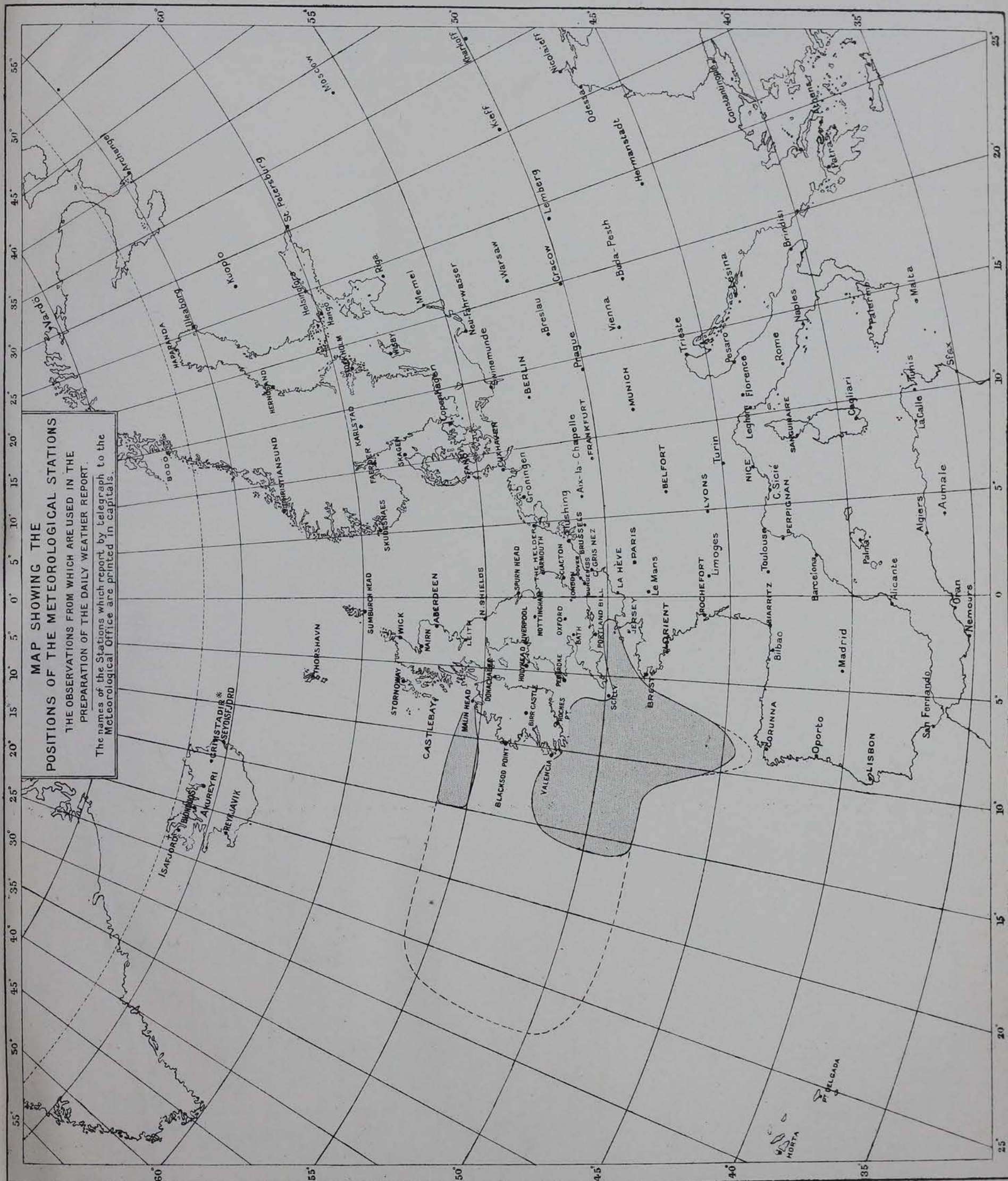


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METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE. 1909.



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

* Reports received from this Station until March 31st. † Reports received from this Station on and after April 1st.

DAILY WEATHER REPORT. APPENDIX I.

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

FIRST QUARTER, JANUARY TO MARCH.

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

JANUARY.

FEBRUARY.

MARCH.

STATIONS.	PRESSURE. 1871-1905.	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905.		BRIGHT SUNSHINE. 1881-1905.		
		Means of				Absolute Extremes.								
		8 a.m. Obser- vations (re- duced to M.S. Level, but not to Lat. 45°).	Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.		Days with Rain.	Total Fall.	Average Duration.	Per Cen- tage of Possible Duration.
							Temp.	Year.	Temp.	Year.				
	Inches.	°	°	°	°	°		°			Inches.	Hours.	%	
Sumburgh Head	29.891	39.6	38.2	42.6	35.4	52	1898	19	1881	26	3.97	—	—	
Stornoway	29.712	39.5	38.4	43.3	34.3	55	1890	11	1881	25	5.25	29.0	13	
Malin Head	29.813	40.9	39.5	44.9	37.7	(55)†	[1898]†	(23)†	[1894]†	(22)†	(3.64)†	—	—	
Blackod Point	29.854	42.7	41.3	46.6	38.9	(56)†	[1890]†	(20)†	[1891, 94]†	(26)†	(4.94)†	—	—	
Valencia	29.920	44.4	43.7	49.0	40.1	56	1876, 78	20	1894	24	5.96	50.6	20	
Roche's Point	29.940	43.2	42.0	47.6	39.4	57	1889	20	1894	20	4.95	—	—	
Birr Castle	29.919	38.7	37.7	45.3	34.1	57	1880, 98	6	1881, 94	20	2.89	50.7	21	
Donaghadee	29.878	40.2	39.2	44.6	36.1	58	1898	14	1881	20	2.68	—	—	
Liverpool (Observatory)	29.944	38.5	38.9	43.4	35.1	58	1898	9	1881	17	2.14	—	—	
Holyhead	29.925	41.8	40.3	45.3	38.4	58	1873	20	1894	19	3.09	—	—	
Pembroke (St. Ann's Hd.)	29.959	42.7	41.2	45.6	39.5	53	1899	19	1881, 94	20	3.54	53.7	21	
Seilly (St. Mary's)	29.982	46.4	44.6	49.0	42.5	57	1899	25	1894	21	3.39	59.0	23	
Jersey (St. Aubin's)	30.043	42.1	40.5	46.2	38.5	57	1877, 99	12	1891	19	3.12	67.1	25	
Portland Bill	[30.062]‡	[43.0]‡	[41.5]‡	[46.3]‡	[39.6]‡	[52]‡	[1901, 03, 05]‡	(21)‡	[1901]‡	(18)‡	(2.31)‡	—	—	
Dungeness	30.016	39.0	38.0	43.6	35.2	55	1878, 98	11	1893	17	1.85	—	—	
Wick	29.733	38.2	36.9	42.4	33.2	60	1898	— 4	1881	20	2.39	—	—	
Nairn	29.768	37.3	35.7	42.5	32.2	59	1887	5	1881, 95	17	1.90	—	—	
Aberdeen	29.809	37.2	35.4	42.2	33.2	59	1898	4	1881	18	2.18	50.2	22	
Leith	29.841	38.6	37.1	44.2	33.7	58	1898	9	1881	15	1.73	—	—	
North Shields	29.891	38.2	37.0	43.2	33.9	58	1880, 98	6	1881	15	1.60	—	—	
Spurn Head	29.934	37.8	36.8	41.9	34.6	(55)*	[1898]*	(13)*	[1881]*	14	1.30	—	—	
Yarmouth	29.979	37.6	36.6	41.5	33.6	57	1899	10	1881	17	1.82	—	—	
Clacton-on-Sea	[30.124]*	[37.1]*	[36.2]*	[43.0]*	[35.1]*	[54]*	[1901, 05]*	(25)*	[1905]*	(13)*	(0.98)*	(73.5)*	(20)*	
Nottingham	29.980	36.3	35.2	42.4	32.5	58	1877	2	1881	19	1.85	(39.4)*	(16)*	
Bath	[30.078]‡	[39.2]‡	[37.8]‡	[46.3]‡	[35.1]‡	(57)†	[1883]†	(11)†	[1881]†	16	2.58	(47.5)†	(19)†	
Oxford	30.013	37.0	35.9	43.1	33.4	56	1877, 99	—	1881	16	1.94	48.2	19	
LONDON (Westminster)	[30.281]**	[37.1]**	[35.7]**	[44.5]**	[33.2]**	(55)**	[1905]**	(23)**	[1905]**	(6)**	(1.15)**	19.1	8	
Brixton	30.017	37.7	36.5	43.9	33.8	58	1876	9	1881	16	1.82	—	—	
Sumburgh Head	29.751	38.4	36.9	42.0	34.3	51	1887, 91	17	1895	21	2.88	—	—	
Stornoway	29.763	38.9	37.9	43.8	34.1	55	1891	12	1892	21	3.89	80.1	23	
Malin Head	29.820	41.0	39.8	45.3	38.1	(59)†	[1891]†	(20)†	[1895]†	(19)†	(2.12)†	—	—	
Blackod Point	29.863	42.5	40.9	47.1	38.7	(61)†	[1891]†	(24)†	[1902]†	(21)†	(3.56)†	—	—	
Valencia	29.913	44.2	42.4	49.3	40.2	58	1891	22	1895	21	4.95	71.7	26	
Roche's Point	29.928	42.9	41.5	48.1	39.4	56	1877, 89, 96	25	1895, 1900, 02	17	4.08	—	—	
Birr Castle	29.910	38.9	37.7	46.7	34.9	59	1891	6	1895	17	2.14	65.3	24	
Donaghadee	29.885	40.1	39.1	45.8	36.4	57	1897, 1903	16	1895	17	2.25	—	—	
Liverpool (Observatory)	29.935	38.5	36.9	44.3	35.7	62	1878	12	1895	15	1.73	—	—	
Holyhead	29.918	41.2	39.8	45.3	38.2	59	1891	17	1895	16	2.42	—	—	
Pembroke (St. Ann's Hd.)	29.943	42.0	40.7	45.5	39.2	56	1903	23	1895	17	2.64	74.8	27	
Seilly (St. Mary's)	29.958	45.8	44.0	49.0	42.2	57	1896, 99	27	1895	18	2.66	86.0	31	
Jersey (St. Aubin's)	30.017	42.3	40.7	47.2	39.0	62	1891	18	1895	17	2.48	91.5	33	
Portland Bill	[29.912]‡	[40.4]‡	[39.2]‡	[44.8]‡	[37.5]‡	[54]‡	[1905]‡	(25)‡	[1900]‡	(15)‡	(2.17)‡	—	—	
Dungeness	29.983	39.0	38.0	44.4	35.6	57	1897	11	1889	15	1.82	—	—	
Wick	29.780	37.5	36.3	42.9	32.8	59	1878	2	1895	18	2.09	—	—	
Nairn	29.801	36.6	35.0	43.5	31.9	64	1891	0	1895, 97	15	1.59	—	—	
Aberdeen	29.839	36.8	35.1	43.0	33.2	64	1897	8	1895	17	2.24	71.9	28	
Leith	29.859	38.2	36.7	45.5	33.8	59	1882	12	1895	13	1.46	—	—	
North Shields	29.894	38.2	36.9	44.0	34.3	60	1898, 99	7	1895	15	1.48	—	—	
Spurn Head	29.927	38.2	37.3	42.5	35.4	(61)*	[1890]*	(20)*	[1895]*	13	1.25	—	—	
Yarmouth	29.955	37.9	36.9	42.5	34.0	58	1872, 98	15	1895	15	1.53	—	—	
Clacton-on-Sea	[29.877]*	[38.4]*	[37.2]*	[43.0]*	[34.1]*	(58)†	[1903]†	(20)†	[1901]†	(11)†	(0.93)†	(97.8)†	(36)†	
Nottingham	29.963	36.5	35.4	44.5	33.4	61	1899	2	1895	17	1.82	(50.4)*	(19)*	
Bath	[29.971]‡	[38.3]‡	[36.8]‡	[46.1]‡	[34.5]‡	(62)†	[1899]†	(16)†	[1902]†	13	2.18	(62.0)†	(23)†	
Oxford	29.989	37.3	36.2	45.1	34.3	64	1891	4	1895	14	1.70	66.4	24	
LONDON (Westminster)	[30.178]**	[41.0]**	[39.1]**	[47.5]**	[38.2]**	(64)**	[1905]**	(32)**	[1905]**	(11)**	(0.70)**	33.6	12	
Brixton	29.990	38.2	36.9	45.7	34.7	66	1899	16	1895	14	1.59	—	—	
Sumburgh Head	29.712	38.6	37.1	42.9	34.3	57	1893	18	1879	23	2.95	—	—	
Stornoway	29.742	39.2	38.2	45.1	34.3	58	1872	13	1881	23	3.91	102.9	29	
Malin Head	29.806	41.1	39.5	46.3	38.3	(62)†	[1891]†	(26)†	[1886]†	(20)†	(2.22)†	—	—	
Blackod Point	29.853	43.3	41.5	48.3	39.2	(64)†	[1894, 99]†	(26)†	[1891, 1900]†	(23)†	(3.83)†	—	—	
Valencia	29.905	44.6	42.5	50.7	40.0	66	1899	26	1899, 1901	20	4.24	126.4	35	
Roche's Point	29.909	43.4	41.6	49.6	39.5	61	1899	27	1890	15	3.07	—	—	
Birr Castle	29.895	39.9	38.5	49.6	34.9	66	1894	18	1891	17	2.39	110.9	30	
Donaghadee	29.863	40.8	39.6	47.5	36.9	65	1874	25	1892	18	2.01	—	—	
Liverpool (Observatory)	29.885	40.4	38.3	47.2	36.9	66	1871	21	1886	15	1.78	—	—	
Holyhead	29.881	42.2	40.6	47.2	38.8	67	1894	27	1881	17	2.41	—	—	
Pembroke (St. Ann's Hd.)	29.906	42.3	40.7	46.7	39.2	58	1872, 99	26	1888	17	2.28	131.3	36	
Seilly (St. Mary's)	29.924	46.1	44.1	49.8	42.3	59	1893	30	1883, 90, 91	18	2.29	111.1	39	
Jersey (St. Aubin's)	29.954	44.2	42.1	50.0	40.1	68	1871, 93, 94, 1903	21	1890	16	2.29	148.5	41	
Portland Bill	[29.875]‡	[42.3]‡	[41.0]‡	[47.5]‡	[39.1]‡	(59)†	[1900]‡	(27)‡	[1901, 04]‡	(17)‡	(2.44)‡	—	—	
Dungeness	29.917	41.0	39.6	46.9	36.8	60	1903	13	1899	14	1.38	—	—	
Wick	29.747	39.1	37.5	45.0	34.0	62	1894	10	1900	20	2.14	—	—	
Nairn	29.770	38.1	36.4	46.2	33.3	65	1884	6	1892	17	1.83	—	—	
Aberdeen														

DAILY WEATHER REPORT. APPENDIX I.

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

SECOND QUARTER, APRIL TO JUNE.

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

APRIL.	STATIONS.	PRESSURE. 1871-1905. 8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905.		BRIGHT SUNSHINE. 1881-1905.	
			Means of				Absolute Extremes.				Days with Rain.	Total Fall.	Average Duration.	Per Centage of Possible Duration.
			Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.					
							Temp.	Year.	Temp.	Year.				
		Inches.	°	°	°	°	°	°	°	°	Inches.	Hours.	%	
	Sumburgh Head.....	29'827	42'0	40'2	46'0	36'9	59	1901	21	1899	18	2'06	—	—
	Stornoway.....	29'820	43'5	42'1	49'2	37'2	67	1893	20	1881	18	2'68	159'1	37
	Malin Head.....	29'841	44'4	42'5	49'9	41'4	[67]†	[1900]†	[31]†	[1892]†	[18]†	[1'86]†	—	—
	Blacksod Point.....	29'861	46'6	44'5	51'9	42'5	[71]†	[1893]†	[29]†	[1897]†	[20]†	[2'89]†	—	—
	Valencia.....	29'881	48'3	45'7	53'9	43'0	70	1892	30	1879, 92, 97, 98	19	3'87	157'9	38
	Roche's Point.....	29'887	47'2	45'0	53'5	42'6	72	1893	30	1903	15	3'10	—	—
	Birr Castle.....	29'887	45'1	42'8	54'7	38'5	73	1893	21	1892	15	2'10	151'8	37
	Donaghadee.....	29'878	44'9	43'2	51'2	40'3	65	1900	29	1898	15	1'94	—	—
	Liverpool (Observatory).....	29'892	45'3	42'3	52'8	40'4	75	1893	29	1881	14	1'57	—	—
	Holyhead.....	29'884	46'1	44'0	51'5	41'9	75	1874, 93	31	1881, 92	15	1'96	—	—
	Pembroke (St. Ann's Hd.).....	29'885	45'7	44'0	50'6	42'3	70	1893	30	1879, 81	15	2'03	177'2	43
	Scilly (St. Mary's).....	29'889	48'9	46'8	52'6	45'0	66	1893	32	1876	16	2'12	177'6	43
	Jersey (St. Aubin's).....	29'917	49'0	46'2	54'7	43'9	84	1874	32	1871, 76, 92, 1900, 03	14	2'13	189'4	46
	Portland Bill.....	[29'933]§	[46'2]§	[44'4]§	[51'7]§	[42'3]§	[65]§	[1901, 04]§	[32]§	[1900]§	[15]§	[1'82]§	—	—
	Dungeness.....	29'895	46'6	44'3	51'7	41'2	69	1873	24	1903	13	1'38	—	—
	Wick.....	29'836	43'2	41'4	49'2	37'0	69	1875, 1900	20	1905	17	1'82	—	—
	Nairn.....	29'842	43'2	40'9	51'6	36'6	72	1875	21	1892	15	1'27	—	—
	Aberdeen.....	29'863	43'6	40'8	49'7	37'9	74	1900	23	1881, 92	17	2'09	154'9	37
	Leith.....	29'869	44'5	41'9	52'6	38'0	75	1875	23	1881	13	1'41	—	—
	North Shields.....	29'879	43'8	41'6	49'9	38'4	71	1892	24	1905	15	1'59	—	—
	Spurn Head.....	29'882	44'3	42'6	49'2	40'3	[67]*	[1885]*	[30]*	[1881, 89, 1903, 05]*	13	1'28	—	—
	Yarmouth.....	29'891	44'9	43'0	49'5	40'0	72	1885	25	1878	15	1'64	—	—
	Clacton-on-Sea.....	[29'890]¶	[46'6]¶	[44'8]¶	[51'4]¶	[40'5]¶	[60]¶	[1904]¶	[29]¶	[1903]¶	[11]¶	[1'37]¶	[194'8]¶	[47]¶
	Nottingham.....	29'906	44'1	41'8	54'6	38'2	79	1876	23	1888	16	1'67	[136'0]¶	[33]¶
	Bath.....	[29'900]||	[45'7]||	[42'8]||	[54'7]||	[39'5]||	[78]†	[1874]†	[27]†	[1900, 02, 03]†	13	2'11	[146'3]§	[36]§
	Oxford.....	29'915	44'6	42'3	55'2	38'9	80	1893	23	1892	14	1'62	150'9	37
	LONDON { Westminster.....	[29'861]**	[45'9]**	[43'2]**	[54'0]**	[41'8]**	[63]**	[1905]**	[33]**	[1905]**	[19]**	[1'55]**	113'6	28
	LONDON { Brixton.....	29'910	46'3	43'3	56'5	39'9	82	1893	27	1873, 84, 87, 92, 1900	13	1'65	—	—
MAY.	Sumburgh Head.....	29'901	45'9	43'9	50'1	40'3	63	1895	27	1877	17	1'85	—	—
	Stornoway.....	29'911	48'2	46'2	53'6	40'9	74	1904	27	1876, 77	18	2'45	192'6	38
	Malin Head.....	29'932	48'9	46'6	54'1	45'3	[70]†	[1895]†	[35]†	[1886, 91, 97, 1904]†	[17]†	[2'08]†	—	—
	Blacksod Point.....	29'959	51'2	48'4	55'8	46'1	[75]†	[1890]†	[36]†	[1894]†	[18]†	[2'69]†	—	—
	Valencia.....	29'982	52'8	49'6	58'1	46'2	74	1884, 95, 97	34	1877, 85, 96	16	2'96	212'6	44
	Roche's Point.....	29'982	52'0	49'2	58'4	46'4	73	1896	36	1879, 96	14	2'52	—	—
	Birr Castle.....	29'978	50'9	47'9	59'8	42'7	77	1881, 95	28	1874, 77	15	2'19	187'5	39
	Donaghadee.....	29'967	49'7	47'5	56'0	44'4	70	1896	30	1873	15	2'21	—	—
	Liverpool (Observatory).....	29'978	50'8	46'9	58'0	45'0	80	1895	30	1883	14	1'86	—	—
	Holyhead.....	29'975	50'7	48'2	56'0	45'9	74	1895	37	1894, 1903	13	1'82	—	—
	Pembroke (St. Ann's Hd.).....	29'978	50'2	48'1	55'2	46'1	72	1890	34	1879	13	1'83	222'9	46
	Scilly (St. Mary's).....	29'985	52'7	50'3	56'6	48'3	67	1896	38	1883	13	1'61	237'9	50
	Jersey (St. Aubin's).....	30'002	53'8	50'4	59'8	47'5	79	1875	33	1871	12	1'91	249'8	53
	Portland Bill.....	[30'015]§	[50'7]§	[48'7]§	[56'7]§	[45'8]§	[70]§	[1903]§	[36]§	[1900, 02]§	[12]§	[1'51]§	—	—
	Dungeness.....	29'977	52'3	49'4	57'3	46'1	76	1892	30	1892, 1902	12	1'23	—	—
	Wick.....	29'922	48'0	45'7	53'8	40'7	71	1891	24	1876	17	1'87	—	—
	Nairn.....	29'928	48'7	45'8	56'6	41'3	78	1888	26	1894	15	1'67	—	—
	Aberdeen.....	29'942	48'9	45'3	54'7	41'8	75	1902	29	1884, 91	16	2'14	189'3	37
	Leith.....	29'950	50'2	46'7	57'8	42'4	81	1881	27	1883	14	1'67	—	—
	North Shields.....	29'959	48'9	46'0	54'5	42'6	72	1896, 1905	29	1871, 91	14	1'71	—	—
	Spurn Head.....	29'965	49'4	47'3	54'5	45'0	[75]*	[1883]*	[34]*	[1891]*	13	1'58	—	—
	Yarmouth.....	29'969	50'5	47'9	55'2	44'8	76	1875	32	1891, 92	14	1'78	—	—
	Clacton-on-Sea.....	[30'034]¶	[52'3]¶	[49'3]¶	[56'3]¶	[44'9]¶	[72]¶	[1903]¶	[31]¶	[1902]¶	[11]¶	[1'68]¶	[236'7]¶	[49]¶
	Nottingham.....	29'987	50'6	47'3	60'4	42'5	82	1895	25	1879	15	1'92	[180'9]¶	[33]¶
	Bath.....	[30'019]||	[51'4]||	[47'8]||	[60'8]||	[43'4]||	[79]†	[1884]†	[29]†	[1902]†	13	2'03	[202'2]§	[42]§
	Oxford.....	29'996	50'6	47'4	60'9	43'5	83	1895	28	1877	13	1'82	195'2	41
	LONDON { Westminster.....	[30'116]**	[52'6]**	[47'5]**	[63'0]**	[45'2]**	[79]**	[1905]**	[37]**	[1905]**	[9]**	[1'10]**	167'1	35
	LONDON { Brixton.....	29'992	52'5	48'4	62'6	44'6	86	1880	29	1877, 86, 92	12	1'69	—	—
JUNE.	Sumburgh Head.....	29'911	50'3	48'6	54'3	45'1	70	1891	33	1888	14	1'85	—	—
	Stornoway.....	29'907	53'3	51'2	58'6	46'1	76	1893, 1902, 05	31	1888	16	2'44	185'3	35
	Malin Head.....	29'937	53'8	51'5	59'0	50'5	[78]†	[1905]†	[40]†	[1902]†	[15]†	[2'09]†	—	—
	Blacksod Point.....	29'957	56'3	53'3	60'8	51'3	[82]†	[1887]†	[40]†	[1894]†	[16]†	[2'63]†	—	—
	Valencia.....	29'984	57'4	54'4	62'5	51'2	81	1887, 1902	38	1903	17	3'59	192'9	40
	Roche's Point.....	29'987	57'1	54'0	63'7	51'5	80	1876, 87	41	1881	13	3'20	—	—
	Birr Castle.....	29'983	56'3	53'1	65'0	48'7	85	1887	32	1881	15	2'47	168'7	34
	Donaghadee.....	29'967	54'9	52'7	61'3	49'5	77	1887	36	1880	15	2'28	—	—
	Liverpool (Observatory).....	29'981	57'0	52'8	64'0	51'1	85	1878, 93	38	1872	13	2'17	—	—
	Holyhead.....	29'980	56'1	53'6	61'6	51'2	83	1878	42	1882	14	2'19	—	—
	Pembroke (St. Ann's Hd.).....	29'986	55'5	53'5	60'5	51'7	79	1893	38	1888	13	2'06	225'7	46
	Scilly (St. Mary's).....	29'997	57'5	55'2	61'7	53'3	75	1893	41	1888	14	1'87	244'1	51
	Jersey (St. Aubin's).....	30'021	59'0	55'8	65'0	53'0	87	1872	39	1890	12	2'06	241'7	50
	Portland Bill.....	[30'004]§	[55'3]§	[53'5]§	[60'8]§	[51'0]§	[78]§	[1903]§	[43]§	[1903]§	[12]§	[1'74]§	—	—
	Dungeness.....	29'989	58'2	55'2	63'1	52'2	77	1878	37	1890, 91, 92, 93	11	1'53	—	—
	Wick.....	29'927	53'1	50'7	58'8	45'6	79	1878	30	1881, 1903	14	1'81	—	—
	Nairn.....	29'928	54'5	51'2	62'4	47'0	86	1876	30	1888, 1903	14	1'86	—	—
	Aberdeen.....	29'945	54'6	50'7	60'6	47'2	80	1881, 87						

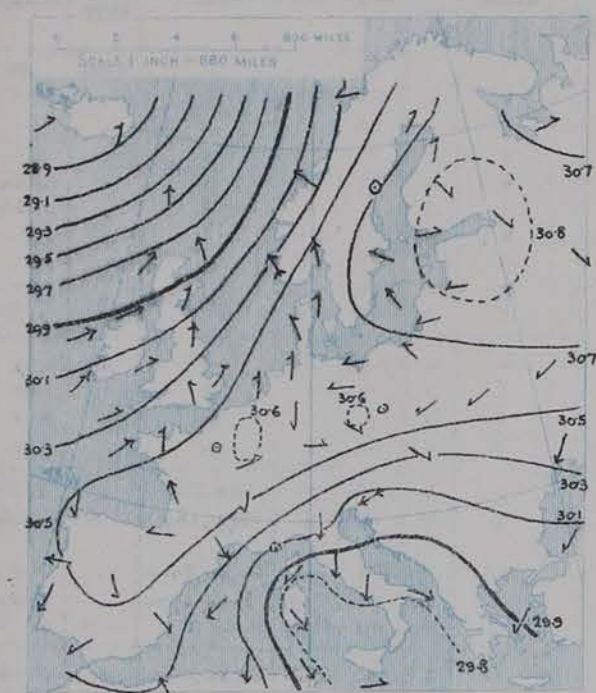
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
1st January, 1909.

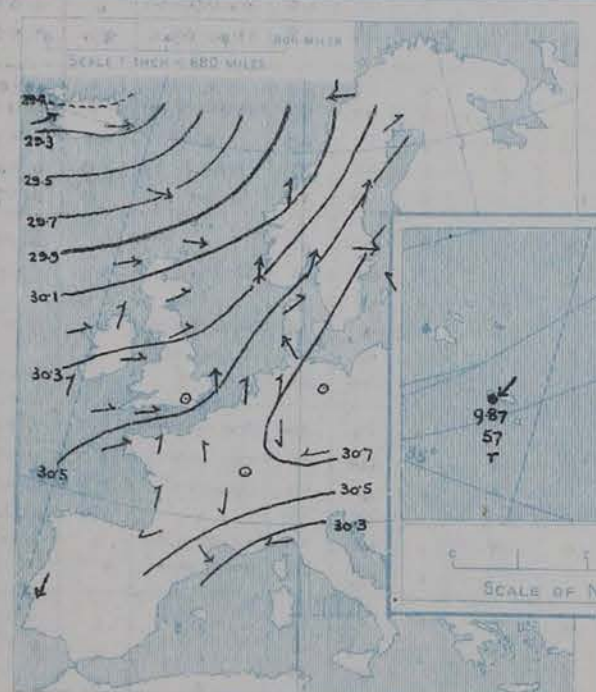
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temperature.			Wind.	Force	Weather.	Sea	Temp.		Weather.	Sun-shine.	Rainfall.		
								At 32° Fahr. and M.S.L.	Dry Bulb.	Wet Bulb.					Change since Yesterday.	Max.				Min.	
		Ins.	"	Dir.	(0 to 12).		Ins.	Ins.	"	"	"	Dir.	(0 to 12).		"	"	"	Hours.	Ins.		
SCANDINAVIA.	Haparanda...	30.41	25	SW	2	0	30.22	-47	25	25	+5	WSW	2	0	*	25	10	*	*	-	
	Hernösand ...	30.52	23	SSW	6	0	30.34	-36	22	21	-2	SSW	2	0	*	24	12	*	*	-	
	Stockholm ...	30.72	22	W	4	0	30.61	-14	23	22	-1	S	4	0	*	25	21	*	*	-	
	Wisby...	30.74	23	SE	2	0	30.64	-08	25	24	+5	SSW	4	S	*	25	18	*	*	0.04	
	Karlstad ...	30.66	24	SW	4	0	30.57	-15	27	26	+3	SW	4	0	*	*	*	0.5	*	0.04	
	Færder (X'ianla Fjord)	30.52	28	SSW	5	S	30.53	-13	33	32	+8	W	2	0	0	33	25	*	*	-	
	Bodö ...	30.12	22	E	4	6	30.02	-37	26	23	+7	E	6	S	2	26	18	*	*	-	
	Christiansund ...	30.02	39	S	1	C	30.22	-00	42	39	+10	WSW	4	C	4	42	32	*	*	-	
	Skudesnaes ...	30.29	35	S	9	T	30.43	+09	39	39	+8	SW	2	C	5	39	23	S.T	*	0.63	
ICELAND & FAEROE.	Reykjavik ...	29.26	37	SW	7	C	29.44	+62	31	*	-7	2	0	C	*	*	*	*	*	*	
	Blönduos ...	29.18	36	SW	4	0	29.48	+67	33	*	-4	SW	1	C	*	*	*	*	*	*	
	Seydisfjord...	29.24	41	WSW	7	6	29.61	+75	38	*	-4	2	0	6	*	*	*	*	*	*	
	Thorshavn ...	29.70	41	W	5	C	29.90	+58	42	*	-1	S	3	T	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.97	44	W	4	C	30.23	+47	44	43	+1	S	2	0	4	45	38	b.c.c. 6	*	0.23	
	Stornoway ...	30.09	42	WSW	4	6	30.12	+35	50	49	+8	SSW	7	0	6	50	38	b.c.p. rhp	1.5	0.09	
	Castlebay (Barra Id.)	30.16	48	W	3	b.c.	30														
	Malin Head ...	30.20	45	S	2	b.c.m.	30.27	+34	49	49	+3	S	4	cm	3	50	43	b.c.m. b.c.m.	*	0.02	
	Blackod Pt. ...	30.19	50	WSW	3	cp	30.30	+28	51	49	+1	SW	5	om	4	51	42	b.c.m. opm	*	0.07	
	Valencia ...	30.32	51	S	3	0	30.42	+31	50	48	-3	S	3	bc	4	51	49	og. o	0.0	0.10	
	Roche's Point ...	30.37	51	WSW	3	odpm	30.50	+33	49	49	-2	S	1	bc	2	53	49	odm. c. bc	*	0.04	
	Birr Castle ...	30.29	52	S	2	0	30.44	+32	49	47	0	S	2	C	*	53	46	op. o	0.0	0.05	
	Donaghadee ...	30.23	46	WSW	2	0	30.47	+38	48	48	0	WSW	2	0	2	48	43	o. c	*	0.01	
	Liverpool Obsy...	30.35	43	ESE	2	0	30.52	+33	48	46	+12	SSW	2	0	1	48	35	om. bc	0.0	0.02	
	Holyhead ...	30.32	50	WSW	2	cm	30.51	+35	50	50	0	WSW	3	om	2	51	40	omdp. cm	*	0.02	
	Pembroke	30.38	51	SW	4	C	30.54	+32	50	48	-1	SSW	4	op	4	52	48	dpm. op. c	0.4	0.03	
	(St. Ann's Hd.)																				
	Scilly (St. Mary's) ...	30.45	52	WSW	2	C	30.58	+30	51	50	+1	WSW	2	0	4	55	50	C	3.4	0.20	
	Jersey (St. Aubins) ...	30.54	48	S	2	rf	30.66	+21	47	46	+4	NE	2	f	2	49	42	orm. rf. op	0.0	0.41	
	Portland Bill ...	30.47	51	WSW	3	C	30.61	+27	49	49	-1	W	2	6	3	51	47	C	0.1	0.07	
	Dungeness ...	30.46	43	SSW	4	0	30.59	+17	43	42	+5	WNW	2	f	2	48	36	C. cdp. f	0.0	0.09	
	Dover ...	30.51	40	SW	3	T	30.62	+13	42	42	+8	SW	1	0	3	46	34	o. od. o	0.0	0.17	
	Wick ...	30.08	42	SW	2	bc	30.20	+38	44	43	+2	SW	3	C	3	44	40	-	*	0.10	
	Nairn ...	30.15	42	WSW	2	6	30.25	+42	43	41	0	Z	0	C	1	45	33	b. bcp. bc	0.7	0.04	
	Aberdeen ...	30.21	36	SW	1	6	30.34	+35	40	39	-1	SSE	1	bc	3	41	34	C. bc	0.0	-	
	Leith ...	30.20	41	SW	3	6	30.36	+36	48	47	+6	WSW	1	C	*	49	38	bcp. b.c. og	*	0.01	
	North Shields ...	30.29	38	SW	2	od	30.45	+31	40	40	+9	SW	2	C	2	41	30	o. od. p	*	-	
	Spurn Head ...	30.37	37	S	3	f	30.51	+17	40	40	+7	WSW	3	f	3	40	33	om. f	*	0.04	
	Yarmouth ...	30.44	37	SSE	4	odpm	30.55	+11	39	38	+5	SSW	1	f	3	39	33	om. odpm	0.0	0.05	
	Clifton-on-Sea ...	30.48	39	S	2	0	30.56	+11	39	38	+4	W	2	f	2	40	35	om. orm. f	0.0	0.07	
	Notingham ...	30.38	39	SW	1	om	30.56	+24	39	39	+5	W	1	f	*	41	34	o. om. f	0.0	0.02	
	Bath ...	30.45	39	SW	1	f	30.61	+27	39	39	0	NW	1	me	*	40	36	-	0.0	0.21	
Oxford ...	30.40	44	SSW	2	0	30.64	+25	44	44	+9	Z	0	of	*	46	34	or. od. c. o. f	*	0.05		
London (St. James's Pk)	30.46	42	Z	0	om	30.60	+18	41	41	+8	Z	0	fe	*	43	39	orm. om. f	0.0	0.10		
GERMANY, & C.	The Saw (Skagen)	30.59	30	SW	3	0	30.54	-10	26	26	+1	SW	4	S	1	30	23	*	*	0.20	
	Fanö ...	30.60	21	SE	4	bc	30.60	+02	23	22	+1	SSE	4	0	*	27	18	*	*	0.08	
	Cuxhaven†...	30.67	15	S	2	6	30.65	+09	18	83	+2	S	2	0	*	21	12	*	*	-	
	The Hider ...	30.58	20	S	4	C	30.59	+01	30	30	+20	S	2	m	*	34	10	*	*	-	
	Brussel: ...	*	*	*	*	*	30.67	+07	28	28	+20	SSW	1	0	*	28	8	*	*	-	
	Berlin†. ...	30.75	13	Z	0	0	30.78	+22	8	88	-4	SE	1	C	*	14	9	*	*	-	
	Frankfurt† ...	30.73	13	N	1	f	30.81	+23	10	75	-2	S	2	f	*	16	3	*	*	-	
Munich† ...	30.76	12	E	2	6	30.91	+33	3	85	-11	SE	2	f	*	18	3	*	*	0.04		
FRANCE.	C. Gris Nz ...	30.48	34	S	4	0	30.59	+16	39	?	+14	SSW	3	f	2	?	?	*	*	0.12	
	La Hève ...	30.58	36	SSE	3	f	30.69	+19	43	43	+16	SSE	2	f	2	41	27	*	*	0.16	
	Brest ...	30.56	52	WSW	3	0	30.69	+25	48	47	-4	SE	2	m	5	54	46	*	*	-	
	Lorient ...	30.53	52	W	2	C	30.64	+19	48	48	-2	SSE	2	0	*	55	46	*	*	-	
	Rochefort ...																	*	*	-	
	Biarritz ...	30.62	44	ENE	3	6	30.66	+12	34	32	-5	ENE	3	6	5	50	32	*	*	-	
	Paris ...	30.64	22	SSE	2	bc	30.71	+13	27	27	+20	S	2	0	*	27	27	*	*	-	
	Belfort...	30.69	13	Z	0	m	30.81	+21	6	6	0	ENE	4	m	*	21	5	*	*	-	
	Lyons ...	30.68	18	N	1	6	30.80	+21	7	7	-7	N	1	6	*	23	7	*	*	-	
Nice ...	30.21	40	E	2	6	30.34	+23	38	31	+3	Z	0	6	2	48	35	*	*	-		
Perpignan ...	30.43	43	NW	5	6	30.46	+12	46	37	+9	NW	4	6	*	48	37	*	*	-		
Sanguinaire ..																	*	*	-		
SPANISH PENIN.	Corunna ...	30.48	54	N	1	6	30.54	+20	45	41	+4	ESE	1	6	6	55	37	*	*	-	
	Lisbon ...	30.38	51	NNE	5	6	30.41	00	47	43	+3	N	4	6	*	57	44	*	*	-	
	Azores (P. Delgada) ..																	*	*	-	
„ Horta ..	29.87	55	ESE	1	T	29.87	-04	57	56	-5	NE	3	T	3	64	54	*	*	0.83		

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

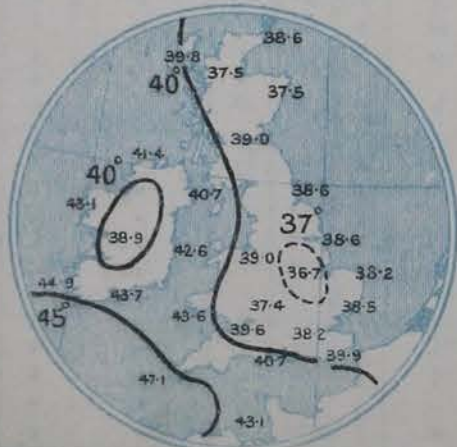
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



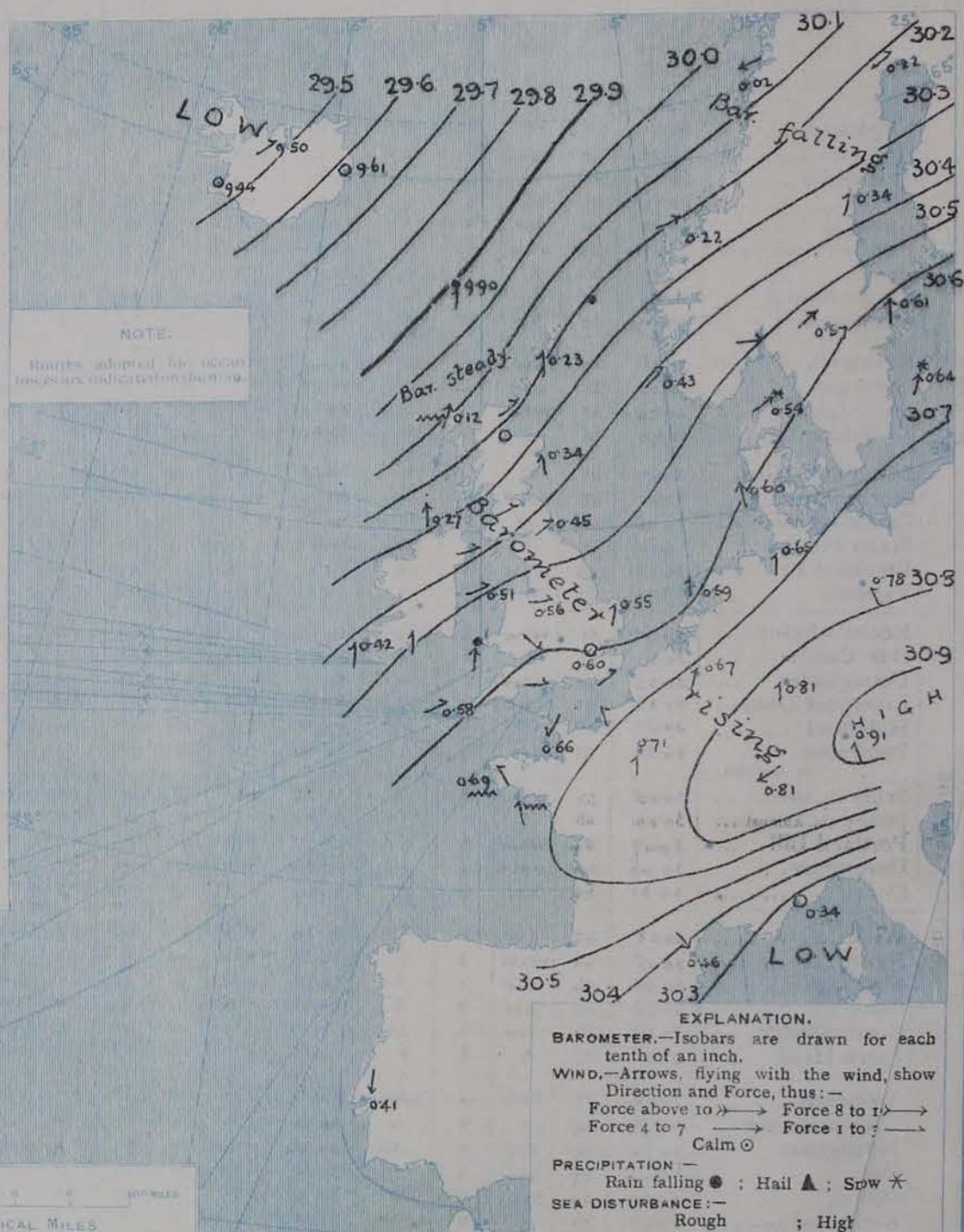
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Friday.

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

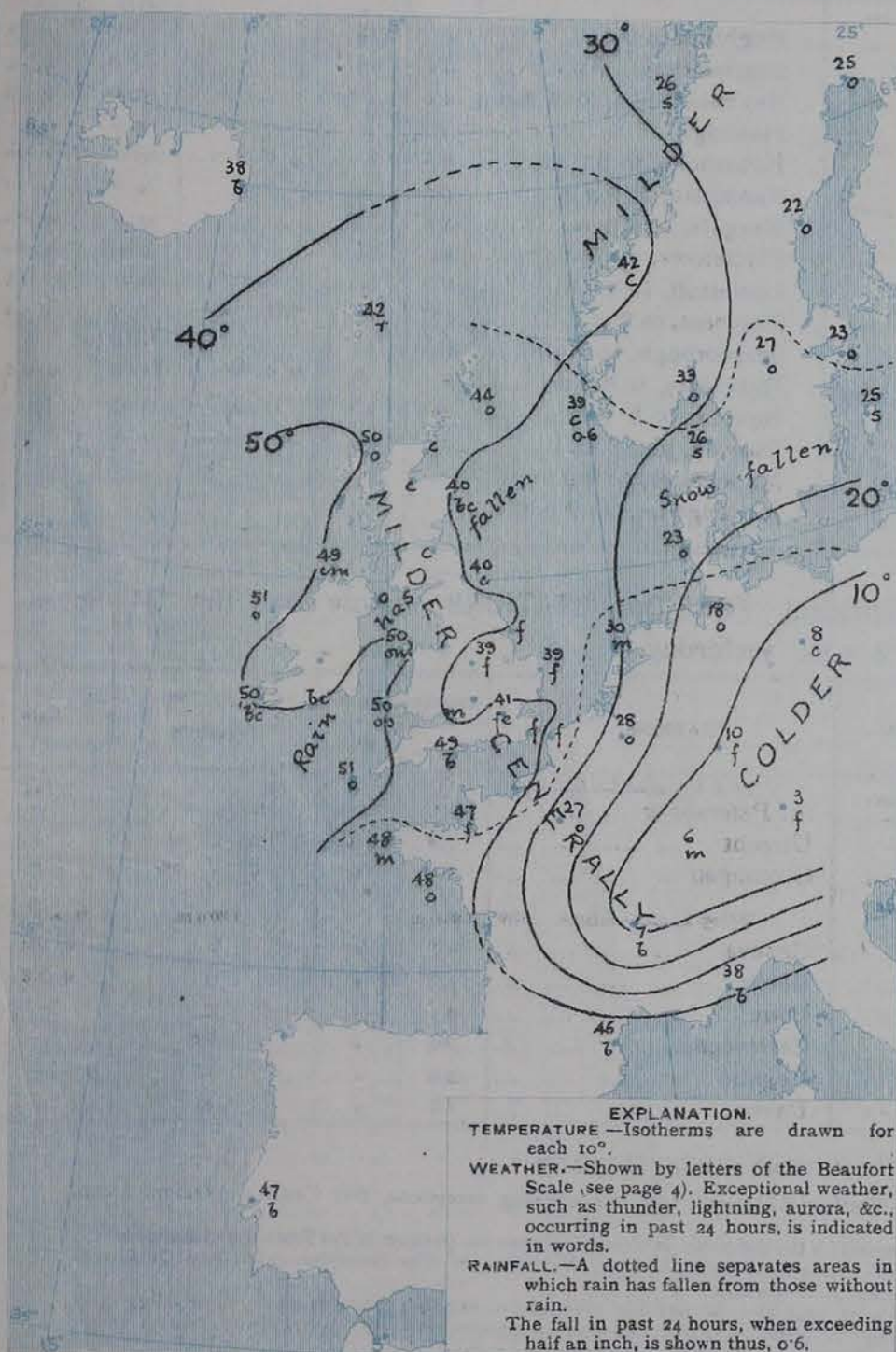
The central portion of a large anticyclone now lies over Austria and South Germany, the highest barometer reading reported being 30.91 ins. at Munich. To the North-Westward pressure decreases to below 29.5 ins. in Iceland, and to the Westward to below 29.9 ins. in the Azores. The mercury is still rising over the greater part of these Islands and the nearer regions of the Continent.

A light to moderate current of wind between South and West prevails over the United Kingdom, the North Sea, and most of Scandinavia, but in the North a high wind is reported. Over Germany and France the wind is very light and not variable in direction. Temperature has risen in Great Britain, Norway, and the north-east of France, fallen in Germany, changed little elsewhere. Over this country it ranges from about 50° at several western and south-western stations to 39° at Bath and Plymouth. Much cloud prevails over our area generally, and in many parts of this country, on the north coast of France and in Germany the weather is foggy. Snow is falling at Lagen, Wisby, and Rode and rain at Thorshavn, while passing showers are reported at Ryebeke. In the south of France the sky is clear.

CHARTS

1st January, 1909.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to above 40° in nearly all parts of the Kingdom, to 45° in many places, and to about 50° in the west and south-west. Rain has fallen at most of our stations, but the measurements are generally slight. Over the United Kingdom as a whole the day was sunless, but at Torquay and also at Stornoway the sun shone for between one and two hours, and at Lillies for more than three hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

There are no indications of any important change in the general distribution of pressure. Light or moderate breezes between S. and W., with mild weather are consequently still to be expected.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 6-11—see map at foot.

- | | | |
|----|---|--|
| 0 | a | S. and S.W. winds, fresh or strong at times; dull, some rain; mild |
| 1 | b | |
| 2 | a | S. and S.W. winds, light or moderate; fair generally, some mist; rather mild |
| 3 | b | |
| 4 | a | Light winds between S. and W.; mild or moderate temperature; damp. much mist or fog, fair in places. |
| 5 | b | |
| 6 | a | Same as No. 1. |
| 7 | b | |
| 8 | a | Same as Nos. 2 to 5. |
| 9 | b | |
| 10 | a | S. and S.W. winds, generally light or moderate; cloudy, some mist; mild or moderate temperature. |
| | b | |

II WESTERN CHANNEL AND BAY.

Light or moderate S.W. or W. winds in Channel, S. or S.E. on Bay; sea slight; mist or fog in places, fair intervals.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

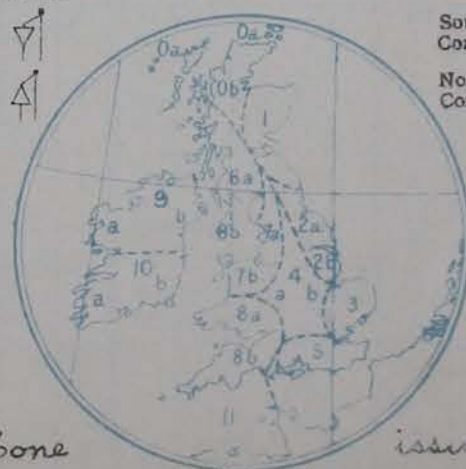
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

issued

DAILY WEATHER REPORT.

Friday, 1st January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m. ...	54	47	c. o	*	-	Brighton, to 6 p.m. ...	45	19	*	0.0	0.12
Rossall Beach, to 6 p.m. ...	40	28	st. o.d	*	0.07	Eastbourne, to 6 p.m. ...	46	17	*	0.0	0.12
Blackpool, to 9 p.m. ...	39	29	r. c. o	0.2	0.17	Bexhill-on-Sea, to 9 p.m. ...	42	22	-	0.0	0.12
Southport, to 9 p.m. ...	41	28	f. o. r	0.0	0.21	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	53	42	*	0.8	-	Folkestone, to 6 p.m. ...	42	21	o. d. v. c. o	0.0	0.06
Colwyn Bay, to 6 p.m. ...	53	33	b. o	2.5	0.02	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.11
Llandudno, to 9 p.m. ...	52	37	c. op. o	0.2	0.02	Margate, to 6 p.m. ...	37	25	o	0.0	0.02
Bettws-y-Coed, to 6 p.m. ...	50	35	c. b. c. c	0.3	*	Felixstowe, to 6 p.m. ...	39	36	*	0.0	0.04
Towyn, to 6 p.m. ...	*	*	*	*	*	Lowestoft, to 6 p.m. ...	40	30	c. or	0.0	0.02
Aberystwyth, to 6 p.m. ...	51	45	*	0.0	-	Skegness, to 6 p.m. ...	37	32	st. m	0.0	0.01
Plymouth, to 9 p.m. ...	*	*	*	*	*	Scarborough, to 9 p.m. ...	38	25	o	0.0	-
Torquay, to 6 p.m. ...	54	30	*	1.9	0.23	Harrogate, to 6 p.m. ...	41	19	o. c. dm. o	0.0	0.09
Weymouth, to 6 p.m. ...	53	23	m. o. bc	0.1	0.19	Buxton, to 6 p.m. ...	41	23	o. of	0.0	-
Bournemouth to 6 p.m. ...	49	21	o. f	0.0	0.16	Darwen, to 9 p.m. ...	42	24	orm. odm	0.0	0.37
Southsea, to 6 p.m. ...	44	20	*	0.0	0.07	Manchester, to 9 p.m. ...	*	*	*	*	*
Worthing, to 6 p.m. ...	45	17	o. r. f	0.0	0.12	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. 31st December 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.	STATIONS. 31st December, 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	62	50	bc. o	-	St. Petersburg ...	21	16	S. o	Ins.
Marseilles ...	39	25	b. b	-	Utrecht ...	16	3	b. bc	-
Malta ...	58	49	r	0.24	Groningen ...	19	9	b. bc	-
Algiers ...	61	46	c. o	0.08	30th December, 1908. 1.30 p.m.				Measured 7.30 a.m. 0.32
Tunis ...	66	43	c. o	-	Geneva ...	27	*	o	0.28
Palermo ...	*	*	*	*	Berne ...	23	*	o	-
Naples ...	45	42	o. c	-	Coire ...	21	*	S	-
Brindisi ...	53	36	c. o	-	Castasegna ...	39	*	bc	-
Florence ...	38	36	c. b	-	Lugano ...	36	*	o	-
Rome ...	44	39	o. b	-	Davos ...	18	*	o	0.04
Vienna ...	18	14	o. o	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

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

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

1st & 2nd Jan 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	8.6	11.57	3.48
Greenwich ...	...	8.6	11.57	3.48
Wick ...	...	8.8	12.4	4.0
Valencia ...	...	8.8	12.4	4.0
		9.5	12.16	3.27
		9.5	12.16	3.28
		8.51	12.45	4.38
		8.52	12.45	4.39

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

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

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday.
2nd January, 1909.

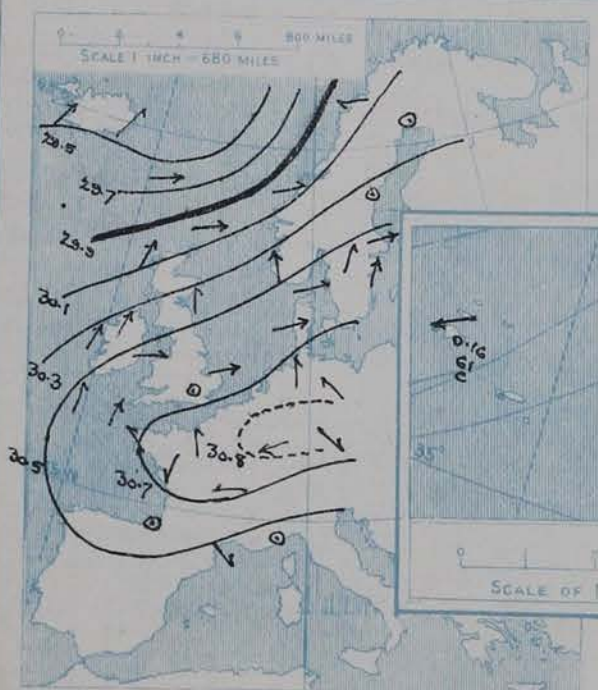
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.		
				At 32° Fahr. and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dir.	Force (0 to 12).				Max.	Min.
		Ins.					Ins.	Ins.										Hours.	Ins.		
SCANDINAVIA.	Haparanda...	30.20	13	2	0	b	29.83	-39	30	30	+5	SSW	4	5	*	30	14	*	0.04		
	Hernösand ...	30.33	15	2	0	b	29.91	-43	32	31	+10	S	2	c	*	32	16	*	-		
	Stockholm ...	30.56	27	WSW	4	o	30.32	-29	31	30	+8	SW	6	o	*	31	21	*	-		
	Wisby...	30.66	27	SW	4	o	30.51	-13	31	29	+6	SW	4	o	*	31	19	*	0.08		
	Karlstad ...	30.58	31	SW	2	o	30.32	-25	35	34	+8	SW	6	r	*	*	*	*	-		
	Færder (X'ania Fjord)	30.51	36	S	4	f	30.25	-28	41	41	+8	WSW	6	f	4	34	32	*	-		
	Bodö ...	30.03	35	E	2	o	29.36	-66	42	41	+16	SSW	7	o	5	42	25	*	-		
ICELAND & FAEROE.	Christiansund ...	30.07	43	WSW	3	o	30.01	-21	42	40	0	WSW	6	o	5	43	41	*	0.39		
	Skudesnaes ...	30.38	41	SSE	6	r	30.23	-20	45	44	+6	W	4	o	4	45	37	o.r	0.16		
	Reykjavik ...	29.49	29	SW	4	S	29.41	-03	36	*	+5	S	4	r	*	*	*	*	*		
	Blönduós ...	29.49	29	SW	2	c	29.53	+05	35	*	+2	S	4	c	*	*	*	*	*		
BRITISH ISLANDS.	Seydisfjord...	29.46	37	SW	3	o	29.72	+11	38	*	0	SW	4	b	*	*	*	*	*		
	Thorshavn ...	29.55	51	WSW	8	o	30.10	+20	40	*	-2	W	4	r	*	*	*	*	*		
	Sumburgh Head	30.07	48	WSW	4	o	30.24	+01	44	43	0	W	2	b	3	48	43	o.r	0.07		
	Stornoway ...	30.07	50	SSW	7	r	30.32	+20	37	37	-13	2	0	bc	0	51	35	o.d.p.c	0.23		
	Castlebay (Barra Id.)	30.18	50	SW	5	o	30.34	+14	51	51	0	SW	3	o	4	52	49	o.or.od	0.12		
	Malin Head ...	30.28	48	SSW	4	opm	30.37	+10	48	48	-1	S	4	op	2	50	46	o.cm.ogp	0.05		
	Blacksod Pt. ...	30.33	52	SSW	5	o	30.41	+11	52	51	+1	SW	4	r	3	52	50	omg.odm	0.11		
	Valencia ...	30.48	51	S	3	c	30.53	+11	52	49	+2	S	3	o	4	53	49	c.b.c.o	0.05		
	Roche's Point ...	30.54	51	SSW	4	o	30.59	+09	50	50	+1	SW	1	o	3	51	49	b.c.p.c.o	0.03		
	Birr Castle ...	30.47	49	S	2	r	30.53	+09	47	46	-2	S	2	o	*	51	43	o.r	0.01		
GERMANY, & C.	Donaghadee ...	30.44	48	SSW	3	c	30.49	+12	48	46	0	S	3	c	2	50	46	b.c.c	-		
	Liverpool Obsy...	30.59	47	S	3	o	30.59	+07	47	45	-1	SSW	2	o	1	49	45	om.o	-		
	Holyhead ...	30.54	49	WSW	3	cp	30.57	+06	50	48	0	WSW	3	bc	2	51	47	*	0.02		
	Pembroke (St. Ann's Hd.)	30.59	50	SSW	4	c	30.61	+07	50	49	0	SSW	4	og	4	51	47	o.b.c.p.c.p	0.01		
	Scilly (St. Mary's) ...	30.62	51	SW	4	o	30.66	+08	51	50	0	SSW	3	o	3	53	50	o	0.3		
	Jersey (St. Aubins) ...	30.72	47	SE	1	m	30.73	+07	49	47	+2	W	4	o	3	51	42	f.od.og	0.12		
	Portland Bill ...	30.63	51	SW	2	c	30.69	+08	50	49	+1	SW	2	o	3	51	47	c	0.01		
	Dungeness ...	30.67	46	W	2	o	30.65	+06	45	44	+2	WNNW	3	r	3	47	37	cp	0.04		
	Dover ...	30.68	45	WNNW	1	o	30.70	+08	46	44	+4	WSW	1	o	0	48	39	o	-		
	Wick ...	30.11	43	SW	3	c	30.30	+10	37	36	-7	SW	1	b	2	45	35	-	-		
FRANCE.	Nairn ...	30.22	49	WSW	3	bc	30.34	+09	45	45	+2	2	0	r	1	51	40	b.c.b.gp	0.06		
	Aberdeen ...	30.29	41	SSE	1	o	30.37	+03	44	43	+4	SW	3	bc	2	47	40	o.c	-		
	Leith ...	30.37	50	SW	4	c	30.44	+08	49	47	+1	WSW	3	c	*	52	48	c.b.c.o, cp	0.01		
	North Shields ...	30.47	46	SSW	2	o	30.47	+02	47	46	+7	WSW	3	o	2	48	38	c.o	-		
	Spurn Head ...	30.58	44	SW	3	f	30.56	+05	43	42	+3	WSW	4	c	2	44	39	cm.f.cm	-		
	Yarmouth ...	30.64	43	WSW	2	f	30.66	+11	43	41	+4	SSW	2	cm	2	43	37	f	0.0		
	Clacton-on-Sea ...	30.68	42	W	1	f	30.69	+13	42	41	+3	2	0	m	0	43	37	of.m	0.0		
	Nottingham ...	30.62	45	WSW	2	of	30.63	+07	44	43	+5	SW	1	*	*	46	38	f.of.op	0.01		
	Bath ...	30.68	49	SW	1	o	30.68	+07	43	43	+4	W	1	o	*	51	38	-	-		
	Oxford ...	30.70	46	SSW	2	o	30.70	+06	47	45	+3	SW	2	o	*	49	44	f.c.o	-		
SPANISH PENIN.	London (St. James's Pk)	30.67	46	2	0	oe	30.67	+07	44	44	+3	WSW	1	oge	*	47	40	om, oe	0.01		
	The Scaw (Skagen)	30.59	31	WSW	3	f	30.38	-16	35	34	+9	SW	4	o	r	36	25	*	-		
	Fanö ...	30.67	29	WSW	4	bc	30.54	-06	32	31	+9	SW	4	f	*	32	21	*	-		
	Cuxhaven†...	30.71	25	S	1	f	30.62	-03	31	73	+13	S	2	m	*	32	218	*	-		
GERMANY, & C.	The Helder ...	30.67	36	SSW	2	f	30.63	+04	41	41	+11	SW	2	o	1	41	30	*	-		
	Brussels ...	*	*	*	*	*	30.73	+06	33	33	+5	2	o	f	*	34	27	*	0.32		
	Berlin†...	30.78	18	SE	1	o	30.77	-01	11	89	+3	2	o	o	*	18	8	*	-		
	Frankfurt†...	*	*	*	*	*	30.80	-11	21	95	+18	2	o	o	*	*	*	*	-		
FRANCE.	Munich† ...	30.88	8	NW	2	b	30.80	-11	21	95	+18	2	o	o	*	21	3	*	-		
	C. Gris Nez ...	30.68	41	SW	2	f	30.68	+09	41	41	+2	S	1	f	2	43	39	*	-		
	La Hève ...	30.73	42	SSE	1	f	30.78	+09	43	43	0	S	2	f	2	45	41	*	0.20		
	Brest ...	30.68	50	SE	2	b	30.76	+07	51	50	+3	SE	4	o	5	52	46	*	-		
SPANISH PENIN.	Lorient ...	30.68	47	SSE	2	m	30.73	+09	44	43	-4	SE	2	o	2	54	43	*	-		
	Rochefort ...	30.71	42	NE	3	o	30.73	+03	38	38	+1	E	3	o	*	45	36	o	-		
	Biarritz ...	30.65	45	2	0	b	30.67	+01	39	39	+5	ENE	2	m	5	50	34	*	-		
	Paris ...	30.76	31	SSE	1	o	30.76	+05	32	32	+5	2	0	f	*	32	27	*	-		
SPANISH PENIN.	Belfort...	30.87	15	ENE	4	m	30.76	-05	21	20	+15	N	4	o	*	21	5	*	-		
	Lyons ...	30.74	14	E	1	b	30.77	-03	14	14	+7	N	1	b	*	20	7	*	-		
	Nice ...	30.41	43	2	0	b	30.33	-01	45	36	+7	2	0	b	0	52	38	*	-		
	Perpignan ...	30.50	46	NW	3	b	30.45	-01	48	39	+2	NW	3	b	*	54	42	*	-		
SPANISH PENIN.	Sanguinaire ...	30.12	48	S	3	m	30.12		46	45		E	3	m	2	55	43	*	-		
	Corunna ...															*	*	*	-		
SPANISH PENIN.	Lisbon ...															*	*	*	-		
	Azores (P. Delgada)...															*	*	*	-		
SPANISH PENIN.	Horta ...	30.08	61	S	4	o	30.16	+29	61	59	+4	NE	4	c	3	63	57	*	-		

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

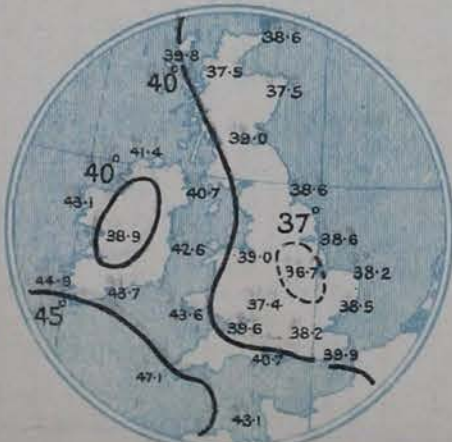
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



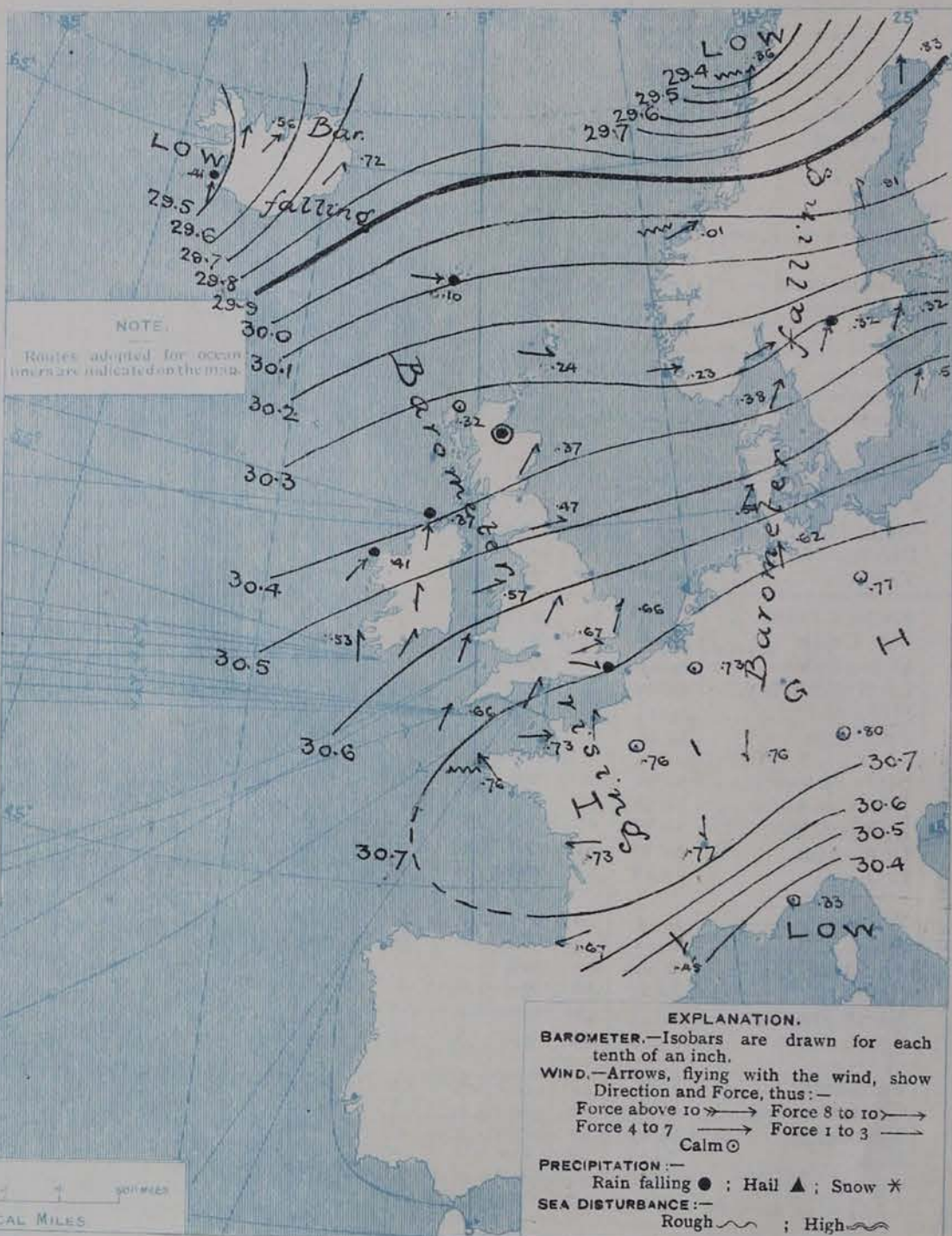
**AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)**



Saturday.

WEATHER

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



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

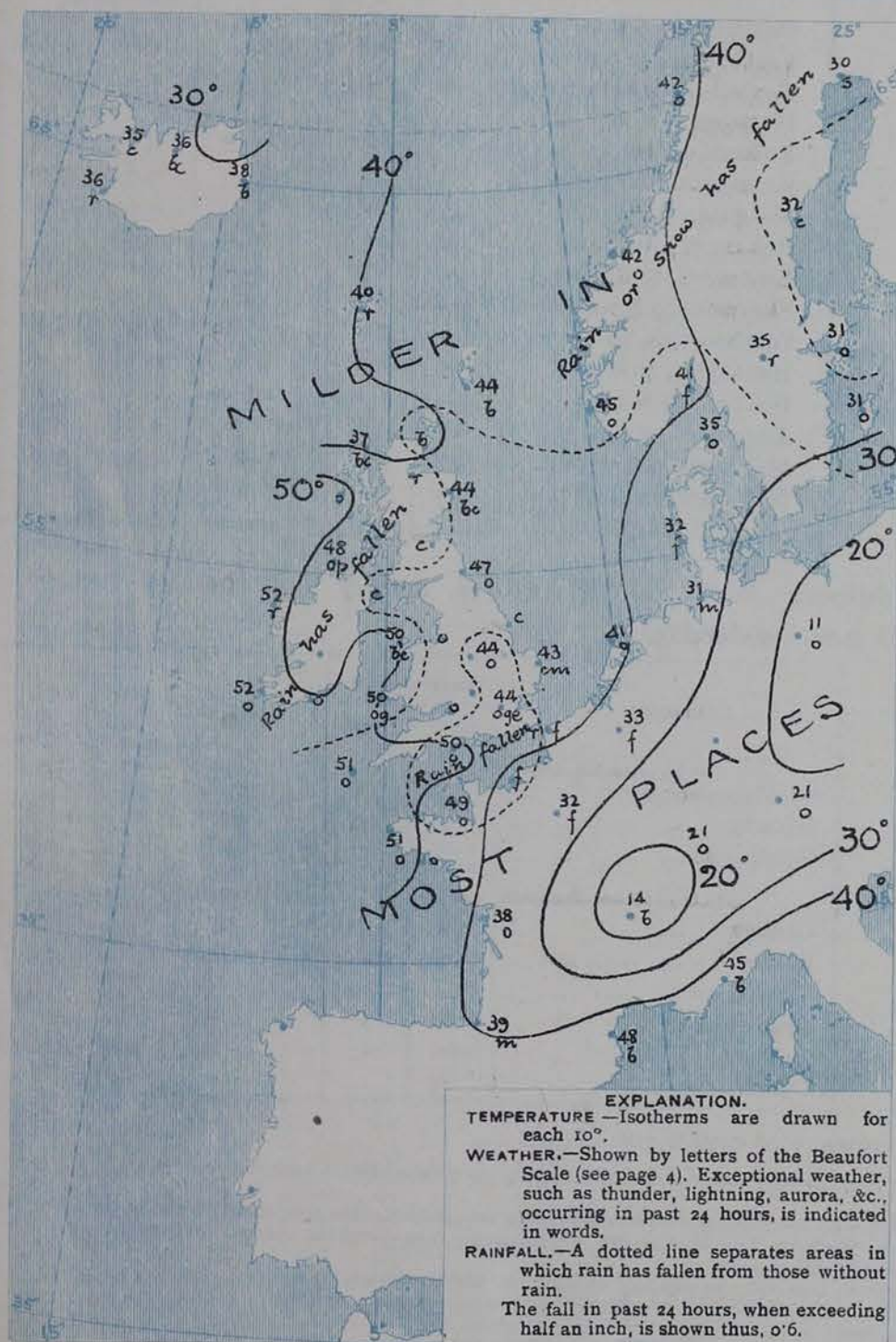
NOTES ON THE GENERAL SITUATION AT 7 A.M.

The Continental anticyclone has maintained its position with little alteration, and the highest barometer reading reported is 30.8 ins at Munich. Pressure is below 29.4 ins. in a large disturbance to the northward of Norway, and also in another system which is approaching Ireland. The gradient is slight except over the northern half of Norway. A S.W. current of wind prevails over the United Kingdom, the North Sea, Scandinavia and the Icelandic region. In these Islands it has little force, but in several parts of Scandinavia it is strong to high. Within the anticyclonic area calms or light variable airs are reported. Temperature has risen in most places. Over these Islands it ranges from about 50° in the west and northwest to 37° in the north of Scotland. In almost all parts of our area except the south of France and the north of Scotland the sky is nearly or quite overcast; rain is falling in the northwest of Ireland, at Hain, Thorshavn and Karlstad, and snow at Haparanda. Much fog or mist is reported from the French side of the Channel, and fog also prevails at Paris, Brussels and Jano.

CHARTS

2nd January, 1909.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° or slightly higher in many parts of the United Kingdom, but continued much below the freezing point in Germany and the east of France, and only just touched 32° at Paris. Slight rain has fallen in various parts of this country, and the day as a whole was very dull; at most stations there was no sunshine.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The general distribution of pressure seems likely to continue favourable for the prevalence of mild winds from between S. and S.W. or W. over the United Kingdom. Some rain may be expected in the extreme northwest and north, but generally the weather will undergo little change.

FORECASTS

For the 24 hours commencing at NOON TO-DAY.

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

- 0 { Wind between S. and W.; light to strong; mild, some rain fair intervals.
- 1 { S.W. winds, light or moderate; fair generally, but much cloud; mild.
- 2 { Light winds between S. and W.; mild, much cloud, with a damp and misty atmosphere, some fog on coast.
- 3 {
- 4 {
- 5 {
- 6 { Wind mainly S.W., light or moderate; mostly cloudy or dull, some mist slight rain locally; mild.
- 7 {
- 8 { S. and S.W. winds, light or moderate; cloudy or overcast, some mist; mild.
- 9 { S. and S.W. winds, light or moderate; cloudy or dull, mist and slight rain locally; mild.
- 10 {

II WESTERN CHANNEL AND BAY.

S. and S.W. winds on Channel, S.E. on Bay, light or moderate; some mist or fog, otherwise fair; sea slight or moderate.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

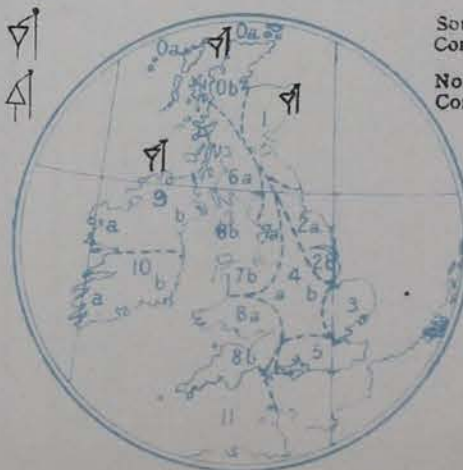
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



DAILY WEATHER REPORT.

Saturday, 2nd January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	53	49	c. op. c. o	Hrs.	Ins.	Brighton, to 6 p.m. ...	46	38	*	Hrs.	Ins.
Rossall Beach, to 6 p.m....	47	40	ond. c	*	0.01	Eastbourne, to 6 p.m. ...	49	40	*	0.5	0.04
Blackpool, to 9 p.m. ...	49	39	or. o	0.0	0.17	Bexhill-on-Sea, to 9 p.m.	46	39	m. b	0.1	0.01
Southport, to 9 p.m. ...	46	40	or. o, sm	0.0	0.02	Hastings ...	*	*	*	0.2	*
Rhyl, to 6 p.m. ...	52	46	*	0.1	-	Folkestone, to 6 p.m. ...	46	39	d. bc. o	0.4	0.03
Colwyn Bay, to 6 p.m. ...	53	47	b. bc	0.1	-	Ramsgate, to 6 p.m. ...	*	*	*	0.2	0.09
Llandudno, to 9 p.m. ...	52	47	c. op. c. o	0.0	-	Margate, to 6 p.m. ...	47	34	f	0.0	0.05
Bettws-y-Coed, to 6 p.m.	51	35	c	0.0	*	Felixstowe, to 6 p.m. ...	42	35	*	0.0	-
Towyn, to 6 p.m. ...	49	45	d. o	0.0	0.02	Lowestoft, to 6 p.m. ...	44	37	r. o. c	0.0	0.02
Aberystwyth, to 6 p.m. ...	52	46	*	0.0	-	Skegness, to 6 p.m. ...	42	35	m	0.0	0.02
Plymouth, to 9 p.m. ...	51	48	bc, bcx	0.0	0.04	Scarborough, to 9 p.m. ...	39	31	ogf. og	0.0	0.06
Torquay, to 6 p.m. ...	52	47	*	0.3	0.03	Harrogate, to 6 p.m. ...	48	36	o. c. o	0.0	0.01
Weymouth, to 6 p.m. ...	51	40	f. o. cp. c	0.0	0.01	Buxton, to 6 p.m. ...	45	40	of. c. f. sm	0.0	0.01
Bournemouth to 6 p.m. ...	51	43	c. bc. b. o	1.7	0.10	Darwen, to 9 p.m. ...	47	40	od. sm	0.0	0.13
Southsea, to 6 p.m. ...	48	37	*	0.0	0.21	Manchester, to 9 p.m. ...	48	38	or. o	0.0	0.01
Worthing, to 6 p.m. ...	45	37	f	0.0	-	Birmingham, to 9 p.m. ...	46	40	c. o	0.1	-

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
1st January, 1909					1st January, 1909				
Madeira ...	Observations not received			Ins.	St. Petersburg ...				Ins.
Marseilles ...					Utrecht ...				
Malta ...					Groningen ...				
Algiers ...					31st December 1908				
Tunis ...					Geneva ...	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Palermo ...					Berne ...	25	*	b	-
Naples ...					Coire ...	14	*	b	0.04
Brindisi ...					Castasegna ...	23	*	o	-
Florence ...					Lugano ...	36	*	b	-
Rome ...					Davos ...	41	*	b	-
Vienna ...						19	*	o	-

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS.

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

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

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

2nd & 3rd Jan, 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	8.6	11.57	3.48
Greenwich ...	...	8.6	11.58	3.49
Wick ...	...	8.8	12.4	4.0
Valencia ...	...	8.8	12.5	4.1
		9.5	12.16	3.28
		9.4	12.17	3.29
		8.51	12.45	4.39
		8.51	12.46	4.40

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

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

W. N. SHAW, (Director.)

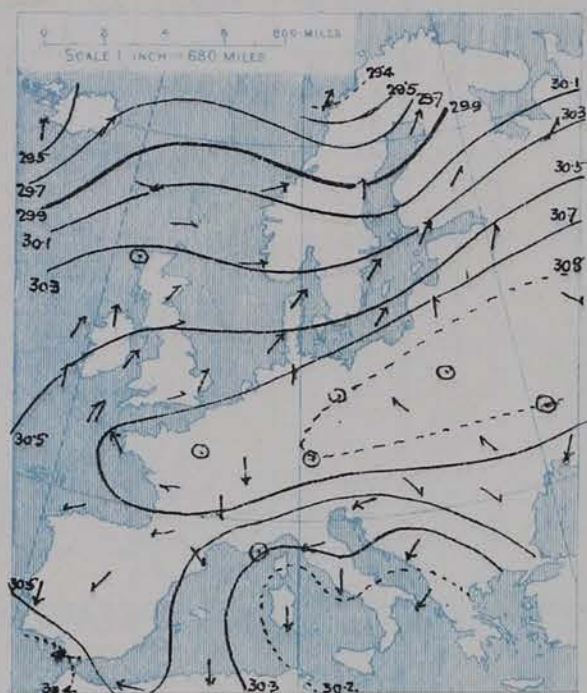
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,
3rd January 1909.

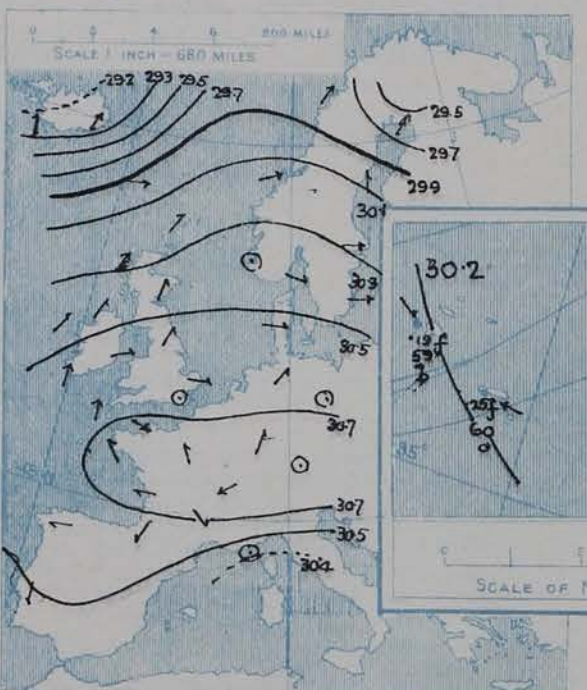
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Max.	Min.									
Ins.	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"								
SCANDINAVIA.	Haparanda...	29.50	31	SW	3	o	29.78	-0.5	28	28	-2	NW	2	b	*	32	12	*	*	0.28	
	Hernösand...	30.04	35	S	2	b	30.09	+1.8	36	32	+4	Z	0	o	*	37	14	*	*	-	
	Stockholm...	30.29	36	W	4	o	30.30	-0.2	32	32	+1	WSW	2	f	*	36	27	*	*	-	
	Wishby...	30.34	35	W	6	r	30.34	-1.7	36	35	+5	NW	4	o	*	36	25	*	*	-	
	Karlstad...	30.32	35	Z	0	f	30.32	0.0	31	31	-4	Z	0	f	*	*	*	*	-		
	Færder (X'ania Fjord)	30.32	40	NNE	1	o	30.30	+0.5	37	36	-4	W	2	c	2	41	37	*	*	-	
	Bodö...	29.80	39	SW	7	c	29.62	+2.6	39	36	-3	S	4	r	3	43	37	*	*	0.32	
ICELAND & FAEROE.	Christiansund...	30.23	46	WSW	4	c	29.96	-0.5	49	44	+7	WSW	6	o	4	49	41	*	*	0.04	
	Skudesnaes...	30.42	35	Z	0	f	30.37	+1.4	42	42	-3	S	4	f	3	45	34	m, f	*	-	
	Reykjavik...	29.21	36	S	5	c	29.22	-1.9	36	*	0	SW	4	c	*	*	*	*	*	*	
	Blönduós...	29.17	35	S	2	r	29.37	-1.6	34	*	-1	W	6	bc	*	*	*	*	*	*	
BRITISH ISLANDS.	Seydisfjord...	29.26	45	SW	4	r	29.48	-2.4	36	*	-2	WSW	4	bc	*	*	*	*	*	*	
	Thorshavn...	30.01	45	W	4	o	29.89	-2.1	48	*	+8	WSW	6	r	*	*	*	*	*	*	
	Sumburgh Head	30.28	45	SW	1	b	30.19	-0.5	47	45	+3	W	4	o	4	47	41	b, o	*	0.05	
	Stornoway...	30.29	50	SW	5	c	30.28	-0.4	46	45	+9	SW	6	bc	5	50	35	om, cp, eq	0.0	0.01	
	Castlebay (Barra Id.)	30.36	50	SW	3	o	30.36	+0.2	46	46	-5	W	3	op	3	51	46	adm, o, od	0.0	0.03	
	Malin Head...	30.41	50	SW	3	agm	30.42	+0.5	46	46	-2	SW	4	cmv	5	51	42	bcp, ag, cm	*	0.02	
	Blacksod Pt.	30.45	50	SW	3	o	30.49	+0.8	52	51	0	SW	4	om	3	53	47	bcp, bcp	*	0.08	
	Valencia...	30.57	51	S	4	o	30.58	+0.5	51	49	-1	SSW	2	o	4	53	49	o, c	0.1	0.01	
	Roche's Point...	30.62	49	SW	1	c	30.62	+0.3	49	49	-1	Z	0	o	2	53	48	o, bc, op, o	*	0.01	
	Birr Castle...	30.54	49	S	2	o	30.56	+0.3	49	48	+2	SSW	2	o	*	52	45	op, o	0.1	0.04	
	Donaghadee...	30.51	49	SW	2	c	30.51	+0.2	47	44	-1	SW	2	c	1	51	45	bcp, cp, bc	*	0.04	
	Liverpool Obsy...	30.59	47	SSW	2	o	30.59	0.0	46	44	-1	SSW	2	b	1	50	46	o, bc, o	0.1	-	
	Holyhead...	30.58	50	WSW	2	c	30.58	+0.1	48	48	-2	WSW	2	bc	1	51	47	o, c	*	-	
	Pembroke (St. Ann's Hd.)	30.61	50	SW	4	o	30.62	+0.1	49	49	-1	SW	1	o	4	52	48	ag, c, o	0.0	0.03	
	Scilly (St. Mary's)	30.68	52	SSW	4	o	30.65	-0.1	51	49	0	SSW	3	c	4	54	50	o	0.0	-	
	Jersey (St. Aubins)	30.74	48	WNW	4	o	30.70	-0.3	49	46	0	WSW	3	bc	3	51	46	o, bc	0.0	-	
	Portland Bill	30.68	50	WSW	3	c	30.66	-0.3	49	48	-1	W	3	op	3	51	46	r, d, c	0.1	0.02	
	Dungeness...	30.63	47	WSW	3	o	30.64	-0.1	45	45	0	WNW	2	o	2	47	42	cp, ag, o	0.0	0.02	
	Dover...	30.67	46	W	1	o	30.65	-0.5	46	45	0	NW	1	o	0	48	45	o	0.0	-	
	Wick...	30.30	45	W	1	bc	30.28	-0.2	46	44	+9	W	2	o	2	49	37	-	*	-	
	Nairn...	30.38	50	WSW	1	c	30.32	-0.2	47	46	+2	WSW	2	c	1	51	40	pd, bc, eq	1.0	0.04	
	Aberdeen...	30.42	45	SSW	2	b	30.37	0.0	37	36	-7	SSW	1	b	2	48	34	bc, bcp	5.2	-	
	Leith...	30.45	50	WSW	2	bc	30.42	-0.2	49	47	0	WSW	1	bc	*	53	49	c, bc, c	*	-	
North Shields	30.50	46	SW	1	c	30.50	+0.3	44	44	-3	Z	0	o	2	51	39	o, c	*	0.01		
Spurn Head	30.57	43	SW	2	bm	30.57	+0.1	44	43	+1	WSW	2	cmv	2	46	40	cm, bm, cm	*	-		
Yarmouth...	30.61	46	W	1	omv	30.62	+0.4	41	40	-2	W	1	f	2	47	40	c, omv	0.0	-		
Clacton-on-Sea	30.65	44	W	1	f	30.64	-0.5	42	42	0	WNW	1	f	0	45	41	om, o, bcp, f	0.0	-		
Nottingham...	30.61	46	W	1	omv	30.62	-0.1	45	45	+1	W	2	c	*	49	43	o, c, bcp, nd	0.3	-		
Bath...	30.67	49	W	1	o	30.66	-0.2	47	47	+4	W	1	oe	*	52	43	-	0.3	0.01		
Oxford...	30.67	48	SW	2	o	30.67	-0.3	46	45	-1	W	2	adm	*	49	45	o, d	*	0.02		
London (St. James's Pk)	30.65	47	Z	0	omv	30.63	-0.4	45	45	+1	SW	1	age	*	48	44	o, omv	0.0	-		
GERMANY, & C.	The Scaw (Skagen)	30.36	39	WNW	3	b	30.39	+0.1	41	41	+6	WNW	4	m	1	43	?	*	*	-	
	Fanö...	30.53	39	W	2	f	30.55	+0.1	40	39	+8	W	2	f	*	41	32	*	*	-	
	Cuxhaven†...	30.58	35	SW	2	m	30.61	-0.1	34	100	+3	SW	2	f	*	36	31	f	*	-	
	The Helder...	30.63	41	WSW	1	o	30.64	+0.1	38	38	-3	SSW	1	f	0	43	37	*	*	-	
	Brussels...	*	*	*	*	*	30.68	-0.5	36	36	+3	Z	0	f	*	38	33	*	*	?	
	Berlin†...	30.67	26	Z	0	o	30.63	-1.4	33	90	+2.2	Z	0	f	*	23	10	*	*	-	
	Frankfurt†...	30.75	28	SW	1	f	30.73	0.0	30	92	0	SW	1	f	*	30	27	*	*	0.04	
Munich†...	30.77	24	Z	0	o	30.77	-0.3	24	100	+3	SE	2	o	*	25	21	*	*	-		
FRANCE.	C. Gris Nez...	30.66	44	SW	1	f	30.64	-0.4	44	43	+3	SW	1	o	2	48	41	*	*	-	
	La Hève...	30.73	42	SSW	1	f	30.74	-0.4	43	43	0	NNW	1	f	1	45	41	*	*	0.12	
	Brest...	30.78	47	SE	3	o	30.73	-0.3	44	44	-7	SE	2	o	2	52	41	*	*	-	
	Lorient...	30.73	45	Z	0	b	30.69	-0.4	44	43	0	Z	0	o	2	50	41	*	*	-	
	Rochefort...	30.72	44	E	2	o	30.71	-0.2	42	42	+4	E	2	c	*	50	38	*	*	-	
	Biarritz...	30.65	42	NE	1	b	30.63	-0.4	39	38	0	Z	0	b	2	45	36	*	*	-	
	Paris...	30.74	34	SSE	1	f	30.73	-0.3	34	34	+2	S	1	f	*	37	32	*	*	0.08	
	Belfort...	30.72	24	ENE	4	m	30.70	-0.6	21	21	0	ENE	5	f	*	26	21	*	*	-	
	Lyons...	30.71	35	NW	2	o	30.77	0.0	25	25	+11	SSW	1	f	*	35	14	*	*	-	
SPANISH PENIN.	Nice...	30.39	44	Z	0	b	30.43	+1.0	42	34	-3	E	2	b	3	50	37	*	*	-	
	Perpignan...	30.45	49	NW	4	b	30.52	+0.7	41	37	-7	SW	2	b	*	58	37	*	*	-	
	Sanguinaire...																	*	*	-	
	Corunna...	30.57	55	ENE	1	b	30.58	0.0	41	37	-2	E	1	f	3	57	36	*	*	-	
SPANISH PENIN.	Lisbon...	30.49	52	N	3	b	30.44	-0.7	43	41	-1	NE	2	b	*	55	43	*	*	-	
	Azores (P. Delgada)...	30.29	61	ESE	4	b	30.25	+0.5	60	59	-1	ESE	4	o	4	63	59	*	*	-	
	" Horta...	30.24	61	NW	3	b	30.19	+0.3	59	57	-2	WNW	1	b	2	66	59	*	*	-	

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

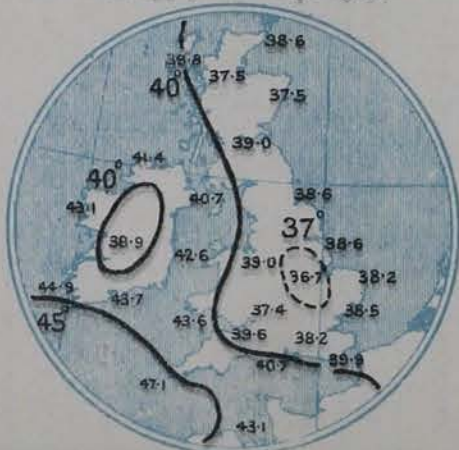
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

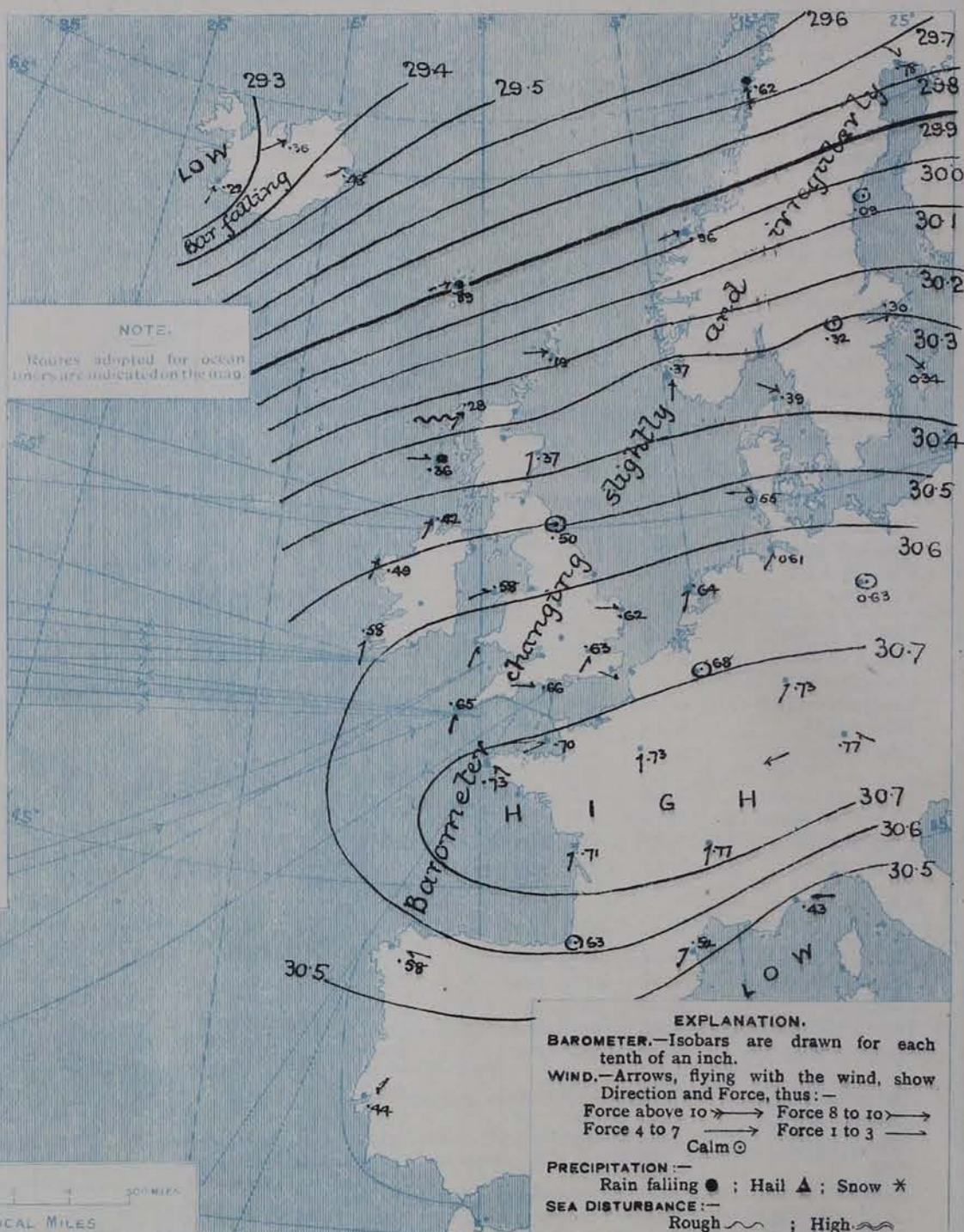


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Sunday, WEATHER

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



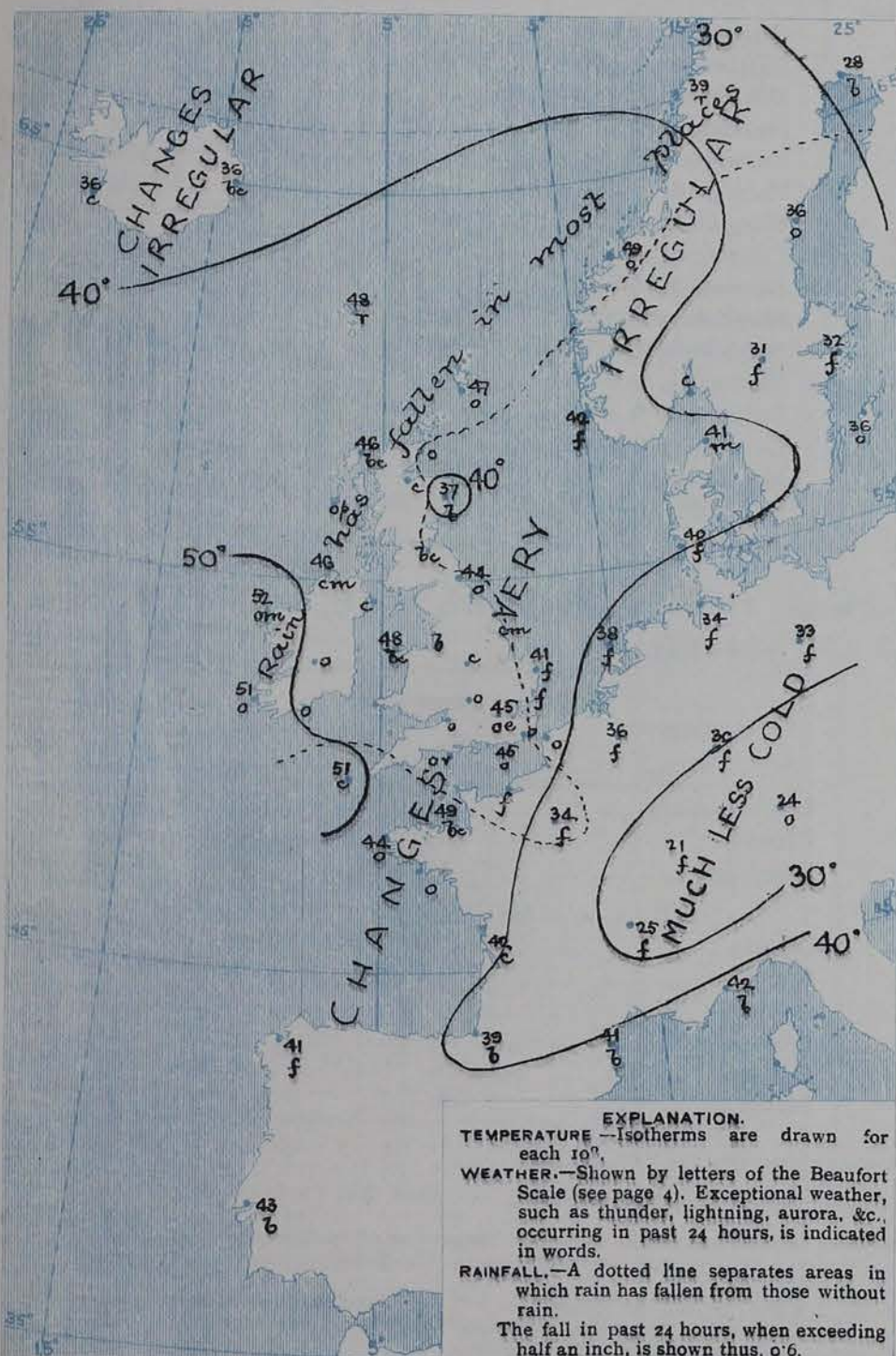
NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone still covers all the more southern parts of our area, the central portion of the system being situated over France and Southern Germany. A deep depression, in which the barometer is below 29.3 ins., is approaching Iceland from the westward, and to the northward of Scotland the gradient for South-Westerly and Westerly winds is steep.

With this distribution of pressure S.W. and W. winds prevail over north-western Europe generally, and blow strongly in the regions just mentioned, a gale from the West being reported in the north of Iceland. Within the central portions of the anticyclone the wind is light and variable. Temperature remains high in these Islands, the morning readings being above 45° at all but our eastern stations, and above 50° on our extreme west and south-west coasts. Frost prevails in Germany and Central France, and also at some of the Swedish stations. The weather is fine in several parts of north Britain and also in Ireland, but cloudy elsewhere with fog on the east coast of England and at many of the Continental stations. The sea is slight or smooth generally, but moderate on our south-west coasts, and rather rough in the Minch.

CHARTS 3rd January, 1909.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 45° and upwards over the United Kingdom generally and to 50° or a trifle above it at most places in the west and north. More than 5 hours of bright sunshine were recorded at Aberdeen, but at all other stations there was little or none. Slight rain has fallen in many parts of the country.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

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

—More Sailed.

WESTERN CHANNEL AND BAY.



FORECAST DISTRICTS.

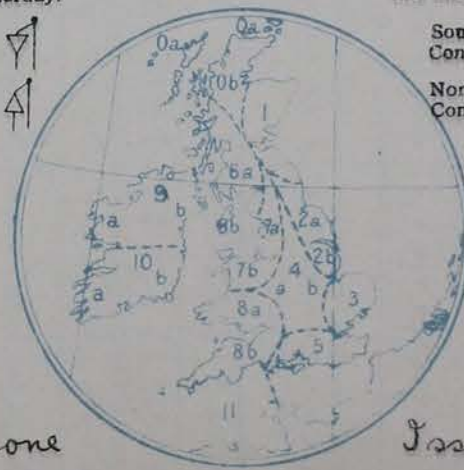
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone. 
North Cone. 

