2.7	0.06	
	Portland Bill ...	29.66	42	WSW	5	op	29.62	-0.12	44	43	+4	W	4	cp	4	47	37	r, op	*	0.20	
	Dungeness ...	29.73	36	SSW	5	0	29.57	-0.23	39	38	+6	WSW	4	0	4	42	31	0	0.0	0.43	
	Wick ...																				
	Nairn ...	29.51	22	Z	0	0	29.46	-0.12	12	11	-15	Z	0	m	0	30	9	m	0.0	-	
	Aberdeen ...	29.56	16	W	2	0	29.50	-0.12	19	19	+3	WNW	2	cm	2	20	13	bcm	0.0	-	
	Leith ...	29.51	29	SE	1	0	29.47	-0.16	29	29	+5	SE	1	cm	*	32	20	0	*	-	
	North Shields ...	29.54	29	SW	1	0	29.51	-0.17	31	30	+3	WSW	1	0	2	31	24	0, sp	*	0.02	
	Spurn Head ...	29.57	33	SSW	4	S	29.50	-0.22	35	33	+6	NW	2	0	3	35	26	om, od	*	0.01	
	Yarmouth ...	29.69	31	SW	4	r	29.52	-0.26	35	34	+14	W	3	f	3	35	20	c, r	*	0.11	
	Clacton-on-Sea ...	29.74	34	SSW	5	0	29.57	-0.26	34	34	+11	WSW	2	c	2	36	21	cm, sp, r	0.4	0.13	
	Nottingham ...	29.60	33	SW	1	S	29.54	-0.20	34	33	+10	ESE	1	f	*	35	24	s, om, s	0.0	0.14	
	Bath ...	29.65	36	S	3	r	29.62	-0.15	32	32	+4	SW	1	m	*	38	28	-	0.0	0.08	
	Oxford ...	29.62	33	S	3	S	29.60	-0.19	34	34	+6	WSW	1	c	*	36	28	fg, s, cm	*	0.16	
	London (St. James' Park)	29.69	36	SW	3	ots	29.57	-0.23	36	36	+7	SW	2	om	*	37	28	os, rs, r	0.0	0.30	
GERMANY, & C.	The Scaw (Skagen)	29.76	26	E	2	c	29.80	+0.10	23	22	-4	E	3	0	1	28	23	*	*	-	
	Fanö ...	29.70	28	NE	3	0	29.66	-0.08	26	25	-3	NE	7	S	*	30	25	*	*	0.04	
	Cuxhaven ...	29.76	23	SW	3	0	29.71	-0.09	18	18	+1	S	3	0	*	27	17	*	*	-	
	The Helder ...	29.75	33	SW	6	0	29.58	-0.16	25	24	+4	S	5	3	3	37	21	*	*	0.04	
	Brussels ...		*	*	*	*	29.71	-0.20	24	24	+1	SSW	6	S	*	27	18	*	*	-	
	Berlin ...	29.78	18	SW	2	0	29.82	-0.02	21	21	+9	Z	0	0	*	21	12	*	*	0.12	
	Frankfurt ...	29.98	16	SW	2	0	29.96	+0.07	14	14	+2	SW	1	0	*	28	12	*	*	-	
	Munich ...	30.03	18	W	4	c	30.15	+0.31	2	1	-17	SE	2	0	*	19	0	*	*	-	
FRANCE.	C. Gris Nez ...	29.78	28	S	3	0	29.62	-0.24	40	40	+19	SW	3	0	5	40	21	*	*	0.32	
	Brest ...	29.79	44	SSE	3	c	29.73	0.00	48	46	+10	WNW	4	0	4	?	38	*	*	0.04	
	Lorient ...	29.83	46	SE	3	0	29.78	+0.06	47	46	+9	WNW	3	0	4	?	?	*	*	0.12	
	Rochefort ...	29.90	36	ESE	2	0	29.91	+0.09	38	37	+2	SSE	4	0	*	?	36	0, m	*	-	
	Biarritz ...	29.77	37	Z	0	r	30.03	+0.14	45	44	+5	S	3	0	2	45	34	*	*	0.75	
	Paris ...	29.93	22	S	2	0	29.83	-0.10	24	23	-2	SSW	3	S	*	29	18	*	*	-	
	Belfort...	29.97	19	W	2	m	30.04	+0.14	12	12	-7	W	3	c	*	26	6	*	*	-	
	Lyons ...	29.99	22	N	1	0	30.12	+0.17	15	14	-10	N	1	0	*	29	14	*	*	-	
	Nice ...	29.79	32	E	2	0	30.03	+0.39	31	28	-1	E	2	0	4	41	30	*	*	-	
Perpignan ...	29.85	36	Z	0	c	30.06	+0.17	32	32	-3	SW	1	bc	*	40	31	*	*	-		
SPAN. PEN.	Corunna ...																	*	*		
	Lisbon ...																	*	*		
	Azores (P. Delgada)...	30.62	57	N	4	0	30.59	-0.06	55	52	+1	Z	0	0	2	61	54	*	*	-	
	" (Horta) ...	30.66	55	NW	2	0	30.60	-0.09	57	52	+5	SSW	3	0	1	59	52	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

† Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR Monday, 31st December, 1906.

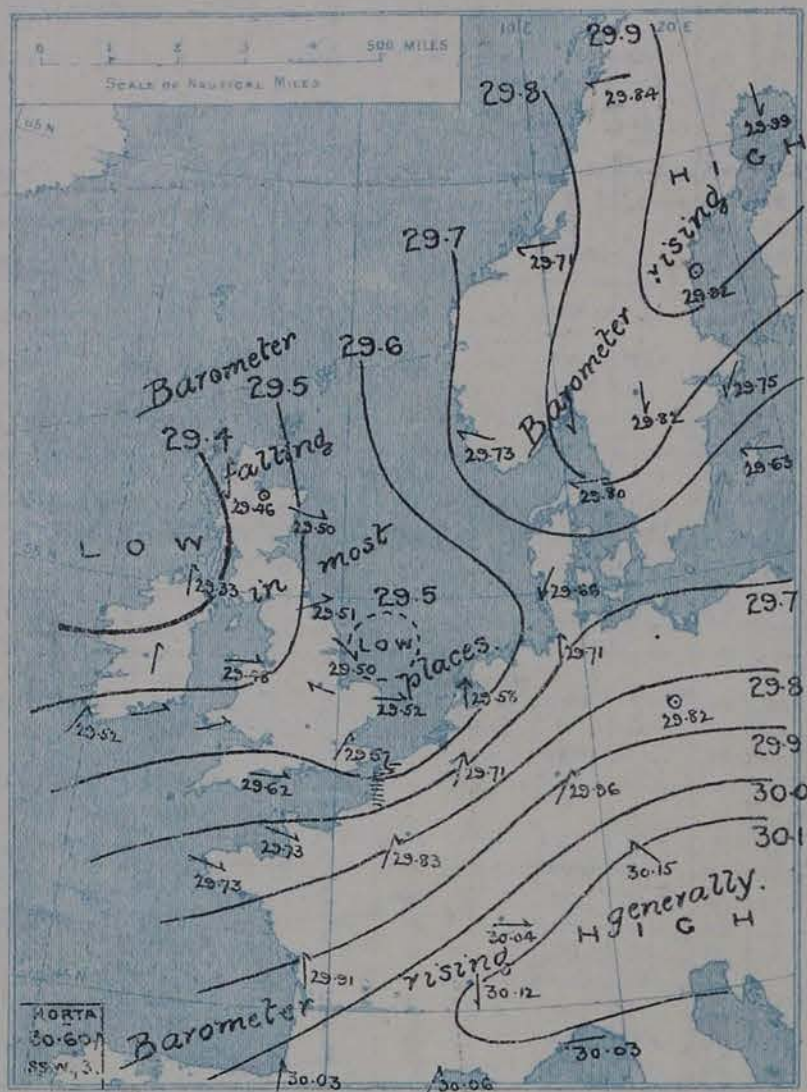
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 →