South Cone. 
North Cone. 



None

Issued.

DAILY WEATHER REPORT. Sunday, 3rd January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	53	48	b. c. bc	*	-	Brighton, to 6 p.m. ...	0	0	*		
Rossall Beach, to 6 p.m....	46	40	0	*	0.01	Eastbourne, to 6 p.m. ...			*		
Blackpool, to 9 p.m. ...	48	44	0	0.0	-	Bexhill-on-Sea, to 9 p.m.	42	41	f. m	0.0	0.02
Southport, to 9 p.m. ...	50	44	0	0.0	-	Hastings	*	*	*	0.0	*
Rhyl, to 6 p.m.			*	0.8	-	Folkestone, to 6 p.m. ...	46	42	b. m	0.0	-
Colwyn Bay, to 6 p.m. ...	52	48	bc, 0	0.6	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	52	47	b. bc, c. 0	0.2	-	Margate, to 6 p.m. ...	48	40		0.0	-
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...	46	42		0.3	-
Towyn, to 6 p.m.	49	45	p. 0	0.0	0.04	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	52	46	*	0.0	0.02	Skegness, to 6 p.m....	48	42	c	0.0	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	48	36	b. c. bc	0.0	-
Torquay, to 6 p.m....	50	47	*	0.0	0.03	Harrogate, to 6 p.m. ...	48	43	b. c. bc	0.1	-
Weymouth, to 6 p.m. ...	51	39	m. c. dp	0.1	0.06	Buxton, to 6 p.m. ...					
Bournemouth to 6 p.m. ...	51	44	0	0.0	-	Darwen, to 9 p.m. ...	48	41	od. s. ou	0.0	0.02
Southsea, to 6 p.m....			*			Manchester, to 9 p.m. ...	49	44	dp. c. 0	0.0	-
Worthing, to 6 p.m. ...	47	40	f. c. 0	0.6	-	Birmingham, to 9 p.m....	49	43	0	0.1	-

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

STATIONS. <i>2nd January, 1909</i>	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. <i>2nd January, 1909</i>	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira	0	0		Ins.	St. Petersburg	21	9	s. s	Ins.
Marseilles	45	23	b. b	-	Utrecht	32	25	f. f	-
Malta	55	51	c	0.12	Groningen				
Algiers	55	43	bc. c	-	<i>1st January, 1909. 1.30 p.m.</i>				
Tunis					Geneva	25	*	bc	Measured 7.30 a.m.
Palermo					Berne	14	*	b	-
Naples	51	39	b. b	-	Coire	25	*	b	-
Brindisi	51	34	b. b	-	Castasegna		*		-
Florence	42	37	b. b	-	Lugano	39	*	b	-
Rome	50	38	b. b	-	Davos	16	*	b	-
Vienna	23	18	bc. s	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
	°	°	Ins.				°	°	°	

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

<i>3rd & 4th January 1909.</i>		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth		8.6	11.58	3.49
Greenwich		8.5	11.58	3.50
Wick		8.8	12.5	4.1
Valencia		8.8	12.5	4.2
		9.4	12.17	3.29
		9.3	12.17	3.30
		8.51	12.46	4.40
		8.50	12.46	4.41

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

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

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday
14th January 1909.

STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.		Weather.		Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).		Temp.		Weather.	Sun-shine.	Rainfall.
	At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).			At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).				Max.	Min.			
SCANDINAVIA.	Ins.	"					Ins.	Ins.	"	"	"						"	"		Hours.	Ins.
	Haparanda...	29.43	34	SW	4	b	29.47	-0.31	22	22	-6	Z	0	b	*		36	22	*	*	0.04
	Hernösand...	29.83	41	S	4	bc	29.77	-0.32	38	35	+2	S	2	b	*		41	32	*	*	-
	Stockholm...	30.09	36	SW	4	c	30.01	-0.29	27	36	+5	W	4	bc	*		37	30	*	*	-
	Wishy...	30.22	38	W	2	o	30.11	-0.23	40	39	+4	WNW	4	c	*		41	32	*	*	-
	Karlstad...	30.16	39	WSW	4	c	30.10	-0.22	28	37	+7	WSW	2	c	*		*	*	*	*	-
	Färder (K'ania Fjord)	30.20	41	WSW	4	c	30.17	-0.13	42	40	+5	SW	6	o	3		42	37	*	*	-
	Bodö...	29.50	41	W	6	bc	29.56	-0.06	34	33	-5	WSW	7	r	4		41	32	*	*	0.05
ICELAND & FAEROE.	Christiansund...	29.96	45	WSW	9	r	29.95	-0.01	47	46	-2	WSW	9	r	6		?	?	*	*	1.58
	Skudesnaes...	30.32	43	WSW	2	o	30.30	-0.07	45	44	+3	W	4	o	3		45	41	*	*	0.08
	Reykjavik...	29.44	36	SW	3	c	29.78	+0.56	32	*	-4	SW	3	c	*		*	*	*	*	*
	Blönduós...	29.44	30	SW	3	bc	29.78	+0.36	31	*	-3	SW	5	bc	*		*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	29.53	40	WSW	4	b	29.80	+0.32	35	*	-1	WSW	4	b	*		*	*	*	*	*
	Thorshavn...	29.89	48	WSW	6	r	30.05	+0.16	45	*	-3	WSW	2	c	*		*	*	*	*	*
	Sumburgh Head	30.13	47	W	4	sq	30.22	+0.03	49	49	+2	W	4	r	5		49	45	r, o	*	0.07
	Sornoway...	30.28	51	WSW	6	o	30.37	+0.09	51	50	+5	SW	6	r	5		52	45	sq, sq, sq	0.3	0.02
	Castlebay (Barra Id.)	30.38	51	SW	4	o	30.46	+0.10	51	50	+5	WSW	4	o	4		52	46	p, sq, o	0.0	0.02
	Malin Head...	30.47	48	SSW	4	sq	30.52	+0.10	45	45	-1	S	3	bc	3		50	45	sq, sq, sq	*	-
	Blacksod Pt.	30.50	52	SSW	4	bc	30.55	+0.05	50	47	-2	SW	4	o	3		52	45	bc, bc, bc	*	0.01
	Valencia...	30.60	50	S	1	o	30.61	+0.03	49	46	-2	S	1	o	4		52	48	o, c	0.2	-
	Roche's Point...	30.64	43	WSW	1	c	30.66	+0.04	50	47	+1	SW	1	o	2		51	47	o, c, o	*	-
	Birr Castle...	30.59	48	Z	0	o	30.64	+0.08	47	45	-2	Z	0	o	*		51	44	o, bc	0.0	-
	Donaghadee...	30.58	50	SSW	1	o	30.64	+0.13	42	40	-5	WSW	1	bc	1		52	40	bc, sq, bc	*	-
	Liverpool Obsy...	30.64	46	SW	2	c	30.68	+0.04	47	44	+1	SW	1	o	1		52	44	bc, ord	1.0	-
	Holyhead...	30.63	49	WSW	2	cp	30.67	+0.09	47	46	-1	Z	0	om	0		51	46	bc, cmp	*	-
	Penbroke (St. Ann's Hd.)	30.64	49	SW	1	o	30.66	+0.04	49	47	0	NE	1	sq	2		51	47	o, ov	0.0	-
	Silly (St. Mary's)	30.67	51	SSW	2	o	30.66	+0.01	49	47	-2	SSW	3	o	3		53	48	o	0.0	-
	Jersey (St. Aubins)	30.70	49	WNW	3	o	30.69	-0.01	47	46	-2	NE	3	o	3		54	44	b, bc, cm	2.0	-
	Portland Bill...	30.63	48	Z	0	o	30.68	+0.02	48	47	-1	NE	1	om	2		50	47	o	0.0	-
	Dungeness...	30.67	46	N	1	m	30.73	+0.09	46	44	+1	S	1	o	1		48	42	cm, of, g	0.0	0.01
	Dover...	30.68	46	Z	0	o	30.73	+0.08	44	44	-2	S	1	o	0		48	44	o, om	0.0	-
	Wick...	30.31	47	W	2	bc	30.37	+0.09	52	49	+6	W	2	c	2		54	44	-	*	-
	Nairn...	30.35	50	SW	1	bc	30.42	+0.10	50	48	+3	SW	1	c	1		51	45	g, bc, bc	0.0	-
GERMANY, & C.	Aberdeen...	30.41	41	SW	1	b	30.47	+0.10	47	45	+10	SW	3	b	2		47	32	bc, bc, b	2.8	-
	Leith...	30.47	50	SW	2	o	30.53	+0.11	49	47	0	W	2	c	*		52	48	bc, o	*	-
	North Shields...	30.52	45	SW	2	c	30.58	+0.08	43	42	-1	SW	2	c	2		50	42	c	*	-
	Spurn Head...	30.60	47	WSW	3	m	30.65	+0.08	44	43	0	WSW	2	om	2		46	42	cm	*	-
	Yarmouth...	30.65	43	W	1	f	30.70	+0.08	43	43	+2	WSW	1	om	2		45	37	f	0.0	0.03
	Clacton-on-Sea...	30.69	45	WNW	1	m	30.72	+0.06	42	42	0	NW	1	f	0		46	41	om, f	0.0	-
	Nottingham...	30.65	41	Z	0	of	30.70	+0.08	42	42	-3	WSW	1	o	*		50	36	b, om, f	0.0	-
	Bath...	30.68	48	Z	0	o	30.71	+0.05	44	44	-3	W	1	o	*		50	43	-	0.0	0.01
FRANCE.	Oxford...	30.71	47	Z	0	o	30.75	+0.08	44	43	-2	Z	0	of	*		48	44	o	*	-
	London (St. James's Pk)	30.66	43	Z	0	mc	30.70	+0.07	43	43	-2	Z	0	ogne	*		48	43	og, ma	0.0	0.01
	The Scaw (Skagen)	30.30	43	W	5	m	30.28	-0.11	43	43	+2	WNW	6	c	2		45	41	*	*	-
	Fanö...	30.56	39	WSW	4	f	30.53	-0.02	40	40	0	W	4	c	*		41	37	*	*	-
	Cuxhaven...	30.65	36	SW	3	f	30.62	+0.01	37	100	+3	WSW	3	f	*		37	34	f	*	-
	The Helder...	30.69	39	SSW	2	f	30.69	+0.05	41	41	+3	SW	2	f	0		41	37	*	*	-
	Brussels...	*	*	*	*	*	30.76	+0.08	35	35	-1	ENE	1	o	*		39	33	*	*	-
	Berlin...	30.66	37	Z	0	f	30.64	+0.01	38	93	+5	SW	3	o	*		38	32	*	*	-
SPANISH PENIN.	Frankfurt...	30.77	32	N	1	f	30.78	+0.05	32	89	+2	NE	1	f	*		32	30	*	*	-
	Munich...	30.82	22	E	5	o	30.83	+0.06	19	100	-5	E	4	f	*		25	18	*	*	-
	C. Gris Nez...	30.65	43	SSW	1	o	30.69	+0.05	42	42	-2	Z	0	o	1		50	41	*	*	-
	La Hève...	30.69	46	NW	1	f	30.73	-0.01	36	?	-7	E	3	f	?		?	?	*	*	-
	Brest...	30.73	48	NE	1	o	30.68	-0.05	44	44	0	ENE	2	o	2		48	43	*	*	-
	Lorient...	30.66	48	NE	2	o	30.61	-0.08	46	45	+2	ENE	4	o	2		48	45	*	*	-
	Rocheport...	30.63	46	NE	3	o	30.61	-0.10	36	36	-6	NE	4	o	*		48	32	*	*	-
	Biarritz...	30.61	35	NE	2	m	30.51	-0.12	34	34	-5	E	3	m	2		39	30	*	*	-
SPANISH PENIN.	Paris...	30.69	35	Z	0	f	30.74	+0.01	30	30	-4	E	1	f	*		37	30	*	*	-
	Belfort...	30.72	21	ENE	6	f	30.77	+0.07	16	16	-5	ENE	5	f	*		24	16	*	*	-
	Lyons...	30.72	26	N	1	f	30.74	-0.03	25	25	0	N	1	f	*		27	25	*	*	-
	Nice...	30.48	41	E	1	b	30.54	+0.11	41	33	-1	E	1	b	*		52	37	*	*	-
	Perpignan...	30.49	45	NW	2	b	30.59	+0.07	30	30	-11	SW	1	b	*		53	28	*	*	-
	Sanguinaire...	30.18	48	E	3	o	30.20		46	45		SE	2	m	2		54	43	*	*	-
	Corunna...	30.43	54	ENE	1	b	30.46	-0.12	40	37	-1	ENE	1	b	3		53	34	*	*	-
	Lisbon...	30.39	52	NNE	4	b	30.40	-0.04	42	41	-1	N	4	b	*		54	41	*	*	-
SPANISH PENIN.	Azores (P. Delgada)...	30.19	62	ESSE	3	o	30.14	-0.11	60	59	0	ESSE	4	o	4		64	59	*	*	-
	" Horta...	30.10	63	SSW	4	o	30.07	-0.12	61	59	+2	S	5	bc	3		66	59	*	*	-

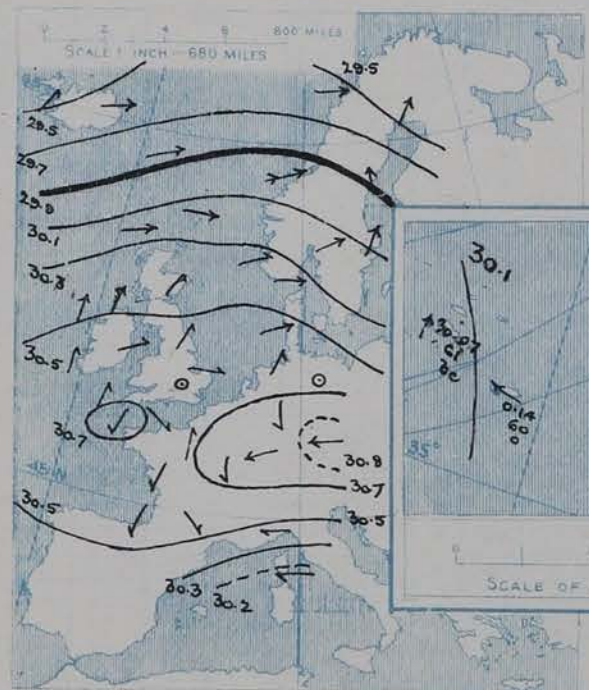
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

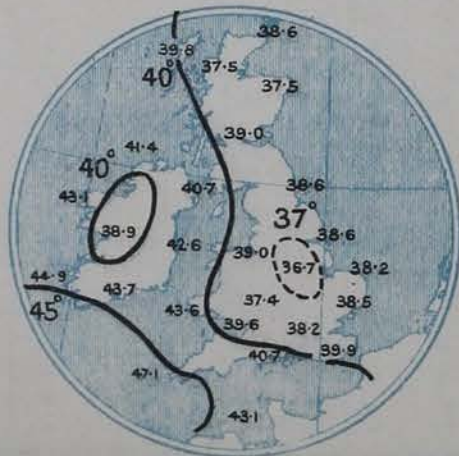
7 A.M. YESTERDAY



6 P.M. YESTERDAY



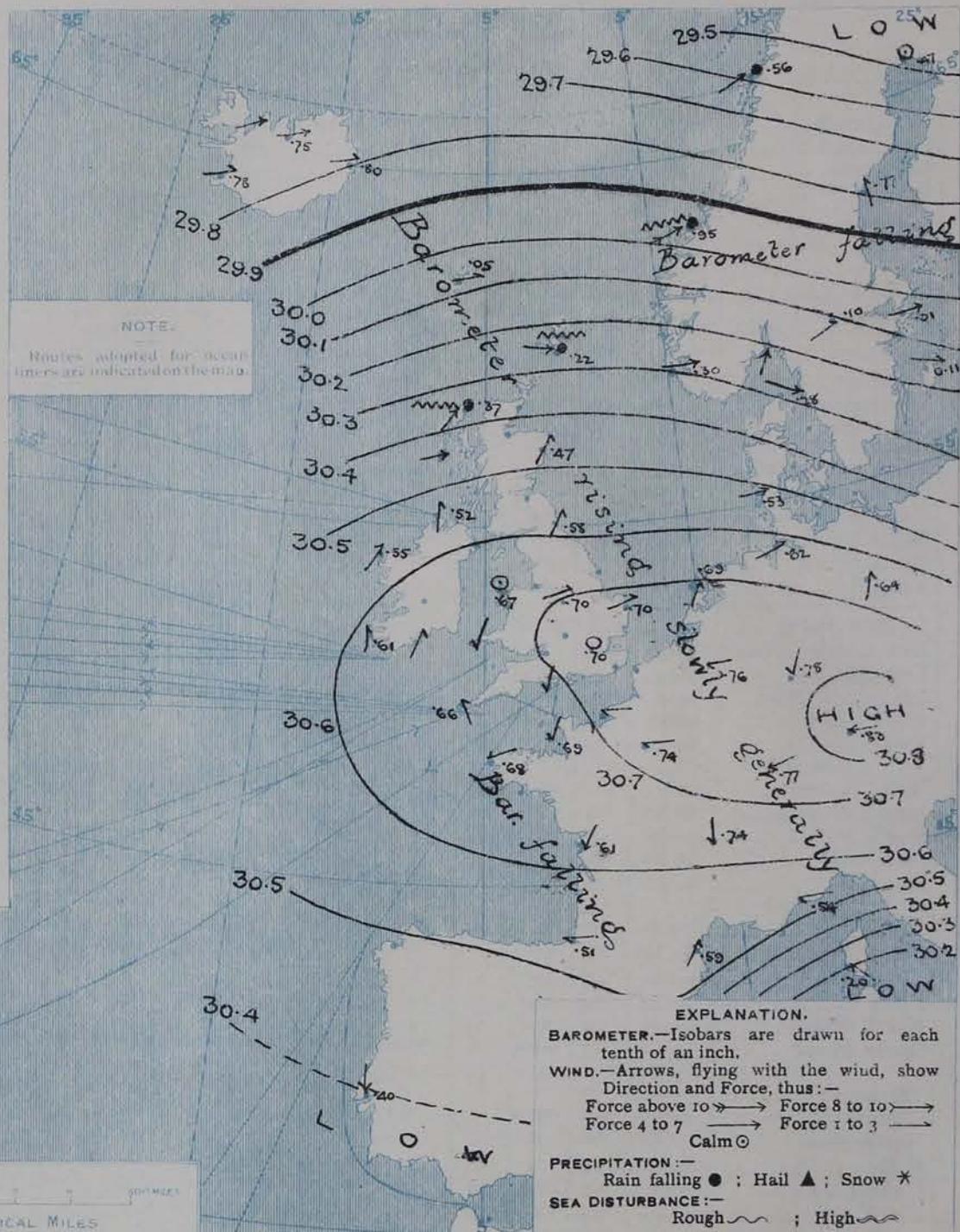
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Monday,

WEATHER

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



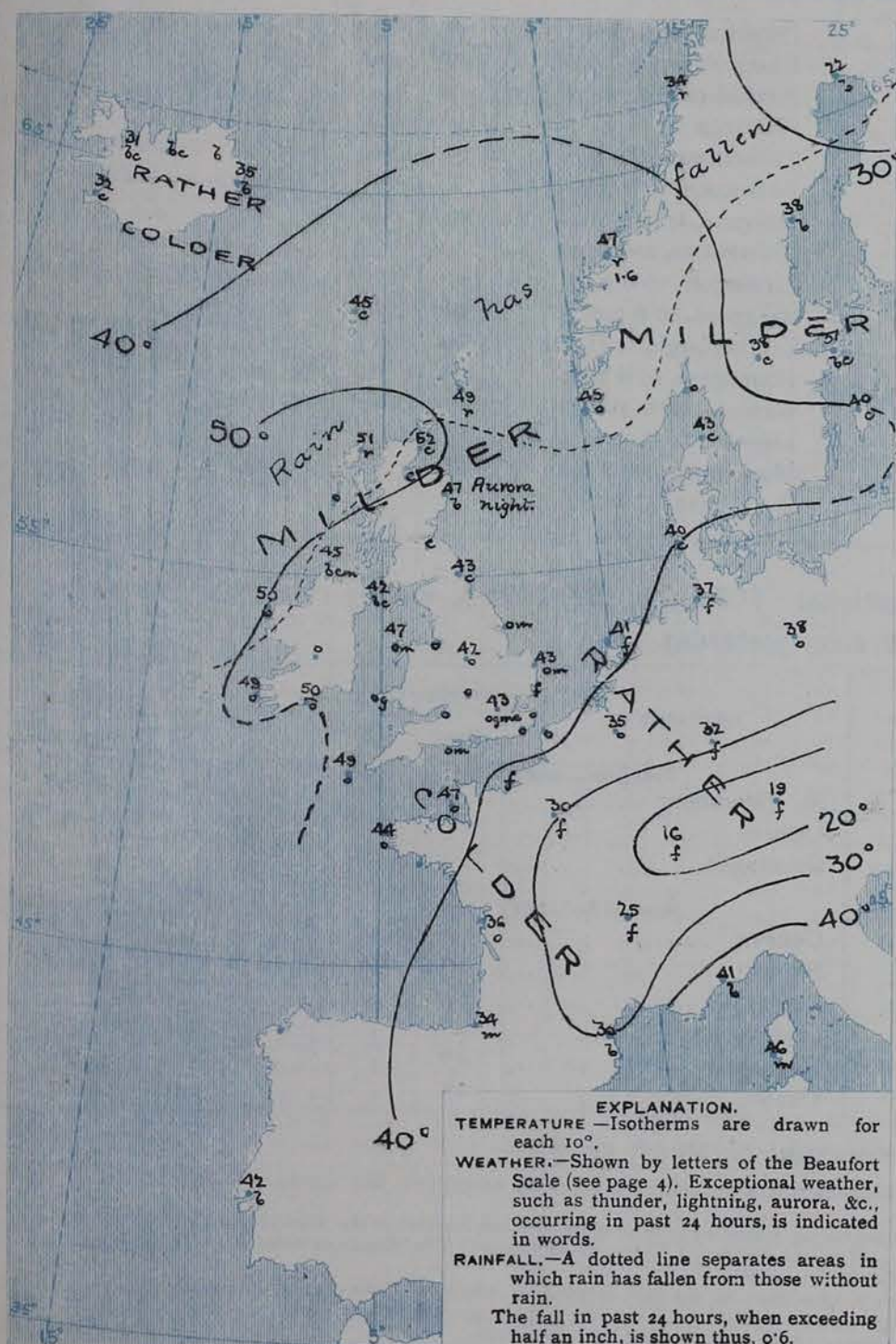
NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone which has its central space over South Germany extends over these Islands, where the barometer is still rising steadily. An increase of pressure is also in progress over the Icelandic region, but the barometer is at present falling in Scandinavia. A current of wind from the Westward prevails over Scotland and Scandinavia and between those regions and Iceland. It blows a strong breeze at Stornoway, a high wind at Bodø, and a strong gale at Christiansund. Over England the wind is light and rather variable, and over France light from some Easterly point. Temperature has fallen a little in France and in some parts of England and Ireland, risen in Scotland and the south of Scandinavia. Over these Islands it ranges from about 50° in the west and north, to 42° at Nottingham and Clacton. Rain is falling at Stornoway and Lumburgh Head, and also in the north-west and north of Scandinavia. In almost all other parts of our area the weather is dull, while much mist or fog prevails over England, France and Germany.

CHARTS

4th January, 1909

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometers rose to above 50° in many parts of these Islands, and the night was mild generally. Sharp frost continued in South Germany and the east of France. A little rain has fallen at a few of our own stations, and about 1.6 inch at Christiansund. The day was dull in nearly all parts of the United Kingdom, but at Aberdeen the sun shone for nearly three hours. Aurora was observed at Aberdeen last night.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

It appears probable that the central part of the anticyclone will take up a position nearer the United Kingdom. Light variable air are consequently to be expected to become more general, with an extension of the mist and fog area over England.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 { S.W. and W. winds, moderate or fresh; dull, some rain; mild.
- 1 { W. and S.W. winds, light; fair, cloudy, mild.
- 2 { }
- 3 { W. ind light and rather variable, becoming E. in south; much cloud, a good deal of mist or fog; temperature falling somewhat.
- 4 { }
- 5 { }
- 6 { Same as No. 0 (a).
- 7 { Wind light and variable; generally dull, mist or fog in places; rather colder.
- 8 { Light or moderate winds between S.E. and N.E.; cloudy or dull, some mist or fog; rather colder.
- 9 { Light or moderate winds between S.E. and S.W.; mostly overcast, some mist; moderate or mild temperature.
- 10 { }

11 WESTERN CHANNEL AND BAY.



E. or S.E. winds, light to moderate or fresh; sea smooth to moderate; some mist or fog.

FORECAST DISTRICTS.

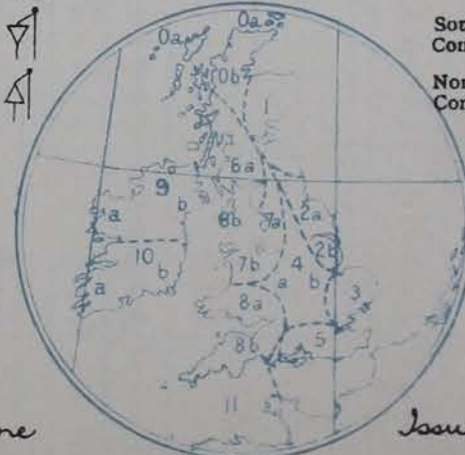
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone. 
North Cone. 

South Cone. 
North Cone. 



DAILY WEATHER REPORT.

Monday, 4th January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m. ...	53	48	cp, b, bc	*	0.01	Brighton, to 6 p.m. ...	48	42	*	0.0	0.01
Rossall Beach, to 6 p.m. ...	46	42	od, om	*	0.04	Eastbourne, to 6 p.m. ...	48	45	*	0.0	-
Blackpool, to 9 p.m. ...						Bexhill-on-Sea, to 9 p.m. ...	48	41	m	0.0	-
Southport, to 9 p.m. ...	49	43	od, o	0.0	0.02	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	53	45	*	0.2	-	Folkestone, to 6 p.m. ...	47	44	bc, o	0.0	-
Colwyn Bay, to 6 p.m. ...	53	49	bc, b	0.8	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	50	46	o, c, bc	1.0	-	Margate, to 6 p.m. ...	47	44	f	0.0	0.01
Bettws-y-Coed, to 6 p.m. ...						Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m. ...	51	46	o	0.0	-	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	50	45	*	0.0	-	Skegness, to 6 p.m. ...	46	39	m, c	0.1	-
Plymouth, to 9 p.m. ...						Scarborough, to 6 p.m. ...	48	37		0.4	-
Torquay, to 6 p.m. ...	50	45	*	0.0	0.03	Harrogate, to 6 p.m. ...	48	43	bc, od, c, o	0.1	0.02
Weymouth, to 6 p.m. ...	50	46	c	0.0	-	Buxton, to 6 p.m. ...	49	43	ow, c, bc, ow	1.7	-
Bournemouth, to 6 p.m. ...	49	45	o	0.0	-	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...	49	43	*	0.0	0.02	Manchester, to 9 p.m. ...	51	45	o, op, om	0.0	0.01
Worthing, to 6 p.m. ...	48	42	o, f	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. 3rd Jan. 1909	TEMPERATURE F.		WEATHER	RAIN.	STATIONS. 3rd Jan. 1909	TEMPERATURE F.		WEATHER	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	Observations not received			Ins.	St. Petersburg ...				Ins.
Marseilles ...					Utrecht ...				
Malta ...					Groningen ...				
Algiers ...									
Tunis ...									
Palermo ...									
Naples ...									
Brindisi ...									
Florence ...									
Rome ...									
Vienna ...									

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

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

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

4th & 5th Jan. 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...		8.5	11.58	3.50
Greenwich ...		8.5	11.58	3.51
Wick ...		8.8	12.5	4.2
Valencia ...		8.7	12.5	4.3
		9.3	12.17	3.30
		9.2	12.17	3.32
		8.50	12.46	4.41
		8.50	12.46	4.42

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

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

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday
5th January 1909.

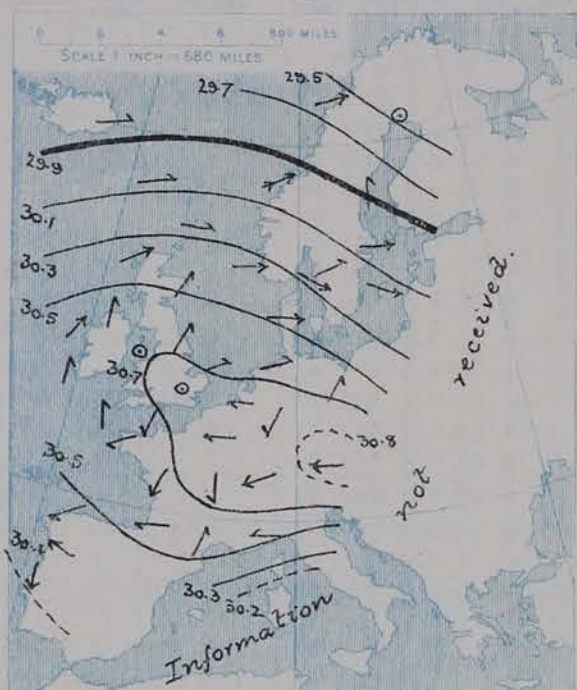
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.			Wind.						Temp.				
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sunshine.	Rainfall.
		Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.50	28	W	4	b	29.80	+33	28	28	+6	W	2	b	*	36	21	*	*	-	-
	Hernösand...	29.89	44	N	4	bc	30.18	+41	30	24	-8	SW	2	bc	*	45	37	*	*	-	-
	Stockholm...	30.10	37	W	4	bc	30.28	+27	37	34	0	WNW	4	o	*	39	36	*	*	-	-
	Wisby...	30.15	40	W	4	b	30.30	+19	39	37	-1	NW	4	b	*	41	36	*	*	-	-
	Karlstad...	30.20	42	2	0	c	30.35	+25	34	33	-4	2	0	bc	*	*	*	*	*	-	-
	Færder (X'ania Fjord)	30.25	42	WSW	4	c	30.33	+16	41	40	-1	SW	3	c	2	43	41	*	*	-	-
	Bodö...	29.79	35	WSW	6	c	30.04	+48	37	36	+3	W	4	bc	2	39	32	*	*	-	-
ICELAND & FAEROE.	Christiansund...	30.27	43	W	3	o	30.21	+26	45	44	-2	WSW	6	r	5	47	39	*	*	0.59	0.08
	Skudesnaes...	30.45	46	W	4	o	30.47	+17	42	42	-3	2	0	o	2	46	37	r.o	*	-	-
	Reykjavik...	29.84	30	SE	2	o	29.54	-24	31	*	-1	NW	5	o	*	*	*	*	*	*	*
	Blönduós...	29.88	29	SW	2	c	29.57	-16	30	*	-1	W	2	5	*	*	*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	29.94	32	2	0	c	29.42	-38	33	*	-2	NE	3	5	*	*	*	*	*	*	*
	Thorshavn...	30.17	44	2	0	r	29.99	-06	48	*	+3	SW	7	o	*	*	*	*	*	*	*
	Sumburgh Head	30.40	49	W	4	o	30.35	+13	47	44	-2	WSW	3	o	3	50	46	o	*	0.01	0.01
	Stornoway...	30.45	49	SW	5	c	30.32	-05	47	46	-4	SSW	7	cq	6	52	47	o, bc, cq	0.6	0.01	0.01
	Castlebay (Barra Id.)	30.50	49	SW	4	op	30.37	-09	48	46	-3	WSW	5	o	4	51	48	o, cm, op, o	1.5	0.01	0.01
	Malin Head...	30.56	46	SSW	3	og	30.42	-10	45	44	0	S	4	o	3	50	44	cqm, og	*	-	-
	Blacksod Pt. ...	30.55	49	S	4	bc	30.37	-18	48	45	-2	SW	4	bc	3	50	46	c, bc	*	-	-
	Valencia...	30.56	49	SSE	4	o	30.46	-15	47	45	-2	SSE	2	o	4	51	45	o, r	0.0	0.03	0.03
	Roche's Point...	30.62	50	S	4	o	30.51	-15	48	45	-2	S	4	o	4	52	48	o, bc, c, op, o	*	0.01	0.01
	Birr Castle...	30.60	47	S	3	o	30.49	-15	45	44	-2	S	2	o	*	50	42	o	0.0	-	-
	Donaghadee...	30.64	46	SW	1	o	30.55	-09	45	43	+3	SW	1	o	1	48	40	og	*	-	-
	Liverpool Obsy...	30.69	46	SSW	1	o	30.62	-06	42	39	-5	SSE	2	o	1	48	42	og	0.0	-	-
GERMANY, & C.	Holyhead...	30.66	48	WSW	1	om	30.59	-08	44	42	-3	SW	2	o	1	49	42	o, om	*	-	-
	Pembroke (St. Ann's Hd.)	30.64	49	SE	3	o	30.55	-11	45	41	-4	SSE	4	ov	3	50	42	o	0.0	-	-
	Scilly (St. Mary's)	30.61	50	E	3	o	30.51	-15	47	45	-2	E	4	o	3	51	46	o	0.0	-	-
	Jersey (St. Aubins)	30.65	43	ESE	4	b	30.61	-08	36	34	-11	SE	4	o	3	50	34	c, bc, m, b, o	4.5	-	-
	Portland Bill...	30.66	47	E	4	o	30.59	-09	43	42	-5	ESE	4	og	3	50	40	o	0.0	-	-
	Dungeness...	30.70	45	E	1	c	30.65	-08	36	35	-10	SE	3	o	2	46	34	c	0.0	-	-
	Dover...	30.74	42	NW	1	o	30.69	-02	38	37	-6	SE	1	b	0	46	37	o, b	0.0	-	-
	Wick...	30.47	46	W	2	bc	30.36	-01	41	39	-11	W	1	b	1	56	39	-	*	-	-
	Nairn...	30.51	49	SW	1	c	30.41	-01	43	40	-7	W	1	b	1	52	39	c, b, bc	3.0	-	-
	Aberdeen...	30.55	41	SW	1	b	30.45	-02	31	31	-16	WSW	1	b	2	51	29	b, b, b, m, x	4.9	-	-
	Leith...	30.59	48	W	1	c	30.51	-02	47	44	-2	WSW	2	o	*	51	46	c, bc, c	*	-	-
	North Shields	30.63	47	WSW	2	c	30.57	-01	44	42	+1	SSW	2	c	2	52	40	b, c	*	-	-
FRANCE.	Spurn Head...	30.68	45	WSW	2	o	30.65	00	40	40	-1	SSW	2	o	2	46	42	om	*	-	-
	Yarmouth...	30.73	47	WNW	1	om	30.69	-01	41	41	-2	NE	1	c	2	50	41	o, cm	0.0	-	-
	Clacton-on-Sea...	30.73	42	WNW	1	m	30.68	-04	41	40	-1	ESE	1	o	0	43	40	of, m, og	0.0	-	-
	Nottingham...	30.71	46	WSW	1	o	30.66	-04	43	41	+1	SSW	1	o	*	46	41	om, o	0.0	-	-
	Bath...	30.70	47	NE	1	o	30.61	-10	39	37	-5	E	1	b	*	47	37	-	0.0	-	-
	Oxford...	30.73	45	2	0	o	30.65	-10	40	37	-4	ESE	1	b	*	45	40	f, g, om, c, b	*	-	-
	London (St. James's Pk)	30.71	45	2	0	o	30.64	-06	42	39	-1	ESE	1	b	*	46	41	ogm, o, b	0.0	-	-
	The Scaw (Skagen)	30.33	45	WNW	5	b	30.40	+12	44	43	+1	WNW	4	b	1	45	41	*	*	-	-
	Fanö...	30.57	39	W	4	bc	30.59	+06	37	37	-3	W	4	f	*	41	36	*	*	-	-
	Cuxhaven†...	30.64	38	W	2	m	30.64	+02	38	38	+1	W	2	o	*	39	36	*	*	-	-
	The Helder...	30.72	41	W	2	o	30.69	00	41	40	0	SW	1	c	0	43	37	*	*	-	-
	Brussels...	*	*	*	*	*	30.73	-03	25	25	-10	2	0	f	*	48	24	*	*	-	-
SPANISH PENIN.	Berlin†...	30.58	39	W	2	o	30.56	-08	41	42	+3	W	3	o	*	41	37	*	*	-	-
	Frankfurt†...	30.78	31	N	1	f	30.75	-03	31	31	-1	SW	1	f	*	32	30	*	*	-	-
	Munich†...	30.83	20	NE	4	f	30.82	-01	19	100	0	SE	1	f	*	21	16	*	*	-	-
	C. Gris Nez...	30.70	42	2	0	o	30.62	-07	28	28	-14	ESE	2	f	2	45	28	*	*	-	-
	La Hève...	30.72	37	ENE	2	m	30.64	-09	28	28	-8	ESE	3	m	2	41	27	*	*	0.04	0.04
	Brest...	30.60	45	ESE	3	b	30.56	-12	40	39	-4	ESE	3	o	2	45	37	*	*	-	-
	Lorient...	30.55	39	E	4	b	30.57	-04	33	33	-13	ENE	3	o	2	48	32	*	*	-	-
	Rochefort...	30.58	36	E	1	b	30.60	-01	29	28	-7	E	3	b	*	46	26	b	*	-	-
	Biarritz...	30.44	37	E	4	b	30.52	+01	47	39	+13	2	0	b	2	47	32	*	*	-	-
	Paris...	30.73	31	ESE	2	o	30.69	-05	28	27	-2	SE	2	o	*	34	28	*	*	-	-
	Belfort...	30.70	22	ENE	5	f	30.69	-08	21	21	+5	ENE	5	f	*	23	23	*	*	-	-
	Lyons...	30.75	26	N	1	m	30.73	-01	23	23	-2	2	0	f	*	29	23	*	*	-	-
SPANISH PENIN.	Nice...	30.58	42	2	0	b	30.50	-04	40	34	-1	2	0	b	2	52	39	*	*	-	-
	Perpignan...	30.60	37	2	0	b	30.56	-03	32	31	+2	SW	1	b	*	46	30	*	*	-	-
	Sanguinaire...	30.31	50	E	2	m	30.28	+08	46	44	0	E	2	b	2	54	43	*	*	-	-
SPANISH PENIN.	Corunna...																				
	Lisbon...																				
	Azores (P. Delgada)...																				
SPANISH PENIN.	„ Horta...	30.10	58	2	0	r	30.10	+03	58	57	-3	NE	3	r	3	64	57	*	*	0.85	0.85

SUPPLEMENTARY CHARTS

OF BAROMETER AND WIND

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

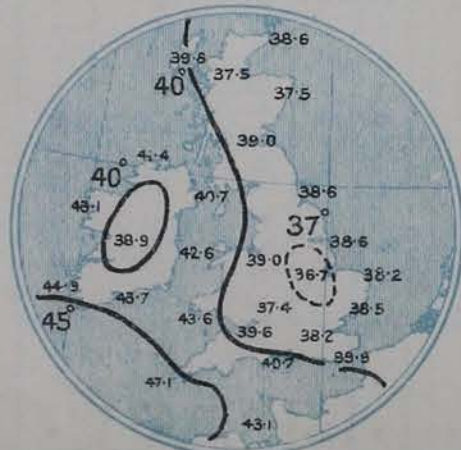
7 A.M. YESTERDAY



6 P.M. YESTERDAY



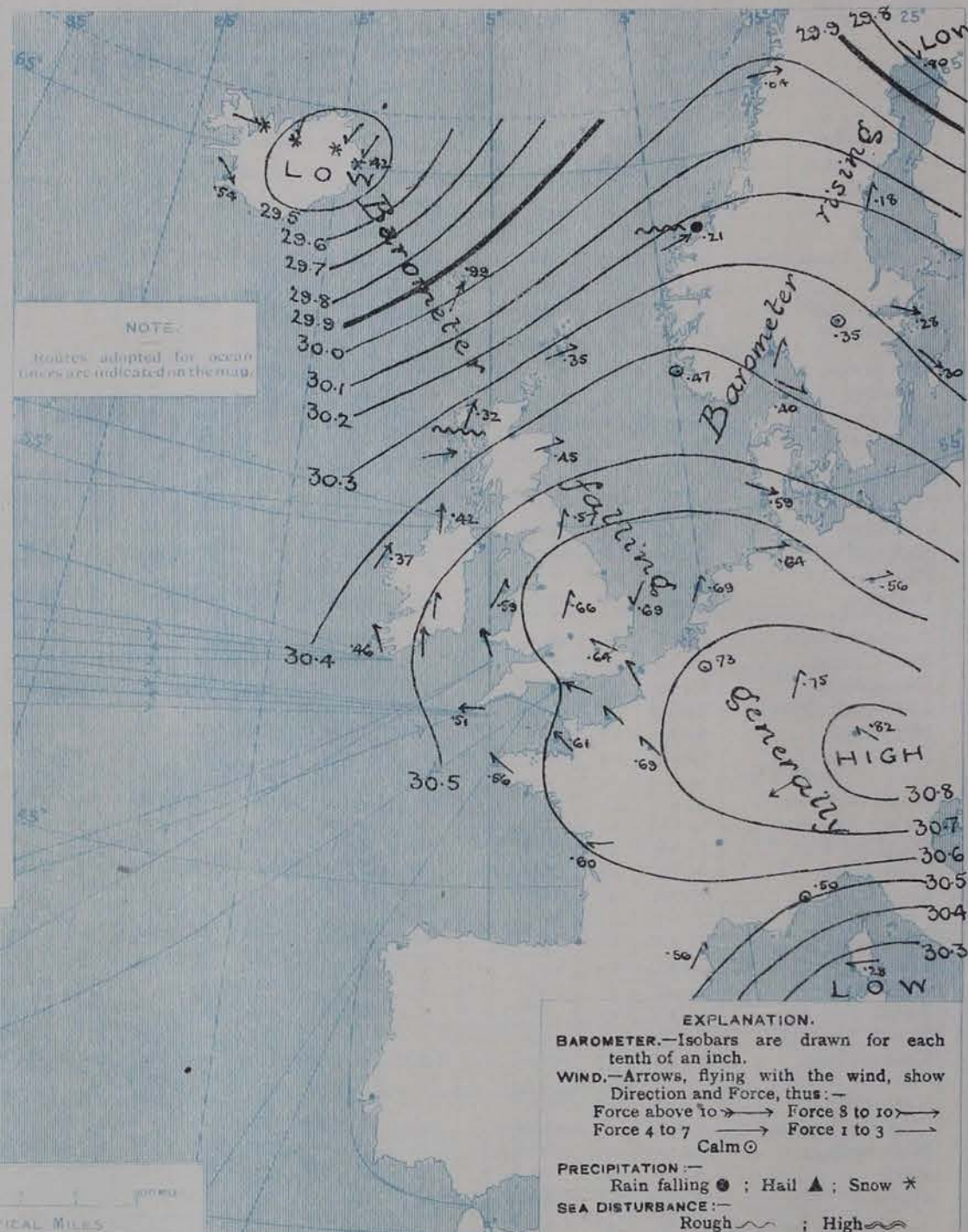
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Tuesday,

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

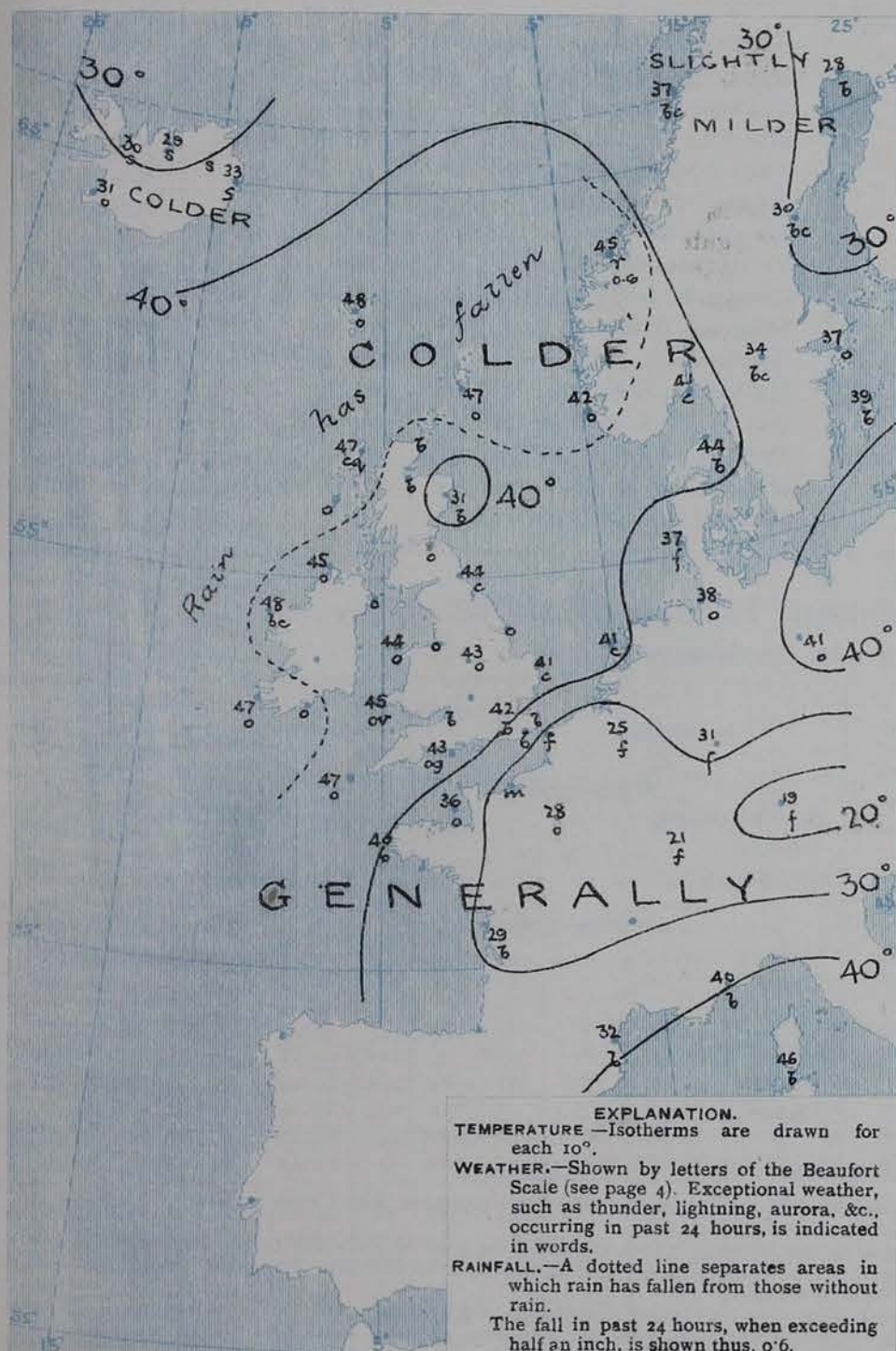
A large anticyclone continues to stretch from the centre of Europe over the greater part of the United Kingdom, and the barometer is above 30.8 in. in Bavaria, and above 30.5 in. over the whole of England and the nearer parts of Ireland and Scotland. The lowest pressure is found in Iceland, where the mercury is below 29.5 in.

The wind has shifted to the E. over all the southern districts of England, but continues between S. and W. in the west and north of these Islands, and also over Norway and the Icelandic region. It has very little force generally, but is high both at Stornoway, and Thorshavn. Temperature has fallen generally. Over the United Kingdom it ranges from 47° or 48° at some stations on the extreme west and northwest coasts to 36° at Dungeness, and to 31° at Aberdeen. The weather has cleared somewhat in many parts of this country and at some places on the Continent, but a good deal of cloud still prevails in various localities, and fog is reported from South Germany, Brussels, Cape Gris Nez and the coast of Jutland. Snow is very general in Iceland.

CHARTS

5th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 56° at Wick, and to above 50° at some other northern stations, while over the Kingdom generally the temperature was above 45°. Slight frost was experienced during the night at Aberdeen. Rain has fallen on the west coast of Norway, and some slight showers in the extreme west and northwest of this country, but generally the weather has been dry. A considerable amount of bright sunshine was recorded at Jersey, Scarborough, and on the east coast of Scotland, very little or none elsewhere.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The central part of the Continental anticyclone seems likely to take up a position further to the north towards the Baltic. E. winds, with a tendency to increase in force, are probable over the southern districts of England, but in the north and northwest of the Kingdom the main current of air will continue from between S. and S.W. for the present.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 { S.W. winds, fresh or strong; cloudy or dull, some rain; mild.
- 1 { S. or S.W. winds, light; fair generally; moderate temperature
- 2 { S.E. or S. winds, light; fair generally, some mist; colder.
- 3 { Wind mainly E. light to moderate;
- 4 { mostly fair, some mist; air colder and drier; slight frost inland at night.
- 5 {
- 6 { S. winds, light or moderate; mostly fair, some rain locally; rather mild.
- 7 { Light or moderate winds between S.E. and S.W.; fair generally; drier and colder air.
- 8 { E. winds, moderate to fresh or strong; mostly fair, dull and misty at times; colder
- 9 { S. or S.E. winds, light to fresh; fair generally, some rain locally; moderate temperature.
- 10 { S. or S.E. winds, light to fresh; mostly fair; moderate temperature.

II WESTERN CHANNEL AND BAY.

E. and S.E. winds, moderate to fresh or strong; some mist, otherwise fair; sea slight to moderate or rather rough.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

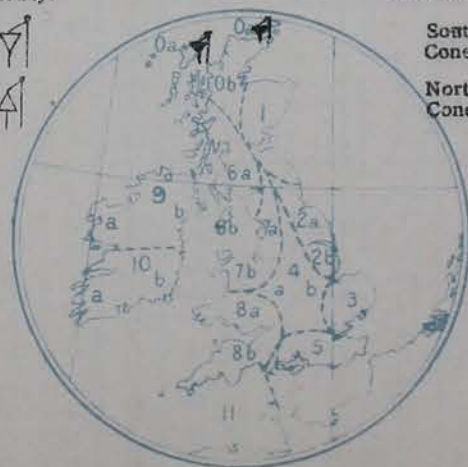
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



DAILY WEATHER REPORT.

Tuesday, 5th January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	51	47	c. o. g. o.	Hrs.	Ins.	Brighton, to 6 p.m. ...	46	44	*	Hrs.	Ins.
Rossall Beach, to 6 p.m....	45	42	om	*	0.01	Eastbourne, to 6 p.m. ...	47	43	*	0.0	-
Blackpool, to 9 p.m. ...	48	44	o	0.0	-	Bexhill-on-Sea, to 9 p.m.	47	44	b. c.	0.0	-
Southport, to 9 p.m. ...	48	45	om, o	0.0	-	Hastings	*	*	*	0.0	*
Rhyl, to 6 p.m.	49	44	*	0.0	-	Folkestone, to 6 p.m. ...	46	41	o	0.0	-
Colwyn Bay, to 6 p.m. ...	49	46	o	0.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	48	45	c. b. m. o.	0.0	-	Margate, to 6 p.m. ...	45	42	m	0.0	-
Bettws-y-Coed, to 6 p.m.	47	45	c. o.	0.0	*	Felixstowe, to 6 p.m. ...	44	40	*	0.0	-
Towyn, to 6 p.m.	49	46	o	0.0	-	Lowestoft, to 6 p.m. ...	49	43	o. c.	0.0	-
Aberystwyth, to 6 p.m. ...	51	46	*	0.0	-	Skegness, to 6 p.m.	46	43	o	0.0	-
Plymouth, to 9 p.m. ...	51	40	o. sv	0.0	0.03	Scarborough, to 9 p.m. ...	50	44	c. b. c.	4.9	-
Torquay, to 6 p.m.	49	45	*	0.0	0.01	Harrogate, to 6 p.m. ...	48	43	o. c. o.	0.0	-
Weymouth, to 6 p.m. ...	48	45	o. c.	0.0	-	Buxton, to 6 p.m.	47	41	o. od. c. o.	0.0	-
Bournemouth to 6 p.m. ...	47	43	o	0.0	-	Darwen, to 9 p.m.	46	42	ou. o. g.	0.0	-
Southsea, to 6 p.m.	48	43	*	0.0	-	Manchester, to 9 p.m. ...	48	43	o	0.0	-
Worthing, to 6 p.m. ...	45	43	f. o.	0.0	-	Birmingham, to 9 p.m. ...	46	43	o	0.0	-

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

STATIONS. <i>4th January, 1909</i>	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. <i>4th January, 1909</i>	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira	o	o	<i>Observations not received.</i>	Ins.	St. Petersburg	o	o	<i>Observations not received.</i>	Ins.
Marseilles				Utrecht					
Malta				Groningen					
Algiers				<i>... 3rd January, 1909.</i>					
Tunis					Geneva	1.30 p.m.	*	1.30 p.m.	Measured
Palermo					Berne		*	<i>Observations</i>	7.30 a.m.
Naples					Caire		*	<i>not</i>	
Brindisi					Castasegna		*	<i>received.</i>	
Florence					Lugano		*		
Rome					Davos		*		
Vienna									

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	5 & 6 January 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	Lat.	Long.		Direc.	Force.		Air.		Sea.					
							Dry Bulb.	Wet Bulb.						
	°	°	Ins.				°	°	°					
											Yarmouth	8.5	11.58	3.51
												8.5	11.59	3.52
											Greenwich	8.7	12.5	4.3
												8.6	12.6	4.5
											Wick	9.2	12.17	3.32
												9.1	12.18	3.34
											Valencia	8.50	12.46	4.42
												8.50	12.47	4.43
TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.														
METEOROLOGICAL OFFICE, 68, VICTORIA STREET, S.W. W. N. SHAW, (Director.)														

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

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

W. N. SHAW, (Director.)

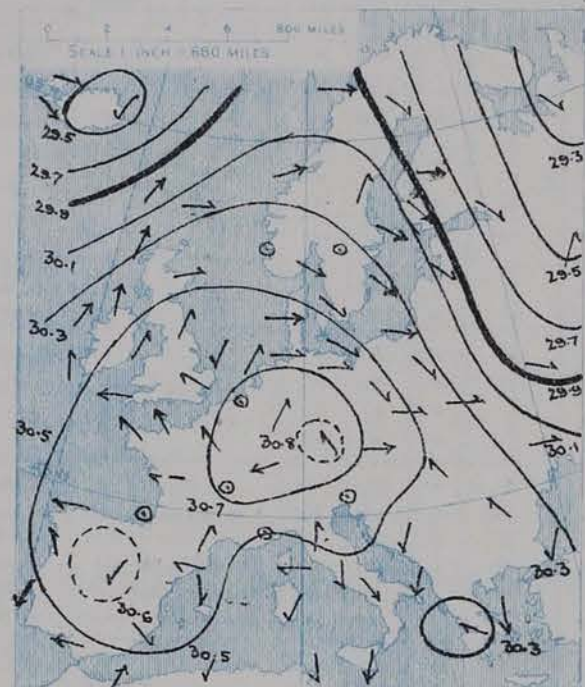
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
6th January 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
				At 32° Fahr. and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dir.	Force (0 to 12).				Max.	Min.
SCANDINAVIA.		Ins.	"				Ins.	Ins.	"	"	"				"	"		Hours.	Ins.		
	Haparanda...	29.98	24	NW	2	bc	29.88	+0.08	22	22	-6	S	2	0	*	28	19	*	*		
	Hernösand...	30.13	33	Z	0	0	29.95	-0.23	26	26	-4	Z	0	0	*	40	28	*	*		
	Stockholm...	30.22	35	W	2	bc	30.06	-0.22	31	31	-6	WSW	2	f	*	39	31	*	*		
	Wisby...	30.22	35	WSW	2	bc	30.15	-0.15	33	36	-1	WNW	4	0	*	41	32	*	*		
	Karlstad...	30.28	28	N	2	bc	30.08	-0.27	33	32	-1	SW	2	bc	*	*	*	*			
	Færder (X'ania Fjord)	30.28	39	W	2	bc	30.10	-0.23	39	38	-2	W	4	m	3	41	37	*	*		
	Bodö...	29.95	34	E	4	c	29.60	-0.44	41	39	+4	SW	6	r	4	41	32	*	*		
	Christiansund...	30.10	48	W	3	c	30.06	-0.15	42	38	-3	WNW	6	c	6	48	37	*	*		
	Skudesnaes...	30.29	43	W	2	0	30.21	-0.26	41	40	-1	NW	4	r	2	43	39	0	0.08		
ICELAND & FAEROE.																					
	Reykjavik...	29.80	31	W	3	c	29.78	-0.26	26	*	-5	Z	0	s	*	*	*	*	*		
	Blönduós...	29.79	26	W	2	bc	29.26	-0.31	24	*	-6	SW	3	bc	*	*	*	*	*		
	Seydisfjord...	29.53	33	SW	4	s	29.29	-0.13	40	*	+7	S	2	r	*	*	*	*	*		
	Thorshavn...	29.70	48	SW	8	0	30.04	+0.05	41	*	-7	SW	4	c	*	*	*	*	*		
BRITISH ISLANDS.																					
	Sumburgh Head	30.16	44	WSW	1	0	30.27	-0.08	42	41	-5	W	2	0	3	47	40	c, o	0.08		
	Stornoway...	30.18	46	SSW	6	0	30.35	+0.03	37	34	-10	SW	4	bc	4	48	35	c, o, p, o, bc	0.2		
	Castlebay (Barra Id.)	30.26	46	W	4	r	30.40	+0.03	42	40	-6	NW	2	c	3	50	40	o, o, r, c	0.0		
	Malin Head...	30.29	45	SW	5	cm	30.42	+0.00	44	44	-1	NW	3	bc	2	46	43	gm, sm, bc	0.12		
	Blacksod Pt.	30.38	46	W	3	r	30.53	+0.16	39	36	-9	WNW	3	bc	2	50	37	bc, cm, bc	0.32		
	Valencia...	30.43	48	SSE	2	om	30.57	+0.11	46	41	-1	N	4	bc	4	50	44	c, o, c, bc	0.18		
	Roche's Point...	30.48	47	SW	3	0	30.50	-0.01	44	43	-4	NNW	5	bc	3	51	44	o, o, r, bc	0.20		
	Birr Castle...	30.43	45	S	3	0	30.51	+0.02	37	36	-8	Z	0	bc	*	46	35	o, r	0.17		
	Donaghadee...	30.45	45	S	3	c	30.44	-0.11	46	43	0	NW	3	c	2	46	41	bc, c, r, c, p	0.10		
	Liverpool Obsy...	30.64	40	SSW	1	0	30.43	-0.19	40	38	-2	SSE	1	0	0	43	38	* o, o, od	0.01		
	Holyhead...	30.51	43	S	3	om	30.42	-0.17	45	44	+1	W	1	p	1	45	41	om	0.02		
	Pembroke (St. Ann's Hd.)	30.50	46	SSE	3	0	30.44	-0.11	44	43	-1	NE	2	odp	2	47	41	o, o, g	0.04		
	Scilly (St. Mary's)	30.45	49	SSW	4	0	30.46	-0.05	47	44	0	NW	3	c	3	50	46	c, o	0.5		
	Jersey (St. Aubins)	30.62	37	SSE	2	0	30.56	-0.05	39	38	+2	SSE	3	0	3	41	33	ogm	0.0		
	Portland Bill...	30.56	42	S	1	bc	30.47	-0.12	47	47	+4	SSW	4	dp	2	47	40	o, bc	0.01		
	Dungeness...	30.59	37	SSW	3	0	30.50	-0.15	37	35	+1	W	2	0	1	37	33	c	0.0		
	Dover...	30.61	35	S	1	0	30.53	-0.16	35	34	-3	WSW	1	0	0	38	32	bc, o	0.0		
	Wick...	30.20	42	SW	3	bc	30.33	-0.03	35	33	-6	W	1	bc	1	45	32	-	*		
	Nairn...	30.24	46	W	3	bc	30.38	-0.03	37	36	-6	W	1	c	1	48	35	bc, bc, bc	2.2		
	Aberdeen...	30.33	42	SSW	2	bc	30.37	-0.08	38	37	+7	W	2	bc	2	44	30	bc, bc, c, o	2.2		
	Leith...	30.38	45	SW	2	0	30.37	-0.14	43	42	-4	E	1	r	*	47	43	o, o, r	0.16		
	North Shields	30.48	42	SSW	3	c	30.36	-0.21	41	40	-3	WSW	1	0	2	45	39	o, c	*		
	Spurn Head...	30.53	41	SSE	2	bc	30.39	-0.26	38	37	-5	WSW	3	0	2	43	34	bc, bc, om	*		
	Yarmouth...	30.60	37	SSW	3	bc	30.44	-0.25	35	35	-6	SW	2	bc	2	44	33	cm	1.3		
	Clacton-on-Sea...	30.61	35	S	3	c	30.49	-0.19	37	36	-4	W	2	0	2	42	34	og, bc, c, o	2.3		
	Nottingham...	30.59	34	SW	2	0	30.44	-0.22	36	35	-7	W	1	0	*	45	32	c, bc, o	1.8		
	Bath...	30.57	40	E	1	0	30.46	-0.15	39	36	0	W	1	0	*	41	31	-	0.01		
	Oxford...	30.60	37	SW	2	0	30.48	-0.17	40	39	0	WSW	2	0	*	40	33	o	*		
	London (St. James's Pl)	30.59	37	SE	1	0	30.47	-0.17	38	37	-4	SW	1	bc	*	42	36	bc, o, og	0.0		
GERMANY, & C.																					
	The Scaw (Skagen)	30.34	42	WNW	6	bc	30.20	-0.20	43	40	-1	W	5	0	1	46	41	*	*		
	Fanö...	30.54	39	W	2	c	30.39	-0.20	37	37	0	WSW	2	c	*	41	37	*	*		
	Cuxhaven†...	30.63	38	W	2	0	30.46	-0.18	36	36	-2	SW	1	0	*	41	36	*	*		
	The Helder...	30.63	34	S	1	m	30.45	-0.24	32	32	-9	S	2	0	2	43	32	*	*		
	Brussels...	*	*	*	*	*	30.54	-0.19	27	27	+2	SW	1	r	*	40	23	*	*		
	Berlin†...	30.59	42	W	2	0	30.50	-0.06	39	40	-2	W	2	0	*	43	37	*	*		
	Frankfurt†...	30.67	32	NW	1	bc	30.57	-0.18	29	28	-2	SW	1	f	*	34	25	*	*		
	Munich†...	30.70	28	E	3	f	30.60	-0.22	22	100	+3	S	1	f	*	28	18	*	*		
FRANCE.																					
	C. Gris Nez...	30.61	30	SSE	2	0	30.49	-0.13	38	37	+10	NW	1	0	1	?	28	*	*		
	La Hève...	30.62	28	E	1	m	30.56	-0.08	32	28	+4	SE	2	f	1	37	28	*	*		
	Brest...	30.58	46	SE	4	0	30.58	+0.02	48	46	+8	WNW	2	bc	2	48	40	*	*		
	Lorient...	30.54	39	E	3	0	30.54	-0.03	40	40	+7	ESE	3	f	2	40	33	*	*		
	Rochefort...	30.61	35	NE	2	bc	30.61	+0.01	28	28	-1	Z	0	m	*	41	27	bc	*		
	Biarritz...	30.58	49	Z	0	bc	30.57	+0.05	43	42	+7	Z	0	0	2	55	36	*	*		
	Paris...	30.65	27	SSE	1	0	30.60	-0.09	24	24	-4	SW	1	0	*	30	23	*	*		
	Belfort...	30.65	18	ESE	4	m	30.57	-0.12	24	24	+3	Z	0	f	*	24	18	*	*		
	Lyons...	30.69	22	N	1	f	30.66	-0.07	19	19	-4	N	1	f	*	24	18	*	0.24		
	Nice...	30.46	43	Z	0	bc	30.41	-0.09	39	34	-1	E	2	bc	2	52	37	*	*		
	Perpignan...	30.50	40	SE	1	bc	30.44	-0.12	48	37	+16	W	3	bc	*	55	32	*	*		
	Sanguinaire...	30.28	48	NE	1	bc	30.24	-0.04	46	46	0	E	2	m	2	54	45	*	*		
SPANISH PENIN.																					
	Corunna...																				
	Lisbon...	30.50	47	NNE	4	bc	?	?	42	40	0	NNE	4	bc	*	55	41	*	*		
	Azores (P. Delgada)...																				
	„ Horta...	30.02	60	NE	6	0	30.03	-0.07	61	58	+3	E	2	0	4	61	58	*	1.14		

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

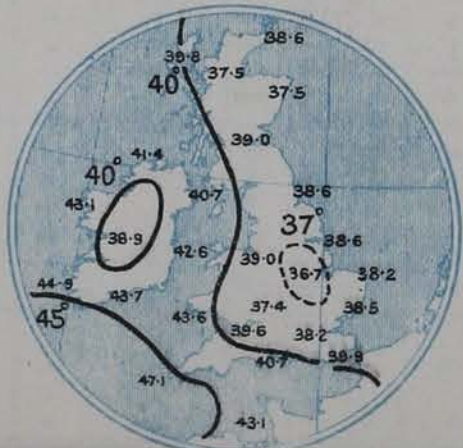
7 A.M. YESTERDAY



6 P.M. YESTERDAY



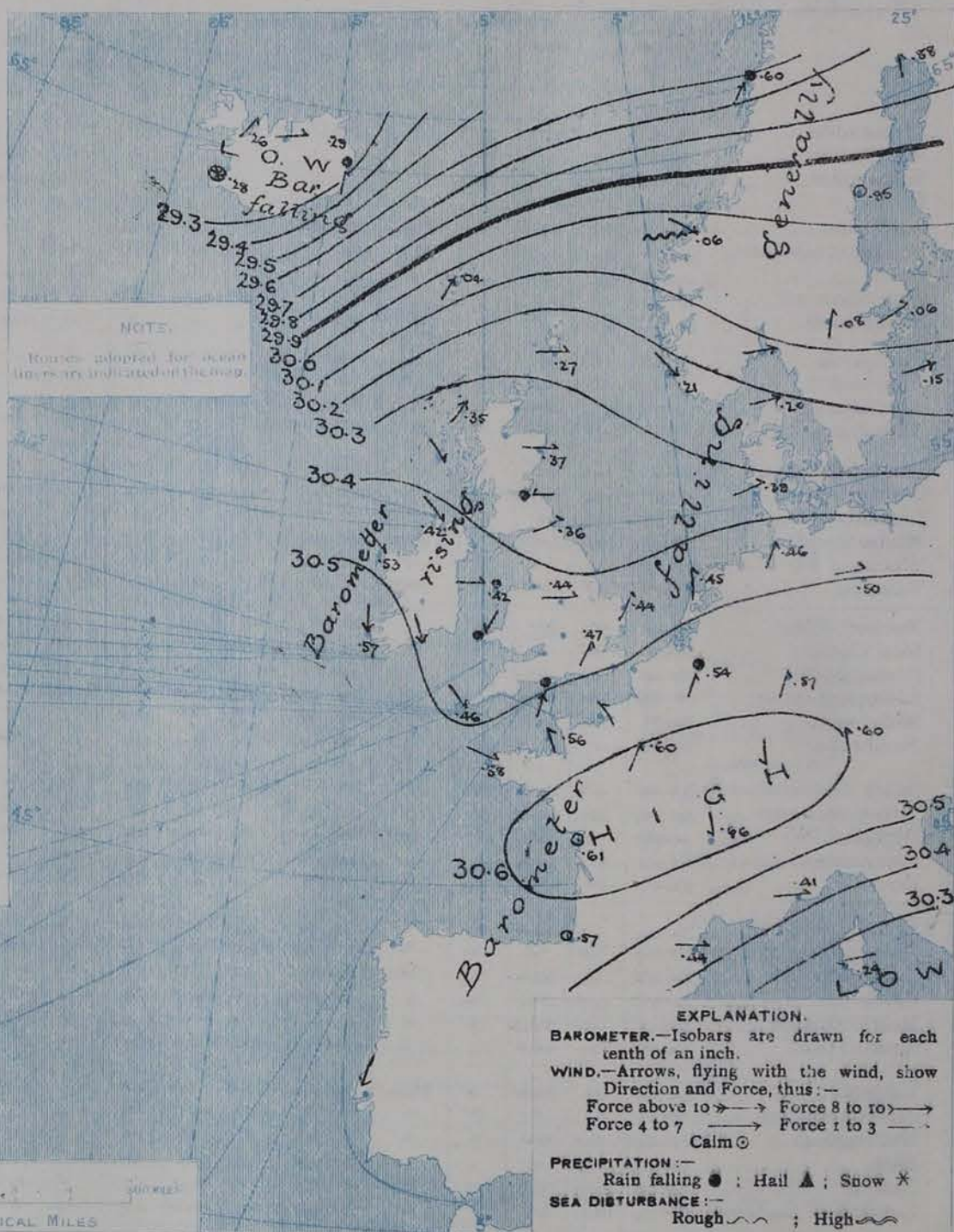
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Wednesday

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

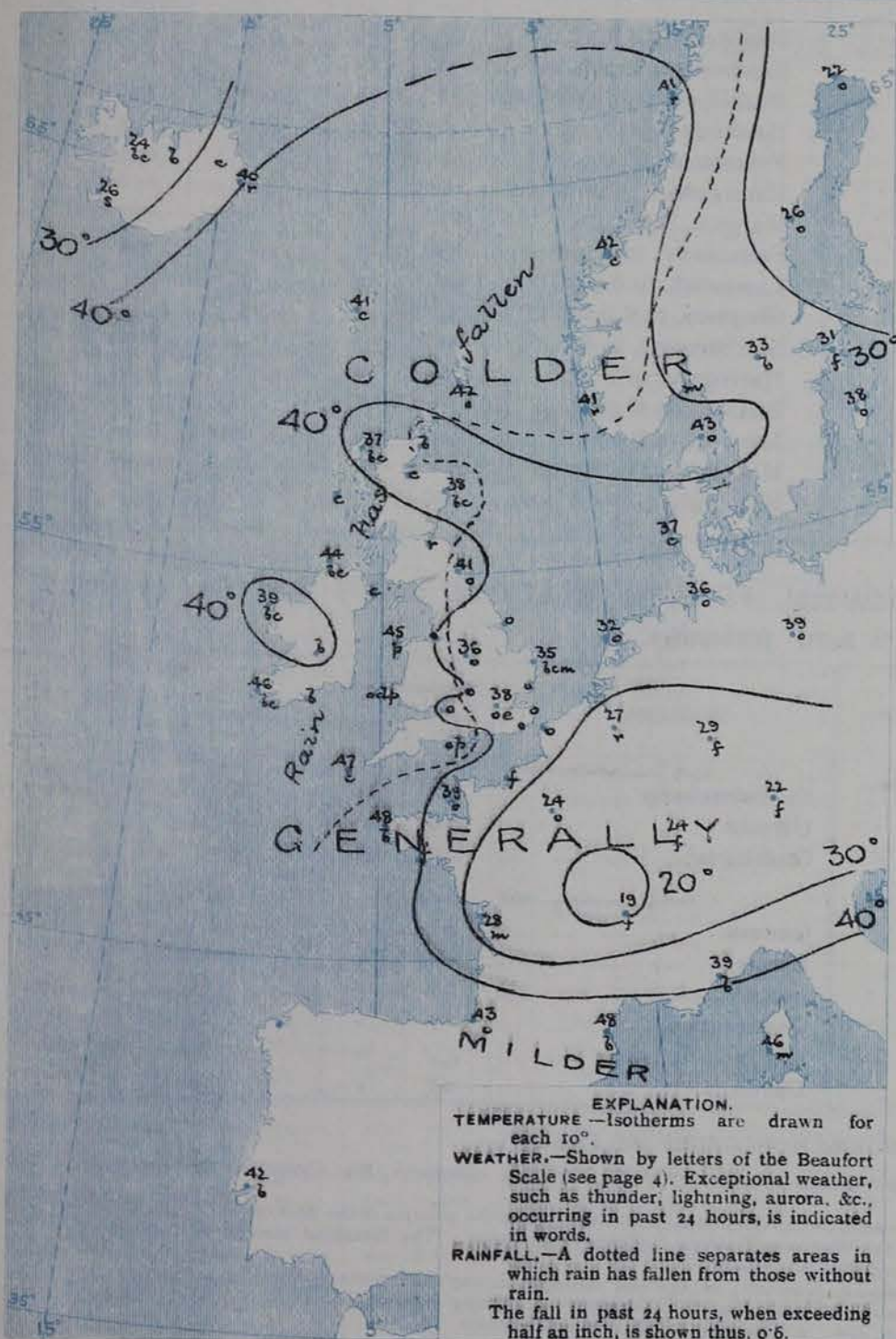
The Continental anticyclone has given way somewhat, and the barometer is now highest, 30.6 ins. and above, over the central parts of France and in South Germany, and is apparently nearly as high in another anticyclone or anticyclonic ridge to the south-westward of Ireland. A shallow secondary disturbance is lying over the south-west of England, and a large depression is spreading over the Icelandic region.

The wind is light from the westward over most of Great Britain, but in Ireland it has veered to north-west. Moderate to strong breezes from some westerly point are general over Scandinavia and moderate breezes from south-west in the North and at Thorshavn. Temperature has fallen in most places, but is not low for the time of year in this country. The readings range from about 46° in the extreme south-west to 35° or 36° at some stations in the north-east and south-east. The sky is very cloudy at nearly all stations in Great Britain and also over the major portion of the Continent; showers are falling in some parts of this country, and rain at Bordeaux. In Ireland, however, the weather is fair to fine and bright, and a clear sky is also reported from Brest and the South of France. Fog prevails in Southern Germany and Eastern France.

CHARTS

6th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to about 50° on various parts of our most Western and South-Western coasts, but remained below 40° at some stations in the south-east. Frost prevailed throughout the day in South Germany and the east of France. Rain, generally slight, has fallen in most Western and northern localities, and except at Loughay and along the east coast of Great Britain the day was almost sunless. at Belmestere the sunshine record was 3.8 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The shallow depression lying over the South-west of England is likely to move eastwards and to cause some showers in many places during today, while a fresh fall of the barometer, which has commenced in Ireland will probably extend to the northern parts of this country.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 { S.W. to W. winds, strong, at times; some rain and much cloud; moderate temperature.
- 1 { W. and S.W. winds, light or moderate; changeable, some rain; moderate temperature.
- 2 { }
- 3 { Light winds between S.W. and N.W.; much cloud and some slight showers, then fairer; temperature about normal.
- 4 { }
- 5 { }
- 6 { W. to N.W. winds, light or moderate; some showers; moderate temperature.
- 7 { W. to N.W. winds, light or moderate; some showers, then fair; moderate temperature.
- 8 { }
- 9 { N.W. to W. or S.W. winds, light or moderate; mostly fair, cloudy at times; moderate temperature.
- 10 { }

11. WESTERN CHANNEL AND BAY.

Light or moderate N.W. and W. winds; sea slight or smooth; fair generally, some mist.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

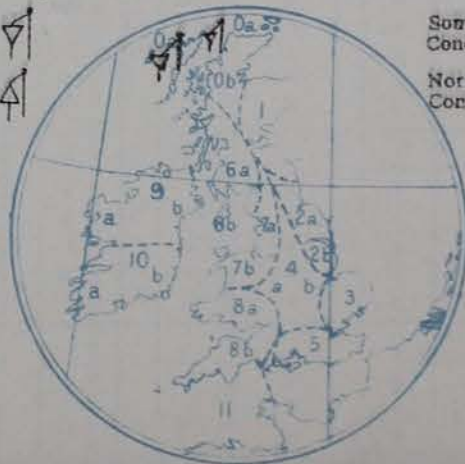
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



6th January, 1909.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	49	46	0	Hrs.	Ins.	Brighton, to 6 p.m. ...	38	37	*	Hrs.	Ins.
Rossall Beach, to 6 p.m....				*	-	Eastbourne, to 6 p.m. ...	45	36	*	0.0	-
Blackpool, to 9 p.m. ...	45	40	0	0.0	-	Bexhill-on-Sea, to 9 p.m.	45	37	g. c	0.0	-
Southport, to 9 p.m. ...	45	39	0. c, 0	0.0	-	Hastings	*	*	*	0.0	*
Rhyl, to 6 p.m.	44	39	*	0.2	-	Folkestone, to 6 p.m. ...	45	34	c. 0	0.0	-
Colwyn Bay, to 6 p.m. ...	43	34.2	0. bc	0.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	44	40	0	0.1	-	Margate, to 6 p.m.	37	35	m	0.0	-
Bettws-y-Coed, to 6 p.m.	47	41	c	0.0	*	Felixstowe, to 6 p.m. ...	42	35		3.8	-
Towyn, to 6 p.m.						Lowestoft, to 6 p.m. ...	45	38	0. c, bc, c	1.1	-
Aberystwyth, to 6 p.m....	46	40	*	0.0	-	Skegness, to 6 p.m....	44	38	0. b	0.2	-
Plymouth, to 9 p.m. ...	47	41	0. c, b, ov	1.5	-	Scarborough, to 9 p.m. ...	47	41	0	0.0	-
Torquay, to 6 p.m....	46	41	*	1.0	-	Harrogate, to 6 p.m. ...	48	38	0. c, bc, c	0.0	-
Weymouth, to 6 p.m. ...	42	41	om	0.0	-	Buxton, to 6 p.m.	43	39	0. bc	1.8	-
Bournemouth to 6 p.m. ...	41	34.0		0.0	-	Darwen, to 9 p.m.	44	34	0. c, b, bc	0.0	-
Southsea, to 6 p.m....	41	37	*	0.0	-	Manchester, to 9 p.m. ...	46	37	0. bc	0.0	-
Worthing, to 6 p.m. ...	39	37	0	0.0	-	Birmingham, to 9 p.m....	45	35	c	3.5	-

STATIONS. 5th January...1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 5th January...1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira	64	50	6, bc	Ins.	St. Petersburg	36	30	6, c	Ins.
Marseilles	54	30	6, 6	-	Utrecht	39	36	m, f	-
Malta	53	50	6	-	Groningen	39	36	3, 0	-
Algiers	61	46	0, bc	-					
Tunis					4th January...1909.	1.30 p.m.		1.30 p.m.	Measured
Palermo					Geneva	27	*	0	7.30 a.m.
Naples	48	39	0, bc	-	Berne	21	*	0	-
Brindisi	51	34	6, 6	-	Coire	19	*	6	-
Florence	48	29	6, 6	-	Castasegna... ..	32	*	6	-
Rome	51	32	0, 6	-	Lugano	41	*	2	-
Vienna	43	34	0, r	-	Davos... ..	25	*	6	-

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

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

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

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

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

6th Jan., 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8. 5 8. 4	11. 59 11. 59	3. 52 3. 54
Greenwich	8. 6 8. 6	12. 6 12. 6	4. 5 4. 6
Wick	9. 1 9. 0	12. 18 12. 18	3. 34 3. 36
Valencia	8. 50 8. 49	12. 47 12. 47	4. 43 4. 44

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

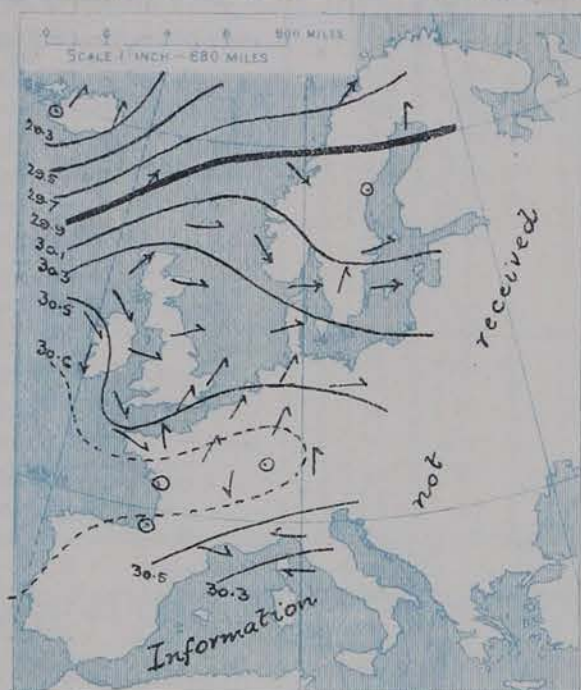
Thursday
7th January, 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.			Wind.						Temp.				
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sunshine.	Rainfall.
		Ins.					Ins.	Ins.												Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.62	27	N	2	b	29.59	-0.29	6	6	-16	Z	0	f	*		32	26	*	*	0.08
	Hernösand...	29.91	25	Z	6	b	29.60	-0.35	12	12	-14	NW	2	b	*		39	212	*	*	-
	Stockholm...	29.91	30	NW	2	b	29.67	-0.39	27	27	-4	SW	2	f	*		36	27	*	*	-
	Wisby...	29.91	36	NW	4	c	29.71	-0.44	26	24	-2	W	4	o	*		39	32	*	*	-
	Karlstad...	30.00	29	Z	0	bc	29.62	-0.46	33	32	0	WSW	4	o	*		*	*	*	*	-
	Färder (X'ania Fjord)	29.97	35	NNE	2	b	29.55	-0.53	37	36	-2	SSW	3	o	*		39	36	*	*	-
	Bodö...	29.70	36	SW	4	c	29.35	-0.25	35	33	-6	E	4	c	2		41	32	*	*	-
ICELAND & FAEROE.	Christiansund...	29.84	39	Z	0	bc	29.29	-0.77	35	35	-7	WSW	4	o	4		45	32	*	*	-
	Skudesnaes...	30.03	41	SSW	4	o	29.50	-0.71	38	36	-3	W	5	r	5		43	35	o	*	0.24
	Reykjavik...	29.34	30	W	7	o	29.78	+0.50	24	*	-2	NNW	1	b	*		*	*	*	*	*
	Blönduos...	29.37	24	SW	3	s	29.83	+0.57	27	*	+3	N	3	s	*		*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	29.24	39	SW	5	b	29.41	-0.12	22	*	-18	?WNW	9	?r	*		*	*	*	*	*
	Thorshavn...	29.48	34	WSW	5	r	29.47	-0.57	33	*	-8	NW	2	c	*		*	*	*	*	*
	Sumburgh Head	29.46	41	WSW	4	o	29.45	+0.82	39	35	-3	W	9	c	7		42	35	o, r	*	0.35
	Stornoway...	29.40	37	W	6	ry															
	Castlebay (Barra Id.)	30.07	40	W	7	oclp	29.97	-0.43	43	42	+1	WNW	7	ogp	6		48	39	c, o, p, cl, b, q	1.9	0.14
	Malin Head...	30.14	44	SW	6	omfag	30.09	-0.33	44	44	0	W	7	bcq	5		47	43	bc, c, p, q, bc	*	0.04
	Blacksod Pt.	30.34	46	SW	6	bcq	30.34	-0.19	46	43	+7	WNW	6	opq	5		48	39	bc, bcq	*	0.02
	Valencia...	30.59	47	W	4	o	30.54	-0.03	47	42	+1	W	5	bc	4		49	42	c, cv	1.3	0.05
	Roche's Point...	30.58	43	NW	2	bc	30.57	+0.01	43	41	-1	WNW	3	b	2		46	41	b, bc, bcq, b	*	0.02
	Birr Castle...	30.48	42	W	5	c	30.38	-0.13	40	38	+3	SW	3	c	*		45	33	c, r, c	3.6	0.03
GERMANY, & C.	Donaghadee...	30.34	39	SW	3	c	30.24	-0.20	38	37	-7	WSW	3	b	2		46	36	bc, qd, b	*	-
	Liverpool Obsy...	30.42	41	W	3	c	30.26	-0.17	41	39	+1	WSW	5	b	3		45	39	or, b, bc	1.4	0.05
	Holyhead...	30.46	44	NW	5	clp	30.33	-0.09	43	40	-2	WNW	6	bcq	4		46	40	bc, clp	*	0.05
	Pembroke (St. Ann's Hd.)	30.50	45	NW	5	bc	30.42	-0.02	46	42	+2	WNW	6	bc	5		48	40	ofam, bc, of	0.6	0.21
	Scilly (St. Mary's)	30.56	47	NNW	5	c	30.52	+0.06	47	44	0	WSW	4	r	3		50	46	c	4.8	0.02
	Jersey (St. Aubin's)	30.49	46	W	3	b	30.53	-0.03	46	42	+7	WNW	2	o	2		50	39	om, ofe, cm	0.0	0.05
	Portland Bill...	30.44	45	N	3	c	30.43	-0.04	47	46	0	W	5	c	3		49	43	c	2.0	0.05
	Dungeness...	30.42	45	W	2	c	30.38	-0.12	42	39	+5	W	4	o	4		46	33	ce, bc	0.2	-
	Dover...	30.44	43	WSW	1	o	30.39	-0.14	38	36	+3	WSW	1	o	2		44	35	o, c, o	0.2	-
	Wick...	29.88	40	W	4	bc	29.69	-0.64	31	30	-4	W	6	otspkl	5		41	30	-	*	0.22
FRANCE.	Nairn...	29.99	41	W	3	bc	29.87	-0.51	36	35	-1	WSW	3	c	2		41	33	b, bcq, p, q	4.6	0.16
	Aberdeen...	30.08	37	SSW	1	bc	29.88	-0.49	38	34	0	WSW	3	b	2		39	35	b, bc, ofaq	3.5	0.05
	Leith...	30.21	40	W	2	bc	30.02	-0.35	40	37	-3	WSW	3	b	*		44	39	r, cd, bc	*	0.05
	North Shields...	30.27	39	WNW	3	c	30.12	-0.24	39	37	-2	SW	2	bc	2		43	36	d, c	*	0.02
	Spurn Head...	30.31	41	W	4	f	30.19	-0.20	40	38	+2	W	5	bc	2		42	38	m, f, bc	*	0.40
	Yarmouth...	30.37	39	WSW	2	om	30.26	-0.18	38	38	+3	WSW	3	c	3		40	32	o, om	0.0	-
	Clacton-on-Sea...	30.41	39	WSW	1	bc	30.34	-0.15	37	35	0	WNW	2	c	2		42	34	ogd, o, bc, c	0.0	0.01
	Nottingham...	30.39	40	W	2	b	30.29	-0.15	37	36	+1	WSW	2	b	*		44	35	from, f, bc	0.0	0.01
	Bath...	30.45	44	SW	1	o	30.39	-0.07	43	42	+4	W	1	b	*		47	34	-	1.0	-
	Oxford...	30.46	42	W	1	c	30.36	-0.12	41	39	+1	W	3	c	*		44	36	c, bc, m, b	*	-
SPANISH PENIN.	London (St. James's Pk)	30.43	44	W	1	o	30.36	-0.11	38	38	0	WSW	2	o	*		45	37	d, b, bm, o	0.2	0.01
	The Scaw (Skagen)	29.97	38	WNW	1	b	29.67	-0.53	39	38	-4	WSW	5	r	1		45	36	*	*	0.04
	Fanö...	30.12	37	W	4	bc	29.91	-0.48	37	37	0	W	4	c	*		39	36	*	*	0.04
	Cuxhaven†...	30.29	33	SW	2	o	30.08	-0.38	36	34	0	SW	5	o	*		37	32	*	*	-
GERMANY, & C.	The Helder...	30.30	40	W	3	o	30.19	-0.26	41	39	+9	WSW	4	o	4		41	30	*	*	-
	Brussels...	*	*	*	*	*	30.40	-0.14	33	33	+6	SW	2	f	*		33	26	*	*	0.04
	Berlin†...	30.27	39	W	2	r	29.98	-0.52	35	33	-4	WNW	2	o	*		43	34	*	*	0.08
	Frankfurt†...	30.47	29	SW	4	f	30.41	-0.16	28	30	-1	SW	5	o	*		32	27	*	*	-
FRANCE.	Munich†...	30.51	24	W	5	o	30.52	-0.08	23	23	+1	SW	4	f	*		28	21	*	*	-
	C. Gris Nez...	30.41	42	SW	4	r	30.37	-0.12	42	40	+4	W	4	o	4		45	38	*	*	0.08
	La Hève...	30.48	38	S	3	m	30.52	-0.04	41	40	+9	NW	3	c	3		41	32	*	*	-
	Brest...	30.58	49	NW	4	bc	30.61	+0.03	48	44	0	NW	4	o	3		50	45	*	*	-
SPANISH PENIN.	Lorient...	30.53	47	S	2	m	30.56	+0.02	45	43	+5	NW	3	o	2		48	40	*	*	-
	Rochefort...	30.61	32	Z	0	bc	30.56	-0.05	39	39	+11	Z	0	c	*		?	?	*	*	-
	Biarritz...	30.61	48	N	2	bc	30.58	+0.01	45	42	+2	ESE	2	o	2		52	41	*	*	-
	Paris...	30.57	29	S	1	o	30.50	-0.10	31	31	+7	SSW	2	o	*		31	24	*	*	-
SPANISH PENIN.	Belfort...	30.63	18	N	1	f	30.60	-0.06	20	20	+1	N	1	f	*		21	16	*	*	-
	Lyons...	30.39	43	Z	0	b	30.30	-0.11	39	36	0	Z	0	c	2		54	37	*	*	-
	Nice...	30.41	49	NW	4	b	30.39	-0.05	45	39	-3	NW	2	b	*		59	44	*	*	-
	Perpignan...	30.27	48	E	1	b	30.27	+0.03	49	47	+3	E	2	o	2		57	45	*	*	-
SPANISH PENIN.	Sanguinaire...																				
	Corunna...																				
	Lisbon...																				
SPANISH PENIN.	Azores (P. Delgada)...																				
	Horta...	30.28	61	NE	3	bc	30.38	+0.35	61	57	0	E	4	r	4		64	57	*	*	0.28

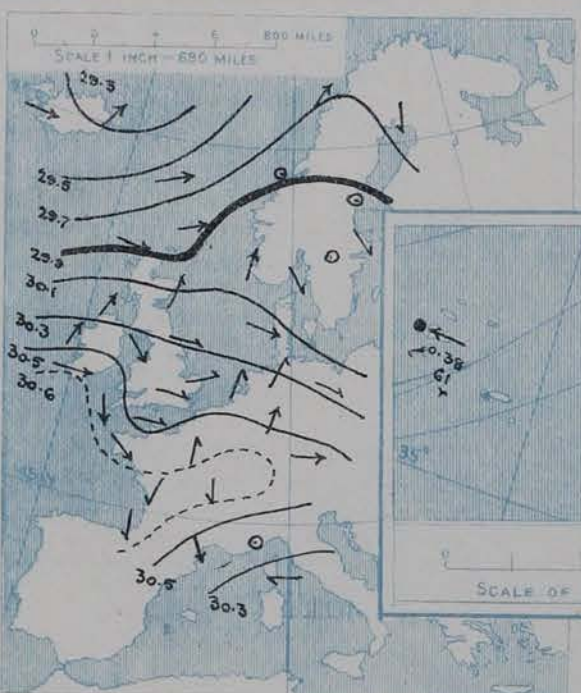
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

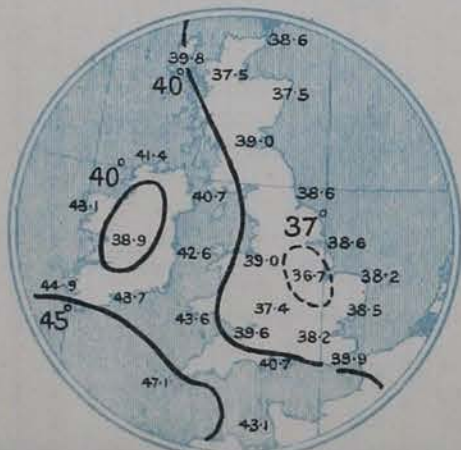
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



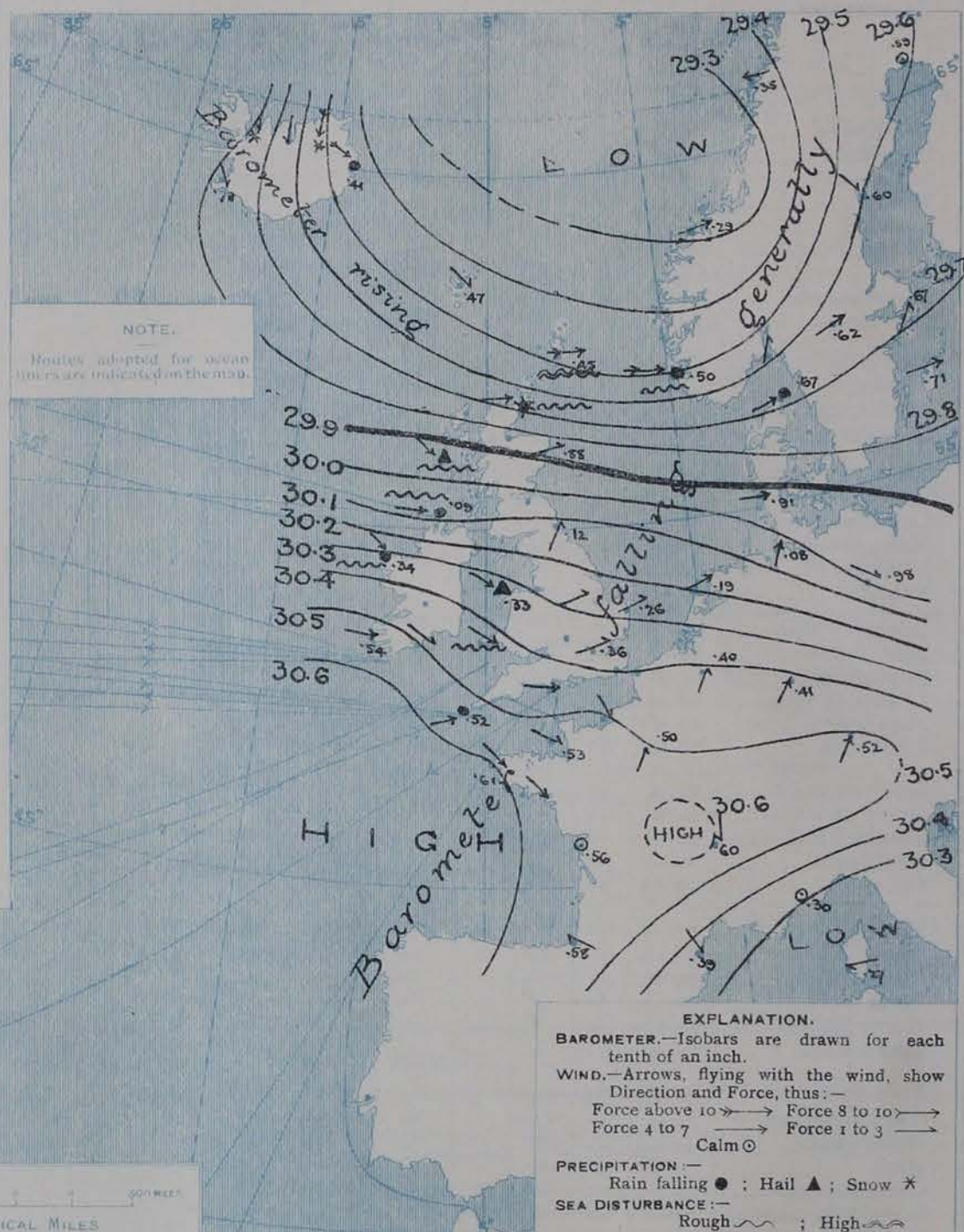
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Thursday,

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

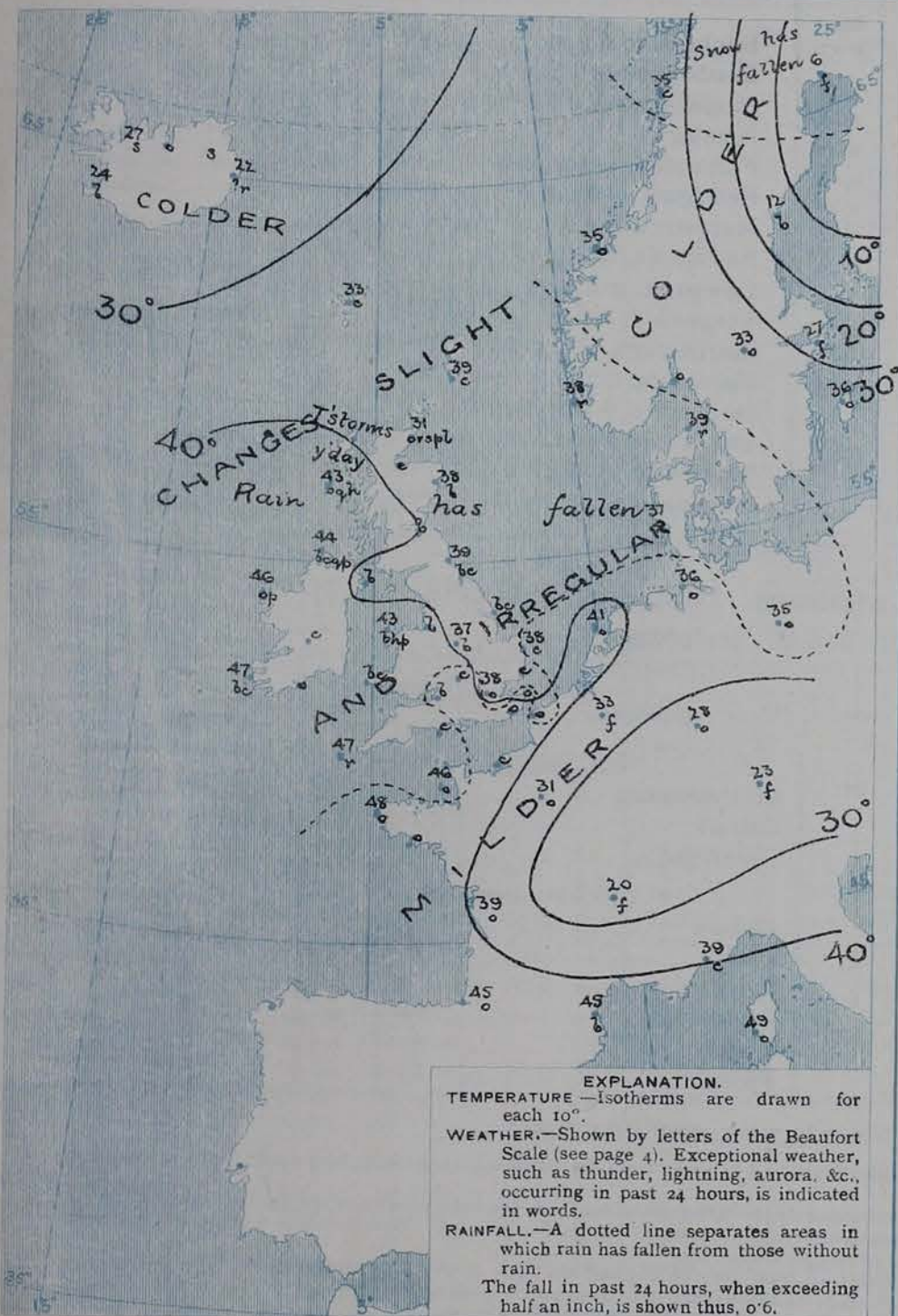
A large depression has appeared between Norway and Iceland since yesterday morning, while the highest pressure has become transferred to the Bay of Biscay region. The barometer is now rising again quickly in Iceland, while it still falls over all the north-western countries of the Continent, the change being the most decided over the Baltic.

Strong gales from the North Westward, prevail in eastern Iceland, a strong Westerly gale in Shetland, and a fresh gale from that quarter at Skudesnaes. Over the United Kingdom and the North Sea generally the wind is moderate to strong from the Westward. Temperature has fallen over Scandinavia and Iceland, changed little and rather irregularly over this country. The readings range from 47° on our extreme southwest coasts to 37° at Nottingham and Clacton-on-Sea, and to 31° at Wick. The weather is in a very uncertain condition generally although the sky is at present partially clear in many localities. Showers of hail or rain prevail on various parts of our west and north west coasts, and showers of sleet, accompanied by lightning, at Wick. Rain is reported both at Skudesnaes and Skagen.

CHARTS

7th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to about 50° at some of our most south-western stations, but only touched 40° at Yarmouth and 39° at Aberdeen. Rain has fallen in most parts of the Kingdom, the largest measurement being 0.4 inch at Spurn Head. Thunder and lightning occurred yesterday in the Hebrides. A considerable amount of bright sunshine was recorded in some northern and north-western localities as well as at Scilly, but along the south-east and east coast of England there was little or none.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A Westerly to North-Westerly type of conditions is likely during the ensuing twenty-four hours, and winds from that direction will blow very strongly at times on our west and north-west coasts. The large depression between Norway and Iceland appears to be moving south-eastwards.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

0 { West and North-West winds, fresh or strong, a gale in places; some showers of hail, sleet, or snow; moderate or low temperature.

1 { Westerly and North-Westerly winds, fresh in places; changeable, some rain, sleet, or snow; moderate or rather low temperature.

2 {
3 { Wind between West and North-West, fresh at times; changeable, some showers; little change of temperature.
4 {
5 {

6 { Same as No. 0.

7 { Westerly and North-Westerly winds, fresh or strong; changeable, usually, some rain, hail, or sleet; temperature about normal.

8 { Westerly or North-Westerly winds, fresh at times; changeable, some showers; normal temperature.

9 { Same as No. 7.
10 {

II WESTERN CHANNEL AND BAY.

Westerly or North-Westerly winds, fresh or strong at times; sea moderate to rather rough; changeable, some showers.

FORECAST DISTRICTS.

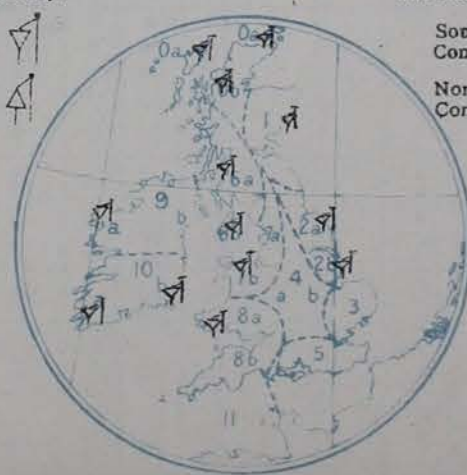
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.
North Cone.

South Cone.
North Cone.



DAILY WEATHER REPORT.

Thursday 7th January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	47	40	ov, b	Hrs.	Ins.	Brighton, to 6 p.m. ...	46	37	*	Hrs.	Ins.
Rossall Beach, to 6 p.m....	45	37	ov, c	*	0.05	Eastbourne, to 6 p.m. ...	46	36	*	0.0	0.01
Blackpool, to 9 p.m. ...	43	38	r, o, c	2.4	0.06	Bexhill-on-Sea, to 9 p.m.	45	36	ov, d, ce	0.0	0.01
Southport, to 9 p.m. ...	43	39	ov, b, c	1.5	0.05	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	43	39	*	3.0	0.02	Folkestone, to 6 p.m. ...	44	34	ov, o	0.0	-
Colwyn Bay, to 6 p.m. ...	45	41	c, dp, c	0.4	0.05	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	46	40	ov, cp, o	0.2	0.03	Margate, to 6 p.m. ...	45	34	o	0.0	-
Bettws-y-Coed, to 6 p.m.						Felixstowe, to 6 p.m. ...	42	37	-	0.0	0.01
Towyn, to 6 p.m. ...	45	39	ov, r, bc	1.0	0.08	Lowestoft, to 6 p.m. ...	40	33	o, c, o	0.0	-
Aberystwyth, to 6 p.m. ...	46	41	*	0.0	0.08	Skegness, to 6 p.m. ...	43	32	bc	0.1	-
Plymouth, to 9 p.m. ...	41	39	r, o, bc	1.1	0.19	Scarborough, to 9 p.m. ...	42	36	o, c	0.0	0.01
Torquay, to 6 p.m. ...	50	40	*	1.0	0.18	Harrogate, to 6 p.m. ...	42	34	c, op, bc	0.7	0.03
Weymouth, to 6 p.m. ...	49	37	bc	2.0	0.05	Buxton, to 6 p.m. ...	42	33	bc, c, ov	0.5	0.02
Bournemouth to 6 p.m. ...	49	37	o, b, o	1.6	0.01	Darwen, to 9 p.m. ...	41	34	c, ov, d, g	0.0	0.05
Southsea, to 6 p.m. ...	49	37	*	2.8	0.01	Manchester, to 9 p.m. ...	44	37	op, o	0.0	0.19
Worthing, to 6 p.m. ...	46	36	r, o	0.1	0.01	Birmingham, to 9 p.m. ...	44	36	c, o, c	0.2	-

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

STATIONS. 6th Jan. 1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 6th Jan. 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	o	o		Ins.	St. Petersburg ...	o	o		Ins.
Marseilles ...					Utrecht ...				
Malta ...					Groningen ...				
Algiers ...									
Tunis ...									
Palermo ...					Geneva ...	25	*	o	Measured 7.30 a.m.
Naples ...					Berne ...	19	*	o	-
Brindisi ...					Coire ...	18	*	bc	-
Florence ...					Castasegna ...	36	*	bc	-
Rome ...					Lugano ...	41	*	bc	-
Vienna ...					Davos ...	28	*	bc	-

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

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

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

7th 8th Jan. 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	8.4	11.59	3.54
Greenwich ...	8.4	12.0	3.56
Wick ...	8.6	12.6	4.6
Valencia ...	8.6	12.7	4.8
	9.0	12.18	3.36
	9.0	12.19	3.38
	8.49	12.47	4.44
	8.49	12.48	4.46

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

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

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
8th January, 1909.

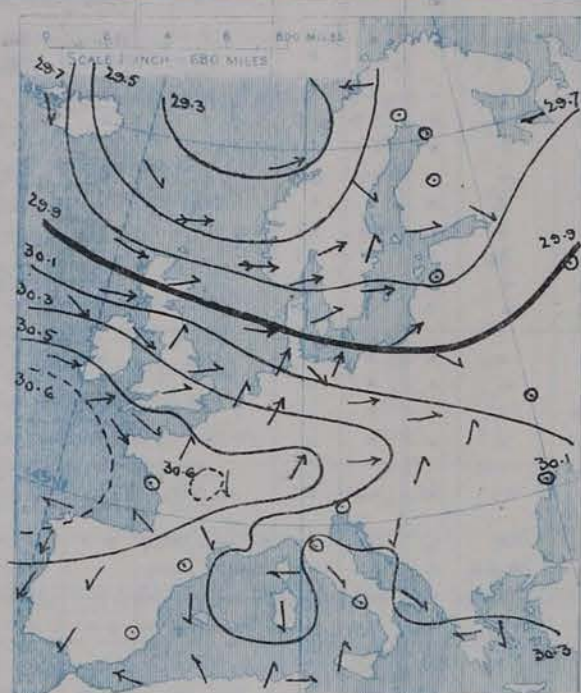
STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.	Force (0 to 12).	Weather.		Barometer.	Temperature.			Wind.	Force (0 to 12).	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
	At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.				At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.			Max.	Min.					
	Ins.	"					Ins.	Ins.	"	"	"				"	"		Hours.	Ins.		
SCANDINAVIA.																					
Haparanda...	29.53	5	2	0	0		29.58	-0.01	4	4	-2	NE	2	0	27	1	*	*	-		
Hernösand...	29.23	27	2	0	f		29.24	-0.26	28	27	+16	2	0	0	28	12	*	*	0.16		
Stockholm...	29.30	33	SW	2	0		29.23	-0.44	31	31	+4	SW	2	f	34	27	*	*	-		
Wisby...	29.47	37	WSW	6	6		29.27	-0.44	36	35	0	WSW	4	r	37	32	*	*	0.04		
Karlstad...	29.25	33	W	4	6		29.19	-0.43	25	23	-8	2	0	6	*	*	*	*	0.04		
Færder (X'iania Fjord)	29.28	36	WSW	6	6		29.20	-0.35	32	27	-5	SW	2	6	37	28	*	*	-		
Bodö...	29.17	33	E	4	6		29.37	+0.02	38	36	+3	E	4	6	27	28	*	*	-		
Christiansund...	29.19	32	WNW	6	5		29.29	+0.00	36	33	+1	WNW	2	0	36	30	*	*	0.28		
Skudesnaes...	29.38	35	NNW	4	c		29.20	-0.30	32	32	-6	2	0	0	41	30	*	*	-		
ICELAND & FAEROE.																					
Reykjavik...	29.97	20	N	1	C		30.04	+0.26	25	*	+1	NE	3	C	*	*	*	*	*		
Blönduos...	30.10	27	NNE	3	0		30.14	+0.31	20	*	-7	SE	3	0	*	*	*	*	*		
Seydisfjord...	29.97	25	SW	3	S		30.18	+0.77	24	*	+2	WSW	4	C	*	*	*	*	*		
Thorshavn...	29.50	32	NW	6	S		29.83	+0.36	36	*	+3	NNW	5	C	*	*	*	*	*		
BRITISH ISLANDS.																					
Sumburgh Head	29.46	34	NW	4	sp		29.33	-0.07	37	35	-2	NW	7	0	40	32	C, sp	*	0.08		
Stornoway...																					
Castlebay (Barra Id.)	29.92	37	NW	4	sp, q		30.00	+0.03	40	38	-3	NW	4	C	46	35	hy, tem, m, sp	0.5	0.15		
Malin Head...	29.90	40	WNW	8	C, q		29.95	-0.14	42	40	-2	NNW	6	C	46	37	C, q, hy, tem, m, sp	*	0.47		
Blacksod Pt. ...	30.15	49	W	5	C, q		30.21	-0.13	46	44	0	NNW	5	C	49	44	tem, tem, m, sp	*	0.29		
Valencia...	30.36	49	W	6	C, q		30.26	-0.28	51	49	+4	NW	6	C	52	45	tem, m, sp, m	0.0	0.17		
Roche's Point...	30.30	48	W	4	C, q		30.07	-0.44	51	48	+8	NW	7	C	51	41	C, q, m, m, sp	*	0.02		
Birr Castle...	30.16	47	WSW	6	C		30.12	-0.26	44	43	+4	NW	4	C	48	39	tem, m, sp	0.0	0.09		
Donaghadee...	29.96	40	WSW	6	C, q		29.99	-0.25	40	37	+2	NE	4	C	45	36	C, q, m, sp, r	*	0.22		
Liverpool Obsy...	29.91	42	WSW	6	C		29.90	-0.26	38	37	-3	W	4	C	45	37	C, m, r, h	0.3	0.28		
Holyhead...	30.00	47	W	3	C, q		30.03	-0.30	44	41	+1	N	7	C	47	40	tem, m, sp	*	0.08		
Pembroke (St. Ann's Hd.)	30.16	48	W	7	0		30.03	-0.39	47	45	+1	WNW	6	C, q	50	43	tem, m, sp, q	1.1	0.10		
Scilly (St. Mary's)...	30.40	47	WNW	6	0		30.11	-0.41	47	46	0	NNW	5	0	51	46	C, q, m	2.2	0.05		
Jersey (St. Aubins)...	30.33	47	WNW	4	0		30.06	-0.47	48	45	+2	WNW	4	0	51	44	C, q, m, r	1.8	0.07		
Portland Bill...	30.20	47	W	5	C		29.96	-0.47	45	44	-2	NW	5	C	49	44	C	3.0	-		
Dungeness...	30.12	44	W	5	0		29.86	-0.52	34	33	-8	WNW	3	C	47	32	C, C, q, m	1.9	0.07		
Dover...	30.13	41	WSW	3	0		29.87	-0.52	36	34	-2	WNW	3	C	46	35	C, B, m, r, h	1.9	0.10		
Wick...	29.64	31	NW	6	C		29.62	-0.07	30	29	-1	N	7	C	40	28	-	*	0.45		
Nairn...	29.73	33	W	2	0		29.76	-0.11	36	36	0	NNW	4	C	38	31	C, q, m, r, C, q	0.0	0.27		
Aberdeen...	29.67	34	WNW	4	C		29.64	-0.24	36	35	-2	WNW	6	C	39	33	C, m, r, q, m, sp	0.0	0.11		
Leith...	29.70	37	W	3	C		29.77	-0.25	37	33	-3	W	2	C	41	33	C, q, m, r, C, q	*	0.36		
North Shields...	29.73	39	WSW	4	C		29.76	-0.36	33	32	-6	W	3	C	45	30	C	*	0.16		
Spurn Head...	29.76	42	WSW	7	C		29.74	-0.45	36	34	-4	WNW	6	C	42	34	C, q, m, r, C, q	*	-		
Yarmouth...	29.96	42	WSW	4	C		29.80	-0.46	33	33	-5	W	4	C	44	32	C, C	0.0	0.07		
Clacton-on-Sea...	30.05	40	WSW	4	0		29.84	-0.50	39	38	+2	WNW	2	C	44	33	C, C, C, m, r, h	2.7	0.15		
Nottingham...	29.92	43	WSW	6	0		29.85	-0.44	36	34	-1	WNW	3	C	44	34	C, m, r, q, C, q	1.0	0.16		
Bath...	30.12	46	W	5	0		29.93	-0.46	42	40	-1	W	1	0	48	41	-	3.0	0.05		
Oxford...	30.00	43	WSW	5	0		29.92	-0.44	38	36	-3	W	3	0	45	35	C, m, r, q, C, q	*	0.05		
London (St. James's Park)	30.09	43	WSW	5	0		29.88	-0.48	36	35	-2	WNW	3	C	46	36	C, m, r, q, C, q	2.5	0.09		
GERMANY, & C.																					
The Scaw (Skagen)...	29.36	35	SW	4	C		29.19	-0.48	36	32	-3	NNW	1	C	41	32	*	*	0.08		
Fanö...	29.67	37	W	4	C		29.32	-0.59	33	31	-4	NW	2	C	39	32	*	*	0.32		
Cuxhaven†...	29.83	37	WSW	4	0		29.40	-0.68	36	31	0	NW	4	C, q, r	41	34	*	*	0.20		
The Helder...		*	*	*	*		29.79	-0.61	34	33	+1	WNW	2	C	39	32	*	*	0.04		
Brussels...		*	*	*	*		29.41	-0.69	35	31	0	SW	4	0	39	32	*	*	0.04		
Berlin†...	29.93	36	W	3	0		29.68	-0.73	33	36	+5	SW	3	C	39	28	*	*	0.28		
Frankfurt†...	30.10	31	SW	2	S		29.82	-0.50	34	35	+11	SW	6	0	34	23	*	*	-		
Munich†...	30.28	30	SW	5	0																
FRANCE.																					
C. Gris Nez...	30.08	44	WNW	6	0		29.84	-0.53	40	40	-2	NW	6	C	48	36	*	*	0.12		
La Hève...	30.27	43	WSW	5	0		29.96	-0.56	41	40	0	NW	6	0	46	39	*	*	0.12		
Brest...	30.43	49	NW	5	C		30.16	-0.45	50	50	+2	NW	5	C	50	46	*	*	0.08		
Lorient...	30.39	48	W	4	C		30.10	-0.46	50	49	+5	WNW	5	0	50	45	*	*	0.04		
Rochefort...	30.49	48	WNW	3	0		30.19	-0.37	48	48	+9	WNW	4	0	48	39	0	*	0.16		
Biarriz...	30.50	47	NNE	3	0		30.35	-0.23	50	47	+5	WSW	4	0	50	41	*	*	0.04		
Paris...	30.30	37	SSW	3	0		29.92	-0.58	39	38	+8	WNW	2	0	40	31	*	*	0.04		
Belfort...																					
Lyons...	30.49	20	E	1	f		30.15	-0.45	29	29	+9	S	1	S	29	19	*	*	-		
Nice...	30.21	43	2	0	C		29.98	-0.32	37	36	-2	SE	2	C	50	36	*	*	-		
Perpignan...	30.34	46	NW	4	C		30.21	-0.18	45	38	0	NW	3	C	53	41	*	*	-		
Sanguinaire...	30.15	50	SE	4	0		29.96	-0.31	49	?	0	SE	4	0	54	46	*	*	-		
SPANISH PENIN.																					
Corunna*	30.65	53	N	5	0		30.57	-0.09	52	50	+2	NNW	6	C	54	46	*	*	0.08		
Lisbon...																					
Azores (P. Delgada)...																					
„ Horta...	30.57	62	E	4	0		30.62	+0.24	61	54	0	E	4	C	64	59	*	*	-		

SUPPLEMENTARY CHARTS

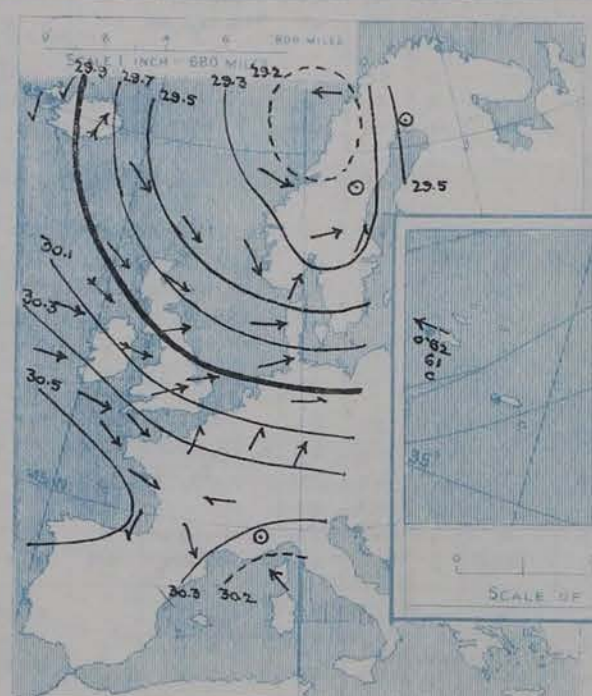
OF BAROMETER AND WIND

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

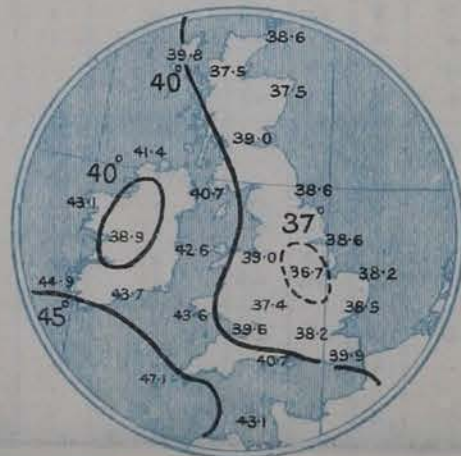
7 A.M. YESTERDAY



6 P.M. YESTERDAY



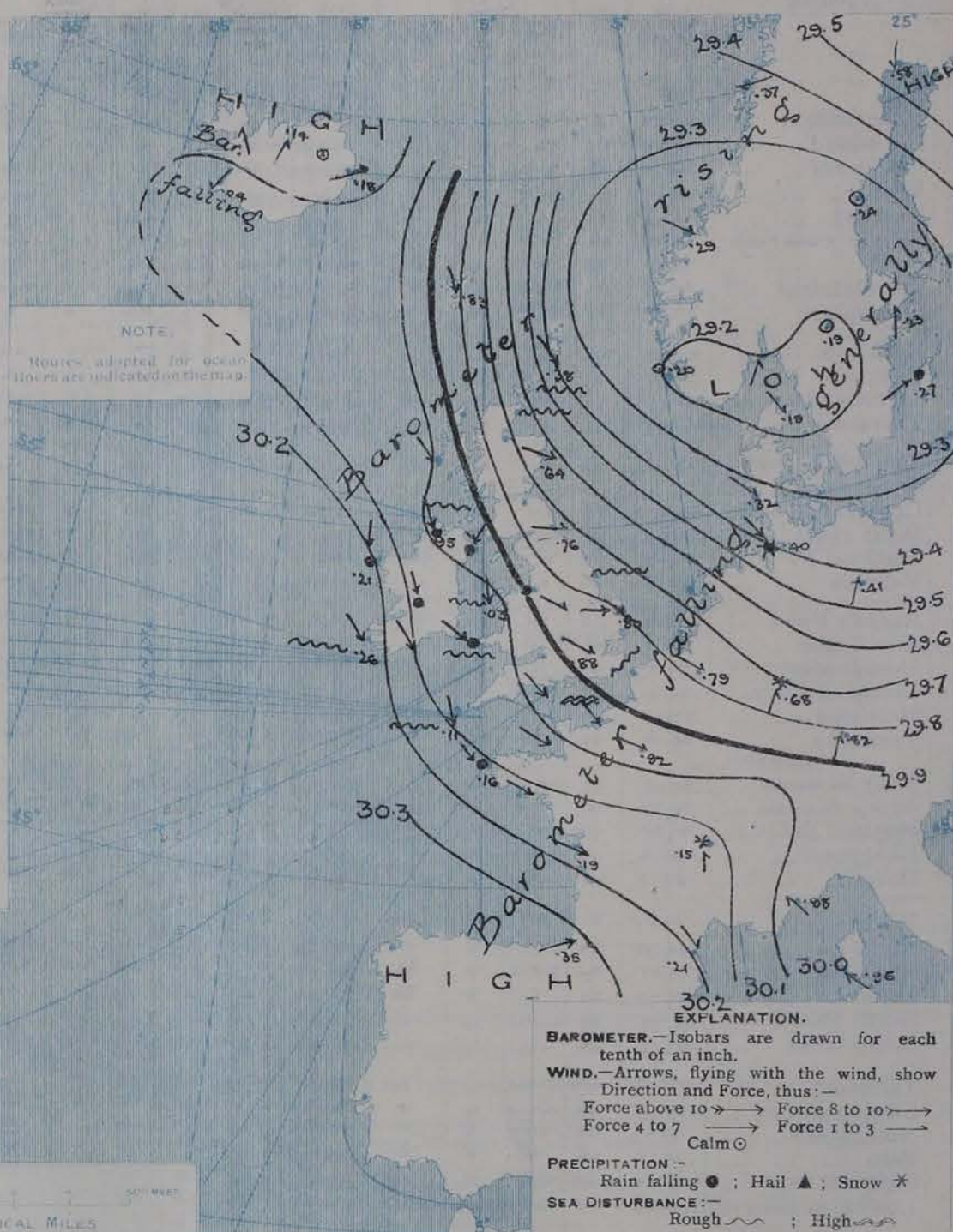
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Friday,

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The large depression which lay between Norway and Iceland yesterday morning has moved South-Eastwards, and the lowest barometer readings, 29.2 ins. and less, are now found over the Skager Rack and its neighbourhood. In the meantime pressure has increased quickly in Iceland, and the barometer over the greater part of that Island is now above 30.1 ins. The highest readings, however, are still found in the south, the barometer standing above 30.3 ins. in the southwest of France and in Spain.

The wind is high from North-West or North on some parts of our western and northern coasts, and strong to moderate over these Islands generally and also on the north coast of France. Over Norway and Sweden the wind is light or moderate. Temperature has fallen in most parts of Great Britain, risen in the south of Ireland and in France. In this country it ranges from 51° at Valencia and Roch's Point to 33° at Yarmouth and Shields, and to 30° at Wick. Showers are falling in the west of these Islands, rain at Brest and Hsby, snow at Lyons and Frankfurt and sleet at Apxhaven; over the eastern half of Great Britain the weather is at present fine, and clear skies are also reported from the south of France.

EXPLANATION.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by letters of the Beaufort Scale (see page 4). Exceptional weather, such as thunder, lightning, aurora, &c. occurring in past 24 hours, is indicated in words.

RAINFALL.—A dotted line separates areas in which rain has fallen from those without rain.

The fall in past 24 hours, when exceeding half an inch, is shown thus, 0·6.

During yesterday the temperature rose to about 50° on our south-west coasts, but remained below 40° in the north-east of Scotland. Rain has fallen in most places, but except at some Scottish stations most of the measurements are rather small. Lightning was seen at Harrogate at 5 p.m. and thunder and lightning occurred in London about midnight during a stray squall. At most stations in England there was from 1 to 3 hours of bright sunshine, but in Ireland and Scotland the day was mostly dull. The force of a whole gale was experienced at Wick during the night and high winds or fresh gales prevailed either during the evening or night on several parts of our western and north-western coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

GENERAL INFERENCE FROM THE A.M. OBSERVATIONS

The North-westerly current of wind seems likely to continue for the present, and to cause a lower temperature over these Islands generally, with showers of rain or sleet in the south-west, and of sleet or snow in most other districts. Considerable fair intervals are, however, to be expected.

For the 24 hours commencing at
NOON TO-DAY.

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


- 0 { a } { Very strong to moderate Northerly winds; squalls
of snow; temperature low.
b } Same as No. 1.
- 1 { North-Westerly and Northerly winds, moderating;
changeable, snow showers; colder.
- 2 { a }
b }
3. North-Westerly or Northerly winds, fresh at times;
changeable, some sleet or snow showers; colder
than of late; frost at night.
- 4 { a }
b }
- 5
- 6 { a }
b } Same as No. 0 - a.
- 7 { a }
b } Same as No. 1
- 8 { a }
b } North-Westerly winds, strong to moderate; sleet or
snow showers; fair intervals; becoming colder.
- 9 { a }
b } North-Westerly and Northerly winds, decreasing in
force; changeable, some showers of rain, sleet, or
hail; becoming colder.
- 10 { a }
b }


North-Westerly and Northerly winds, strong to moderate
sea rough to rather rough; some showers; fair at times.

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

Signals hoisted yesterday.

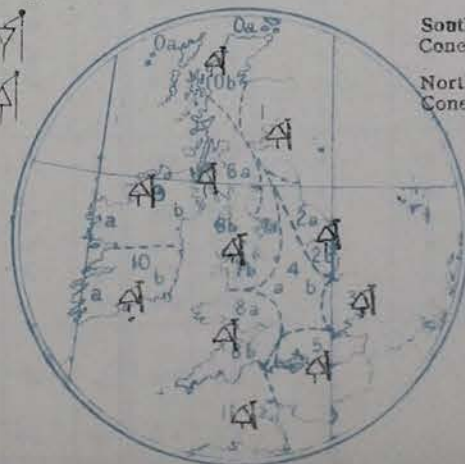
Signals hoisted
this morning.

South Cone. 

North Cone. 

South Cone. 

North Cone. 



DAILY WEATHER REPORT.

Friday, 8th January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	46	39	or, b, b, b	*	0.04	Brighton, to 6 p.m. ...	47	38	*	2.7	-
Rossall Beach, to 6 p.m....	44	39	or, o	*	0.02	Eastbourne, to 6 p.m. ...	46	37	*	2.2	-
Blackpool, to 9 p.m. ...	45	39	o, or, o	0.0	0.03	Bexhill-on-Sea, to 9 p.m. ...	46	36	c, b, w	1.8	-
Southport, to 9 p.m. ...	45	38	c, b, ohl, o	0.2	0.20	Hastings ...	*	*	*	2.1	*
Rhyl, to 6 p.m. ...	47	42	*	1.0	0.01	Folkestone, to 6 p.m. ...	45	35	c, b, o	1.9	-
Colwyn Bay, to 6 p.m. ...	46	41	o, b, c	0.0	0.05	Ramsgate, to 6 p.m. ...	*	*	*	2.1	-
Llandudno, to 9 p.m. ...	45	41	o, b, op, o	0.0	0.05	Margate, to 6 p.m. ...	44	36	o, b, o	2.2	-
Bettws-y-Coed, to 6 p.m. ...	47	42	c, o	0.0	*	Felixstowe, to 6 p.m. ...	42	37	*	2.5	-
Towyn, to 6 p.m. ...	47	45	b, c, o	0.4	-	Lowestoft, to 6 p.m. ...	44	35	b, c, o	2.6	-
Aberystwyth, to 6 p.m. ...	46	41	*	0.5	-	Skegness, to 6 p.m. ...	42	36	c, b	2.0	0.01
Plymouth, to 9 p.m. ...	48	42	o, b, c, v	1.2	-	Scarborough, to 9 p.m. ...	42	36	o	0.0	0.01
Torquay, to 6 p.m. ...	49	40	*	2.2	0.01	Harrogate, to 6 p.m. ...	43	34	b, b, or, cl	0.2	0.15
Weymouth, to 6 p.m. ...	48	40	b, o, c, b	3.0	-	Buxton, to 6 p.m. ...	40	36	og, c, op, or	0.0	0.17
Bournemouth to 6 p.m. ...	48	37	o, b, o	2.7	0.01	Darwen, to 9 p.m. ...	42	34	oil, b	0.0	0.28
Southsea, to 6 p.m. ...	48	34	*	3.0	-	Manchester, to 9 p.m. ...	44	39	b, omh, b	0.0	0.20
Worthing, to 6 p.m. ...	47	35	o, c	2.9	0.01	Birmingham, to 9 p.m. ...	44	35	b, o, r	2.1	0.04

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

STATIONS. 7th Jan. 1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 7th Jan. 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	68	50	c, o	Ins.	St. Petersburg ...	?	23	s, f	Ins.
Marseilles ...	52	27	b, b	-	Utrecht ...	34	28	r, o	0.04
Malta ...	55	48	o	-	Groningen ...	39	30	o, o	0.04
Algiers ...	59	46	b, b	-	6th Jan. 1909. 1.30 p.m.				Measured 7.30 a.m.
Tunis ...	54	39	c, o	-	Geneva ...	28	*	o	-
Palermo ...	57	42	b, b	-	Berne ...	19	*	b	-
Naples ...	53	44	b, b	-	Coire ...	21	*	b	-
Brindisi ...	51	34	b, b	-	Castasegna ...	37	*	b	-
Florence ...	51	29	b, b	-	Lugano ...	43	*	b	-
Rome ...	50	35	b, o	-	Davos ...	27	*	b	-
Vienna ...	41	34	o, o	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

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

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

8th Jan. 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	8.4	12.0	3.56
Greenwich ...	...	8.3	12.0	3.57
Wick ...	...	8.6	12.7	4.2
Valencia ...	...	8.5	12.7	4.9
		9.0	12.19	3.38
		8.59	12.19	3.40
		8.49	12.48	4.46
		8.48	12.48	4.48

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

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

W. N. SHAW, (Director.)

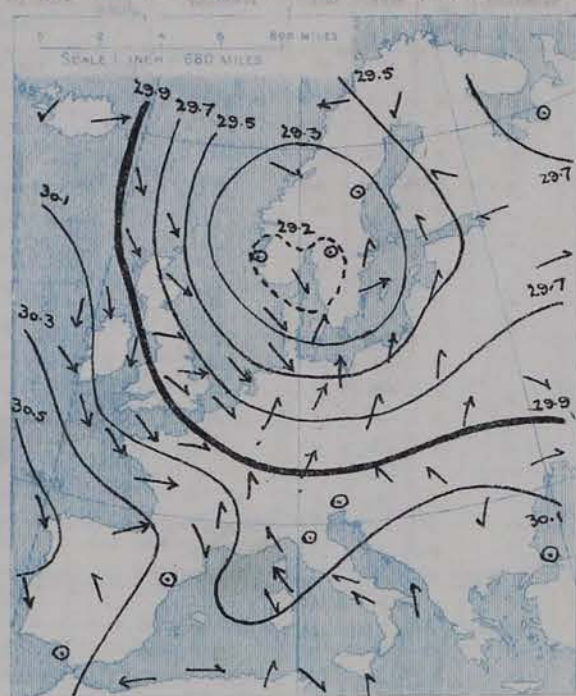
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday
9th January, 1909.

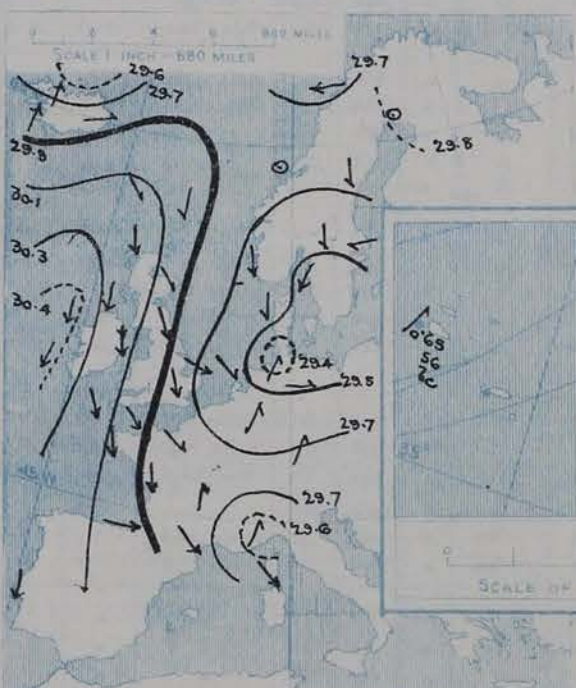
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
							At 8 ³⁰ Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).		Max.	Min.					
		Ins.	Dry Bulb.	Dir.	Force (0 to 12).		Ins.	Ins.	°	°	°	Dir.	Force (0 to 12).			°	°		Hours.	Ins.	
SCANDINAVIA.	Haparanda...	29.80	-9	Z	0	b	29.71	+1.13	17	16	+13	S	2	0	*	17	-9	*	*	-	
	Hernösand...	29.75	24	N	4	0	29.87	+6.3	22	21	-6	Z	0	0	*	32	22	*	*	0.12	
	Stockholm...	29.87	33	E	2	0	29.86	+6.3	26	26	-5	Z	0	f	*	33	26	*	*	-	
	Wisby...	29.44	33	SE	2	0	29.77	+5.50	33	31	-3	E	2	0	*	39	32	*	*	0.04	
	Karlstad...	29.59	27	N	2	b	29.92	+7.3	30	30	+5	Z	0	0	*	*	*	*	-		
	Færder (X'ania Fjord)	29.56	32	N	6	b	29.91	+7.1	32	28	0	NNE	3	2	2	32	30	*	*	-	
	Bodö...	29.68	26	E	4	b	29.47	+1.10	32	29	-6	E	4	0	1	38	25	*	*	-	
	Christiansund	29.77	32	Z	0	b	29.73	+1.44	36	36	0	WSW	3	S	4	36	30	*	*	0.20	
ICELAND & FAEROE.	Skudesnaes...	29.69	39	NNW	6	c	29.92	+7.2	38	37	+6	NNE	2	C	2	39	32	*	*	0.04	
	Reykjavik...	29.78	37	S	5	c	29.24	-1.80	32	*	+7	W	8	C	*	*	*	*	*	*	
	Blönduós...	29.66	40	S	5	0	29.18	-1.96	28	*	+8	W	7	0	*	*	*	*	*	*	
	Seydisfjord...	29.76	26	WSW	1	c	29.16	-1.02	40	*	+16	WSW	8	2	*	*	*	*	*	*	
BRITISH ISLANDS.	Thorshavn...	30.11	34	NW	2	0	29.68	+1.15	45	*	+9	WNW	3	0	*	*	*	*	*	*	
	Sumburgh Head	30.00	37	N	3	b	29.90	+1.52	44	44	+7	W	3	r	4	44	37	0, 3	*	0.02	
	Stornoway...	30.24	39	NNW	5	c	30.08	+1.17	44	43	+7	W	3	0	3	44	36	cfh, beg, od	0.8	0.09	
	Castlebay (Barra Id.)	30.28	41	N	3	c	30.17	+1.17	47	44	+7	WNW	4	0	4	47	37	cfh, og, a, b, c	0.1	0.02	
	Malin Head	30.25	44	N	6	b, fog	30.23	+2.8	46	46	+4	NW	5	cm	4	47	42	g, b, beg, g, w	*	0.02	
	Blacksod Pt.	30.40	46	N	5	0	30.36	+1.15	46	43	0	NW	3	C	1	48	44	cfh, b	*	0.03	
	Valencia...	30.38	48	NNE	6	cq	30.45	+1.19	46	45	-5	NW	1	odw	4	52	42	og, b, c, beg, b	0.3	0.07	
	Roche's Point	30.34	45	NNW	3	cf	30.43	+1.36	39	38	-12	NW	2	C	2	51	38	beg, b, cf, b	*	0.02	
	Birr Castle	30.32	39	NNW	3	b	30.36	+1.24	39	38	-5	W	2	0	*	44	31	b, b	1.0	0.01	
	Donaghadee	30.23	42	NNW	5	cq	30.28	+1.29	40	40	0	SW	3	0	2	47	38	og, b, beg, b, o	*	0.02	
	Liverpool Obsy...	30.08	40	NW	6	b	30.26	+1.36	39	36	+1	WNW	2	0	2	42	37	om, b	5.5	0.01	
	Holyhead...	30.13	44	N	8	beg, b	30.30	+1.35	43	41	-1	N	4	C	4	45	40	beg, b	*	0.01	
	Pembroke (St. Ann's Hd.)	30.12	43	NNW	6	b	30.34	+1.36	42	39	-5	NW	3	cm	4	47	36	og, b, beg, b	3.6	0.03	
	Scilly (St. Mary's)	30.19	47	NNW	7	cf	30.37	+1.26	46	43	-1	N	4	C	4	52	45	0, c, b	3.2	0.09	
	Jersey (St. Aubins)	29.98	43	NW	5	b	30.28	+1.22	42	39	-6	N	4	0	4	49	40	om, og, og, b	1.3	0.04	
	Portland Bill	29.96	44	NNW	6	b	30.28	+1.32	39	37	-6	NW	4	0	4	46	36	b, b	3.9	-	
	Dungeness...	29.77	40	NW	4	C	30.13	+1.27	36	35	+2	NNW	5	C	5	43	32	b, b	4.5	-	
	Dover...	29.74	38	NW	6	C	30.14	+1.27	35	35	-1	NNW	5	0	5	40	34	b, b, c, b	6.5	-	
	Wick...	30.08	38	N	5	C	30.01	+1.39	40	39	+10	NW	4	C	4	43	30	-	*	0.10	
	Nairn...	30.16	39	N	3	C	30.11	+1.35	39	37	+3	W	1	C	1	40	35	beg, c, b	2.5	0.01	
	Aberdeen...	30.07	38	NW	3	b	30.10	+1.46	38	34	-1	WSW	1	C	2	39	33	beg, b, beg, b	0.8	0.24	
	Leith...	30.10	40	NNW	3	b	30.18	+1.41	38	36	+1	W	2	C	*	42	35	b, b	*	-	
North Shields	29.96	38	NNW	7	hazy	30.20	+1.44	33	32	0	W	2	C	5	41	32	cq, hazy	*	0.16		
Spurn Head																					
Yarmouth...	29.68	37	WNW	6	og, sh	30.13	+1.33	41	39	+8	NW	5	C	6	41	31	beg, og, sh	5.0	0.20		
Clacton-on-Sea	29.74	37	WNW	7	C	30.15	+1.31	35	34	-4	WNW	3	0	2	40	32	b, b, beg, b	5.6	0.04		
Nottingham...	29.91	40	N	8	C	30.24	+1.39	35	33	-1	NW	3	0	*	42	33	bm, cfh	3.6	0.01		
Bath...	30.00	42	NW	1	b	30.28	+1.35	32	32	-10	NW	1	0	*	44	30	-	*	-		
Oxford...	30.00	39	NNW	8	C	30.30	+1.38	32	30	-6	WNW	2	0	*	42	31	o, beg, cfh, b	*	-		
London (St. James's Pk)	29.84	40	NNW	5	beg	30.21	+1.33	37	35	+1	WNW	3	0	*	43	36	c, beg, r, b	3.5	-		
GERMANY, & C.	The Scaw (Skagen)	29.50	33	NE	5	b	29.91	+1.72	33	30	-3	NE	2	C	0	36	30	*	*	-	
	Fanø...	29.61	30	N	4	C	29.99	+1.67	26	23	-7	N	2	0	*	33	23	*	*	0.04	
	Cuxhaven...	29.36	33	SW	2	0	29.92	+1.52	31	31	-5	N	3	0	*	36	30	*	*	0.16	
	The Helder	29.80	38	N	4	C	30.00		38	36		N	3	C	4	41	34	*	*	0.24	
	Brussels...	*	*	*	*	*	30.00	+1.21	35	34	+1	NNW	2	0	*	38	29	*	*	0.12	
	Berlin...	29.48	35	W	2	S	29.76	+1.35	30	77	-5	WNW	2	0	*	37	30	*	*	-	
	Frankfurt...	29.63	30	SW	4	0	29.89	+1.21	28	94	-5	N	1	3	*	39	27	*	*	-	
	Munich...	29.70	35	SW	2	b	29.91	+1.09	24	93	-10	W	3	C	*	36	23	*	*	0.04	
FRANCE.	C. Gris Nez	29.71	40	NNW	7	0	30.08	+1.24	37	36	-3	N	6	0	5	43	36	*	*	-	
	La Hève...	29.86	41	NNW	6	0	30.20	+1.24	39	37	-2	N	6	C	6	45	36	*	*	-	
	Brest...	30.10	47	N	6	C	30.38	+1.22	40	38	-10	NNE	3	0	3	50	39	*	*	0.08	
	Lorient...	30.00	44	NNW	6	C	30.29	+1.19	41	39	-9	N	5	0	4	52	39	*	*	-	
	Rochefort	29.84	47	SW	5	0	30.18	-1.01	39	36	-9	N	5	0	*	52	36	*	*	-	
	Biarritz...																				
	Paris...	29.76	34	N	3	0	30.06	+1.14	35	34	-4	N	4	0	*	42	32	*	*	0.04	
	Belfort...																				
SPANISH PENIN.	Lyons...	29.77	32	S	1	S	29.92	-1.23	31	31	+2	N	3	S	*	36	29	*	*	0.08	
	Nice...	29.54	40	SW	2	b	29.36	-1.62	40	36	+3	E	5	0	5	46	36	*	*	0.12	
	Perpignan...	29.80	50	NW	4	0	29.73	-1.48	38	33	-7	NW	5	0	*	55	37	*	*	0.12	
	Sanguinaire...	29.65	52	NW	7	0	29.39	-1.57	46	43	-3	SE	5	0	5	54	43	*	*	0.08	
	Corunna...																				
SPANISH PENIN.	Lisbon...	30.24	53	NNW	5	b	30.11	-1.30	53	48	+9	N	6	0	*	55	44	*	*	-	
	Azores (P. Delgada)																				
	" Horta...	30.70	58	E	4	b	30.65	+1.03	56	51	-5	SW	3	0	4	64	58	*	*	-	

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

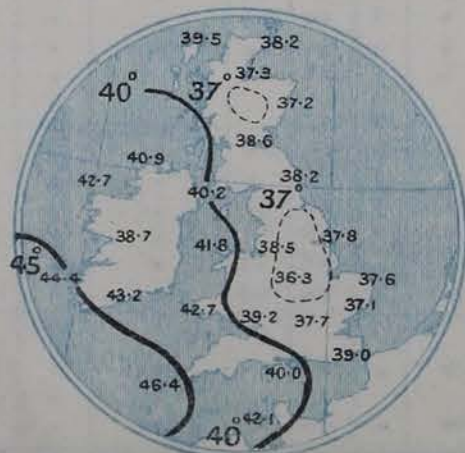
7 A.M. YESTERDAY



6 P.M. YESTERDAY



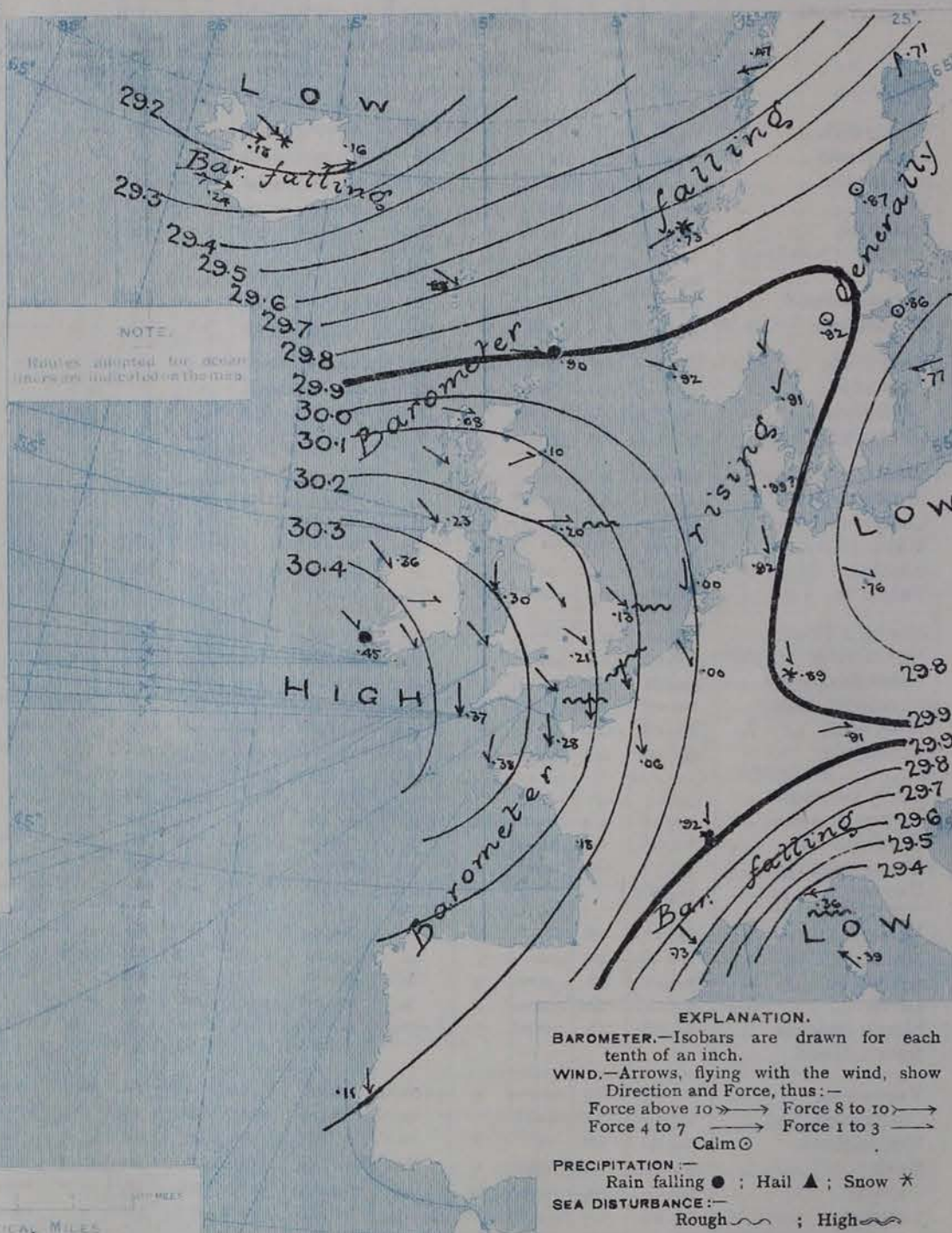
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Saturday,

WEATHER

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



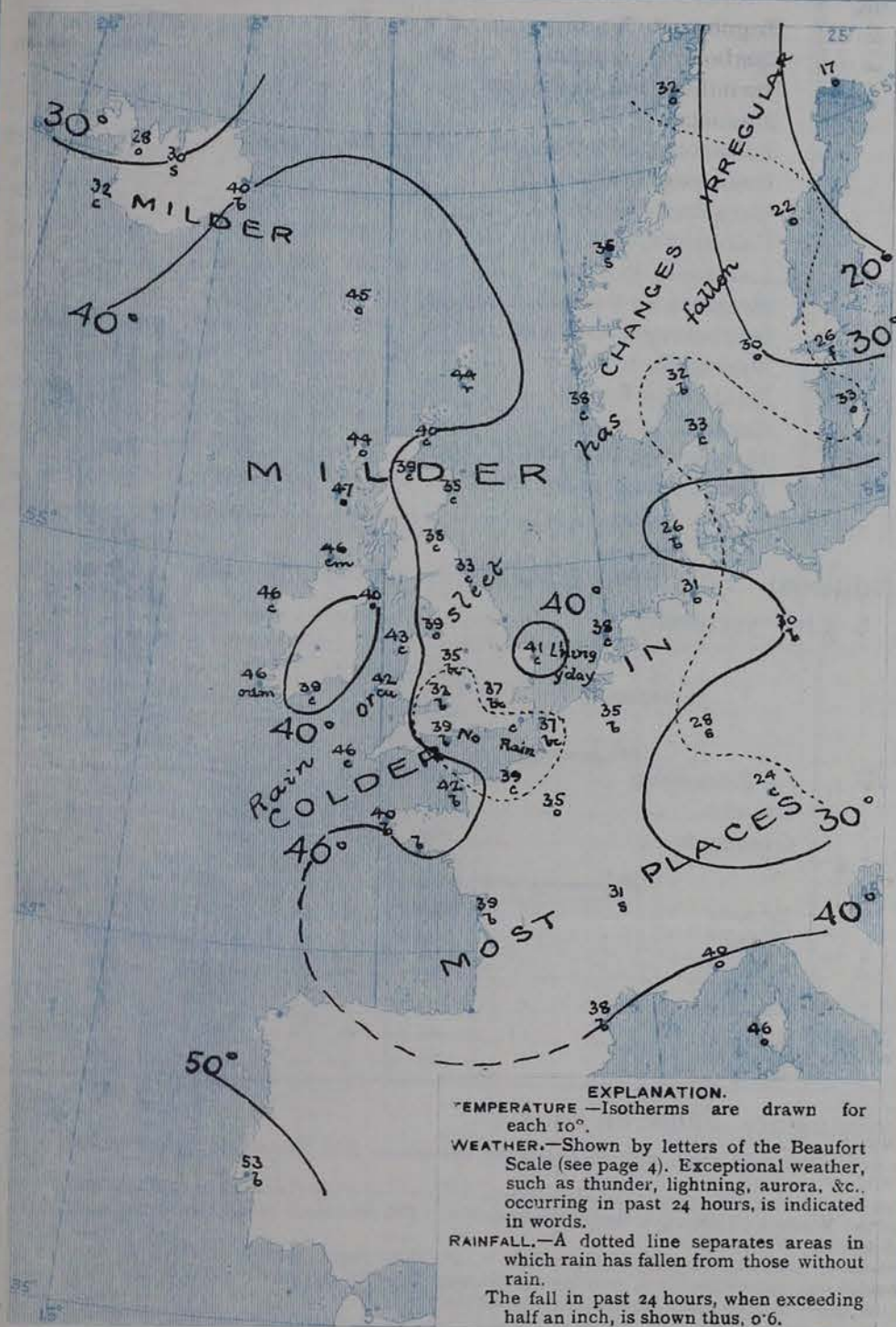
NOTES ON THE GENERAL SITUATION AT 7 A.M.

The large depression of yesterday has travelled south-eastwards, and is now beyond our area, while the recovery of pressure in its rear over Scandinavia and Great Britain has been very brisk. A rapid fall of the barometer has, however, occurred in Iceland, and another large disturbance is spreading southwards from that region. The readings range from above 30.4 ins. in the south-west of Ireland to below 29.4 ins. in a depression over the Gulf of Genoa and its vicinity, and to less than 29.2 ins. in the north of Iceland.

The wind blows a gale from the Westwards in Iceland and is light from that direction in Scotland. Over the greater part of Ireland and England, however, it is moderate to fresh from between North-West and North, while fresh winds between East and North prevail over the south of France. Temperature has risen in the extreme north of our Islands, fallen or changed little in most other regions. Over this country it ranges from 46° or 47° on the extreme west and north-west coasts to 33° at North Shields, and to 32° at Bath. Rain is falling at Lumburgh Head and Valencia, and snow at Christiansund, Frankfurt and Lyons, but over our area generally the weather is cloudy to fine.

CHARTS 9th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer only touched 40° in the east of Great Britain, but rose to 52° at Scilly and Valencia. Slight frost was experienced at night in many places; at Oxford the thermometer on the grass fell to 22°. Showers of snow or sleet were prevalent in many northern and eastern districts, and lightning was seen at Yarmouth at 6 p.m. Bright sunshine was very general except at some places in Ireland and the north-east of Great Britain. Strong to high winds or gales from the Northward and North-Westward were experienced during the day on several parts of our coast.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The new depression over Iceland and its neighbourhood seems likely to move eastwards or east-south-eastwards, and to spread considerably over the United Kingdom. A temporary backing of the wind is consequently probable over this country generally, with some increase in force on all the more northern coasts.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 { Westerly to North-Westerly or Northerly winds, moderate to strong or high; some showers of rain, sleet, or snow; temperature variable.
- 1 { Westerly to North-Westerly winds increasing in force; some showers of snow or sleet; rather cold.
- 2 {
- 3 { Wind backing towards West, and subsequently veering again, varying in force; fair, then becoming unsettled, with some showers of rain, sleet, or snow; temperature moderate or rather low.
- 4 {
- 5 {
- 6 { Same as No. 0.
- 7 {
- 8 { Same as Nos. 2 to 5.
- 9 {
- 10 { Wind between West and North, fresh or strong at times; changeable, some showers, most in north and north-west; moderate to rather low temperature.

11 WESTERN CHANNEL AND BAY

Northerly and North-Westerly winds, moderate or fresh; sea rather rough or moderate; mostly fair, dull at times.

FORECAST DISTRICTS.

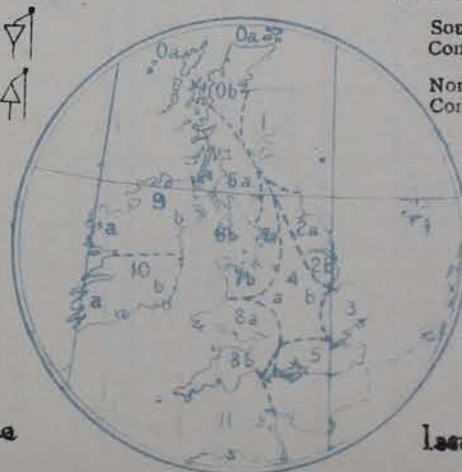
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.
North Cone.

South Cone.
North Cone.



DAILY WEATHER REPORT.

Saturday, 9th January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	46	40	or, c, bc	*	0.16	Brighton, to 6 p.m. ...	43	38	*	4.5	-
Rossall Beach, to 6 p.m....	44	38	or, c, b, c	*	0.11	Eastbourne, to 6 p.m. ...	47	37	*	4.5	0.01
Blackpool, to 9 p.m. ...	42	38	b, bc	6.1	0.04	Bexhill-on-Sea, to 9 p.m.	*	*	*	5.1	*
Southport, to 9 p.m. ...	42	37	or, c, q, b	6.1	0.02	Hastings ...	*	*	*	5.6	0.09
Rhyl, to 6 p.m. ...	43	39	*	4.2	-	Folkestone, to 6 p.m. ...	44	34	or, c, b, bc	6.1	0.13
Colwyn Bay, to 6 p.m. ...	43	39	bc, b, c	3.1	0.17	Ramsgate, to 6 p.m. ...	*	*	*	5.4	0.15
Llandudno, to 9 p.m. ...	44	38	or, c, o	1.5	-	Margate, to 6 p.m. ...	41	36	r, b, o	5.6	0.19
Bettws-y-Coed, to 6 p.m.	47	37	c, b, bc, c	2.0	*	Felixstowe, to 6 p.m. ...	40	35	-	5.0	0.18
Towyn, to 6 p.m. ...	45	40	c, b, p, bc	4.7	0.15	Lowestoft, to 6 p.m. ...	39	31	or, bc, c, q, s	4.7	0.06
Aberystwyth, to 6 p.m....	46	40	*	2.7	0.05	Skegness, to 6 p.m....	40	30	b, sq, r	0.0	0.04
Plymouth, to 9 p.m. ...	48	44	*	4.2	0.12	Scarborough, to 9 p.m. ...	40	33	sq, s, oqr	5.8	0.01
Torquay, to 6 p.m....	46	41	c, bc, c, b	3.9	-	Harrogate, to 6 p.m. ...	39	31	o, bc, c, bc	3.7	0.20
Weymouth, to 6 p.m. ...	45	41	c, b	5.7	0.04	Buxton, to 6 p.m. ...	38	32	r, th, h, s, c	4.1	-
Bournemouth to 6 p.m. ...	45	39	*	5.7	-	Darwen, to 9 p.m. ...	38	32	bc, f, o, c	2.2	-
Southsea, to 6 p.m....	44	37	o, c	5.0	0.01	Manchester, to 9 p.m. ...	42	36	bc	3.0	0.14
Worthing, to 6 p.m. ...						Birmingham, to 9 p.m....	42	35	r, c		

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

STATIONS. 8th January 1909	TEMPERATURE F.		WEATHER	RAIN.	STATIONS. 8th January 1909	TEMPERATURE F.		WEATHER	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	68	50	bc, o	Ins.	St. Petersburg ...	30	14	o, o	Ins.
Marseilles ...	48	28	b, b	-	Utrecht ...	41	32	r, c	0.12
Malta ...	62	49	o	-	Groningen ...	43	32	o, c	0.24
Algiers ...	61	48	bc, c	0.08					
Tunis ...	55	41	bc, c	-					
Palermo ...	not received				Geneva ...	25	*	o	Measured 7.30 a.m.
Naples ...	57	46	o, o	-	Berne ...	19	*	m	-
Brindisi ...	51	34	c, o	-	Coire ...	27	*	bc	-
Florence ...	42	37	o, r	-	Castasegna ...	32	*	b	-
Rome ...	46	44	o, o	0.04	Lugano ...	41	*	b	-
Vienna ...	37	34	o, f	-	Davos ...	27	*	bc	-

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
	°	°	Ins.				°	°	°	

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

9th 10th Jan. 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	8.3	12.0	8.57
Greenwich ...	8.3	12.1	8.59
Wick ...	8.5	12.7	4.9
Valencia ...	8.5	12.8	4.11
	8.59	12.19	3.40
	8.58	12.20	3.42
	8.48	12.48	4.48
	8.48	12.49	4.50

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

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

W. N. SHAW, (Director.)

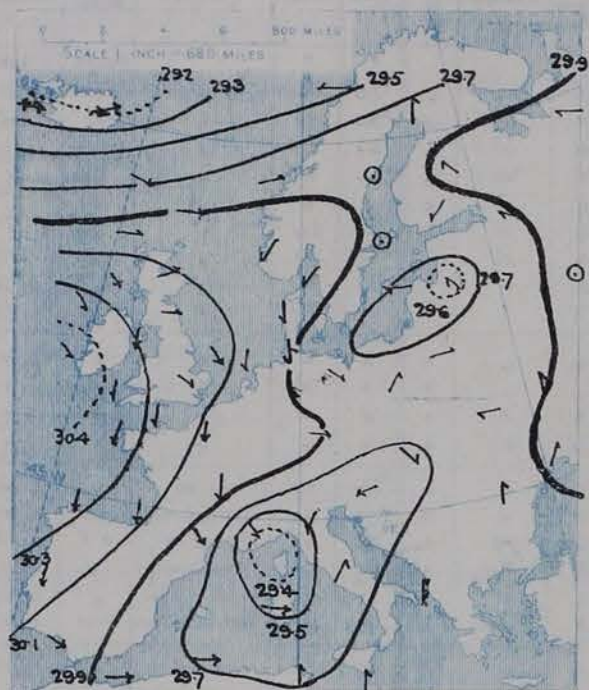
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday
10th January, 1909.

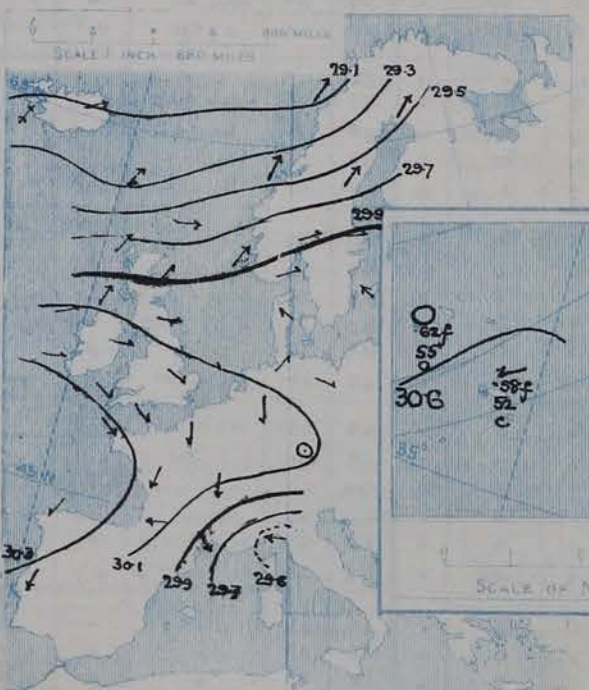
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.			Wind.						Temp.				
		At 8 ²⁵ Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 8 ²⁵ Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.	"				Ins.	Ins.	"	"	"									Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.48	24	SW	4	0	29.19	-52	30	30	+13	W	2	0	*	30	?	*	*	-	-
	Hernösand...	29.66	22	SW	4	bc	29.36	-51	30	29	+8	SW	6	c	*	30	21	*	*	-	-
	Stockholm...	29.92	28	W	2	0	29.73	-13	25	24	-1	SSW	4	0	*	32	23	*	*	-	-
	Wisby...	29.95	29	SE	4	0	29.84	+07	31	28	-2	SW	2	bc	*	34	28	*	*	-	-
	Karlstad...	29.91	30	WSW	2	0	29.62	-30	34	33	+4	SSW	8	0	*	*	*	*	-	-	-
	Færder (X'ania Fjord)	29.82	34	SW	5	0	29.51	-40	39	38	+7	SSW	6	0	3	39	30	*	*	-	-
	Bodö...	29.04	39	SSW	4	r	28.89	-58	35	33	+3	SW	4	c	3	39	30	*	*	-	-
ICELAND & FAEROE.	Christiansund...	29.32	51	SSW	4	0	29.21	-52	37	35	+1	SW	4	0	5	51	34	*	*	0.59	-
	Skudesnaes...	29.79	42	SW	6	0	29.50	-42	44	42	+6	NW	7	c	4	44	36	0	*	0.28	-
	Reykjavik...	29.15	29	SW	9	0	28.97	-27	26	*	-6	WSW	3	0	*	*	*	*	*	*	*
	Blönduós...	29.06	25	W	5	s	29.06	-12	20	*	-8	NE	2	0	*	*	*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	29.08	28	WSW	6	b	29.09	-07	22	*	-18	WSW	3	0	*	*	*	*	*	*	*
	Thorshavn...	29.26	42	SW	5	r	29.32	-36	36	*	-9	W	4	c	*	*	*	*	*	*	*
	Sumburgh Head	29.57	45	W	5	0	29.50	-40	40	38	-4	W	5	b	6	46	38	o.r	*	0.49	-
	Stornoway...	29.71	48	SW	5	rq	29.71	-37	40	39	-4	WSW	5	0	4	49	39	o.c.od.cop	0.0	0.27	-
	Castlebay (Barra Id.)	29.86	49	W	6	op	29.80	-37	44	40	-3	WNW	4	op	4	50	41	op.or.o	0.1	0.18	-
	Malin Head...	29.95	47	SSW	5	0	29.85	-38	44	43	-2	SSW	3	bc	3	47	43	qpm.orq	*	0.17	-
	Blacksod Pt. ...	30.13	49	WSW	3	ogp	29.93	-43	47	44	+1	W	2	0	1	51	45	cpm.gpm	*	0.04	-
	Valencia...	30.29	49	W	2	0	30.06	-39	50	50	+4	W	3	cm	4	51	46	ov.o.odm	0.0	0.07	-
	Roche's Point...	30.27	46	WNW	3	c	30.06	-37	49	49	+10	WSW	3	0	3	50	38	c.o.od.o	*	0.03	-
	Birr Castle...	30.19	46	W	3	r	29.97	-39	47	46	+8	WSW	1	og	*	50	38	o.r	0.0	0.10	-
	Donaghadee...	30.08	45	SW	3	0	29.96	-32	44	44	+4	WSW	2	c	2	49	38	c.o.c.bc	*	-	-
	Liverpool Obsy...	30.13	42	W	4	c	29.89	-37	46	45	+7	WSW	5	0	4	47	39	o.od.r	0.0	0.09	-
	Holyhead...	30.14	46	W	3	c	29.94	-36	48	47	+5	W	3	bp	2	49	43	om.c	*	0.02	-
	Pembroke (St. Ann's Hd.)	30.21	46	W	3	c	30.00	-34	50	49	+8	W	5	op	4	50	42	c.cp	0.1	0.04	-
	Scilly (St. Mary's)	30.28	47	NW	3	r	30.12	-25	47	46	+1	NW	4	r	4	50	45	c.r	0.7	0.30	-
	Jersey (St. Aubins)	30.25	42	NW	3	0	30.13	-15	45	44	+3	NW	2	c	2	47	39	cpm.odp	4.3	0.01	-
	Portland Bill...	30.22	44	NW	3	0	30.05	-23	48	47	+9	W	4	0	4	48	39	bc.o	3.0	-	-
GERMANY, & C.	Dungeness...	30.15	33	NW	2	f	30.01	-12	43	41	+7	W	4	bc	3	43	28	bez.bex	1.6	0.01	-
	Dover...	30.19	33	W	2	b	30.04	-10	39	38	+4	WSW	2	c	0	40	30	bc.c.b.bc	3.2	-	-
	Wick...	29.70	42	W	3	c	29.65	-36	37	35	-3	W	2	bc	3	49	34	-	*	0.05	-
	Nairn...	29.79	45	WSW	3	0	29.72	-39	39	37	0	W	1	0	1	48	37	eq.cqp	0.0	0.09	-
	Aberdeen...	29.86	41	SW	2	c	29.75	-35	40	37	+5	W	1	b	2	45	35	b.c.c.op.b	0.0	0.02	-
	Leith...	29.92	45	WSW	2	c	29.79	-39	41	38	+3	W	2	b	*	49	37	c.bc.o.qp	*	0.02	-
	North Shields...	30.01	43	W	3	0	29.79	-41	46	45	+13	W	3	c	3	48	31	c.o	*	-	-
	Spurn Head...	30.08	37	SSW	3	c	29.84	-35	43	42	+5	WSW	4	r	4	43	36	bc.cg.or	*	0.13	-
	Yarmouth...	30.14	35	WNW	2	bcm	29.94	-19	37	37	-4	W	2	0	3	42	32	o.bcm	1.5	-	-
	Clacton-on-Sea...	30.17	33	NW	2	b	29.99	-16	38	37	+3	SW	2	0	2	38	31	c.bc.bx.o	2.1	-	-
	Nottingham...	30.13	39	WSW	1	0	29.90	-34	44	43	+9	W	2	c	*	44	30	cm.omf	0.4	0.01	-
	Bath...	30.18	41	W	1	0	29.97	-31	44	44	+12	SW	1	r	*	44	32	-	2.3	0.06	-
	Oxford...	30.17	39	WSW	2	0	30.00	-30	43	43	+11	WSW	3	0	*	43	32	bc.cm.o.r	*	0.06	-
	London (St. James's Pk)	30.18	38	NW	1	od	30.01	-20	39	38	+2	WSW	2	org	*	42	36	bc.c.o.d.o	0.7	0.01	-
	The Scaw (Skagen)	29.94	32	WSW	3	b	29.67	-24	37	34	+4	SW	5	0	1	37	32	*	*	-	-
FRANCE.	Fanö...	30.03	28	SE	2	bc	29.80	-19	35	34	+9	SW	6	c	*	35	23	*	*	-	-
	Cuxhaven†...	30.08	30	SW	1	0	29.98	+06	29	92	-2	S	3	0	*	34	23	*	*	-	-
	The Helder...	30.11	34	SSW	1	bc	29.92	-08	39	37	+1	SSW	3	0	2	41	34	*	*	-	-
	Brussels...	*	*	*	*	*	30.09	+09	31	31	-4	SSW	1	f	*	39	28	*	*	0.43	-
	Berlin†...	30.02	34	WNW	2	0	30.08	+32	31	89	+1	WNW	2	0	*	36	28	*	*	-	-
	Frankfurt†...	30.14	30	N	1	0	30.15	+26	27	96	-1	W	1	0	*	34	27	*	*	-	-
	Munich†...	30.13	23	2	0	0	30.18	+27	22	100	-2	NW	1	0	*	27	21	*	*	0.04	-
	C. Gris Nez...	30.15	39	NNW	4	bc	30.02	-06	42	41	+5	W	2	0	3	43	37	*	*	-	-
	La Hève...	30.21	40	N	3	bc	30.12	-08	39	37	0	S	2	c	2	43	36	*	*	-	-
	Brest...	30.33	47	NW	4	b	30.20	-18	49	46	+9	NW	4	0	2	49	40	*	*	-	-
	Lorient...	30.28	44	N	3	bc	30.17	-12	46	46	+5	NW	3	0	2	46	41	*	*	-	-
	Rochefort...	30.25	42	NNE	4	c	30.21	+03	36	35	-3	2	0	c	*	46	34	*	*	-	-
	Biarritz...																	*	*	-	-
	Paris...	30.17	38	NNW	3	0	30.16	+10	34	33	-1	SSW	2	0	*	40	33	*	*	-	-
	Belfort...																	*	*	-	-
	Lyons...	30.05	30	N	5	b	30.12	+20	25	23	-6	NNW	2	b	*	35	24	*	*	-	-
	Nice...	29.58	39	E	5	0	29.75	+39	42	34	+2	Z	0	b	4	45	39	*	*	-	-
SPANISH PENIN.	Perpignan...	29.87	41	NW	5	b	29.98	+25	38	32	0	NW	4	b	*	45	36	*	*	-	-
	Sanguinaire...																	*	*	-	-
	Corunna...	30.39	52	NE	1	0	30.38	00	43	41	-9	NE	3	f	7	54	37	*	*	-	-
SPANISH PENIN.	Lisbon...	30.27	49	NNE	4	b	30.27	+16	45	41	-8	NNE	4	b	3	55	43	*	*	-	-
	Azores (P. Delgada)...	30.59	55	E	3	0	30.58	-07	52	50	-3	ENE	1	c	*	59	52	*	*	-	-
	Horta...	30.65	57	S	4	0	30.62	-03	55	50	-1	Z	0	0	2	63	54	*	*	-	-

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

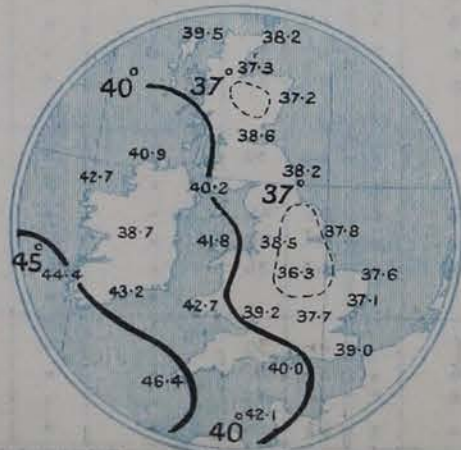
7 A.M. YESTERDAY



6 P.M. YESTERDAY

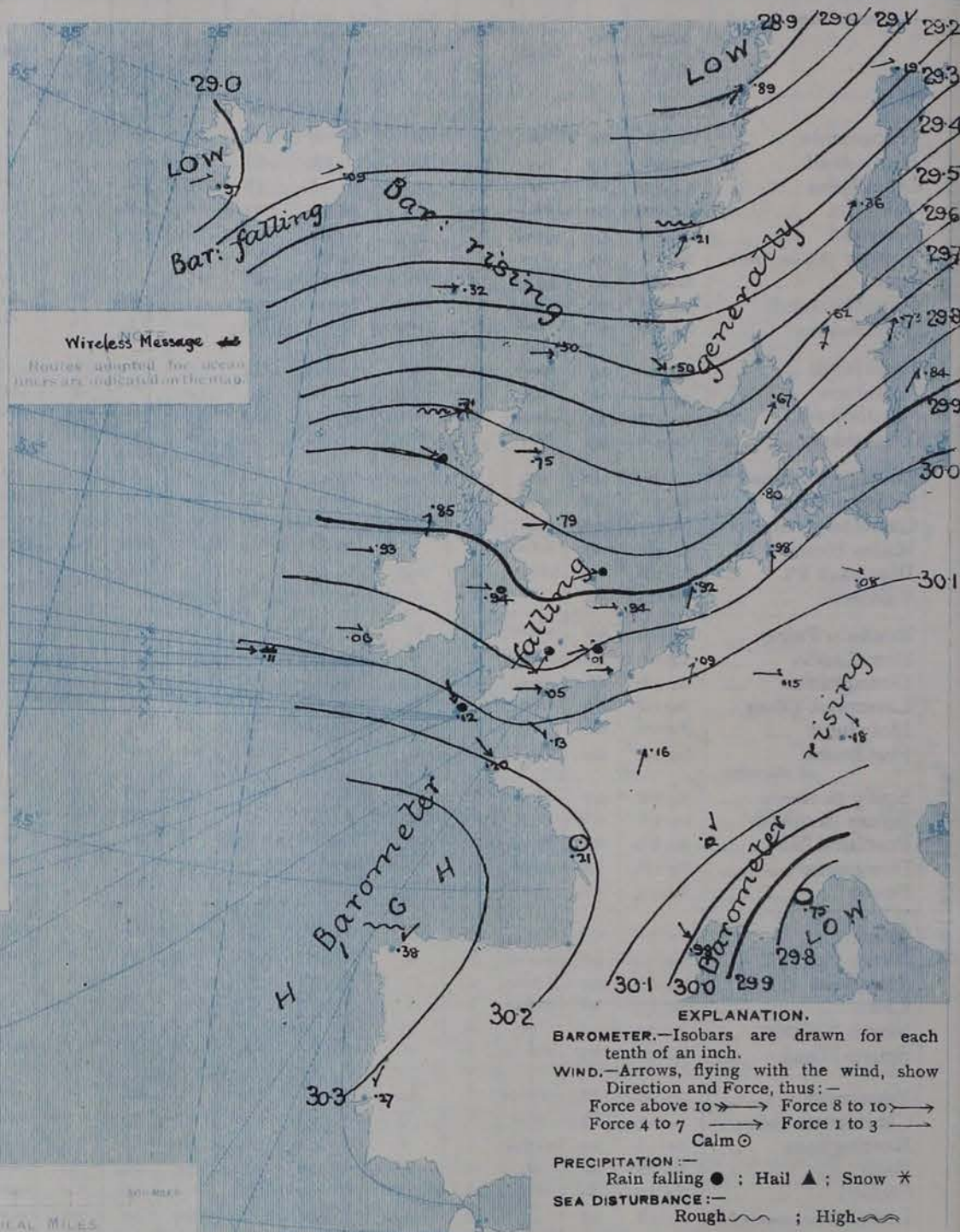


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Sunday, WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large depression is passing eastwards over the Arctic Sea and small secondary disturbances are travelling in a similar direction across the United Kingdom. The barometer is therefore falling over Western Europe generally, but is rising in the Faerøe Islands and eastern Iceland. An anticyclone extends over Portugal from the southern parts of the Atlantic.

The wind is light to moderate from N. over these Islands, but strong from S.W. in Scandinavia and Denmark. Over the southern parts of France and Germany it is calm or light from the N.W. Temperature has risen over the United Kingdom and the northern parts of the Continent, but fallen in France and Germany. At all our own south-western stations the readings are now above 45°, but in the East and South-East of England and the north of Scotland they are below 40°. Frost prevails in Belgium, Germany, Sweden and Central France and hard frost in Iceland. The weather is fine in the east of Scotland but cloudy or dull elsewhere, with rain or passing showers in many parts of England, Wales and the West of Scotland. The sea is moderate or slight generally, but rough at Lumburgh Head and rather rough off the west of Norway.

CHARTS

10th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

The maximum temperatures recorded yesterday were below 40° on some parts of our east and south-east coasts and below 45° in most other parts of England. On our extreme West and South-West coasts the thermometers rose to 50° or slightly above it. At several of the Channel stations the duration of bright sunshine amounted to about 3 hours, and at Jersey to more than 4 hours, but in the other localities there was little or none. Rain has fallen in most parts of the United Kingdom, rather heavily at Lumburgh Head.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

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

None issued

II WESTERN CHANNEL AND BAY

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

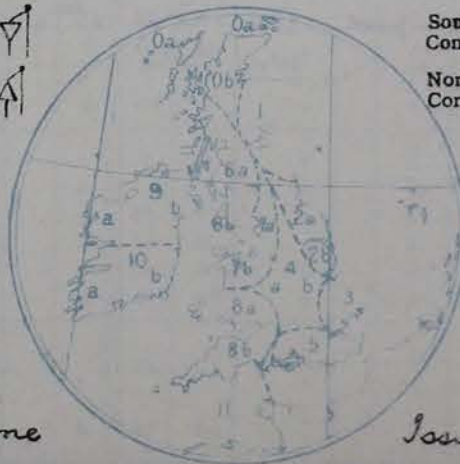
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.

DAILY WEATHER REPORT.

Sunday, 10th January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
				Hrs.	Ins.					Hrs.	Ins.
Dublin (City), to 4 p.m....	45	34	bc, o	*	-	Brighton, to 6 p.m. ...	42	36	*	2.0	-
Rossall Beach, to 6 p.m....	42	36	od, om	*	0.03	Eastbourne, to 6 p.m. ...	*	*	*	1.7	*
Blackpool, to 9 p.m. ...	43	34	o, op, o	0.0	0.02	Bexhill-on-Sea, to 9 p.m. ...	39	33	bc, c	3.4	-
Southport, to 9 p.m. ...	44	35	o, cd, r, o	0.0	0.04	Hastings ...	40	35	6, o	1.3	0.04
Rhyl, to 6 p.m. ...	45	39	*	0.0	-	Folkestone, to 6 p.m. ...	39	30	-	2.3	0.04
Colwyn Bay, to 6 p.m. ...	46	38	o, c, o	0.0	-	Ramsgate, to 6 p.m. ...	41	33	c, bc, m	2.9	0.01
Llandudno, to 9 p.m. ...	45	29	c, o	0.0	0.07	Margate, to 6 p.m. ...	45	35	bc, c	3.4	0.11
Bettws-y-Coed, to 6 p.m. ...	45	35	*	0.0	-	Felixstowe, to 6 p.m. ...	40	29	o, bc, c, o	0.7	-
Towyn, to 6 p.m. ...	44	34	bc, op, bep	0.8	0.03	Lowestoft, to 6 p.m. ...	39	26	c, bc, om	0.0	0.06
Aberystwyth, to 6 p.m. ...	46	35	*	1.7	-	Scarborough, to 9 p.m. ...	41	30	bc, ow, d	0.0	0.03
Plymouth, to 9 p.m. ...	44	34	b, bc, c, f	3.0	-	Harrogate, to 6 p.m. ...	41	32	o, c	0.0	-
Torquay, to 6 p.m. ...	43	33	c, bc	3.1	-	Buxton, to 6 p.m. ...					
Weymouth, to 6 p.m. ...	42	33	c	3.7	-	Darwen, to 9 p.m. ...					
Bournemouth, to 6 p.m. ...						Manchester, to 9 p.m. ...					
Southsea, to 6 p.m. ...						Birmingham, to 9 p.m. ...					
Worthing, to 6 p.m. ...											

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

STATIONS. 9th Jan. 1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 9th Jan. 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	64	52	r, r	Ins. 0.04	St. Petersburg ...	23	16	o, o	Ins. -
Marseilles ...	46	30	o, o	0.67	Utrecht ...	39	30	c, c	0.08
Malta ...	59	49	c	0.12	Groningen ...	39	30	o, c	0.12
Algiers ...	55	46	r, r	0.87					
Tunis ...	48	36	bc, bc	-					
Palermo ...	not received				Geneva ...	34	*	s	Measured 7.30 a.m.
Naples ...	not received				Berne ...	32	*	s	
Brindisi ...	54	36	o, o	-	Coire ...	30	*	o	
Florence ...	45	33	o, r	0.25	Castasegna ...	34	*	bc	
Rome ...	50	46	o, r	0.55	Lugano ...	37	*	o	
Vienna ...	39	30	o, o	-	Davos ...	27	*	o	

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis-turb-ance.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
Corsican, 4 a.m. Jan 10th.	51° N.	14° W.	Ins. 30.19	WNW	Strong	-	0	0	0	-
" 7 a.m. "	51° N.	15° W.	30.11	W	Strong	o	-	-	-	-

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

10th & 11th Jan. 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	8.3	12.1	3.59
Greenwich ...	...	8.2	12.1	3.40
Wick ...	...	8.5	12.8	4.11
Valencia ...	...	8.4	12.8	4.12
		8.58	12.20	3.42
		8.57	12.20	3.43
		8.48	12.49	4.50
		8.47	12.49	4.51

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

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

W. N. SHAW, (Director.)

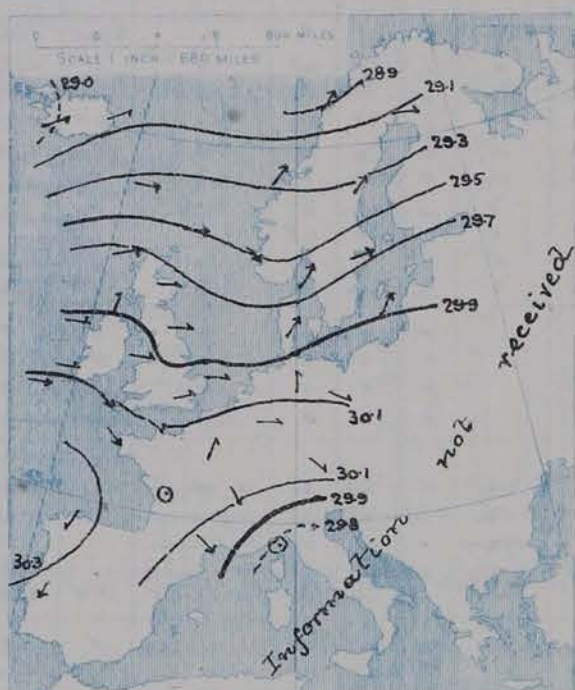
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,
11th January, 1909.

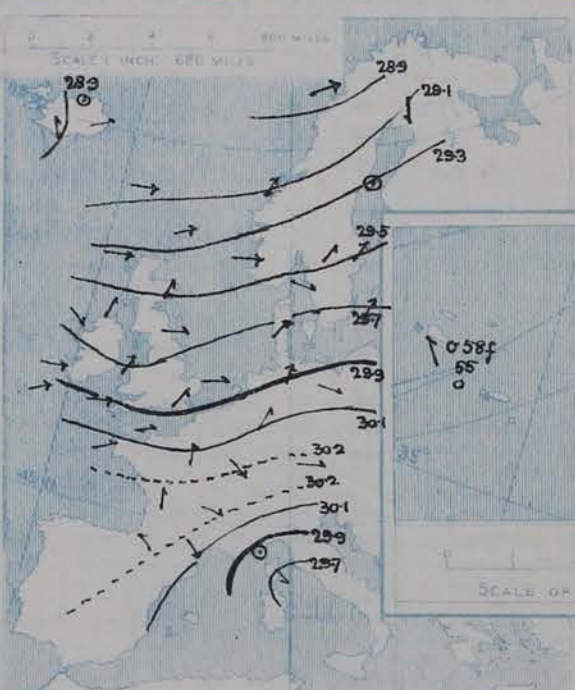
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.		Temperature.			Wind.		Sea	Temp.		Weather.	Sun.	Rainfall.		
							At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).		Weather.	Max.				Min.	
																					At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.	Max.	Min.
In.		Dry Bulb.	Direc.	Force (0 to 12).	Weather.	In.	Ins.	°	°	°	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	°	°	Weather.	Hours.	Ins.		
SCANDINAVIA.	Haparanda...	29.12	25	N	2	b	28.95	-.24	31	31	+1	SSW	4	o	*	31	25	*	*	0.24	
	Hernösand...	29.20	21	2	0	b	28.96	-.40	30	28	0	SW	4	bc	*	32	19	*	*	0.04	
	Stockholm...	29.52	33	SW	2	o	29.28	-.45	33	23	+8	SW	4	o	*	33	25	*	*	0.16	
	Wisby...	29.62	33	SW	6	s	29.43	-.41	36	34	+5	SW	4	o	*	34	28	*	*	0.12	
	Karlstad...	29.43	34	SW	2	f	29.21	-.41	36	35	+2	SW	6	o	*	*	*	*	-		
	Færder (X'lenia Fjord)	29.43	38	WSW	4	o	29.13	-.38	39	28	0	SW	7	b	4	39	37	*	*	-	
	Bodö...	26.84	33	WSW	5	c	26.60	-.29	30	28	-5	S	4	o	2	35	28	*	*	-	
ICELAND & FAEROE.	Christiansund...	29.04	39	SW	3	o	28.84	-.37	33	32	-4	WNW	2	o	6	39	34	*	*	0.59	
	Skudesnaes...	29.42	40	W	4	o	29.13	-.37	42	40	-2	WSW	6	c	5	44	37	b, o	*	0.24	
	Reykjavik...	28.84	24	SSE	1	e			*	*				*	*	*	*	*	*		
	Blönduos...	28.99	14	2	0	bc			*	*				*	*	*	*	*	*		
BRITISH ISLANDS.	Seydisfjord...	28.97	19	WSW	3	b			*	*				*	*	*	*	*	*		
	Thorshavn...	28.96	34	W	4	o			*	*				*	*	*	*	*	*		
	Sumburgh Head	29.23	41	WSW	4	r												*			
	Stornoway...	29.34	43	W	6	o	29.03	-.68	38	37	-2	WNW	7	bcq	5	43	36	cp, opq, rhq	0.1	0.53	
	Castlebay (Barra Id.)	29.48	44	W	5	cp	29.20	-.60	44	42	0	WNW	7	op	6	48	41	op, c, op	0.0	0.05	
	Malin Head...	29.55	44	SSW	3	bcpm	29.31	-.54	47	47	+3	SW	7	cpqm	4	47	43	omp, cpqm	*	0.04	
	Blacksod Pt.	29.67	48	NW	2	op	29.55	-.38	48	45	+1	W	5	cpq	4	51	46	or, cpqm, cgm	*	0.37	
	Valencia...	29.80	52	W	5	r	29.75	-.31	48	46	-2	WSW	4	c	4	53	47	otm, bcp	0.0	0.34	
	Roche's Point...	29.76	51	W	4	r	29.76	-.30	45	44	-4	W	2	c	3	53	45	o, c, o, r, c	*	0.04	
	Birr Castle...	29.66	51	W	3	r	29.63	-.34	46	44	-1	WSW	4	c	*	52	43	or, c	0.0	0.29	
	Donaghadee...	29.63	46	S	2	r	29.52	-.44	43	41	-1	WSW	3	o	2	48	40	o, c, otm, c	*	0.10	
	Liverpool Obsy...	29.70	45	S	2	r	29.62	-.27	43	41	-3	WSW	4	bc	3	48	42	o, or, o	0.0	0.16	
	Holyhead...	29.67	49	SW	5	rgm	29.63	-.31	46	44	-2	W	4	c	3	50	36	c, rgm	*	0.36	
	Pembroke (St. Ann's Hd.)	29.77	49	SW	5	r	29.72	-.28	48	46	-2	W	5	cu	4	51	45	op, c, or	1.0	0.25	
	Scilly (St. Mary's)	29.98	50	W	4	r	29.81	-.31	48	46	+1	WNW	4	c	4	52	46	r	0.0	0.46	
Jersey (St. Aubins)	30.03	49	WSW	3	o	29.80	-.33	50	50	+5	WSW	3	o	3	51	45	orgm, dm, o	0.0	0.42		
Portland Bill	29.89	50	WSW	4	r	29.72	-.33	49	49	+1	W	3	o	3	51	47	bc, r	1.1	0.13		
Dungeness...	29.89	47	WSW	3	o	29.68	-.33	47	46	+4	WSW	3	o	4	48	39	bc, r, c, or	0.0	0.24		
Dover...	29.89	45	SW	2	o	29.68	-.36	48	47	+9	W	2	o	4	48	37	c, ce, or, o	1.1	0.22		
Wick...	29.30	40	W	3	c	28.97	-.68	39	38	+2	W	5	o	4	42	34	c, r, sp	*	0.24		
Nairn...	29.37	42	WSW	3	c	29.09	-.63	41	40	+2	SW	4	r	2	46	37	c, oqm, r	0.7	0.08		
Aberdeen...	29.48	40	SSW	2	b	29.13	-.62	43	40	+3	SSW	2	b	2	43	37	c, o, c, b	0.0	-		
Leith...	29.54	44	SW	2	o	29.29	-.50	45	42	+4	SW	7	b	*	47	39	bc, o, opq	*	0.01		
North Shields	29.65	42	W	1	c	29.43	-.36	43	40	-3	SW	3	c	2	47	39	c	*	-		
Spurn Head	29.72	42	SSW	3	b	29.56	-.28	43	41	0	W	4	o	3	46	41	c, bc, cpd, o	*	0.03		
Yarmouth...	29.82	44	W	2	c	29.61	-.33	45	45	+8	W	2	cp	3	46	37	omp, cm, c	0.2	0.10		
Clacton-on-Sea	29.86	43	WSW	3	o	29.65	-.34	44	44	+6	WSW	2	o	2	45	37	orgm, op	0.0	0.27		
Nottingham	29.74	44	WSW	1	o	29.62	-.28	44	42	0	W	2	c	*	49	43	om, op	0.3	0.04		
Bath...	29.87	49	SW	1	o	29.72	-.25	48	48	+4	W	1	o	*	51	44	-	1.3	0.16		
Oxford...	29.77	47	SSW	4	r	29.67	-.33	46	45	+3	WSW	2	c	*	50	43	o, bc, or, c	*	0.14		
London (St. James's Pk)	29.85	48	SW	2	c	29.68	-.33	48	47	+9	W	1	og	*	49	38	o, c, or, o	0.0	0.18		
GERMANY, & C.	The Scaw (Skagen)	29.53	39	WNW	2	c	29.29	-.38	39	39	+2	WSW	5	o	1	41	36	*	*	-	
	Fanö...	29.92	37	SW	6	r	29.48	-.32	38	37	+3	SW	4	bc	*	39	34	*	*	0.24	
	Cuxhaven†...	29.84	33	SSW	5	o	29.63	-.35	35	98	+6	S	5	rm	*	36	29	*	*	0.04	
	The Helder...	29.80	41	SSW	4	o	29.60	-.32	40	40	+1	SSW	4	rm	*	41	37	*	*	-	
	Brussels...	*	*	*	*	*	29.74	-.35	38	38	+7	SW	3	r	*	38	30	*	*	0.16	
	Berlin†...	29.99	28	WNW	3	b	29.82	-.26	31	75	0	S	4	c	*	34	27	*	*	-	
	Frankfurt†...	30.12	24	SW	2	b	29.98	-.17	26	92	-1	SW	6	o	*	32	21	*	*	-	
Munich†...	30.23	23	W	2	o	30.21	+0.03	12	97	-10	SE	1	b	*	25	12	*	*	-		
FRANCE.	C. Gris Nez	29.86	45	W	2	o	29.69	-.33	46	46	+4	WSW	3	o	3	46	42	*	*	0.43	
	La Hève...	30.00	43	SW	5	o	29.78	-.34	44	44	+5	WSW	4	r	5	45	39	*	*	0.32	
	Brest...	30.11	51	WSW	4	f	29.87	-.33	51	51	+2	NW	4	o	5	52	49	*	*	0.20	
	Lorient...	30.09	50	WNW	4	m	29.85	-.32	51	51	+5	N	5	o	?	52	39	*	*	0.35	
	Rochefort...	30.21	46	S	3	o	30.03	-.18	50	50	+14	WSW	4	o	*	?	?	c, o	*	0.39	
	Biarritz...	30.27	43	SE	3	o	30.20		49	46		SW	4	r	4	45	36	*	*	0.12	
	Paris...	30.08	36	SSW	3	o	29.85	-.31	41	41	+7	SSW	4	r	*	?	?	*	*	0.24	
	Belfort...																	*	*	-	
	Lyons...	30.23	23	WNW	1	b	30.19	+0.07	20	19	-5	ESE	1	o	*	32	16	*	*	-	
	Nice...	29.89	42	2	0	a	30.03	+0.28	37	33	-5	SW	2	b	4	46	36	*	*	-	
Perpignan...	30.08	41	NW	5	b	30.12	+0.14	45	38	+7	NW	2	b	*	45	37	*	*	-		
Sanguinaire...	29.65	52	WNW	3	o	29.85		47	46		NW	4	r	4	57	46	*	*	0.16		
SPANISH PENIN.	Corunna...																	*	*	-	
	Lisbon...	30.30	47	NNW	4	b	30.35		48	46		N	2	b	*	54	46	*	*	-	
	Azores (P. Delgada)...																	*	*	-	
„ Horta...	30.58	55	SSE	2	o	30.52	-.10	54	51	-1	ESE	4	b	2	57	54	*	*	-		

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

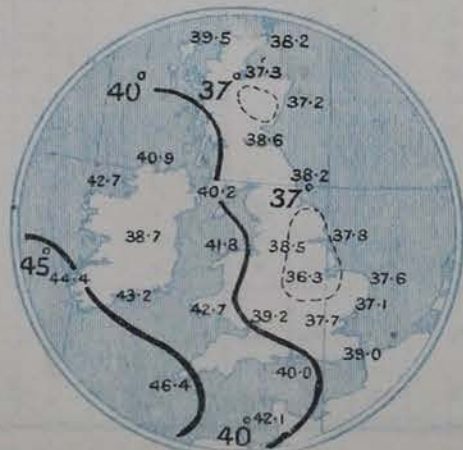
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



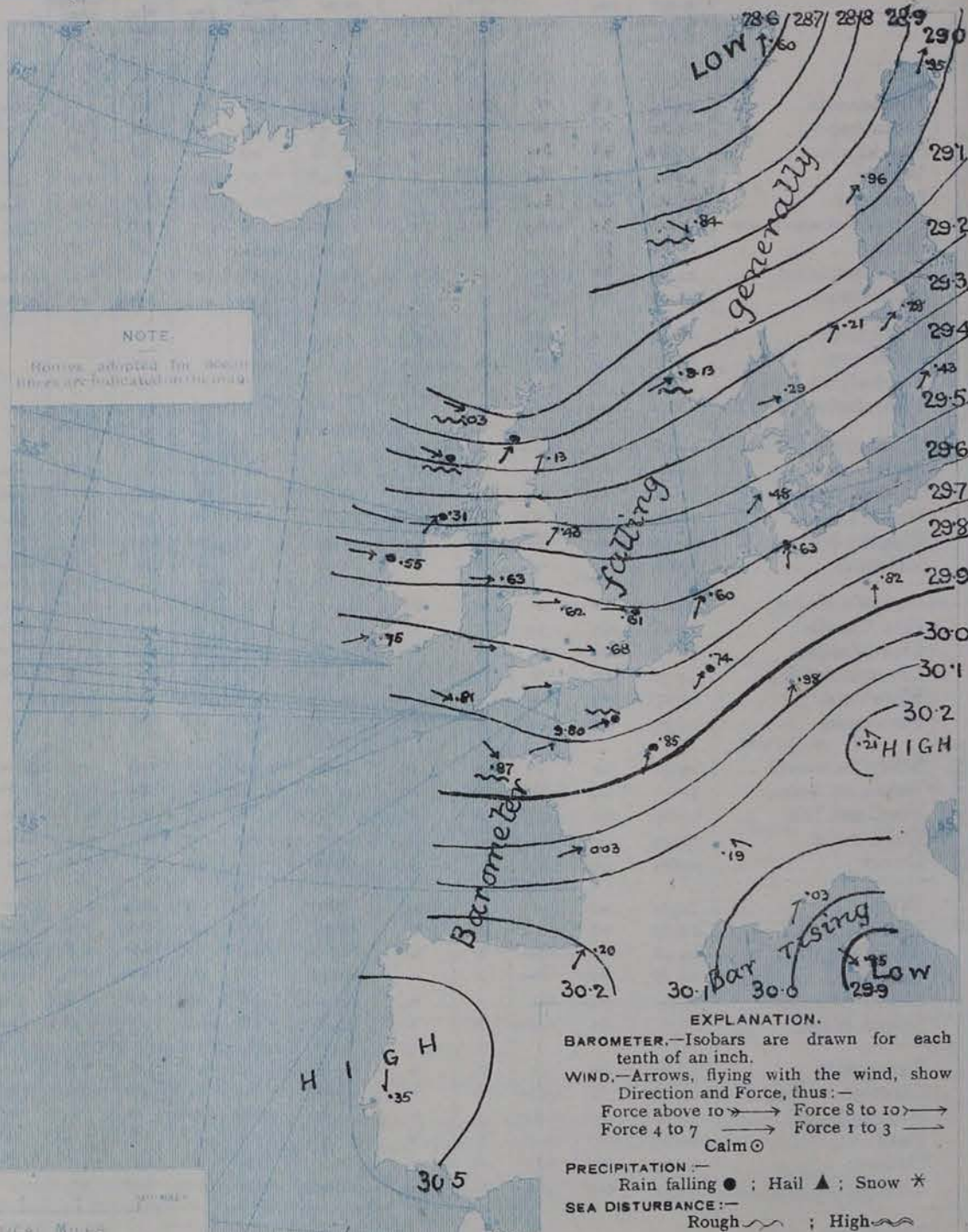
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Monday,

WEATHER

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



EXPLANATION.

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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

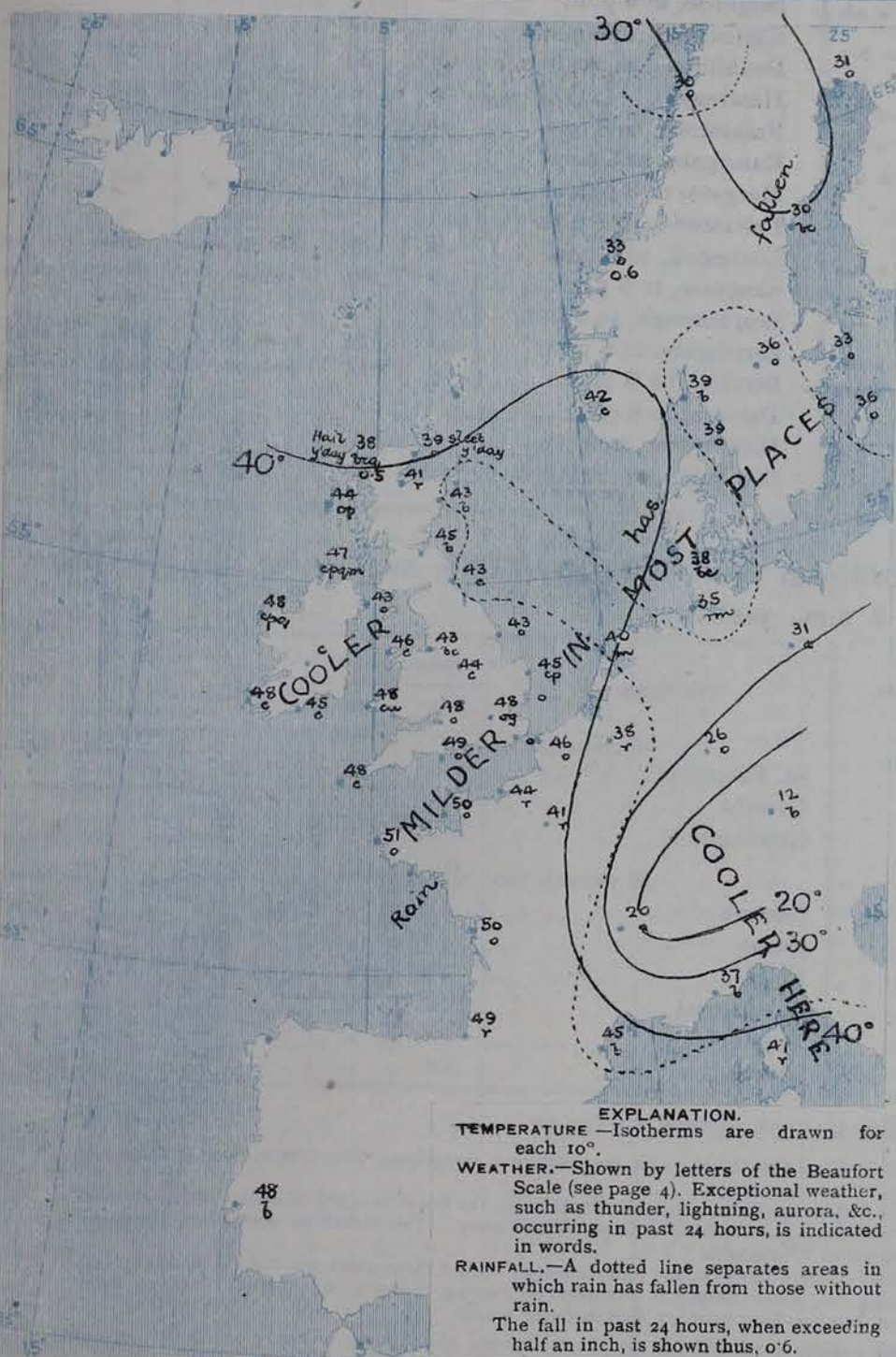
A very deep cyclonic system is moving eastward in the vicinity of the Arctic Circle, the barometer is falling over nearly the whole region under observation, and at Bodø it is now down to 28.6 ins. Over Spain and Bavaria pressure is above 30.2 ins. Excepting in the more southern parts of Europe and over our south western districts the gradient is considerable.