SEA—Rough High

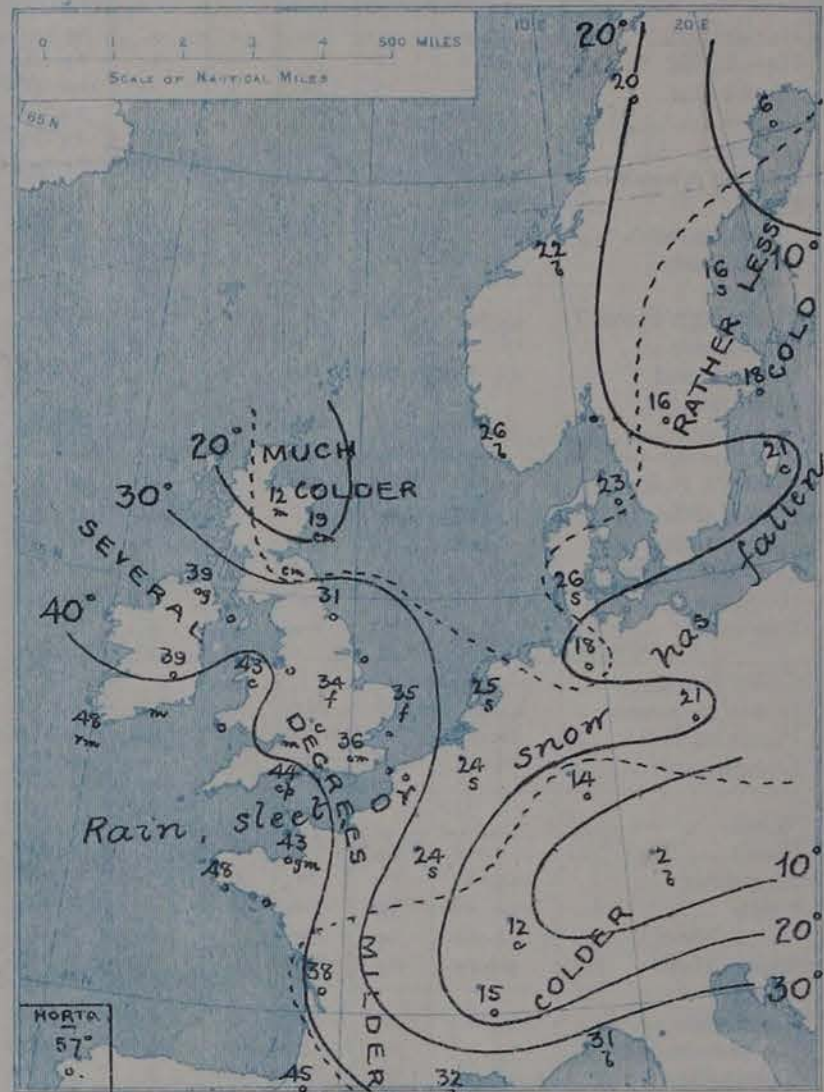


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

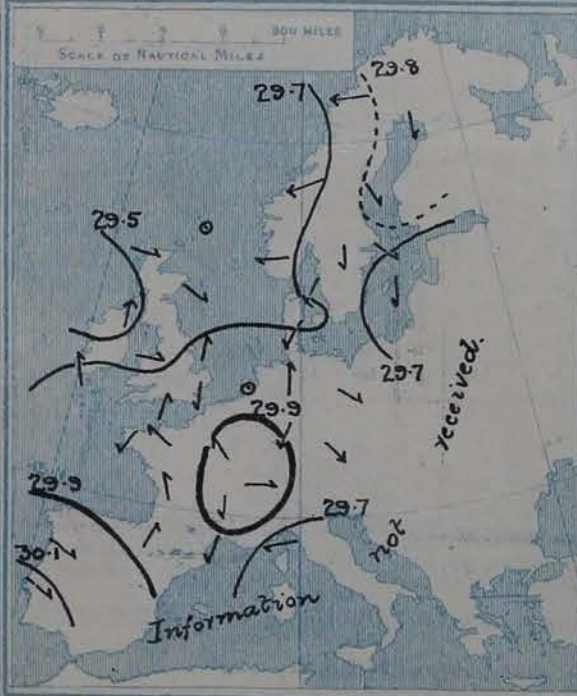
WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

Yesterday morning.



IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the week ended, Saturday, 22nd Dec. with the percentage of the average for the corresponding week.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.

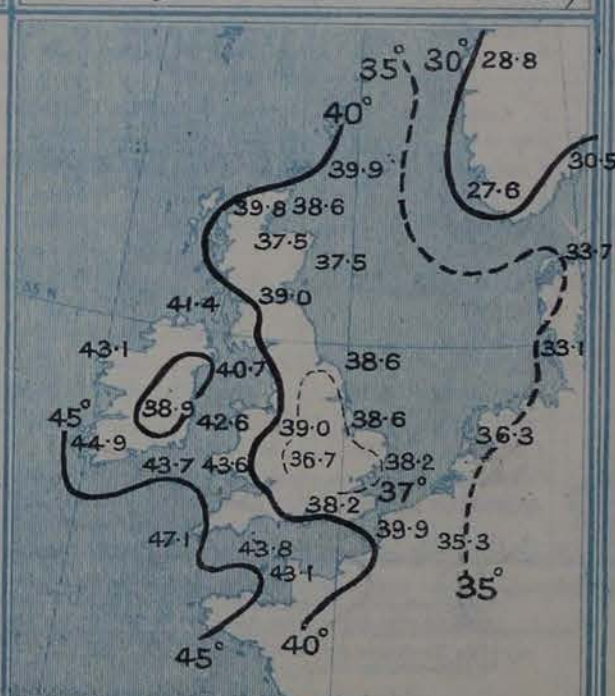


V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

DECEMBER - JANUARY.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

During the past night a small shallow depression has moved eastwards to the North Sea, its centre now lying off the coast of Yorkshire. A larger disturbance, apparently of little depth, is shown off our North-west Coast, while pressure is relatively high both over the north of Scandinavia and Bavaria. The readings range from 29.3 ins. off the north-west coast of Ireland and 29.5 ins. at Spurn Head, to 30.0 ins. in Lapland, and to 30.15 ins. at Munich.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light or moderate from South-west or West over the greater part of England, Ireland and France, while over Denmark and Scandinavia it is mainly North-easterly or Easterly, and in Scotland light and variable. Temperature has risen several degrees in Ireland, England, the South of Scotland and in Brittany and Normandy, fallen in the north of Scotland, Norway, the east of France and over South Germany. It is now above 32° in all parts of England except the extreme north-east, as well as in Ireland, the highest readings reported being 48° at Valencia and 44° at Portland Bill. At Aberdeen the thermometer is still as low as 19°, and at Naim it stands at 12°. Severe frost still prevails in nearly all Continental regions; in many places the thermometer is below 20°, and in some localities below 10°. The lowest readings reported are 6° at Haparanda and 2° at Munich. The weather is cloudy or overcast very generally except along the west coast of Norway, at Munich, and on the south-east coast of France. Rain is falling on the south-west coast of Ireland and snow in the north-east of France and over Holland and Belgium, as well as at Paris and Herisand; fog prevails at Yarmouth and Nottingham and mist at some of our other stations. The sea is rather rough at Cape Finis Rey, moderate to smooth generally.

During yesterday the thermometer rose to above 32° in most parts of the Kingdom but only touched 20° at Aberdeen, and the minima of the night were extremely low in Scotland generally; at Naim the reading was 9°. Sleet or rain has fallen over Ireland and England, the largest measurements being 0.4 in. at Dungannon and on the coast of Wales. Scarcely any bright sunshine was recorded except at Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in pressure point to unsettled weather over the United Kingdom. A cold thaw is likely to continue for the present over the greater part of England and Ireland, and some decrease in the intensity of the frost is to be expected in Scotland. Further falls of snow are probable in the north and north-east.

FORECASTS*

For the 24 hours ending at NOON on 1st JANUARY, 1907.

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH
- 1 { SCOTLAND EAST
- 2 { ENGLAND N.E.
- 3 { ENGLAND EAST
- 4 { MIDLAND COUNTIES
- 5 { ENGLAND SOUTH

Light or moderate winds between E. and S.E.; cold becoming less intense; snow probable at times.

Light or moderate S.W. or W. winds; generally cloudy or overcast; some showers of rain or sleet; gradual thaw continuing during to-day. Frost probable again at night.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST
- 7 { ENGLAND N.W.
- 8 { ENGLAND S.W.
- 9 { IRELAND NORTH
- 10 { IRELAND SOUTH

Same as Nos 0 to 2.

W. or S.W. winds, light or moderate; some showers of rain or sleet; less cold than of late.

Same as Nos 7 and 8.

WARNINGS

NONE ISSUED.

Note—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

0. 6 p.m.