South-Westerly to Westerly winds are reported generally, light or moderate in force in most regions, but fresh to high at some of our own northern stations and in Southern Scandinavia. Temperature has risen over Eastern Britain and from the north of France across to Southern Sweden, fallen elsewhere. At the home stations the values range from 38° at Hornsey to 50° at Issey; in Scandinavia from 30° at Bodø and Skutumpah to 42° at Skutumpah; and over the western portion of the Continent from 12° at Munich to 51° at Brest. Both at home and abroad the weather is mostly very cloudy or dull, with rain in various parts of the British Isles, France and the Low Countries. The sea is rough or rather rough along the north of Scotland and across to the Norwegian coast, rather rough on the north coast of France, moderate to smooth elsewhere.

CHARTS

11th January 1909.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° and upwards in many parts of England and Ireland, to 54° at Torquay. Rain has fallen in all districts, hail in the Hebrides, sleet in Caithness. In most cases the amounts registered are small, but Stornoway and Killy report about half an inch. Scarborough reports 2.5 hours of bright sunshine, but most other places had none or less than an hour.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

The weather over the British Isles will remain under the influence of the Arctic disturbance and small secondaries crossing the country from west to east. Westerly breezes and a mild, humid atmosphere will prevail generally during the ensuing twenty-four hours.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- | | | |
|----|---|---|
| 0 | a | Westerly (South-Westerly to North-Westerly) winds, fresh to strong at times; unsettled; some rain or sleet; moderate temperature. |
| | b | |
| 1 | | |
| 2 | a | Light or moderate Westerly breezes; cloudy to dull and damp, some rain; mild. |
| | b | |
| 3 | | |
| 4 | a | |
| | b | |
| 5 | | |
| 6 | a | Same as Nos. 0 and 1. |
| | b | |
| 7 | a | |
| | b | |
| 8 | a | Same as Nos. 2 to 5. |
| | b | |
| 9 | a | |
| | b | |
| 10 | a | Same as Nos. 0 and 1. |
| | b | |
| | a | |
| | b | |
| | a | Same as Nos. 2 to 5. |
| | b | |

II WESTERN CHANNEL AND BAY

Westerly and South-Westerly breezes, fresh at times; sea slight to rather rough; generally dull, some showers and fog; mild.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

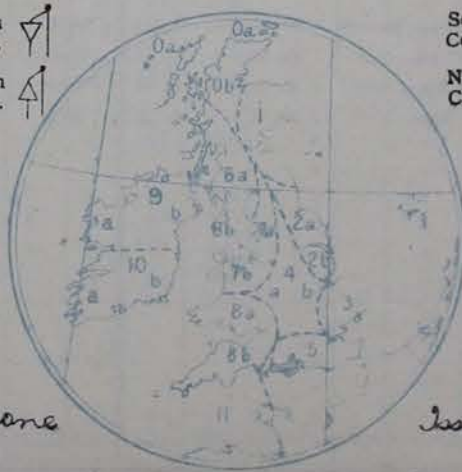
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	50	45	cp, or	*	0.06	Brighton, to 6 p.m. ...	46	35	*	0.0	0.06
Rossall Beach, to 6 p.m....	45	41	or, c, or	*	0.24	Eastbourne, to 6 p.m. ...	50	38	*	0.4	0.08
Blackpool, to 9 p.m. ...	46	42	o, r	0.0	0.24	Bexhill-on-Sea, to 9 p.m. ...	47	34	c, e	0.0	0.05
Southport, to 9 p.m. ...	46	42	or, o	0.0	0.12	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	50	44	*	0.0	0.19	Folkestone, to 6 p.m. ...	46	33	c, or, c, o	0.2	0.06
Colwyn Bay, to 6 p.m. ...	49	42	bc, r	0.0	0.22	Ramsgate, to 6 p.m. ...	*	*	*	1.0	*
Llandudno, to 9 p.m. ...	49	44	or, o	0.0	-	Margate, to 6 p.m. ...	46	32	r, m, o	0.9	0.07
Bettws-y-Coed, to 6 p.m. ...						Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m. ...	46	40	p, or, or	0.0	0.14	Lowestoft, to 6 p.m. ...	46	32	bc, c, od, o	0.0	0.05
Aberystwyth, to 6 p.m. ...	47	35	*	0.1	0.17	Skegness, to 6 p.m. ...	48	39	r, bc	1.8	0.12
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	48	39		2.5	
Torquay, to 6 p.m. ...	54	35	*	1.9	0.01	Harrogate, to 6 p.m. ...	46	39	c, or, bc, b	1.9	0.03
Weymouth, to 6 p.m. ...	51	35	cd, bc, r	1.1	0.03	Buxton, to 6 p.m. ...	43	38	om, or, c	0.0	0.20
Bournemouth to 6 p.m. ...	52	33	c, b, o	1.7	0.02	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...	49	34	*	0.0	0.03	Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	47	35	r, o	0.0	0.07	Birmingham, to 9 p.m. ...	50	39	c, r, o	0.6	0.12

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

STATIONS. 10th January, 1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 10th January, 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...			Observations not received.	Ins.	St. Petersburg ...				Ins.
Marseilles ...					Utrecht ...				
Malta ...					Groningen ...				
Algiers ...									
Tunis ...					9th January, 1909. 1.30 p.m.			1.30 p.m.	Measured
Palermo ...					Geneva ...	32	*	b	7.30 a.m. 6.28
Naples ...					Berne ...	25	*	b	0.12
Brindisi ...					Coire ...	28	*	o	-
Florence ...					Castasegna ...	36	*	o	-
Rome ...					Lugano ...	43	*	o	-
Vienna ...					Davos ...	18	*	s	0.04

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat..	Long.		Direc.	Force.		Air.		Sea.	
							Dry Bulb.	Wet Bulb.		
	0	0	Ins.				0	0	0	
Corsican, 10 am. Jan 10th	51 N.	16 W.	29.96	WSW	gale	-	-	-	-	-
" " 1 pm. "	51 N.	17 W.	29.95	WSW	gale	0	-	-	-	-
Monmouth 3 pm. "	51 N.	10 W.	? 29.51	WSW	strong	-	-	-	-	-
" " 6 pm. "	51 N.	11 W.	? 29.51	WSW	strong	0	-	-	-	-

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

11th & 12th Jan., 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	8.2	12.1	4.0
Greenwich ...	8.2	12.1	4.1
Wick ...	8.4	12.8	4.12
Valencia ...	8.3	12.8	4.13
	8.57	12.20	3.43
	8.56	12.20	3.44
	8.47	12.49	4.51
	8.47	12.49	4.52

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

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

W. N. SHAW, (Director.)

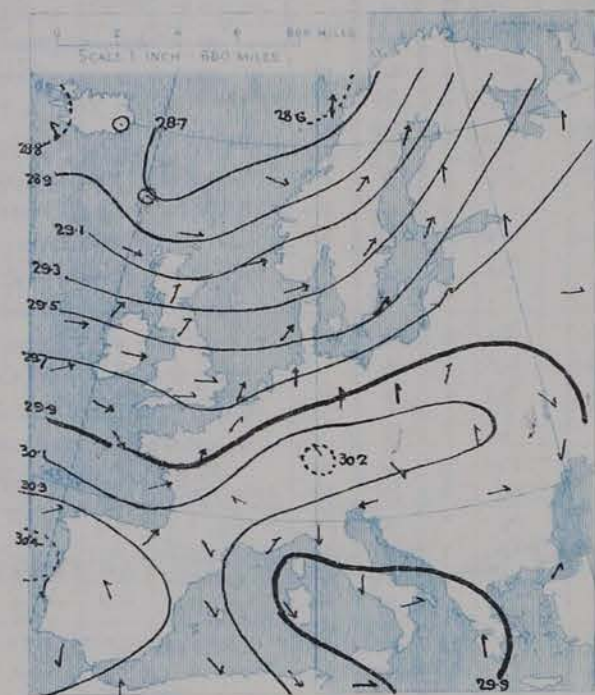
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday
12th January, 1909.

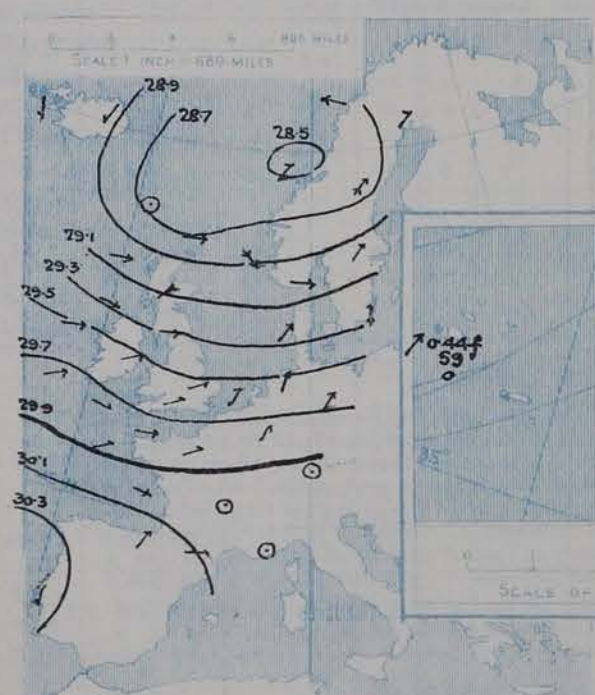
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
				At 33° Fahr. and M.S.L.	Dry Bulb.			Dirac.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.			Wet Bulb.	Change since Yesterday.				Dirac.	Force (0 to 12).	Max.	Min.
		Ins.	"				Ins.	Ins.	"	"	"					"	"		Hours.	Ins.	
SCANDINAVIA.	Haparanda...	28.84	21	SW	2	b	28.49	-46	33	33	+2	SW	6	o	*	33	19	*	*	0.16	
	Hernösand...	28.65	35	SW	8	o	28.70	-26	31	30	+1	S	2	bc	*	36	16	*	*	-	
	Stockholm...	29.05	36	SW	4	o	28.97	-31	35	34	+2	SSW	4	o	*	36	32	*	*	-	
	Wisby...	29.24	37	SW	8	o	29.06	-37	37	36	+1	SW	4	r	*	37	30	*	*	0.04	
	Karlstad...	28.87	36	SE	6	r	28.84	-37	33	33	-3	SW	2	s	*	*	*	*	0.08		
	Färder (X'ania Fjord)	28.85	38	WSW	8	b	28.79	-34	36	33	-3	SW	6	c	4	39	34	*	*	-	
	Bodö...	28.58	27	ESE	4	c	28.51	-09	29	26	-1	ESE	2	c	1	22	23	*	*	-	
ICELAND & FAEROE.	Christiansund...	28.50	35	SW	2	o	28.77	-07	31	31	-2	WNW	2	c	5	34	30	*	*	0.55	
	Skudesnaes...	28.89	37	NW	9	c	28.80	-33	37	32	-5	WNW	4	c	5	42	32	re, c	*	0.28	
	Reykjavik...	28.96	12	N	1	o	29.25	+52	18	*	+7	E	3	s	*	*	*	*	*	*	
	Blönduos...	29.04	19	NE	3	c	29.22	+37	10	*	+4	NE	2	c	*	*	*	*	*	*	
BRITISH ISLANDS.	Seydisfjord...	28.90	19	NE	3	s	29.31	+53	16	*	-4	W	2	b	*	*	*	*	*	*	
	Thorshavn...	28.62	27	Z	0	o	29.08	+38	28	*	-4	N	3	c	*	*	*	*	*	*	
	Sumburgh Head	28.70	34	W	4	o	28.74	-10	32	32	-4	W	3	s	2	37	30	osp, o	*	0.40	
	Stornoway...	28.99	35	W	7	oq	29.17	+14	35	35	-3	NW	7	sq,	6	39	29	cpq, cphsq,	1.0	0.25	
	Castlebay (Barra Id.)	29.16	36	WNW	7	chp	29.33	+13	39	35	-5	WNW	6	cq	6	44	32	g, shq, o, c	0.6	0.05	
	Malin Head...	29.24	39	WNW	7	chp	29.38	+07	40	38	-7	WNW	8	bcphq	7	47	34	chp, cphl	*	0.22	
	Blacksod Pt.	29.50	45	W	6	bcq	29.69	+14	38	36	-10	WNW	6	cpq	5	48	37	cpq, cpm	*	0.15	
	Valencia...	29.72	48	WSW	5	cp	29.85	+10	45	40	-3	W	5	bc	5	50	43	cp, cp	0.3	0.12	
	Roche's Point...	29.68	47	W	3	c	29.81	+05	42	40	-3	NW	2	bc	2	50	42	c, bc, c, bc	*	0.01	
	Birr Castle...	29.57	44	W	4	c	29.73	+10	38	36	-8	WSW	4	b	*	49	35	cp, b	1.2	0.03	
GERMANY, &c.	Donaghadee...	29.37	42	WSW	5	cq	29.53	+01	35	33	-8	W	5	bcq	3	46	32	bcq, sq	*	0.02	
	Liverpool Obsy...	29.48	47	SW	6	o	29.56	-06	40	36	-3	WSW	7	c	7	48	37	o, bc, c	0.3	0.05	
	Holyhead...	29.51	47	WSW	6	bcq	29.61	-02	41	38	-5	WNW	7	c	5	48	38	c, bcq, q	*	-	
	Pembroke (St. Ann's Hd.)	29.63	49	WSW	6	c	29.75	+03	45	41	-3	W	6	bcq	5	50	44	cu, bc, q	3.0	-	
	Scilly (St. Mary's)	29.79	50	WNW	3	c	29.84	+03	49	46	+1	W	4	o	3	51	48	cpm, c	0.7	0.10	
	Jersey (St. Aubina)	29.79	50	W	4	o	29.88	+08	50	47	0	WNW	5	c	4	52	47	cpm, bc, om	0.7	0.04	
	Portland Bill...	29.69	49	W	3	c	29.76	+04	48	46	-1	WNW	5	bc	4	50	45	c	2.3	-	
	Dungeness...	29.62	46	W	3	c	29.68	+00	44	41	-3	W	4	bc	4	50	41	bc, bc	1.2	0.01	
	Dover...	29.64	44	WSW	2	b	29.68	+00	42	38	-6	W	2	b	3	50	41	o, b	1.2	-	
	Wick...	28.93	33	W	4	s	29.05	+08	34	32	-5	W	7	ow	5	40	29	s	*	0.18	
FRANCE.	Nairn...	29.05	32	W	3	s	29.11	+02	33	32	-8	W	4	s	3	41	29	pq, spq	0.4	0.35	
	Aberdeen...	29.08	36	SW	3	c	29.15	+02	32	32	-11	WSW	5	s	2	45	30	bcq, bcspq	2.8	0.09	
	Leith...	29.20	39	WSW	3	c	29.29	+00	33	33	-12	SW	3	c	*	46	31	spq, cp, ops	*	0.15	
	North Shields...	29.26	43	W	5	c	29.36	-07	34	32	-9	W	4	c	2	50	32	bc, p, c, s	*	0.02	
	Spurn Head...	29.39	44	WSW	5	c	29.44	-12	37	36	-6	W	5	b	4	48	36	bc, c, bcq	*	0.01	
	Yarmouth...	29.52	43	WSW	2	bcu	29.57	-04	37	37	-8	W	2	bc	3	49	36	bc, bcu	5.0	-	
	Clacton-on-Sea...	29.59	42	SW	2	bc	29.63	-02	39	37	-5	W	3	bc	2	47	38	om, f, bc	1.7	-	
	Nottingham...	29.48	44	W	3	b	29.58	-04	38	37	-6	WNW	6	r	*	49	37	b, bcq	3.6	0.02	
	Bath...	29.65	48	W	1	o	29.75	+03	43	43	-5	W	2	b	*	51	42	-	3.8	-	
	Oxford...	29.60	44	WSW	4	b	29.71	+04	41	38	-5	WSW	3	cp	*	49	40	o, b	*	-	
SPANISH PENIN.	London (St. James's Pk)	29.61	47	SW	3	bc	29.67	-01	42	39	-6	WSW	3	b	*	51	42	bc, bc	1.3	0.01	
	The Scaw (Skagen)	29.04	39	W	5	o	28.89	-40	36	35	-3	W	3	c	1	43	34	*	*	0.08	
	Fanö...	29.28	39	SW	6	o	29.13	-35	33	33	-5	NW	8	c	*	39	33	*	*	0.24	
	Cuxhaven†...	29.48	37	SSW	5	o	29.28	-35	36	34	+1	W	6	cq	*	41	35	*	*	0.04	
GERMANY, &c.	The Helder...	29.51	42	SW	3	b	29.47	-13	41	37	+1	W	7	c	5	43	37	*	*	-	
	Brussels...	*	*	*	*	*	29.68	-06	42	41	+4	WSW	3	c	*	45	37	*	*	0.20	
	Berlin†...	29.65	35	SW	4	r	29.46	-36	38	37	+7	SSW	4	o	*	36	28	*	*	0.04	
	Frankfurt†...	29.78	35	SW	3	r	29.69	-29	39	34	+13	SW	5	o	*	39	26	*	*	0.12	
	Munich†...	29.96	28	Z	0	o	29.84	-37	36	33	+24	SW	5	o	*	37	12	*	*	0.08	
	C. Gris Nez...	29.63	46	WSW	4	o	29.67	-02	45	42	-1	WNW	6	b	6	48	45	*	*	-	
	La Hève...	29.73	46	WSW	5	o	29.87	+09	45	43	+1	WSW	6	o	5	50	43	*	*	0.04	
	Brest...	29.86	52	WSW	3	f	30.02	+15	51	51	0	W	3	o	3	54	48	*	*	0.12	
	Lorient...	29.84	52	WSW	5	r	?	?	51	51	0	W	4	r	4	52	48	*	*	0.16	
	Rochefort...	29.99	50	WNW	4	r	30.08	+05	50	50	0	WNW	4	o	5	55	46	*	*	0.24	
FRANCE.	Biarritz...	30.17	50	SW	4	r	30.27	+07	55	52	+6	WSW	7	o	5	55	45	*	*	0.28	
	Paris...	29.78	48	W	3	o	29.87	+02	46	44	+5	WSW	3	o	*	49	45	*	*	0.04	
	Belfort...	30.07	32	Z	0	r	30.05	-14	36	36	+16	SSW	1	r	*	36	20	*	*	0.24	
	Lyons...	30.04	41	Z	0	c	30.00	-03	37	35	0	Z	0	b	2	48	36	*	*	-	
SPANISH PENIN.	Nice...	30.10	48	W	1	o	30.12	+00	57	52	+12	NW	3	o	*	57	45	*	*	-	
	Perpignan...	29.92	?	E	?	?	29.94	+09	48	48	+1	SE	3	m	3	52	48	*	*	-	
SPANISH PENIN.	Sanguinaire...																				
	Corunna...																				
	Lisbon...																				
SPANISH PENIN.	Azores (P. Delgada)...						1														
	" Horta...	30.45	57	S	4	c	30.44	-08	59	58	+5	SW	4	o	2	59	55	*	*	0.04	

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

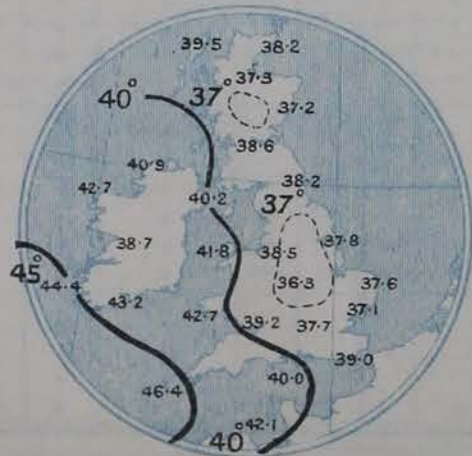
7 A.M. YESTERDAY



6 P.M. YESTERDAY



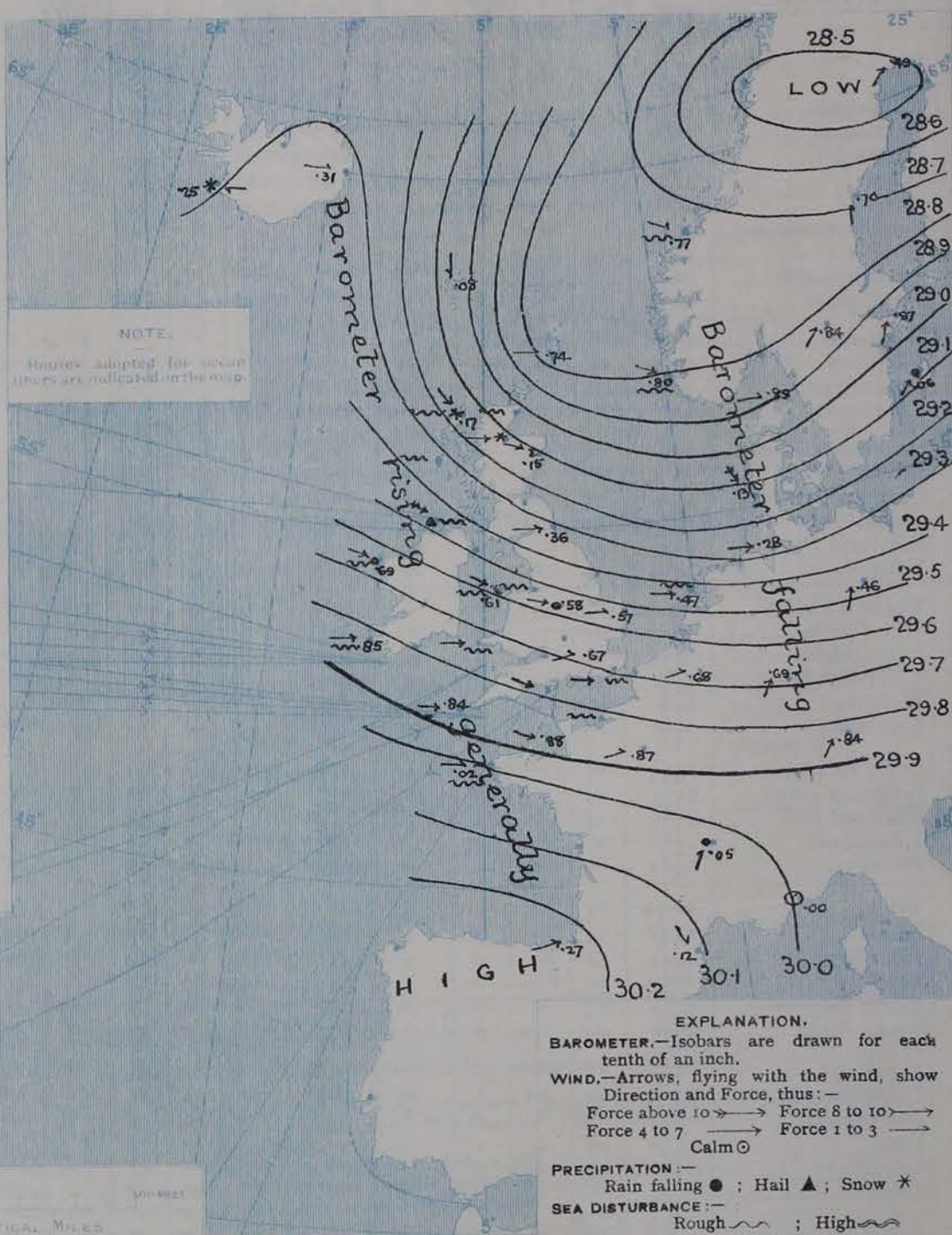
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Tuesday,

WEATHER

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



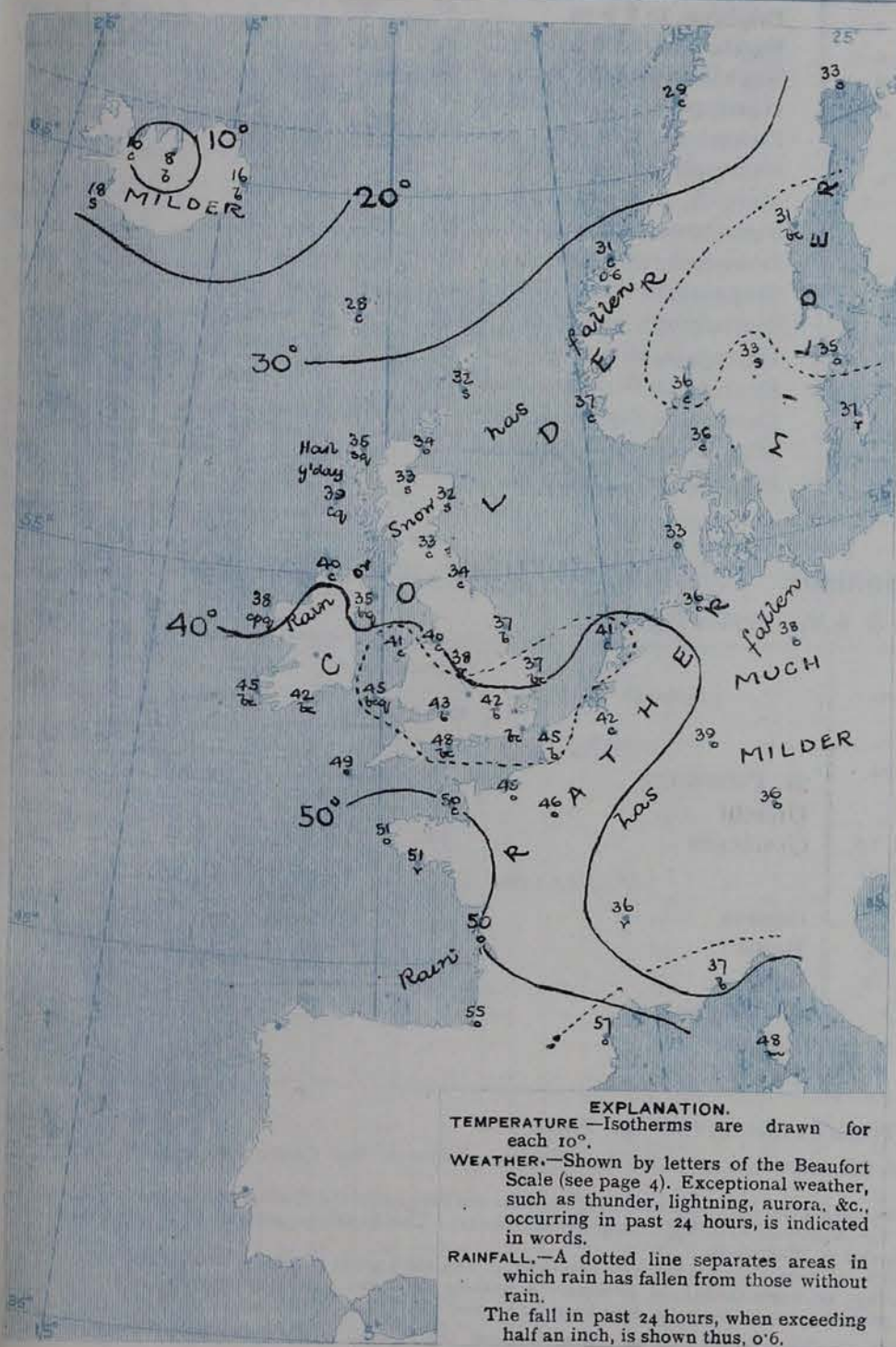
NOTES ON THE GENERAL SITUATION AT 7 A.M.

The Arctic disturbance has now passed to the northern parts of Scandinavia, where the barometer is below 28.5 ins. Thence pressure increases south-westward to about 30.3 ins. on the Spanish Peninsula. There is a considerable gradient over the greater part of the region under observation.

Winds from between North-West and South-West prevail at home and abroad, the force varying greatly, very light in places, a strong or high wind in several localities, a gale on the Danish coast. Temperature has fallen over the British Isles and Norway, risen in most other regions. At the home stations the values range from 32° at Aberdeen and Edinburgh to 50° at Jersey; in Scandinavia from 29° at Bodø to 37° at Skudesnæs and Nisby; over western Europe from 36° at Lyons and Luchaven to 51° at Perpignan; in Iceland from 8° to 18°. The weather is variable, fair or fine and dry in many places, dull and unsettled in others, with rain in our Midland Counties, at Lyons and Nisby, snow over the north and east of Scotland at Skarstad and in the south-west of Iceland. A heavy North-Westerly swell is running on the Mersey bar, the sea is rough round the Hebrides and off Cape Ericsey, rather rough in several other localities.

CHARTS 12th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER.

Rain has fallen at nearly all our southern stations, snow in the north, but no large amounts are reported. Temperature rose yesterday to 50° and upwards in many parts of England and Ireland, but at Stromway the maximum was 39°, and at Dunburgh Head 37°. Slight frost occurred in the night at the more northern stations, nearly all stations reported some sunshine, the records ranging upwards to 4.2 hours at Torquay, and five hours at Yarmouth.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The barometer is now rising in all parts of the British Isles, and a Westerly to North-Westerly type of conditions is likely to prevail generally during the coming twenty-four hours, with variable weather, cold showers in many places.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 { a } Moderating winds between West and North; changeable, some snow, fair intervals; cold.
- 1 { b }
- 2 { a } Westerly and North-Westerly breezes, fresh at times locally; changeable fair or fine, occasional rain or sleet showers; lower temperature.
- 3 { b }
- 4 { a }
- 5 { b }
- 6 { a } Same as Nos. 0 and 1.
- 7 { b }
- 8 { a } Westerly and North-Westerly winds, fresh or strong at times locally; squally, changeable, some rain or sleet showers; rather colder.
- 9 { b }
- 10 { a } Same as Nos. 0 and 1.
- 11 { b } Same as No. 8.

11 WESTERN CHANNEL AND BAY.

Westerly and North-Westerly breezes, fresh at times, sea slight to rather rough; cloudy to fair, passing showers, lower temperature.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

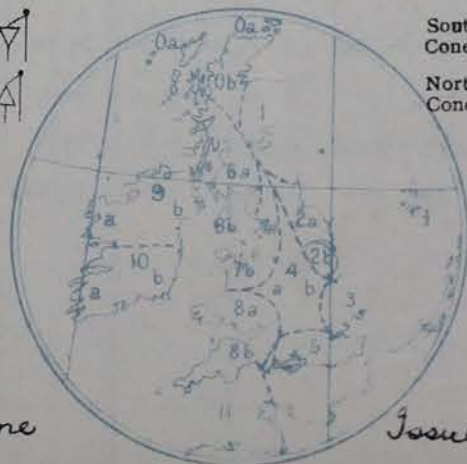
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	51	43	or, c, g, b	*	0.17	Brighton, to 6 p.m. ...	50	44	*	1.8	0.20
Rossall Beach, to 6 p.m....	45	42	or, c, op, r	*	0.12	Eastbourne, to 6 p.m. ...	50	45	*	2.0	0.26
Blackpool, to 9 p.m. ...	47	43	o, op, c	0.0	0.07	Bexhill-on-Sea, to 9 p.m.	50	45	b	1.3	0.19
Southport, to 9 p.m. ...	47	42	og, or, og	0.0	0.07	Hastings ...	*	*	*	1.4	*
Rhyl, to 6 p.m. ...	50	43	*	0.2	-	Folkestone, to 6 p.m. ...	49	42	c, b	0.7	0.24
Colwyn Bay, to 6 p.m. ...	48	44	c, bc, c	0.0	0.11	Ramsgate, to 6 p.m. ...	*	*	*	0.4	0.16
Llandudno, to 9 p.m. ...	47	43	or, cp, o	0.7	?	Margate, to 6 p.m. ...	50	39	r, o	0.0	0.14
Bettws-y-Coed, to 6 p.m.	57	43	c	0.0	*	Felixstowe, to 6 p.m. ...	47	39	-	1.2	0.08
Towyn, to 6 p.m. ...	48	44	o, cp, o	0.1	0.31	Lowestoft, to 6 p.m. ...	50	41	or, c, bc	3.9	0.06
Aberystwyth, to 6 p.m. ...	47	44	*	0.5	0.18	Skegness, to 6 p.m....	47	41	r, c, b, bc	3.4	0.07
Plymouth, to 9 p.m. ...	52	42	bc, r, bu	3.2	0.18	Scarborough, to 9 p.m. ...	49	40	o, bc, o	1.6	0.01
Torquay, to 6 p.m....	53	46	*	4.2	0.04	Harrogate, to 6 p.m. ...	47	39	o, or, b	2.9	0.02
Weymouth, to 6 p.m. ...	51	48	c, bc, c, b	2.3	0.16	Buxton, to 6 p.m. ...	45	38	c, op, c, bc	3.7	0.08
Bournemouth to 6 p.m. ...	52	45	c, bc, b	2.7	0.20	Darwen, to 9 p.m. ...	46	38	od, or	0.0	0.17
Southsea, to 6 p.m....	51	44	*	2.0	0.20	Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	51	39	r, o, c	2.3	0.20	Birmingham, to 9 p.m....	48	42	c	1.0	-

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

STATIONS. <i>(11th Jan. 1909)</i>	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. <i>(11th Jan. 1909)</i>	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	not	received.		Ins.	St. Petersburg ...	27	14	o, o	Ins.
Marseilles ...	45	25	m, m	-	Utrecht ...	39	30	r, r	0.04
Malta ...	56	47	c	0.55	Groningen ...	36	28	o, r	0.08
Algiers ...	50	39	r, r	0.51					
Tunis ...	55	37	r, r	1.50	<i>(10th Jan. 1909)</i>	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Palermo ...	not	received.			Geneva ...	*	*		
Naples ...	49	41	o, o	0.12	Berne ...	*	*		
Brindisi ...	55	36	bc, r	1.18	Coire ...	*	*		
Florence ...	43	36	b, b	-	Castasegna ...	*	*		
Rome ...	51	39	b, b	-	Lugano ...	*	*		
Vienna ...	34	23	b, b	-	Davos ...	*	*		

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Direc.	Force.		Air.	Dry Bulb.	Wet Bulb.	
	°	°	Ins.				°	°	°	
Corisican, 3 p.m. Jan 10th	51 N.	18 W.	29.94	WNW	Strong	-	-	-	-	-
" " 6 p.m. " "	51 N.	19 W.	30.02	WNW	mod.	c	-	-	-	-
Monmouth, 10 a.m. Jan 11th	51 N.	14 W.	29.85	-	-	-	-	-	-	-
" " 1 p.m. " "	51 N.	15 W.	29.86	WNW	Strong	c	-	-	-	-

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

<i>12th-13th Jan 1909.</i>		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	8.2 8.1	12.1 12.2	4.1 4.3
Greenwich ...	...	8.3 8.3	12.8 12.9	4.13 4.15
Wick ...	...	8.56 8.55	12.20 12.21	3.44 3.46
Valencia ...	...	8.47 8.46	12.49 12.50	4.52 4.54

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

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

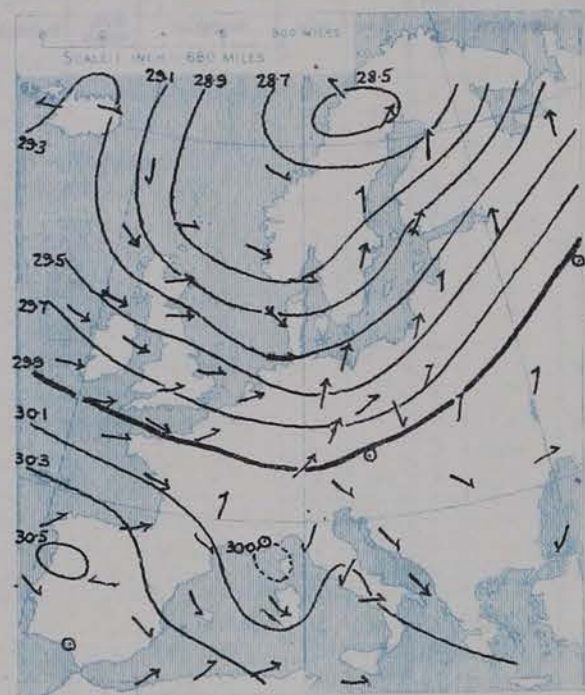
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
13th January, 1909.

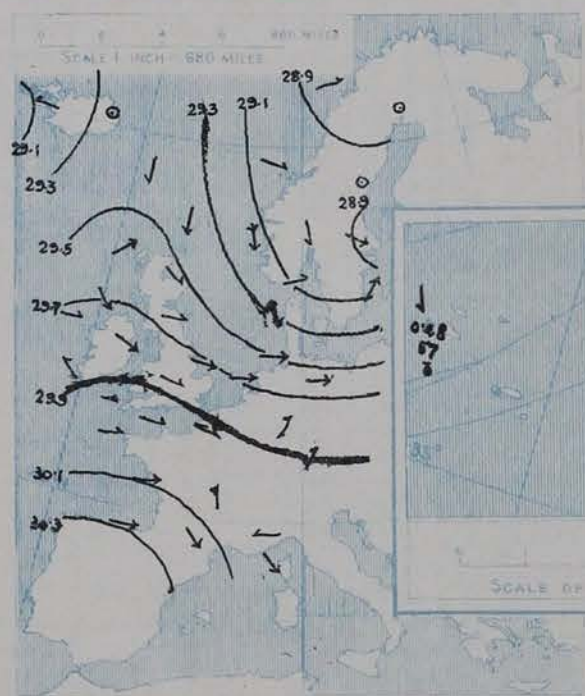
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.			
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.		Force (0 to 12).	Max.				Min.		
SCANDINAVIA.		Ins.	"				Ins.	Ins.	"	"	"				"	"		Hours.	Ins.		
	Haparanda...	28.89	21	2	0	o	28.95	+1.46	8	8	-25	2	0	bc	*	33	28	*	0.04		
	Hernösand...	28.93	25	2	0	b	29.09	+1.39	17	15	-14	NW	2	b	*	36	27	*	-		
	Stockholm...	28.89	32	WNW	4	o	29.21	+1.24	23	21	-12	WNW	2	o	*	36	23	*	0.16		
	Wisby...	28.98	36	SW	6	c	29.21	+1.15	33	31	-4	N	6	o	*	37	30	*	0.20		
	Karlstad...	29.00	27	NW	2	o	29.32	+1.48	22	19	-11	2	0	?m	*	*	*	*	0.04		
	Færder (X'ania Fjord)	29.02	32	NNW	3	b	29.34	+1.55	30	26	-6	WNW	2	b	4	36	28	*	-		
	Bodö...	28.86	30	WSW	2	c	28.84	+1.33	27	24	-2	NE	4	c	2	32	23	*	-		
	Christiansund...	29.06	32	WNW	3	o	29.17	+1.40	31	30	0	W	6	o	5	34	28	*	0.35		
	Skudesnaes...	29.15	33	NNW	9	s	29.44	+1.64	30	28	-7	N	2	o	4	37	30	o, s	-		
ICELAND & FAEROE.																					
	Reykjavik...	29.12	22	E	1	s	28.65	-1.60	23	*	+5	NE	3	o	*	*	*	*	*		
	Blönduos...	29.19	19	SSE	3	o	28.84	-1.38	15	*	+5	2	0	bc	*	*	*	*	*		
	Seydisfjord...	29.35	12	2	0	c	28.86	-1.45	23	*	+7	2	0	m	*	*	*	*	*		
	Thorshavn...	29.42	25	N	2	bc	28.94	-1.14	34	*	+6	SSW	4	c	*	*	*	*	*		
BRITISH ISLANDS.																					
	Sumburgh Head	29.41	27	N	5	o	29.25	+1.51	34	32	+2	WSW	1	b	2	35	27	b, o	0.03		
	Stornoway...	29.58	30	SW	4	b	29.08	-1.09	38	37	+3	SSW	6	o	5	38	28	cpk, oq,	1.0		
	Castlebay (Barra Id.)	29.63	37	WNW	2	o	29.16	-1.17	44	42	+5	SW	4	op	4	44	34	c, osh, c, op	1.9		
	Malin Head	29.68	39	NW	6	cmg	29.27	-1.11	39	38	-1	SSW	5	opm	3	42	36	cpk, omd	0.09		
	Blacksod Pt.	29.79	42	W	2	cpk	29.36	-1.33	44	43	+6	WSW	6	opm	4	45	35	bek, cp	0.18		
	Valencia	29.82	43	ESE	1	r	29.64	-1.21	47	44	+2	SW	5	o	5	48	39	bep, c	0.07		
	Roche's Point	29.86	41	N	2	o	29.66	-1.15	41	40	-1	WSW	3	bc	3	46	39	c, om, p, bep	0.05		
	Birr Castle	29.83	37	2	0	c	29.50	-1.23	40	39	+2	SSW	3	c	*	42	35	c, p, c	1.7		
	Donaghadee	29.79	34	WSW	2	bc	29.52	-1.01	36	36	+1	SSW	2	r	2	40	33	bc, oq,	0.03		
	Liverpool Obsy...	29.78	39	W	5	b	29.59	+0.03	35	34	-5	SSW	2	o	2	41	34	or, b, bc	2.5		
	Holyhead	29.76	41	WNW	4	b	29.57	-1.04	42	42	+1	SW	4	mm	3	42	37	bc, b	0.11		
	Pembroke (St. Ann's Hd.)	29.87	44	WNW	3	c	29.62	-1.13	41	41	-4	SE	2	c	3	47	40	bcq, bep, c	1.7		
	Scilly (St. Mary's)	29.94	48	WNW	3	o	29.67	-1.17	47	46	-2	WNW	4	o	3	51	46	o	0.1		
	Jersey (St. Aubins)	29.96	48	WNW	3	c	29.60	-1.28	51	50	+1	WSW	6	r	5	51	44	opm, c, om	0.0		
	Portland Bill	29.91	45	NW	2	c	29.56	-1.20	46	46	-2	E	4	d	4	49	43	c, d	2.9		
	Dungeness	29.84	39	W	2	bc	29.64	-1.04	42	40	-2	SE	4	o	4	47	33	bc, x, p, r	3.2		
	Dover	29.86	37	W	1	b	29.67	-1.01	40	39	-2	S	2	o	2	48	33	b, or, o	4.3		
	Wick	29.50	30	NW	4	c	29.22	+1.17	36	34	+2	S	4	au	4	38	25	-	0.15		
	Nairn	29.57	29	WNW	1	o	29.29	+1.18	32	32	-1	W	1	o	1	36	25	ps, bcp, c	1.0		
	Aberdeen	29.57	30	WNW	3	b	29.37	+1.22	33	31	+1	SSW	2	o	2	37	25	bcp, b, o	3.0		
	Leith	29.61	34	W	2	b	29.40	+1.11	37	35	+4	SSE	2	o	*	38	33	c, bc, b, bc	-		
	North Shields	29.66	34	W	3	b	29.54	+1.18	35	34	+1	SW	2	o	2	38	31	b	-		
	Spurn Head	29.68	37	WNW	6	bc	29.61	+1.17	34	33	-3	SSW	3	o	3	40	34	bcq, b, om	-		
	Yarmouth	29.76	37	WNW	4	bc	29.69	+1.12	32	32	-5	SW	2	bc	3	41	32	bc, bc	6.8		
	Clacton-on-Sea	29.83	38	W	3	b	29.68	+1.05	39	37	0	SSE	2	c	2	44	34	bc, b, o, c	6.9		
	Nottingham	29.80	38	WNW	4	bc	29.64	+1.06	32	31	-6	SSW	1	o	*	42	29	bc, b	4.5		
	Bath	29.91	40	W	1	b	29.63	-1.12	38	38	-5	E	1	o	*	47	38	-	3.2		
	Oxford	29.90	36	W	2	b	29.64	-1.07	35	35	-6	SSE	2	od	*	43	35	c, bc, od	0.04		
	London (St. James's Pt)	29.87	40	WNW	2	b	29.66	-1.01	38	37	-4	NE	1	o	*	46	36	bc, b, p, d	2.9		
GERMANY, & C.																					
	The Scaw (Skagen)	29.03	33	WSW	2	b	29.37	+1.48	34	32	-2	NNW	3	o	1	39	32	*	0.04		
	Fanö	29.34	37	NW	8	b	29.57	+1.44	34	31	+1	NW	2	b	*	39	32	b, l	-		
	Cuxhaven†	29.43	37	W	5	b	29.66	+1.38	38	36	-3	W	3	b	*	37	34	*	0.08		
	The Helder	29.67	40	W	7	b	29.71	+1.24	38	36	-3	SW	2	bc	2	41	37	*	-		
	Brussels	*	*	*	*	*	29.79	+1.11	33	32	-9	SSE	2	o	*	45	32	*	-		
	Berlin†	29.53	34	W	4	o	29.71	+1.25	34	35	-4	W	3	o	*	41	32	*	0.16		
	Frankfurt†	29.85	36	SW	1	b	29.87	+1.18	32	32	-7	S	1	o	*	45	32	*	-		
	Munich†	29.85	40	SW	6	o	29.95	+1.11	32	30	+4	SW	2	s	*	41	32	*	0.12		
FRANCE.																					
	C. Gris Nez	29.82	43	W	6	b	29.66	-1.01	37	37	-8	S	3	r	3	46	37	*	0.04		
	La Hève	29.97	44	NW	3	c	29.65	-1.22	46	45	+1	SSW	4	r	3	46	41	*	0.47		
	Brest	30.03	50	W	2	o	29.70	-1.32	52	52	+1	W	5	o	5	52	48	*	0.24		
	Lorient	29.99	50	WNW	4	o	29.69	-1.32	52	52	+1	WSW	8	m	*	54	50	*	0.67		
	Rochefort	30.06	52	W	5	r	29.94	-1.14	53	52	+3	WSW	6	o	*	55	50	o	0.39		
	Biarritz	30.30	55	W	7	o	30.19	-1.08	53	48	-2	SSW	4	c	5	55	52	*	-		
	Paris	29.94	44	WSW	2	o	29.76	-1.11	42	42	-4	SSE	3	r	*	49	36	*	0.51		
	Belfort	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Lyons	30.07	40	S	1	r	30.04	-1.01	37	37	+1	S	1	r	*	?	?	*	0.51		
	Nice	29.97	43	E	1	bc	29.90	-1.10	43	41	+6	2	0	o	2	50	37	*	-		
	Perpignan	30.14	57	NW	6	bc	30.09	-1.03	56	47	-2	NW	6	c	*	62	54	*	-		
	Sanguinaire	29.92	50	NW	4	m	29.84	-1.10	54	53	+6	WNW	5	m	5	57	43	*	-		
SPANISH PENIN.																					
	Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Lisbon	29.99	50	WNW	4	o	30.42	-1.05	51	50	0	NW	1	bc	*	57	50	*	-		
	Azores (P. Delgada)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-		
	" Horta	30.47	60	SSW	4	r	30.48	+1.04	57	56	-2	NNW	1	b	2	64	57	*	0.32		

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

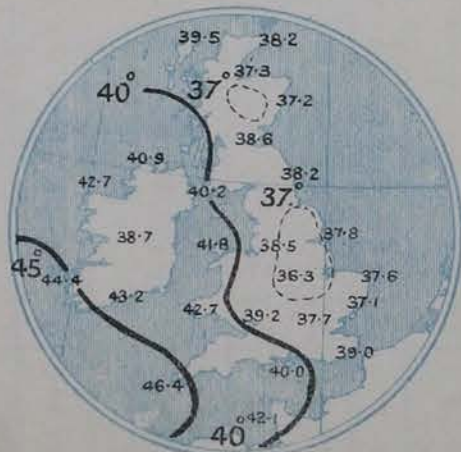
7 A.M. YESTERDAY



6 P.M. YESTERDAY



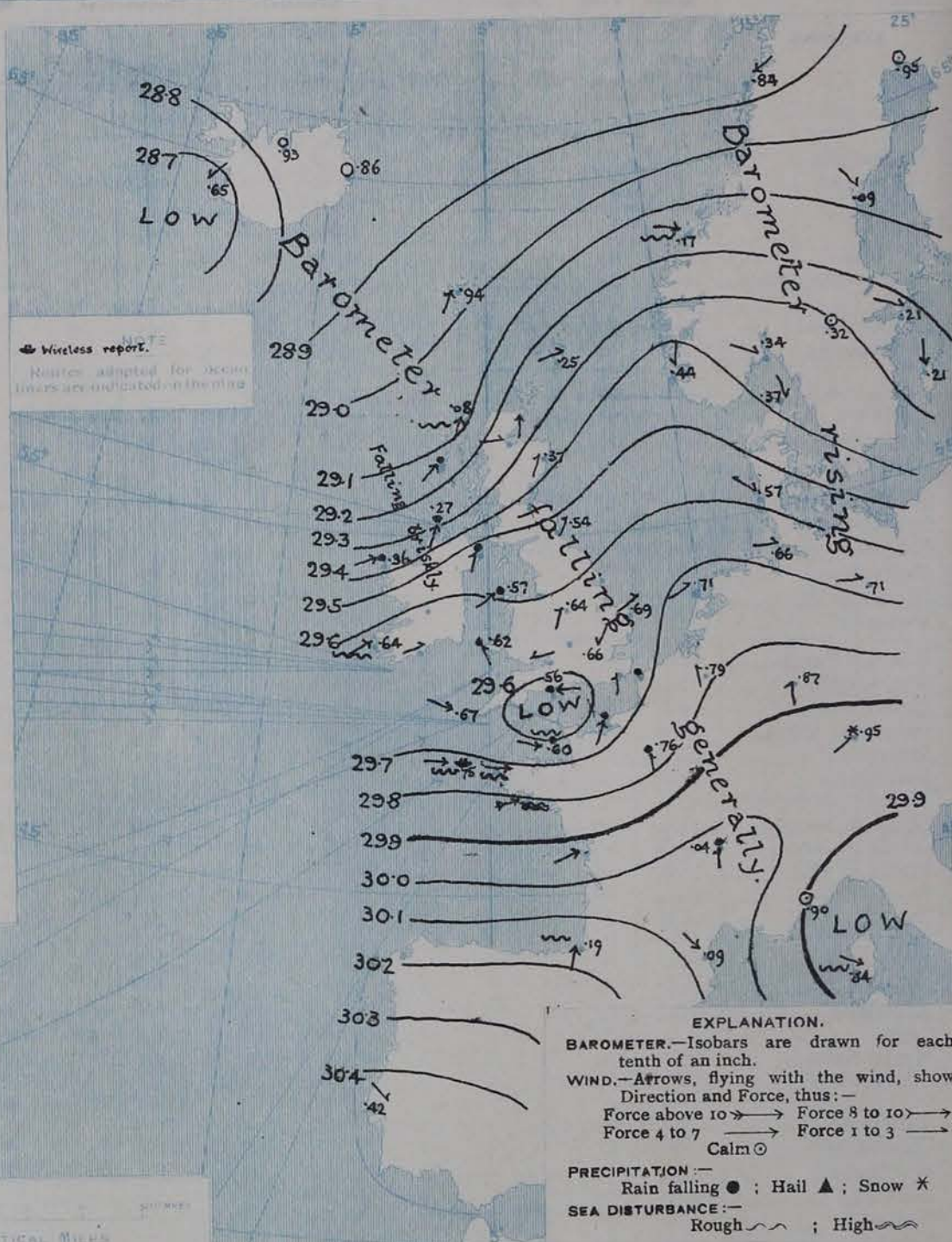
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Wednesday,

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

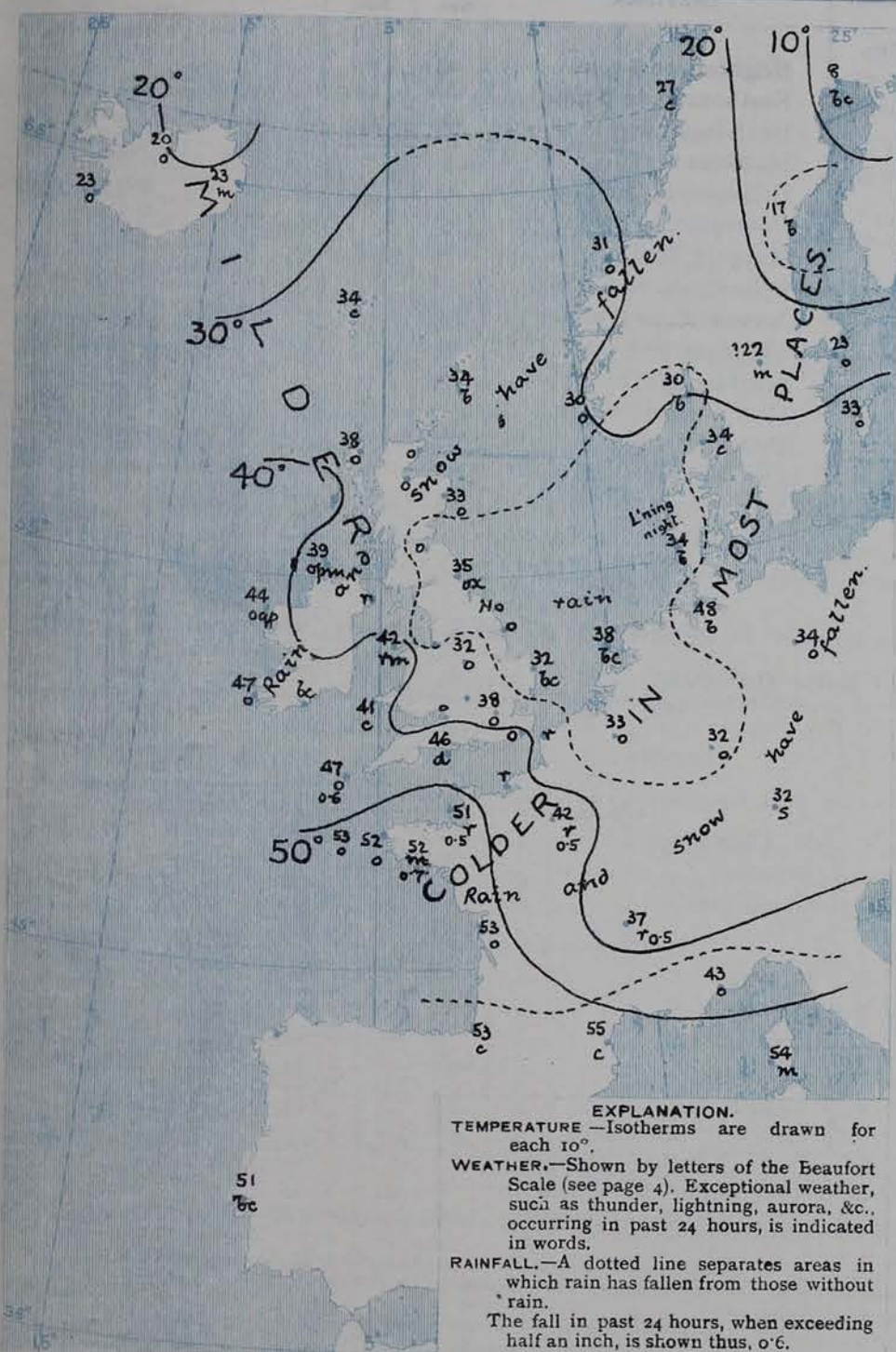
In the course of the past night a shallow secondary depression has moved up the English Channel, and the pressure minimum is now between Portland and Jersey, below 29.6 ins. An extensive low pressure system is indicated beyond our western coasts, where pressure is giving way rapidly, and in the south-west of Iceland it is as low as 28.65 ins. Over south-western Europe pressure is above 30.2 ins. The gradient is moderate to slight in most regions, but it is increasing over our western and northern districts.

Easterly breezes are reported over the more southern counties of England and Wales, southerly to westerly in nearly all other parts of our area. As a rule the force is moderate to very light, but fresh to strong winds are blowing at most of our western stations, on the Bay of Biscay, and locally in Scandinavia. Temperature has changed irregularly, fallen in most regions. At the same stations the values range from 32° at Nairn, Nottingham and Yarmouth to 51° at Jersey; in Scandinavia from 8° at Sapaaranda to 33° at Helsingfors; over western Europe from 32° at Frankfurt and Munich to 55° at Perpignan; and in Iceland from 15° to 23°. On the upper part of the Bay of Biscay the temperature of the air and of the sea water is 53°. Very cloudy or overcast skies prevail at home and abroad, with rain at many of our western and southern stations and in the north of France, and snow at Munich. The sea is rather rough in several isolated situations on our own and the Continental coasts.

CHARTS

13th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature touched 51° at Scilly, Jersey and Torquay, but in most districts it remained below 45°, and in Scotland and the north-east of England the maxima were from 35° to 38°. Rain has fallen in most localities, hail, sleet or snow showers in the north. In nearly all cases the amounts registered are small, but Scilly reports 0.6 inch. Nearly every station reports bright sunshine, most of the east coast ones registering between five and seven hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The Channel-depression will occasion Easterly breezes, with rain or snow over our more southern counties, and the Atlantic depression will bring South-Westerly strong winds or gales to our western coasts, and unsettled weather generally.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 } S. and S.W. winds, strong to a gale; squally, unsettled, some rain or snow; rather cold.
- 1 } Freshening S. and S.W. winds; unsettled, some rain or snow; rather cold.
- 2 }
- 3 } Very variable breezes, at first E. light to moderate; very unsettled, some rain, sleet or snow; rather cold.
- 4 }
- 5 }
- 6 } Same as No. 0.
- 7 } Increasing S.W. winds; unsettled, squally, some rain or snow; rather cold.
- 8 }
- 9 } Same as No. 0.
- 10 }

II WESTERN CHANNEL AND BAY

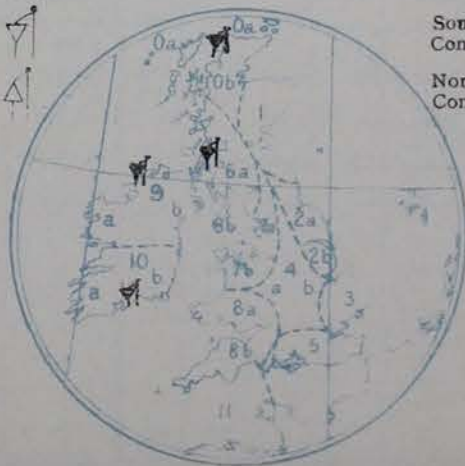
W. and S.W. winds, fresh to strong or high; sea moderate to rough; squally, unsettled, some rain; mild.

FORECAST DISTRICTS.

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

South
Cone.
North
Cone.

South
Cone.
North
Cone.



DAILY WEATHER REPORT.

Wednesday, 13th January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	46	36	p, c, b, bc	*	0.02	Brighton, to 6 p.m. ...	47	43	*	3.4	-
Rossall Beach, to 6 p.m....	44	37	or, c, b, c	*	0.09	Eastbourne, to 6 p.m. ...	49	40	*	2.8	-
Blackpool, to 9 p.m. ...	43	35	rh, bc	5.6	0.14	Bexhill-on-Sea, to 9 p.m.	47	37	bc	3.7	-
Southport, to 9 p.m. ...	45	37	eqh, b, g	4.2	0.30	Hastings ...	*	*	*	3.9	*
Rhyl, to 6 p.m. ...	43	39	*	2.7	-	Folkestone, to 6 p.m. ...	45	36	*	3.9	-
Colwyn Bay, to 6 p.m. ...	41	39	h, bc, b, c	3.4	0.08	Ramsgate, to 6 p.m. ...	*	*	*	4.2	-
Llandudno, to 9 p.m. ...	42	38	o, c, bc, o	2.1	-	Margate, to 6 p.m. ...	44	40	o	4.0	-
Bettws-y-Coed, to 6 p.m.	46	40	c, b, bc, c	1.7	*	Felixstowe, to 6 p.m. ...	43	37	-	6.8	0.01
Towyn, to 6 p.m. ...	44	40	o, p, bc, m	0.5	0.06	Lowestoft, to 6 p.m. ...	41	36	bc, b	6.5	-
Aberystwyth, to 6 p.m. ...	45	40	*	0.0	0.05	Skegness, to 6 p.m. ...	41	34	r, b	6.1	0.04
Plymouth, to 9 p.m. ...	49	42	bc, ov	2.6	0.03	Scarborough, to 9 p.m. ...	46	34	bc	5.5	0.01
Torquay, to 6 p.m. ...	51	45	*	3.4	-	Harrogate, to 6 p.m. ...	42	34	o, b, bc, s	4.4	0.11
Weymouth, to 6 p.m. ...	47	44	b, bc, b	2.9	-	Buxton, to 6 p.m. ...	41	33	c, od, cph, o	0.7	0.26
Bournemouth to 6 p.m. ...	47	41	bc, b, bc	2.7	-	Darwen, to 9 p.m. ...	41	31	o, c, rh, bc	4.1	0.17
Southsea, to 6 p.m. ...	50	43	*	4.5	-	Manchester, to 9 p.m. ...	46	36	o, c, bc, c	2.5	0.19
Worthing, to 6 p.m. ...	47	39	c	3.7	-	Birmingham, to 9 p.m. ...	45	32	c, b	3.2	-

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

STATIONS. 12th Jan., 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 12th Jan., 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	54	46	c, b	Ins.	St. Petersburg ...	?	?	o, o	Ins.
Marseilles ...	46	39	o, bc	0.04	Utrecht ...	43	39	m, c	0.04
Malta ...	56	49	b	0.04	Groningen ...	41	36	f, c	0.08
Algiers ...	52	45	bc, b	0.04	11th Jan., 1909. 1.30 p.m.				
Tunis ...	55	37	c, m	-	Geneva ...	28	*	o	Measured 7.30 a.m.
Palermo ...	not received				Berne ...	27	*	o	
Naples ...	50	42	b, b	-	Coire ...	25	*	b	
Brindisi ...	53	37	o, b	0.28	Castasegna ...	27	*	b	
Florence ...	43	29	b, o	-	Lugano ...	27	*	b	
Rome ...	49	32	b, b	-	Davos ...	16	*	b	
Vienna ...	27	18	b, f	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Dirac.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
H.M.S. 4pm 12th Jan	50.40 N	2.0 W	29.94	NW	5	bc	49	46	49	4
H.M.S. 6pm 12th Jan	49 50	2 30	29.98	WNW	4	o	50	48	52	4
H.M.S. 4am 13th Jan	48 51	4 37	29.75	WSW	6	v	54	53	52	5
H.M.S. 7am 13th Jan	48 36	5 5	29.75	W	7	o	53	52	53	5

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

13th & 14th Jan 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	8.1	12.2	4.3
Greenwich ...	...	8.0	12.2	4.4
Wick ...	...	8.3	12.9	4.15
Valencia ...	...	8.2	12.9	4.16
		8.55	12.21	3.46
		8.54	12.21	3.48
		8.46	12.50	4.54
		8.45	12.50	4.55

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

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

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday
14th January, 1909.

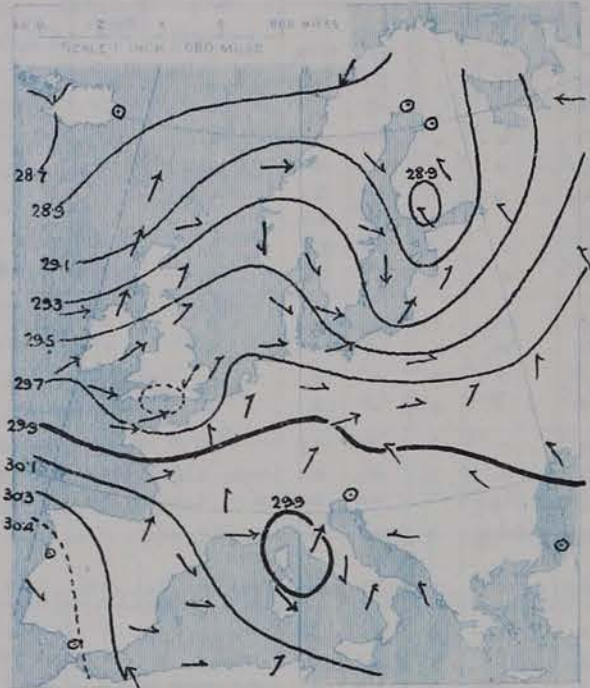
STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.				Barometer.	Temperature.				Wind.					Temp.			Sun.	Rainfall.
	At 32° Fahr. and M.S.L.	Dry Bulb.	Force (0 to 12).	Weather.			At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Force (0 to 12).	Weather.	Sea (0 to 9).			Max.	Min.	Weather.	Shine.	Ins.
	Ins.						Ins.	Ins.												Hours.	
SCANDINAVIA.																					
Haparanda...	29.06	-8	Z	0	0		29.48	+1.53	-12	-12	-20	Z	0	0			21	-12	*	*	-
Hernösand...	29.17	14	NW	2	6		29.23	+1.14	3	2	-14	Z	0	6	*		25	23	*	*	-
Stockholm...	29.30	19	W	2	6		29.24	+1.03	18	17	-5	E	2	6	*		32	18	*	*	-
Wisby...	29.36	28	SW	4	6		29.20	-0.01	24	22	-9	SE	2	6	*		34	24	*	*	-
Karlstad...	29.30	12	Z	0	6		29.18	-1.14	17	17	-3	ENE	2	0	*		*	*	*	*	-
Færder (X'ania Fjord)	29.23	30	Z	0	6		29.03	-1.31	27	25	-3	E	4	0	*		30	27	*	*	-
Bodö...	28.99	31	WSW	2	6		29.08	+1.24	30	27	+3	E	4	0	*		34	25	*	*	-
Christiansund...	29.08	28	NE	1	6		28.89	-1.28	29	27	-2	ESE	3	0	*		36	25	*	*	-
Skudesnaes...	28.99	35	SSE	9	0		28.75	-1.69	37	34	+7	SSE	6	0	*		37	28	S, 0	*	0.08
ICELAND & FAEROE.																					
Reykjavik...	28.78	21	N	7	0		28.81	+1.16	17	*	-6	Z	0	m	*		*	*	*	*	*
Blönduos...	28.89	23	SE	5	0		28.96	+1.12	19	*	+4	SE	2	bc	*		*	*	*	*	*
Seydisfjord...	28.79	26	NNE	5	0		28.88	+1.02	23	*	0	Z	0	s	*		*	*	*	*	*
Thorshavn...	28.32	37	WSW	2	0		28.44	-1.50	28	*	-6	Z	0	b	*		*	*	*	*	*
BRITISH ISLANDS.																					
Sumburgh Head	28.49	38	S	6	r		28.48	-1.77	38	36	+4	S	2	c	3		44	33	0.7	*	0.55
Stornoway...	28.59	38	WSW	6	cq		28.63	-1.45	34	33	-4	NNW	3	bc	3		42	32	org, clp sh	0.1	0.78
Castlebay (Barra Id.)	28.74	41	W	6	opky		28.82	-1.34	42	40	-1	WNW	7	chpky	6		46	35	p, org, l, b, bc	0.3	0.37
Malin Head	28.90	40	WNW	8	chky		28.98	-1.29	42	41	+4	WNW	9	chky	7		45	36	compky, orgky	*	0.15
Blacksod Pt.	29.18	40	W	8	cqp																
Valencia...	29.46	46	WSW	7	org		29.54	-1.10	45	43	-2	W	6	0	6		51	41	org, org, bc	0.0	0.16
Roche's Point	29.41	45	W	5	bc		29.50	-1.16	44	41	+3	WNW	4	bcq	3		51	41	bcq, c, b, bc	*	0.01
Birr Castle	29.26	40	W	6	bc		29.37	-1.13	41	39	+1	W	3	b	*		48	38	chky, b	0.1	0.28
Donaghadee	29.07	38	WSW	5	r		29.11	-1.11	41	37	+5	WSW	5	bq	4		44	32	org, org, sp	*	0.18
Liverpool Obsy...	29.13	40	WSW	6	r		29.19	-1.10	42	37	+7	WSW	7	b	9		47	34	osl, or, o	0.0	0.09
Holyhead	29.18	43	WNW	8	cqp		29.28	-1.29	43	39	+1	WNW	8	b	6		48	39	cmu, cqp	*	0.12
Pembroke (St. Ann's Hd.)	29.32	50	W	8	c		29.45	-1.17	46	42	+5	W	7	cq	6		52	40	cpu, cqp	0.0	0.12
Scilly (St. Mary's)	29.54	49	W	7	op		29.63	-1.04	47	46	0	W	5	0	4		51	46	cpm, c, op	0.0	0.12
Jersey (St. Aubins)	29.64	49	WSW	7	0		29.63	+1.03	49	46	-2	WSW	7	bcq	6		52	46	orgm, org, bc	0.0	0.10
Portland Bill	29.42	49	WSW	6	0		29.50	-1.06	47	45	+1	WNW	6	bcqp	5		50	46	c, o	0.6	0.05
Dungeness	29.40	46	WSW	5	0		29.38	-1.26	44	41	+2	W	6	bc	6		46	39	bc, bcq, bc	0.0	0.03
Dover	29.40	42	SW	4	c		29.41	-1.26	40	37	0	WSW	3	b	5		47	38	od, o, c, bc	0.0	0.07
Wick	28.61	33	W	3	c		28.54	-1.68	35	33	-1	W	4	bc	3		38	30	-	*	0.30
Nairn	28.68	33	WNW	1	0		28.63	-1.66	34	33	+2	W	2	0	2		39	31	o, opq, op	0.0	0.29
Aberdeen	28.74	36	WSW	3	b		28.67	-1.70	36	34	+3	WSW	3	b	2		39	32	ost, bc, ops	0.0	0.14
Leith	28.85	36	W	3	r		28.82	-1.58	39	36	+2	SW	3	c	*		42	33	o, cqp, om	*	0.24
North Shields	28.95	37	WSW	3	cq		28.87	-1.67	40	38	+5	WSW	7	bc	3		40	33	cm, q, rs	*	0.08
Spurn Head	29.02	41	SW	6	c		29.08	-1.53	39	36	+5	W	6	bc	4		41	34	opd, cp, bcq	*	0.01
Yarmouth	29.26	39	SW	3	bcu		29.22	-1.47	37	37	+5	WSW	5	bc	4		39	32	om, bcu	0.0	0.02
Clacton-on-Sea	29.32	40	SSW	4	bc		29.35	-1.33	39	37	0	WNW	4	bc	3		46	37	c, om, c	0.0	-
Nottingham	29.14	43	W	4	r		29.25	-1.39	40	37	+8	W	4	b	*		44	32	opm, r, b	0.0	0.25
Bath	29.35	49	W	3	0		29.47	-1.16	43	43	+5	WNW	2	b	*		49	38	*	0.0	0.04
Oxford	29.28	47	WSW	5	c		29.43	-1.21	40	37	+5	WSW	4	b	*		49	35	od, opq, b	*	0.09
London (St. James's Pl.)	29.34	45	WSW	3	0		29.39	-1.27	41	39	+3	W	3	b	*		48	38	od, or, o, b	0.0	0.02
GERMANY, & C.																					
The Scaw (Skagen)	29.24	34	WSW	4	b		28.95	-1.42	34	33	0	SSE	6	s	2		36	30	*	*	0.04
Fanø	29.09	32	SE	6	s		28.86	-1.71	35	34	+1	WNW	6	0	*		36	30	*	*	0.24
Cuxhaven†	29.40	33	S	2	0		28.96	-1.70	34	36	?	WSW	4	bc	*		37	32	*	*	0.16
The Helder	29.26	33	S	4	r		29.16	-1.55	40	37	+2	W	8	c	6		41	32	*	*	0.24
Brussels	*	*	*	*	*		29.39	-1.40	41	38	+8	W	5	c	*		46	33	*	*	0.16
Berlin†	29.48	33	SE	2	0		29.04	-1.67	36	33	+2	W	3	r	*		37	32	*	*	0.20
Frankfurt†	29.37	36	SW	4	0		29.32	-1.55	42	72	+10	SW	5	0	*		32	32	*	*	0.28
Munich†	29.55	40	W	7	r		29.40	-1.55	44	84	+12	W	7	0	*		45	32	*	*	0.28
FRANCE.																					
C. Gris Nez	?	45	WSW	5	0		29.36	-1.30	44	41	+7	W	8	bc	8		48	37	*	*	-
La Hève	29.58	46	SW	7	0		29.59	-1.06	45	45	-1	W	6	0	6		50	41	*	*	0.20
Brest	29.77	52	WSW	5	0		29.78	+1.08	51	49	-1	WNW	5	0	4		54	48	*	*	-
Lorient	29.76	49	W	7	m		29.76	+1.07	51	50	-1	W	7	r	7		52	48	*	*	0.04
Rocheport	29.90	50	W	4	r		29.90	-1.04	51	50	-2	WNW	4	0	5		55	48	*	*	0.16
Biarritz	30.13	52	SW	6	r		30.10	-1.09	55	53	+2	SW	5	0	5		55	45	*	*	0.04
Paris	29.66	48	W	4	0		29.60	-1.16	46	44	+4	WSW	3	0	*		53	42	*	*	0.08
Belfort																					
Lyons	29.88	46	SSW	2	0		29.88	-1.16	46	44	+9	NNW	1	0	*		46	37	*	*	0.04
Nice	29.82	44	Z	0	b		29.68	-1.22	42	41	-1	Z	0	b	2		52	39	*	*	-
Perpignan	30.00	58	NW	4	b		29.95	-1.14	60	50	+5	W	4	0	*		64	55	*	*	-
Sanguinaire	29.84	54	W	5	0		29.83	-1.01	57	53	+3	WNW	4	r	5		57	48	*	*	-
SPANISH PENIN.																					
Corunna																					
Lisbon																					
Azores (P. Delgada)																					
Horta	30.41	61	SW	2	r		30.30	-1.18	61	59	+4	WSW	4	r	1		63	57	*	*	0.20

SUPPLEMENTARY CHARTS

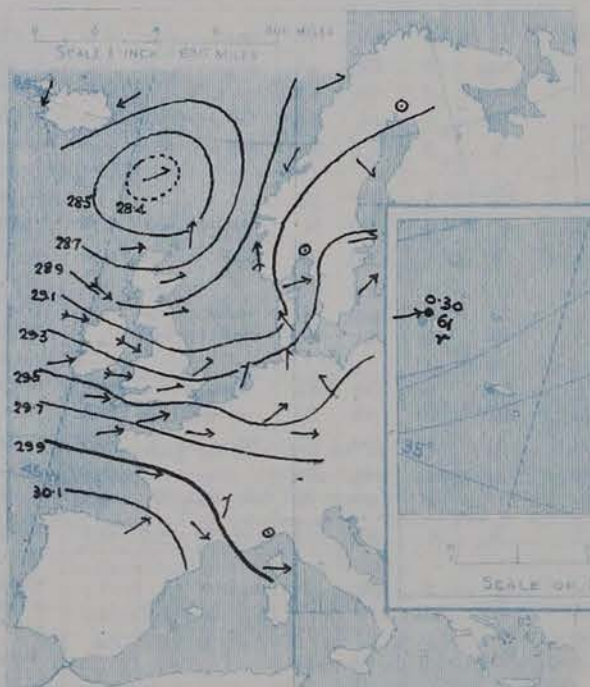
OF BAROMETER AND WIND

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

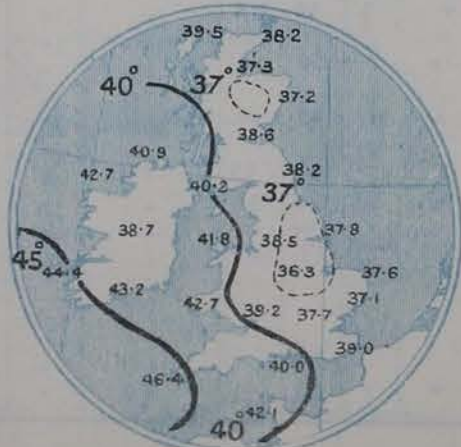
7 A.M. YESTERDAY



6 P.M. YESTERDAY



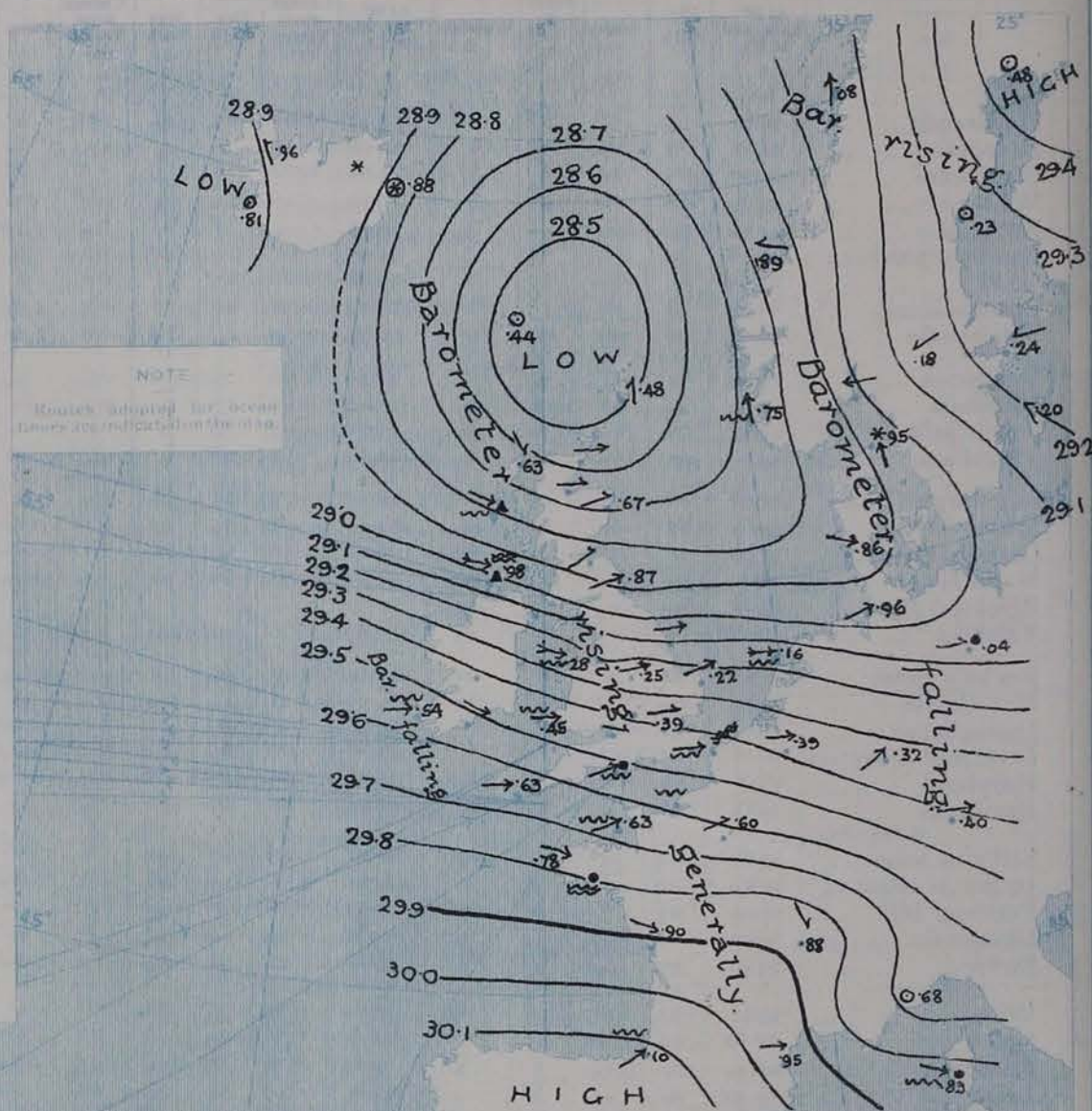
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Thursday,

WEATHER

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



EXPLANATION.

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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

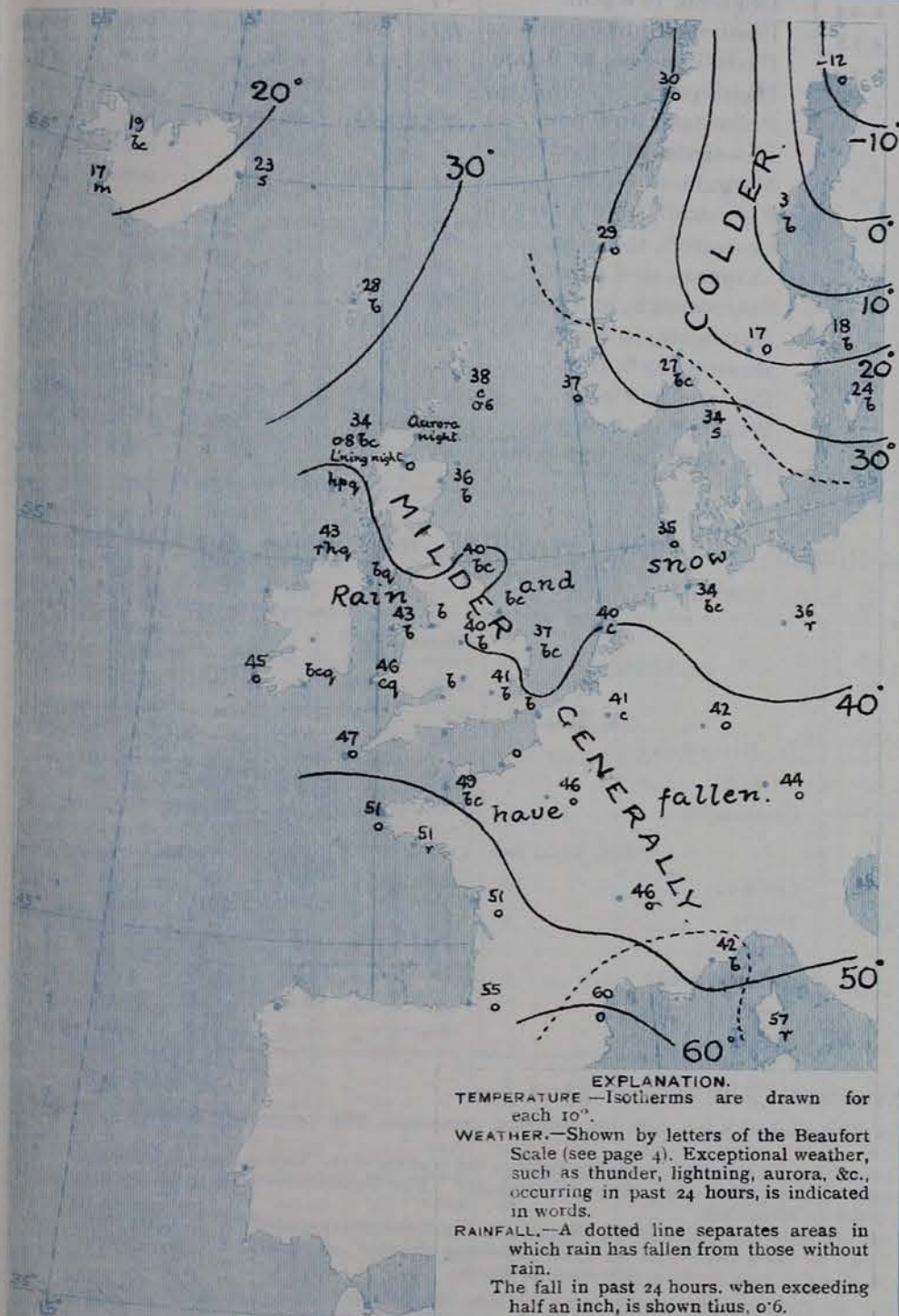
The central space of a very deep cyclonic system now lies between the Faeroë and Shetland, where the barometer is below 28.5 ins. The highest pressures reported are 30.1 ins. at Beatty, and 30.3 ins. at Horta (Azores). The gradient is steep over the greater part of the region under observation.

The winds show a cyclonic circulation round the pressure minimum, the North-Westerly to South-Westerly current over the British Isles and Western Europe being mostly fresh or strong to high in force, a gale at Holyhead and the Helles, a strong gale at Malin Head. The southerly to easterly current in Scandinavia is mostly moderate to very light. Temperature has risen at the majority of the home and foreign stations. Over the British Isles the values range from 34° at Nairn and Stornoway to 49° at Jersey; in Scandinavia from -12° at Haparanda to 37° at Skudesnæs; over the western parts of the Continent from 34° at Aushaven to 60° at Perpignan; in Iceland from 12° to 23°. The weather is fair or fine in many parts of the British Isles and Scandinavia, mostly overcast and dull elsewhere. Violent squalls of rain and hail are reported on the Donegal coast, showers at a few Continental stations, and snow at Skagen, and in eastern Iceland. A very high sea is running on the French side of the Straits of Dover, a high sea off Malin Head and Ushant, and it is rough or rather rough in many other localities.

CHARTS

14th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

Temperature rose yesterday to between 50° and 52° at several of the south western coast stations, but at many of the east coast stations it failed to reach 40°. Rain or sleet fell generally, in small amounts as a rule, but Dunburgh Head measured 0.6 inch and Stromway 0.8 inch. Torquay reports 1.6 hour of bright sunshine, and Scarborough 1.3 hour, nearly all other stations none.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression in the north will probably pass to Norway, but on the Kerry coast the barometer again shows a downward tendency, so that secondary disturbances are expected to cross the country, and changeable Westerly weather is likely to continue.

FORECASTS

For the 24 hours commencing at
NOON TO DAY.

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

- | | | |
|----|---|---|
| 0 | a | Wind between West and North, freshening, changeable, some rain or snow showers; rather cold. |
| 1 | b | |
| 2 | a | Westerly and North. Westerly winds, fresh or strong, moderating later; mostly fair or fine, local showers of rain or sleet; temperature about or a little below the normal. |
| 3 | b | |
| 4 | c | |
| 5 | a | Same as Nos. 0 and 1. |
| 6 | b | |
| 7 | a | North Westerly and Westerly winds, strong to a gale; moderating later; squally, some rain or hail showers, generally fair to fine; moderate temperature. |
| 8 | b | |
| 9 | a | |
| 10 | b | |

11 WESTERN CHANNEL AND BAY

Westerly and North Westerly winds, fresh or strong; sea rough; squally, changeable, some showers; moderate temperature.

FORECAST DISTRICTS.

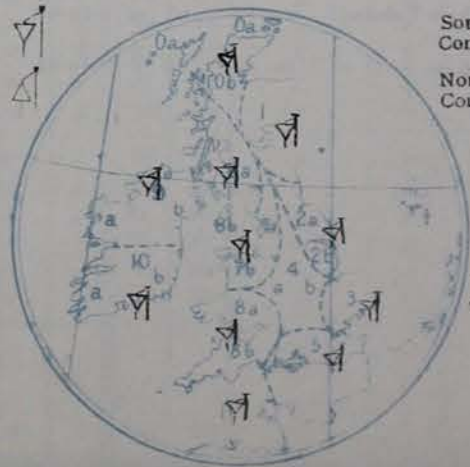
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.
North Cone.

South Cone.
North Cone.



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m. ...	47	38	cgph, bcg	*	0.09	Brighton, to 6 p.m. ...	47	36	*	0.0	0.01
Rossall Beach, to 6 p.m. ...	44	34	org, o	*	0.13	Eastbourne, to 6 p.m. ...	47	36	*	0.0	0.04
Blackpool, to 9 p.m. ...	46	34	or, cq, c	0.0	0.09	Bexhill-on-Sea, to 9 p.m. ...	45	36	r, ce, w	0.0	0.02
Southport, to 9 p.m. ...	45	34	org, c	0.0	0.08	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	45	38	*	0.0	0.02	Folkestone, to 6 p.m. ...	43	32	od, c, o	0.0	0.01
Colwyn Bay, to 6 p.m. ...	48	36	oph, bc, c	0.0	0.10	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.02
Llandudno, to 9 p.m. ...	44	35	op, bc, or, o	0.0	?	Margate, to 6 p.m. ...	43	35	*	0.0	0.04
Bettws-y-Coed, to 6 p.m. ...	46	31	c, o	0.0	*	Felixstowe, to 6 p.m. ...	*	*	*	0.0	0.04
Towyn, to 6 p.m. ...	48	34	op, o	0.0	0.05	Lowestoft, to 6 p.m. ...	41	32	bc, o	0.0	-
Aberystwyth, to 6 p.m. ...	45	40	*	0.0	0.03	Skegness, to 6 p.m. ...	38	31	er, c	0.0	0.01
Plymouth, to 9 p.m. ...	51	41	op, or	0.6	0.36	Scarborough, to 9 p.m. ...	41	32	o, c, o	1.3	0.02
Torquay, to 6 p.m. ...	49	41	*	1.6	0.56	Harrogate, to 6 p.m. ...	42	31	or, bc, b	0.0	0.18
Weymouth, to 6 p.m. ...	49	39	p, cq	0.6	0.19	Buxton, to 6 p.m. ...	*	*	*	0.0	0.23
Bournemouth to 6 p.m. ...	48	36	o, b, o	0.3	0.20	Darwen, to 9 p.m. ...	43	30	bc, or, rs, o	0.0	0.11
Southsea, to 6 p.m. ...	47	36	*	0.0	0.08	Manchester, to 9 p.m. ...	45	32	bc, c, o, op, o	0.0	0.40
Worthing, to 6 p.m. ...	46	33	r, o, c	0.0	-	Birmingham, to 9 p.m. ...	45	33	o, r	0.0	0.40

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

STATIONS. <i>13th Jan. 1909</i>	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. <i>13th Jan. 1909</i>	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	66	46	bc, b	Ins.	St. Petersburg ...	30	27	s, o	Ins.
Marseilles ...	54	48	o, o	-	Utrecht ...	43	30	b, bc	0.04
Malta ...	56	48	r	0.24	Groningen ...	41	30	b, c	0.08
Algiers ...	61	46	b, b	-	<i>12th Jan. 1909</i>				
Tunis ...	55	37	c, c	0.16	Geneva ...	45	*	r	Measured 7.30 a.m. 0.20
Palermo ...	not received				Berne ...	37	*	o	0.04
Naples ...	51	43	r, o	0.71	Coire ...	37	*	o	-
Brindisi ...	52	36	b, o	-	Castasegna ...	36	*	bc	-
Florence ...	39	30	o, b	0.04	Lugano ...	41	*	b	-
Rome ...	47	45	o, o	-	Davos ...	34	*	s	-
Vienna ...	32	30	b, b	0.43					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis-turb-ance.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
Corsica 3 p.m. 14th Jan.	50 N	27 W	30.03	N.W.	mod.	.	.	.	.	.
" 6 p.m. "	50 N	28 W	30.03	N.N.W.	mod.	o	.	.	.	.

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

<i>14th & 15th Jan. 1909.</i>		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	8.0	12.2	4.4
Greenwich ...	...	7.59	12.2	4.5
Wick ...	...	8.1	12.9	4.16
Valencia ...	...	8.54	12.21	3.48
		8.53	12.21	3.50
		8.45	12.50	4.55
		8.44	12.50	4.56

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

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

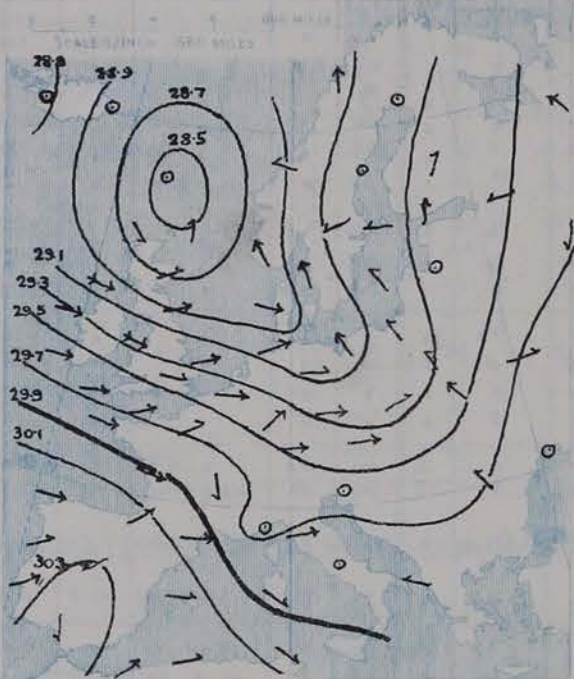
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
15th January, 1909

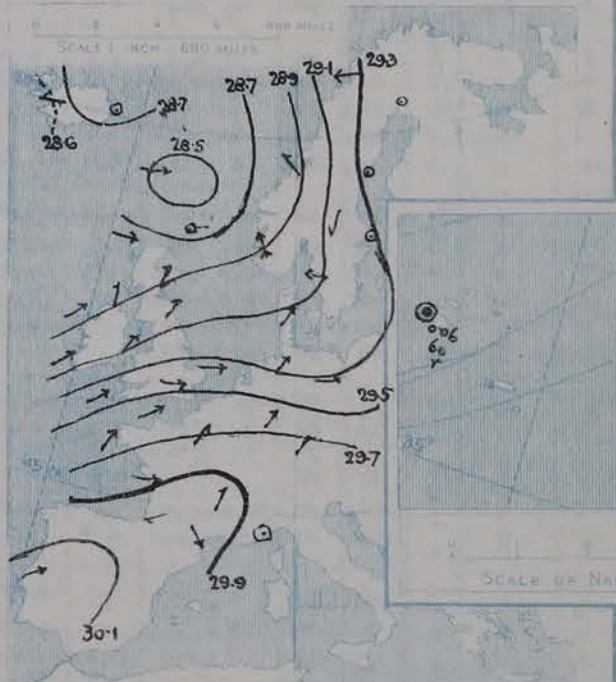
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.	Min.									
SCANDINAVIA.	Haparanda...	29.46	23	2	0	0	29.63	+35	19	19	+31	ESE	2	0	*	23	-13	*	*	*	
	Hernösand...	29.35	14	2	0	f	29.40	+17	17	17	+14	2	0	b	*	17	2	*	*	0.08	
	Stockholm...	29.30	7	2	0	b	29.40	+16	27	26	+9	SE	2	0	*	32	16	*	*	0.08	
	Wisby...	29.26	28	SE	2	0	29.40	+20	28	27	+4	SE	2	0	*	28	23	*	*	0.04	
	Karlstad...	29.26	21	NNE	2	s	29.17	-01	31	30	+14	S	8	0	*	*	*	*	*	0.04	
	Færder (X'ania Fjord)														*	*	*	*	*		
	Bodö...	29.23	23	E	4	b	29.19	+11	23	20	-7	E	6	b	2	30	19	*	*	-	
ICELAND & FAEROE.	Christiansund...	28.87	32	SE	2	b	28.75	-14	34	32	+5	SSE	8	bc	3	34	28	*	*	-	
	Skudesnaes...	28.90	37	SSE	8	o	28.47	-28	37	37	0	SE	9	r	7	39	34	c, o	*	0.04	
	Reykjavik...	28.56	18	E	2	c	28.45	-36	16	*	-1	N	1	bc	*	*	*	*	*		
	Blönduós...	28.83	18	2	0	bc	28.60	-36	21	*	+2	E	5	S	*	*	*	*	*	*	
BRITISH ISLANDS.	Seydisfjord...	28.75	21	2	0	s	28.31	-57	24	*	+1	SW	4	S	*	*	*	*	*	*	
	Thorshavn...	28.43	36	W	4	o	28.45	+01	32	*	+4	WSW	3	S	*	*	*	*	*	*	
	Sumburgh Head	28.53	37	W	4	o	28.49	+01	35	34	-3	2	0	o	3	41	33	c, o, b	*	0.40	
	Stornoway...	28.78	35	WSW	3	o	28.74	+11	32	32	-2	W	4	S	5	40	31	bc, q, c, op, q	1.0	0.55	
	Castlebay (Barra Id.)																				
	Malin Head...	28.76	37	S	3	rgm	28.95	-03	37	37	-6	NW	8	c, h, p, q	6	44	35	og, r, g, q, p, c	*	0.58	
	Blacksod Pt.	28.83	48	SW	5	rgm															
	Valencia...	29.05	50	SW	7	rg	29.34	-20	42	38	-3	WSW	4	b	6	52	39	bc, r, g, b, q	0.0	0.22	
	Roche's Point...	29.13	50	WSW	5	r	29.36	-14	37	36	-7	W	3	b	3	50	36	bc, b, om, r, o	*	0.17	
	Birr Castle...	28.96	47	WSW	5	or	29.25	-12	34	33	-7	SW	3	bc	*	48	32	or, s, bc	0.0	0.28	
	Donaghadee...	29.01	42	SSW	4	r	29.11	-00	34	33	-7	SSW	5	bc	4	47	33	bc, or, b, q	*	0.06	
	Liverpool Obsy...	29.14	43	S	3	r	29.15	-04	39	36	-3	WSW	6	S	?	49	38	og, or	0.0	0.17	
	Holyhead...	29.08	48	SW	7	d, g, m, q	29.19	-09	40	37	-3	WNW	7	bc	5	48	37	c, d, g, m, q, bc	*	0.19	
	Pembroke (St. Ann's Hd.)	29.20	49	SSW	7	o	29.32	-13	42	38	-4	W	5	bc, q	5	50	40	c, q, op, q	0.0	0.16	
	GERMANY, & C.	Scilly (St. Mary's)	29.42	50	SW	5	om	29.43	-20	45	43	-2	WNW	5	c	5	52	44	c, om	0.5	0.10
Jersey (St. Aubins)		29.62	50	SW	4	o	29.40	-23	47	46	-2	WNW	3	0	3	52	45	op, cm, og, p	0.3	0.38	
Portland Bill		29.42	49	SSW	6	o	29.34	-16	45	42	-2	WNW	6	c	6	51	34	c, o	0.3	0.11	
Dungeness...		29.46	48	WSW	5	o	29.26	-12	46	44	+2	W	4	0	5	48	46	bc, op, c	3.0	0.14	
Dover...		29.48	45	SW	3	c	29.26	-15	45	43	+5	W	3	0	6	49	36	b, o, or, o	4.0	0.09	
Wick...		28.78	34	W	3	c	28.52	-02	33	32	-2	W	2	S	3	37	30	-	*	0.18	
Nairn...		28.83	34	W	1	o	28.61	-02	33	32	-1	NW	6	S	4	39	32	os, s, q	1.2	0.43	
Aberdeen...		28.89	36	SSW	1	o	28.62	-05	34	32	-2	WSW	5	S	3	40	33	bc, b, or, q	4.7	0.38	
Leith...		28.97	37	W	3	c	28.87	+05	35	34	-4	WSW	5	bc	*	46	33	p, c, bc, or, s	*	0.38	
North Shields		29.10	40	SW	3	bc	28.91	+04	37	34	-3	WSW	6	S	3	43	33	bc, s	*	0.03	
Spurn Head		29.22	39	S	4	b	29.07	-01	39	36	0	W	6	b	4	46	39	c, q, bc, p, q, b	*	0.07	
Yarmouth...		29.38	41	SSE	5	bc	29.13	-09	41	41	+4	WSW	6	c	5	47	37	bc, b, q, p	3.9	0.05	
Clacton-on-Sea		29.43	42	SSW	4	o	29.23	-12	44	41	+5	WNW	4	c	4	46	38	bc, c, op	4.2	0.06	
Nottingham		29.27	43	WSW	3	b	29.17	-08	37	36	-3	W	3	b	*	48	37	bc, c, or, b	1.5	0.14	
Bath...		29.38	48	W	6	o	29.34	-13	39	36	-4	NW	2	b	*	51	38	-	2.6	0.19	
FRANCE.	Oxford...	29.27	47	SSW	7	o	29.35	-08	37	35	-3	WSW	3	b	*	50	37	bc, cm, q, or, b	*	0.05	
	London (St. James's Pl)	29.41	47	W	5	o	29.26	-13	44	39	+3	W	4	b	*	52	41	bc, c, o, op, q	2.8	0.12	
	The Scaw (Skagen)	29.03	35	ESE	5	o	28.93	-02	37	37	+3	SSE	7	r	2	37	32	*	*	0.08	
	Fanö...	29.13	37	SW	6	b	28.85	-01	39	39	+4	SW	6	0	*	39	34	*	*	0.28	
	Cuxhaven†...	29.19	38	SW	7	o	29.06	+10	43	42	+9	SSW	8	r, q	*	43	34	*	*	0.24	
	The Helder...	29.36	42	WSW	5	b	29.09	-07	43	42	+3	W	4	0	4	43	40	*	*	0.24	
	Brussels...		*	*	*	*	29.26	-13	49	47	+8	SW	6	r	*	49	40	*	*	0.04	
	Berlin†...	29.30	39	W	3	r	29.42	+38	38	35	+2	SW	2	r	*	39	36	*	*	0.08	
	Frankfurt†...	29.62	41	SW	5	o	29.46	+14	47	80	+5	SW	6	0	*	47	41	*	*	0.04	
	Munich†...	29.71	38	SW	5	o	29.69	+29	41	92	-3	SW	4	0	*	45	32	*	*	0.20	
	C. Gris Nez	29.52	46	WSW	5	o	29.28	-08	46	46	+2	WSW	4	0	5	48	43	*	*	0.04	
	La Hève...	29.60	46	SW	5	o	29.41	-18	46	45	+1	WSW	5	r	5	50	43	*	*	0.16	
	Brest...	29.65	51	SW	5	o	29.48	-30	47	47	-4	W	4	0	5	52	46	*	*	0.63	
	Lorient...	29.69	51	SW	6	o	29.49	-27	48	48	-3	WNW	5	r	5	52	48	*	*	0.28	
	Rochefort...	29.87	51	W	4	o	29.65	-25	54	52	+3	SW	5	0	*	55	51	*	*	0.12	
SPANISH PENIN.	Biarritz...	29.99	52	ENE	2	o	29.82	-28	55	50	0	2	0	5	55	50	*	*	2.13		
	Paris...	29.70	46	SSW	3	o	29.47	-13	50	48	+4	SW	5	0	*	50	?	*	*	0.04	
	Belfort...						29.69		46	45		WSW	6	0	*	46	32	*	*	0.16	
	Lyons...	29.97	45	SSW	1	o	29.86	-02	43	41	-3	ESE	1	0	*	51	41	*	*	0.04	
	Nice...	29.73	46	2	0	b	29.82	+14	45	43	+3	E	2	c	1	57	41	*	*	-	
	Perpignan...	29.93	57	NW	*	b	29.88	-07	46	43	-14	SW	1	n	*	63	41	*	*	-	
	Sanguinaire...	29.81	58	W	4	c	29.82	-01	52	51	-5	W	1	0	4	59	50	*	*	-	

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

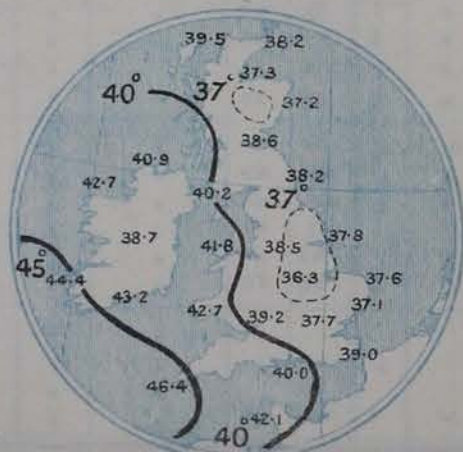
7 A.M. YESTERDAY



6 P.M. YESTERDAY



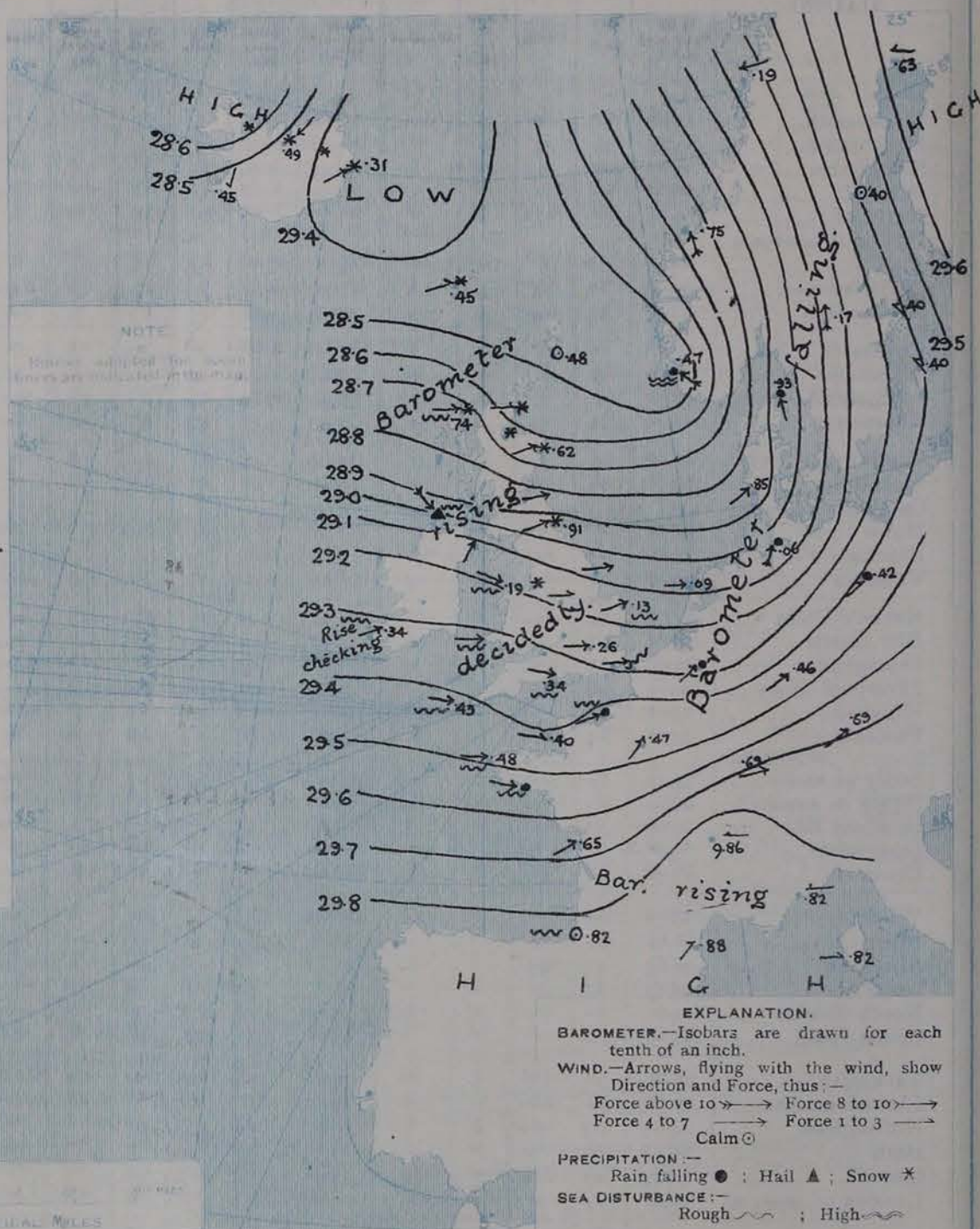
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Friday.