DAILY WEATHER REPORT.

31st DECEMBER, 1906

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.			
Blackpool, to 9 p.m. ...	33	26	o, s, b	0.0	0.09	Eastbourne, to 6 p.m. ...	39	28	*	0.0	
Southport, to 9 p.m. ...	34	26	b, s, o	0.0	0.18	Bexhill-on-Sea, to 9 p.m. ...	38	33	g	0.0	0.01
Rhyl, to 6 p.m. ...	35	?	?	0.2	0.04	Hastings ...	*	*	*	0.0	*
Llandudno, to 9 p.m. ...	36	30	ops	0.0	0.03	Folkestone, to 6 p.m. ...	35	12	o	0.0	-
Bettws-y-Coed, to 6 p.m. ...	35	26	o, o, r	0.0	-	Broadstairs, ...	*	*	*		*
Towyn, to 6 p.m. ...	39	28	o, r	0.0	0.23	Margate, to 6 p.m. ...	34	21	o	0.2	-
Aberystwyth, to 6 p.m. ...	40	30	o, r	0.0	0.07	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...						Skegness ...	33	22	o, s	0.0	0.01
Torquay, to 6 p.m. ...	39	30	*	0.0	0.06	Scarborough, to 6 p.m. ...	37	26	*	0.0	0.01
Bournemouth, to 6 p.m. ...	38	26	*	0.0	0.06	Harrogate, to 6 p.m. ...	30	25	sp	0.0	0.05
Bognor, ...	*	*			*	Darwen, to 9 p.m. ...					
Worthing ...	39	27	S, o, c, o	0.2	0.10	Manchester, to 9 p.m. ...	34	23	os	0.0	?
Brighton ...	39	27	*	0.1	0.01	Birmingham, to 9 p.m. ...	33	21	o, s	0.0	0.04

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

STATIONS 30 th Dec. 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
St. Petersburg ...	Observations not received.				Algiers ...	Observations not received.			
Utrecht ...					Tunis ...				
Groningen ...					Madeira (Funchal) ...				
Vienna ...									
Florence ...					Geneva ...	27	*	1 p.m.	Measured 7 a.m.
Rome ...					Berne ...	23	*		
Naples ...					Coire ...	18	*		
Palermo ...					Castasegna ...	28	*		
Brindisi ...					Lugano ...	37	*		
Malta ...					Davos ...	7	*		

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, 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.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	31 st Dec. 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	8.6	11.56	3.46
Holland ...	7 a.m. (,, ,)	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	8.8	12.3	3.58
Germany, Denmark Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	9.5	12.15	3.25
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	8.51	12.44	4.37
France ...	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.				
Spain ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ...	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

Single Copies (price 1d.) may be obtained after 8 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

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

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

W. N. SHAW, (Director).

* At Oxford the observations are taken at 8 p.m.

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.		Sea (0 to 9).	TEMP.		Weather.	Sun- shine.	Rainfall		
				At 32° and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.		Dirac.	Force (0 to 12).				Max.	Min.
		Ins.	°				Ins.	Ins.	°	°	°							Hours.	Ins.		
1 st	Corunna.	30.22	55	WNW	3	f	30.45	+0.4	54	48	+9	NE	3	o	6	59	45	-	-	0.04	
"	P. Delgada.	30.48	59	ESE	2	o	30.45	+0.1	55	52	-4	N	2	c	2	61	55	-	-	-	
2 nd	Biarritz.	30.30	49	N	6	c	30.42	+2.4	44	?	-9	E	2	?	-	53	41	-	-	0.12	
3 rd	Corunna.	30.57	54	NNE	1	c	30.65	-	41	39	-	NE	1	f	5	55	36	-	-	-	
4 th	Corunna.	30.66	54	N	1	o	30.69	+0.4	50	48	+9	NE	1	f	5	55	41	-	-	-	
5 th	Corunna.	30.69	55	NE	1	o	30.53	-16	55	53	+5	WNW	3	o	5	57	41	-	-	0.04	
6 th	Corunna.	30.45	54	WNW	3	f	30.10	-4.3	48	46	-7	NNW	6	r	6	55	43	-	-	0.08	
7 th	Corunna.	30.06	50	NNW	6	r	30.18	+0.1	50	48	+2	NNW	5	o	6	54	45	-	-	0.16	
8 th	C. Gris Nez.	29.91	46	WSW	5	r	29.61	-6.1	42	-	+7	WNW	6	bc	5	48	35	-	-	0.24	
9 th	Brussels.	-	-	-	-	-	29.67	+1.5	32	-	-7	WNW	2	o	-	39	23	-	-	0.20	
10 th	P. Delgada.	30.51	55	NNE	3	b	30.48	+0.2	55	53	0	NNE	2	c	2	63	54	-	-	-	
11 th	P. Delgada.	30.43	58	NW	1	o	30.36	-12	56	53	+1	Z	0	o	2	63	54	-	-	-	
12 th	P. Delgada.	30.46	58	NE	5	bc	30.54	+1.8	62	50	+6	NE	3	bc	2	61	54	-	-	0.08	
13 th	Biarritz.	30.24	52	W	6	o	30.24	+0.6	52	-	-1	SW	6	o	5	55	45	-	-	0.47	
"	Lyons.	30.05	39	SW	6	o	30.15	+0.1	36	33	+2	W	1	bc	-	45	34	-	-	0.04	
"	Corunna.	30.27	58	W	5	o	30.46	-	52	?	-	SSW	4	b	7	57	48	-	-	0.04	
"	P. Delgada.	30.63	56	ESE	1	b	30.63	+0.9	58	54	-4	NE	1	o	2	64	55	-	-	-	
14 th	Rochefort.	29.74	58	W	9	r	29.88	-1.1	50	47	+2	NW	7	o	-	57	45	-	-	0.98	
"	Biarritz.	30.12	58	WSW	7	o	30.07	-17	53	53	+1	WNW	6	r	8	59	48	-	-	0.28	
"	Corunna.	30.37	55	W	5	o	30.46	0.0	54	51	+2	SSW	5	o	7	57	48	-	-	0.04	
15 th	Biarritz.	30.21	51	NW	5	r	30.19	+1.2	46	46	-7	Z	0	r	5	54	45	-	-	0.79	
"	Corunna.	30.41	59	SW	5	o	30.41	-0.5	57	55	+3	WSW	6	f	8	63	52	-	-	0.08	
"	P. Delgada.	30.56	61	SSE	5	o	30.45	-19	62	55	+2	SSE	5	o	5	63	59	-	-	-	
16 th	Biarritz.	30.20	43	Z	0	r	30.31	+1.2	55	-	+9	W	6	o	2	55	41	-	-	0.98	
17 th	Corunna.	30.49	55	NW	2	f	30.45	-0.8	45	43	-9	NE	1	b	6	58	39	-	-	-	
18 th	Biarritz.	30.47	48	ESE	1	o	30.44	+0.5	45	-	-7	Z	0	bc	3	52	43	-	-	-	
"	Corunna.	30.45	54	W	1	b	30.42	-0.3	43	41	-2	ESE	1	bc	2	55	39	-	-	-	
19 th	Biarritz.	30.42	45	Z	0	m	30.43	-0.1	37	-	-8	ESE	1	b	2	48	36	-	-	-	
"	Corunna.	30.37	54	ESE	1	b	30.34	-0.8	41	39	-2	NE	1	f	3	55	36	-	-	-	
20 th	Corunna.	30.34	52	NE	1	b	30.34	0.0	39	37	-2	NE	1	f	2	55	34	-	-	-	