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

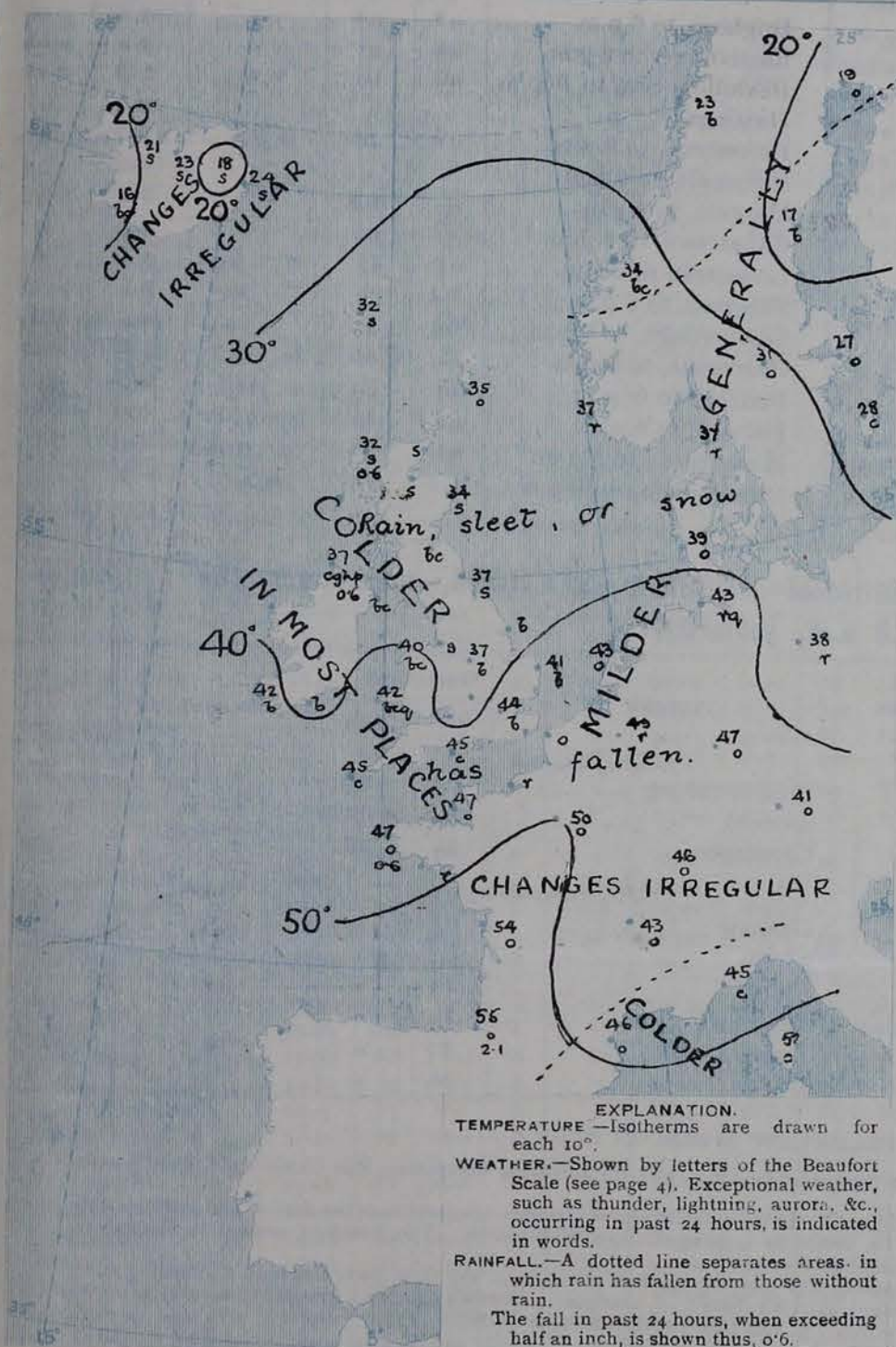
In the course of the past night a very deep secondary disturbance has crossed the country from the Atlantic to the North Sea, and the barometer is now below 28.5 ins. between Scotland and Norway. The primary system appears to have passed the Arctic Circle, and in the east of Iceland the barometer is at 28.3 ins. In the south of France pressure is below 29.9 ins., and at the Azores slightly above 30 ins. The gradient is steep over the North Sea and Scandinavia, considerable in other regions.

North-westerly to south-westerly winds prevail from Iceland to the western portion of the Continent, southerly to easterly in Scandinavia. A fresh to high wind is reported in many localities, a gale in the north of Ireland, and at several stations beyond the North Sea. The temperature changes are very irregular. Over the British Isles the values range from 32° at Stornoway to 47° at Jersey; in Scandinavia from 17° at Stornoway to 37° at Skudenes; over western Europe from 38° at Berlin to 55° at Biarritz; in Iceland from 16° to 24°. The sky is cloudless or nearly so in many parts of England and Ireland and locally in Scandinavia but the weather generally is in a very unsettled condition. Snow is falling at many stations between Liverpool and the Faeroes, violent hail showers at Malin Head, and rain between southern Norway and Berlin, also in N. France. A high sea is running off Skudenes and it is rough or rather rough in many other neighbourhoods.

CHARTS

15th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to between 50° + 52° at several stations in the south of England and of Ireland, but in the north of Scotland the maxima were below 40°. Rain, hail or snow has fallen in all districts, but only Stornoway and Malin Head report a little over half an inch; at Biarritz, however, the rainfall has exceeded two inches. The duration of bright sunshine was very variable, many stations had none, several eastern stations four hours or more. Oxford reports a halo and parhelia yesterday.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

The rise of the barometer in the west of Ireland is checking again, and the wind is inclined to back southerly. Another disturbance is therefore likely to make its appearance in the course of the day, and the conditions over the country generally will remain of an unsettled character.

FORECASTS

For the 24 hours commencing at
 NOON TO-DAY.

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

Wind between North West and South-
 West, strong or high to moderate; squally,
 very changeable, some rain or snow
 showers, fair or fine intervals; temperature
 moderate to cool.

II WESTERN CHANNEL AND BAY

North West to South West winds, strong to moderate; sea rough to moderate; squally, changeable, some cold showers.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

Signals hoisted this morning.

South
 Cone.
 North
 Cone.

South
 Cone.
 North
 Cone.



Friday, 15th January, 1909.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	48	37	cpq, oq	Hrs.	Ins.	Brighton, to 6 p.m. ...	48	42	*	Hrs.	Ins.
Rossall Beach, to 6 p.m....	44	41	op, b, c, oq	*	0.03	Eastbourne, to 6 p.m. ...	49	41	*	3.0	0.06
Blackpool, to 9 p.m. ...	44	32	cq, or, o	0.0	0.12	Bexhill-on-Sea, to 9 p.m.	49	41	r, c	2.8	0.02
Southport, to 9 p.m. ...	46	39	oq, b, or	0.0	0.22	Hastings	*	*	*	3.3	*
Rhyl, to 6 p.m.	46	41	*	0.0	0.05	Folkestone, to 6 p.m. ...	48	39	or, b, bc, o	3.8	0.02
Colwyn Bay, to 6 p.m. ...	46	38	bc, p, c, o	0.0	0.18	Ramsgate, to 6 p.m. ...	*	*	*	4.3	0.05
Llandudno, to 9 p.m. ...	49	40	o, c, oq	0.0	?	Margate, to 6 p.m.	47	38	b, o	3.2	0.02
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...	45	40	-	4.1	-
Towyn, to 6 p.m.	49	40	b, r, o	0.0	0.11	Lowestoft, to 6 p.m. ...	45	37	or, c, bc, c	3.5	0.07
Aberystwyth, to 6 p.m....	47	42	*	0.0	0.08	Skegness, to 6 p.m....	43	37	r, bc	3.0	0.11
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	45	36	o, c	3.0	0.05
Torquay, to 6 p.m....	50	43	*	1.9	0.06	Harrogate, to 6 p.m. ...	41	34	bc, or, o	2.8	0.03
Weymouth, to 6 p.m. ...	50	43	bc	0.3	0.02	Buxton, to 6 p.m.	39	34	or, rskp, or	0.0	0.43
Bournemouth to 6 p.m. ...	49	41	o, b, o	1.9	0.05	Darwen, to 9 p.m.	41	33	op, b, or	0.0	0.37
Southsea, to 6 p.m....	48	42	*	2.5	0.05	Manchester, to 9 p.m. ...	46	39	cp, c, op, r	0.0	0.16
Worthing, to 6 p.m. ...	48	41	r, o, c	3.1	0.08	Birmingham, to 9 p.m....	45	37	c, o	0.2	0.01

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
<i>14th Jan., 1903</i>					<i>14th Jan., 1903</i>				
Madeira	64	46	b. b	ins.	St. Petersburg	34	23	o. o	ins.
Marseilles	55	48	b. b	-	Utrecht	43	30	m. bo	0.16
Malta	not	received			Groningen	39	30	s. r	0.24
Algiers	64	48	b. bo	-	<i>13th Jan., 1903</i>				
Tunis	50	37	o. c	-	1.30 p.m.		1.30 p.m.		Measured
Palermo	not	received			Geneva	45	*	r	7.30 a.m.
Naples	not	received			Berne	45	*	o	0.43
Brindisi	52	36	c. o	-	Coire	39	*	o	0.20
Florence	44	41	o. o	0.12	Castasegna	36	*	o	-
Rome	53	39	b. b	-	Lugano	37	*	o	-
Vienna	45	32	o. bo	0.08	Davos	32	*	o	0.16

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

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

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

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

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.			
	Lat.	Long.		Direc.	Force.		Air.		Sea.				
							Dry Bulb.	Wet Bulb.					
	°	°	Ins.				°	°	°				
Corsican 4 a.m. 12th Jan	50 N.	32 W.	29.92	NE	Light	-	-	-	-	-			
" " 7 a.m. " "	50 N	33 W	29.92	NNE	Light	C	-	-	-	-			

15th + 16th Jan 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.59 7.58	12.2 12.3	4.5 4.7
Greenwich	8.1 8.1	12.9 12.10	4.17 4.19
Wick	8.53 8.52	12.21 12.22	3.50 3.52
Valencia	8.44 8.43	12.50 12.51	4.56 4.58

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

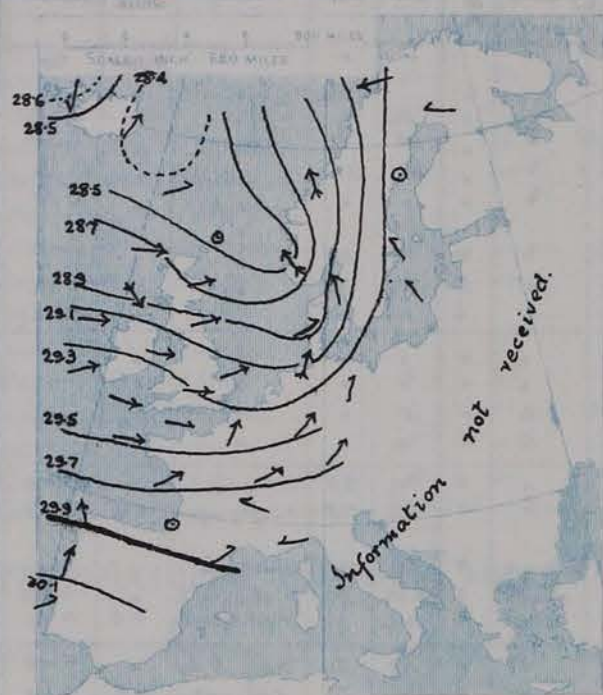
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,
16th January, 1909.

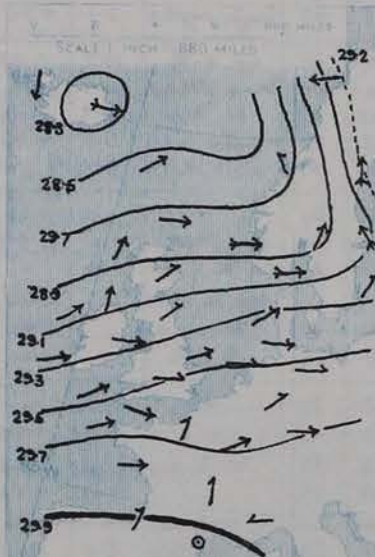
STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.	Force (0 to 12).	Weather.		Barometer.		Temperature.			Wind.		Force (0 to 12).	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun- shine.	Rainfall.
	At 8 ³⁰ Fahr. and M.S.L.	Dry Bulb.	Dir.				At 8 ³⁰ Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).				Max.	Min.			
	Ins.	"					Ins.	Ins.	"	"	"						"	"		Hours	Ins.
SCANDINAVIA.																					
Haparanda...	29.21	27	S	8	f		29.00	-1.40	32	31	+15	SSE	4	S	*	*	32	9	*	*	0.28
Hernösand...	29.07	32	SE	8	s		29.30	-1.10	35	33	+8	SE	6	0	*	*	35	19	*	*	0.35
Stockholm...	29.17	36	SW	6	bc		29.49	+0.09	35	33	+7	SW	4	6	*	*	36	25	*	*	0.20
Karlstad...	28.87	35	SSW	6	r		29.26	+0.09	35	33	+4	WSW	4	6	*	*	*	*	*	*	0.51
Færder (X'iania Fjord)																					
Bodö...	29.15	1	E	7	b		29.10	-0.09	27	24	+4	E	7	6	2	28	23	*	*	*	-
Christiansund...	28.53	39	SSE	2	o		28.94	+1.19	36	34	+2	WSW	2	6	3	39	32	*	*	*	0.32
Skudesnaes...	28.85	42	W	9	c		29.03	+1.56	40	39	+3	S	6	6	42	36	*	*	*	*	0.43
ICELAND & FAEROE.																					
Reykjavik...	28.48	21	N	6	c		28.85	+1.40	23	*	+7	NW	6	6	*	*	*	*	*	*	*
Blönduós...	28.49	19	NE	7	s		28.86	+1.26	23	*	+2	N	6	6	*	*	*	*	*	*	*
Seydisfjord...	28.22	21	W	8	s		28.54	+1.23	23	*	-1	2	0	6	*	*	*	*	*	*	*
Thorshavn...	28.52	33	SW	4	s		28.67	+1.22	30	*	-2	SSW	3	6	*	*	*	*	*	*	*
BRITISH ISLANDS.																					
Sumburgh Head	28.74	35	W	4	o		28.80	+1.31	36	33	+1	W	3	6	3	39	33	bc, o	*	*	0.05
Stornoway...	28.77	33	SSW	4	o		28.88	+1.14	29	29	-3	WSW	3	6	3	33	28	o, cpy, opo	0.3	*	0.28
Castlebay (Barra Id.)																					
Malin Head...	28.96	33	S	5	onsq		29.03	+1.08	35	34	-2	SW	8	onsq	8	37	32	onsq, l	*	*	0.07
Blackod Pt.	29.10	35	SW	6	oplmq		29.30	+1.18	38	37	+2	WNW	6	onsq	5	39	31	f, phq, sp, l	*	*	0.42
Valencia...	29.21	39	WSW	5	c		29.51	+1.17	40	36	-2	W	7	bc	6	44	34	b, phq, sp, l	0.8	*	0.19
Roche's Point...	29.30	36	WSW	4	bcpg		29.52	+1.16	35	35	-2	WSW	4	6	4	43	34	bcpg, l, sp	*	*	0.18
Birr Castle...	29.17	35	SSW	3	o		29.41	+1.16	34	33	0	SSW	4	6	*	36	31	csk, os	0.3	*	0.41
Donaghadee...	29.12	35	SW	3	c		29.17	+1.06	31	31	-3	SSE	3	6	2	37	29	bcpgs, bc, 6	*	*	0.06
Liverpool Obsy...	29.28	38	SW	3	b		29.27	+1.12	35	33	-4	SW	6	6	4	42	33	o, b, s	5.6	*	0.13
Holyhead...	29.24	41	W	6	c		29.31	+1.12	37	35	-3	W	5	6	4	43	35	c, l	*	*	-
Pembroke	29.32	43	SW	6	o		29.44	+1.12	40	36	-2	W	6	6	4	48	37	bcpg, oppl, b	3.6	*	0.34
(St. Ann's Hd.)																					
Scilly (St. Mary's)	29.47	44	SW	5	c		29.60	+1.17	42	39	-3	W	5	6	5	49	41	cp, c, bl	4.7	*	0.25
Jersey (St. Aubins)	29.62	46	WNW	4	bc		29.67	+1.27	45	41	-2	W	7	6	5	50	40	bcpg, bl, sp, b	4.8	*	0.10
Portland Bill...	29.48	47	WSW	5	bc		29.50	+1.16	41	39	-4	W	8	6	4	47	38	bc, bcpg	6.6	*	0.09
Dungeness...	29.51	44	WSW	4	bc		29.47	+1.21	44	42	-2	W	6	6	4	47	38	cp, phq, bl, sp, b	5.5	*	0.36
Dover...	29.54	39	WSW	2	b		29.51	+1.25	40	37	-5	WSW	3	6	4	45	37	o, b, bl, sp, b	5.7	*	0.36
Wick...	28.83	30	W	2	bc		28.84	+1.32	29	28	-4	W	2	6	2	35	27	-	*	*	0.20
Nairn...	28.89	30	W	1	c		28.91	+1.30	29	29	-4	W	1	6	1	33	29	paq, bcps	1.0	*	0.07
Aberdeen...	28.97	33	SW	3	bc		28.96	+1.34	31	30	-3	SW	2	6	2	36	31	eq, bc, c, b	3.4	*	-
Leith...	29.03	35	WSW	3	c		29.03	+1.16	32	32	-3	W	3	6	*	37	31	ops, bc, sp, os	*	*	0.08
North Shields...	29.17	37	SW	3	e		29.11	+1.20	32	32	-5	WSW	3	6	2	41	31	bc, c, s	*	*	0.02
Spurn Head...	29.32	38	SSW	4	b		29.22	+1.15	35	34	-4	WSW	5	6	4	40	34	b, d, bc	*	*	0.01
Yarmouth...	29.43	39	WSW	4	bc		29.33	+1.20	39	38	-2	WSW	4	6	5	43	37	bc, q	6.8	*	-
Clacton-on-Sea...	29.49	40	WSW	4	b		29.45	+1.22	40	38	-4	WSW	4	6	3	45	28	c, b, bc, or, c	5.5	*	0.23
Nottingham...	29.36	39	WSW	4	b		29.32	+1.15	34	33	-3	WSW	4	6	*	43	33	bc, b, c, prs	6.4	*	0.05
Bath...	29.47	40	W	2	b		29.50	+1.16	36	36	-1	SW	3	6	*	46	36	-	6.2	*	0.20
Oxford...	29.45	35	S	2	b		29.49	+1.14	36	34	-1	WSW	4	6	*	44	34	b, orsh, c	*	*	0.21
London (St. James's Pk)	29.50	42	W	3	b		29.45	+1.19	40	37	-4	WSW	5	6	4	46	39	b, orsh, c	5.9	*	0.08
GERMANY, & C.																					
The Scaw (Skagen)	29.02	38	W	9	b		29.31	+1.38	37	36	0	SSW	7	6	2	41	34	*	*	*	-0.39
Fanö...	29.35	37	SW	6	b		29.35	+1.50	35	34	-4	S	6	6	*	39	34	*	*	*	-
Cuxhaven†...	29.39	37	W	5	b		29.49	+1.43	34	31	-9	S	6	6	*	43	32	*	*	*	0.08
The Helder...	29.49	41	WSW	3	b		29.41	+1.32	40	39	-3	SSW	7	6	4	43	36	*	*	*	-
Brussels...							29.62	+1.36	38	37	-11	SW	5	6	*	49	35	*	*	*	0.08
Berlin†...	29.54	41	W	3	b		29.71	+1.29	31	30	-7	S	1	6	*	46	30	*	*	*	0.12
Frankfurt†...	29.66	41	SW	2	o		29.84	+1.38	34	30	-13	SW	2	6	*	50	34	*	*	*	0.20
Munich†...	29.69	47	W	5	r		29.94	+1.25	39	40	-2	SW	3	6	*	50	39	*	*	*	0.12
FRANCE.																					
C. Gris Nez...	29.56	44	WSW	4	b		29.48	+1.20	44	42	-2	W	8	6	8	46	39	*	*	*	0.43
La Hève...	29.65	43	SW	4	bc		29.67	+1.26	41	40	-5	SW	8	6	8	46	39	*	*	*	0.04
Brest...	29.75	50	WSW	5	bc		29.76	+1.28	45	44	-2	WNW	7	6	7	48	41	*	*	*	0.12
Lorient...	29.69	46	W	5	c		29.81	+1.32	45	44	-3	WNW	7	6	7	48	43	*	*	*	0.08
Rochefort...																					
Biarritz...	29.88	55	SSW	2	o		30.13	+1.31	50	49	-5	SW	3	6	5	63	48	*	*	*	0.47
Paris...	29.68	40	SSW	2	f		29.80	+1.33	39	37	-11	SW	3	6	*	51	37	*	*	*	0.28
Belfort...	29.63	48	WSW	6	r		29.93	+1.24	40	39	-6	WSW	6	6	*	50	40	*	*	*	0.20
Lyons...	29.84	47	S	3	o		30.02	+1.16	43	41	0	2	0	6	*	48	42	*	*	*	-
Nice...	29.87	48	E	2	b		29.98	+1.16	42	40	-3	2	0	6	*	54	39	*	*	*	-
Perpignan...	29.91	49	2	0	b		30.03	+1.13	52	49	+6	NW	3	6	*	62	41	*	*	*	-
Sanguinaire...	29.84	54	E	2	o		29.91	+1.09	52	50	0	E	3	6	*	59	48	*	*	*	-
SPANISH PENIN.																					
Corunna...																					
Lisbon...																					
Azores (P. Delgada)...																					
„ Horta...	30.21	55	NE	4	b		30.16	+1.20	53	48	-7	NNE	2	6	2	63	53	*	*	*	0.04

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

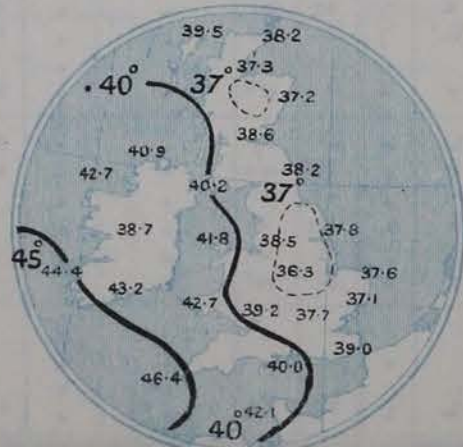
7 A.M. YESTERDAY



6 P.M. YESTERDAY



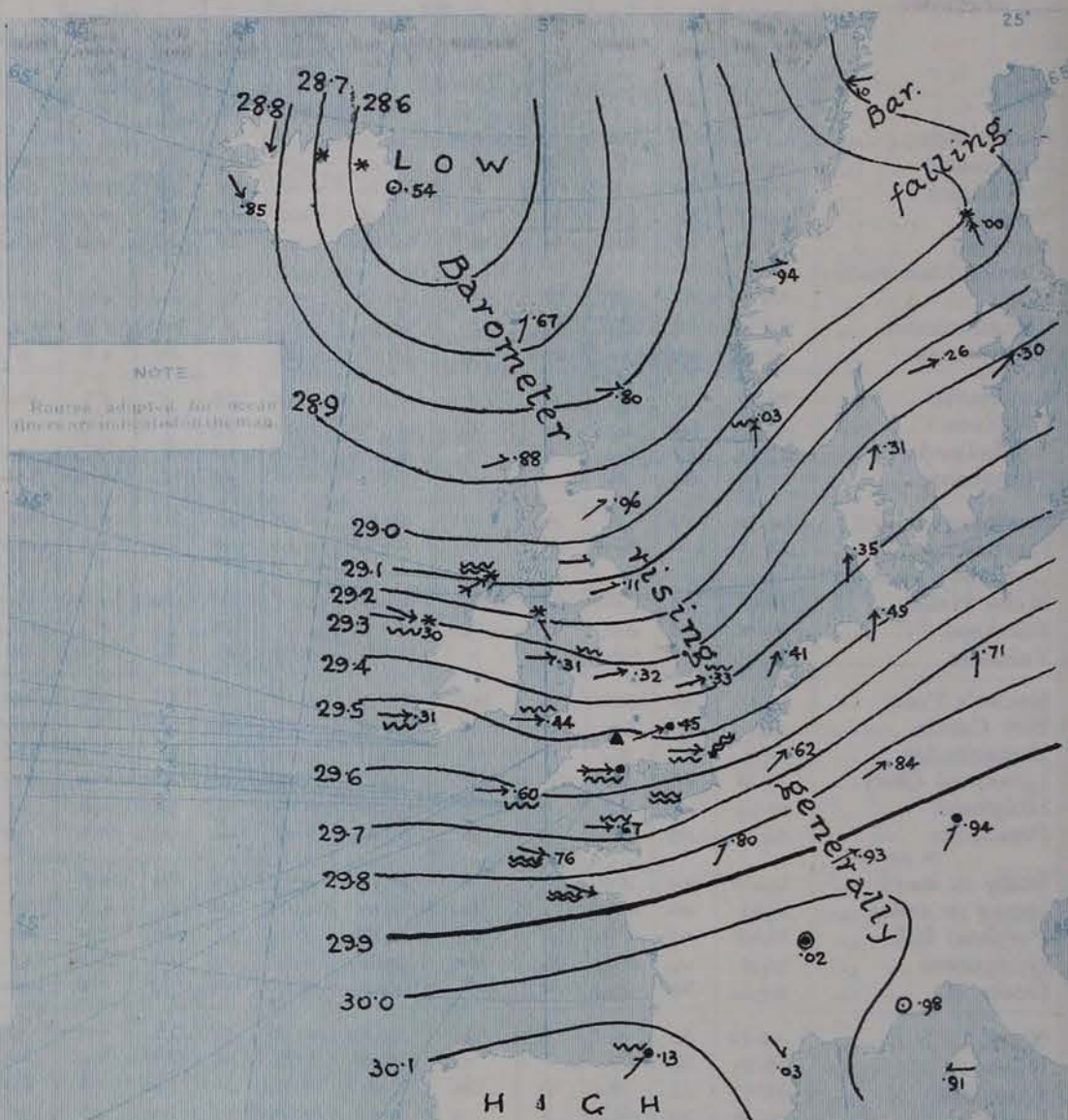
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Saturday,

WEATHER

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



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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

The central space of a low pressure system is situated between Iceland and Norway, with the barometer at about 28.5 ins. Pressure increases southwards to above 30.1 ins. on the lower part of the Bay of Biscay and 30.3 ins. at the Azores. There is still a considerable gradient across the British Isles, Northern France, and thence to Southern Norway, slight elsewhere.

Cyclonic wind circulation is shown. Northerly in Iceland, Westerly to South. Westerly over the British Isles and the western portion of the Continent, southerly beyond the North Sea, and South Easterly to Easterly in Northern Scandinavia. Strong or high winds are reported in many regions, a gale at Malin Head, Portland Bill and Haase. Temperature has fallen generally over these Islands and Western Europe since over the northern Countries. At the home stations the readings range from 29° at Stornoway, Wick and Naun to 45° at Jersey; in Scandinavia from 27° at Rodø to 40° at Skudenes; over Western Europe from 31° at Berlin to 52° at Perpignan and Sanghaie; in Iceland from 20° to 25°. The weather is in an exceedingly variable state, fine and cloudless at many home and foreign stations, very cloudy to overcast at others, with rain at several southern stations heavy hail at Bath, lightning at Portland, snow over northern Ireland and in Iceland and Sweden.

16th January, 1909.

[illegible]

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by letters of the Beaufort Scale (see page 4). Exceptional weather, such as thunder, lightning, aurora, &c., occurring in past 24 hours, is indicated in words.

RAINFALL.—A dotted line separates areas in which rain has fallen from those without rain.

The fall in past 24 hours, when exceeding half an inch, is shown thus, 0.6.

During yesterday temperature rose to 50° at Jersey and Eastbourne, and in most localities to 45° and upwards, but in many parts of Scotland and Ireland the maxima were below 40° , at Raon and Stormoray only 33° . Frost occurred in the night in the north and west, 27° at Wick being the lowest temperature reported. Rain, hail, sleet and snow have fallen generally, but no station reports as much as 0.5 inch. In the course of the night a thunderstorm passed across the southern part of the Kingdom. There was much fine, bright weather over England yesterday, a number of stations reporting more than 6 hours of sunshine.

Although the barometer is now rising generally the wind on our western coast shows little disposition to veer. It is probable therefore that other disturbances are approaching, and the conditions will remain of the same unsettled breezy type.

For the 24 hours commencing at
NOON TO-DAY.

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

Wind between South-West and North-West, varying greatly in strength, strong to a gale at times in places; squally, changeable, rain hail or snow showers, fair or fine intervals; temperature rather below the normal.


II WESTERN CHANNEL AND BAY


Westerly and North-Westerly gale and strong winds moderating; sea rough or high; squally, changeable, some cold showers.


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


Signals hoisted yesterday.

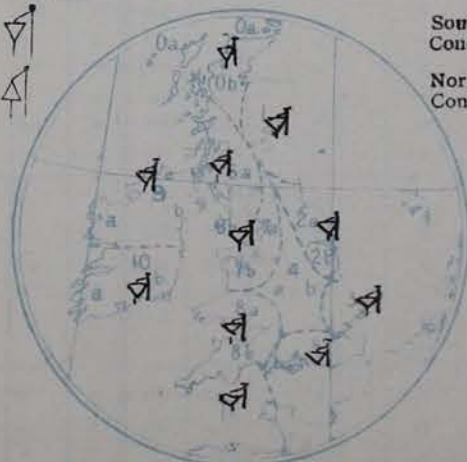
Signals hoisted
this morning.

South Cone. 

North Cone. 

South Cone. 

North Cone. 



DAILY WEATHER REPORT.

Saturday, 16th January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	48	34	ph, s, b, c	*	0.19	Brighton, to 6 p.m. ...	44	41	*	6.5	-
Rossall Beach, to 6 p.m....	46	37	org, cl, sh, c, g	*	0.26	Eastbourne, to 6 p.m. ...	50	40	*	6.0	0.23
Blackpool, to 9 p.m. ...	47	37	r, bc, r	3.9	1.60	Bexhill-on-Sea, to 9 p.m. ...	49	40	h, r	5.5	0.19
Southport, to 9 p.m. ...	48	37	or, o, c	4.3	0.21	Hastings ...	*	*	*	5.8	*
Rhyl, to 6 p.m. ...	41	36	*	3.5	-	Folkestone, to 6 p.m. ...	49	39	r, bc, b	5.4	0.09
Colwyn Bay, to 6 p.m. ...	41	38	bhp, bc, o	4.4	0.42	Ramsgate, to 6 p.m. ...	*	*	*	5.7	0.06
Llandudno, to 9 p.m. ...	42	37	org, bc, h	3.0	?	Margate, to 6 p.m. ...	44	41	b	5.5	0.07
Bettws-y-Coed, to 6 p.m. ...	47	37	c	1.4	*	Felixstowe, to 6 p.m. ...	44	38	*	6.1	0.08
Towyn, to 6 p.m. ...	*	*	*	*	*	Lowestoft, to 6 p.m. ...	49	37	op, bc, b	6.5	0.06
Aberystwyth, to 6 p.m. ...	45	40	*	0.3	0.05	Skegness, to 6 p.m....	42	36	r, b	6.5	0.05
Plymouth, to 9 p.m. ...	*	*	*	*	*	Scarborough, to 6 p.m. ...	46	36	-	5.4	0.03
Torquay, to 6 p.m....	48	39	*	6.3	0.22	Harrogate, to 6 p.m. ...	45	34	or, bc, p, b	3.3	0.31
Weymouth, to 6 p.m. ...	48	41	b	6.6	0.07	Buxton, to 6 p.m. ...	43	32	or, hp, b, o	5.0	0.42
Bournemouth to 6 p.m. ...	47	38	b	6.8	0.18	Darwen, to 9 p.m. ...	45	31	or, b, sh, o	3.2	0.46
Southsea, to 6 p.m....	47	40	*	5.6	0.25	Manchester, to 9 p.m. ...	47	36	or, c, bc, or	4.9	0.21
Worthing, to 6 p.m. ...	47	40	r, c, b, c	6.7	0.29	Birmingham, to 9 p.m....	47	34	r, b, r	6.0	0.20

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

STATIONS. 15th Jan, 1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 15th Jan, 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	Observations	not received.		Ins.	St. Petersburg ...				Ins.
Marseilles ...					Utrecht ...				
Malta ...					Groningen ...				
Algiers ...									
Tunis ...					Geneva ...	48	*	1.30 p.m.	Measured 7.30 a.m. 0.24
Palermo ...					Berne ...	45	*	1.30 p.m.	0.20
Naples ...					Coire ...	39	*		-
Brindisi ...					Castasegna ...	41	*		-
Florence ...					Lugano ...	43	*		-
Rome ...					Davos ...	36	*		-
Vienna ...									

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

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

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

16th & 17th Jan, 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	7.58	12.3	4.7
Greenwich ...	...	7.57	12.3	4.9
Wick ...	...	8.1	12.10	4.19
Valencia ...	...	8.0	12.10	4.21
		8.52	12.22	3.52
		8.50	12.22	3.54
		8.43	12.51	4.58
		8.42	12.51	5.0

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

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

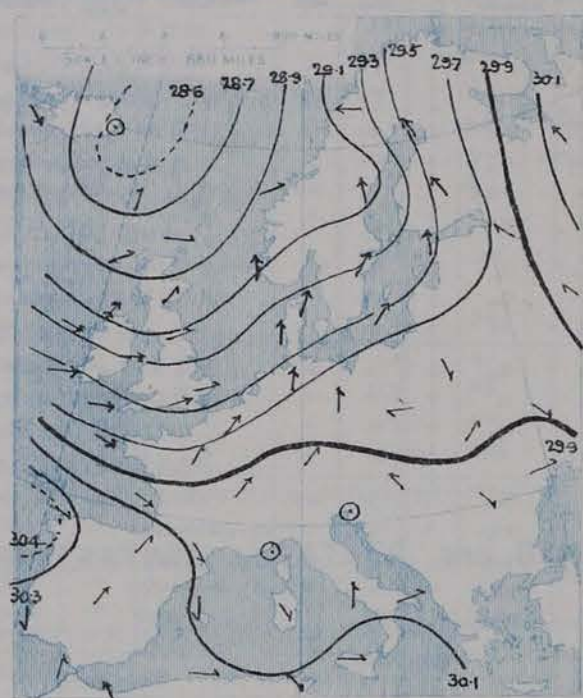
W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

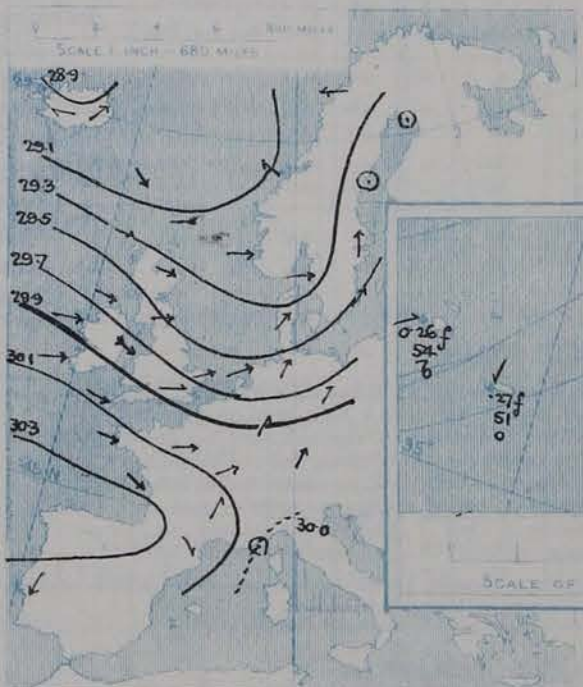
Sunday
17th January 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.			Temp.						
At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).	Max.	Min.	Weather.	Sun. shine.	Rainfall.			
Ins.	"					Ins.	Ins.	"	"	"				"	"		Hours.	Ins.			
SCANDINAVIA.	Haparanda...	29.37	26	2	0	S	29.69	+1.19	21	21	+2	2	0	0	*	25	19	*	*	0.32	
	Hernösand ...	29.43	19	2	0	0	29.51	+1.51	27	27	-5	2	0	0	*	33	19	*	*	0.08	
	Stockholm ...	29.49	33	5	6	S	29.59	+1.29	31	30	-4	SSW	2	0	*	36	31	*	*	0.12	
	Wisby...	29.56	36	SW	4	0	29.67	+1.18	35	32	0	SW	4	0	*	37	32	*	*	0.04	
	Karlstad ...	29.30	33	SSW	4	S	29.53	+1.23	34	33	-1	WSW	2	0	*	*	*	*	*	0.32	
	Færder (X'ianla Fjord)																				
	Bodö ...	29.23	27	E	4	0	29.37	+1.27	25	22	-2	E	4	0	1	28	25	*	*	-	
ICELAND & FAEROE.	Christiansund ...	29.11	38	SE	1	0	29.39	+1.45	37	32	+1	S	1	0	3	38	34	*	*	-	
	Skudesnaes ...	29.20	33	WNW	6	0	29.58	+1.55	39	38	-1	W	4	0	4	40	32	0	*	0.57	
	Reykjavik ...	28.99	19	E	2	0	28.12	-1.73	28	*	+5	2	0	0	*	*	*	*	*		
	Blönduós ...	29.04	21	SW	1	0	28.36	-1.50	29	*	+6	SE	4	0	*	*	*	*	*		
BRITISH ISLANDS.	Seydisfjord...	28.92	26	SW	6	0	28.57	+1.03	35	*	+12	NE	6	0	*	*	*	*	*		
	Thorshavn ...	28.95	32	NW	4	0	28.92	+1.25	39	*	+9	SSE	8	0	*	*	*	*	*		
	Sumburgh Head	29.13	35	W	2	0	29.44	+1.64	39	36	+3	WSW	3	0	3	39	35	C, bc	*	0.03	
	Stornoway ...	29.38	34	WNW	5	0	29.20	+1.32	43	43	+14	SW	7	0	6	43	27	cl, bc, sp, fog	0.0	0.50	
	Castlebay (Barra Id.)	29.51	40	WNW	6	0	29.32	+1.47	49	47	+9	SW	7	0	6	49	31	ash, bc, sp	0.4	0.27	
	Malin Head ...	29.62	38	WNW	2	0	29.45	+1.27	41	40	+6	S	6	0	4	43	35	bc, sp, fog	*	0.07	
	Blacksod Pt. ...	?	39	W	5	0	29.48	+1.18	50	49	+12	SW	8	0	7	51	35	bc, sp, fog	*	0.23	
	Valencia ...	29.97	41	W	4	0	29.81	+1.30	50	48	+10	S	6	0	6	51	36	C, bc, sp	0.0	0.15	
	Roche's Point ...	29.97	39	W	3	0	29.92	+1.40	49	47	+14	WSW	5	0	5	49	35	bc, sp, fog	*	0.08	
	Birr Castle ...	29.86	36	W	4	0	29.77	+1.36	43	42	+9	SSW	3	0	5	44	32	bc, sp, fog	2.6	0.11	
	Donaghadee ...	29.70	36	SW	3	0	29.73	+1.56	42	40	+11	SSE	4	0	3	42	29	bc, sp, fog	*	0.06	
	Liverpool Obsy...	29.75	41	WSW	6	0	29.95	+1.71	39	36	+4	S	4	0	2	42	35	over, bc, o	1.9	0.21	
	Holyhead ...	29.78	41	W	7	0	29.92	+1.61	48	46	+11	SW	7	0	5	48	36	bc, bc, sp, fog	*	0.01	
	Pembroke (St. Ann's Hd.)	29.93	43	W	7	0	30.03	+1.59	48	45	+8	SW	7	0	6	49	39	bc, sp, fog	3.7	0.02	
	Scilly (St. Mary's)	30.07	45	WNW	5	0	30.16	+1.56	46	44	+4	SW	4	0	6	46	41	C, bc	3.8	0.11	
	Jersey (St. Aubins)	30.06	43	WNW	6	0	30.31	+1.64	45	43	0	WSW	4	0	3	46	37	cl, bc, sp, fog	2.0	0.21	
	Portland Bill ...	29.96	45	WNW	6	0	30.20	+1.70	47	47	+6	WSW	4	0	4	48	40	bc	4.4	0.02	
	Dungeness ...	29.84	41	W	5	0	30.19	+1.72	44	38	0	W	3	0	4	44	35	bc, bc, sp	4.8	-	
	Dover ...	29.87	37	WSW	2	0	30.22	+1.71	36	35	-4	WSW	2	0	4	42	35	o, bc	5.0	-	
	Wick ...	29.29	33	W	3	S	29.40	+1.56	39	38	+10	S	4	0	3	39	25	-	*	0.15	
Nairn ...	29.39	31	W	1	bc	29.46	+1.55	39	37	+10	SW	3	0	1	39	26	bc, cl, o	0.4	0.06		
Aberdeen ...	29.36	34	WNW	5	0	29.61	+1.65	37	36	+6	SSW	4	0	2	38	27	bc, bc, sp, o	0.6	-		
Leith ...	29.43	35	W	3	0	29.67	+1.64	41	39	+9	S	5	0	4	43	31	bc, o, bc, sp, bc	*	0.09		
North Shields	29.49	36	W	5	0	29.84	+1.73	40	38	+8	SW	3	0	2	40	31	bc, S, C	*	0.07		
Spurn Head ...	29.56	38	WNW	7	0	30.00	+1.78	35	34	0	SW	5	0	3	39	35	bc, bc, sp, bc	*	0.03		
Yarmouth ...	29.66	39	WSW	4	bc	30.11	+1.78	33	32	-6	WSW	3	0	4	49	33	bc, bc, sp	5.9	0.05		
Clacton-on-Sea	29.78	39	WSW	5	bc	30.17	+1.72	35	34	-5	SW	2	0	2	40	34	bc, bc, sp	6.3	-		
Nottingham ...	29.74	39	W	5	0	30.04	+1.72	37	35	+3	W	3	0	5	40	33	bc, bc, bc, bc	4.5	-		
Bath ...	29.70	39	W	1	0	30.14	+1.64	37	36	-1	W	1	0	5	43	33	-	3.7	0.02		
Oxford ...	29.97	37	WSW	5	0	30.18	+1.69	38	36	+2	SW	2	0	5	42	35	bc, bc, sp, bc	*	-		
London (St. Jame's Pk)	29.86	40	W	3	0	30.18	+1.73	35	34	-5	SW	2	0	5	42	35	bc, o, bc	4.8	-		
GERMANY, & C.	The Scaw (Skagen)	29.27	35	W	6	0	29.61	+1.30	37	35	0	NW	5	0	1	37	34	*	*	0.20	
	Fanö ...	29.47	35	SW	4	0	29.86	+1.51	35	35	0	WNW	2	0	5	37	32	*	*	0.24	
	Cuxhaven...	29.59	36	SW	6	0	29.94	+1.45	37	36	+3	W	4	0	5	39	32	*	*	0.04	
	The Helder ...	29.64	40	WSW	7	0	30.11	+1.70	40	37	0	W	4	0	4	41	37	*	*	0.08	
	Brussels ...	*	*	*	*	*	30.25	+1.63	33	33	-5	SW	2	0	5	41	32	*	*	1.50	
	Berlin...	29.75	39	SW	2	0	29.92	+1.21	36	30	+5	W	5	0	5	41	31	*	*	0.04	
	Frankfurt...	29.99	36	SW	3	0	30.24	+1.40	35	37	+1	S	2	0	5	45	34	*	*	0.16	
Munich...	30.02	37	SW	4	0	30.34	+1.40	32	39	-7	W	6	0	5	39	30	*	*	0.12		
FRANCE.	C. Gris Nez ...	29.83	42	W	7	0	30.20	+1.72	43	41	-1	WSW	5	0	5	45	41	*	*	-	
	La Hève ...	30.01	41	W	7	bc	30.31	+1.64	39	38	-2	WSW	5	0	6	45	37	*	*	0.04	
	Brest ...	30.17	47	WNW	5	0	30.33	+1.57	50	46	+5	WSW	4	0	5	50	45	*	*	0.04	
	Lorient ...	30.18	46	NW	5	0	30.25	+1.54	46	45	+1	WSW	5	0	4	48	45	*	*	0.12	
	Rochefort ...	30.26	47	NW	4	bc	30.46	+1.47	44	43	-4	SSE	3	0	5	52	41	0	*	0.08	
	Biarritz ...	30.35	51	WNW	5	0	30.48	+1.25	42	41	-8	SE	1	0	5	54	41	*	*	0.12	
	Paris ...	30.07	39	W	3	0	30.37	+1.57	32	32	-7	SW	2	0	5	47	31	*	*	-	
Belfort...	30.00	45	WSW	7	0	30.42	+1.49	33	32	-7	WSW	6	0	5	48	32	*	*	0.12		
Lyons ...	30.18	46	SSW	2	0	30.52	+1.50	33	32	-10	NW	1	0	5	49	31	*	*	0.04		
Nice ...	29.98	48	2	0	bc	30.22	+1.24	44	37	+2	2	0	5	54	41	*	*	-			
Perpignan ...	30.24	51	NW	3	0	30.47	+1.44	41	37	-11	N	2	0	5	55	40	*	*	-		
Sanguinaire ...																					
SPANISH PENIN.	Corunna ...	30.39	54	WNW	1	bc	30.50	+1.03	39	38	-11	NW	1	0	7	55	36	*	*	-	
	Lisbon ...	30.25	53	NNE	4	0	30.30	+1.15	48	44	-5	NNE	5	0	5	55	46	*	*	-	
	Azores (P. Delgada)	30.32	54	NNE	2	0	30.27	+1.02	51	46	-4	NNE	2	0	2	61	50	*	*	-	
	" Horta ...	30.32	53	W	3	0	30.26	+1.00	54	51	+1	WSW	3	0	2	61	52	*	*	-	

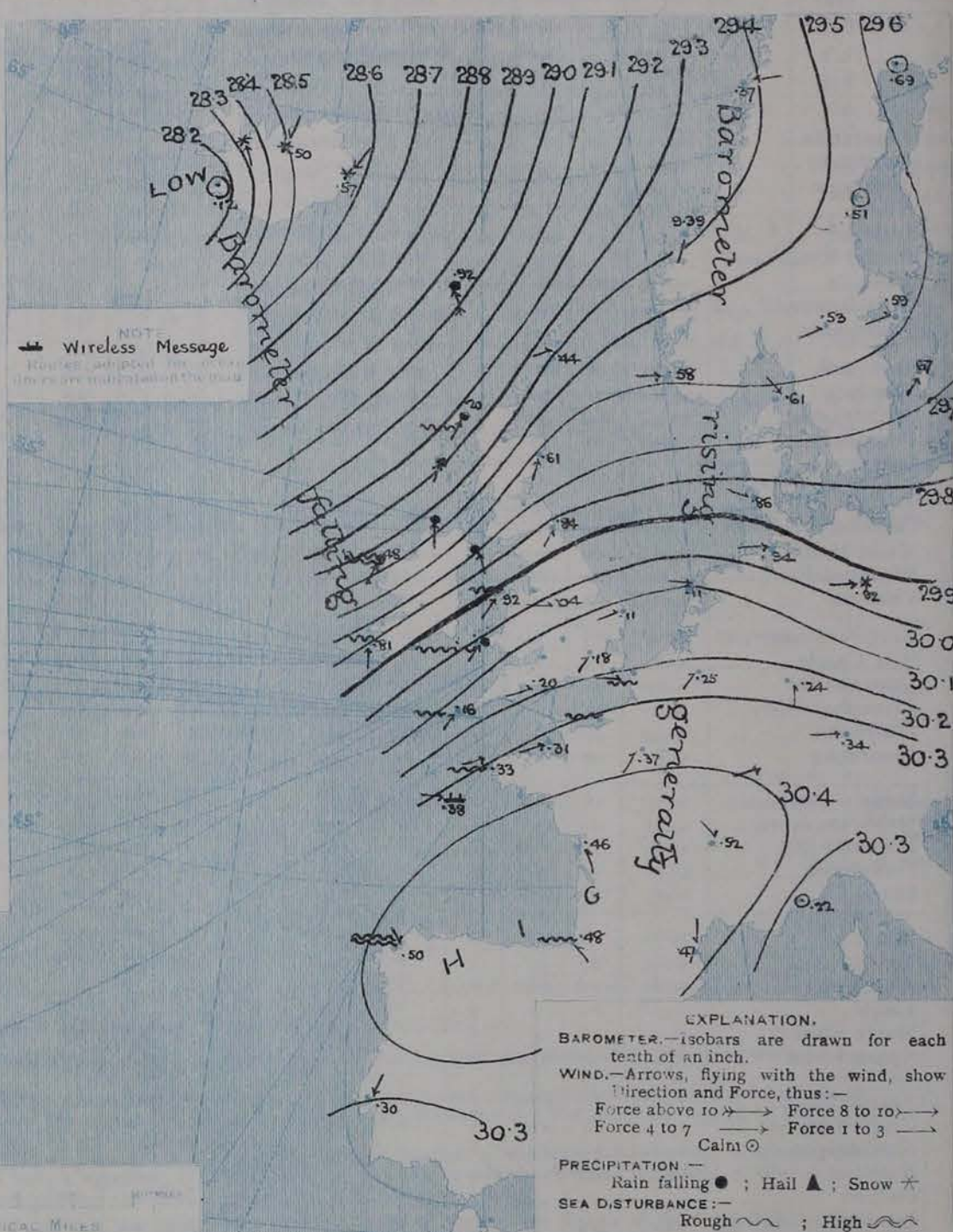
7 A M. YESTERDAY.



6 P M YESTERDAY

[illegible]

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



The wind has backed to the South-Westward over these Islands and again increased in force. It blows a gale at Blacksod Point, and is fresh to high in the West generally. Over the Icelandic region it draws into South-East or East, and blows a gale at Thorshavn. Temperature has risen quickly in the north and west of the United Kingdom, fallen in most other places. Over this country it ranges from 55° on the west coast of Ireland to 33° at Great Yarmouth. Rain has again set in at our western and extreme northern stations, and also at Orient, but in most parts of England the weather is fair or fine. Fair or fine conditions prevail in most Continental regions, but snow is falling at Berlin.

CHARTS 17th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

Snow showers have fallen in many northern and eastern localities and rain in some other districts. Thunder and lightning have occurred at Jersey and Liverpool, and lightning has been seen at some other stations. The maximum temperatures registered were below 40° in the north east of Great Britain, and very little above 40° in any part of England, the lowest temperature reported being 25° at Wick. Several hours of bright sunshine were recorded in the south and east of England.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

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

None Issued

II WESTERN CHANNEL AND BAY

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

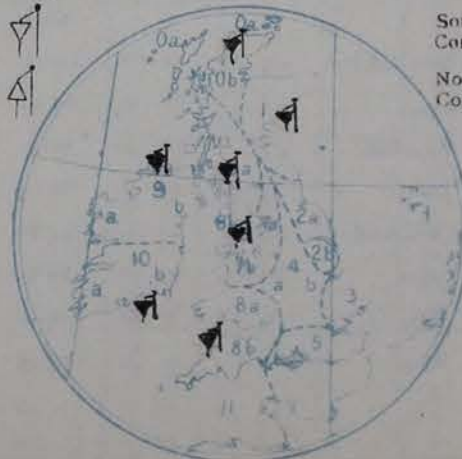
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



DAILY WEATHER REPORT.

Sunday, 17th January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m. ...	38	32	g.p.s., b., cp	Hrs.	Ins.	Brighton, to 6 p.m. ...	46	38	clth, b	4.8	0.43
Rossall Beach, to 6 p.m. ...	42	34	chq., cq	*	0.17	Eastbourne, to 6 p.m. ...	*	*	*	*	*
Blackpool, to 9 p.m. ...	43	32	oth., cl., c	0.5	0.23	Bexhill-on-Sea, to 9 p.m. ...	45	36	bc, h., tl., bc	4.3	0.25
Southport, to 9 p.m. ...	42	32	ot., h., o., b	0.7	0.23	Hastings ...	*	*	*	5.0	*
Rhyl, to 6 p.m. ...	*	*	*	0.8	0.17	Folkestone, to 6 p.m. ...	45	36	bc, h., tl., bc	4.3	0.25
Colwyn Bay, to 6 p.m. ...	41	34	o., bc	? 0.5	0.21	Ramsgate, to 6 p.m. ...	*	*	*	4.9	0.05
Llandudno, to 9 p.m. ...	42	33	os., c	0.2	-	Margate, to 6 p.m. ...	42	37	r., b	4.9	0.17
Bettws-y-Coed, to 6 p.m. ...	*	*	*	*	*	Felixstowe, to 6 p.m. ...	*	*	*	*	*
Towyn, to 6 p.m. ...	46	35	o., b., c	1.2	0.20	Lowestoft, to 6 p.m. ...	*	*	*	*	*
Aberystwyth, to 6 p.m. ...	45	36	*	0.5	0.15	Skegness, to 6 p.m. ...	40	32	osk., b., o	5.2	0.03
Plymouth, to 9 p.m. ...	*	*	*	*	*	Scarborough, to 9 p.m. ...	39	32	rgs., og	0.0	-
Torquay, to 6 p.m. ...	45	36	*	4.2	0.18	Harrogate, to 6 p.m. ...	36	30	b., os., bc., s	2.0	0.20
Weymouth, to 6 p.m. ...	45	34	b., bc., b	4.4	0.13	Buxton, to 6 p.m. ...	34	29	c., os., bc., c	1.5	0.27
Bournemouth, to 6 p.m. ...	44	33	rsk., bc., b	5.4	0.18	Darwen, to 9 p.m. ...	38	30	osk., ou	0.0	0.35
Southsea, to 6 p.m. ...	*	*	*	*	*	Manchester, to 9 p.m. ...	41	33	bc., cs., o., c	0.8	0.11
Worthing, to 6 p.m. ...	43	37	r., c., b	5.7	0.16	Birmingham, to 9 p.m. ...	41	30	s., b., o	3.7	0.14

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

STATIONS. 16th Jan. 1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 15th Jan. 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	68	46	b., b	Ins.	St. Petersburg ...	27	19	o., o	Ins.
Marseilles ...	57	39	o., o	-	Utrecht ...	48	32	b., c	-
Malta ...	60	52	b.	-	Groningen ...	46	32	b., b	0.08
Algiers ...	64	50	b., bc	-	Geneva ...	54	*	o	Measured 7.80 a.m.
Tunis ...	57	39	bc., bc	-	Berne ...	50	*	bc	0.04
Palermo ...	65	44	b., o	-	Coire ...	41	*	b	0.20
Naples ...	56	37	o., bc	-	Castasegna ...	34	*	m	0.32
Brindisi ...	56	37	b., b	-	Lugano ...	36	*	o	*
Florence ...	55	47	o., o	-	Davos ...	34	*	o	0.20
Rome ...	56	46	b., o	-					
Vienna ...	43	37	f., o	0.16					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
Corsican 3pm. 12th Jan.	49 N	35 W.	29.99	SW	4-5	-	-	-	-	-
" " 6pm " "	49 N	36 W	29.95	WSW	6-7	bc	-	-	-	-
" " 11am 13th "	48 N	39 W	30.17	WNW	6-7	*	-	-	-	-
" " 7am " "	48 N	40 W	30.19	W	6-7	bc	-	-	-	-
Minneapolis 10am 16th "	50 N	9 W	29.80	WNW	8-9	-	-	-	-	-
" " 1pm " "	50 N	9 W	29.94	WNW	6-7	bc	-	-	-	-
" " 3pm " "	50 N	10 W	29.92	W	6-7	-	-	-	-	-
" " 6pm " "	50 N	11 W	29.98	W	4-5	b	-	-	-	-

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

17th & 18th Jan. 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	7.57	12.3	4.9
Greenwich ...	...	7.55	12.3	4.11
Wick ...	...	8.0	12.10	4.21
Valencia ...	...	7.59	12.10	4.23
		8.50	12.22	3.54
		8.48	12.22	3.57
		8.42	12.51	5.0
		8.41	12.51	5.2

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,
18th January, 1909.

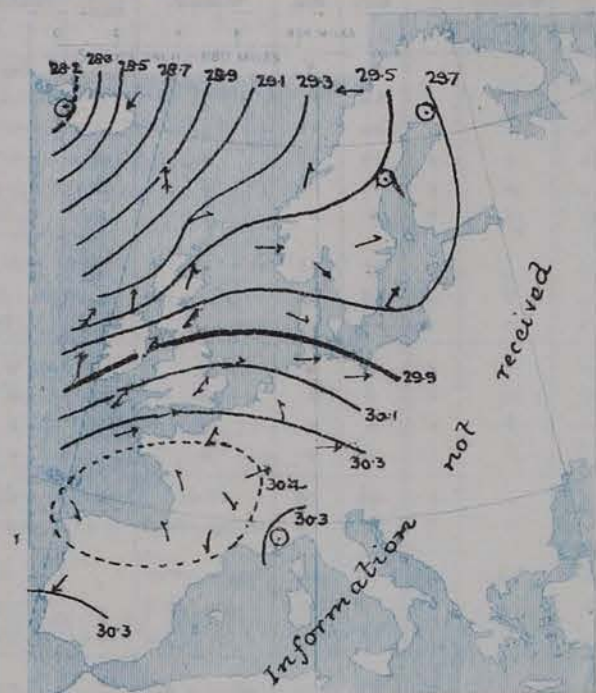
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sunshine.	Rainfall.		
At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Max.	Min.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	29.78	30	S	4	o	29.56	-13	26	26	+5	SSE	6	S	*	30	19	*	*	0.16	
	Hernösand ...	29.69	29	Z	0	o	29.56	+05	34	32	+7	S	4	o	*	34	16	*	*	-	
	Stockholm ...	29.91	30	SW	2	b	29.88	+29	36	35	+5	SSW	6	o	*	36	30	*	*	-	
	Wisby... ..	29.99	35	W	6	b	30.06	+39	37	35	+2	SW	4	o	*	37	34	*	*	0.04	
	Karlstad ...	29.87	34	SSW	2	o	29.78	+25	37	37	+3	SSW	6	r	*	*	*	*	0.04		
	Færder (X'ianta Fjord)																				
	Bodö	29.37	30	E	4	b	29.10	-27	38	37	+13	SE	4	o	1	38	25	*	*	-	
ICELAND & FAEROE.	Christiansund ...	29.15	43	SW	2	c	29.19	-20	36	35	-1	SW	4	r	4	43	36	*	*	0.12	
	Skudesnaes ...	29.57	44	S	8	o	29.52	-06	46	45	+7	S	6	o	6	46	39	*	*	0.39	
	Reykjavik ...	28.15	28	E	7	S	28.19	+07	31	*	+3	Z	0	c	*	*	*	*	*		
	Blönduós ...	28.30	31	NE	2	o	28.34	+02	28	*	-1	E	3	bc	*	*	*	*	*		
BRITISH ISLANDS.	Seydisfjord... ..	28.19	32	WNW	6	b	28.38	-19	30	*	-5	Z	0	b	*	*	*	*	*		
	Thorshavn ...	28.72	39	W	8	c	28.87	-05	38	*	-1	WSW	7	c	*	*	*	*	*		
	Sumburgh Head	29.09	45	SW	6	c	29.22	-22	42	40	+3	SW	1	o	3	46	38	r.c	*	0.29	
	Stornoway ...	29.17	43	WSW	5	c	29.20	-00	39	38	-4	Z	0	o	0	50	38	or.cq.p.dpm	0.1	0.51	
	Castlebay (Barra Id.)																				
	Malin Head ...	29.38	46	SW	7	cq.pgm	29.33	-07	42	42	+1	SW	5	orm	4	49	40	q.p.m.orm	*	0.55	
	Blacksod Pt. ...	29.42	50	SW	7	rgm	29.36	-12	42	41	-8	WSW	6	rg	5	53	41	og.p.m.orm	*	1.10	
	Valencia	29.69	51	S	6	og	29.45	-36	47	46	-3	SW	4	r	6	53	47	o.og.cq.p.m	0.0	0.26	
	Roche's Point ...	29.82	50	SW	6	r	29.56	-36	50	49	+1	SW	8	r	6	51	49	od.o.c.od	*	0.09	
	Birr Castle ...	29.66	50	SSW	6	org	29.43	-34	50	49	+7	WSW	7	org	*	52	42	org	0.0	0.08	
GERMANY, & C.	Donaghadee ...	29.59	49	SSW	3	rg	29.45	-28	48	47	+6	WSW	5	o	5	52	40	ogq.ogp.	*	0.04	
	Liverpool Obsy...	29.86	49	SSW	5	o	29.76	-22	49	45	+10	SSE	3	o	6	50	39	og	0.0	-	
	Holyhead	29.78	50	SW	8	og.p.m	29.65	-27	49	48	+1	SW	7	cq.p.m	5	50	47	o.og.p.m	*	0.02	
	Pembroke (St. Ann's Hd.)	29.95	50	SSW	7	c	29.76	-27	49	48	+1	S	8	cq	6	50	47	cq.p.m	0.0	0.02	
	Scilly (St. Mary's) ...	30.08	51	SW	6	cp	29.87	-29	49	46	+3	SSW	6	cp	5	53	41	c.cp	1.7	0.14	
	Jersey (St. Aubins) ...	30.30	47	SSW	4	bc	30.15	-16	45	43	0	S	5	o	4	51	42	cq.p.m.bc.og	3.5	0.01	
	Portland Bill ...	30.16	50	SW	6	cq.p	30.02	-18	49	48	+2	SW	6	o	5	50	46	c.cq.p	0.9	0.03	
	Dungeness	30.20	48	WSW	4	c	30.08	-11	47	45	+3	SW	6	bc	6	48	38	bc.c	3.3	*	
	Dover	30.22	46	SW	4	o	30.12	-10	46	44	+10	SW	5	c	6	47	35	b.o.r.o.c	4.1	0.03	
	Wick	29.25	43	W	4	c	29.25	-15	42	40	+3	SW	2	o	3	45	38	-	*	0.08	
FRANCE.	Nairn	29.26	44	SW	2	r	29.27	-19	43	41	+4	W	2	o	1	47	38	or.Z.o	0.0	0.44	
	Aberdeen	29.35	47	SW	6	o	29.35	-26	47	45	+10	SSW	3	o	2	50	37	og.c.o.cq	0.0	-	
	Leith	29.50	50	S	8	r	29.39	-28	50	48	+9	S	7	r	*	52	36	ogp.org	*	0.39	
	North Shields ...	29.67	50	S	4	o	29.55	-29	49	46	+9	SW	7	c	2	51	39	-	*	-	
	Spurn Head	29.87	45	SW	5	bc	29.79	-21	46	44	+11	SW	6	bc	4	47	35	cd.bc.bca	*	-	
	Yarmouth	30.09	45	SSW	3	cm	30.04	-07	45	44	+12	SW	5	c	4	45	33	c.cm	3.1	-	
	Clacton-on-Sea ...	30.14	43	SSW	4	c	30.07	-10	42	41	+7	S	5	c	4	45	34	bc.c.a.c	4.4	-	
	Nottingham	29.95	48	SW	5	b	29.86	-18	48	46	+11	SW	6	o	*	49	36	c.op.o.bc.c.o	0.2	-	
	Bath	30.11	50	SW	2	o	29.98	-16	49	47	+12	SW	2	r	*	51	37	-	1.7	0.01	
	Oxford	30.08	48	SW	5	o	30.00	-18	46	45	+8	S	6	ogq.	*	50	37	bc.c.cq.or	*	0.02	
SPANISH PENIN.	London (St. James's Park)	30.13	49	SW	4	og	30.04	-11	47	45	+12	SSW	4	bcq.	*	50	35	bc.o.ogp	1.1	0.01	
	The Scaw (Skagen)	29.87	38	WSW	5	o	29.81	+20	41	41	+4	SW	5	o	1	43	36	*	*	0.20	
	Fanø	30.03	37	SE	6	r	30.00	+14	40	39	+5	SW	4	c	*	41	35	*	*	0.08	
	Cuxhaven†... ..	30.19	36	S	3	o	30.17	+23	38	35	+1	S	4	c	*	39	36	*	*	-	
	The Helder	30.15	42	SSW	6	o	30.13	+02	40	39	0	SSW	5	c	3	43	39	*	*	-	
	Brussels	*	*	*	*	*	30.29	+04	35	35	+2	SSE	2	b	*	44	33	*	*	-	
	Berlin†... ..	30.32	35	W	2	b	30.38	+46	32	30	-4	SW	2	c	*	39	30	*	*	-	
	Frankfurt†... ..	30.45	35	SW	3	bc	30.43	+19	32	33	-3	SW	1	f	*	45	32	*	*	-	
	Munich†... ..	30.54	33	NW	3	o	30.55	+21	25	100	-7	SSW	2	b	*	34	23	*	*	0.04	
	C. Gris Nez	30.22	46	SW	5	c	30.12	-08	43	43	0	SW	6	bc	6	48	43	*	*	-	
SPANISH PENIN.	La Hève	30.33	41	SSW	4	c	30.15	-16	39	39	0	S	4	b	4	48	36	*	*	-	
	Brest	30.28	51	SW	5	c	30.10	-23	50	47	0	SSW	5	bc	3	52	46	*	*	-	
	Lorient	30.32	48	SW	5	o	30.12	-23	49	49	+3	S	5	o	4	54	46	*	*	-	
	Rocheport	30.45	48	S	3	b	30.28	-18	38	37	-6	SE	3	b	*	55	36	*	*	-	
	Biarritz	30.43	46	E	1	b	30.26	-22	41	37	-1	Z	0	b	5	52	37	*	*	-	
	Paris	30.41	42	S	3	c	30.33	-04	32	32	0	S	2	b	*	48	32	*	*	-	
	Belfort... ..	30.42	42	WSW	4	c	30.40	-02	28	27	-5	ENE	4	c	*	47	26	*	*	-	
Lyons	30.54	36	WSW	2	b	30.45	-07	28	28	-5	SSE	1	b	*	44	28	*	*	-		
Nice	30.35	42	Z	0	b	30.37	+15	40	36	-4	E	1	b	2	54	37	*	*	-		
Perpignan	30.45	44	SW	1	b	30.37	-10	31	30	-10	SW	1	b	*	53	30	*	*	-		
Sanguinaire	30.14	49	S	3	b	30.18		48	46		E	2	m	2	59	45	*	*	-		
SPANISH PENIN.	Corunna																	*	*	-	
	Lisbon	30.27	54	NE	3	o	30.23	-07	49	46	+1	ENE	3	o	*	57	48	*	*	-	
	Azores (P. Delgada)...	30.16	60	WSW	4	o	30.20	-07	53	49	+2	NNE	5	bc	4	61	50	*	*	-	
„ Horta	30.16	58	NNW	4	r	30.31	+05	50	45	-4	N	4	bc	3	63	50	*	*	0.20		

SUPPLEMENTARY CHARTS

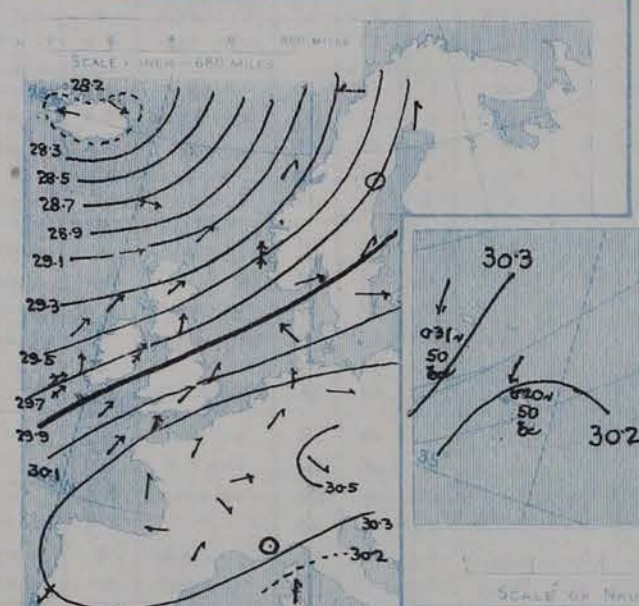
OF BAROMETER AND WIND

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

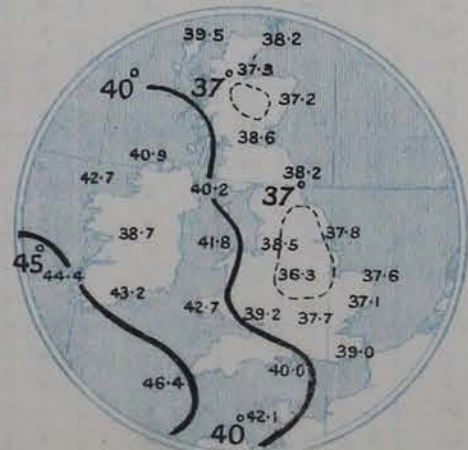
7 A.M. YESTERDAY



6 P.M. YESTERDAY

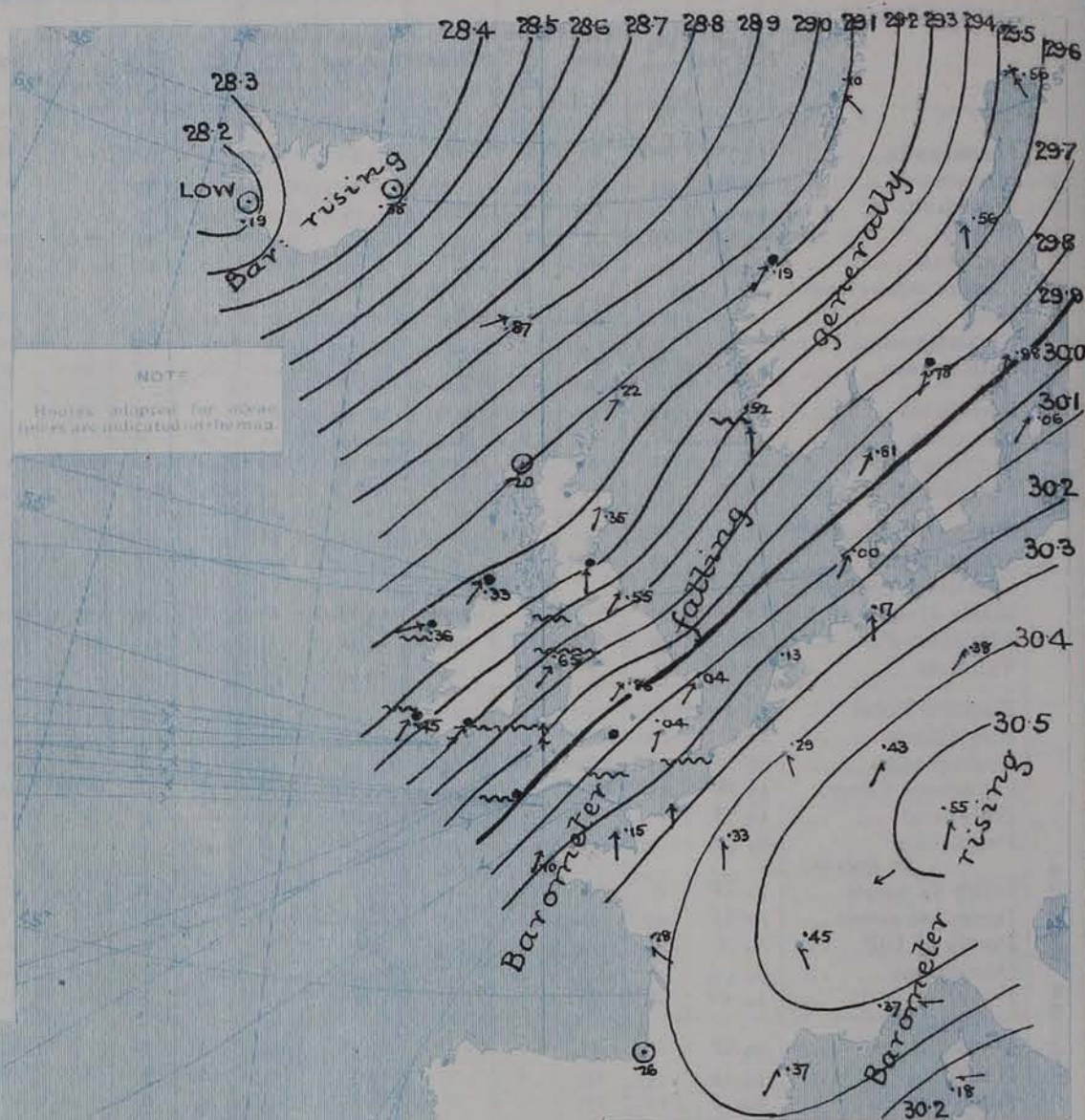


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



WEATHER

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



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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

The central space of a high pressure system now lies over South Germany, with the barometer above 30½ ins. Thence northwards, across the British Isles the readings diminish to 29.2 ins. in the Hebrides, and to 28.2 ins. in the southwest of Iceland. The gradient consequently is rather steep.

Winds from between S. and W. are reported from nearly the whole of the region under observation, but E. & S. over Southeastern France. Calms and light breezes prevail in Scotland, Iceland and over the inland parts of the Continent, strong to high winds in many parts of England and Ireland, a gale at Pembroke and Roche's Point.

Temperature has risen in most parts of the British Isles, Denmark and Scandinavia, fallen in most other neighbourhoods. At the home stations the values range from 39° at Stornoway to 50° at Roche's Point and Leith; in Scandinavia from 26° at Haparanda to 46° at Skudesnaes; over Western Europe from 25° at Munich to 50° at Brest; and in Iceland from 25° to 31°.

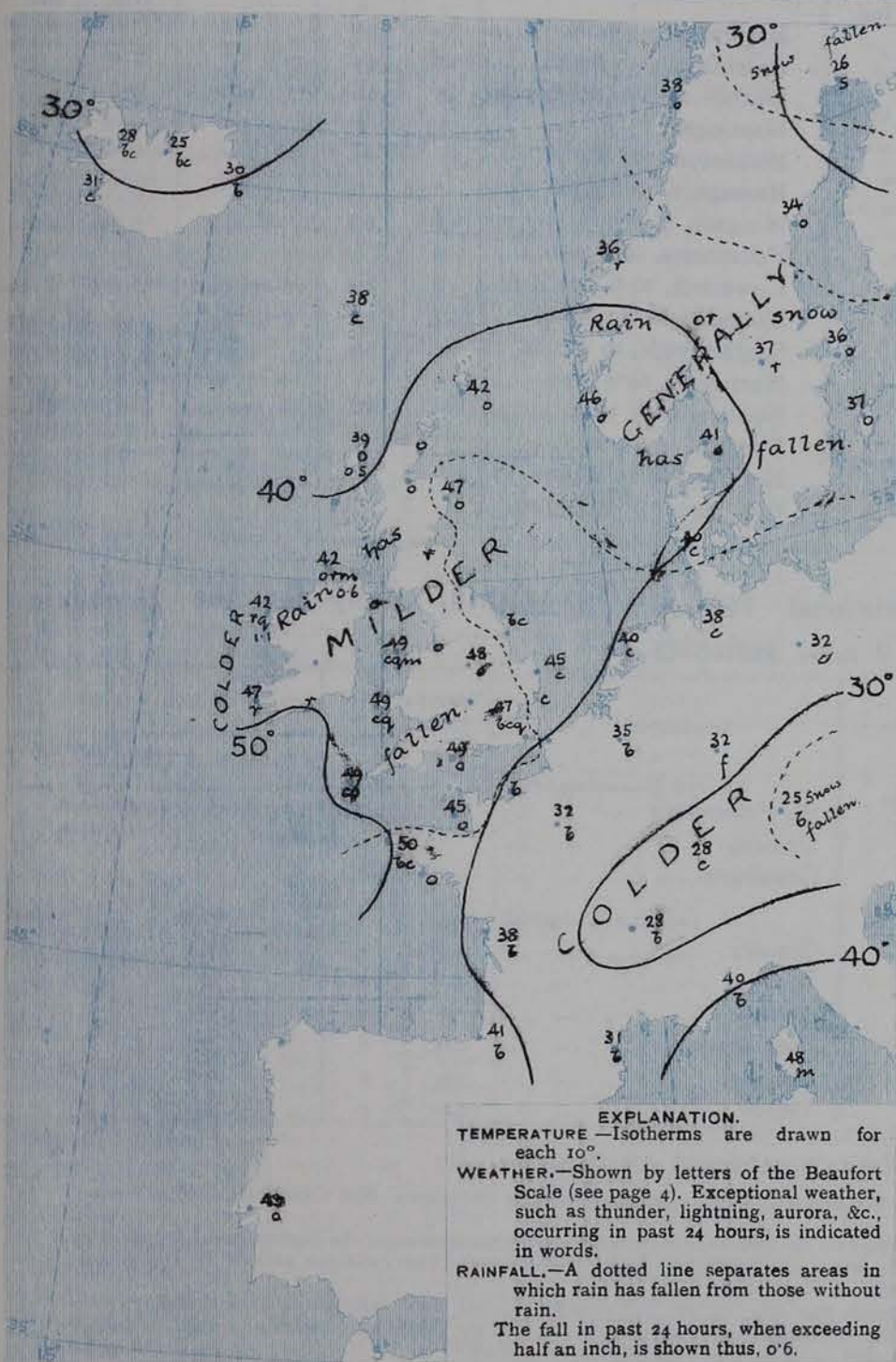
Cloudy, unsettled weather prevails over the British Isles and Scandinavia, with rain in several places, but over the western portion of the Continent it is mostly fine and clear.

The sea is rough or rather rough on most parts of our western and southern coasts, on the Bay of Biscay and off Skudesnaes.

CHARTS

18th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

Temperature rose yesterday to 50° and upwards in many parts of the Kingdom, to 56° at Towyn. Rain has fallen in many districts, heavily on the northwestern coasts, $\frac{1}{2}$ inch at Stornoway and Malin Head, 1.1 inch at Blackhead Point. At most of the western and northern stations there was no bright sunshine, but in the southeast and east the records exceeded 4 hours at a number of stations.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression out on the Atlantic will maintain its influence on the conditions over these Islands, and windy, changeable weather is likely during the coming 24 hours.

FORECASTS

For the 24 hours commencing at NOON TO-DAY.

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

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

Wind between S. and W., fresh or strong, a gale in places, moderating later; squally, changeable, some rain; mild.

II WESTERN CHANNEL AND BAY.

S. to W. strong winds and gales; moderating later; rough sea, high N.W. swell; squally, changeable, some rain; mild.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

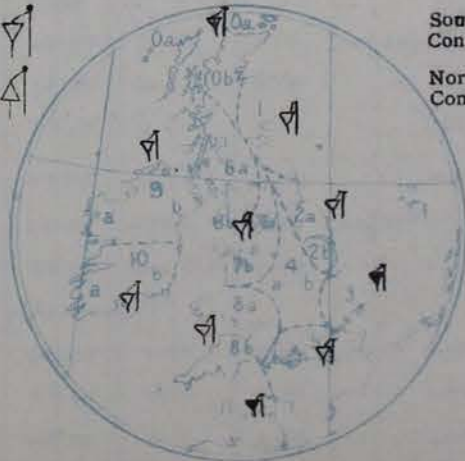
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



DAILY WEATHER REPORT.

Monday 18th Jan 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	53	35	bc, o, c, q	*	-	Brighton, to 6 p.m. ...	48	34	*	2.6	0.28
Rossall Beach, to 6 p.m....	47	37	cq, c	*	0.01	Eastbourne, to 6 p.m. ...	50	38	*	3.9	-
Blackpool, to 9 p.m. ...	48	37	c, o	0.0	0.02	Bexhill-on-Sea, to 9 p.m.	48	26	q	4.6	-
Southport, to 9 p.m. ...	50	36	o, op, o	0.0	0.01	Hastings	*	*	*	4.2	*
Rhyl, to 6 p.m.	50	41	*	0.2	0.02	Folkestone, to 6 p.m. ...	47	31	bc, q, r, c	4.2	-
Colwyn Bay, to 6 p.m. ...	50	46	c, r	0.0	0.04	Ramsgate, to 6 p.m. ...	*	*	*	4.7	-
Llandudno, to 9 p.m. ...	43	38	on, o, bc, o	0.3	-	Margate, to 6 p.m. ...	48	34	bc, o	4.4	-
Bettws-y-Coed, to 6 p.m.						Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m.	56	40	o	0.0	-	Lowestoft, to 6 p.m. ...	46	33	on, op, c, o	2.8	0.02
Aberystwyth, to 6 p.m. ...	50	39	*	0.0	-	Skegness, to 6 p.m....	45	32	s, h, bc	0.3	0.09
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	47	33		3.1	0.12
Torquay, to 6 p.m....	52	38	*	0.8	0.01	Harrogate, to 6 p.m. ...	46	31	os, c, o	0.0	0.13
Weymouth, to 6 p.m. ...	52	40	bc, bc, c	0.9	-	Buxton, to 6 p.m. ...	28	30	6, osp, o	0.0	0.02
Bournemouth to 6 p.m. ...	51	36	bc, bc, d	1.5	0.05	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m....	51	37	*	2.8	0.03	Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	48	32	c, o, r, c	2.4	0.07	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. 17th January, 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 17th January, 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira	Observations not received.			Ins.	St. Petersburg	Observations not received.			Ins.
Marseilles					Utrecht				
Malta					Groningen				
Algiers									
Tunis					16th January, 1909.	1.30 p.m.		1.30 p.m.	Measured
Palermo					Geneva	46	*	bc	7.30 a.m. 0.16
Naples					Berne	41	*	o	0.16
Brindisi					Coire	43	*	o	-
Florence					Castasegna... ..	39	*	bc	-
Rome					Lugano	39	*	o	0.04
Vienna					Davos... ..	34	*	s	-

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE, F.			Sea Dis- turb- ance.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
Baltic 4 a.m. 14th Jan.	51 N.	13 W.	29.54	WNW	1-3	-	-	-	-	-
" 7 a.m. -	51 N.	14 W.	29.57	W	6-7	bc	-	-	-	-
" 3 p.m. -	51 N.	16 W.	29.52	WNW	8-9	-	-	-	-	-
" 6 p.m. -	51 N.	17 W.	29.54	W	8-9	c	-	-	-	-
H.M.S. 4 a.m. 17th Jan.	48° 4' N.	5° 56' W.	30.37	W	4	c	51	47	49	5
" 8 a.m. -	47° 30' N.	6° 30' W.	30.38	W	4	bc	54	49	52	5
Barometer steady.										
Lucania 3 p.m. -	51 N.	10 W.	29.64	WSW	8-9	-	-	-	-	-
" 6 p.m. -	51 N.	11 W.	29.52	WSW	8-9	o	-	-	-	-
Montreal 3 p.m. -	50 N.	11 W.	29.74	SW	10-11	-	-	-	-	-
" 6 p.m. -	50 N.	11 W.	29.68	SW	8-9	o	-	-	-	-

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

18th 19th Jan 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	{	7.55 7.54	12.3 12.4	4.11 4.13
Greenwich	{	7.59 7.57	12.10 12.11	4.23 4.25
Wick	{	8.48 8.46	12.22 12.23	3.57 4.0
Valencia	{	8.41 8.40	12.51 12.52	5.2 5.4

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

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

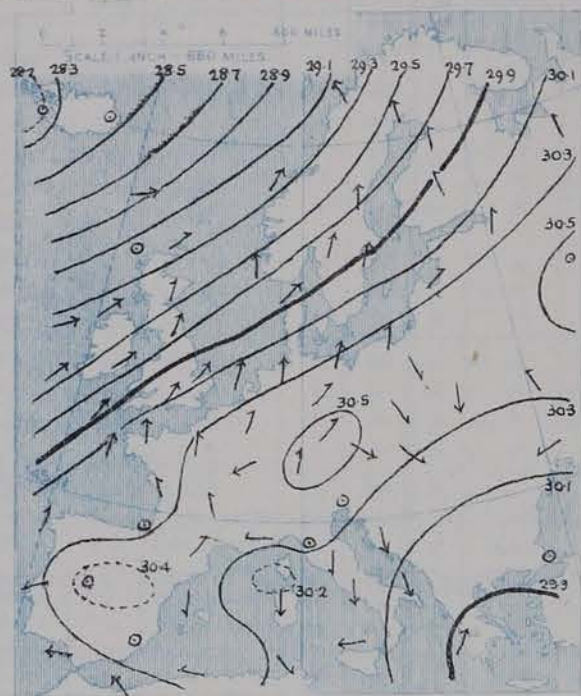
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday
19th January 1909.

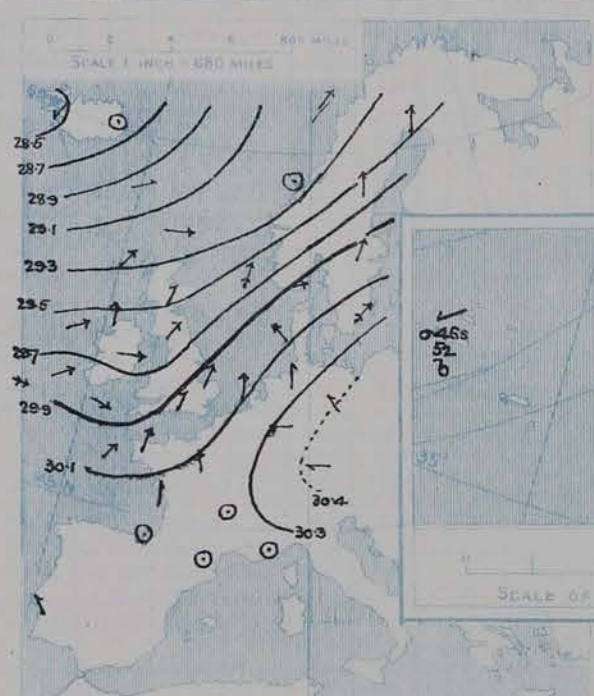
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
				At 32° Fahr. and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dirac.	Force (0 to 12).				Max.	Min.
SCANDINAVIA.	Haparanda...	29.44	33	S	4	o	29.40	-16	34	33	+8	SW	4	o	*	34	26	*	*	0.12	
	Hernösand ...	29.57	37	S	4	o	29.67	+11	41	39	+7	S	4	o	*	41	27	*	*	-	
	Stockholm ...	29.95	37	SSW	6	o	30.06	+18	36	35	o	SSW	6	bc	*	37	28	*	*	-	
	Wisby...	30.15	37	SW	8	o	30.23	+17	37	35	o	SSW	6	o	*	37	32	*	*	0.04	
	Karlstad ...	29.88	38	SSW	6	r	29.99	+21	37	36	o	SSW	6	o	*	*	*	*	*	-	
	Færder (X'iania Fjord)														*	*	*	*	*	-	
	Bodö ...	29.24	39	SW	5	o	29.27	+17	39	37	+1	SW	6	c	3	39	36	*	*	0.28	
ICELAND & FAEROE.	Christiansund ...	29.14	40	2	o	r	29.50	+31	39	37	+3	WSW	6	o	4	41	34	*	*	1.42	
	Skudesnaes ...	29.60	45	SSW	8	o	29.76	+24	44	43	-2	WSW	4	o	5	46	43	o	*	-	
	Reykjavik ...	28.43	31	NE	3	o	29.25	+1.06	25	*	-6	N	3	bc	*	*	*	*	*	*	
	Blönduós ...	28.58	28	E	9	S	29.32	+98	24	*	-4	2	o	S	*	*	*	*	*	*	
BRITISH ISLANDS.	Seydisfjord...	28.53	32	2	o	o	29.01	+63	30	*	o	SW	4	c	*	*	*	*	*	*	
	Thorshavn ...	28.91	40	WSW	3	o	29.12	+25	42	*	+4	WSW	6	c	*	*	*	*	*	*	
	Sumburgh Head	29.21	44	W	5	o	29.51	+29	40	36	-2	W	5	b	6	45	37	o	*	0.08	
	Stornoway ...	29.29	37	SW	6	bcq	29.59	+39	37	36	-2	SSW	6	rq	5	44	35	odfm, cpnbg	0.0	0.24	
	Castlebay (Barra Id.)	29.41	40	W	5	bcqp	29.67	+44	42	40	-5	SW	4	chp	6	48	37	odfm, bc, ohp	0.0	0.06	
	Malin Head ...	29.51	41	S	4	cpm	29.78	+45	36	36	-6	SW	6	ogpm	3	43	33	odfm, cp, opm	*	0.11	
	Blackod Pt. ...	29.58	40	WSW	5	cp	29.93	+57	41	38	-1	W	4	cp	3	45	35	odfm, oqm, bc	*	0.12	
	Valencia ...	29.75	43	WSW	5	c	30.09	+64	40	37	-7	W	3	b	5	48	35	odfm, bcqp	0.1	0.43	
	Roche's Point ...	29.74	43	NW	4	bc	30.09	+53	35	34	-15	NNW	3	bx	3	50	33	+o, cp, b	*	0.42	
	Birr Castle ...	29.69	39	SW	2	c	30.04	+61	32	31	-18	2	o	bx	*	50	30	odfm, c	0.0	0.32	
	Donaghadee ...	29.60	40	WSW	2	o	29.92	+47	34	33	-14	SW	3	b	2	50	32	odfm, bc	*	0.13	
	Liverpool Obsy...	29.67	49	SSE	3	o	29.98	+22	40	36	-9	WSW	4	o	3	52	39	odfm, bc, or	0.2	0.08	
	Holyhead ...	29.65	48	W	6	rq	30.01	+36	40	38	-9	WNW	4	bc	3	50	38	rq	*	0.44	
	Pembroke (St. Ann's Hd.)	29.73	46	W	5	r	30.05	+29	42	38	-7	WNW	4	bc	5	50	40	cp, or	1.0	0.21	
	Scilly (St. Mary's) ...	29.81	50	WNW	5	r	30.08	+21	48	45	-1	WNW	4	c	5	53	47	c, r	1.0	0.08	
	Jersey (St. Aubins) ...	30.02	48	SSW	5	o	30.05	-10	43	41	-2	NW	5	o	4	49	40	odfm, oqmod	2.8	0.06	
	Portland Bill ...	29.92	50	SSW	6	o	30.03	+01	44	42	-5	NW	3	o	4	50	40	o	0.0	0.03	
	Dungeness ...	30.01	46	SSW	6	bc	29.97	+11	46	45	-1	SSW	4	o	4	47	44	bc, o, c	1.5	-	
	Dover ...						30.00	-12	45	43	-1	SSW	3	o	3	46	43	c, bc, c, o	4.4	-	
	Wick ...	29.33	40	SW	2	bc	29.62	+37	35	33	-7	S	2	bc	2	44	33	-	*	-	
	Nairn ...	29.40	40	SSW	1	o	29.66	+39	36	34	-7	SSW	3	b	2	44	34	o, bc	0.0	0.03	
	Aberdeen ...	29.47	43	SSW	2	o	29.76	+41	37	34	-10	SW	2	b	2	48	36	or, o, c, b	0.0	0.13	
	Leith ...	29.50	43	W	3	o	29.84	+45	36	35	-14	SW	2	c	*	52	35	cp, r, o, cp	*	0.08	
	North Shields ...	29.57	49	SW	5	c	29.90	+35	40	38	-9	WSW	1	c	2	52	38	c	*	-	
	Spurn Head ...	29.76	45	SSW	3	b	29.93	+14	41	40	-5	WNW	3	odp	4	48	40	cp, bcq, b, odp	*	0.02	
	Yarmouth ...	29.99	43	SSW	5	bc	29.98	-06	43	43	-2	SSW	3	bcn	4	49	41	c, bc	3.3	-	
	Clacton-on-Sea ...	30.02	42	S	5	bc	29.98	-09	42	41	o	S	3	o	3	45	41	c, bc, c, o	2.0	-	
	Nottingham ...	29.78	48	SW	6	c	29.98	+12	41	40	-7	W	2	d	*	50	41	o, c, bc, c, fm	1.4	0.12	
	Bath ...	29.85	50	SW	5	b	30.04	+06	42	39	-7	NW	1	o	*	51	40	-	0.0	0.24	
	Oxford ...	29.90	47	S	4	o	30.05	+05	41	38	-5	NW	1	om	*	49	41	q, o, c, fm	*	0.07	
London (St. James's Pl)	29.97	47	SSW	3	o	29.98	-06	44	43	-3	W	2	otg	*	50	44	bc, b, o, od	2.6	0.01		
GERMANY, & C.	The Scaw (Skagen)	29.93	42	WSW	7	o	29.98	+17	39	37	-2	WSW	6	o	1	43	37	*	*	-	
	Fanø ...	30.06	38	SSE	6	b	30.05	+05	34	33	-6	S	2	bc	*	41	34	*	*	-	
	Cuxhaven†...	30.19	39	S	3	b	30.13	-04	32	32	-6	S	3	b	*	43	32	*	*	-	
	The Helder ...	30.10	38	S	4	b	30.05	-08	30	30	-10	S	3	b	2	43	30	*	*	-	
	Brussels ...	*	*	*	*	*	30.10	-19	32	30	-3	SE	1	b	*	46	32	*	*	-	
	Berlin†...	30.37	34	SE	2	b	30.30	+08	27	27	-5	ESE	2	b	*	39	27	*	*	-	
	Frankfurt†...	30.32	36	E	2	b	30.23	-20	32	26	o	NE	1	b	*	39	30	*	*	-	
FRANCE.	Munich†...	30.41	26	E	3	b	30.26	-29	19	100	-6	SE	3	b	*	34	18	*	*	-	
	C. Gris Nez ...	30.02	40	S	3	bc	29.99	-13	42	41	-1	SSW	4	o	4	45	40	*	*	-	
	La Hève ...	30.11	43	SSW	4	b	30.05	-10	41	40	+2	SE	4	bc	4	45	37	*	*	-	
	Brest ...	29.99	52	SSW	4	o	30.11	+01	44	41	-6	N	3	o	5	52	41	*	*	0.16	
	Lorient ...	30.02	50	S	4	o	30.04	-08	43	43	-6	N	5	o	4	54	43	*	*	0.04	
	Rochefort ...	30.15	45	S	3	b	30.07	-21	41	41	+3	SE	3	o	*	50	38	b	*	-	
	Biarritz ...	30.20	51	2	o	b	30.09	-17	42	37	+1	SSE	1	b	5	59	39	*	*	-	
	Paris ...	30.17	39	SSE	2	b	30.10	-23	27	27	-5	SSE	2	b	*	46	27	*	*	-	
	Belfort...													*	*	*	*	*	-		
	Lyons ...	30.27	37	NW	1	b	30.19	-26	27	27	-1	2	o	b	*	43	27	*	*	-	
SPANISH PENIN.	Nice ...	30.22	44	2	o	c	30.08	-29	40	36	o	2	o	bc	2	52	37	*	*	-	
	Perpignan ...	30.23	40	2	o	b	30.12	-25	33	31	+2	SW	1	b	*	48	23	*	*	-	
	Sanguinaire ...	30.05	49	W	2	bc	29.98	-20	45	43	-3	E	2	bc	2	59	43	*	*	-	
SPANISH PENIN.	Corunna ...													*	*	*	*	*	-		
	Lisbon ...	30.15	56	SE	2	o	30.17	-06	51	50	+2	N	2	r	*	55	49	*	*	-	
	Azores (P. Delgada)...													*	*	*	*	*	-		
SPANISH PENIN.	„ Horta ...	30.46	52	NE	3	b	30.46	+15	52	46	+2	ENE	3	b	3	55	50	*	*	-	

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

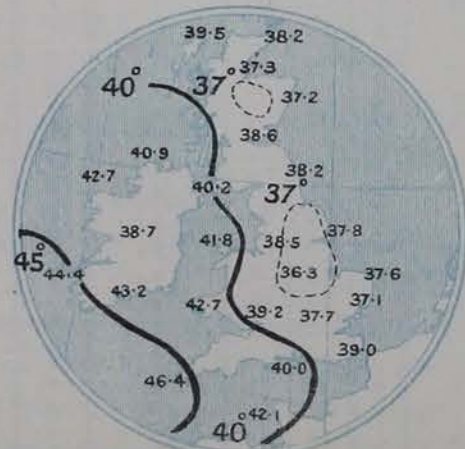
7 A.M. YESTERDAY



6 P.M. YESTERDAY



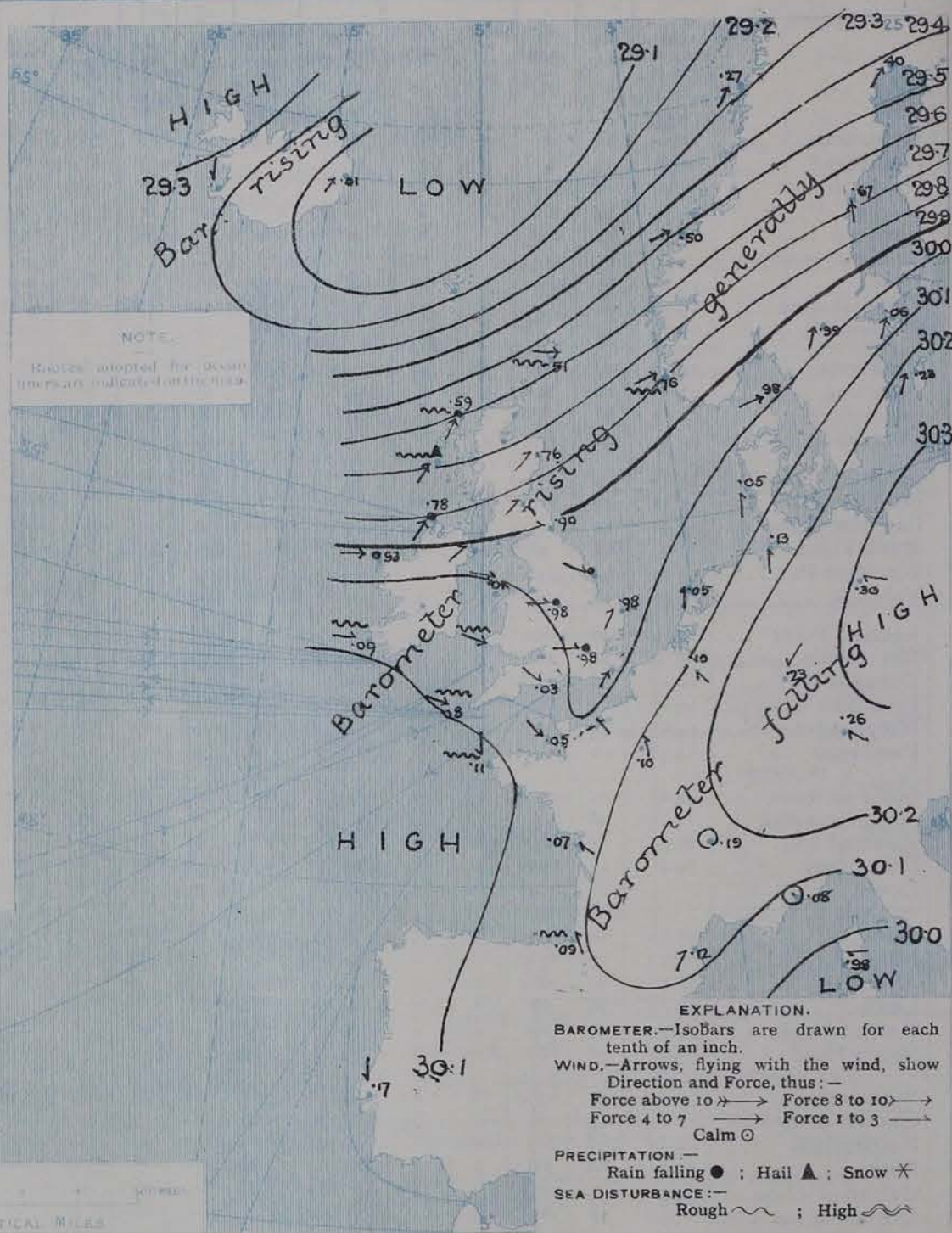
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Tuesday.