21 st	Corunna.	30.29	52	NE	1	b	30.30	-0.4	39	37	0	NE	1	f	2	52	43	-	-	-	
22 nd	Corunna.	30.22	52	NE	1	b	30.15	-15	43	39	+4	NE	1	o	-	54	37	-	-	-	
23 rd	Corunna.	30.35	51	NNE	2	o	30.43	+2.0	51	48	+7	NNE	3	f	5	52	44	-	-	-	
24 th	P. Delgada.	30.40	59	ESE	4	c	30.53	+3.4	60	52	0	E	4	o	4	63	57	-	-	-	
25 th	Corunna.	30.31	54	NW	3	o	30.10	?	54	50	+2	WNW	5	o	6	55	46	-	-	0.08	
26 th	Bodo.	29.25	?	E	4	c	29.29	-0.7	23	-	-5	E	4	b	2	28	21	-	-	-	
"	Christiansund.	28.78	30	ESE	2	b	29.02	+2.0	29	-	-2	E	1	b	4	32	25	-	-	-	
"	Skudesnaes.	28.70	31	N	2	c	28.88	+2.1	31	-	+2	SE	4	s	4	32	28	-	-	?	
"	Sumburgh Head.	28.89	31	N	8	c	28.99	+1.0	32	32	+1	N	6	o	7	34	30	s, c	-	0.10	
"	Stornoway.	29.35	26	N	6	o	29.46	+1.09	26	26	0	N	6	s	6	26	25	shg, o	0.0	0.26	
"	Blacksoa Point.	29.57	36	NNW	6	cghp	29.58	+3.1	35	32	-5	NNW	5	cq	4	40	32	osg, hsp	-	0.46	
"	Wick.	29.12	35	NNE	7	c	29.11	-0.3	36	35	+10	NNE	7	c	6	36	26	-	-	0.18	
"	Aberdeen.	28.90	34	N	5	s	29.13	-0.9	32	31	+6	WNW	5	bcq	3	37	25	osg, bc	3.7	0.32	
28 th	Corunna.	29.87	52	WNW	6	o	29.69	-1.4	41	39	-13	NW	6	r	5	54	32	-	-	0.08	
"	Sumburgh Head.	29.25	30	N	7	s	29.60	+1.6	30	29	-2	N	5	sp	6	34	29	sp, s	-	0.12	
"	Stornoway.	29.66	30	NNW	7	s	29.87	+4.1	26	26	0	NNW	6	o	6	30	25	o, s	0.0	0.28	
"	Blacksoa Point.	29.77	34	NNW	6	ogm	29.93	+3.5	36	35	+1	NNW	6	cghp	5	36	30	hsp, og	-	0.09	
"	Scilly.	-	-	-	-	-	29.67	+1.6	40	37	+2	NNW	7	c	4	40	34	sq	2.1	0.04	
"	Wick.	29.32	34	NNE	8	o	29.67	+5.6	32	31	-4	NE	7	ou	6	26	30	-	-	0.10	
"	Aberdeen.	29.24	34	NNW	4	s	29.57	+4.4	32	32	0	NNW	5	s	5	35	31	stl, os, l	0.0	0.76	
"	Corunna.	29.80	48	NW	6	r	29.84	+1.5	37	36	-4	ESE	3	o	6	54	28	-	-	0.20	
"	Lisbon.	29.77	46	WNW	5	bc	29.82	-0.9	41	39	-12	W	2	c	-	55	39	-	-	0.20	
29 th	P. Delgada.	30.51	57	NE	4	b	30.60	+1.5	55	48	0	NNE	4	o	3	61	55	-	-	-	
"	Sumburgh Head.	29.82	30	N	4	bc	29.72	+1.2	31	30	+1	NW	3	bc	4	35	26	o, bc	-	0.97	
"	Stornoway.	29.99	26	NNW	2	b	29.86	-0.1	25	25	-1	Z	0	o	0	28	24	bc, b	1.5	-	
"	Blacksoa Point.	30.04	34	NNW	5	cghp	29.94	+0.1	34	32	-2	S	2	cm	3	36	25	cghp, bc	-	0.24	
"	Scilly.	29.76	38	N	7	c	29.93	+2.6	38	37	-2	NNE	1	c	4	42	36	-	1.0	0.33	
"	Wick.	29.87	29	NE	3	c	29.79	+1.2	24	23	-8	NW	1	b	3	35	20	-	-	0.08	
"	Aberdeen.	29.78	33	NNW	5	s	29.85	+2.8	23	22	-9	WNW	2	b	3	33	22	osg, bc	0.0	0.57	
"	Corunna.	29.96	41	ESE	5	o	30.12	+2.6	45	41	+8	NW	5	o	6	48	37	-	-	0.16	
"	Lisbon.	29.99	41	N	5	b	30.18	+3.6	39	36	-2	NNW	5	b	5	46	36	-	-	-	
30 th	P. Delgada.	30.65	56	NE	5	o	30.67	+0.7	56	51	+1	NE	4	o	3	59	54	-	-	-	
"	Blacksoa Point.	29.72	34	ESE	3	om	29.55	-3.9	34	33	0										