WEATHER

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



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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

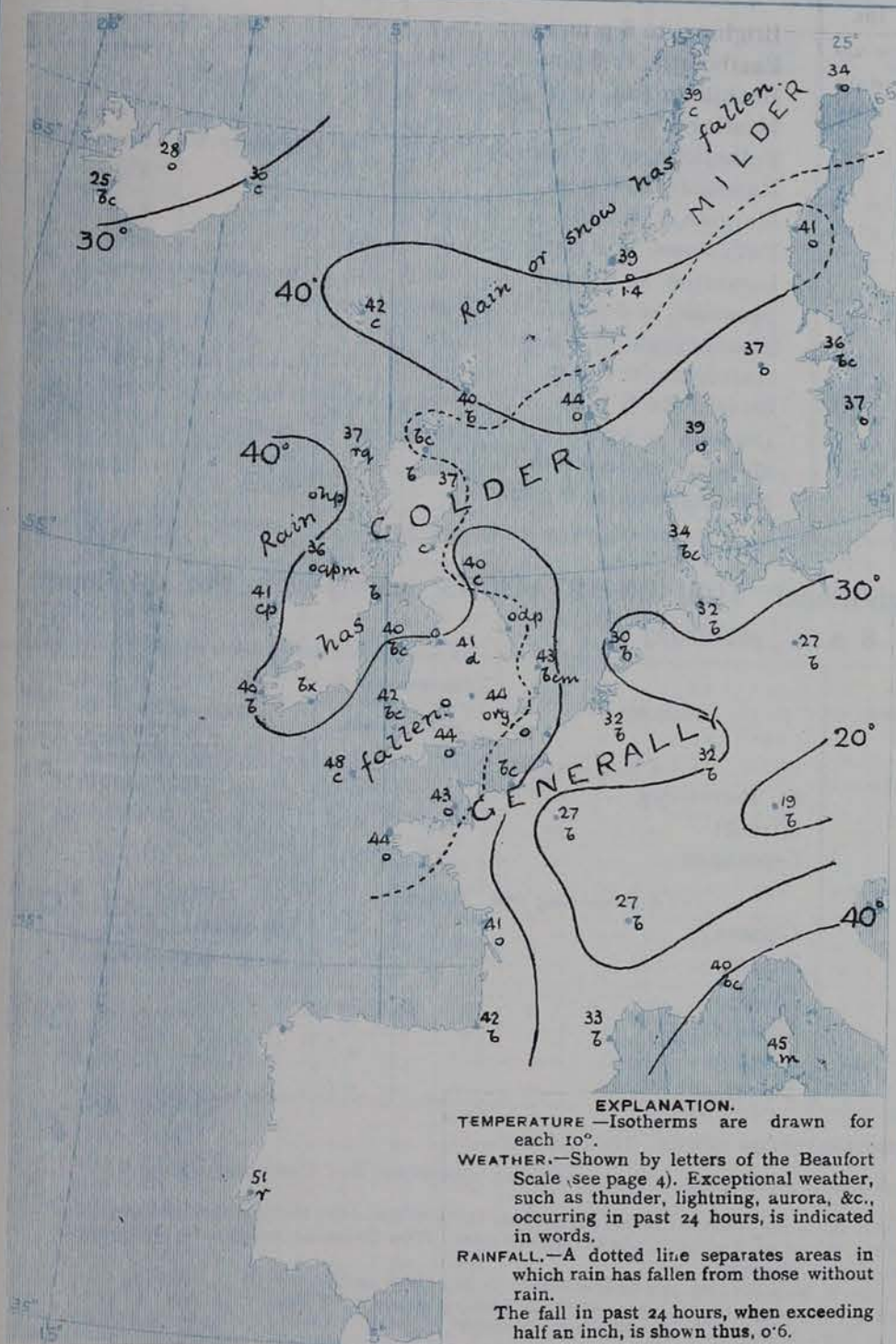
Yesterday's very deep cyclonic system on the upper part of the Atlantic is now centred to the eastward of Iceland, but it has filled up rapidly, the lowest barometer reported being 29.9 ins. at Saydisfjord. In the course of the past night a shallow "V-shaped" secondary has moved across our southern districts, and it now lies over the south-eastern counties. The highest pressure reported are 30.3 ins. at Berlin, and above 30.4 ins. at the Azores. The gradient continues rather steep across the northern parts of our area, slight in the south.

The wind has veered to the N.W. quarter over south-western England, and into N. in Brittany, but over the rest of the region under observation S.W. to W. breezes prevail. As a rule the force is moderate to very light, but fresh or strong breezes are reported at some of our northern stations and in Scandinavia. Temperature has fallen excepting in Scandinavia. Over the British Isles the values range from 33° at Birt Castle to 43° at Scilly; in Scandinavia from 34° at Haparanda to 44° at Skutumpah; over Western Europe from 19° at Munich to 46° at Paris; and in Iceland from 20° to 30°. The sky is cloudy or nearly so in most parts of our western and northern districts and on the Continent, mostly overcast elsewhere, with showers over eastern England and on the north-west coasts, hail at Barra, snow locally in Iceland. The sea is rough or rather rough round the north of Scotland and across to Norway and off our south-western coasts, moderate to smooth elsewhere.

CHARTS

19th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to between 50° and 53° in many parts of the Kingdom, and in the night slight frost occurred over the south of Ireland. Rain has fallen generally, but no station reports as much as half an inch. Dover had 4.4 hours of bright sunshine, several other places more than 3 hours, but many stations had none or less than an hour.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Although the barometer is now rising generally the wind on our western coasts remains in the S.W. quarter. Changeable conditions are, therefore likely to continue for the present.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 { a } S.W. breezes, fresh locally; changeable,
b } some showers of rain or snow; cold.
- 1 { a } N.W. to S.W. breezes, light or
b } moderate; changeable, some showers;
temperature moderate to cool.
- 2 { a } Variable S.W. to N.W. breezes, light,
b } backing later; changeable, some showers;
moderate temperature.
- 3 { a } Light N.W. to S.W. breezes;
b } changeable, some showers; moderate
temperature.
- 4 { a } Same as Nos. 0 & 1.
b }
- 5 { a } N.W. to S.W. breezes, moderate;
b } fair generally, local showers;
moderate temperature.
- 6 { a } W. and S.W. breezes, fresh at times
b } locally; changeable, some showers;
rather cold.
- 7 { a } Same as Nos. 0 & 1.
b }
- 8 { a } N.W. to S.W. breezes, moderate;
b } fair generally, local showers;
moderate temperature.
- 9 { a } W. and S.W. breezes, fresh at times
b } locally; changeable, some showers;
rather cold.
- 10 { a } Same as Nos. 0 & 1.
b }

II WESTERN CHANNEL AND BAY

W. and N.W. breezes, moderate to fresh, backing later; sea rather rough; fair generally, some showers; cool.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

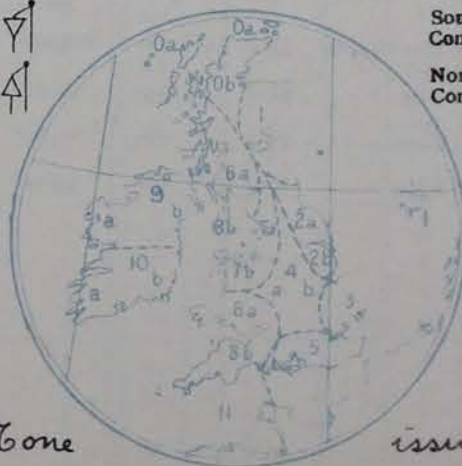
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

issued.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m. ...	53	41	q, c, or	*	0.20	Brighton, to 6 p.m. ...	47	45	*	0.0	-
Rossall Beach, to 6 p.m. ...	50	45	og, or	*	0.03	Eastbourne, to 6 p.m. ...	48	44	*	0.6	-
Blackpool, to 9 p.m. ...	50	41	o, or, o	0.0	0.09	Bexhill-on-Sea, to 9 p.m. ...	48	45	*	1.5	-
Southport, to 9 p.m. ...	52	41	o, or	0.5	0.24	Hastings ...	*	*	*	1.1	*
Rhyl, to 6 p.m. ...	52	48	*	0.3	-	Folkestone, to 6 p.m. ...	47	44	bc, c, bc, b	3.7	-
Colwyn Bay, to 6 p.m. ...	50	45	q, p, r	0.2	0.11	Ramsgate, to 6 p.m. ...	*	*	*	3.9	-
Llandudno, to 9 p.m. ...	45	42	o, bc, or	3.6	0.01	Margate, to 6 p.m. ...	48	37	b, o	3.3	-
Bettws-y-Coed, to 6 p.m. ...	51	47	c	0.0	*	Felixstowe, to 6 p.m. ...	41	40	*	2.5	-
Towyn, to 6 p.m. ...	51	46	op, o	0.0	0.04	Lowestoft, to 6 p.m. ...	49	42	o, c, bc, c	3.4	-
Aberystwyth, to 6 p.m. ...	51	45	*	0.5	0.02	Skegness, to 6 p.m. ...	48	44	c, b	0.1	-
Plymouth, to 9 p.m. ...	51	44	o, or	0.3	0.03	Scarborough, to 9 p.m. ...	51	44	c	2.0	-
Torquay, to 6 p.m. ...	51	37	*	0.0	0.01	Harrogate, to 6 p.m. ...	48	45	o, c, bc, o, c	0.0	-
Weymouth, to 6 p.m. ...	51	46	c, o	0.0	0.05	Buxton, to 6 p.m. ...	46	43	o, bc, od, c	0.5	0.01
Bournemouth to 6 p.m. ...	49	44	c, b, c, o	0.8	-	Darwen, to 9 p.m. ...	48	43	our, or	0.0	0.05
Southsea, to 6 p.m. ...	50	42	*	3.1	-	Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	47	39	c, o, c	1.2	-	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. 18th January, 1909	TEMPERATURE F.		WEATHER	RAIN.	STATIONS. 18th January 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...				Ins.	St. Petersburg ...	41	27	o, o	Ins.
Marseilles ...	48	34	b, b	-	Utrecht ...	43	32	o, b	-
Malta ...					Groningen ...	43	34	c, bc	-
Algiers ...	57	48	c, bc	0.04					
Tunis ...	57	39	c, bc	-	Geneva ...		*	Observations	Measured 7.30 a.m.
Palermo ...	63	45	b, b	-	Berne ...		*	not received.	
Naples ...	57	39	b, b	-	Coire ...		*		
Brindisi ...	56	37	bc, b	-	Castasegna ...		*		
Florence ...	53	29	b, b	-	Lugano ...		*		
Rome ...	57	37	b, b	-	Davos ...		*		
Vienna ...	41	32	o, b	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
Montreal 10 a.m. 18th Jan.	50 N.	14 W.	29.47	W	12	-	-	-	-	-
" " 1 p.m. "	50 N.	15 W.	29.58	W	1-3	bc	-	-	-	-
" " 3 p.m. "	50 N.	15 W.	29.62	W	8-9	-	-	-	-	-
" " 6 p.m. "	50 N.	15 W.	29.68	W	8-9	o	-	-	-	-

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

19th & 20th Jan. 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...		7.54	12.4	4.13
Greenwich ...		7.53	12.4	4.15
Wick ...		7.57	12.11	4.25
Valencia ...		7.56	12.11	4.26
		8.46	12.23	4.0
		8.44	12.23	4.3
		8.40	12.52	5.4
		8.39	12.52	5.5

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

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

W. N. SHAW, (Director.)

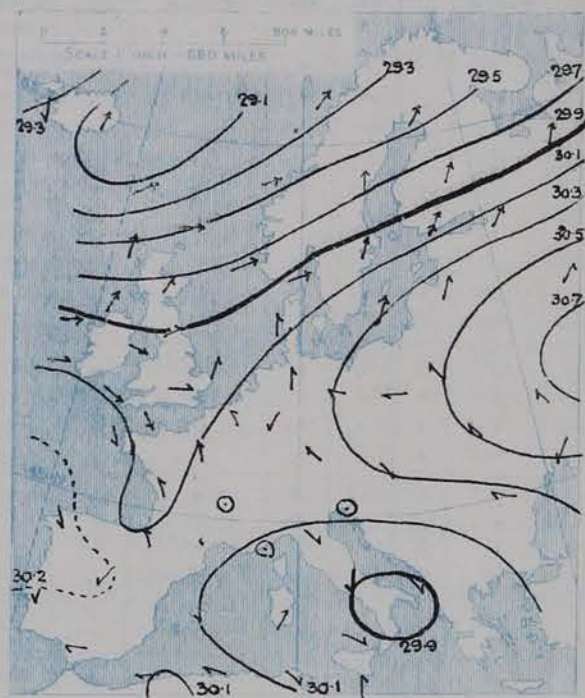
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
20th January, 1909.

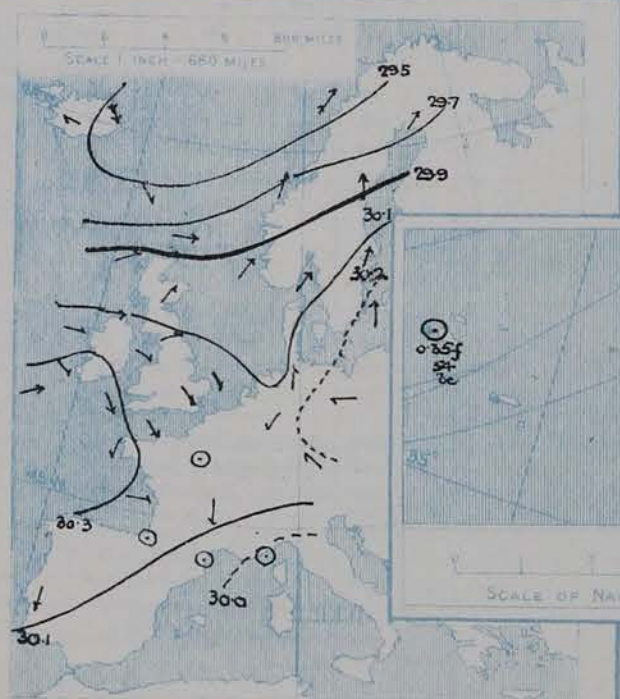
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.			BAROMETER.		TEMPERATURE.			WIND.				TEMP.					
At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).	Max.	Min.	Weather.	Sun-shine.	Rainfall.			
Ins.	"				Ins.	Ins.	"	"	"					"	"		Hours.	Ins.			
SCANDINAVIA.	Haparanda...	29.69	32	SW	4	b	29.80	+40	28	28	-6	SW	2	0	*	36	27	*	*	-	
	Hernösand...	29.89	38	S	4	o	29.99	+32	35	33	-6	Z	0	b	*	41	36	*	*	-	
	Stockholm...	30.18	35	SSW	4	bc	30.21	+15	30	29	-6	SW	2	0	*	37	34	*	*	-	
	Wisby...	30.27	32	S	6	c	30.26	+03	33	31	-4	SW	4	0	*	37	30	*	*	-	
	Karlstad...	30.07	37	WSW	4	o	30.21	+22	36	35	-1	SW	2	0	*	*	*	*	-		
	Færder (X'laia Fjord)														*	*	*	*	-		
	Bodö...	29.49	40	SW	8	r	29.62	+35	38	36	-1	SW	6	0	3	41	34	*	*	0.32	
ICELAND & FAEROE.	Christiansund...	29.73	44	SSW	1	bc	30.04	+54	39	36	0	WSW	4	c	4	44	37	*	*	0.08	
	Skudesnaes...	29.97	42	SW	4	c	30.19	+43	38	?	-6	NW	2	c	3	45	37	o. c	*	0.04	
	Reykjavik...	29.54	17	E	2	bc	29.06	-19	40	*	+15	S	7	0	*	*	*	*	*	-	
	Blönduós...	29.63	18	SE	1	c	29.13	-19	42	*	+18	SSW	3	0	*	*	*	*	*	-	
BRITISH ISLANDS.	Seydisfjord...	29.46	27	WNW	9	c	29.58	+57	25	*	-5	Z	0	S	*	*	*	*	*	-	
	Thorshavn...	29.56	37	NW	2	bc	29.95	+83	42	*	0	SW	5	r	*	*	*	*	*	-	
	Sumburgh Head	29.73	41	W	5	r	30.20	+69	40	38	0	W	1	b	3	42	38	c. r	*	0.14	
	Stornoway...	29.93	39	WSW	3	bc	30.27	+68	41	40	+4	W	3	0	3	42	35	cp. bc. o. p	1.1	0.16	
	Castlebay (Barra Id.)	30.03	43	WNW	4	bc	30.33	+66	47	46	+5	WSW	2	0	3	47	38	hp. bc. o. p. bc. b	2.0	0.03	
	Malin Head	30.11	42	W	5	bc	30.39	+61	41	41	+5	SW	4	bc	2	44	38	bc. hp. cp. bc	*	0.11	
	Blacksod Pt.	30.20	44	W	3	chp	30.45	+52	44	42	+3	W	3	bc	2	45	40	bc. hp. bc	*	0.10	
	Valencia...	30.36	45	NW	2	cp	30.52	+43	39	38	-1	N	1	bc	5	47	38	bc. cp. bc	4.0	0.02	
	Roche's Point...	30.32	42	NW	3	b	30.53	+44	38	38	+3	NE	1	0	3	44	34	b. o	*	0.01	
	Birr Castle	30.27	38	WSW	1	b	30.51	+47	35	34	+3	Z	0	bx	*	42	31	b. p	5.8	0.02	
	Donaghadee	30.15	39	WSW	3	c	30.46	+54	34	33	0	WSW	1	bc	1	41	32	bc	*	-	
	Liverpool Obsy...	30.20	40	WSW	3	b	30.47	+49	40	39	0	W	3	b	1	43	38	b	7.6	-	
	Holyhead...	30.22	42	WNW	3	b	30.48	+47	42	42	+2	NW	3	b	2	44	40	b	*	-	
	Pembroke	30.28	44	WNW	4	bc	30.49	+44	41	40	-1	NW	4	bw	4	45	39	bc	6.4	-	
	(St. Ann's Hd.)																			-	
GERMANY, &c.	Scilly (St. Mary's)	30.30	45	NNW	4	c	30.47	+39	45	42	-3	NW	4	c	4	48	43	c	7.0	0.02	
	Jersey (St. Aubins)	30.27	43	NW	4	bc	30.43	+38	43	40	0	NNE	3	c	3	48	38	og. bc	0.8	-	
	Portland Bill	30.27	42	NW	3	b	30.43	+40	39	38	-5	N	2	b	4	45	38	c. b	2.8	-	
	Dungeness...	30.20	40	NNW	3	c	30.38	+41	31	30	-15	NNW	3	m	2	47	26	b. bx	0.0	-	
	Dover...						30.39	+39	33	32	-12	NW	2	b	0	46	32	c. or. o. b	0.0	0.03	
	Wick...	29.78	38	S	2	bc	30.30	+68	37	35	+2	S	2	bx	2	40	33	-	*	-	
	Nairn...	29.96	36	W	1	b	30.31	+65	35	34	-1	Z	0	b	1	44	32	bc. b	4.8	-	
	Aberdeen...	30.01	37	SW	2	b	30.37	+61	35	33	-2	W	2	b	2	40	33	b. bc. b	3.5	-	
	Leith...	30.03	37	SW	2	b	30.39	+55	37	35	+1	WSW	1	bm	*	41	35	c. bc. b. bc. p	*	0.01	
	North Shields	30.11	41	WSW	3	c	30.38	+48	33	32	-7	WSW	2	cx	2	43	31	c	*	-	
FRANCE.	Spurn Head	30.17	39	WSW	2	b	30.38	+45	36	34	-5	NW	3	b	2	41	34	og. b. bx	*	-	
	Yarmouth...	30.19	40	NW	2	bcm	30.38	+40	32	32	-11	NNW	2	cm	2	44	30	o. bcm	0.0	0.04	
	Clacton-on-Sea	30.22	38	NW	2	b	30.39	+41	33	32	-9	NW	3	b	1	43	31	og. p. c. bc. b	0.0	0.02	
	Nottingham	30.22	37	W	1	b	30.42	+44	36	35	-5	NNW	1	b	*	43	32	om. b. p. bm	1.4	0.01	
	Bath...	30.29	36	NW	1	m	30.48	+44	29	29	-13	W	1	m	*	44	28	-	3.3	-	
	Oxford...	30.33	35	WNW	2	b	30.48	+43	31	30	-10	WNW	2	bm	*	44	30	o. bc. bu. m	*	-	
	London (St. James's Pk)	30.25	42	NW	1	bw	30.40	+42	31	31	-13	NW	1	bx	*	44	31	or. c. b. bx	0.0	0.03	
	The Scaw (Skagen)	30.05	38	SW	4	o	30.21	+23	36	34	-3	NW	1	b	0	41	36	*	*	0.04	
	Fanö...														*	*	*	*	-		
	Cuxhaven...	30.13	35	S	2	b	30.22	+09	34	96	+2	Z	0	rf	*	41	32	*	*	0.04	
SPANISH PENIN.	The Helder...	30.15	40	N	3	o	30.33	+28	37	37	+7	N	1	o	1	41	30	*	*	-	
	Brussels...						30.32	+22	38	38	+6	NNW	1	o	*	41	30	*	*	0.08	
	Berlin...	30.22	30	E	2	b	30.20	-10	29	94	+2	SE	1	o	*	34	27	*	*	-	
	Frankfurt...	30.17	31	NE	1	b	30.25	+02	21	95	-11	SW	1	f	*	37	21	*	*	-	
	Munich...	30.18	24	SE	2	b	30.27	+01	24	95	+5	W	3	o	*	28	19	*	*	-	
	C. Gris Nez	30.17	42	N	4	c	30.33	+34	38	36	-4	N	3	bc	4	46	37	*	*	0.04	
	La Hève...	30.19	42	N	5	c	30.43	+38	39	45	-2	NNE	3	b	3	45	36	*	*	-	
	Brest...	30.32	46	N	4	c	30.44	+33	46	45	+2	N	4	bc	5	52	44	*	*	-	
	Lorient...	30.29	46	N	5	b	30.39	+35	40	39	-3	N	3	b	2	52	37	*	*	-	
	Rochefort...	30.15	45	W	3	r	30.34	+27	39	38	-2	NNE	4	b	*	48	37	o. r	*	0.08	
SPANISH PENIN.	Biarritz...	30.11	49	Z	0	o	30.20	+11	43	41	+1	Z	0	o	6	54	41	*	*	0.04	
	Paris...	30.17	41	NW	3	o	30.32	+22	37	35	+10	N	3	o	*	44	27	*	*	0.04	
	Belfort...													*	*	*	*	-			
	Lyons...	30.15	33	N	1	bc	30.26	+06	28	28	+1	E	1	f	*	38	27	*	*	-	
	Nice...	30.00	44	Z	0	o	30.08	00	39	35	-1	Z	0	b	0	52	36	*	*	-	
	Perpignan...	30.05	39	Z	0	b	30.13	+01	48	41	+15	N	3	b	*	53	33	*	*	-	
	Sanguinaire...	29.93	48	NE	1	b	29.93	-05	46	45	+1	E	1	m	2	59	43	*	*	-	
SPANISH PENIN.	Corunna...	30.28	51	N	5	o	30.40	+12	50	46	+4	NNE	5	o	2	54	41	*	*	0.20	
	Lisbon...	30.10	48	N	5	o	?	?	44	42	-7	NE	5	o	*	54	43	*	*	0.04	
	Azores (P. Delgada)...													*	*	*	*	-			
SPANISH PENIN.	Horta...	30.41	65	E	3	c	30.35	-11	54	49	+2	Z	0	bc	2	63	54	*	*	-	
																				-	

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

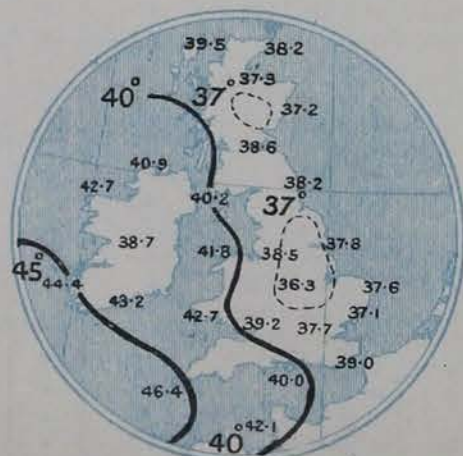
7 A.M. YESTERDAY



6 P.M. YESTERDAY



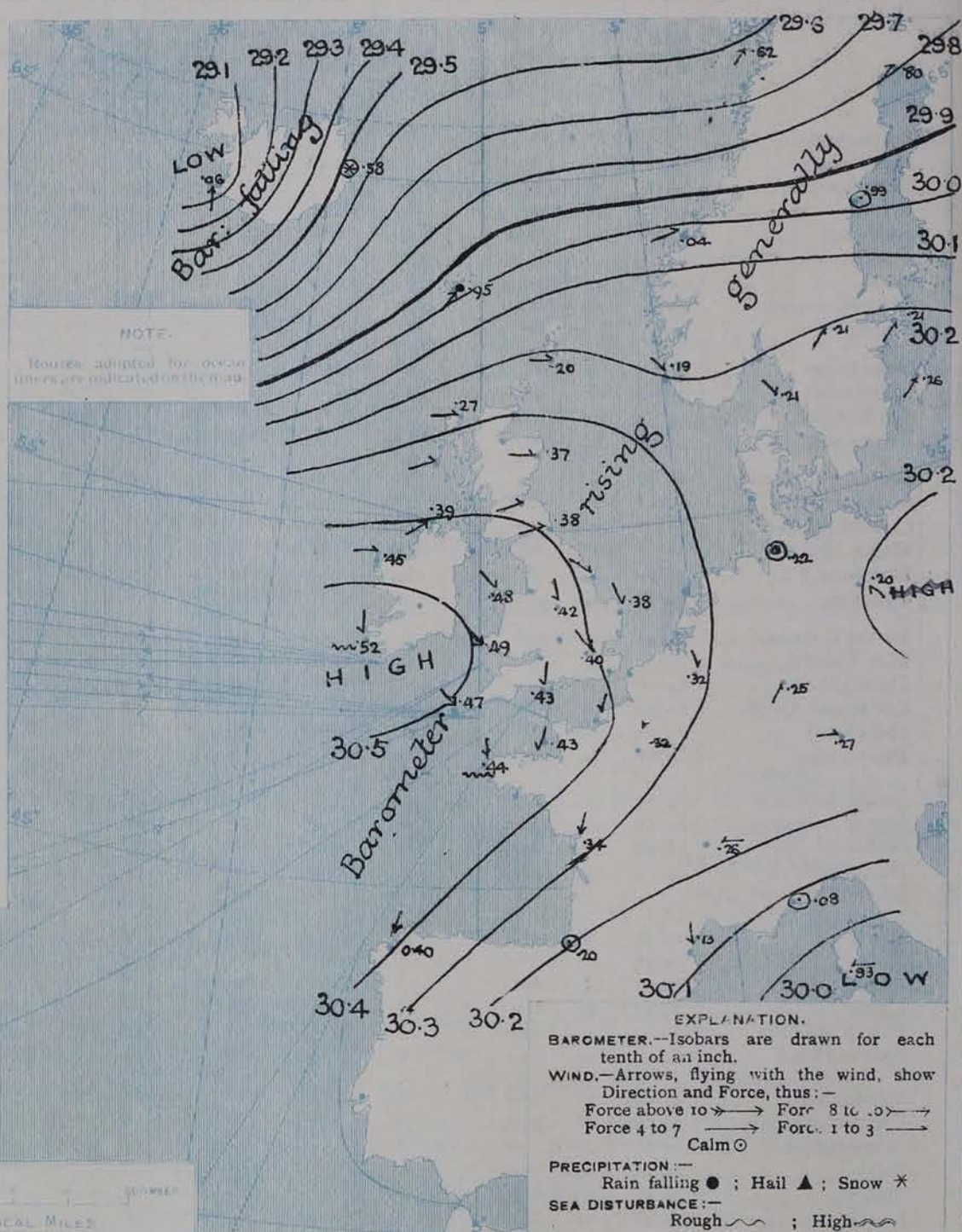
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Wednesday,

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

In the course of the past night an extensive anticyclone has spread in from the Atlantic, and now embraces the British Isles and a great part of the Continent, the barometer having risen above 30½ ins. over Southern Ireland. Another depression has, however, appeared off the west of Ireland, where pressure is giving way rapidly, and is already down to 29 ins. at Reykjavik. Between the Hebrides and Iceland the gradient is very steep, but elsewhere it is slight.

S.W. to W. breezes prevail over the northern half of the region under observation, N.W. to N.E. over the southern half. As a rule the force is very light, a fresh or strong breeze being reported only in the neighbourhood of the Arctic Circle.

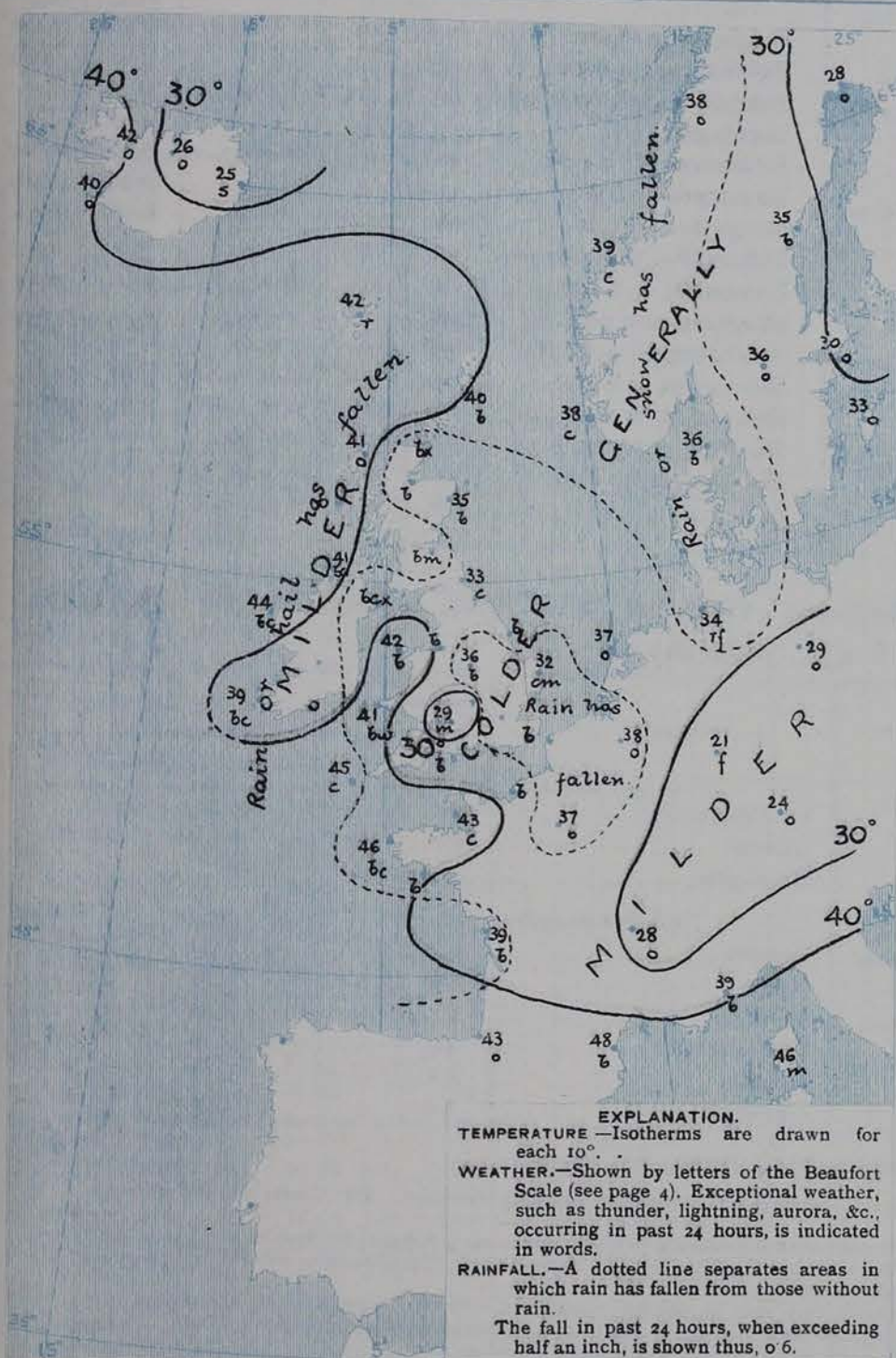
Temperature has fallen decidedly over England, to a less extent in Scandinavia, risen in most other regions. Over the British Isles the records range from 29° at Bath to 47° at Castlebay, in Scandinavia from 28° at Haparanda to 39° at Christiansund; over Western Europe from 21° at Frankfurt to 48° at Perpignan; in Iceland from 23° to 42°.

Fair to fine, clear weather prevails in most parts of the United Kingdom and in the west and south of France; elsewhere it is mostly very cloudy or overcast, rain is falling at Cuxhaven and in the Faeröe, snow at Scydiafford, and the atmosphere is foggy in various parts of France and Germany. The sea is rather rough off Valencia and Brest, slight to smooth in most other localities.

CHARTS

20th January 1909.

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



NOTES ON YESTERDAY'S WEATHER

Temperature rose yesterday to 50° at Plymouth and Bournemouth but remained below 45° in many parts of the country. The duration of bright sunshine was very variable, several stations had none, the records at other stations ranging up to 7 hours at Scilly, and 7.6 hours at Liverpool. Reports from the Atlantic show that strong W. winds and cloudy weather were experienced yesterday as far as longitude 25° W.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The conditions over the southern half of the Kingdom during the coming 24 hours will be under the influence of the high pressure system, but the Icelandic depression will affect the northern districts to some extent.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 } W. and S.W. breezes, freshening;
fine at first, some rain later; milder.
- 1 }
- 2 } Light N.W. and W. breezes;
generally fair or fine, local showers later; rather cold.
- 3 }
- 4 } Light N.W. and N. breezes;
generally fair or fine, mist or fog in places; rather cold.
- 5 }
- 6 } Same as Nos. 0 & 1.
- 7 } Light N.W. breezes; generally
fair or fine, some mist or fog;
temperature below the normal.
- 8 }
- 9 } Same as Nos. 0 & 1.
- 10 } Light Variable breezes; generally
fair or fine; rather cold.

II WESTERN CHANNEL AND BAY

Light to moderate N.W. to N.E. breezes; sea slight to moderate; generally fair or fine, local mist; rather cold.

FORECAST DISTRICTS.

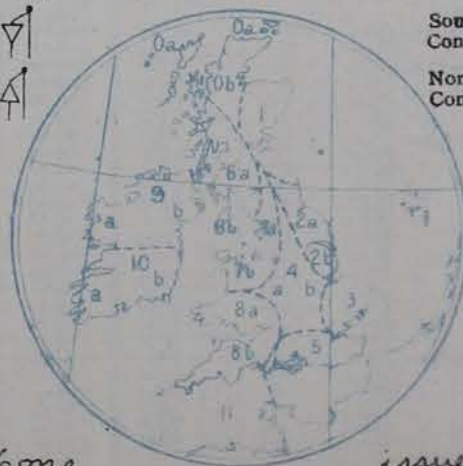
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South
Cone.
North
Cone.

South
Cone.
North
Cone.



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m. ...	42	34	r, bc, b	*	0.02	Brighton, to 6 p.m. ...	45	41	*	1.5	0.05
Rossall Beach, to 6 p.m. ...	48	39	on, c, b	*	0.15	Eastbourne, to 6 p.m. ...	47	40	*	0.0	0.03
Blackpool, to 9 p.m. ...	43	39	r, c	5.8	0.06	Bexhill-on-Sea, to 9 p.m. ...	47	42	g, fm	0.1	-
Southport, to 9 p.m. ...	43	36	on, bc, b	6.0	-	Hastings ...	*	*	*	0.9	*
Rhyl, to 6 p.m. ...	47	39	*	6.7	-	Folkestone, to 6 p.m. ...	46	39	bc, od, c, o	0.0	0.03
Colwyn Bay, to 6 p.m. ...	43	37	b	6.7	0.10	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.03
Llandudno, to 9 p.m. ...	44	39	on, bc	6.2	-	Margate, to 6 p.m. ...	46	41	of, o	0.0	0.04
Bettws-y-Coed, to 6 p.m. ...	43	35	*	5.0	*	Felixstowe, to 6 p.m. ...	43	36	*	0.0	0.07
Towyn, to 6 p.m. ...	45	39	r, c, bc, b	6.5	0.25	Lowestoft, to 6 p.m. ...	44	41	of, o, c	0.0	0.01
Aberystwyth, to 6 p.m. ...	47	40	*	5.7	-	Skegness, to 6 p.m. ...	43	35	r, c, b	0.0	0.04
Plymouth, to 9 p.m. ...	50	32	bc	6.1	0.05	Scarborough, to 9 p.m. ...	49	40	o, c	1.6	-
Torquay, to 6 p.m. ...	47	40	*	4.7	0.05	Harrogate, to 6 p.m. ...	48	36	c, on, bc, b, bc	2.8	0.04
Weymouth, to 6 p.m. ...	45	41	o, c, bc	2.8	0.05	Buxton, to 6 p.m. ...	46	34	c, on, c, bc	3.3	0.16
Bournemouth to 6 p.m. ...	50	41	o, b, c	2.2	0.06	Darwen, to 9 p.m. ...	45	34	on, bc	3.6	0.06
Southsea, to 6 p.m. ...	46	40	*	2.7	0.07	Manchester, to 9 p.m. ...	45	37	on, o, of, b, o	3.1	0.07
Worthing, to 6 p.m. ...	45	38	r, o, c	2.1	0.08	Birmingham, to 9 p.m. ...	48	34	r, o, c, bc, b	3.2	0.11

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

STATIONS. 19th January, 1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 19th January, 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	55	32	b, b	Ins.	St. Petersburg ...	32	28	r, o	Ins.
Marseilles ...	55	46	o	-	Utrecht ...	46	30	b, b	-
Malta ...	63	43	b, b	-	Groningen ...	46	30	b, b	-
Algiers ...	57	39	bc, o	-	18th January, 1909, 1.30 p.m.				Measured 7.30 a.m.
Tunis ...	53	37	b, bc	0.08	Geneva ...	36	*	b	-
Palermo ...	48	39	bc, o	-	Berne ...	32	*	b	-
Naples ...	51	36	r, c	0.16	Coire ...	34	*	b	-
Brindisi ...	46	30	b, b	-	Castasegna ...	34	*	b	-
Florence ...	50	39	b, o	-	Lugano ...	43	*	b	-
Rome ...	37	27	b, b	-	Davos ...	23	*	b	0.12
Vienna ...									

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	20th-21st Jan 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.					
Baltic 16th Jan { 3 p.m.	51 N.	21 W.	Ins.	SW	8-9	-	0	0	0	-	Yarmouth ...	7.53	12.4	4.15
Baltic 17th Jan { 3 p.m.	51 N.	22 W.	29.83	SSW	8-9	-	-	-	-	-		7.52	12.4	4.16
Baltic 17th Jan { 3 p.m.	51 N.	23 W.	29.64	WSW	12	-	-	-	-	-	Greenwich ...	7.56	12.11	4.26
Baltic 17th Jan { 3 p.m.	51 N.	25 W.	29.44	W	6-7	-	-	-	-	-		7.55	12.11	4.27
Baltic 17th Jan { 3 p.m.	51 N.	28 W.	29.53	WNW	6-7	-	-	-	-	-	Wick ...	8.44	12.23	4.3
Baltic 17th Jan { 3 p.m.	51 N.	29 W.	29.61	N	8-9	-	-	-	-	-		8.42	12.23	4.5
Lusania 18th Jan { 7 a.m.	50 N.	15 W.	29.24	NW	6-7	-	-	-	-	-	Valencia ...	8.39	12.52	5.5
Lusania 18th Jan { 10 a.m.	51 N.	17 W.	29.62	WNW	6-7	-	-	-	-	-		8.38	12.52	5.6
Lusania 18th Jan { 11 a.m.	51 N.	17 W.	29.72	N	10-11	-	-	-	-	-	TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.			
Lusania 18th Jan { 3 p.m.	50 N.	18 W.	29.67	W	6-7	-	-	-	-	-				
Lusania 18th Jan { 6 p.m.	50 N.	20 W.	29.75	NW	6-7	-	-	-	-	-	METEOROLOGICAL OFFICE, 68, VICTORIA STREET, S.W. W. N. SHAW, (Director.)			
Minneapolis 18th Jan { 3 p.m.	50 N.	21 W.	29.63	NW	8-9	-	-	-	-	-				
Minneapolis 18th Jan { 6 p.m.	50 N.	22 W.	29.77	W	8-9	-	-	-	-	-				
New York 18th Jan { 4 a.m.	48 N.	13 W.	29.53	WSW	8-9	-	-	-	-	-				
New York 18th Jan { 7 a.m.	49 N.	14 W.	29.56	NW	6-7	-	-	-	-	-				
New York 18th Jan { 10 a.m.	49 N.	16 W.	29.74	WNW	6-7	-	-	-	-	-				
New York 18th Jan { 11 a.m.	49 N.	17 W.	29.80	WNW	6-7	-	-	-	-	-				
New York 18th Jan { 3 p.m.	49 N.	15 W.	29.88	WNW	6-7	-	-	-	-	-				
Lusania 19th Jan { 6 a.m.	49 N.	19 W.	29.94	NW	6-7	-	-	-	-	-				
Lusania 19th Jan { 10 a.m.	49 N.	23 W.	30.20	WNW	4-5	-	-	-	-	-				
Montreal 18th Jan { 7 a.m.	45 N.	25 W.	30.16	WNW	6-7	-	-	-	-	-				
Montreal 18th Jan { 10 a.m.	50 N.	19 W.	30.30	W	6-7	-	-	-	-	-				
Montreal 18th Jan { 3 p.m.	50 N.	19 W.	30.24	W	4-5	-	-	-	-	-				
Montreal 18th Jan { 6 p.m.	50 N.	20 W.	30.30	WSW	6-7	-	-	-	-	-				

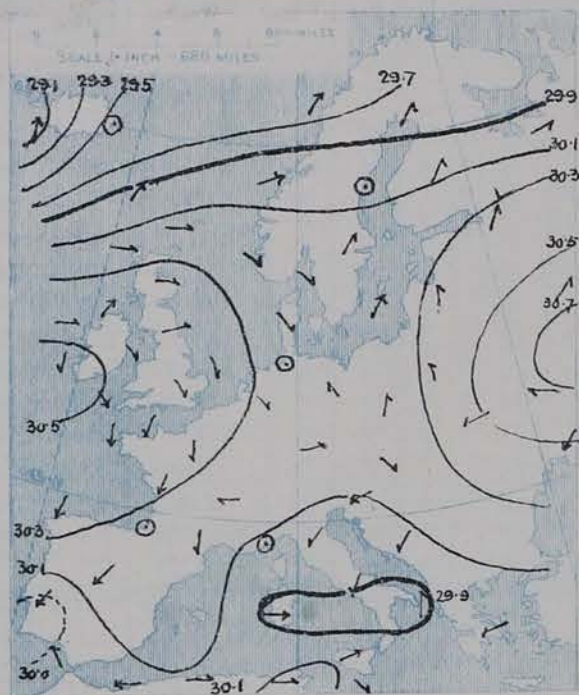
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday
21st January, 1909.

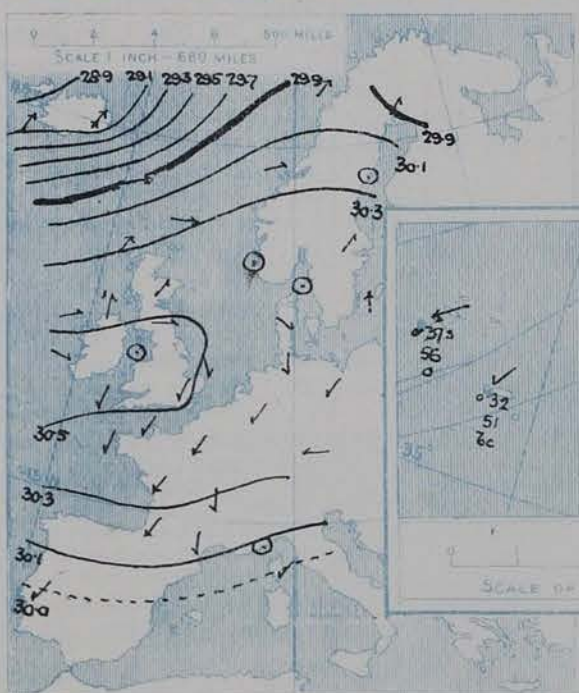
STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.	Force (0 to 12).	Weather.		Barometer.	Temperature.			Wind.	Force (0 to 12).	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun- shine.	Rainfall.		
	At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.				At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.			Max.	Min.					
SCANDINAVIA.	Haparanda...	29.89	27	SW	2	z	30.11	+31	21	21	-7	W	2	z	32	221	*	*	*	*	*
	Hernösand...	30.28	34	2	0	bc	30.32	+33	27	25	-8	SW	2	z	39	227	*	*	*	*	*
	Stockholm...	30.39	29	SW	2	z	30.51	+30	24	24	-6	SW	2	f	36	228	*	*	*	*	*
	Wishby...	30.38	33	S	4	o	30.50	+24	33	32	0	SE	4	o	36	28	*	*	*	*	*
	Karlstad...	30.44	30	NE	2	f	30.53	+32	27	27	-9	NE	4	f	*	*	*	*	*	*	*
	Færder (X'ania Fjord)																				
	Bodö...	30.01	39	SW	6	c	29.81	+19	43	41	+5	SW	6	o	43	34	*	*	*	*	*
	Christiansund...	30.26	42	WSW	1	bc	30.15	+11	46	41	+7	WSW	2	bc	46	37	*	*	*	*	*
ICELAND & FAEROE.	Skudesnaes...	30.46	37	2	0	z	30.41	+22	41	40	+3	SSE	4	c	45	34	*	*	*	*	*
	Reykjavik...	29.02	32	SW	10	S	29.15	+99	34	*	-6	SW	10	c	*	*	*	*	*	*	*
	Blönduós...	28.90	37	SW	3	o	28.95	-18	30	*	-12	W	6	S	*	*	*	*	*	*	*
	Seydisfjord...	29.06	36	SW	9	o	29.15	-43	36	*	+11	SW	4	z	*	*	*	*	*	*	*
BRITISH ISLANDS.	Thorshavn...	29.92	47	WSW	6	o	29.85	-10	41	*	-1	WSW	2	z	*	*	*	*	*	*	*
	Sumburgh Head	30.29	44	W	4	z	30.20	00	46	45	+6	W	3	o	2	46	39	o. b. bc	*	0.01	
	Stornoway...	30.31	46	SW	4	o	30.23	-04	47	46	+6	SSW	5	r	5	48	40	cp. c. odp	0.0	0.03	
	Castlebay (Barra Id.)	30.39	48	SW	3	bc	30.31	-02	48	47	+1	WSW	3	odp	4	48	46	om. bc. op	0.4	0.01	
	Malin Head...	30.46	43	S	3	cm	30.38	-01	42	42	+1	S	3	cm	2	43	41	cm. bc	*	-	
	Blacksod Pt. ...	30.49	47	WSW	3	z	30.41	-04	46	44	+2	WSW	2	bc	2	49	44	bc. hp	*	0.04	
	Valencia...	30.56	44	WNW	1	cm	30.50	-02	43	41	+4	WNW	1	o	4	50	39	bc. c. cm	2.6	0.01	
	Roche's Point...	30.56	45	2	0	o	30.51	-02	42	42	+4	NNE	1	f	2	49	38	o. b. bc. o. f	*	0.01	
	Birr Castle...	30.54	44	2	0	c	30.50	-01	41	40	+6	2	o	c	*	47	33	c	4.0	-	
	Donaghadee...	30.55	41	SSW	1	c	30.51	+05	40	40	+6	SSW	1	c	1	49	32	bc. o. c	*	-	
	Liverpool Obsy...	30.56	40	WNW	1	b	30.55	+08	31	30	-9	SE	2	f	1	43	29	b. o. f	7.0	-	
	Holyhead...	30.54	43	2	0	z	30.53	+05	41	41	-1	S	1	om	1	47	36	b	*	-	
	Pembroke (St. Ann's Hd.)	30.54	41	NE	3	z	30.52	+03	36	35	-5	ENE	3	z	2	48	35	bc. bcw	6.7	-	
	Scilly (St. Mary's)	30.51	47	NNE	2	bc	30.47	00	45	42	0	E	2	bc	3	50	42	c. bc	4.5	-	
	Jersey (St. Aubins)	30.46	42	NE	3	bc	30.44	+01	41	38	-2	ENE	4	z	3	47	37	egm. bc. z	6.0	-	
	Portland Bill...	30.60	40	NNE	3	bm	30.49	+06	33	33	-6	NNE	3	bm	3	45	31	b. bm	7.2	-	
GERMANY, & C.	Dungeness...	30.45	37	NNE	3	bc	30.45	+07	36	35	+5	NNE	3	c	2	42	29	bc. bcg. cm	4.3	-	
	Dover...						30.48	+09	40	38	+7	ENE	3	z	3	43	32	bc. b. op. bc	4.0	-	
	Wick...	30.35	42	S	2	bc	30.27	-03	43	41	+6	S	2	bc	2	45	35	-	*	-	
	Nairn...	30.39	43	W	1	o	30.31	00	45	43	+10	WSW	3	o	2	45	33	b. bc. o	1.7	-	
	Aberdeen...	30.45	37	SW	1	z	30.39	+02	38	37	+3	SSW	2	z	2	42	31	bc. c. bx	1.7	-	
	Leith...	30.49	40	SW	1	c	30.43	+04	44	42	+7	W	1	bm	*	45	36	bc. c	*	-	
	North Shields...	30.51	41	W	2	cm	30.51	+13	31	31	-2	S	1	bc	2	43	30	bm. cm	*	-	
	Spurn Head...	30.53	39	NNW	3	z	30.53	+15	34	34	-2	WNW	1	f	2	41	33	bc. f. x	*	-	
	Yarmouth...	30.49	38	NNW	2	bc	30.54	+16	36	36	+4	NNW	2	c	3	43	32	c. bc	6.2	0.02	
	Clacton-on-Sea...	30.49	38	NW	2	z	30.51	+12	35	35	+2	NNW	2	c	1	41	32	bc. bc. c	5.8	-	
	Nottingham...	30.56	37	NE	1	z	30.55	+13	30	29	-6	SW	1	f	*	43	25	bm. cm	4.8	-	
	Bath...	30.54	35	W	1	m	30.54	+06	33	33	+4	NE	1	m	*	43	27	-	5.8	-	
	Oxford...	30.57	32	NNE	1	z	30.57	+09	32	32	+1	NNE	1	ogfe	*	44	30	b. m	*	-	
	London (St. James's PK)	30.51	40	NNE	1	bw	30.51	+11	33	33	+2	NNE	1	ogme	*	42	29	bm. b. bx. m	0.5	0.01	
	The Scaw (Skagen)	30.41	33	2	0	f	30.49	+28	32	30	-4	SSW	2	f	0	41	28	*	*	-	
FRANCE.	Fanö...	30.49	31	NW	1	f	30.52	+26	30	30	-4	SE	1	f	*	39	30	*	*	-	
	Cuxhaven†...	30.40	36	N	2	c	30.52	+30	33	34	-1	E	2	o	*	37	32	*	*	-	
	The Helder...	30.09	37	N	2	z	30.53	+20	36	36	-1	E	1	m	0	41	36	*	*	-	
	Brussels...	*	*	*	*	*	30.45	+13	31	31	-7	NE	2	f	*	42	31	*	*	-	
	Berlin†...	30.39	30	NE	2	o	30.50	+30	29	90	0	ENE	2	o	*	30	27	*	*	-	
	Frankfurt†...	30.37	25	NE	2	f	30.45	+20	26	93	+5	NE	3	f	*	32	21	*	*	-	
	Munich†...	30.38	25	E	3	o	30.40	+13	23	100	-1	E	4	o	*	27	21	*	*	-	
	C. Gris Nez...	30.42	42	NE	3	o	30.46	+13	36	35	-2	ENE	3	bc	3	43	36	*	*	-	
	La Hève...	30.45	39	NNE	3	o	30.43	00	35	34	-4	NE	3	bc	3	43	32	*	*	-	
	Brest...	30.49	43	NNE	2	bc	30.44	00	40	39	-6	NE	3	o	2	46	36	*	*	-	
	Lorient...	30.39	42	NE	5	z	30.33	-06	37	36	-3	NE	5	z	2	48	36	*	*	-	
	Rochefort...	30.33	41	NE	4	z	30.26	-08	37	36	-2	ENE	3	z	*	46	34	z	*	-	
	Biarritz...	30.28	43	NE	4	o	30.21	+01	37	37	-6	E	2	o	7	46	37	*	*	0.08	
	Paris...	30.37	40	NNE	4	o	30.37	+05	35	34	-2	NNE	3	o	*	42	35	*	*	-	
	Belfort...														*		*	*	-		
	Lyons...	30.28	35	N	1	o	30.30	+04	30	28	+2	N	1	o	*	37	28	*	*	-	
SPANISH PENIN.	Nice...	30.10	43	2	0	z	30.15	+07	38	34	-1	E	2	z	2	54	36	*	*	-	
	Perpignan...	30.13	46	N	3	c	30.18	+05	37	36	-11	N	2	z	*	56	37	*	*	-	
	Sanguinaire...	29.92	49	NE	1	z	29.93	00	46	42	0	E	2	m	2	54	43	*	*	-	
	Corunna...	30.33	52	NE	3	bc	30.23	-17	42	41	-8	NE	2	o	6	54	37	*	*	-	
SPANISH PENIN.	Lisbon...	30.00	47	NE	2	o	29.88	-10	44	44	0	NNE	5	r	*	48	43	*	*	0.35	
	Azores (P. Delgada)...	30.37	54	E	2	o	30.32	-03	51	49	-1	NE	3	bc	3	59	50	*	*	0.04	
	" Horta...	30.37	55	NNE	4	z	30.37	+02	56	50	+2	ENE	4	o	2	61	54	*	*	-	

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

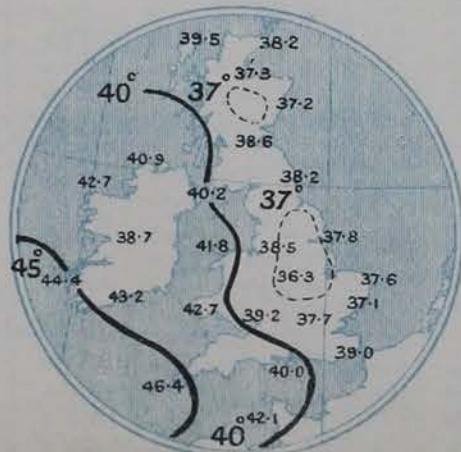
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



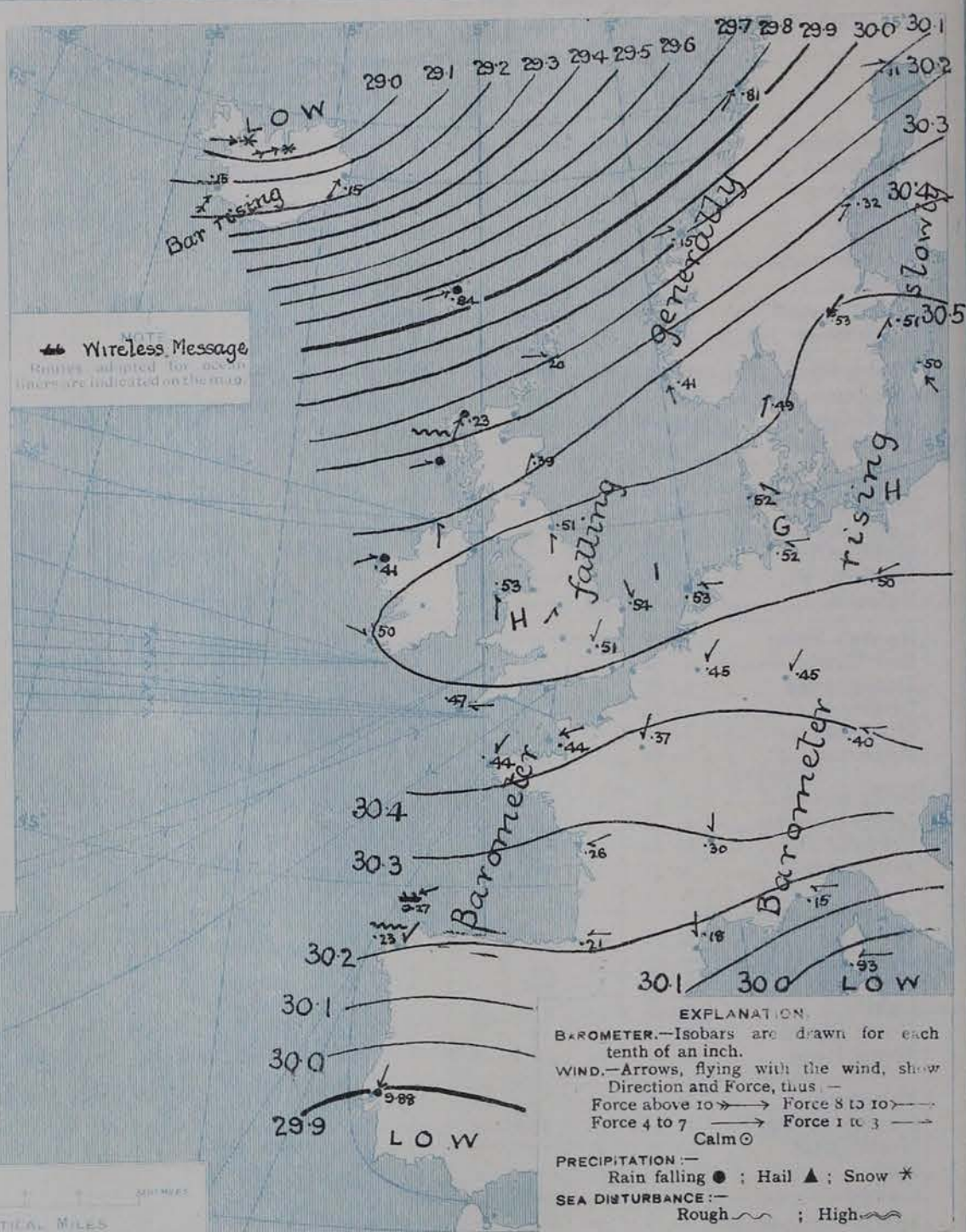
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Thursday,

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

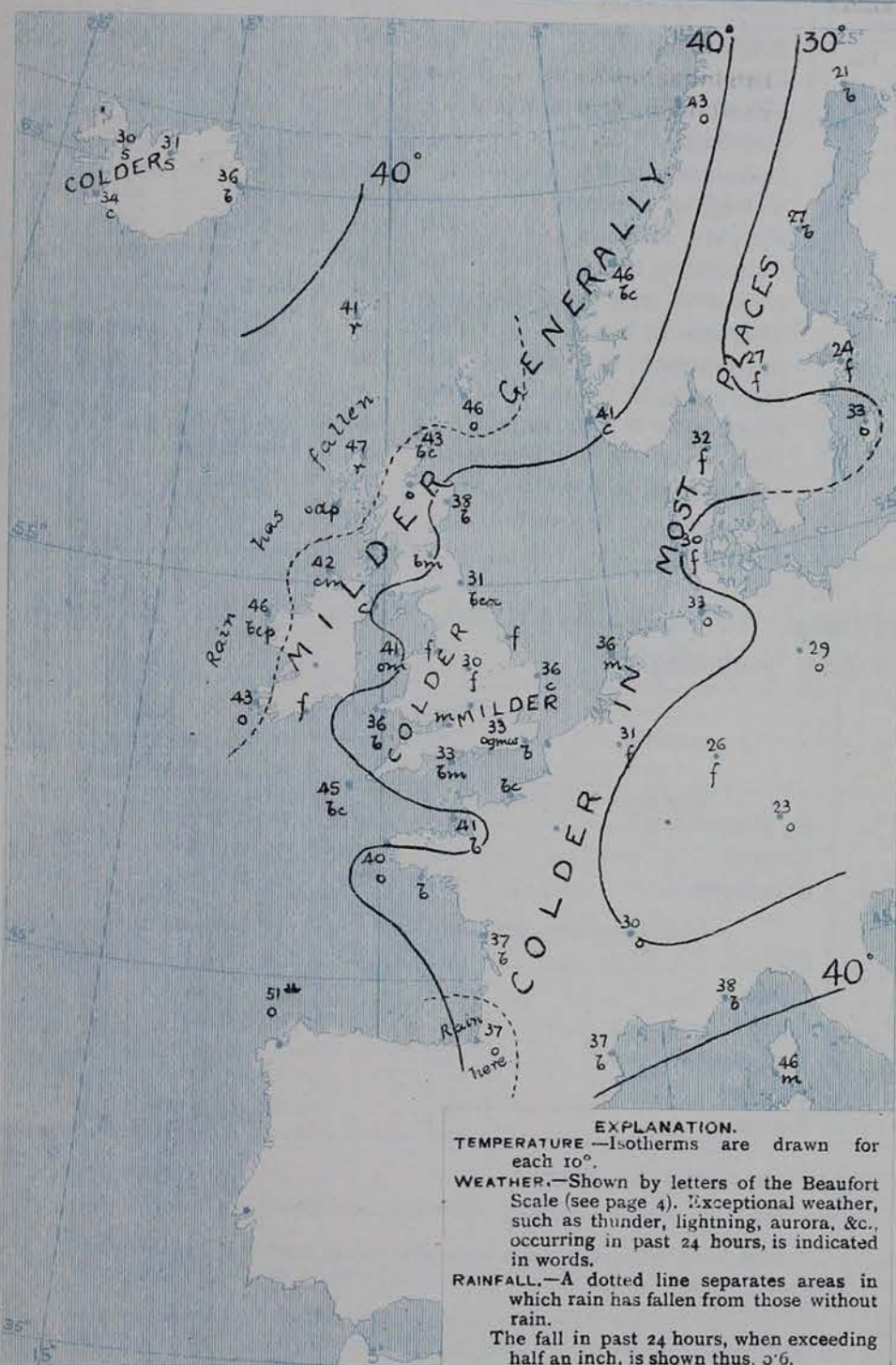
The central space of the high pressure system now extends in an elongated belt from our south-western coasts eastward across England to the Baltic and Russia, with barometer readings above 30½ ins. The Atlantic depression has been transferred north-eastward, and the lowest pressure, below 29 ins., is in the north of Iceland. The gradient is still very steep over the northern seas, slight elsewhere.

Northward of the high pressure belt winds from between South and West prevail, generally very light in force, but blowing a strong breeze at Bodø, a gale at most of the Iceland stations. Over the southern portions of our area light North-easterly to Easterly breezes are reported, on the lower part of the Bay of Biscay a strong breeze. Temperature has fallen over the western parts of the Continent, changed irregularly elsewhere. Over the British Isles the readings range from 30° at Nottingham to 45° at Barra; in Scandinavia from 21° at Haparanda to 46° at Christiansund; over Western Europe from 23° at Munich to 40° at Brest; in Iceland from 23° to 36°. On the southern part of the Bay of Biscay the temperature of the air is 51°, and that of the sea 50°. Small countries the weather is variable, the sky being cloudless or nearly so in many places, overcast in others, with rain showers on our north-western coasts and in the Faeröe, snow in the north of Iceland, and the atmosphere is misty or foggy in various parts of the United Kingdom and beyond the North Sea. The sea is slight to very smooth generally.

CHARTS

21st January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° at Scilly and Valencia, but in the southern and eastern parts of Britain, the maxima were in nearly all places below 45°. Frost occurred in the night in many parts of Britain the thermometer in the shade falling to 25°, and at Oxford and in London the instrument exposed on the grass fell to 21°. Manchester and Stornoway report no bright sunshine, but as a rule the records were very large for the time of year, exceeding 5 hours in numerous instances, 7 hrs at Bournemouth and Liverpool, 7½ hrs. at Torquay and Weymouth.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclone will pass slowly E.^{ward}, but it will still be the dominating factor in the situation. The S.W. wind will hold over the northern districts, and some freshening of the E. current on the southern coasts is probable.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 } S.W. to W. breezes, fresh at times
locally; changeable, some showers;
mild.
- 1 } Light Variable breezes, mainly S.W.;
fair, misty to foggy in places; cold.
- 2 } Light Variable N.W. to E. breezes,
freshening on Channel;
fair to dull, some mist or fog;
rather cold.
- 3 } Same as Nos 0 & 1.
- 4 } Same as No 2.
- 5 } Freshening E. breezes; fair or fine,
local mist or fog; rather cold.
- 6 } Same as Nos 0 & 1.
- 7 } Light Variable breezes; fair to dull,
local fog; cool to moderate temperature.
- 8 } Same as Nos 0 & 1.
- 9 } Light Variable breezes; fair to dull,
local fog; cool to moderate temperature.
- 10 } Same as Nos 0 & 1.

11 WESTERN CHANNEL AND BAY.

N.W. to E. breezes, freshening; fresh to strong on Day; sea smooth to rather rough; fair or fine to dull, some fog; rather cold.

FORECAST DISTRICTS.

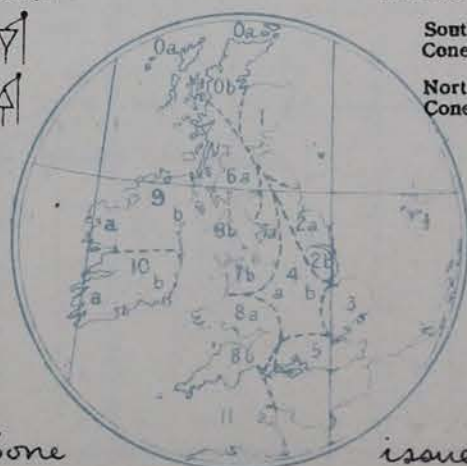
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.
North Cone.

South Cone.
North Cone.



None

issued.

DAILY WEATHER REPORT.

Thursday, 21st January 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	45	34	bc, c, bc	*	-	Brighton, to 6 p.m. ...	42	31	*	5.3	-
Rossall Beach, to 6 p.m....	48	35	c, bc, c	*	0.01	Eastbourne, to 6 p.m. ...	43	34	*	6.1	-
Blackpool, to 9 p.m. ...	44	37	bc, bc	6.7	-	Bexhill-on-Sea, to 9 p.m. ...	43	30	*	5.6	0.01
Southport, to 9 p.m. ...	42	36	d, bc, f	6.3	-	Hastings ...	*	*	*	6.9	*
Rhyl, to 6 p.m. ...	45	39	*	6.4	-	Folkestone, to 6 p.m. ...	41	33	bc, bc, bc	3.5	-
Colwyn Bay, to 6 p.m. ...	45	38	bc	5.7	-	Ramsgate, to 6 p.m. ...	*	*	*	4.1	-
Llandudno, to 9 p.m. ...	40	38	bc	5.0	-	Margate, to 6 p.m. ...	43	37	bc, bc	4.1	-
Bettws-y-Coed, to 6 p.m.	46	33	bc	4.8	*	Felixstowe, to 6 p.m. ...	42	35	*	6.7	-
Towyn, to 6 p.m. ...	49	34	bc	6.8	-	Lowestoft, to 6 p.m. ...	42	31	bc, bc, bc	6.5	-
Aberystwyth, to 6 p.m....	?	35	*	6.7	-	Skegness, to 6 p.m....	41	31	bc, bc	6.2	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	45	35	bc	4.8	-
Torquay, to 6 p.m....	49	32		7.3	-	Harrogate, to 6 p.m. ...	44	31	bc, bc	6.2	-
Weymouth, to 6 p.m. ...	45	33	bc	7.2	-	Buxton, to 6 p.m. ...	42	33	bc, bc, bc	5.4	0.01
Bournemouth to 6 p.m....	45	30	bc	7.0	-	Darwen, to 9 p.m. ...	43	32	bc, bc, bc	2.5	-
Southsea, to 6 p.m....	44	30	*	6.2	-	Manchester, to 9 p.m. ...	40	33	bc	0.0	-
Worthing, to 6 p.m. ...	42	31	bc, bc	6.0	-	Birmingham, to 9 p.m....	42	34	c, bc, bc	2.9	-

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

STATIONS. 20th January, 1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 20th January, 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	66	48	bc, bc	Ins.	St. Petersburg ...	36	16	o, bc	Ins.
Marseilles ...	52	30	bc, bc	-	Utrecht ...	43	30	o, o	-
Malta ...	54	46	bc	0.16	Groningen ...	45	30	c, c	0.04
Algiers ...	61	48	c, bc	-					
Tunis ...	55	39	o, c	-					
Palermo ...	52	40	bc, o	0.16	Geneva ...	36	*	bc	Measured 7.30 a.m.
Naples ...	49	36	bc, bc	0.12	Berne ...	28	*	m	-
Brindisi ...	50	36	o, r	0.95	Coire ...	30	*	bc	-
Florence ...	45	37	bc, bc	-	Castasegna ...	36	*	bc	-
Rome ...	48	37	bc, bc	-	Lugano ...	43	*	bc	-
Vienna ...	36	30	bc, c	-	Davos ...	23	*	bc	-

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
H.M.S. 21st Jan. 7 a.m.	44° 27' N.	8° 36' W.	30.27	SNE	6	o	51	47	50	3
Barometer steady, wind and sea increasing.										

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

21st & 22nd Jan 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	7.52	12.4	4.16
Greenwich ...	7.51	12.5	4.18
Wick ...	7.55	12.11	4.27
Valencia ...	7.54	12.12	4.29
	8.42	12.23	4.5
	8.40	12.24	4.7
	8.38	12.52	5.6
	8.37	12.53	5.8

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

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

W. N. SHAW, (Director.)

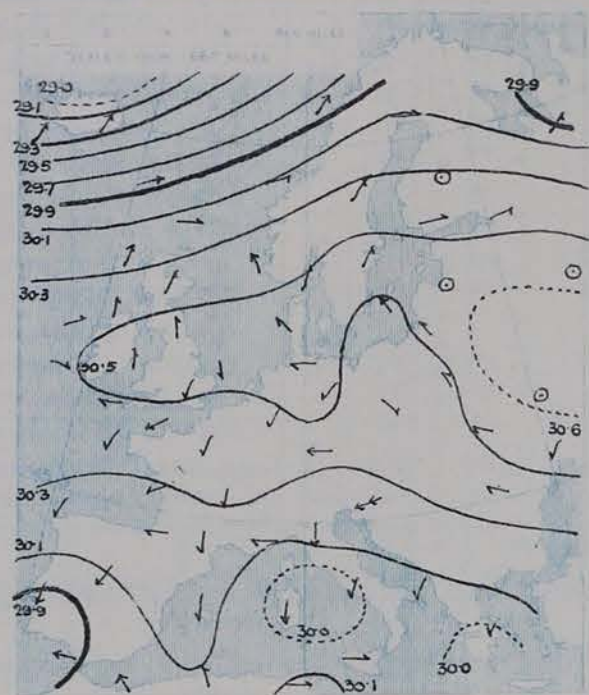
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
22nd January, 1909.

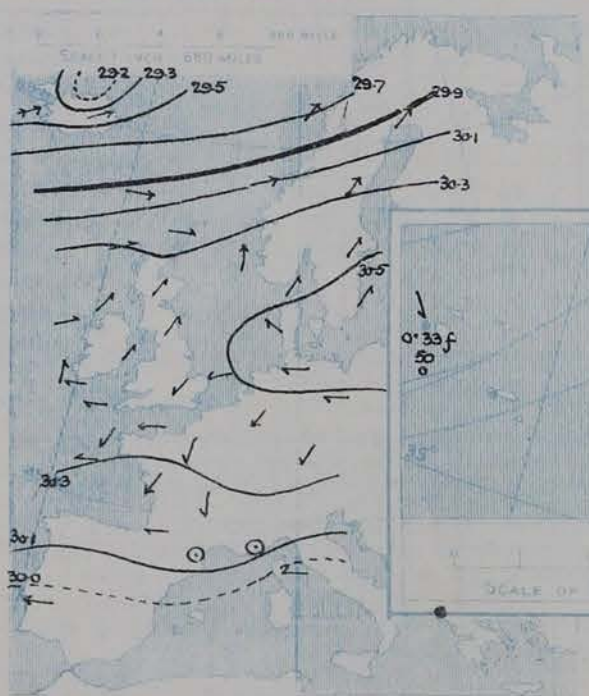
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather.	Sun- shine.	Rainfall.	
				At 32° Fahr. and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.			Dirac.	Force (0 to 12).				Max.	Min.
		Ins.	°				Ins.	Ins.	°	°	°						°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.91	30	SW	4	o	29.77	-34	32	32	+11	W	6	o	*	32	16	*	*	-	
	Hernösand ...	30.28	30	SW	4	b	30.16	-16	27	26	o	2	o	b	*	34	25	*	*	-	
	Stockholm ...	30.45	28	SW	2	o	30.38	-13	28	27	+4	SW	4	o	*	30	23	*	*	-	
	Wisby...	30.53	30	SW	2	o	30.49	-01	33	31	o	W	4	o	*	34	27	*	*	-	
	Karlstad ...	30.43	31	SE	4	o	30.37	-16	34	34	+7	SW	4	o	*	*	*	*	*	-	
	Færder (X'ania Fjord)																				
	Bodö ...	29.69	41	SW	8	c	29.54	-27	39	38	-4	SW	7	o	4	43	34	*	*	0.47	
ICELAND & FAEROE.	Christiansund ...	30.11	41	WSW	6	r	30.10	-05	41	39	-5	WSW	7	r	5	46	41	*	*	0.08	
	Skudesnaes ...	30.37	42	S	4	o	30.37	-04	42	42	+1	2	o	r	2	43	39	o	*	0.12	
	Reykjavik ...	29.40	32	SW	9	c	29.70	+55	32	*	-2	S	1	o	*	*	*	*	*	*	
	Blönduós ...	29.32	27	SSW	2	bc	29.73	+78	32	*	+2	SSW	1	o	*	*	*	*	*	*	
BRITISH ISLANDS.	Seydisfjord...	29.41	35	WSW	7	b	29.75	+60	37	*	+1	WSW	6	c	*	*	*	*	*	*	
	Thorshavn ...	29.95	41	W	6	c	30.10	+25	41	*	o	W	3	r	*	*	*	*	*	*	
	Sumburgh Head	30.23	44	W	2	o	30.30	+10	42	40	-4	W	2	o	2	47	40	o	*	0.07	
	Stornoway ...	30.34	42	WSW	2	c	30.37	+14	40	38	-7	SW	1	o	1	48	36	odpm, bc, o	0.0	0.04	
	Castlebay (Barra Id.)	30.37	44	WNW	2	bc	30.37	+06	43	40	-5	SE	2	o	3	49	41	op, om, bc, o	0.0	0.06	
	Malin Head ...	30.36	45	SW	3	rm	30.33	-05	42	42	o	S	1	cm	1	45	42	bcm, op, or	*	0.07	
	Blacksod Pt. ...	30.43	48	WSW	2	b	30.36	-05	46	45	o	W	3	bc	2	49	44	bc, bcp	*	0.02	
	Valencia ...	30.44	45	S	1	o	30.37	-13	35	34	-8	S	1	b	4	50	34	co, o, bc	2.4	-	
	Roche's Point ...	30.46	43	E	1	o	30.39	-12	41	41	-1	ESE	1	o	2	46	38	f, m, o, upm	*	0.02	
	Birr Castle ...	30.45	43	2	o	b	30.38	-12	37	36	-4	2	o	c	*	48	35	bc, b	1.4	-	
	Donaghadee ...	30.45	42	SW	2	c	30.40	-11	41	41	+1	SSW	1	r	o	46	38	cg, m, od	*	0.01	
	Liverpool Obsy...	30.49	33	ESE	2	b	30.41	-14	31	30	o	ESE	3	o	1	38	29	f, b, fm	5.1	-	
	Holyhead ...	30.47	42	SW	1	om	30.39	-14	40	39	-1	2	o	ome	o	44	39	o, cm	*	-	
	Pembroke (St. Ann's Hd.)	30.48	38	ESE	3	b	30.41	-11	32	32	-4	ESE	2	mz	3	41	31	bw, cm, fm	4.5	-	
	GERMANY, & C.	Scilly (St. Mary's) ...	30.42	43	E	1	bc	30.36	-11	41	37	-4	E	2	bc	3	48	40	bc	6.2	-
Jersey (St. Aubins) ...		30.37	41	E	4	b	30.30	-14	39	37	-2	ENE	4	o	4	45	36	b, fm, cm	7.3	-	
Portland Bill ...		30.43	40	NE	3	b	30.36	-13	38	37	+5	NE	3	og	3	42	32	b	5.8	-	
Dungeness ...		30.38	41	ENE	4	c	30.31	-14	38	36	+2	ENE	4	o	4	44	33	c, o, c	2.2	-	
Dover ...		*	*	*	*	*	30.36	-12	35	34	-5	E	3	o	4	44	34	c, b, bc, o	3.5	-	
Wick ...		30.30	44	S	2	c	30.38	+11	38	36	-5	N	1	bc	2	48	36	-	4	0.03	
Nairn ...		30.34	44	W	1	o	30.40	+09	30	30	-15	2	o	b	1	49	30	o, bc, c, r, b	2.1	0.16	
Aberdeen ...		30.35	40	SSW	1	b	30.42	+03	37	37	-1	WNW	1	c	2	45	36	bc, b, bc	4.5	-	
Leith ...		30.39	45	W	1	c	30.40	-03	42	42	-2	2	o	om	*	46	41	c, o, c	*	-	
North Shields ...		30.42	41	SSW	1	cm	30.39	-12	39	39	+8	W	2	d	2	43	31	cm	*	-	
Spurn Head ...		30.48	32	WSW	2	f	30.40	-13	32	32	-2	WNW	2	f	3	35	31	f, fm, f	*	-	
Yarmouth ...		30.49	40	ENE	3	bc	30.40	-14	37	36	+1	E	4	bc	4	42	35	c, bc	0.0	-	
Clacton-on-Sea ...		30.47	40	NNE	2	o	30.37	-14	38	36	+3	ENE	3	o	3	42	33	cm, d, og	0.6	0.01	
Nottingham ...		30.45	35	SW	1	o	30.43	-12	29	28	-1	W	1	f	*	37	28	f, sm, b, f	0.0	-	
Bath ...		30.48	34	NE	1	m	30.39	-15	34	33	+1	NE	1	o	*	38	31	-	2.8	-	
Oxford ...	30.49	37	NNE	2	o	30.41	-16	33	31	+1	N	1	og	*	42	32	of, bc, c, og	*	-		
London (St. James's Pk)	30.45	40	NE	1	o	30.36	-15	37	35	+4	NNE	2	o	*	43	33	bc, o	0.0	-		
FRANCE.	The Scaw (Skagen)	30.47	32	SW	3	f	30.45	-04	33	32	+1	WSW	3	o	1	34	28	*	*	-	
	Fanö ...	30.52	30	SE	2	bc	30.51	-01	29	29	-1	SE	1	o	*	34	28	*	*	-	
	Cuxhaven†...	30.53	31	E	2	o	30.48	-04	30	30	-3	SE	2	o	*	34	30	*	*	-	
	The Helder ...	30.49	35	E	2	o	30.43	-10	29	28	-7	E	3	o	*	37	28	*	*	-	
	Brussels ...	*	*	*	*	*	30.35	-10	28	27	-3	ENE	1	o	*	35	26	*	*	-	
	Berlin†...	30.50	32	E	2	b	30.52	+02	27	27	-2	SE	1	o	*	32	27	*	*	-	
	Frankfurt†...	30.41	28	NE	4	o	30.36	-09	26	26	o	N	3	bc	*	30	25	*	*	-	
	Munich†...	30.36	28	NE	3	o	30.30	-10	22	22	-1	NE	5	o	*	30	21	*	*	-	
	C. Gris Nez ...	30.39	35	ENE	4	o	30.30	-16	30	28	-6	E	2	o	2	39	30	*	*	-	
	La Hève ...	30.40	32	ENE	3	m	30.36	-07	28	27	-7	E	2	m	2	37	25	*	*	-	
	Brest ...	30.37	41	NE	3	b	30.31	-13	37	36	-3	E	2	bc	2	46	34	*	*	-	
	Lorient ...	30.26	39	ENE	5	c	30.23	-10	33	33	-4	ENE	4	o	2	43	32	*	*	-	
	Rochefort ...	30.26	37	ENE	4	b	30.19	-07	33	33	-4	ENE	4	o	*	45	32	bc, b	*	-	
	Biarritz ...	30.17	42	E	3	b	30.14	-07	32	32	-5	E	3	b	4	48	32	*	*	-	
	SPANISH PENIN.	Paris ...	30.34	36	NNE	2	o	30.29	-08	30	29	-5	NE	2	o	*	42	30	*	*	-
Belfort...														*		*	*	*	-		
Lyons ...		30.32	30	N	1	o	30.26	-04	28	27	-2	2	o	o	*	33	28	*	*	-	
Nice ...		30.15	41	2	o	b	30.14	-01	37	34	-1	E	2	b	1	50	36	*	*	-	
Perpignan ...		30.19	39	2	o	b	30.16	-02	35	34	-2	SW	1	o	*	51	29	*	*	-	
Sanguinaire ...		29.95	48	E	1	b	29.96	+03	50	48	+4	E	1	m	2	54	45	*	*	-	
SPANISH PENIN.	Corunna ...													*		*	*	*	-		
	Lisbon ...													*		*	*	*	-		
	Azores (P. Delgada)...													*		*	*	*	-		
SPANISH PENIN.	„ Horta ...	30.36	52	NW	1	b	30.33	-04	50	48	-6	NW	3	b	2	59	50	*	*	-	

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

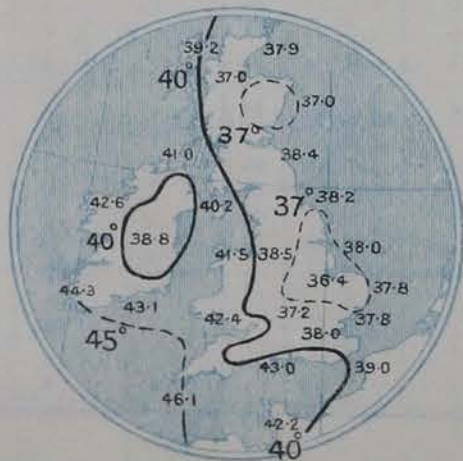
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



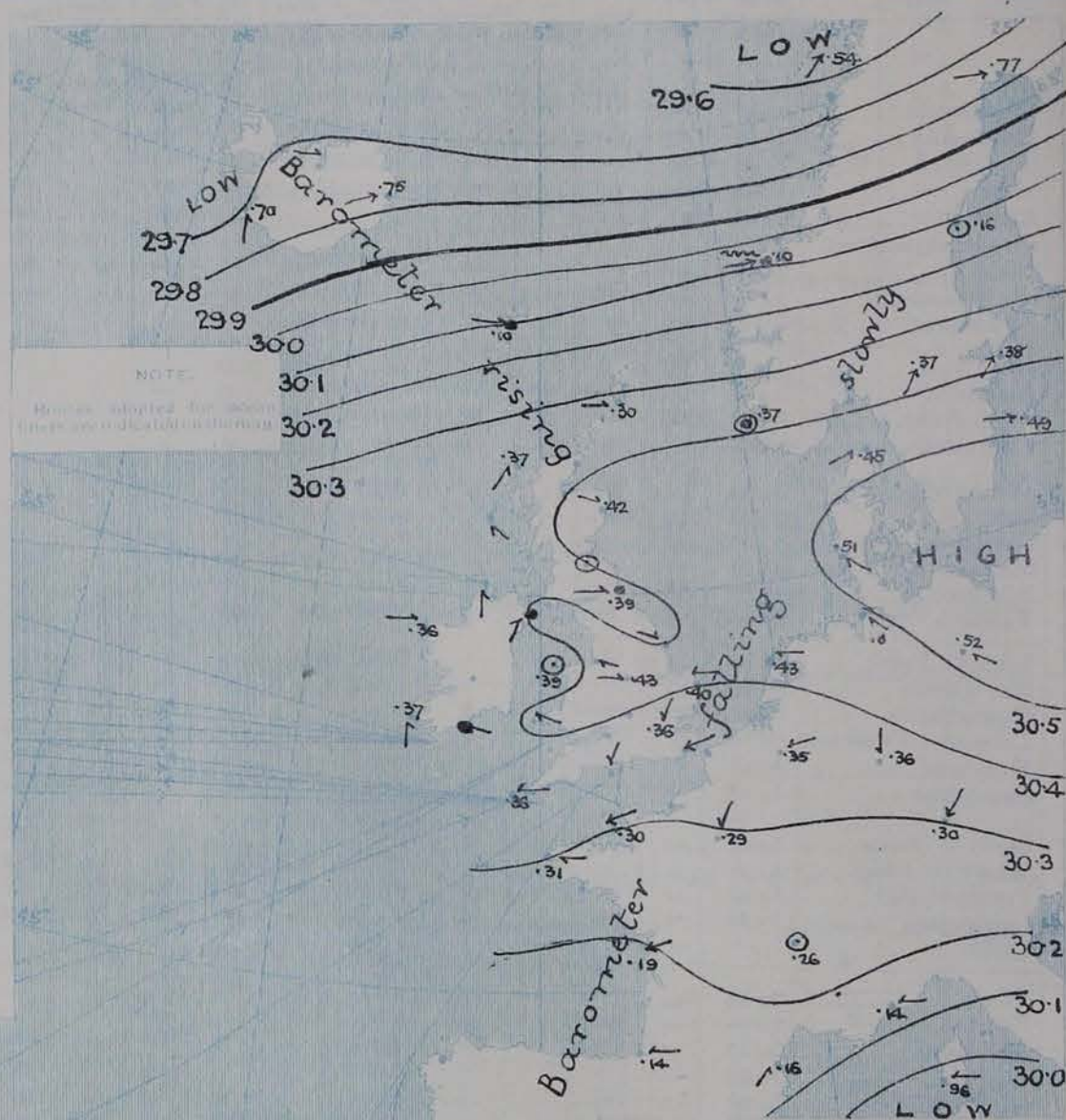
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO MONTHLY PERIOD
JANUARY - FEBRUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Friday.

WEATHER

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



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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

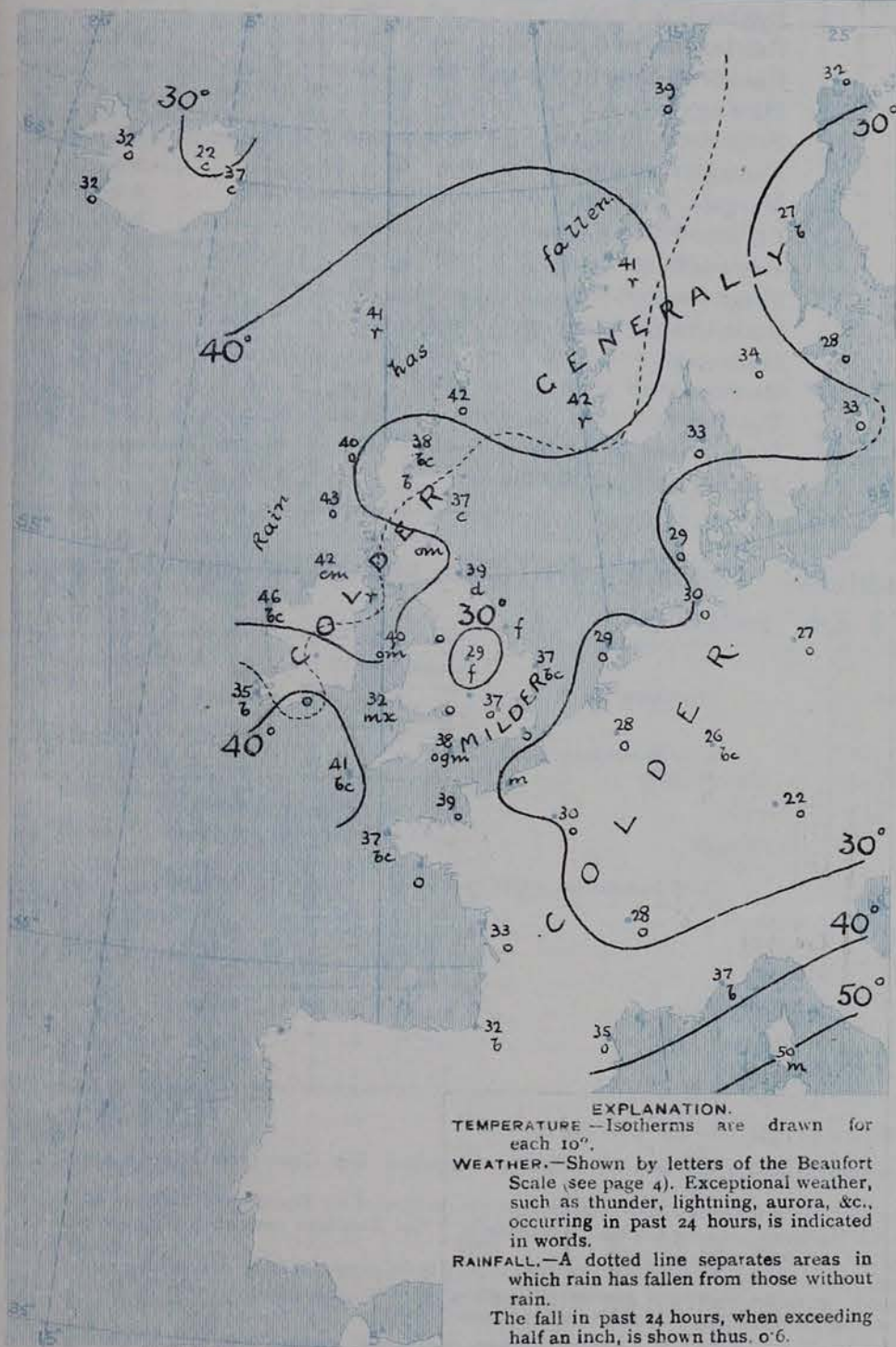
An anticyclonic distribution of pressure is still found over the greater part of the region under observation, and the highest barometer readings, above 30½ ins., are found in Denmark and the Baltic region. The arctic disturbance has passed from the north of Iceland to the north of Norway, the lowest pressure reported being 29½ ins. at Bodø. There is still a considerable gradient northward of the 60th parallel, elsewhere it is slight, the readings over the British Isles being variable at about 30.4 ins.

In Ireland and the northern half of Britain calms and light variable breezes prevail, over Southern England and the western portion of the Continent light to moderate breezes from between North-East and South-East are reported, and over the more northern regions North-Westerly to Westerly winds, fresh to strong or high in several localities. Temperature has changed somewhat irregularly, fallen in most places. At the home stations the readings range from 29° at Nottingham to 46° at Blackhead Point; in Scandinavia from 27° at Helsingfors to 42° at Skudesnæs; over Western Europe from 22° at Munich to 37° at Brest and Nice; and in Iceland from 22° to 37°. Very cloudy to overcast skies prevail at home and abroad. Rain is falling at Donaghadee and Slieve, in the Faeroe and Norway, and the atmosphere is misty or foggy in various parts of the British Isles. The sea is rather rough off Christiansund, moderate to very smooth on all other coasts.

CHARTS

22nd January, 1929

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



NOTES ON YESTERDAY'S WEATHER

Temperature rose yesterday to between 45° and 50° in the extreme west and south of these islands, but in several parts of England and Wales the maxima were below 40°, at Manchester as low as 33°. Frost occurred in the night in several parts of Britain, 26° at Nottingham being the lowest shade temperature reported. The duration of bright sunshine varied greatly, several stations had none, while Aberystwyth had 7 hours, Plymouth, and Jersey 7 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

No decided change in the general situation is indicated, but the slight irregularities of pressure over these Islands will probably produce light passing showers locally.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- | | | |
|----|---|---|
| 0 | } | Light Variable breezes, mainly W. ^y ; fair to dull, local mist and light passing showers; rather cold. |
| 1 | | |
| 2 | | |
| 3 | } | Light N.E. ^y to E. ^y breezes; fair to dull, local mist or fog; rather cold. |
| 4 | | |
| 5 | | |
| 6 | } | Same as Nos. 0 to 2. |
| 7 | | |
| 8 | | |
| 9 | } | Same as Nos. 3 to 5. |
| 10 | | |
| 11 | | |

WESTERN CHANNEL AND BAY

E.^y breezes, light to moderate; sea slight or moderate; fair to dull, local mist; rather cold.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

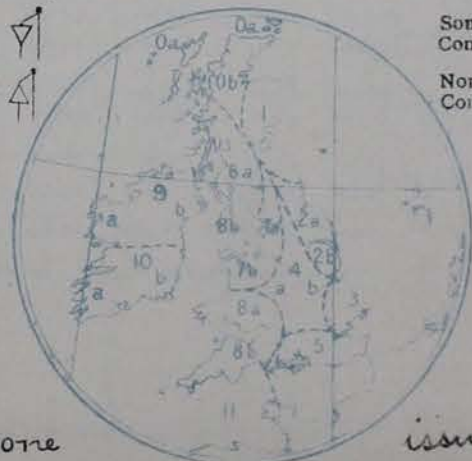
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



None

issued

DAILY WEATHER REPORT.

Friday, 22nd January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	45	36	bc, fo, cm	*	-	Brighton, to 6 p.m. ...	43	34	*	5.3	-
Rossall Beach, to 6 p.m....	40	29	c, f, m, f	*	-	Eastbourne, to 6 p.m. ...	42	34	*	4.6	-
Blackpool, to 9 p.m. ...	38	29	of, c, om	1.1	-	Bexhill-on-Sea, to 9 p.m.	43	33	*	5.0	-
Southport, to 9 p.m. ...	37	30	f, c, o	0.2	-	Hastings	*	*	*	3.3	*
Rhyl, to 6 p.m.	47	35	*	6.2	-	Folkestone, to 6 p.m. ...	42	34	bc, c, bc	3.7	-
Colwyn Bay, to 6 p.m. ...	44	30	b, bc	4.6	-	Ramsgate, to 6 p.m. ...	*	*	*	2.8	-
Llandudno, to 9 p.m. ...	39	34	bc, o	4.1	-	Margate, to 6 p.m. ...	44	38	b, o	3.1	-
Bettws-y-Coed, to 6 p.m.						Felixstowe, to 6 p.m. ...	43	34		2.2	0.03
Towyn, to 6 p.m.	47	28	m, b	5.6	-	Lowestoft, to 6 p.m. ...	41	31	f, c, o, c	1.0	-
Aberystwyth, to 6 p.m. ...	44	32	*	7.0	-	Skegness, to 6 p.m....	42	27	m, c, b, c	3.5	0.01
Plymouth, to 9 p.m. ...	43	31	b, b, v	7.2	-	Scarborough, to 9 p.m. ...	42	33	c, b	2.5	-
Torquay, to 6 p.m....	44	31	*	6.8	-	Harrogate, to 6 p.m. ...	43	27	b, om, b	3.5	-
Weymouth, to 6 p.m. ...	42	30	b	5.8	-	Buxton, to 6 p.m. ...	34	24	b, bf, b, f	4.8	-
Bournemouth to 6 p.m. ...	42	30	c, b	3.9	-	Darwen, to 9 p.m. ...	41	29	bc, m, cm	3.5	-
Southsea, to 6 p.m....	41	32	*	1.0	-	Manchester, to 9 p.m. ...	33	26	o, om	0.0	-
Worthing, to 6 p.m. ...	42	33	c, bc, c, o	5.1	-	Birmingham, to 9 p.m....					

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

STATIONS. 21st January, 1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 21st January, 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira	64	43	b, r	Ins. 0.20	St. Petersburg	32	21	o, o	Ins.
Marseilles	52	37	b, b	-	Utrecht	45	28	b, f	-
Malta					Groningen	45	28	b, f	-
Algiers	63	46	b, b	-	20th January, 1909. 1.30 p.m.				
Tunis	55	37	o, c	-	Geneva	30	*	o	Measured 7.30 a.m.
Palermo	53	39	c, bc	0.43	Berne	23	*	m	-
Naples	43	39	o, o	0.08	Coire	28	*	b	-
Brindisi	55	36	o, r	1.46	Castasegna	34	*	b	-
Florence	46	38	b, d	-	Lugano	43	*	b	-
Rome	49	39	b, bc	-	Davos	21	*	b	-
Vienna	36	28	bc, b	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
Lucania 19th Jan { 3 p.m. 6 p.m.	48 N.	28 W.	30.05	SW	6-7	-	o	o	o	-
	48 N.	30 W.	29.99	SSW	8-9	o	-	-	-	-
Montreal 20th Jan { 10 a.m. 1 p.m.	50 N.	24 W.	30.16	SSW	8-9	-	-	-	-	-
	50 N.	24 W.	30.17	SSW	8-9	c	-	-	-	-
Adriatic 21st Jan { 3 p.m. 6 p.m.	51 N.	9 W.	30.43	ESE	1-3	-	-	-	-	-
	51 N.	10 W.	30.41	E	1-3	c	-	-	-	-
H.M.S. " " 6 p.m.	47-26 N.	6.46 W.	30.34	E	4	bc	50	50	52	3

Barometer rising, weather improving.

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

22nd-23rd Jan 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth		7.51	12.5	4.18
Greenwich		7.50	12.5	4.20
Wick		7.54	12.12	4.29
Valencia		7.53	12.12	4.31
		8.40	12.24	4.7
		8.39	12.24	4.9
		8.37	12.53	5.8
		8.36	12.53	5.10

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

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

W. N. SHAW, (Director.)

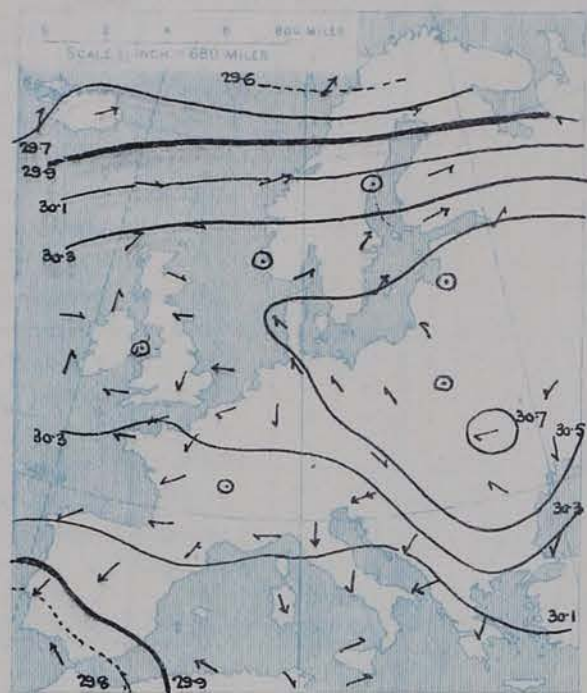
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday
23rd January, 1909.

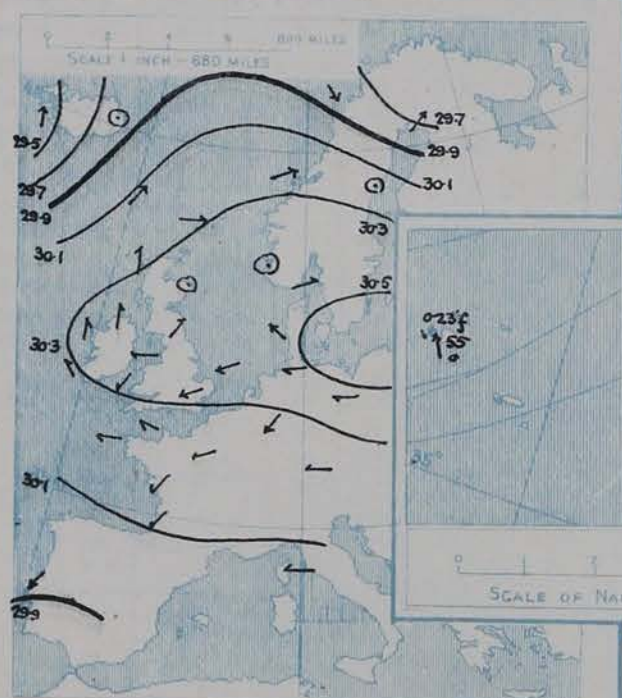
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun- shine.	Rainfall.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
																				At 82° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.	Min.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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SUPPLEMENTARY CHARTS
OF
BAROMETER AND WIND
FOR 7 A.M. AND 6 P.M. YESTERDAY

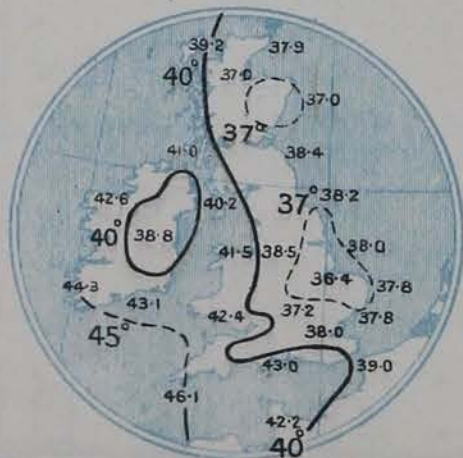
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

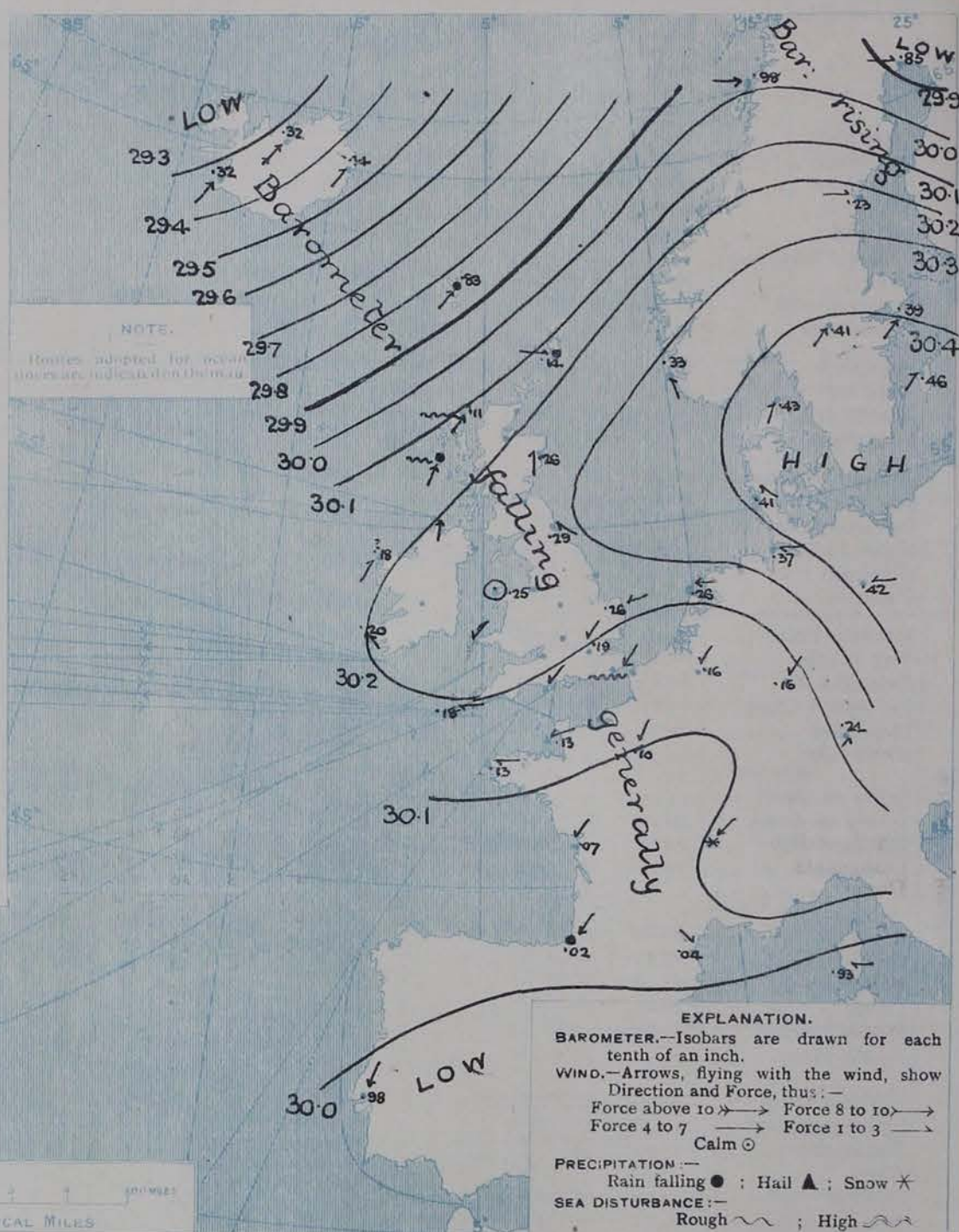


Saturday.

WEATHER

22nd Jan '09.

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



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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

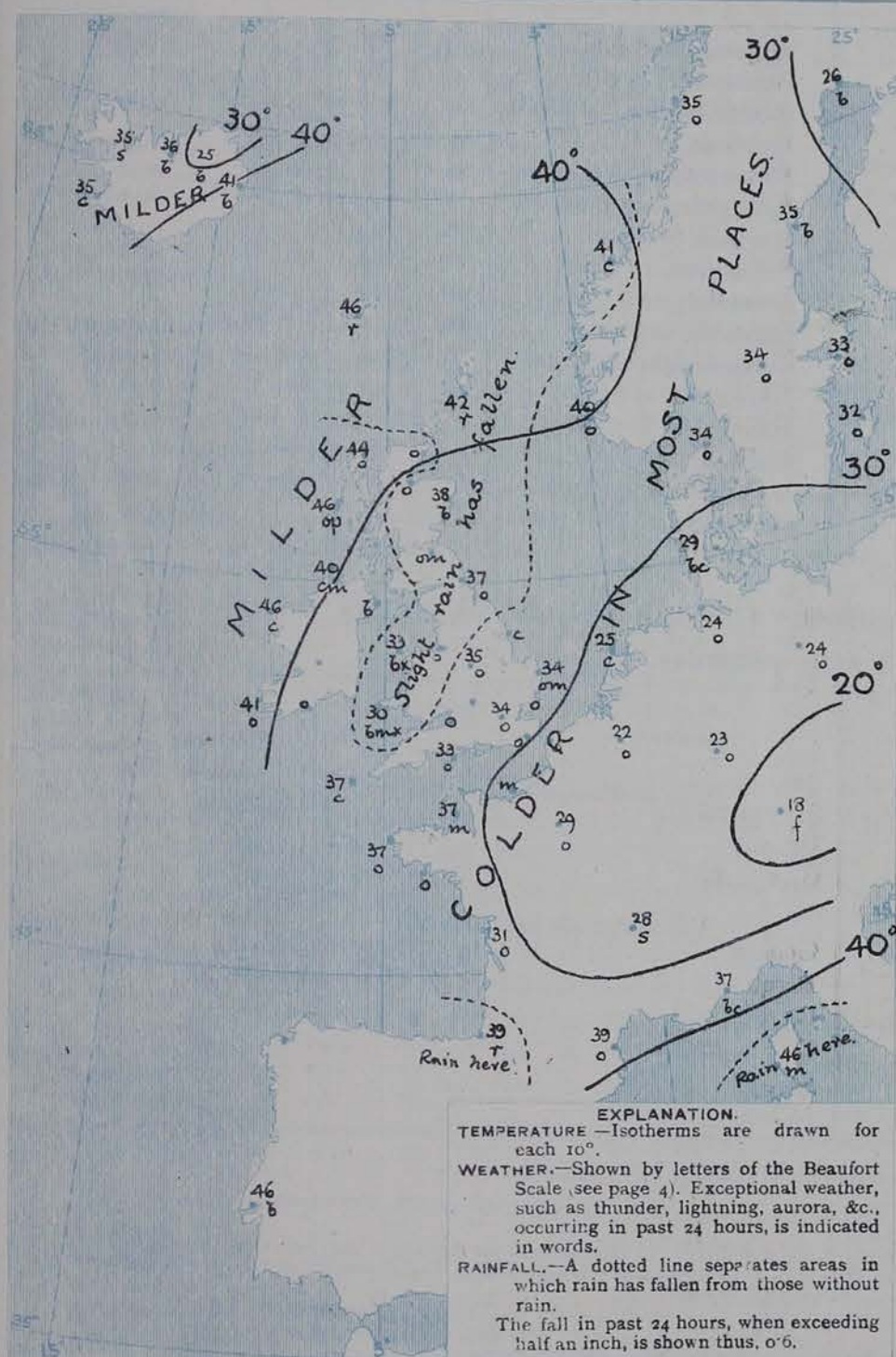
The high pressure system continues to move away to Southern Russia, and the highest barometer readings reported this morning are above 30.4 ins. in the Baltic region. They are, however, at about 30.4 ins. in most parts of the British Isles. In a depression moving towards the Arctic Seas, between Iceland and Greenland, pressure is below 29.5 ins. The gradient is moderate over the Northern Seas, slight elsewhere.

Southerly to Westerly winds prevail over the northern half of the region under observation. North-easterly to easterly over the southern half. As a rule the force is moderate to very light, but a strong breeze is blowing in Færøe, and in Western Iceland it is fresh to a gale. Temperature has risen at our extreme western and northern stations and across to Iceland, fallen in nearly all other localities. Over the British Isles the values range from 30° at Dover and Pembroke to 46° at Barra and Blackasod Point, in Scandinavia from 26° at Haparanda to 41° at Christiansund; and over the western portion of the Continent from 18° at Munich to 39° at Perpignan, and in Iceland from 25° to 41°. The sky is cloudless or nearly so at some of our own, the Scandinavian and Icelandic stations, but the weather generally is overcast and dull, rain is falling in the outer northern islands and in the Færøe, snow in the north-west of Iceland and at Syon, and the atmosphere is foggy at Munich. The sea is rather rough round the Hebrides, on the Kentish coast and off Lorient, slight to very smooth in nearly all other neighbourhoods.

CHARTS

22nd January, 1909.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to between 45° and 47° on the extreme western and northwestern coasts, but in most parts of the British Isles the maxima were below 40°, only 33° at Harrogate and Manchester. In the night Neim registered a minimum of 27°, and slight frost occurred at many other stations. Scilly reports 6.7 hrs. of bright sunshine, but nearly all other stations had none.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Although the barometer is falling nearly everywhere no decided change in the general distribution of pressure is expected during the coming 24 hours, so that the existing weather conditions will be maintained.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 } S. to W. breezes, light to moderate;
fair to dull, some rain locally;
moderate temperature
- 1 } Light Variable E. to S. breezes;
cloudy to dull, some mist or fog; cold.
- 2 } N. to E. breezes, fresh locally
on coast; fair to dull, local mist
or fog; cold.
- 3 } Same as Nos. 0 & 1.
- 4 } Same as No. 2.
- 5 } Same as Nos. 3 to 5.
- 6 } Same as Nos. 0 & 1.
- 7 } Calms and light variable breezes;
fair to dull; rather cold.
- 8 } Same as Nos. 0 & 1.
- 9 } Same as Nos. 0 & 1.
- 10 } Same as Nos. 0 & 1.

II WESTERN CHANNEL AND BAY



N.E. and E. breezes, light to moderate; sea smooth to moderate, considerable N.W. swell on Bay; cloudy, some mist; cold.



FORECAST DISTRICTS.

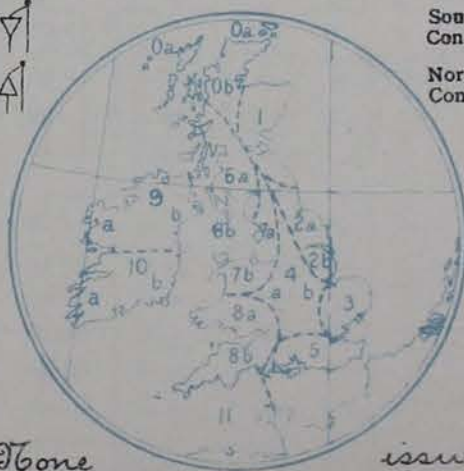
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone. 
North Cone. 

South Cone. 
North Cone. 



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m. ...	44	37	cl. g. p. o. g.	*	-	Brighton, to 6 p.m. ...	38	35	*	0.0	-
Rossall Beach, to 6 p.m. ...	37	30	om. f.	*	-	Eastbourne, to 6 p.m. ...	41	33	*	0.0	-
Blackpool, to 9 p.m. ...	37	29	om. cl. c.	0.0	0.01	Bexhill-on-Sea, to 9 p.m. ...	44	33	g. c.	0.0	-
Southport, to 9 p.m. ...	35	27	om. o. of	0.0	0.03	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	40	33	*	0.5	0.02	Folkestone, to 6 p.m. ...	39	32	cl. o.	0.0	-
Colwyn Bay, to 6 p.m. ...	41	32	o	0.5	0.03	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	35	33	tem. of. o.	0.0	0.02	Margate, to 6 p.m. ...	36	34	o	0.0	-
Bettws-y-Coed, to 6 p.m. ...	39	30	c	0.2	*	Felixstowe, to 6 p.m. ...	37	33	o	0.0	-
Towyn, to 6 p.m. ...	44	26	o. c. b.	2.4	-	Lowestoft, to 6 p.m. ...	40	34	o	0.0	-
Aberystwyth, to 6 p.m. ...	40	30	*	1.5	-	Skegness, to 6 p.m. ...	39	30	cr. bc. c.	0.2	0.01
Plymouth, to 9 p.m. ...	39	32	bc. br.	1.3	-	Scarborough, to 9 p.m. ...	41	29	o. c.	1.4	-
Torquay, to 6 p.m. ...	40	33	*	0.0	-	Harrogate, to 6 p.m. ...	33	25	bm. of. f.	0.0	-
Weymouth, to 6 p.m. ...	38	31	o	0.0	-	Buxton, to 6 p.m. ...	35	21	f. bc. c.	1.5	-
Bournemouth to 6 p.m. ...	38	30	o	0.0	-	Darwen, to 9 p.m. ...	35	29	om. b. om.	0.0	0.03
Southsea, to 6 p.m. ...	38	33	*	0.0	-	Manchester, to 9 p.m. ...	33	30	om. o.	0.0	-
Worthing, to 6 p.m. ...	38	34	o. c. o.	0.1	-	Birmingham, to 9 p.m. ...	35	28	o	0.0	-

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

STATIONS. 22nd January, 1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 22nd January, 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	63	43	r. r.	Ins.	St. Petersburg ...	30	-2	b. b.	Ins.
Marseilles ...	52	32	b. b.	0.24	Utrecht ...	32	23	o. o.	-
Malta ...	55	47	c.	0.04	Groningen ...	34	27	o. o.	-
Algiers ...	59	46	bc. c.	-	21st January, 1909, 1.30 p.m.				Measured 7.30 a.m.
Tunis ...	55	37	o. bc.	-	Geneva ...	32	*	o	-
Palermo ...	55	39	b. bc.	0.04	Berne ...	27	*	m	-
Naples ...	48	40	b. b.	-	Coire ...	25	*	b	-
Brindisi ...	50	35	r. c.	1.02	Castasegna ...	32	*	b	-
Florence ...	45	37	b. b.	-	Lugano ...	43	*	b	-
Rome ...	51	34	b. b.	-	Davos ...	25	*	b	-
Vienna ...	34	25	o. o.	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
New York 19th Jan. { 4am	48N.	22W.	30.35	WNW	4-5	-	o	o	o	-
" " " { 7am	48N.	23W.	30.35	W	4-5	bc	-	-	-	-
" " " { 10am	48N.	25W.	30.29	W	4-5	-	-	-	-	-
" " " { 11am	48N.	26W.	30.36	W	4-5	o	-	-	-	-
" " " { 3pm	47N.	26W.	30.21	WSW	6-7	-	-	-	-	-
" " " { 6pm	47N.	27W.	30.20	WSW	6-7	o	-	-	-	-
" " 20th Jan. { 4am	46N.	30W.	30.03	SW	6-7	-	-	-	-	-
" " " { 7am	46N.	32W.	30.02	W	6-7	o	-	-	-	-
" " " { 10am	46N.	33W.	30.10	WNW	4-5	-	-	-	-	-
" " " { 11am	45N.	34W.	30.21	WNW	6-7	o	-	-	-	-
" " " { 3pm	46N.	36W.	30.18	NW	4-5	-	-	-	-	-
" " " { 6pm	45N.	37W.	30.28	NW	4-5	c	-	-	-	-

23rd to 24th Jan. 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	7.50	12.5	4.20
Greenwich ...	7.49	12.5	4.21
Wick ...	7.53	12.12	4.31
Valencia ...	7.52	12.12	4.32
	8.39	12.24	4.9
	8.38	12.24	4.11
	8.36	12.53	5.10
	8.35	12.53	5.11

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

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

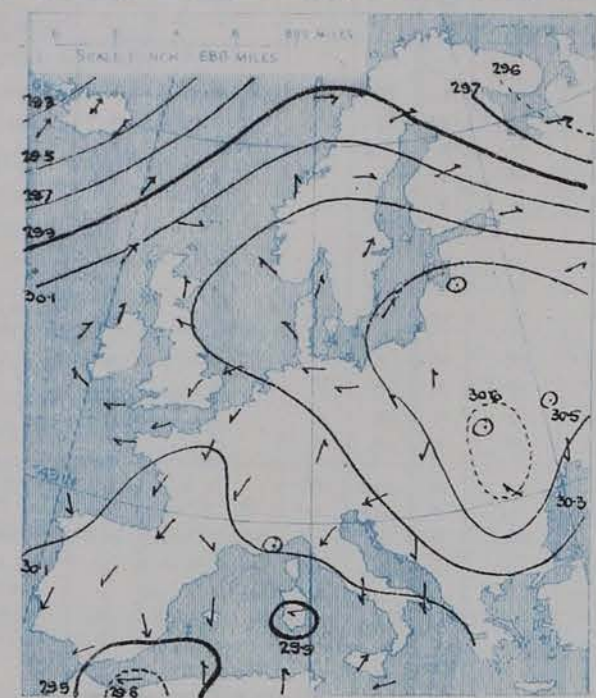
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,
24th January, 1909.

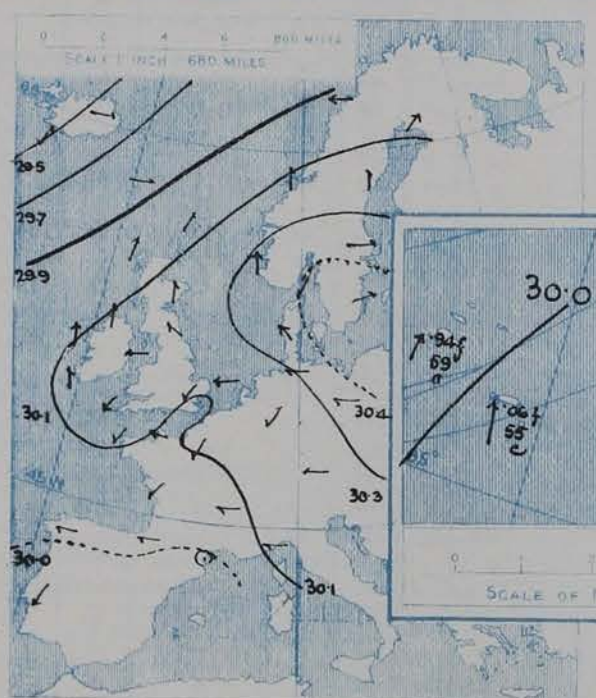
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.		Temperature.			Wind.		Force	Weather.	Sea	Temp.		Weather.	Sun-	Rainfall.
							At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Max.				Min.				
																		Ins.			
SCANDINAVIA.	Haparanda...	30.06	18	SW	4	0	29.95	+10	24	24	-2	SSE	2	0	*	32	16	*	*	0.04	
	Hernösand...	30.21	25	S	2	6	30.23	00	31	30	-4	Z	0	6	*	39	25	*	*	-	
	Stockholm...	30.39	34	W	2	0	30.41	+02	28	28	-5	W	2	0	*	34	28	*	*	-	
	Wisby...	30.46	30	WSW	4	0	30.44	-02	31	30	-1	SW	4	0	*	34	25	*	*	-	
	Karlstad...	30.42	32	W	2	0	30.45	+04	31	30	+3	WSW	2	0	*	*	*	*	-		
	Færder (X'ania Fjord)																			-	
	Bodö...	29.93	32	E	4	5	29.93	-05	41	35	+6	WSW	6	7	4	41	30	*	*	-	
ICELAND & FAEROE.	Christiansund...	30.14	45	S	1	0	30.23	+03	41	35	0	SW	1	0	3	45	39	*	*	-	
	Skudesnaes...	30.34	37	S	6	0	30.32	-01	35	32	-5	SSE	6	6	4	40	34	0	*	0.04	
	Reykjavik...	29.49	33	SW	3	C	29.28	-04	38	*	+3	S	5	7	*	*	*	*	*		
	Blönduós...	29.43	34	SW	5	C	29.46	+17	38	*	+3	SSW	4	0	*	*	*	*	*		
BRITISH ISLANDS.	Seydisfjord...	29.55	37	W	2	0	29.73	+29	33	*	-8	Z	0	6	*	*	*	*	*		
	Thorshavn...	29.87	44	W	2	0	29.95	+12	42	*	-11	Z	0	0	*	*	*	*	*		
	Sumburgh Head	30.09	42	SW	3	0	30.13	-01	40	37	-2	S	2	0	3	44	38	0	*	0.02	
	Stornoway...	30.06	43	SSW	5	0	30.05	-06	42	41	-2	SSW	4	0	5	45	41	0, C, 0	0.4	-	
	Castlebay (Barra Id.)	30.08	46	SSE	4	omv	30.05	-10	43	41	-3	SSE	4	opm	4	46	42	opm, 0, omv	0.0	0.02	
	Malin Head...	30.07	41	S	3	C	30.02	-12	35	35	-5	SSE	3	bc	2	43	35	omv, bc	*	-	
	Blacksod Pt.	30.07	45	S	4	cp	29.96	-22	43	41	-3	SSE	4	C	3	46	41	bc, bc, omv, 0	*	0.02	
	Valencia...	30.11	43	SSE	3	C	30.02	-18	42	41	+1	SSE	3	ad	4	47	41	0, C, 0, d	1.5	0.02	
	Rochie's Point...	30.16	43	SSE	2	bm	30.08	-14	43	40	+5	SW	2	0	2	45	38	m, C, omv, 0	*	-	
	Birr Castle...	30.14	35	S	1	6	30.06	-15	37	36	+3	S	2	0	*	41	31	6, 0	3.9	-	
	Donaghadee...	30.18	40	Z	0	0	30.12	-16	38	34	-1	S	2	0	1	40	36	C, omv, C, 0	*	-	
	Liverpool Obsy...	30.19	33	E	1	0	30.15	-13	31	30	-3	E	1	6	1	35	30	omv, 0, 6	0.0	-	
	Holyhead...	30.17	35	E	2	omv	30.12	-13	33	33	0	Z	0	cm	0	39	32	6, omv	*	-	
	Pembroke (St. Ann's Hd.)	30.16	34	ESE	3	0	30.12	-13	33	31	+3	E	3	bm	3	36	28	bm, 0, omv, 0	4.1	-	
	Scilly (St. Mary's)	30.11	39	ENE	2	0	30.09	-09	37	34	0	ENE	1	omv	3	43	36	C, 0	2.5	-	
	Jersey (St. Aubins)	30.08	36	ESE	3	m	30.12	-01	34	32	-3	ESE	3	0	3	38	31	ogm, m	0.0	-	
Portland Bill	30.12	33	NNE	2	0	30.11	-08	33	31	0	NNE	2	0	3	35	30	0	0.0	-		
GERMANY, & C.	Dungeness...	30.08	33	N	3	0	30.14	+02	32	31	-3	ESE	3	0	8	35	27	q, 0, C, bc	0.0	-	
	Dover...	*	*	*	*	*	30.12	-06	30	30	0	ESE	2	0	2	33	29	0	0.0	-	
	Wick...	30.11	40	SW	2	0	30.09	-07	37	36	-4	S	2	6	2	44	35	-	*	-	
	Nairn...	30.12	34	Z	0	0	30.09	-09	27	27	-9	Z	0	6	1	40	26	0, omv, bc, 6	0.0	-	
	Aberdeen...	30.21	37	S	1	0	30.18	-08	35	33	-3	SSW	1	0	2	39	34	cy, 0	0.0	-	
	Leith...	30.21	36	S	1	0	30.16	-09	34	33	-2	S	1	C	*	38	33	0	*	-	
	North Shields	30.20	39	SE	3	0	30.15	-14	38	37	+1	ESE	1	0	2	39	35	0	*	-	
	Spurn Head...	30.15	37	ENE	3	bc	30.12	-12	34	33	-4	S	4	0	3	38	33	C, bc, 0	*	-	
FRANCE.	Yarmouth...	30.13	34	E	4	bc	30.18	-08	33	32	-1	ESE	4	C	4	35	33	bc	6.0	-	
	Clacton-on-Sea...	30.11	33	N	2	0	30.17	-01	31	30	-3	SE	3	0	2	34	30	og, C	0.0	-	
	Nottingham...	30.17	34	NE	2	C	30.14	-12	30	29	-5	ESE	1	0	*	36	28	omv, C, 6, 0	0.0	-	
	Bath...	30.15	34	ESE	2	0	30.15	-07	31	30	-1	NE	1	0	*	35	30	-	0.0	-	
	Oxford...	30.16	32	NE	2	0	30.17	-06	31	28	-1	E	2	cm	*	34	30	0, omv	*	-	
	London (St. James's Pk)	30.12	34	NE	2	0	30.14	-05	31	29	-3	ESE	1	C	*	35	30	0, C	0.0	-	
	The Scaw (Skagen)	30.40	31	SW	3	0	30.41	-02	32	30	-2	SSE	1	C	1	34	30	*	*	-	
	Fanö...	30.35	25	SE	4	6	30.37	-04	26	25	-3	SE	3	6	*	30	25	*	*	-	
SPANISH PENIN.	Cuxhaven†...	30.29	28	E	3	6	30.32	-05	25	27	+1	E	2	6	*	28	24	*	*	-	
	The Helder...	*	*	*	*	*	?	?	30	30	+8	Z	0	C	*	31	20	*	*	-	
	Brussels...	*	*	*	*	*	?	?	20	20	-4	ESE	3	6	*	30	19	*	*	-	
	Berlin†...	30.38	26	E	2	6	30.37	-05	20	27	-4	ESE	3	6	*	32	21	*	*	-	
	Frankfurt†...	30.23	27	NE	2	6	30.25	+09	23	21	0	NE	2	6	*	27	10	*	*	-	
	Munich†...	30.25	18	E	2	6	30.29	+05	10	23	-8	E	1	6	*	27	10	*	*	-	
	C. Gris Nez...	30.09	25	E	3	bc	30.13	-06	26	26	-1	E	2	0	2	32	23	*	*	-	
	La Hève...	30.16	27	E	1	m	30.17	+01	27	?	0	ENE	1	0	1	32	25	*	*	-	
	Brest...	30.11	40	NE	2	0	30.11	-02	38	37	+1	E	2	0	2	41	36	*	*	-	
	Lorient...	30.04	36	ENE	2	0	30.08	-03	32	32	0	E	2	0	2	37	32	*	*	-	

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

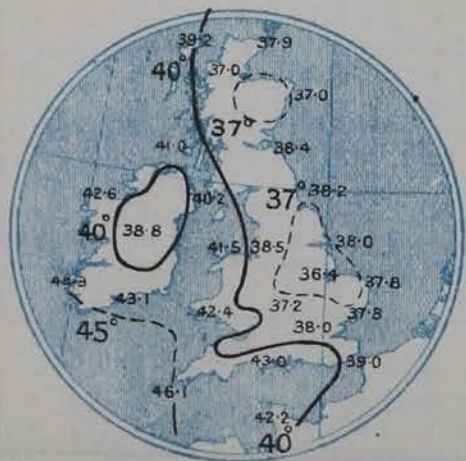
7 A.M. YESTERDAY



6 P.M. YESTERDAY

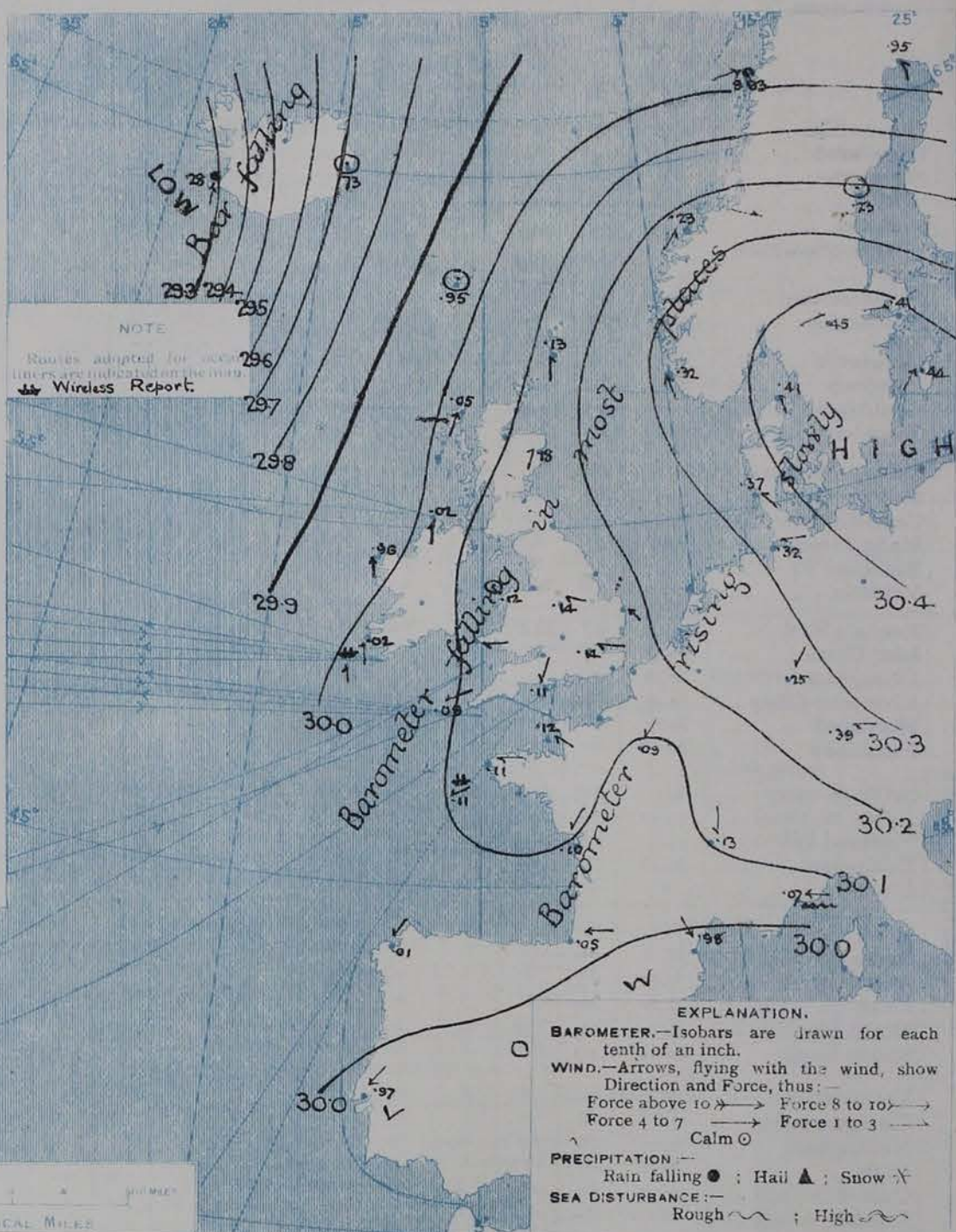


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO MONTHLY PERIOD
JANUARY - FEBRUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Sunday, WEATHER 24th Jan

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



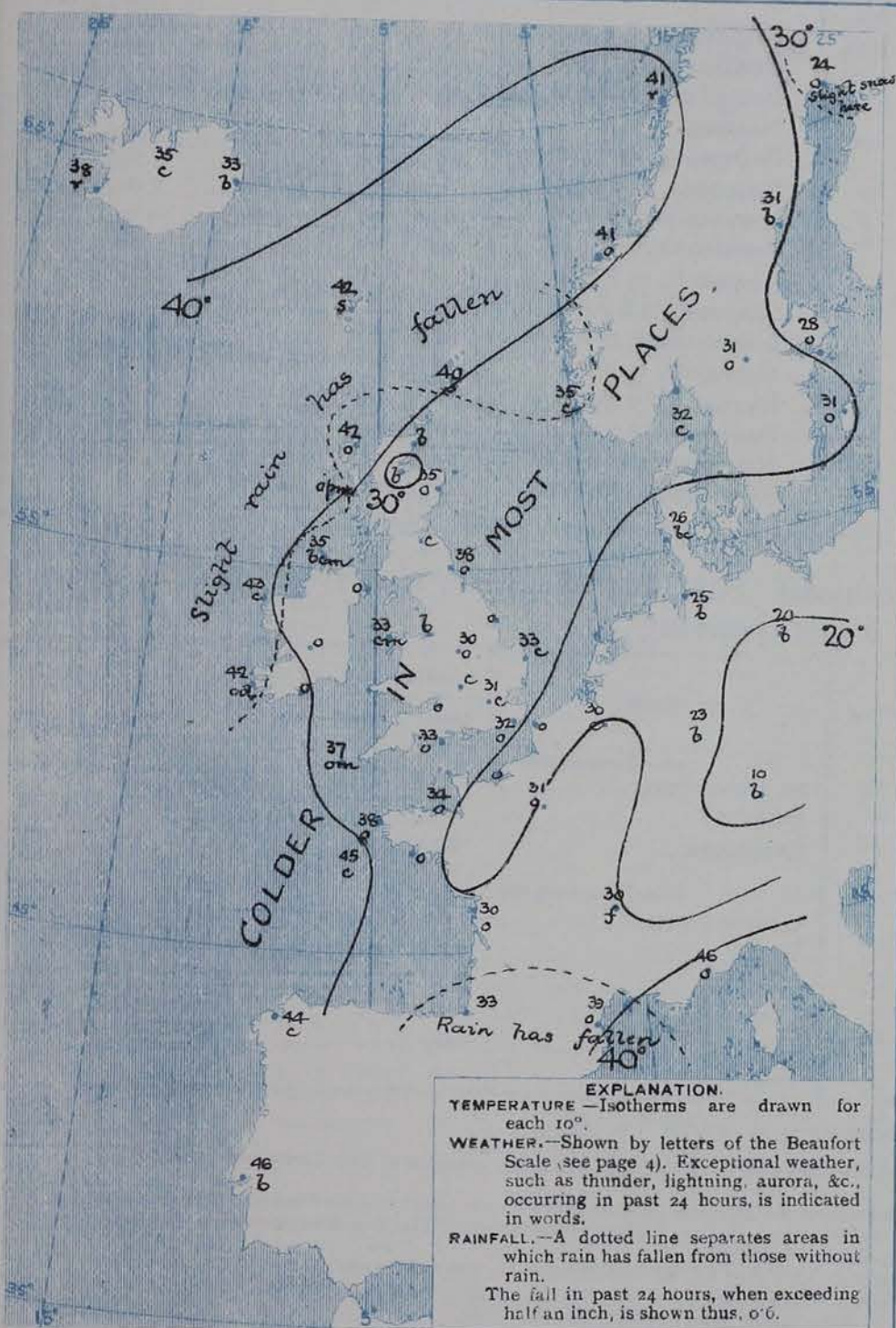
NOTES ON THE GENERAL SITUATION AT 7 A.M.

The central portion of the anticyclone now covers the Baltic and the south of Sweden, the barometer being above 30.4 ins. To the eastward the readings decrease to about 30.0 ins. in the west of Ireland, and to below 29.3 ins. in the west of Iceland. In the latter region a rather brisk fall of the mercury is in progress, and the gradient between that island and Scotland is increasing.

A very light to moderate southerly breeze prevails over Ireland, Scotland, and the Icelandic region, and a strong breeze from West-Southwest at Bodø, but over Germany, France, and most of England a light current from some Easterly point is general. Temperature has fallen in almost all places, and is now between 10° and 20° over a large portion of Germany, and a little below or slightly above 32° over the greater part of England and France, as well as in central Scotland. The sky is very cloudy or quite overcast in almost all parts of these islands, with slight rain or passing showers at Valencia and Stornoway. Rain is also falling at Bodø, and at many other stations on the Continent the sky is overcast; in Germany, however, the weather has become fine and bright.

CHARTS 24th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer failed to rise above 35° over a considerable portion of England, and remained below 40° over Great Britain generally. During the night the minima recorded were below 32° in most localities, the lowest figure in these Islands being 26° at Narvik. Some rain has fallen at Biarritz and Perpignan, as well as in the extreme west and northwest of these Islands. Over the Kingdom generally there was little or no sunshine, but Yarmouth recorded 5 hours, and some stations in the west between 3 and 4 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

FORECASTS

For the 24 hours commencing at
NOON TO-DAY

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

0
1
2
3
4
5
6
7
8
9
10

None Issued



II WESTERN CHANNEL AND BAY

FORECAST DISTRICTS.

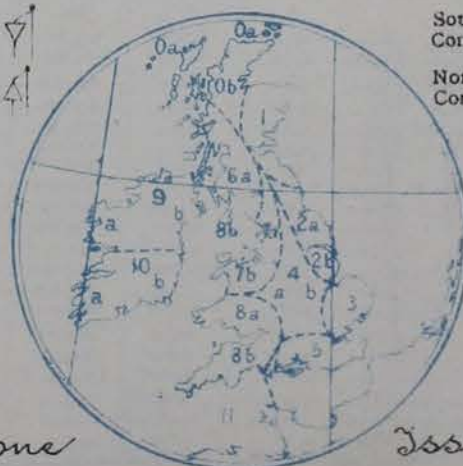
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone. 
North Cone. 

South Cone. 
North Cone. 



None

Issued.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m. ...	42	33	or, w.f. cm	Hrs.	Ins.	Brighton, to 6 p.m. ...	0	0		Hrs.	Ins.
Rossall Beach, to 6 p.m. ...	35	28	ond, ow	*	0.04	Eastbourne, to 6 p.m. ...			*		
Blackpool, to 9 p.m. ...	35	26	0	0.0	0.03	Bexhill-on-Sea, to 9 p.m. ...	36	31	g.c	0.0	-
Southport, to 9 p.m. ...	35	27	0	0.0	0.01	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...			*	0.0	-	Folkestone, to 6 p.m. ...	34	30	0	0.0	-
Colwyn Bay, to 6 p.m. ...	36	31	0	0.2	-	Ramsgate, to 6 p.m. ...	*	*	*	0.2	-
Llandudno, to 9 p.m. ...	35	30	0, c, o	0.5	-	Margate, to 6 p.m. ...	34	31	0	0.0	-
Bettws-y-Coed, to 6 p.m. ...					*	Felixstowe, to 6 p.m. ...	35	32	0	0.0	-
Towyn, to 6 p.m. ...	37	27	bc, b, c	1.5	-	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	38	27	*	2.5	-	Skegness, to 6 p.m. ...	37	35	c, b, bc	2.6	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	40	36	c	0.0	-
Torquay, to 6 p.m. ...	36	31	*	0.0	-	Harrogate, to 6 p.m. ...	33	28	of, bc, c	0.0	-
Weymouth, to 6 p.m. ...	34	32	0	0.0	-	Buxton, to 6 p.m. ...	33	29	c, o, c, o	0.0	-
Bournemouth to 6 p.m. ...	33	31	0	0.0	-	Darwen, to 9 p.m. ...	38	27	ou, c, bc, b	0.0	-
Southsea, to 6 p.m. ...			*			Manchester, to 9 p.m. ...	37	31	ow, o	0.0	-
Worthing, to 6 p.m. ...	34	32	0	0.0	-	Birmingham, to 9 p.m. ...	35	31	o, c	0.0	-

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	63	43	r, r	Ins.	St. Petersburg ...	?	?	s, o	Ins.
Marseilles ...	52	37	b, o	0.39	Utrecht ...	28	19	b, m	-
Malta ...	54	45	r	0.36	Groningen ...	30	23	o, bc	-
Algiers ...	61	52	bc, bc	-	Geneva ...	30	*	o	Measured 7.30 a.m.
Tunis ...	55	37	bc, b	-	Berne ...	25	*	o	-
Palermo ...	55	37	b, b	-	Coire ...	25	*	b	-
Naples ...	50	40	b, b	-	Castasegna ...	34	*	bc	-
Brindisi ...	49	35	bc, b	-	Lugano ...	39	*	o	-
Florence ...	42	36	b, o	-	Davos ...	23	*	b	-
Rome ...	50	36	b, bc	-					
Vienna ...	27	18	o, b	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis-turb-ance.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
Suezania 4am	47N.	33W.	29.81	SSW	8-9	-	-	-	-	-
20th Jan. 7am	47N.	34W.	29.88	WNW	6-7	0	-	-	-	-
New York 3pm	46N.	36W.	30.26	WNW	4-5	-	-	-	-	-
20th Jan. 6pm	46N.	36W.	30.32	WNW	4-5	6	-	-	-	-
Kronland 10am	43N.	26W.	30.30	SSW	6-7	-	-	-	-	-
20th Jan. 11pm	48N.	26W.	30.34	SSW	6-7	-	-	-	-	-
Kronland 11am	48N.	30W.	30.43	NW	4-5	-	-	-	-	-
Kronland 11am	48N.	31W.	30.44	NW	4-5	6	-	-	-	-
21st Jan. 3pm	48N.	34W.	30.35	SSW	4-5	-	-	-	-	-
6pm	48N.	35W.	30.29	SE	4-5	6	-	-	-	-
Adriatic 4am	51N.	13W.	30.27	S	4-5	-	-	-	-	-
7am	50N.	16W.	30.23	S	4-5	bc	-	-	-	-
22nd Jan. 10am	51N.	17W.	30.23	SSW	4-5	-	-	-	-	-
3pm	50N.	19W.	30.17	SSW	6-7	0	-	-	-	-
6pm	50N.	19W.	30.03	SSW	4-5	-	-	-	-	-
Arabia 24th Jan. 7am	50N.	20W.	30.03	SW	4-5	6	-	-	-	-
H.M.S. 23rd Jan. Mid	46-3N.	7-4W.	30.14	S	4-5	6	-	-	-	-
" 24th Jan. 4am	46-47N.	6-52W.	30.13	NE	2	bc	47	45	51	2
" " 8am	47-30N.	6-20W.	30.11	ENE	2	c	46	45	50	2
							45	43	50	2

Barometer falling, wind steady.

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

24th & 25th Jan 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	7.49	12.5	4.21
Greenwich ...	...	7.48	12.5	4.22
Wick ...	...	7.52	12.12	4.32
Valencia ...	...	7.51	12.12	4.33
		8.38	12.24	4.11
		8.36	12.24	4.13
		8.35	12.53	5.11
		8.34	12.53	5.12

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

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

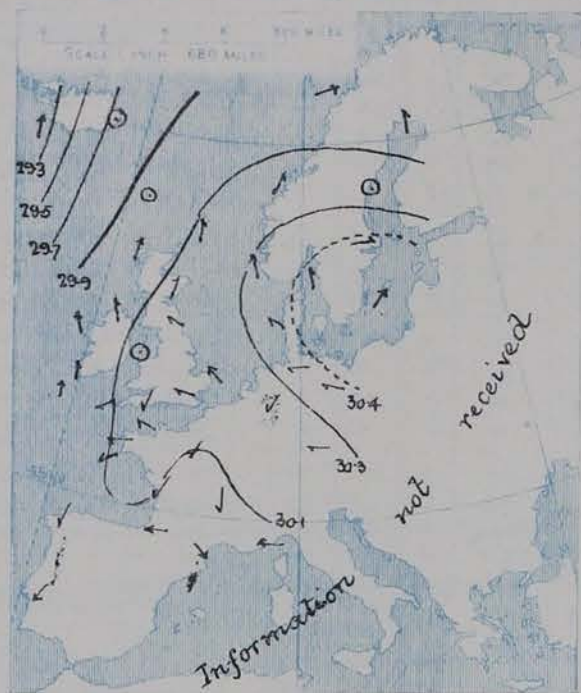
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday
25th January, 1909.

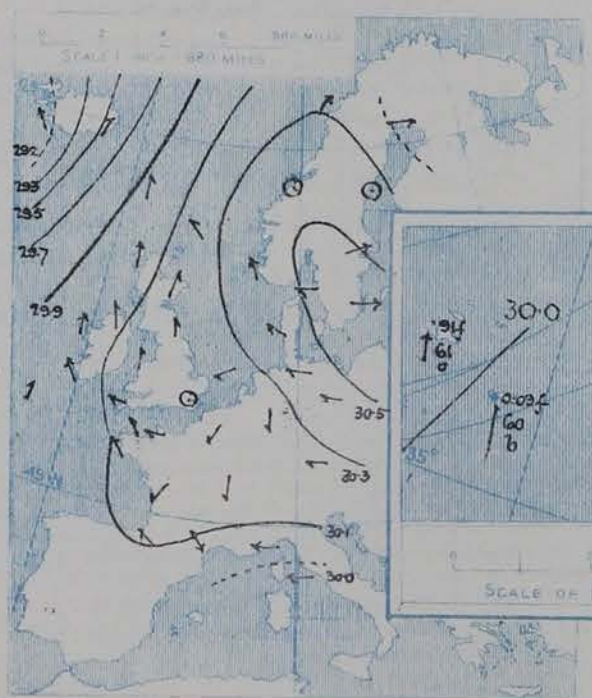
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun- shine.	Rainfall.		
At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Max.	Min.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	30.13	37	W	4	0	30.10	+15	32	31	+8	NNW	4	6	*	39	16	*	*	-	
	Hernösand ...	30.31	24	Z	0	6	30.34	+11	28	27	-3	Z	0	6c	*	36	19	*	*	-	
	Stockholm ...	30.47	27	W	4	0	30.46	+05	23	22	-5	W	4	C	*	34	23	*	*	-	
	Wisby...	30.50	32	SW	4	6	30.48	+04	32	30	+1	W	4	6c	*	32	27	*	*	-	
	Karlstad ...	30.53	28	Z	0	6c	30.54	+09	29	28	-2	Z	0	0	*	*	*	*	*	-	
	Færder (X'ania Fjord)																				
	Bodö ...	30.39	39	SW	6	7	30.30	+37	39	37	-2	W	1	6	1	41	36	*	*	-	
ICELAND & FAEROE.	Christiansund ...	30.38	37	Z	0	6	30.42	+19	34	30	-7	ESE	2	6c	4	41	32	*	*	-	
	Skudesnaes ...	30.42	36	SSE	4	0	30.40	+08	37	34	+2	SSE	4	C	3	37	32	C	*	-	
	Reykjavik ...	29.12	39	SE	5	7	29.32	+04	32	*	-6	Z	0	C	*	*	*	*	*	*	
	Blönduos ...	29.29	42	S	7	0	29.34	-12	36	*	-2	S	1	6c	*	*	*	*	*	*	
BRITISH ISLANDS.	Seydisfjord...	29.53	47	SW	3	0	29.32	-41	50	*	+17	S	8	r	*	*	*	*	*	*	
	Thorshavn ...	29.97	42	S	1	0	29.89	-06	42	*	0	S	6	0	*	*	*	*	*	*	
	Sumburgh Head	30.16	39	SE	3	0	30.14	+01	39	36	-1	SE	2	0	4	41	37	0	*	0.01	
	Stornoway ...	30.06	38	S	5	C	30.02	-03	41	41	-1	S	2	19	6	42	38	om, cm, rdp	0.0	0.01	
	Castlebay (Barra Id.)	30.04	43	SSE	4	ofamq	30.05	00	43	42	0	SSE	4	ofamq	6	44	39	om, cm, rdp	0.0	0.01	
	Malin Head ...	30.00	39	SSE	4	bcu	30.00	-02	37	37	+2	SE	6	ogm	3	40	34	bcu	*	-	
	Blacksod Pt. ...	29.95	45	S	5	C	30.00	+04	48	45	+5	S	5	0	4	49	40	bcu, om	*	-	
	Valencia ...	30.01	47	SE	5	0	30.05	+03	49	48	+7	S	4	op	4	49	41	cp, om, r	0.3	0.19	
	Roche's Point ...	30.10	44	S	3	6	30.17	+09	46	44	+3	SSW	5	0	5	46	43	om, G, om	*	-	
	Birr Castle ...	30.06	40	S	3	0	30.14	+03	40	39	+3	SSW	3	og	*	42	37	0	0.0	-	
	Donaghadee ...	30.12	39	SSE	3	r	30.24	+12	38	35	0	S	3	C	2	40	37	om, or, bc	*	0.01	
	Liverpool Obsy...	30.22	32	E	1	m	30.32	+17	27	26	-4	ESE	3	6	2	36	27	bcu, cm	3.5	-	
	Holyhead ...	30.16	35	S	1	cm	30.27	+15	35	35	+2	SSW	2	cm	1	37	33	bcu, cm	*	-	
	Pembroke (St. Ann's Rd.)	30.17	34	E	3	6	30.25	+13	41	38	+8	SSE	5	C	4	41	31	bcu, bcu, bc	0.5	-	
	Scilly (St. Mary's)	30.10	40	ESE	2	C	30.22	+13	40	37	+3	SE	4	0	3	43	36	C	6.1	-	
	Jersey (St. Aubins)	30.17	33	ESE	3	C	30.29	+17	32	31	-2	NE	1	6	1	36	26	O, C, bcu	2.0	-	
	Portland Bill	30.17	38	NE	3	0	30.30	+19	42	40	+9	SE	2	6c	2	42	32	C, O	0.2	-	
	Dungeness ...	30.18	40	NE	3	0	30.29	+15	28	28	-4	NNE	2	6c	2	40	25	O, bcu	0.0	-	
	Dover ...	30.30					30.30	+18	32	32	+2	NE	3	m	1	38	29	O, bcu, d, bc	0.9	-	
	Wick ...	30.10	37	S	2	6	30.11	+02	37	35	0	S	2	6c	2	39	34	-	*	-	
	Nairn ...	30.14	26	Z	0	6	30.12	+03	37	34	+10	WSW	2	C	1	37	24	6, bcu, bc	0.6	-	
	Aberdeen ...	30.19	37	SSW	1	0	30.23	+05	34	32	-1	SSW	2	0	2	38	33	C, O	0.1	-	
	Leith ...	30.17	36	S	1	C	30.25	+09	27	26	-7	SW	1	m	*	38	26	bcu, C, bcu	*	-	
	North Shields	30.24	33	S	2	0	30.30	+15	26	26	-12	S	1	CK	2	39	25	0	*	-	
	Spurn Head	30.24	34	S	3	6c	30.34	+22	33	33	-1	ESE	1	6	2	35	29	bcu, bcu	*	-	
	Yarmouth ...	30.23	36	ENE	2	om	30.36	+18	30	30	-3	NNW	2	f	3	37	30	O, om	5.0	-	
	Clacton-on-Sea	30.21	33	N	2	C	30.35	+18	31	30	0	NNW	2	6	1	35	30	C, O, bcu	0.0	-	
	Nottingham	30.25	27	SSE	1	6	30.35	+21	24	23	-6	SW	1	0	*	33	21	om, d, om	0.0	-	
	Bath ...	30.19	32	NE	1	m	30.35	+20	32	31	+1	NE	1	0	*	34	28	-	3.6	-	
	Oxford ...	30.29	29	ENE	2	0	30.40	+23	28	27	-3	NE	2	6m	*	33	28	O, bcu	*	-	
	London (St. James's Pl)	30.22	34	Z	0	0	30.33	+19	32	32	+1	NE	2	6m	*	36	28	C, O	0.0	-	
	GERMANY, & C.	The Scaw (Skagen)	30.50	28	E	1	6	30.50	+09	31	28	-1	SSE	1	0	0	34	27	*	*	-
Fanö ...		30.43	25	SE	4	6	30.41	+04	24	23	-2	SE	2	6c	*	30	23	*	*	-	
Cuxhaven†...		30.34	29	E	3	6	30.41	+09	21	20	-4	SE	1	6	*	29	14	*	*	-	
The Helder ...		30.28	32	E	3	6	30.38		25	23		E	1	m	0	34	25	*	*	-	
Brussels ...		*	*	*	*	*	30.31	?	21	21	-9	Z	0	f	*	41	19	*	*	-	
Berlin†...		30.43	26	ESE	2	6	30.49	+12	22	68	+2	ESE	1	6	*	30	19	*	*	-	
Frankfurt†...		30.27	28	N	3	6	30.36	+11	22	90	-1	N	3	6	*	32	21	*	*	-	
Munich† ...	30.26	20	E	2	6	30.38	+09	10	92	0	E	2	6	*	36	9	*	*	-		
FRANCE.	C. Gris Nez ...	30.17	34	E	1	0	30.33	+20	34	?	+8	E	3	6	2	36	26	*	*	-	
	La Hève ...	30.19	30	E	2	m	30.30	+13	32	32	+5	ENE	1	m	1	36	30	*	*	-	
	Brest ...	30.16	38	SE	3	0	30.30	+19	34	32	-4	ESE	2	6	1	43	32	*	*	-	
	Lorient ...	30.12	33	E	2	0	30.28	+20	32	32	0	ENE	3	0	1	37	32	*	*	-	
	Rochefort ...	30.14	33	NE	3	0	30.22	+12	36	?	+6	NE	2	0	*	36	30	0	*	-	
	Biarritz ...	30.12	39	SE	2	0	30.18	+13	34	32	+1	ENE	3	0	2	41	33	*	*	-	
	Paris ...	30.17	34	NE	2	6c	30.28	+19	24	24	-7	NNE	1	6	*	38	24	*	*	-	
	Belfort...													*		*	*	*	-		
	Lyons ...	30.13	31	N	1	0	30.25	+12	27	27	-3	N	1	f	*	35	26	*	*	-	
	Nice ...	30.08	44	E	4	C	30.15	+08	36	32	-10	E	2	6	4	50	36	*	*	-	
SPANISH PENIN.	Perpignan ...	30.02	40	NW	3	0	30.11	+13	36	34	-3	NW	3	S	*	44	33	*	*	-	
	Sanguinaire ...	29.95	48	E	4	6	29.97		50	49		NE	1	m	2	55	46	*	*	-	
	Corunna ...																				
SPANISH PENIN.	Lisbon ...	30.09	46	N	4	6	30.21	+24	42	37	-4	NNE	2	6	*	52	41	*	*	-	
	Azores (P. Delgada)...	30.04	60	SSW	4	0	30.03	+03	60	55	+5	S	5	6	*	61	55	*	*	-	
	„ Horta ...	29.93	60	SSW	4	C	29.91	-03	61	58	+2	S	5	0	4	63	59	*	*	0.43	

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

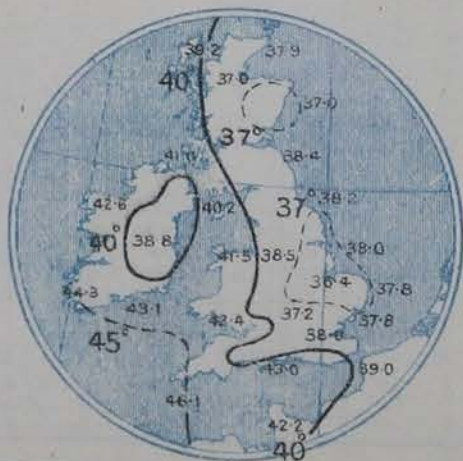
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

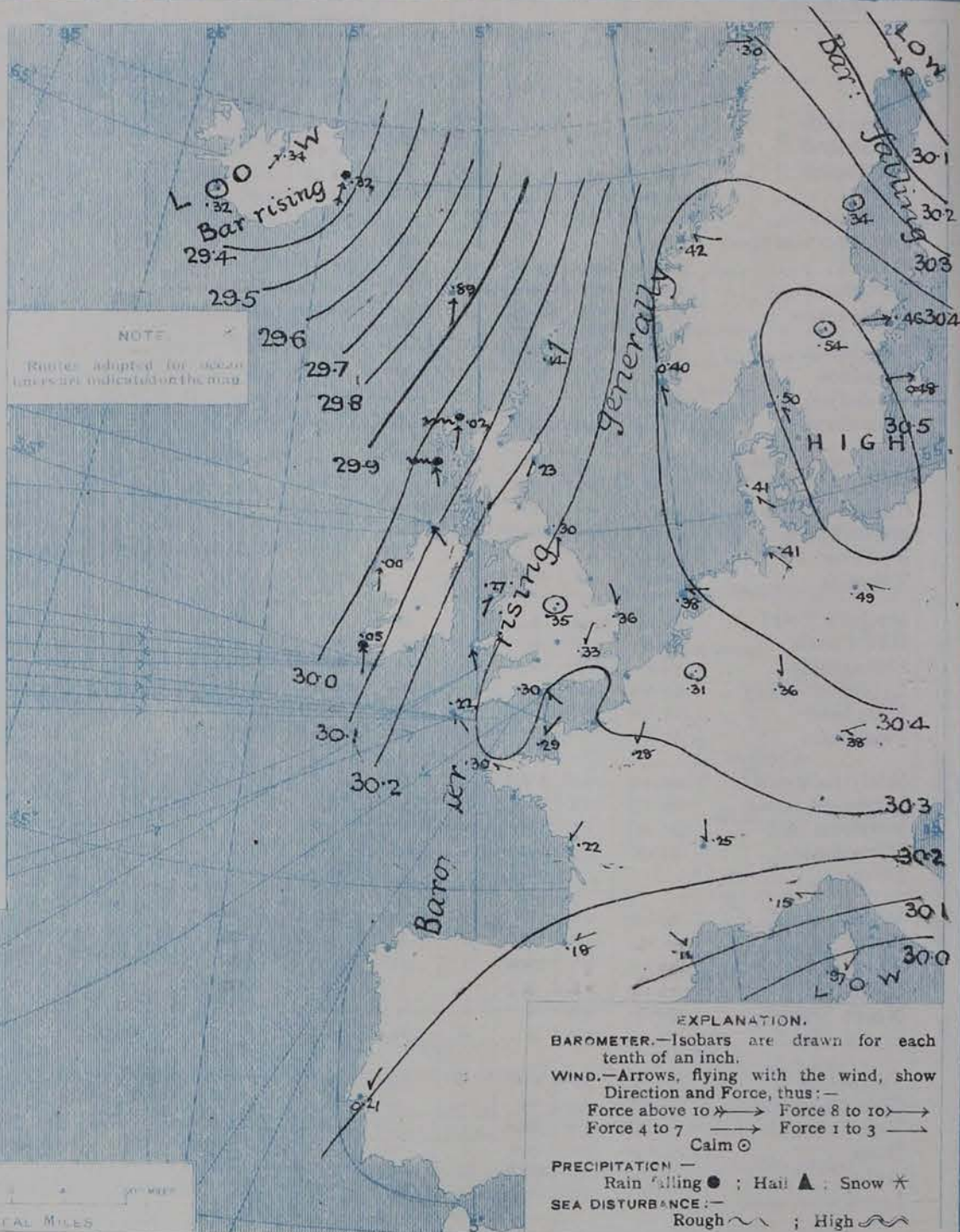


Monday.

WEATHER

25th Jan. '09

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

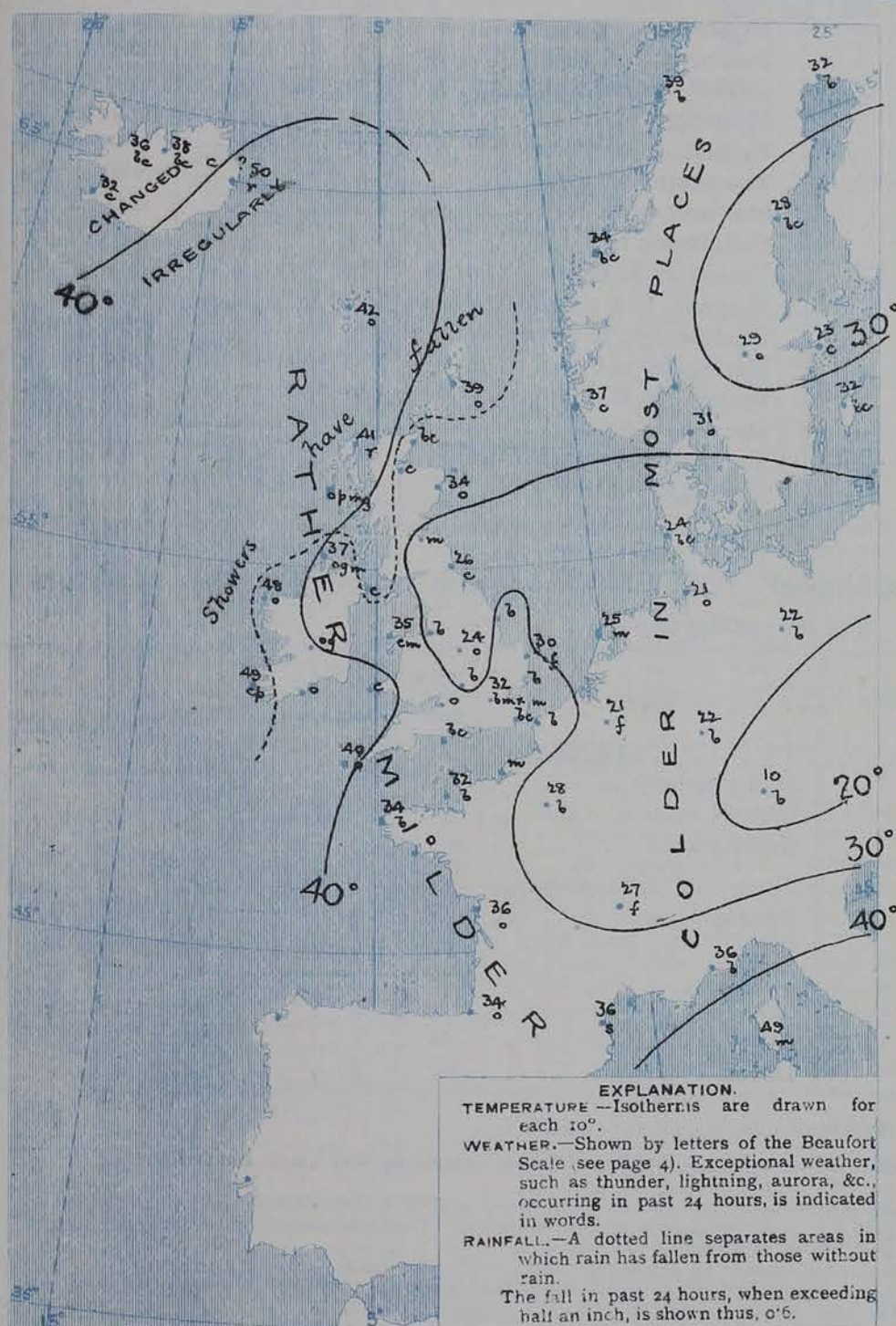
The anticyclone recently noticed over Western Europe is increasing both in size and intensity, and over the Baltic and the south of Sweden the readings of the barometer are now above 30.5 ins. A deep depression, in which readings are below 29.3 ins., is passing across Iceland, and between that island and the Faeroes the barometric gradient for southerly winds is steep.

The wind is light from the Northward or North-Eastward in the south and east of England and over the greater part of France, but is southerly on all our western and northern coasts, and strong or high in force in the Hebrides and the north of Ireland. Temperature has risen somewhat on the west coast of these Islands and France, but has fallen in nearly all other regions. Frost now prevails over nearly the whole of England, and sharp frost over the more central parts of the Continent. The weather is fair or fine over western Europe as a whole but misty or foggy in the south-east of England, and in some parts of Belgium and central France. Showers are falling on our own extreme western coasts. The sea is slight or smooth generally, but rough round the Hebrides, and rather rough at Roches Point.

CHARTS

25th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

Over the greater part of England the thermometer yesterday failed to rise much above 35°, and at Ruxton and Blandford it did not reach the freezing point. Sharp frost occurred at night at many inland stations; at Oxford the thermometer on the grass fell to 19°, and in London to 24°. Over the country generally the amount of bright sunshine yesterday was very small, but on the Welsh coasts it ranged between 6½ and 7 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The Continental anticyclone will continue to expand westward, and will for the present dominate the weather over nearly the whole Kingdom. Southerly or South-Easterly winds will prevail in all but our south-eastern districts, and a further fall of temperature is likely to take place over Great Britain.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 } S^{ly} winds, fresh or strong; dull, un-
settled, some rain; becoming colder.
- 1 } S^{ly} and S.E.^{ly} winds, light; fair generally, but misty in places; colder.
- 2 } S^{ly} and S.E.^{ly} winds, light; fair generally, but misty in places; colder.
- 3 } S^{ly} to E^{ly} winds, light; fine in places, but chiefly misty or foggy; becoming colder.
- 4 } S^{ly} winds, moderate or fresh; some showers at first, then fair; colder.
- 5 } S^{ly} and S.E.^{ly} winds, moderate; fair generally, but misty in places; colder.
- 6 } S^{ly} winds, moderate or fresh; some showers at first, then fair; colder.
- 7 } S^{ly} and S.E.^{ly} winds, moderate; fair generally, but misty in places; colder.
- 8 } S^{ly} winds, moderate or fresh; some showers at first, then fair; colder.
- 9 } S^{ly} and S.E.^{ly} winds, moderate; fair generally, but misty in places; colder.
- 10 } S^{ly} winds, moderate or fresh; some showers at first, then fair; colder.

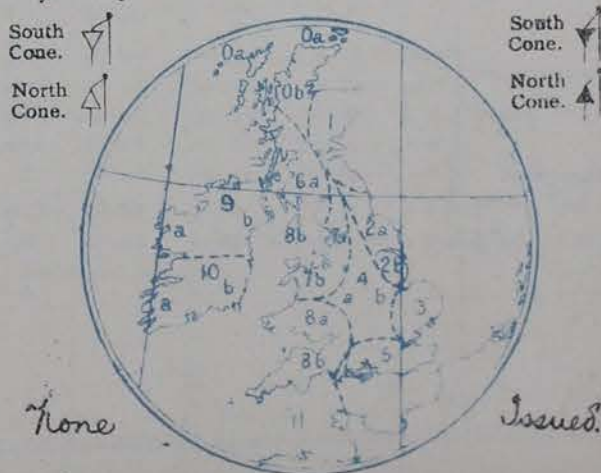
Same as No. 6.

II WESTERN CHANNEL AND BAY

Moderate S.E.^{ly} winds, and moderate sea mouth Channel and upper part Bay; light E^{ly} winds and slight sea further south. Weather generally fair.

FORECAST DISTRICTS.

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



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m. ...	41	37	og, d, c	*	-	Brighton, to 6 p.m. ...	36	30	*	0.1	-
Rossall Beach, to 6 p.m. ...				*	-	Eastbourne, to 6 p.m. ...	35	31	*	0.2	-
Blackpool, to 9 p.m. ...	38	25		2.5	-	Bexhill-on-Sea, to 9 p.m. ...	35	31	c	0.8	-
Southport, to 9 p.m. ...	35	23	2, bc, o	1.7	-	Hastings ...	*	*	*	0.1	*
Rhyl, to 6 p.m. ...	38	24	*	6.6	-	Folkestone, to 6 p.m. ...	37	27	bc, c	1.1	-
Colwyn Bay, to 6 p.m. ...	39	29	bc, b	6.8	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	31	26	o, b, bc	6.5	-	Margate, to 6 p.m. ...	39	26	s, o	0.0	-
Bettws-y-Coed, to 6 p.m. ...					*	Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m. ...	40	29	b	7.1	-	Lowestoft, to 6 p.m. ...	37	31	c, o, c	0.0	-
Aberystwyth, to 6 p.m. ...	35	26	*	7.0	-	Skegness, to 6 p.m. ...	34	32	c, bc, c	3.3	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	39	31		0.7	-
Torquay, to 6 p.m. ...	37	31	*	0.3	-	Harrogate, to 6 p.m. ...	33	28	c, om, bc, b	0.0	-
Weymouth, to 6 p.m. ...	34	30	m, o, om	0.2	-	Buxton, to 6 p.m. ...	30	25	o, os, o	0.0	-
Bournemouth to 6 p.m. ...	34	27		0.0	-	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...	37	31	*	1.0	-	Manchester, to 9 p.m. ...	34	27	of, o	0.0	-
Worthing, to 6 p.m. ...	35	30	o	0.0	-	Birmingham, to 9 p.m. ...					

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

STATIONS. 24th Jan. 1909	TEMPERATURE F.		WEATHER	RAIN.	STATIONS. 24th Jan. 1909	TEMPERATURE F.		WEATHER	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...			Observations not recd.	Ins.	St. Petersburg ...				Ins.
Marseilles ...					Utrecht ...				
Malta ...					Groningen ...				
Algiers ...									
Tunis ...									
Palermo ...									
Naples ...									
Brindisi ...									
Florence ...									
Rome ...									
Vienna ...									

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
			Ins.							
Dominion { 10 am	51 N	10 W	30.13	SSE	4-5	-	-	-	-	-
24th Jan. { 11 am	51 N	11 W	30.10	SSW	4-5	c	-	-	-	-
3 -	51 N	12 W	30.06	SSW	4-5	-	-	-	-	-
6 -	51 N	13 W	30.03	SSW	4-5	c	-	-	-	-
Arabia { 3 -	51 N	13 W	30.02	S	4-5	-	-	-	-	-
24th Jan. { 6 -	51 N	14 W	29.89	SSW	4-5	o	-	-	-	-
H.M.S. 24th Jan. 6 -	49-8' N	4° 23' W	30.16	SE	2	bc	40	38	49	1

Bar. rising slowly.

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

25th & 26th Jan. 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	7.48	12.5	4.22
Greenwich ...	7.47	12.6	4.24
Wick ...	7.51	12.12	4.23
Valencia ...	7.50	12.13	4.35
	8.36	12.24	4.13
	8.34	12.25	4.15
	8.34	12.53	5.12
	8.33	12.54	5.14

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

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

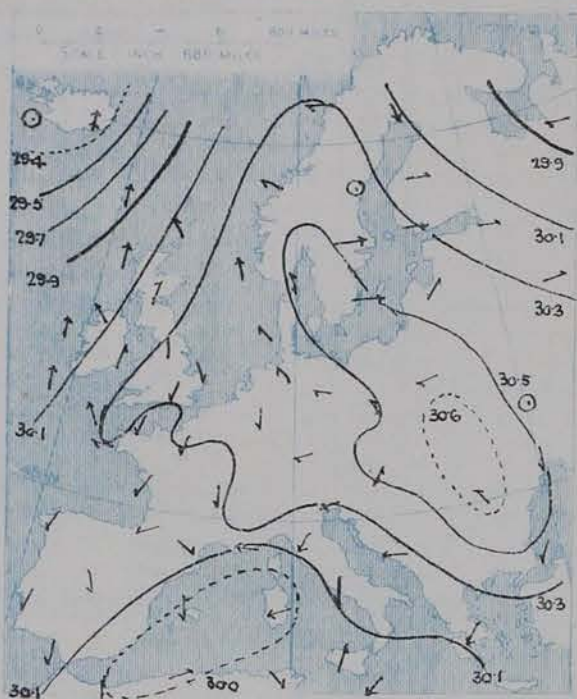
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,
26th January, 1909.

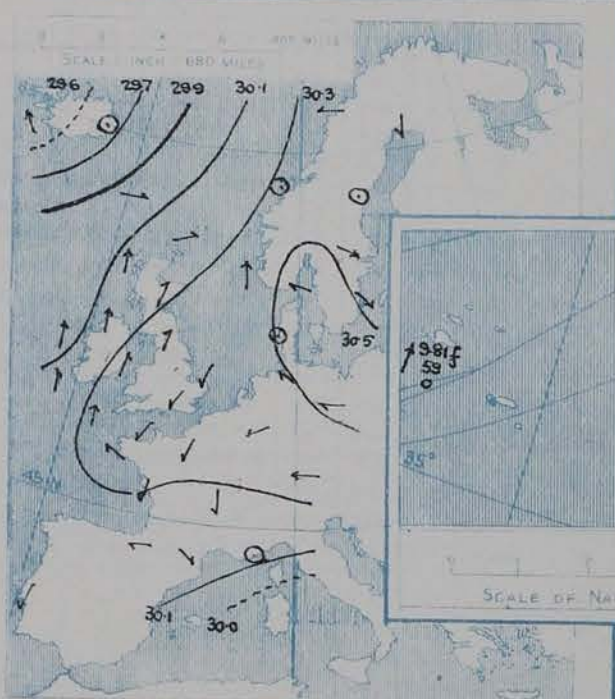
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.		
				At 32° Fahr. and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dir.	Force (0 to 12).				Max.	Min.
SCANDINAVIA.	Haparanda...	30.41	12	N	2	6	30.42	+32	6	6	-26	SE	2	0	*	37	26	*	*	-	
	Hernösand...	30.47	21	2	0	6	30.51	+17	21	21	-7	2	0	f	*	32	21	*	*	-	
	Stockholm...	30.47	22	WNW	4	6	30.49	+03	19	19	-4	NW	2	0	*	27	19	*	*	-	
	Wisby...	30.48	31	NW	4	6	30.46	-02	28	26	-4	NNW	4	0	*	34	28	*	*	-	
	Karlstad...	30.53	26	NW	2	0	30.54	-00	18	17	-11	2	0	0	*	*	*	*	*	-	
	Færder (X'ania Fjord)															*	*	*	*	*	-
	Bodö...	30.38	33	E	4	0	30.31	+01	33	31	-6	E	4	6	2	39	30	*	*	-	
ICELAND & FAEROE.	Christiansund...	30.32	35	2	0	6	30.35	-07	37	33	+3	2	0	C	3	37	30	*	*	-	
	Skudesnaes...	30.45	35	S	6	C	30.46	+06	37	36	0	SSE	4	0	3	37	34	6, C	*	-	
	Reykjavik...	29.54	31	SE	3	S	29.09	-123	38	*	+6	SE	9	r	*	*	*	*	*	-	
	Blönduos...	29.54	35	2	0	6	29.31	-03	40	*	+4	SSW	9	0	*	*	*	*	*	-	
	Seydisfjord...	29.61	33	2	0	6	29.77	+45	35	*	-15	2	0	6	*	*	*	*	*	-	
	Thorshavn...	29.97	43	W	3	C	30.06	+17	42	*	0	SW	4	r	*	*	*	*	*	-	
																*	*	*	*	-	
BRITISH ISLANDS.	Sumburgh Head	30.19	40	WSW	3	r	30.30	+16	43	42	+4	SE	2	C	3	44	37	0, r	*	0.05	
	Stornoway...	30.15	44	S	6	r	30.21	+19	45	45	+4	S	7	r	6	45	41	offag, ordag	0.0	0.08	
	Castlebay (Barra Id.)	30.16	46	S	4	omf	30.24	+19	46	46	+3	S	4	omf	5	47	42	omf, omf	0.0	0.13	
	Malin Head...	30.14	44	S	5	cm	30.22	+22	45	44	+8	SSE	4	cm	2	45	37	bc, cm	*	-	
	Blacksod Pt.	30.06	50	S	6	0	30.20	+20	51	49	+3	S	6	op	5	52	48	bc, cm, cm	*	0.04	
	Valencia...	30.18	50	S	3	om	30.26	+21	49	48	0	S	3	C	4	52	48	op, cm, or, 6	0.0	0.13	
																				-	
	Roche's Point...	30.27	48	S	6	0	30.36	+19	48	46	+2	S	4	0	4	48	46	omf, om	*	0.01	
	Birr Castle...	30.25	46	S	5	0	30.33	+19	46	44	+6	S	4	0	*	47	39	0	0.0	-	
	Donaghadee...	30.31	43	S	1	C	30.40	+16	45	43	+7	SSE	2	0	1	46	35	or, 6	0.0	0.01	
	Liverpool Obsy...	30.42	33	ESE	3	6	30.48	+16	27	25	0	SE	2	6	1	36	26	cm, 6	7.0	-	
	Holyhead...	30.36	41	SSW	5	6	30.44	+17	39	38	+4	SSW	3	C	2	43	35	C, 6	*	-	
	Pembroke (St. Ann's Hd.)	30.37	43	S	4	C	30.43	+18	44	43	+3	SSE	4	cm	4	45	40	C	4.2	-	
																				-	
	Scilly (St. Mary's)	30.33	42	S	4	C	30.39	+17	41	39	+1	S	3	C	3	46	36	C	6.2	-	
	Jersey (St. Aubins)	30.39	42	NE	2	6	30.44	+15	40	39	+8	NE	2	6	2	46	24	6, 6, 6	6.5	-	
	Portland Bill...	30.41	42	EHE	2	om	30.47	+17	35	34	-7	NNE	2	6	2	43	34	0, om	0.6	-	
	Dungeness...	30.38	38	NNE	2	6	30.45	+16	27	27	-1	NNE	2	f	2	42	23	6	5.8	-	
	Dover...	*	*	*	*	*	30.48	+18	30	29	-2	NNE	2	6	2	44	28	6, 6, 6	5.3	-	
																				-	
	Wick...	30.20	40	S	2	r	30.27	+16	40	39	+3	S	2	6	2	42	35	-	*	0.20	
	Nairn...	30.24	39	W	1	0	30.31	+19	40	38	+3	2	0	6	1	41	34	C, 0, or, 6	0.0	0.02	
	Aberdeen...	30.29	36	SSW	1	6	30.38	+15	37	36	+3	SW	1	6	2	37	31	C, 6, 6, 6	0.4	-	
	Leith...	30.33	37	W	1	C	30.42	+17	31	30	+4	2	0	m	*	39	26	om, C, 6	*	-	
	North Shields...	30.39	33	SSW	2	cm	30.45	+15	30	29	+4	SSW	2	C	2	35	24	6, cm, x	*	-	
	Spurn Head...	30.43	35	SSW	2	6	30.49	+15	32	32	-1	WSW	2	6	2	39	31	6, 6, x	*	-	
																			-		
Yarmouth...	30.43	36	NNE	2	6	30.49	+13	36	36	+6	NNE	2	6	3	41	30	6, 6	6.5	-		
Clacton-on-Sea...	30.43	37	N	2	6	30.50	+15	30	29	-1	NNW	2	m	1	42	28	6, 6, 6	6.4	-		
Nottingham...	30.44	31	S	1	6	30.52	+17	25	24	+1	SW	1	f	*	38	21	C, 6, 6, 6	2.3	-		
Bath...	30.44	39	NE	1	0	30.52	+17	29	29	-3	NE	1	m	*	39	28	-	0.0	-		
Oxford...	30.50	28	2	0	6	30.55	+15	23	22	-5	2	0	6	*	40	22	6, 6	*	-		
London (St. James's Pk)	30.43	40	NE	1	6	30.49	+16	32	32	0	NE	1	6	*	42	31	6	0.0	-		
																			-		
GERMANY, & C.	The Scaw (Skagen)	30.51	32	ESE	2	C	30.50	-00	30	28	-1	2	0	0	0	32	28	*	*	-	
	Fanö...	30.52	22	2	0	6	30.54	+13	26	25	+2	SE	2	m	*	28	21	*	*	-	
	Cuxhaven†...	30.49	30	SE	1	6	30.53	+12	23	26	+2	SE	2	6	*	34	21	*	*	-	
	The Helder...	30.47	32	ESE	1	6	30.51	+13	28	27	+3	NE	1	6	0	34	25	*	*	-	
	Brussels...	*	*	*	*	*	30.46	+15	20	20	-1	2	0	f	6	36	19	*	*	-	
	Berlin†...	30.52	28	E	1	6	30.54	+05	22	20	0	E	1	f	*	32	19	*	*	-	
	Frankfurt†...	30.42	30	ESE	3	6	30.47	+11	22	20	0	N	2	6	*	36	21	*	*	-	
Munich†...	30.39	21	E	4	6	30.46	+08	11	78	+1	NE	3	6	*	28	9	*	*	-		
																			-		
FRANCE.	C. Gris Nez...	30.38	40	NE	4	6	30.42	+09	33	30	-1	ENE	1	6	1	45	30	*	*	-	
	La Hève...	30.38	39	NE	2	m	30.45	+15	29	2	-3	NE	2	m	2	43	28	*	*	-	
	Brest...	30.39	40	SE	1	6	30.43	+13	33	36	+4	E	3	m	2	43	36	*	*	-	
	Lorient...	30.32	43	N	3	6	30.36	+08	39	38	+7	NE	4	6	2	46	32	*	*	-	
	Rochefort...	30.30	40	NNE	3	6	30.33	+11	33	29	-3	NE	3	6	*	45	28	6	*	-	
	Biarritz...	30.28	36	E	1	m	30.28	+10	39	37	+5	S	3	0	2	39	32	*	*	-	
																			-		
	Paris...	30.33	28	NNE	2	6	30.40	+12	21	20	-3	NNE	2	6	*	37	21	*	*	-	
	Belfort...																			-	
	Lyons...	30.29	26	N	1	f	30.31	+06	24	24	-3	N	1	0	*	27	23	*	*	-	
Nice...	30.16	38	2	0	6	30.20	+05	31	26	-5	E	3	6	5	46	28	*	*	-		
SPANISH PENIN.	Perpignan...	30.16	38	NW	3	0	30.23	+12	35	33	-1	NE	2	0	*	40	35	*	*	0.32	
	Sanguinaire...	29.98	52	NW	1	0	29.98	+01	45	45	-5	E	2	0	4	57	43	*	*	0.24	
																			-		
SPANISH PENIN.	Corunna...																			-	
	Lisbon...																			-	
	Azores (P. Delgada)...																			-	
	„ Horta...	29.82	59	SW	2	0	29.81	-10	59	57	-2	S	5	0	3	63	59	*	*	0.47	

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

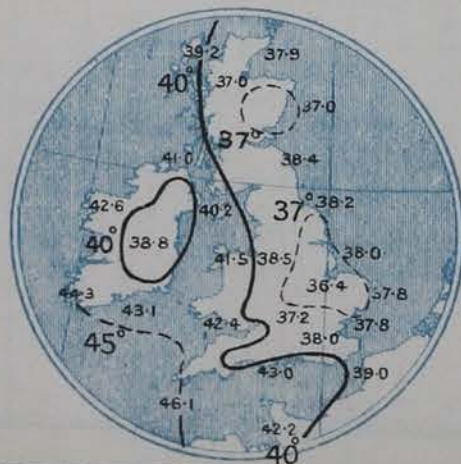
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

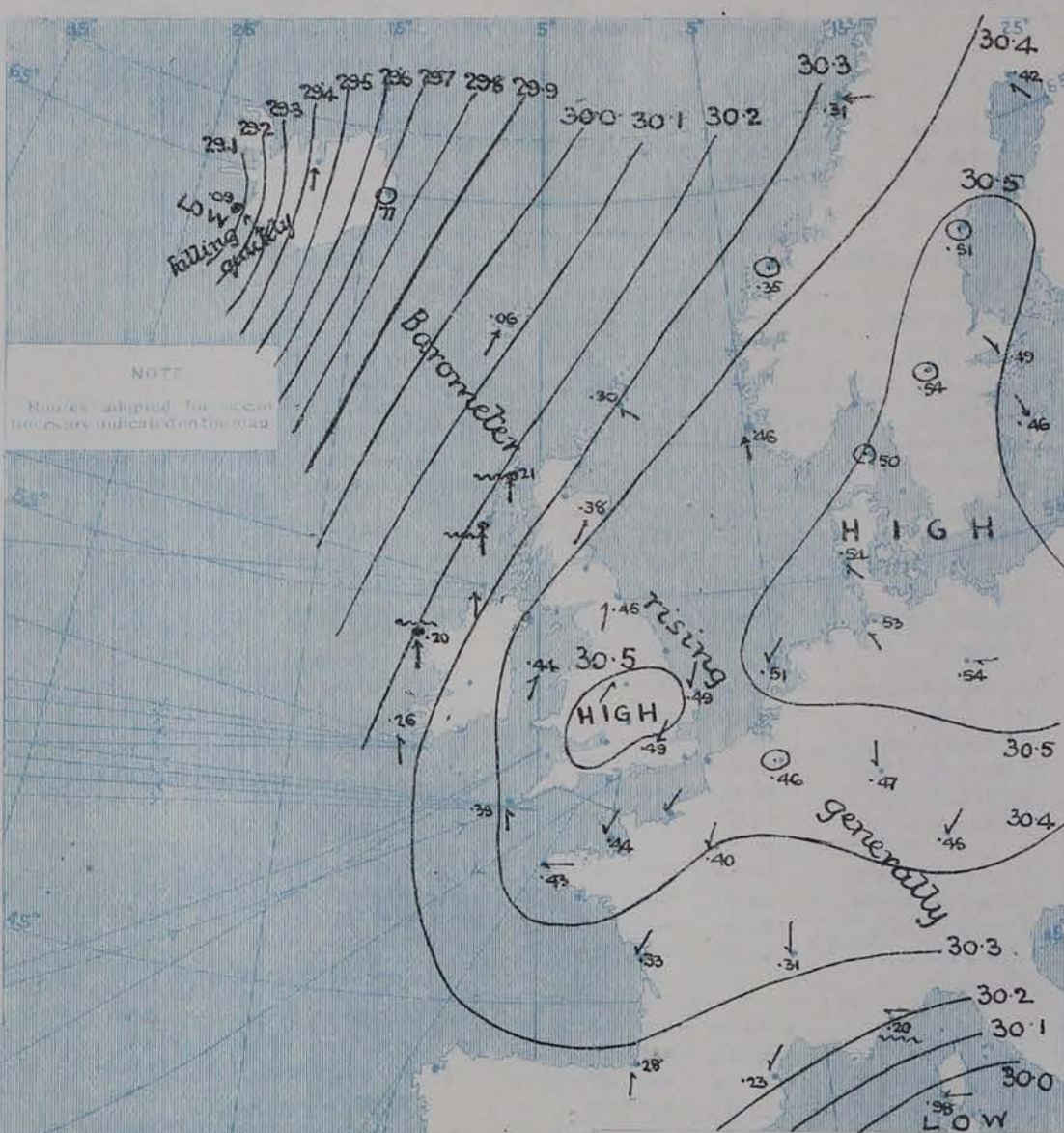


Tuesday

WEATHER

26th Jan.

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



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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

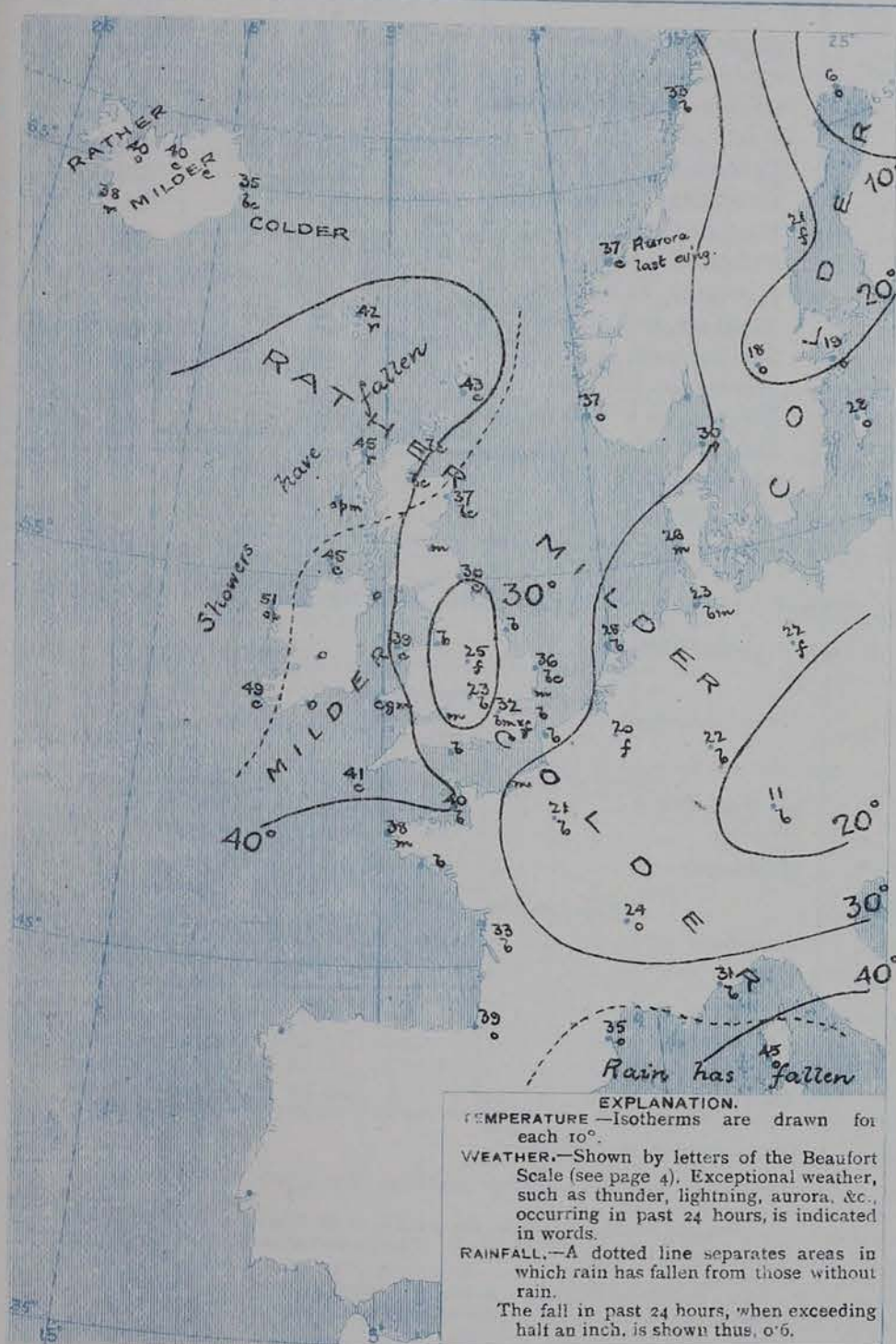
The continental anticyclone has extended westward, and now embraces the whole of Western and Central Europe. The barometer continues to rise in most places, and is now above 30.5 ins. over Central England, and also over Denmark, North Germany, and the greater part of Sweden. A new depression of considerable depth is approaching Iceland from the westward or south-westward.

The wind remains light from the Northward or North-Eastward in the south and east of England and in all the neighbouring parts of the Continent, but is southerly in the west and north of these Islands. In Scandinavia the direction is rather variable. Temperature has fallen somewhat in France and the south of England, but has risen at nearly all our more western and northern stations. Sharp frost prevails over Central England and the northern and central parts of the Continent, but in Ireland and the west of Scotland the thermometer is above 45°. The weather continues fair or fine over Western Europe as a whole, but is foggy or misty in places. Showers are falling in the west of Ireland, and steady rain in the Hebrides, and the Færie Islands. The sea is slight or smooth generally, but rough in the Minch, and rather rough off the north-west of Ireland.

CHARTS

26th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

Over Northern and Central England the thermometer yesterday failed to reach 40°, and at Harrogate it did not rise above 33°. Sharp frost occurred at night in many parts of Great Britain; in London the thermometer on the grass fell to 23°, and at Oxford to 15°. More than 6 hours of bright sunshine were recorded yesterday on the English and Welsh coasts, and more than 7 hours at stations in Sussex. Rain has fallen in Ireland and the west and north of Scotland. A bright aurora was seen last evening at Christiansund.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

There are no indications of any material change in the general conditions. The anticyclone appears to be well established, and will continue to influence the weather in all but our extreme northern and north western districts, where strong or high winds from the southward, and some rain will be caused by a new depression which is approaching Iceland. Over England the frost will continue for the present.

FORECASTS

For the 24 hours commencing at NOON TO DAY.

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

S^{ly} winds, strong or high in force; mild; unsettled, some rain.

Same as Nos 1 and 2.

S^{ly} and S^W winds, light; fair, frosty, mist or fog in places.

N^W to variable airs; fine in places, but chiefly misty or foggy. Frost continuing.

S^{ly} winds, moderate or fresh; cloudy, some showers; rather mild.

S^{ly} winds, light or moderate; fair generally, but misty in places; frosty inland.

Same as No. 6.

II WESTERN CHANNEL AND BAY

Light S^E winds mouth Channel and E^{ly} Bay, with a moderate or slight sea. Fair generally, but misty or foggy in places.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

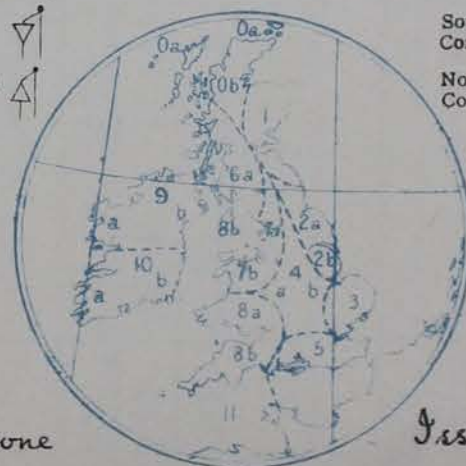
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



Tuesday, 26th January, 1909.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
	°	°		Hrs.	Ins.		°	°		Hrs.	Ins.
Dublin (City), to 4 p.m. ...	45	34	o, bz, c	*	-	Brighton, to 6 p.m. ...	44	31	*	7.3	-
Rossall Beach, to 6 p.m. ...	36	25	x, b, cm	*	-	Eastbourne, to 6 p.m. ...	44	30	*	7.2	-
Blackpool, to 9 p.m. ...	37	25	bm, c, o	5.1	-	Bexhill-on-Sea, to 9 p.m. ...	44	31	b	6.8	-
Southport, to 9 p.m. ...	38	25	b, c, b	5.1	-	Hastings	*	*	*	7.8	*
Rhyl, to 6 p.m.	40	24	*	6.7	-	Folkestone, to 6 p.m. ...	41	32	c, o, b	6.7	-
Colwyn Bay, to 6 p.m. ...			*			Ramsgate, to 6 p.m. ...	*	*	*	6.1	-
Llandudno, to 9 p.m. ...	36	26	bc, b, bc	6.5	-	Margate, to 6 p.m.	44	30		4.6	-
Bettws-y-Coed, to 6 p.m.	40	22	bc	5.0	*	Felixstowe, to 6 p.m. ...	42	31	-	6.2	-
Towyn, to 6 p.m.	42	27	b, bc	6.6	-	Lowestoft, to 6 p.m. ...	41	31	c, bm, bc	6.7	-
Aberystwyth, to 6 p.m. ...	38	32	*	6.0	-	Skegness, to 6 p.m. ...	40	26	b	6.5	-
Plymouth, to 9 p.m. ...	43	26	o, bc	0.3	-	Scarborough, to 9 p.m. ...	37	27	bc	4.6	-
Torquay, to 6 p.m.	42	31	*	0.0	-	Harrogate, to 6 p.m. ...	33	23	bc, m, bc	0.0	-
Weymouth, to 6 p.m. ...	41	32	f, c, cm	0.6	-	Buxton, to 6 p.m.					
Bournemouth to 6 p.m. ...	42	29	o	0.0	-	Darwen, to 9 p.m.	35	22	bm, m	4.4	-
Southsea, to 6 p.m.	44	33	*	5.8	-	Manchester, to 9 p.m. ...	39	25	c, bz, b	3.4	-
Worthing, to 6 p.m.	43	31	b	7.0	-	Birmingham, to 9 p.m. ...	39	26	c, b	1.7	-

STATIONS. 25th January 1909	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 25th January 1909	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira	63	43	c. bc	Ins.	St. Petersburg	32	28	o. o	Ins.
Marseilles	50	43	r. r	0.39	Utrecht	41	12	b. m	-
Malta	55	51	c	0.16	Groningen	34	19	b. m	-
Algiers	63	50	r. bc	0.04					
Tunis	55	43	bc. bc	-					
Palermo	58	38	b. b	0.08					
Naples	50	37	b. b	-					
Brindisi	not	received.							
Florence	43	33	b. bc	-					
Rome	48	30	b. b	-					
Vienna	30	12	b. f	-					

(a) The morning observations are at 7 a.m., western European time, (French Stations 8.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

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

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

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

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

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

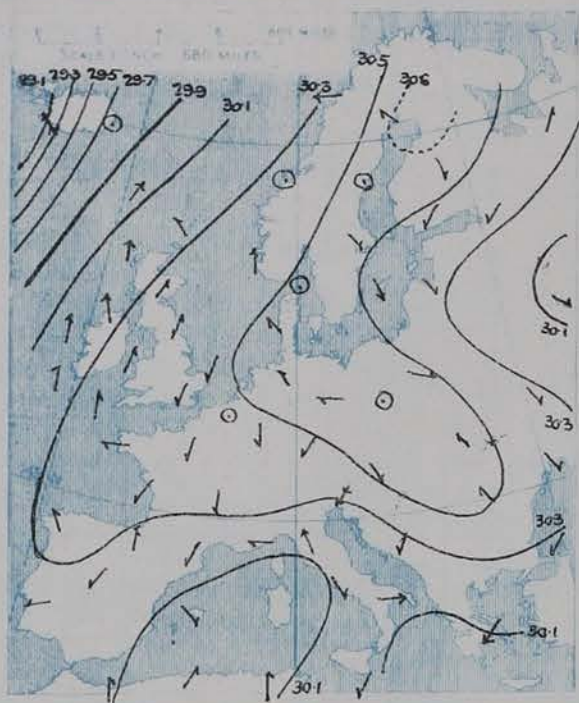
Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.																				
	Lat.	Long.		Direc.	Force.		Air.		Sea.																					
							Dry Bulb.	Wet Bulb.																						
	°	°	Ins.				°	°	°																					
<p>26th + 27th Jan 1909.</p> <table border="1"> <thead> <tr> <th></th> <th>Sunrise G.M.T.</th> <th>Noon G.M.T.</th> <th>Sunset G.M.T.</th> </tr> </thead> <tbody> <tr> <td>Yarmouth</td> <td>7.47 7.46</td> <td>12.6 12.6</td> <td>4.24 4.26</td> </tr> <tr> <td>Greenwich</td> <td>7.50 7.49</td> <td>12.13 12.13</td> <td>4.38 4.27</td> </tr> <tr> <td>Wick</td> <td>8.34 8.32</td> <td>12.25 12.25</td> <td>4.15 4.17</td> </tr> <tr> <td>Valencia</td> <td>8.33 8.32</td> <td>12.54 12.54</td> <td>5.14 5.16</td> </tr> </tbody> </table>												Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.	Yarmouth	7.47 7.46	12.6 12.6	4.24 4.26	Greenwich	7.50 7.49	12.13 12.13	4.38 4.27	Wick	8.34 8.32	12.25 12.25	4.15 4.17	Valencia	8.33 8.32	12.54 12.54	5.14 5.16
	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.																											
Yarmouth	7.47 7.46	12.6 12.6	4.24 4.26																											
Greenwich	7.50 7.49	12.13 12.13	4.38 4.27																											
Wick	8.34 8.32	12.25 12.25	4.15 4.17																											
Valencia	8.33 8.32	12.54 12.54	5.14 5.16																											
<p>TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.</p>																														
<p>METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W. W. N. SHAW, (Director.)</p>																														

(Wednesday,
(27th January, 1909.

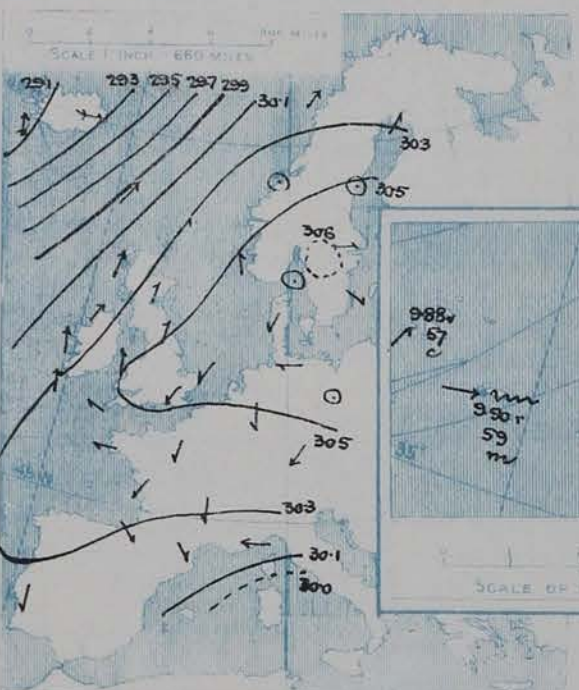
11.40

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

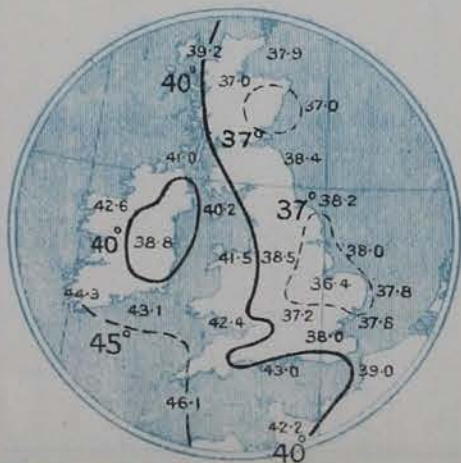
7 A.M. YESTERDAY



6 P.M. YESTERDAY

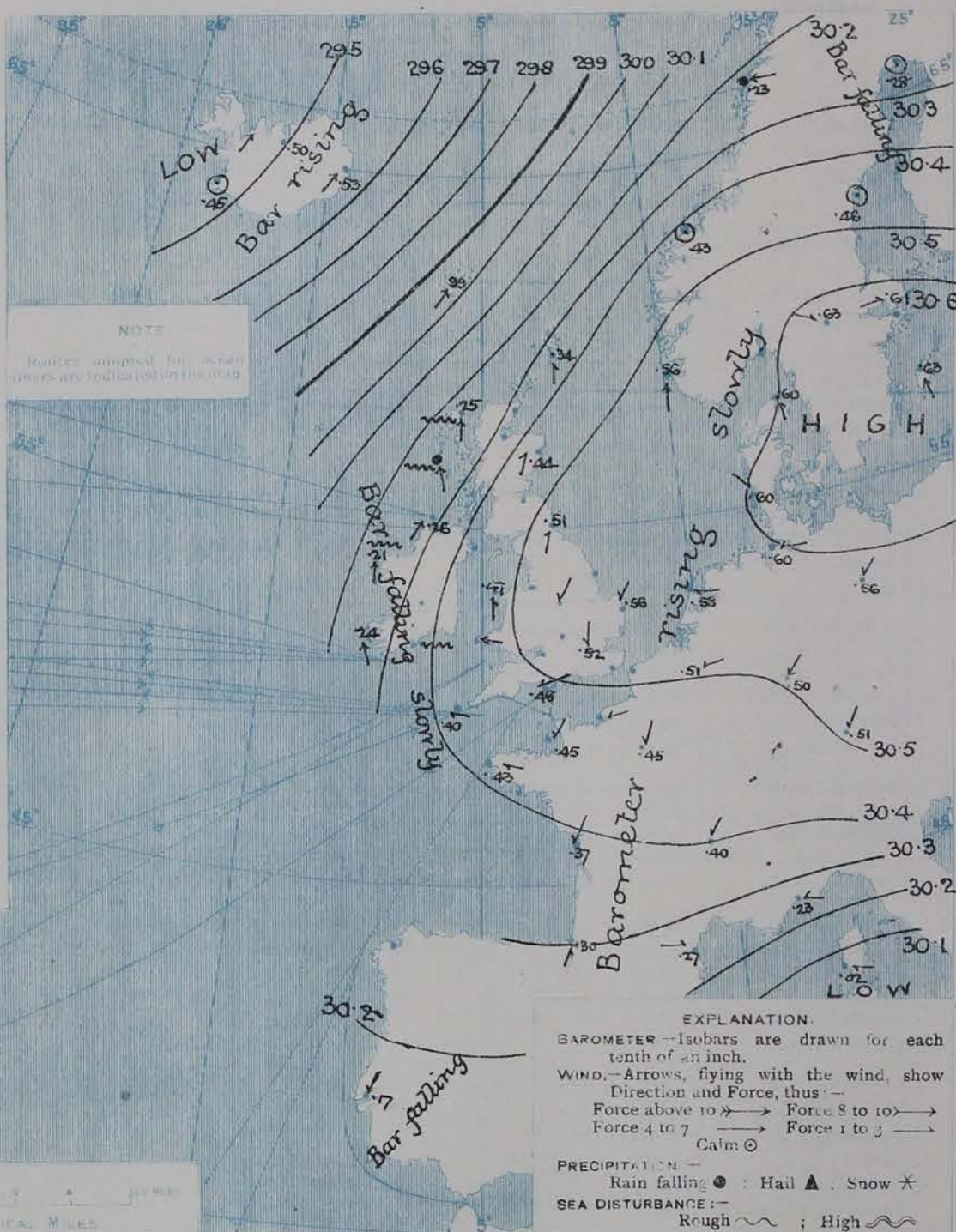


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO MONTHLY PERIOD
JANUARY - FEBRUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Wednesday, WEATHER 27th Jan

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

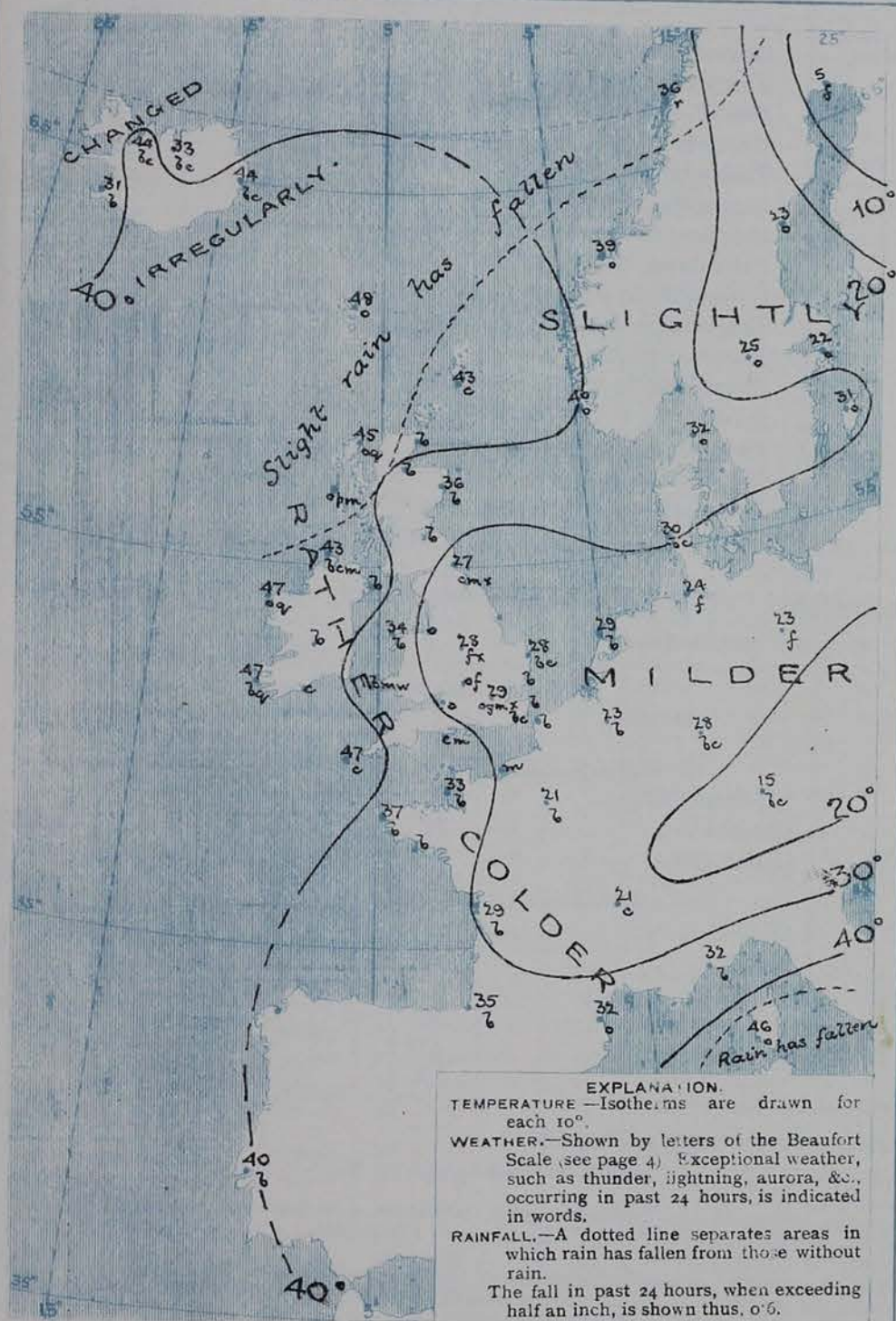
A large anticyclone continues to extend from the Baltic region to this country, and a large cyclonic system which was approaching Iceland yesterday has moved away north-eastwards. Pressure is at present either stationary or rising slightly except on the south-west coasts of these Islands, where a slight fall is reported. The readings range from above 30.6 ins. over the Baltic and the surrounding regions to below 30.3 ins. in the west of Ireland, and to below 29.6 ins. in Iceland.

A southerly current of wind prevails over Ireland, Scotland, and between the latter country and Iceland; it blows strongly at Malin Head, and is high at Stornoway, Thorshavn and Leydisfjord. Over the greater part of England and in France and Germany the wind is light and mainly from the eastward. Temperature continues low except in Ireland and the west and north of Scotland. Over these Islands it ranges from 47° at Valencia and 46° at Castlebay to below 32° over nearly the whole of England. The weather is foggy or misty in several parts of England, but at nearly all stations in Ireland and Scotland, and also on the coast of Wales it is fine and bright. Fine weather also prevails over the major portion of France and Germany, but in Scandinavia the sky is overcast.

CHARTS

27th January, 1909

2 TEMPERATURE AND WEATHER AT 7 A M TO DAY



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer only rose to 28° at Nottingham, and failed to touch 40° in many other parts of England. During the night the temperature fell to 22° at Nottingham and Oxford, and at the latter station the temperature on the grass was 15°. Frost was experienced generally over England, and hard frost in most parts of the Continent. The duration of bright sunshine was very large at most stations on the east and south coasts of England and also in Wales, some places recording more than 7 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

There are at present no indications of any important modification in the distribution of pressure, and the general character of the weather will therefore undergo little alteration during the ensuing twenty-four hours.

FORECASTS

For the 24 hours commencing at NOON TO DAY.

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

0 } S^{ly} m. fresh to light; cloudy or drizzle, some showers; moderate temperatures.

1 } Slight S^{ly} winds; generally fair; temperatures low.

3 } Wind light and mainly from E. or N.E.; a good deal of fog or mist, otherwise fair; temperature low, frost in most places.

6 } S^{ly} winds, light or moderate; mostly fair, some mist; moderate to rather low temperature.

7 } S.E. or E. winds, light; generally fair or fine, some mist or fog; cold.

8 } E. or S.E. winds, light or moderate; generally fair or fine, some mist or fog; cold. Frost inland.

9 } S^{ly} winds, fresh in west; mostly fair or fine, some showers on west coast; moderate to rather low temperature.

11 WESTERN CHANNEL AND BAY

Light to moderate E. winds; sea slight; fair or fine generally, but some fog or mist.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

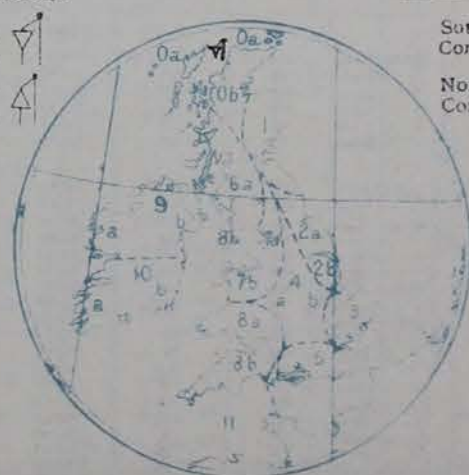
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



DAILY WEATHER REPORT.

Wednesday, 27th January 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	49	34	c, o, b, bc	*	-	Brighton, to 6 p.m. ...	41	33	*	5.1	-
Rossall Beach, to 6 p.m....	37	26	x, c, b, om	*	-	Eastbourne, to 6 p.m. ...	40	31	*	5.1	-
Blackpool, to 9 p.m. ...	38	25	cm	2.4	-	Bexhill-on-Sea, to 9 p.m. ...	41	31	x, b	4.8	-
Southport, to 9 p.m. ...	37	24	c, o, b	2.8	-	Hastings ...	*	*	*	2.6	*
Rhyl, to 6 p.m. ...	45	26	*	7.2	-	Folkestone, to 6 p.m. ...	42	29	bm, b	7.3	-
Colwyn Bay, to 6 p.m. ...	45	27	b, m, bc	7.1	-	Ramsgate, to 6 p.m. ...	*	*	*	7.5	-
Llandudno, to 9 p.m. ...	37	31	bc, b, bc	6.5	-	Margate, to 6 p.m. ...	43	36	b	7.3	-
Bettws-y-Coed, to 6 p.m. ...	42	25	c, b	4.2	*	Felixstowe, to 6 p.m. ...	42	30	-	6.8	-
Towyn, to 6 p.m. ...	48	34	c, bc, b	1.9	-	Lowestoft, to 6 p.m. ...	40	31	b, bc, bc	6.7	-
Aberystwyth, to 6 p.m. ...	45	35	*	2.5	-	Skegness, to 6 p.m. ...	40	26	b	6.2	-
Plymouth, to 9 p.m. ...	46	36	b, br	7.3	-	Scarborough, to 9 p.m. ...	35	24	c	3.0	-
Torquay, to 6 p.m. ...	42	32	*	7.2	-	Harrogate, to 6 p.m. ...	36	21	bm, bc	2.0	-
Weymouth, to 6 p.m. ...	37	33	f, b	7.2	-	Buxton, to 6 p.m. ...	37	17	b, bc, b	5.1	-
Bournemouth to 6 p.m. ...	36	28	f, b, m	2.1	-	Darwen, to 9 p.m. ...	36	26	bm, cm	2.6	-
Southsea, to 6 p.m. ...	37	28	*	3.5	-	Manchester, to 9 p.m. ...	35	24	b, bc, bc	3.6	-
Worthing, to 6 p.m. ...	41	30	m, c, b	4.8	-	Birmingham, to 9 p.m. ...	40	29	bm, b	3.1	-

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

STATIONS. 26th January 1909	TEMPERATURE F.		WEATHER	RAIN. Ins.	STATIONS. 26th Jan. 1909	TEMPERATURE F.		WEATHER	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	61	46	bc, b	Ins.	St. Petersburg ...	?	14	o, s	Ins.
Marseilles ...	54	32	c, c	-	Utrecht ...	32	16	b, m	0.75
Malta ...	57	50	b	0.04	Groningen ...	36	19	b, m	-
Algiers ...	55	45	c, bc	0.12	26th Jan. 1909, 1.30 p.m.				
Tunis ...	54	37	bc, c	-	Geneva ...	27	*	o	Measured 7.30 a.m.
Palermo ...	not received				Berne ...	19	*	m	-
Naples ...	46	37	o, r	0.08	Coire ...	25	*	b	-
Brindisi ...	50	35	bc, b	-	Castasegna ...	30	*	b	-
Florence ...	36	30	b, b	-	Lugano ...	37	*	b	-
Rome ...	43	33	r, f	0.43	Davos ...	23	*	b	-
Vienna ...	21	9	b, o	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- * AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
New York	41° 44' N	73° 39' W	30.45	W	1-3	b	o	o	o	
	43	39	30.37	W	1-3	b	-	-	-	
	43	42	30.17	W	1-3	b	-	-	-	
	43	43	30.15	W	4-5	b	-	-	-	
	41	43	30.16	WSW	4-6	b	-	-	-	
Lucania	42	44	30.19	WSW	6-7	o	-	-	-	
	44	41	30.32	SW	1-3	b	-	-	-	
	44	42	30.23	SE	4-5	b	-	-	-	
	44	38	30.20	WSW	4-5	o	-	-	-	
	44	39	30.21	W	4-5	o	-	-	-	
Kronland	41	41	30.23	N	4-5	o	-	-	-	
	42	42	30.20	ENE	4-5	bc	-	-	-	
	49	11	29.86	SSW	1-3	o	-	-	-	
	49	12	29.84	SSW	1-3	o	-	-	-	
	49	17	29.76	WSW	4-5	bc	-	-	-	
St. Louis	49	18	29.72	WSW	4-5	bc	-	-	-	
	48	21	29.68	SW	4-5	b	-	-	-	
	48	23	29.58	SW	4-5	b	-	-	-	
	50	15	29.95	SW	4-5	b	-	-	-	
	50	16	30.03	W	1-3	b	-	-	-	
Dopinion	50	19	30.05	SSW	4-5	o	-	-	-	
	50	19	30.04	S	4-5	o	-	-	-	
	50	12	30.01	SSW	6-7	b	-	-	-	
	50	14	30.27	WSW	1-3	b	-	-	-	
	50	22	29.92	S	4-5	b	-	-	-	
Zealand	49	23	29.85	SW	1-3	bc	-	-	-	
	49	23								

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

27th & 28th Jan. 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	7.46	12.6	4.26
Greenwich ...	...	7.44	12.6	4.28
Wick ...	...	7.49	12.13	4.37
Valencia ...	...	7.47	12.13	4.39
		8.32	12.25	4.17
		8.30	12.25	4.19
		8.32	12.54	5.16
		8.30	12.54	5.18

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

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

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday.
28 January, 1909.

28.5 January, 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.			
				At 32° Fahr. and M.S.L.	Dry Bulb.			Dirac.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.		Wet Bulb.	Change since Yesterday.				Dirac.	Force (0 to 12).	Max.	Min.
		Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	"	
SCANDINAVIA.	Haparanda...	30.30	2	SW	2	O	30.14	-14	27	25	+22	SW	2	O	*	327	1	*	*	-	
	Hernösand...	30.41	31	2	O	T	30.38	-08	29	28	+6	2	O	f	*	33	21	*	*	0.16	
	Stockholm...	30.48	27	W	2	O	30.44	-17	26	26	+4	WSW	2	S	*	327	21	*	*	0.04	
	Wisby...	30.55	32	W	6	g	30.47	-16	28	26	-3	WSW	3	S	*	34	27	*	*	0.04	
	Karlstad...	30.58	27	2	O	bc	30.49	-14	31	31	+6	2	O	f	*	*	*	*	*	-	
	Færder (X'aula Fjord)																				
	Bodö...	30.17	43	SW	5	T	30.13	-10	41	40	+5	SW	5	T	3	43	32	*	*	0.55	
	Christiansund...	30.43	39	2	O	C	30.26	-17	33	33	-6	SE	1	bc	4	41	33	*	*	-	
	Skudesnaes...	30.51	40	SSW	4	O	30.37	-19	38	36	-2	SSE	4	O	3	41	36	*	*	-	
ICELAND & FAEROE.	Reykjavik...	29.37	34	E	1	C	29.40	-105	32	*	+1	N	4	G	*	*	*	*	*	*	
	Blönduós...	29.49	33	S	1	O	29.36	-12	32	*	-12	SSE	1	3	*	*	*	*	*	*	
	Seydisfjord...	29.52	34	NE	1	S	28.96	-57	39	*	-5	2	O	T	*	*	*	*	*	*	
	Thorshavn...	29.97	46	SW	6	O	29.70	-29	44	*	-4	SW	4	C	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	30.27	42	S	3	G	30.06	-28	42	39	-1	S	4	G	5	46	41	G	*	-	
	Stornoway...	30.13	45	S	6	C	29.96	-29	44	44	-1	S	7	T	6	46	42	C, bc, cgm, gdp	2.1	0.12	
	Castlebay (Barra Id.)	30.15	46	SSE	6	bc	30.00	-28	45	44	-1	SW	4	of	5	47	44	om, cm, cm, gdp	2.2	0.12	
	Malin Head...	30.10	41	S	5	bc	30.01	-25	43	43	0	SW	6	ogm	3	46	39	bc, cm, gdp	*	-	
	Blacksod Pt. ...	30.07	47	S	6	cg	30.04	-17	45	44	-2	SW	2	C	5	49	44	bc, cm, gdp	*	0.65	
	Valencia...	30.14	48	SSE	5	og	30.03	-21	50	49	+3	S	4	T	4	50	46	C, og, cr	1.4	0.15	
	Roche's Point...	30.27	47	S	6	bc	30.22	-14	48	47	+2	SW	6	O	6	48	46	cm, c, bc	*	-	
	Birr Castle...	30.23	43	SSW	5	bc	30.15	-19	46	45	+6	SSE	4	ora	*	47	39	bc	4.5	0.01	
	Donaghadee...	30.35	40	SW	2	bc	30.23	-20	43	42	+1	SSW	3	C	3	45	38	bc, bc, bc	*	-	
	Liverpool Obsy...	30.45	26	SSE	4	m	30.36	-14	24	22	-3	ESE	3	C	2	30	23	bc, m	1.9	-	
	Holyhead...	30.38	42	SSW	3	G	30.32	-15	41	40	+7	SSW	4	bc	3	46	34	G	*	-	
	Pembroke (St. Ann's Hd.)	30.38	39	SE	4	G	30.32	-14	44	41	+10	SSE	5	ogw	4	44	33	bc, m, bc	6.3	-	
	Scilly (St. Mary's)	30.34	46	SSE	4	C	30.28	-12	45	42	-2	SSW	3	C	3	49	44	C	6.0	-	
	Jersey (St. Aubins)	30.41	38	E	3	G	30.40	-05	28	27	-5	ESE	2	G	2	44	26	bc, m, bc	7.8	-	
	Portland Bill...	30.42	43	ENE	3	bc	30.40	-08	37	36	+3	NE	2	bc	3	44	33	G, bc	3.7	-	
	Dungeness...	30.45	41	E	2	m	30.43	-05	34	32	-3	NNE	1	G	1	44	28	bc, bc	6.0	-	
	Dover...	*	*	*	*	*	30.46	-06	36	29	+1	NNE	2	G	1	44	28	G, bc	7.8	-	
	Wick...	30.24	42	S	2	bc	30.06	-24	42	40	+1	S	3	bc	3	45	39	-	*	-	
	Nairn...	30.26	41	W	1	G	30.09	-25	41	38	+6	SW	1	C	1	45	33	G, bc	6.3	0.01	
	Aberdeen...	30.37	37	SSW	1	G	30.23	-21	34	32	-2	SSW	2	bc	2	41	32	bc, bc	4.1	-	
Leith...	30.38	37	SSW	1	C	30.26	-19	31	29	-5	ENE	1	om	*	45	27	cm	*	-		
North Shields...	30.44	27	SSW	3	fx	30.34	-17	24	24	-3	SSW	3	bc	2	35	22	fx	*	-		
Spurn Head...	30.49	29	NNW	1	f	30.41	-13	23	23	-8	SSW	2	f	2	32	22	fx	*	-		
Yarmouth...	30.50	35	NE	1	bc	30.46	-10	29	29	+1	ENE	1	bc	2	40	27	bc	8.0	-		
Clacton-on-Sea...	30.50	38	ENE	2	G	30.45	-08	31	?	+1	NNE	2	G	2	43	29	G, bc	7.5	-		
Nottingham...	30.51	30	SE	1	f	30.45	-11	25	24	-3	SW	1	f	*	30	23	fx	0.0	-		
Bath...	30.49	29	NE	1	O	30.44	-10	23	23	-5	NE	1	m	*	34	22	-	3.4	-		
Oxford...	30.52	27	NE	1	f	30.47	-09	22	22	-7	2	O	f	*	30	21	of	*	-		
London (St. James's Pk)	30.49	28	2	O	fx	30.44	-08	30	30	+1	2	O	fx	*	34	27	f, fx	0.0	-		
GERMANY, &c.	The Scaw (Skagen)	30.58	31	SSW	3	O	30.49	-11	32	30	0	SW	2	m	0	32	30	*	*	-	
	Fanö...	30.60	27	SE	3	bc	30.56	-04	24	23	-6	SE	1	bc	*	34	23	*	*	-	
	Cuxhaven†...	30.58	23	E	3	O	30.54	-06	21	?	-3	SSE	2	f	*	30	21	*	*	-	
	The Helder...	30.55	26	E	3	f	30.50	-08	23	23	-6	SE	1	f	1	32	23	*	*	-	
	Brussels...	*	*	*	*	*	30.45	-06	20	20	-3	ENE	1	G	*	41	19	*	*	-	
	Berlin†...	30.58	27	NE	2	G	30.57	+01	22	98	-1	2	O	f	*	28	19	*	*	-	
	Frankfurt†...	30.44	32	N	4	G	30.46	-04	26	91	-2	NE	3	G	*	32	25	*	*	-	
	Munich†...	30.41	22	W	2	G	30.46	-05	14	94	-1	2	O	G	*	27	12	*	*	-	
FRANCE.	C. Gris Nez...	30.46	36	E	2	G	30.39	-09	30	30	+1	2	O	G	0	39	28	*	*	-	
	La Hève...	30.42	37	ENE	2	m	30.42	-05	30	?	+2	E	1	m	1	41	27	*	*	-	
	Brest...	30.38	40	E	1	G	?	?	36	34	-1	E	3	m	2	43	34	*	*	-	
	Lorient...	30.33	41	ENE	3	G	30.33	-06	33	32	0	ENE	3	G	2	45	32	*	*	-	
	Rochefort...	30.34	36	NE	3	G	30.38	+01	?	?	?	ENE	3	G	*	41	27	G	*	-	
	Biarritz...	30.26	42	N	3	O	30.36	+06	30	28	-5	E	3	G	2	43	27	*	*	-	
	Paris...	30.40	30	NNE	2	G	30.39	-06	21	21	0	NNE	2	G	*	41	21	*	*	-	
	Belfort...																	*	*	-	
	Lyons...	30.37	28	N	1	G	30.41	+01	24	20	+3	NE	1	O	*	32	21	*	*	-	
	Nice...	30.16	42	E	5	C	30.25	+02	38	36	+6	E	4	C	4	45	32	*	*	0.08	
Perpignan...	30.24	34	NW	2	O	30.25	-02	34	32	+2	W	4	S	*	38	32	*	*	0.12		
Sanguinaire...	30.03	48	SW	1	O	30.10	+08	50	46	+4	E	2	O	3	?	?	*	*	-		
SPANISH PENIN.	Corunna...																	*	*	-	
	Lisbon...	30.21	48	N	3	G	30.21	+04	41	39	+1	NE	1	G	*	52	39	*	*	-	
	Azores (P. Delgada)...	30.06	57	N	2	G	30.13	+23	56	53	-3	N	1	O	2	63	54	*	*	-	
" Horta...	30.04	59	W	3	O	30.07	+19	60	59	+3	SSW	4	f	2	61	59	*	*	-		

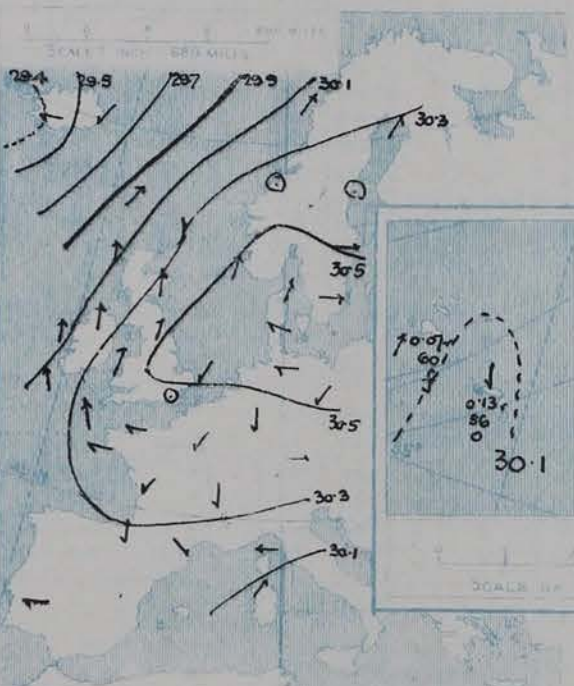
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

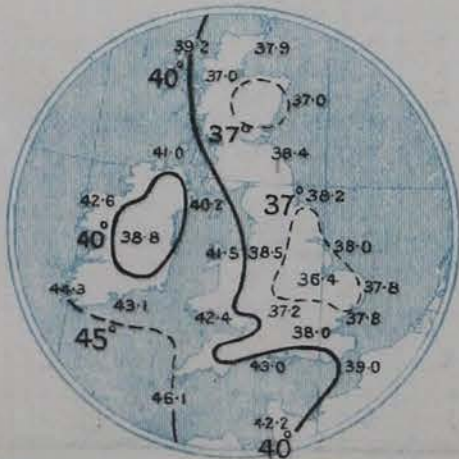
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

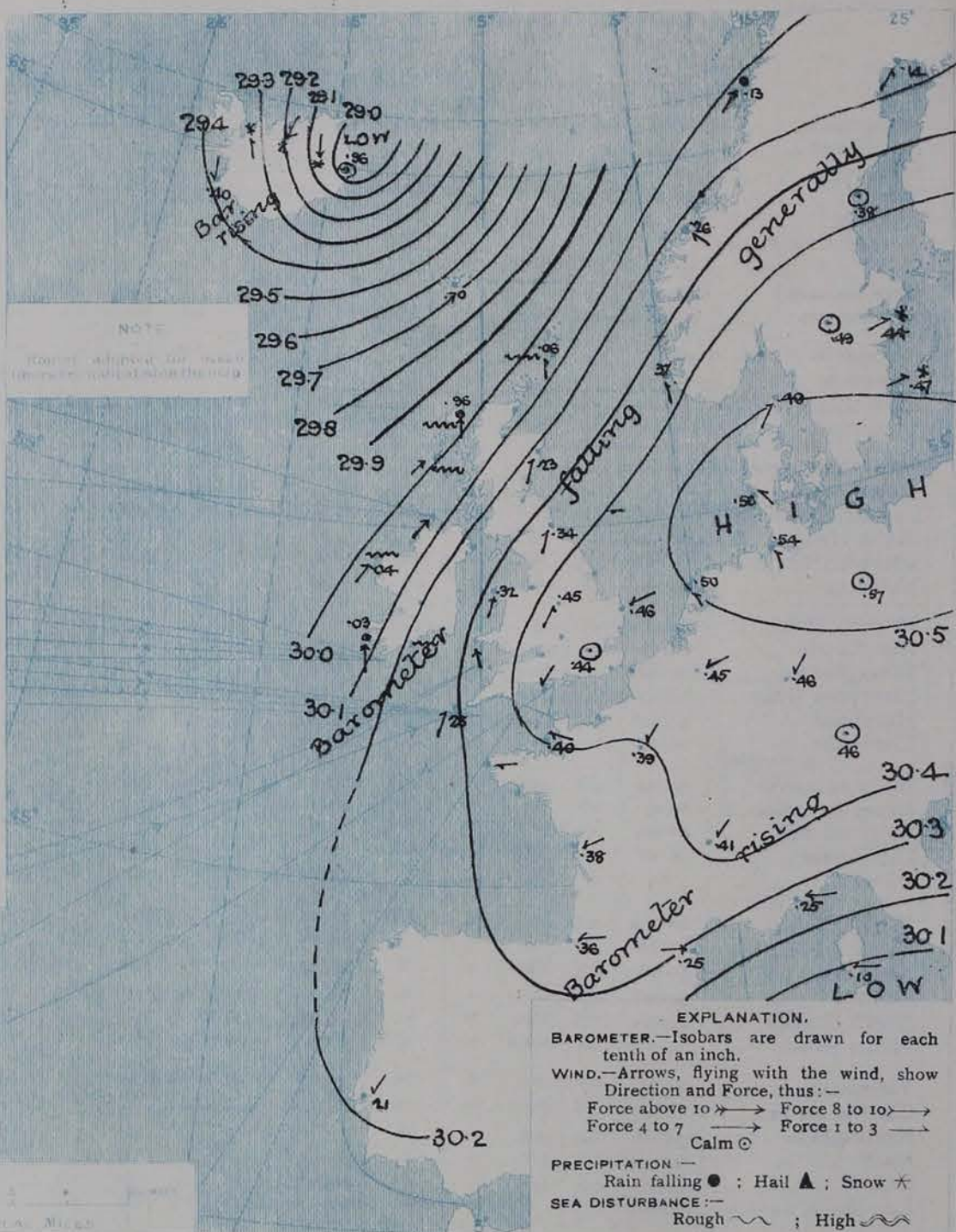


Thursday,

WEATHER

28th Jan'y.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

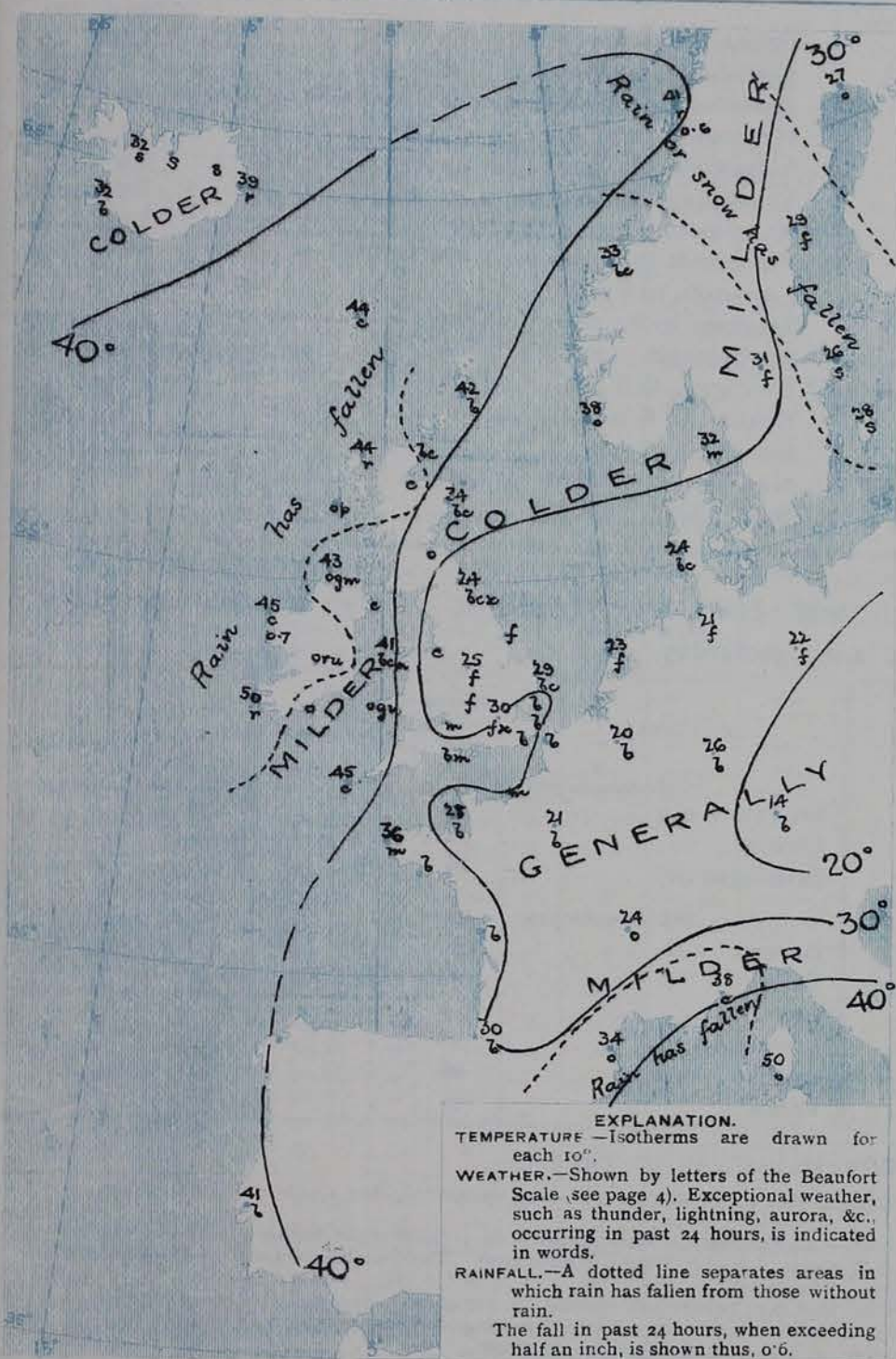
The barometer is falling except over the southern parts of France and Germany, where it is rising slightly, the readings are 30.5 ins. over the south of Sweden, the Baltic, Denmark, and the northern half of Germany, while they decrease to below 30 ins. off the west coast of Ireland and to below 28 ins. in a rather deep depression having its minimum near Seydisfjord (Iceland). The gradient for southerly winds is increasing slowly over our western and northern districts.

Slight variable or N.E. air continues general over Germany, France and the south-east and south of England, but in all the western and northern parts of the United Kingdom and between Scotland and Iceland there is a S.W. to S.W. current of wind which blows strongly on our extreme north-west coasts. Temperature has fallen in most parts of England and the east of Scotland, risen in Ireland, on the coast of Wales, and on the north-east coast of Scotland. Over the United Kingdom it ranges from 50° at Valencia to 31° at Seith, and is below 30° over the greater part of England. Rain is falling at Stornoway and in some parts of Ireland, and the sky is cloudy or overcast in many other western and north-western districts. Over Great Britain generally there is little cloud, but fog or mist is very prevalent inland and on some parts of the north-east coast of England. Snow is falling at Bortiquen, but in France generally and in most parts of Germany the weather is fine and bright. Rain is falling at Bodö and snow in the south-east of Sweden.

CHARTS

28th January, 1909

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



NOTES ON YESTERDAY'S WEATHER

Frost continued throughout yesterday in many parts of England away from the coast, and the minimum temperatures recorded during the night were again very low in many places. Rather heavy rain has fallen at Blackhead Point, and smaller quantities at Valencia and in the Hebrides. The duration of bright sunshine was extremely large on most parts of the east and south coasts of England, and on the coast of Wales; at Larnmouth the record was 8 hours. At places inland the day was mostly foggy or misty.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

A fall of the barometer now in progress will probably continue, and the centre of the anticyclonic system over the Baltic will take up a position farther to the southward. The southerly current of wind prevalent in the west of these Islands may be expected to extend to all districts within the course of the ensuing twenty-four hours.

FORECASTS

For the 24 hours commencing at
NOON TO DAY.

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

- 0 } S^{ly} and S.W. winds, fresh or strong; generally overcast, rain at times.
- 1 } S^{ly} winds, light or moderate to fresh; fair to dull, with some rain; milder.
- 2 } Light to moderate S^{ly} winds; very cold, with fog in places, then milder and mostly fair.
- 3 } Light variable E^{ly} winds or calms, with much fog inland, and mostly fine weather on coast; light S^{ly} winds later, with milder and generally fine weather.
- 4 }
- 5 }
- 6 } S^{ly} winds, freshening; cloudy to dull and some rain.
- 7 } S^{ly} winds, freshening; cold, then becoming milder; fair to unsettled.
- 8 } S.E. to S^{ly} or S.W. winds, light to moderate; fair and cold, then milder.
- 9 } S^{ly} and S.W. winds, fresh or strong, in places; generally cloudy or dull, some rain in most places, mild or moderate temperature.
- 10 }
- 11 WESTERN CHANNEL AND BAY
E^{ly} and S.E. winds, light or moderate; fair generally, some mist.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

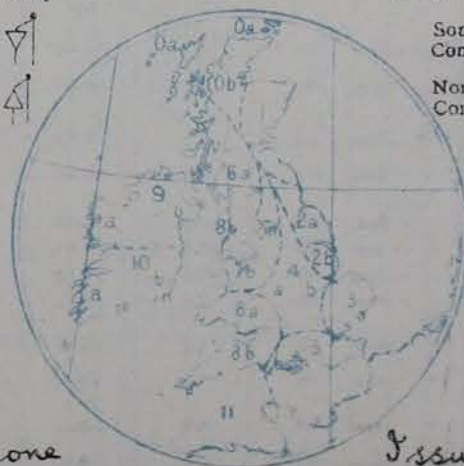
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	45	36	bc	*	-	Brighton, to 6 p.m.	43	30	*	6.9	-
Rossall Beach, to 6 p.m....	34	25	x, cm	*	-	Eastbourne, to 6 p.m.	42	37	*	6.8	-
Blackpool, to 9 p.m.	33	25	omf, cm	2.5	-	Bexhill-on-Sea, to 9 p.m.	43	29	x, b	6.3	-
Southport, to 9 p.m.	32	26	fo, b, c	2.0	-	Hastings	*	*	*	7.7	*
Rhyl, to 6 p.m.	38	26	*	7.8	-	Folkestone, to 6 p.m.	43	30	b, m, b	6.6	-
Colwyn Bay, to 6 p.m.	45	27	x, b, m	7.5	-	Ramsgate, to 6 p.m.	*	*	*	7.4	-
Llandudno, to 9 p.m.	37	31	b, x, bc	7.8	-	Margate, to 6 p.m.	38	31	b, bf	6.0	-
Bettws-y-Coed, to 6 p.m.						Felixstowe, to 6 p.m.	42	31		6.9	-
Towyn, to 6 p.m.	50	30	b	7.8	-	Lowestoft, to 6 p.m.	42	29	bc	7.8	-
Aberystwyth, to 6 p.m.	47	35	*	7.3	-	Skegness, to 6 p.m.	37	24	bf, f	8.1	-
Plymouth, to 9 p.m.	41	29	b	5.4	-	Scarborough, to 9 p.m.	34	24	of, of	0.0	-
Torquay, to 6 p.m.	40	29	*	0.4	-	Harrogate, to 6 p.m.	31	13	bc, m	0.0	-
Weymouth, to 6 p.m.	41	28	f, b	3.7	-	Buxton, to 6 p.m.	31	17	bf, b	5.1	-
Bournemouth to 6 p.m.	41	28	c, b, m	5.3	-	Darwen, to 9 p.m.	40	27	bc, m	5.0	-
Southsea, to 6 p.m.	36	26	*	5.0	-	Manchester, to 9 p.m.	33	21	bm, b, f	0.0	-
Worthing, to 6 p.m.	40	28	m, b	5.8	-	Birmingham, to 9 p.m.	32	25	om	0.0	-

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

STATIONS. 27th January 1909	TEMPERATURE F.		WEATHER	RAIN.	STATIONS. 27th January 1909	TEMPERATURE F.		WEATHER	RAIN.
	Max.	Min.				Max.	Min.		
Madeira	64	50	bc, o	Ins.	St. Petersburg	30	14	m, s	Ins.
Marseilles	46	30	o, b	-	Utrecht	39	18	b, m	-
Malta	59	47	bc	-	Groningen	36	19	b, m	-
Algiers	57	43	bc, c	0.43					
Tunis	57	37	o, c	-					
Palermo	53	37	b, o	-					
Naples	47	29	o, o	0.39					
Brindisi	49	34	b, b	-					
Florence	37	31	o, b	-					
Rome	37	36	o, o	0.75					
Vienna	27	16	b, b	-					

STATIONS. 28th January 1909	TEMPERATURE F.		WEATHER	RAIN.	STATIONS. 28th January 1909	TEMPERATURE F.		WEATHER	RAIN.
	Max.	Min.				Max.	Min.		
Geneva	27	*	b	-					
Berne	23	*	bc	-					
Coire	23	*	b	-					
Castasegna	28	*	b	-					
Lugano	36	*	b	-					
Davos	21	*	b	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
New York { 22nd Jan. 7am	41 N	47 W	30.35	NW	4-5	-				
" " 7am	41	49	30.34	NW	1-3	T				
St. Louis { 26th " 4am	47	27	29.53	WSW	6-7	-				
" " 7am	47	29	29.64	WNW	1-3	O				
Dominion { " 4am	49	22	29.86	SSW	4-5	-				
" " 7am	49	23	29.82	SSW	4-5	C				
" " 3pm	49	25	29.78	SSW	1-3	-				
" " 6pm	49	26	29.72	WSW	1-3	T				
Zeeland { " 10am	48	22	29.81	SSW	6-7	-				
" " 1pm	48	23	29.83	SSW	6-7	O				
Mytilene { " 3pm	43	26	29.41	S	8-9	-				
" " 6pm	48	27	29.23	SW	8-9	C				

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

	28th & 29th Jan 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.44	12.6	4.28		
Greenwich	7.42	12.6	4.30		
Wick	7.47	12.13	4.39		
Valencia	7.46	12.13	4.41		
	8.30	12.25	4.19		
	8.28	12.25	4.22		
	8.30	12.54	5.18		
	8.28	12.54	5.20		

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

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

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
29th January, 1909.

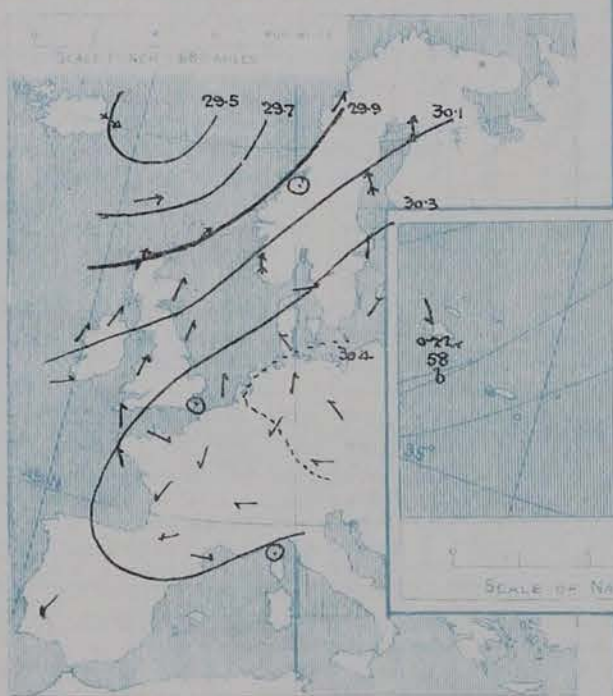
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.			Wind.						Temp.				
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
SCANDINAVIA.		Ins.					Ins.	Ins.												Hours.	Ins.
	Haparanda...	30.06	33	6	4	0	29.79	-.35	30	29	+3	SW	6	0	*		32	1	*	*	-
	Hernösand...	30.19	30	SSE	8	f	29.84	-.54	30	28	+1	S	6	0	*		32	28	*	*	-
	Stockholm...	30.33	30	S	2	0	30.06	-.38	30	29	+4	SW	2	0	*		30	25	*	*	-
	Wisby...	30.35	30	SW	3	3	30.19	-.28	30	29	+2	WSW	4	0	*		30	25	*	*	0.24
	Karlstad...	30.26	33	WSW	2	0	30.03	-.46	32	32	+1	SW	2	0	*		*	*	*	*	-
	Færder (X'iania Fjord)																				
	Bodö...	29.88	38	SW	1	6	29.39	-.74	38	36	-3	S	4	6c	3		41	32	*	*	-
	Christiansund...	29.95	34	2	0	6	29.57	-.69	41	37	+8	SW	4	C	4		41	32	*	*	-
	Skudesnaes...	30.21	39	S	8	C	29.84	-.53	41	41	+3	SSW	6	r	5		41	37	C	*	0.24
ICELAND & FAEROE.																					
	Reykjavik...	29.61	33	W	1	C	30.00	+1.60	28	*	-4	NW	5	C	*		*	*	*	*	*
	Blönduós...	29.62	29	N	2	0	30.03	+1.6	21	*	-11	NE	3	C	*		*	*	*	*	*
	Seydisfjord...	29.42	30	WNW	9	0	29.80	+1.84	24	*	-15	S	4	0	*		*	*	*	*	*
	Thorshavn...	29.65	41	WSW	7	0	29.67	-.03	34	*	-10	NW	2	S	*		*	*	*	*	*
BRITISH ISLANDS.																					
	Sumburgh Head	29.91	43	SW	4	0	29.74	-.32	42	38	0	W	4	C	4		43	38	r. 6	*	0.11
	Stornoway...	29.91	41	SSW	4	6c	29.94	-.02	38	36	-6	SW	3	6c	3		47	35	or, 6c, 6c	3.4	0.18
	Castlebay (Barra Id.)	29.96	45	W	3	C	30.04	+1.04	43	40	-2	WNW	4	0	4		47	40	a. 6c, 6c, 6c	2.6	0.09
	Malin Head...	30.01	42	SW	3	cm	30.09	+1.08	42	41	-1	W	3	6c	2		46	38	cm, 6c	*	0.10
	Blacksod Pt. ...	30.07	45	SW	3	6c	30.20		40	37		NW	1	6	1		48	35	6c, 6c, 6c	*	0.06
	Valencia...	30.15	47	WSW	1	0	30.22	+1.09	34	33	-16	WSW	1	C	4		51	33	cm, 6c, 6c	0.0	0.12
	Roche's Point...	30.16	49	SW	5	r	30.21	-.01	40	40	-8	NW	1	6m	4		49	40	cm, 6c, 6c	*	0.12
	Birr Castle...	30.13	43	2	0	r	30.21	+1.06	31	30	-15	2	0	6x	*		48	29	or	0.0	0.23
	Donaghadee...	30.11	43	WSW	1	r	30.14	-.09	34	33	-9	SSW	2	6	1		45	33	cm, 6c, 6c	*	0.15
	Liverpool Obsy...	30.25	33	SE	3	0	30.15	-.21	37	36	+13	SW	2	6c	1		40	23	cm, 6c, 6c	0.2	0.10
	Holyhead...	30.20	43	SSW	5	cm	30.15	-.17	41	41	0	NW	3	6c	2		46	39	cm, 0	*	0.49
	Pembroke (St. Ann's Hd.)	30.25	46	SSW	5	C	30.17	-.15	43	42	-1	NE	2	C	4		48	41	ogw, 6c	0.0	0.07
	Scilly (St. Mary's)	30.27	47	S	2	0	30.20	-.08	47	44	+2	S	3	0	3		50	44	C, 0	1.6	-
	Jersey (St. Aubins)	30.37	36	WNW	1	6	30.30	-.10	32	31	+4	W	1	6	2		45	25	6m, 6c, 6c	7.5	-
	Portland Bill...	30.34	44	SSE	2	6	30.23	-.17	46	45	+9	SSW	3	C	3		47	36	6	2.5	-
	Dungeness...	30.36	38	E	1	6	30.27	-.16	25	25	-9	NW	1	f	2		43	21	6f, 6m, 6c	7.2	0.02
	Dover...	*	*	*	*	*	30.28	-.18	31	30	+1	W	2	6	0		43	24	6, 6f, 6x	7.4	-
	Wick...	29.96	42	S	3	C	29.88	-.18	34	32	-8	W	2	6x	2		44	32	-	*	-
	Nairn...	29.97	37	2	0	6c	29.96	-.12	36	35	-5	W	2	6	1		45	34	6c, 6f, 6c	0.0	0.04
	Aberdeen...	30.06	41	SSW	2	C	29.97	-.26	36	34	+2	WSW	1	6	2		42	33	6c, 0, 6	0.0	-
	Leith...	30.05	41	SSW	2	C	30.03	-.23	38	36	+7	WSW	3	6	*		44	36	C, 0, 6f	*	0.03
	North Shields...	30.18	31	SSW	3	C	30.05	-.29	38	38	+14	SW	2	C	2		38	22	0x, C, 6f	*	-
	Spurn Head...	30.28	30	S	3	6c	30.12	-.29	35	34	+2	SW	4	C	2		35	23	6f, 6c, 6m	*	-
	Yarmouth...	30.36	36	S	1	6c	30.23	-.23	27	25	-2	SW	2	6m	2		39	23	6c, 6c	7.5	-
	Clacton-on-Sea...	30.39	26	NNW	2	f	30.26	-.19	28	28	-3	W	2	f	1		33	25	6m, 6f	0.0	-
	Nottingham...	30.31	30	WSW	1	6m	30.17	-.28	33	33	+8	WSW	1	0	*		33	21	6f, 6f, 0	0.0	-
	Bath...	30.34	30	NE	1	f	30.22	-.22	30	30	+7	NE	1	m	*		32	23	-	0.0	-
	Oxford...	30.36	26	SE	1	f	30.24	-.23	32	31	+10	SSE	2	C	*		33	21	ogw, 6f, 6m	*	-
	London (St. James's Pk)	30.37	29	2	0	f	30.24	-.20	26	26	-4	2	0	m	*		31	26	f	0.0	-
GERMANY, & C.																					
	The Scaw (Skagen)	30.30	31	WSW	3	m	30.11	-.38	31	30	-1	SW	4	0	1		32	28	*	*	-
	Fanö...	30.37	26	SE	2	6	30.21	-.35	30	30	+6	SE	4	m	4		34	23	*	*	-
	Cuxhaven†...	30.44	22	S	3	f	30.28	-.26	18	92	-3	S	3	6	*		25	18	f	*	-
	The Helder...	30.39	20	SE	1	f	30.26	-.24	20	20	-3	S	1	f	1		25	19	*	*	-
	Brussels...	*	*	*	*	*	30.32	-.13	25	23	+5	SSE	1	6	*		41	18	*	*	-
	Berlin†...	30.49	21	SE	2	f	30.40	-.17	16	90	-6	SE	2	6	*		27	16	*	*	-
	Frankfurt†...	30.39	29	NE	2	m	30.38	-.08	18	88	-8	NE	1	6c	*		39	18	*	*	-
	Munich†...	30.43	22	E	2	6	30.47	+1.01	9	96	-5	E	2	6	*		32	9	*	*	-
FRANCE.																					
	C. Gris Nez...	30.32	36	NE	2	6c	30.27	-.12	30	29	0	S	3	m	2		41	30	*	*	-
	La Hève...	30.36	38	ENE	1	m	30.32	-.10	35	34	+5	SE	1	m	1		45	30	*	*	-
	Brest...	30.35	43	SSE	3	C	30.32	?	42	41	+6	SE	3	6	5		46	36	*	*	-
	Lorient...	30.32	37	ESE	2	6	30.26	-.07	36	34	+3	E	2	C	2		46	33	*	*	-
	Rochefort...	30.26	36	NE	2	6	30.32	-.06	32	29	+4	NE	2	6	*		36	28	6	*	-
	Biarritz...	30.34	40	ENE	3	6	30.30	-.06	28	27	-2	E	2	6	2		45	27	*	*	-
	Paris...	30.37	29	NNE	1	6	30.35	-.04	17	17	-4	SSE	1	6	*		39	17	*	*	-
	Belfort...																				-
	Lyons...	30.40	28	E	1	6	30.41	-.00	22	21	-2	WNW	1	6	*		32	22	*	*	-
	Nice...	30.24	43	2	0	6c	30.24	-.01	38	35	0	E	1	6	1		52	36	*	*	-
	Perpignan...	30.31	36	W	3	r	30.28	+1.03	37	36	+3	2	0	0	*		40	34	*	*	0.20
	Sanguinaire...	30.04	54	E	1	6	30.09	-.01	54	47	+4	G	2	0	3		54	39	*	*	-
SPANISH PENIN.																					
	Corunna...																				-
	Lisbon...																				-
	Azores (P. Delgada)...																				-
	„ Horta...	30.13	62	SW	4	0	30.22	+1.15	58	54	-2	NNW	1	6	2		64	55	*	*	-

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

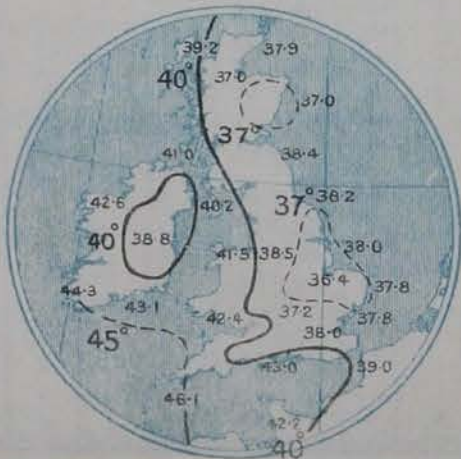
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

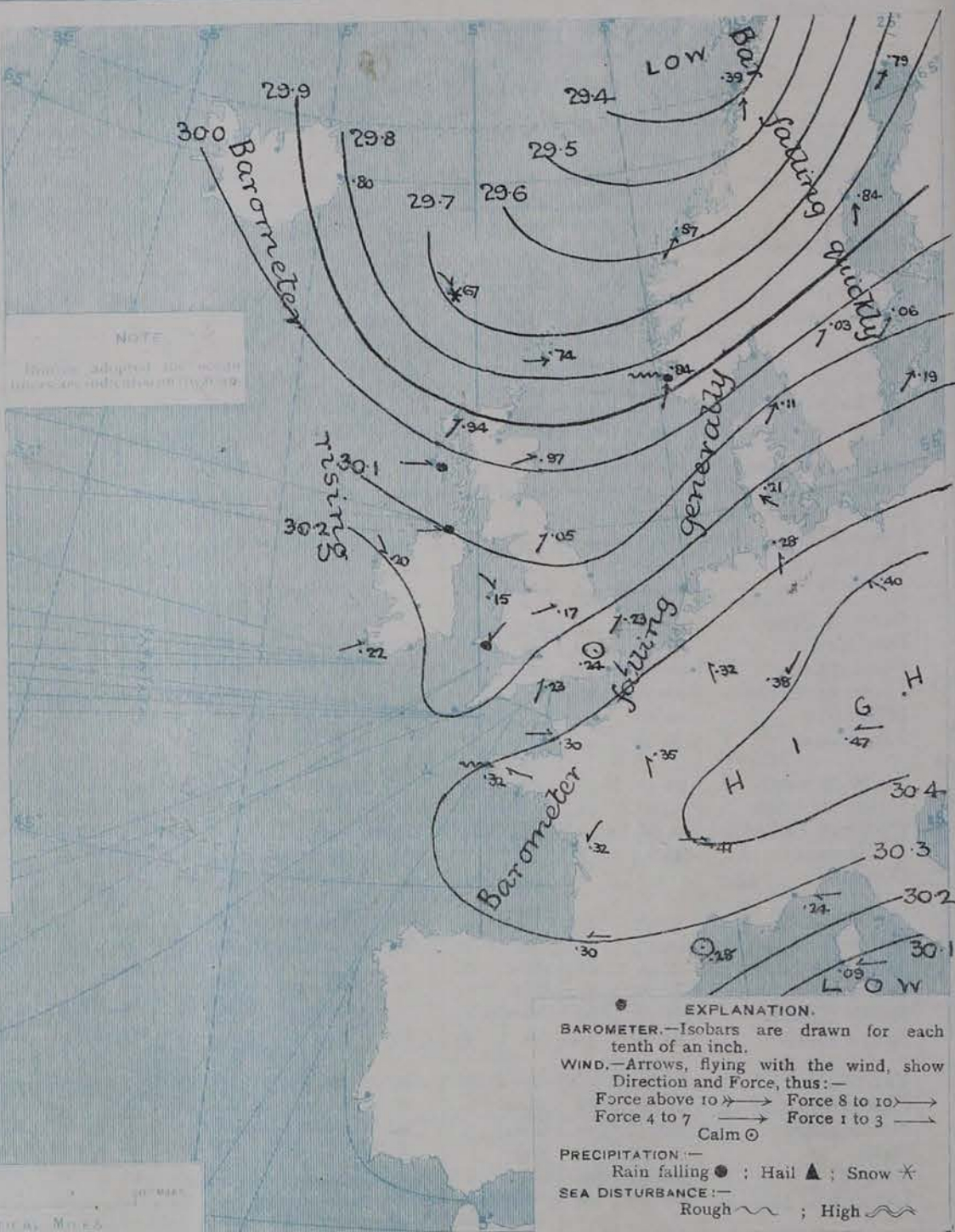


Friday,

WEATHER

29th Jan.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

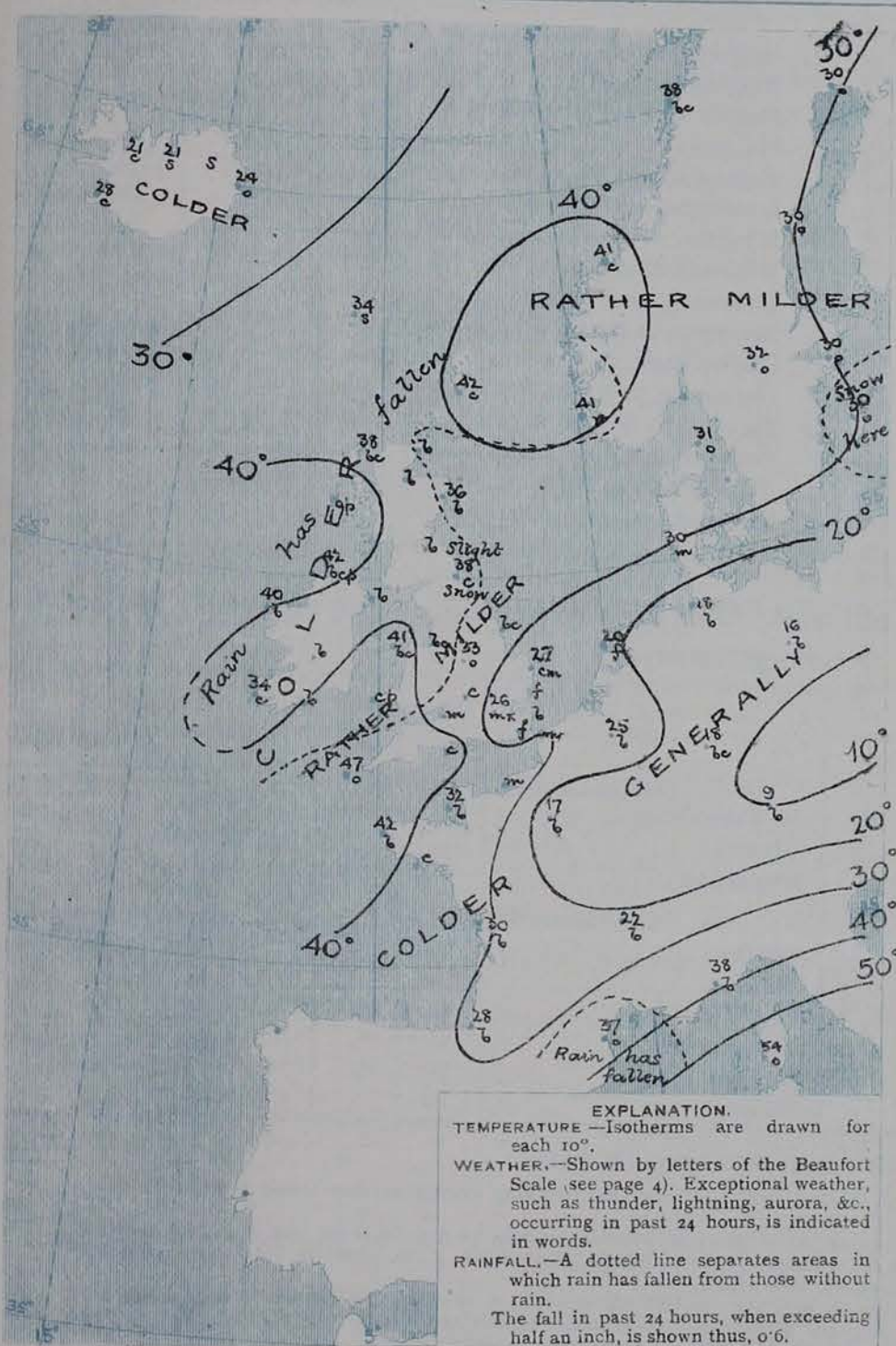
The large depression which was shown yesterday over Iceland has moved rather slowly eastward, and the barometer has fallen very briskly over Scandinavia, and less decidedly over the North Sea region and Denmark. The readings now range from 30.4 ins. and above over Central Europe to below 29.4 ins. off the north-west of Norway. A shallow secondary disturbance lies over the Bristol Channel.

The wind has veered to the North-Westward in some parts of Ireland and Wales, but is South-West or West over the United Kingdom generally, and also over the whole of Scandinavia. In the latter region it is moderate to strong, but in these Islands it has very little force. A light easterly breeze still prevails over the southern part of France and in south Germany. Temperature has risen in most parts of England, but fallen over the south-eastern counties. The readings range from 47° at Scilly, and 46° at Portland Bill to below 40° over the Kingdom generally and to 28° or rather lower over the southeastern counties of England. Showers prevail at Pembroke and at some of our extreme north-western stations, but generally the weather in these Islands is fair or fine and bright. The sky is, however, overcast in places, and the atmosphere misty, while fog is still reported from some parts of the south-east coasts. Clear skies prevail over the greater part of the Continent, but rain is falling at Skudonæs, and in Scandinavia generally there is much cloud.

CHARTS

29th January, 1909

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometers rose to above 40° in most parts of these Islands, but remained below 32° in several parts of England. Sharp frost was again experienced at night over the south-eastern half of England, and very severe frost over Germany and the greater part of France. Some rain has fallen in the west and north of these Islands, as much as 0.5 ins at Holyhead. Bright sunshine was again very prevalent at several stations on the south and east coasts of England; at Hastings the record was 8.1 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

The shallow secondary depression which has arrived over the Bristol Channel will probably move north-eastwards or eastwards and be accompanied by some showers of sleet or snow over England. There are no indications of the approach of any other low pressure system from the westward at present, and the winds over the United Kingdom generally may be expected to come from between N.W. and North-West, and the temperature to remain rather low in most localities.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

- 0 } *W. or N.W. winds, light or moderate; mostly fair, some showers locally; moderate or rather low temperatures.*
- 1 }
- 2 }
- 3 } *Wind mainly between S.W. and W. or N.W., of little force; mostly cloudy or dull, some mist, local showers of sleet or snow; temperature rising slowly.*
- 4 }
- 5 }
- 6 } *Same as Nos. 0 and 1.*
- 7 } *W. or N.W. winds, light or moderate; mostly fair, some showers; moderate or rather low temperature.*
- 8 } *S. to W. or N.W. winds, light or moderate; changeable, some showers; moderate to rather low temperature.*
- 9 } *Light or moderate winds, between N. and W.; changeable some showers; rather cold.*
- 10 }

11 WESTERN CHANNEL AND BAY

Wind light or moderate and mainly W. on Channel, light from E. or S.E. on Bay; sea slight or moderate; some mist, mostly fair or fine.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

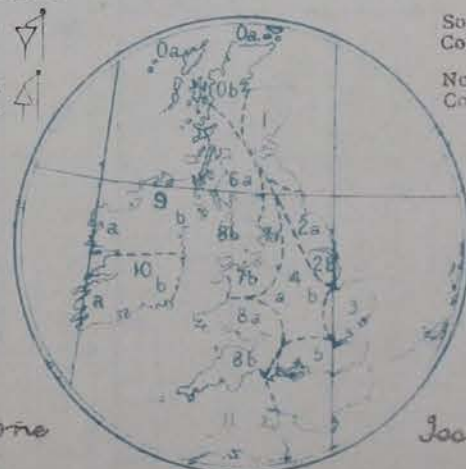
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.

Friday, 29th January, 1900.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
	°	°		Hrs.	Ins.		°	°		Hrs.	Ins.
Dublin (City), to 4 p.m....	50	42	bc, op	*	-	Brighton, to 6 p.m. ...	45	29	*	7.4	-
Rossall Beach, to 6 p.m....				*	-	Eastbourne, to 6 p.m. ...	42	26	*	7.2	-
Blackpool, to 9 p.m. ...	34	23	om, o	0.0	-	Bexhill-on-Sea, to 9 p.m.	43	32	b	7.3	-
Southport, to 9 p.m. ...	34	24	xy, c, o	0.0	-	Hastings	*	*	*	8.1	*
Rhyl, to 6 p.m.	44	30	*	1.0	-	Folkestone, to 6 p.m. ...	42	29	b, m, b	7.0	-
Colwyn Bay, to 6 p.m. ...	44	30	x, b, bc, c	1.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.1	-
Llandudno, to 9 p.m. ...	44	33	bc, c, bc, o	1.2	-	Margate, to 6 p.m.	33	23		0.0	-
Bettws-y-Coed, to 6 p.m.	43	27	c, o	0.2	*	Felixstowe, to 6 p.m. ...	40	23		3.3	-
Towyn, to 6 p.m.	44	37	o, c, bc	0.0	-	Lowestoft, to 6 p.m. ...	43	31	bc, m, b	7.2	-
Aberystwyth, to 6 p.m. ...	44	37	*	0.5	-	Skegness, to 6 p.m....	29	26	f	0.0	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	34	24	o	2.9	-
Torquay, to 6 p.m....	47	28	*	3.8	-	Harrogate, to 6 p.m. ...	32	32	mc, bc	0.0	-
Weymouth, to 6 p.m. ...	45	29	f, c, bc, f	2.5	-	Buxton, to 6 p.m.	39	13	b, bf, bc	3.8	-
Bournemouth to 6 p.m. ...	43	21	bc, b, c, f	5.6	-	Darwen, to 9 p.m.	36	24	bcng, bcq	0.3	-
Southsea, to 6 p.m....	44	24	*	5.1	-	Manchester, to 9 p.m. ...	35	21	of, b, bc, f	0.0	-
Worthing, to 6 p.m. ...	43	26	m, b, bm	7.5	-	Birmingham, to 9 p.m....	33	21	cm, bm	0.0	-

STATIONS. 28th January 1909				TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 28th January 1909				TEMPERATURE F.		WEATHER.	RAIN.
				Max.	Min.							Max.	Min.		
Madeira	63	50	o. o	Ins.	St. Petersburg	?	19	o. o	Ins.
Marseilles	46	37	o. o	0.04	Utrecht	44	14	m. f	-
Malta	56	47	o	0.16	Groningen	28	18	o. f	-
Algiers	58	39	bc. r	0.79	27th January 1909.				1.80 p.m.		1.80 p.m.	Measured
Tunis	55	37	bc. o	0.75	Geneva	30	*	b	7.30 a.m.
Palermo	60	41	o. o	0.20	Berne	25	*	bc	-
Naples	50	42	bc. c	-	Caire	34	*	b	-
Brindisi	50	34	bc. c	-	Castasegna	30	*	bc	-
Florence	44	38	o. b	-	Lugano	36	*	o	-
Rome	45	34	o. b	0.04	Davos	25	*	b	-
Vienna	32	16	b. bc	-								

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

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

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

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

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

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.	29th + 30th Jan., 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	Lat.	Long.		Direc.	Force.		Air.		Sea.					
							Dry Bulb.	Wet Bulb.						
	0	0	Ins.				0	0	0					
											Yarmouth {	7.42 7.41	12.6 12.6	4.30 4.32
											Greenwich {	7.46 7.44	12.13 12.13	4.41 4.43
											Wick {	8.28 8.26	12.25 12.25	4.22 4.25
											Valencia {	8.28 8.27	12.54 12.54	5.20 5.22
<p>TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.</p>														
<p>METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.</p>											<p>W. N. SHAW, (Director.)</p>			

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

(Saturday,
30th January, 1909.

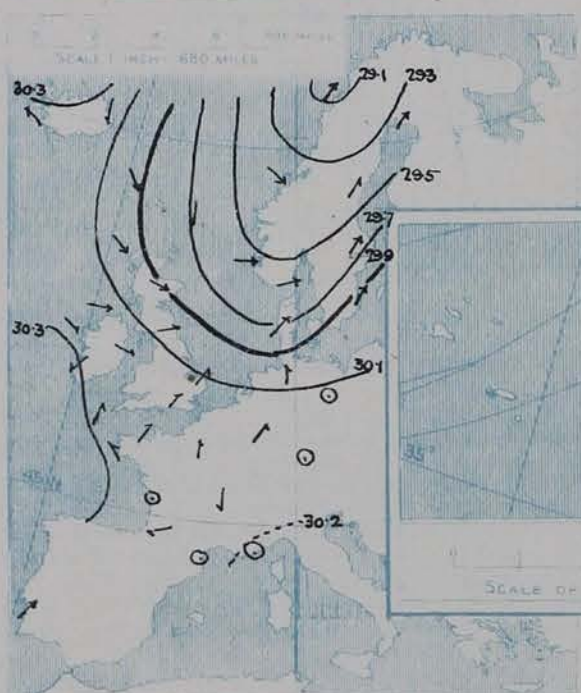
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun- shine.	Rainfall.		
At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Max.	Min.									
Ins.																					
SCANDINAVIA.	Haparanda...	29.35	28	SW	4	0	29.22	-1.57	28	27	-2	S	2	C	*	32	27	*	*	0.20	
	Hernösand...	29.41	32	SSW	2	0	29.39	-1.45	31	30	+1	Z	0	0	*	34	28	*	*	-	
	Stockholm...	29.76	26	SSW	4	0	29.49	-1.57	31	31	+1	S	4	S	*	34	25	*	*	0.08	
	Wisby...	29.92	33	SW	6	0	29.57	-1.62	29	27	-1	SSW	4	0	*	34	27	*	*	-	
	Karlstad...	29.62	33	SW	6	0	29.36	-1.67	33	32	+1	SW	4	S	*	*	*	*	-		
	Færder (X'ianta Fjord)																				
	Bodö...	29.07	34	SW	4	0	28.88	-1.51	30	28	-8	E	4	0	*	35	28	*	*	-	
	Christiansund...	29.39	33	WNW	6	0	29.51	-1.06	32	30	-9	NW	6	S	5	41	28	*	*	0.83	
	Skudesnaes...	29.51	35	W	6	0	29.55	-1.29	30	30	-11	NNW	4	S	3	43	28	c, o	*	-	
ICELAND & FAEROE.	Reykjavik...	30.21	23	SE	1	C	30.22	+1.22	24	*	-4	NE	5	m	*	*	*	*	*	*	
	Blönduos...	30.35	8	NE	1	bc	30.20	+1.17	23	*	+2	NE	2	0	*	*	*	*	*	*	
	Seydisfjord...	30.21	18	N	3	bc	30.26	+1.46	20	*	-4	Z	0	0	*	*	*	*	*	*	
	Thorshavn...	29.90	26	NNW	6	S	30.17	+1.50	25	*	-9	NNW	3	0	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.64	31	N	3	S	29.88	+1.14	27	27	-15	N	4	S	5	44	25	bp, s	*	0.15	
	Stornoway...	29.98	37	NW	6	bc	30.24	+1.30	34	33	-4	N	5	C	5	43	31	bc, cp, op	1.1	0.12	
	Castlebay (Barra Id.)	30.07	43	WNW	4	op	30.28	+1.24	37	33	-6	NNW	3	0	3	45	36	op, c, bc, o	0.0	0.03	
	Malin Head...	30.09	45	W	5	op, bc	30.24	+1.15	40	37	-2	N	4	cg	3	45	39	op, bc, cp, bc	*	0.05	
	Blacksod Pt. ...	30.27	44	NW	2	b	30.34	+1.14	44	41	+4	N	2	b	1	46	39	bc, bc	*	0.02	
	Valencia...	30.31	40	NE	1	b	30.34	+1.12	44	42	+10	NNE	2	0	4	48	34	bc, b	7.3	-	
	Roche's Point...	30.28	40	N	2	b	30.31	+1.10	41	40	+1	NW	3	b	3	47	38	ef, b, bc, b	*	0.01	
	Birr Castle...	30.26	40	WSW	2	b	30.32	+1.11	33	32	+2	Z	0	b	3	45	29	b	5.2	-	
	Donaghadee...	30.16	42	WSW	3	bc	30.29	+1.15	40	35	+6	N	5	C	5	43	33	cm, bc	*	0.02	
	Liverpool Obsy...	30.16	39	WSW	4	0	30.15	0.00	37	34	0	WNW	4	bc	3	43	37	b, cm, bc	4.8	0.01	
	Holyhead...	30.20	43	WNW	3	cm	30.19	+1.04	41	40	0	N	7	0	5	46	39	bc, cm	*	-	
	Pembroke (St. Ann's Hd.)	30.24	40	NNW	2	b	30.20	+1.03	43	40	0	NW	4	cg	4	46	39	cp, bc	2.4	0.01	
	Scilly (St. Mary's)	30.23	46	SEW	1	C	30.23	+1.03	45	42	-2	N	3	C	2	52	44	C	1.6	0.02	
	Jersey (St. Aubins)	30.28	41	SW	3	b	30.17	-1.13	42	39	+10	WNW	3	b	3	45	29	cm, bc, c	0.2	0.01	
	Portland Bill...	30.20	47	WSW	3	bc	30.12	-1.11	43	42	-3	NW	4	bc	3	43	42	C, bc	0.3	-	
	Dungeness...	30.16	43	WSW	3	C	29.97	-1.20	37	35	+12	WNW	4	bc	4	44	20	C, bc	0.0	0.04	
	Dover...	*	*	*	*	*	30.03	-1.25	35	33	+4	WNW	5	0	4	44	31	C, b, bc, op	2.5	0.02	
GERMANY, & C.	Wick...	29.78	38	NW	4	C	30.05	+1.17	30	29	-4	N	5	S	4	38	26	-	*	0.12	
	Nairn...	29.89	37	WNW	4	r	30.14	+1.18	31	30	-5	WNW	3	C	2	42	30	b, bc, cp	0.7	0.07	
	Aberdeen...	29.84	38	WNW	5	bc	30.07	+1.10	30	29	-6	NW	4	C	3	43	28	bc, cp, bc, op	2.9	0.13	
	Leith...	29.94	40	SW	3	C	30.15	+1.12	33	31	-5	NW	3	b	*	43	32	bc, bc, sp	*	0.02	
	North Shields...	30.01	40	WSW	2	C	30.06	+1.01	31	30	-7	NW	5	C	2	45	29	bc, c, s	*	0.01	
	Spurn Head...	30.04	38	W	4	0	29.95	-1.17	33	32	-2	NNW	6	bps	5	40	31	cm, bc, sp	*	0.02	
	Yarmouth...	30.13	35	SW	2	om	29.91	-1.32	33	33	+6	NW	6	op, s	4	39	25	o, om	0.0	0.10	
	Clacton-on-Sea...	30.15	39	W	2	0	29.98	-1.28	35	34	+7	WNW	4	b	2	39	26	f, cm, cr	0.0	0.09	
	Nottingham...	30.14	38	W	3	0	30.08	-1.09	37	33	+4	N	5	C	*	42	32	op, bc, o, c	0.9	0.01	
	Bath...	30.21	43	W	1	m	30.13	-1.09	39	37	+9	NW	1	0	*	49	30	-	2.3	0.01	
FRANCE.	Oxford...	30.19	35	WSW	1	f	30.12	-1.12	37	34	+5	NW	3	b	*	39	32	bm, fur, bm	*	0.02	
	London (St. James's Pk)	30.18	40	SW	1	cm	30.03	-1.21	38	37	+12	WNW	2	bc	*	44	25	cm, om, e, bc	0.1	0.02	
	The Scaw (Skagen)	29.62	37	WSW	6	r	29.33	-1.78	34	33	+3	NNE	4	0	1	37	28	*	*	0.04	
	Fanö...	29.67	36	SW	4	bc	29.46	-1.75	33	32	+3	N	4	bc	*	36	28	*	*	0.16	
	Cuxhaven...	30.03	29	S	3	bc	29.47	-1.79	33	33	+15	W	3	sm	*	36	18	*	*	0.04	
	The Helder...	30.05	38	W	2	r	29.73	-1.53	36	33	+16	N	7	C	*	39	20	*	*	0.08	
	Brussels...	*	*	*	*	*	29.88	-1.44	32	32	+7	NW	3	S	*	38	23	*	*	0.08	
	Berlin...	30.16	22	Z	0	b	29.67	-1.73	23	23	+7	SW	2	S	*	27	16	*	*	0.04	
SPANISH PENIN.	Frankfurt...	30.21	22	SW	2	f	29.83	-1.55	26	26	+8	SW	5	S	*	36	18	*	*	0.08	
	Munich...	30.30	19	Z	0	bc	30.02	-1.45	21	21	+12	SW	4	C	*	25	9	*	*	-	
	C. Gris Nez...	30.16	44	SW	3	C	29.99	-1.28	40	38	+10	NW	6	0	6	45	30	*	*	-	
	La Hève...	30.30	39	W	3	b	30.10	-1.22	41	41	+6	?	5	C	4	43	35	*	*	-	
	Brest...	30.27	45	SE	3	b	30.25	-1.07	42	41	0	NW	1	b	5	45	39	*	*	-	
	Lorient...	30.23	41	SE	2	b	30.19	-1.07	38	37	+2	Z	0	b	2	45	34	*	*	-	
	Rocheport...	30.29	36	Z	0	C	30.21	-1.11	30	30	-2	ENE	1	b	*	39	28	b, o	*	-	
	Biarritz...	30.24	43	ENE	2	b	30.18	-1.12	34	30	+6	E	4	b	2	48	28	*	*	-	
SPANISH PENIN.	Paris...	30.27	28	S	2	b	30.06	-1.29	34	33	+17	W	3	0	*	38	17	*	*	-	
	Belfort...																	*	*	-	
	Lyons...	30.30	32	N	2	b	30.22	-1.19	24	24	+2	NE	1	f	*	32	22	*	*	-	
	Nice...	30.18	43	Z	0	C	30.06	-1.18	37	35	-1	E	1	b	2	52	37	*	*	-	
	Perpignan...	30.23	39	Z	0	b	30.15	-1.13	32	29	-5	SW	1	b	*	51	32	*	*	-	
	Sanguinaire...	30.12	49	E	1	b	30.08	-1.01	49	45	-5	E	3	0	4	54	?	*	*	0.35	

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

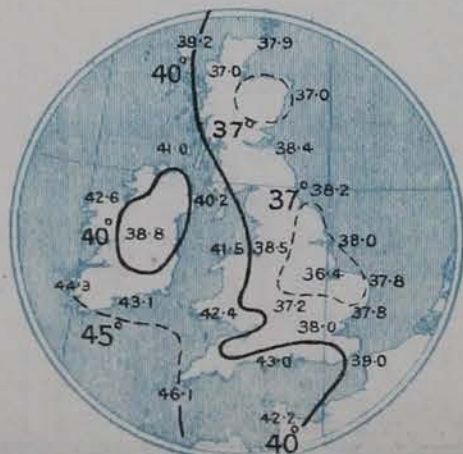
7 A.M. YESTERDAY



6 P.M. YESTERDAY

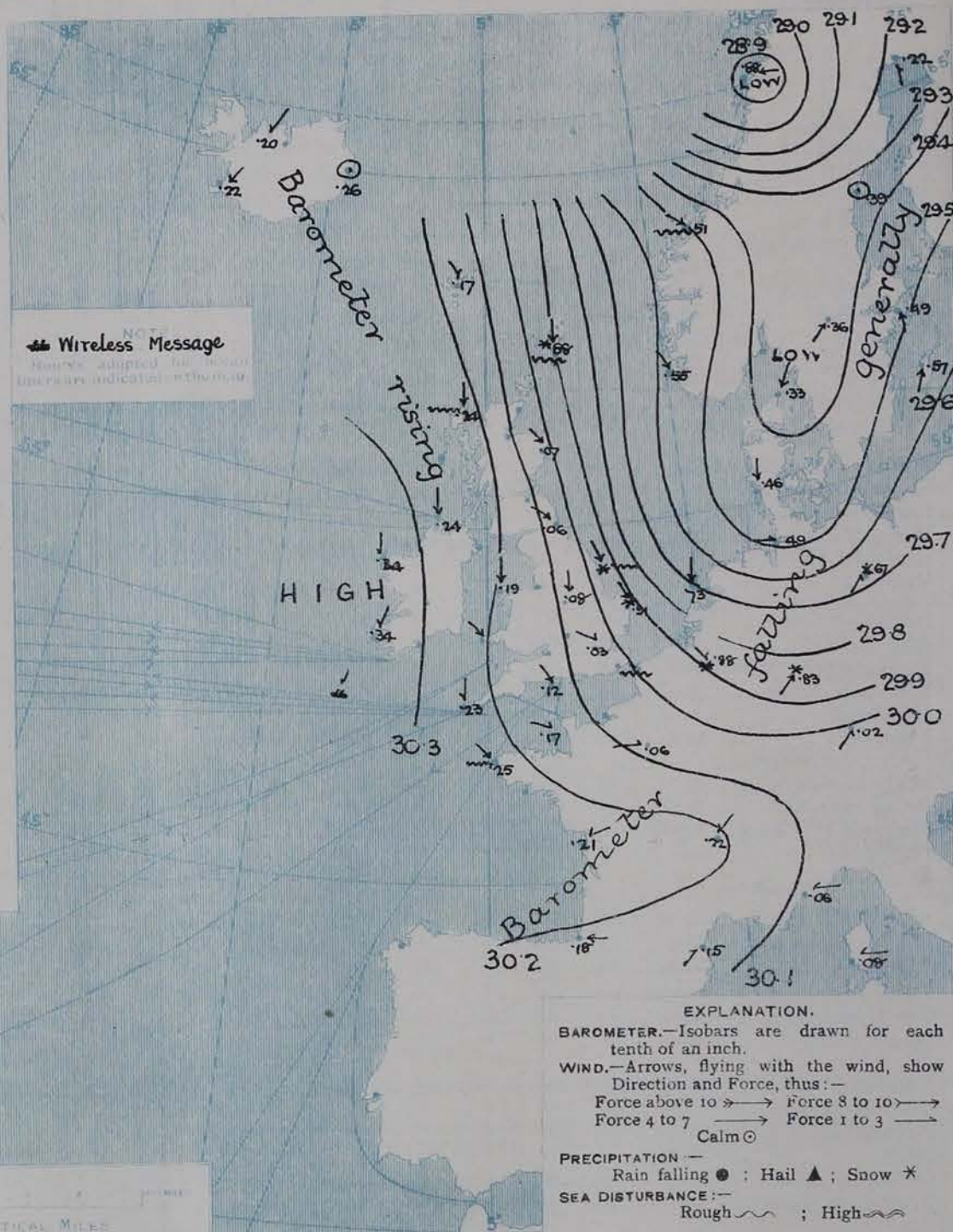


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO MONTHLY PERIOD
JANUARY — FEBRUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Saturday, WEATHER 30th Jan.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

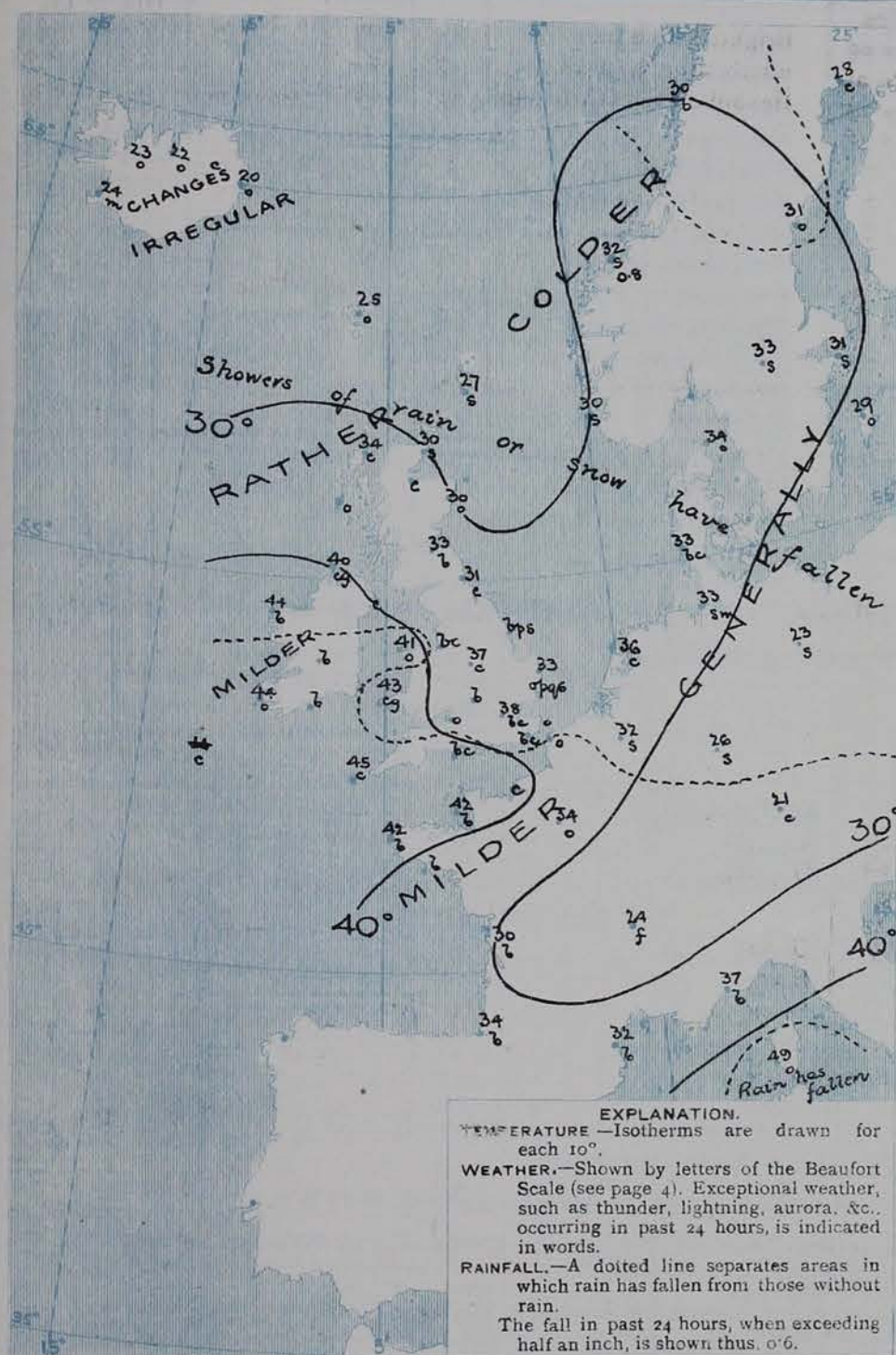
The centre of a deep depression lies over the north of Norway, the barometer being as low as 28.88 ins. at Bodø, while it is relatively low in a secondary disturbance over the north of Denmark. A large anticyclone lies to the westward of the United Kingdom, the highest barometer readings reported being above 30.3 ins. over the western half of Ireland.

A Northerly to North-Westerly current of wind prevails over the whole of these Islands and their immediate neighbourhood but over Germany the wind draws into West or South-West and in Sweden into South. It blows a fresh or strong breeze on the coast of Norway and east coast of Great Britain, and a high wind at Holyhead. Temperature has changed rather irregularly. Over these Islands the readings range from 45° at Skilly, and 44° on the west coast of Ireland to about 32° on the north-east coast of England, to 30° on the east coast of Scotland, and to 27° at Lumburgh Head. Snow showers are falling along the north-east and east coasts of Great Britain, and the weather generally, although bright in places, is of an unsettled character. Snow is falling over a large area of Scandinavia and Germany, but over the greater part of France the weather is bright.

CHARTS

30th January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to above 40° in most parts of this country, and touched 52° at Seilly. Slight frost was experienced in Scotland and the north of Ireland at night. Rain, in small amounts, has fallen in most localities. The duration of bright sunshine was very small over the Kingdom generally but at Scarborough and at several places in the north west and west more than four hours were recorded, and at Valencia 7.3 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

The high pressure to the westward of the United Kingdom will spread gradually over these Islands towards the Continent, while the northerly wind, after blowing strongly in several places will decrease in force.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY

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

- 0 } To^{ly} winds, fresh or strong in places, then moderating; snow showers in many localities, fair intervals; cold.
- 1 } To^{ly} winds, fresh or strong in places, then moderating; snow showers in many localities, fair intervals; cold.
- 2 } Wind between To^{ly} and To^{ly}, fresh or strong in places; changeable, some snow showers, fair intervals; colder.
- 3 } Wind between To^{ly} and To^{ly}, fresh or strong in places; changeable, some snow showers, fair intervals; colder.
- 4 } Wind between To^{ly} and To^{ly}, fresh or strong in places; changeable, some snow showers, fair intervals; colder.
- 5 } Wind between To^{ly} and To^{ly}, fresh or strong in places; changeable, some snow showers, fair intervals; colder.
- 6 } Moderate To^{ly} winds; generally fair; colder.
- 7 } To^{ly} winds, fresh or strong in places, then moderating; fair generally, some snow showers locally; temperature falling.
- 8 } To^{ly} winds, fresh or strong in places, then moderating; fair generally, some snow showers locally; temperature falling.
- 9 } Wind mainly To^{ly}, light or moderate, changeable, mostly fair; rather cold.
- 10 } Wind mainly To^{ly}, light or moderate, changeable, mostly fair; rather cold.
- 11 WESTERN CHANNEL AND BAY. Wind chiefly To^{ly}, light or moderate; sea slight or moderate; fair generally.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

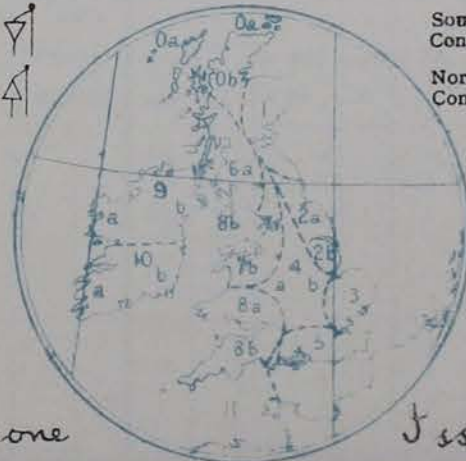
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	48	35	ov, bc, b	*	0.09	Brighton, to 6 p.m. ...	44	27	*	0.0	-
Rossall Beach, to 6 p.m....	43	32	cr, bc, c	*	0.21	Eastbourne, to 6 p.m. ...	45	24	*	0.5	0.03
Blackpool, to 9 p.m. ...	43	32	r, bc, c	4.7	0.25	Bexhill-on-Sea, to 9 p.m.	43	28	m, c, om	0.0	0.01
Southport, to 9 p.m. ...	44	33	o, bc	4.8	0.15	Hastings ...	*	*	*	1.2	*
Rhyl, to 6 p.m. ...	44	33	*	4.8	-	Folkestone, to 6 p.m. ...	41	25	bm, o, c, o	0.1	-
Colwyn Bay, to 6 p.m. ...	45	39	bc, b, bc, c	4.1	-	Ramsgate, to 6 p.m. ...	*	*	*	1.9	-
Llandudno, to 9 p.m. ...	43	39	b, bc, c	4.4	-	Margate, to 6 p.m. ...	43	28	b, om, o	1.0	-
Bettws-y-Coed, to 6 p.m.	*	*	*	*	*	Felixstowe, to 6 p.m. ...	39	29	-	0.0	-
Towyn, to 6 p.m. ...	48	39	c, b, bc	3.9	0.03	Lowestoft, to 6 p.m. ...	39	24	bm, c, bc	0.0	-
Aberystwyth, to 6 p.m. ...	45	39	*	3.0	0.05	Skegness, to 6 p.m. ...	38	30	m, r, bc	1.6	0.01
Plymouth, to 9 p.m. ...	52	43	o, bc, ov	1.1	-	Scarborough, to 9 p.m. ...	43	31	o, c	4.4	0.01
Torquay, to 6 p.m. ...	50	30	*	1.1	-	Harrogate, to 6 p.m. ...	43	31	b, bc, c	2.9	-
Weymouth, to 6 p.m. ...	49	29	m, c, o, bc	0.8	-	Buxton, to 6 p.m. ...	39	31	c, bc, oc, c	1.4	-
Bournemouth to 6 p.m. ...	47	22	o, b, bc	0.1	-	Darwen, to 9 p.m. ...	41	29	b, c, or, c	0.6	0.11
Southsea, to 6 p.m. ...	47	25	*	0.6	0.02	Manchester, to 9 p.m. ...	44	33	b, bc, or	1.1	0.05
Worthing, to 6 p.m. ...	43	26	f, o, of	0.4	-	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. 29th Jan. 1909	TEMPERATURE F.		WEATHER	RAIN.	STATIONS. 29th Jan. 1909	TEMPERATURE F.		WEATHER	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	not	recd.	*	Ins.	St. Petersburg ...	25	18	o, s	Ins.
Marseilles ...	54	32	m, b	-	Utrecht ...	41	14	m, f	-
Malta ...	54	46	o	0.04	Groningen ...	30	18	b, m	-
Algiers ...	57	39	c, bc	0.57	28th Jan. 1909 1.30 p.m.				Measured 7.30 a.m.
Tunis ...	55	37	o, o	0.83	Geneva ...	32	*	b	-
Palermo ...	53	47	r, o	0.24	Berne ...	28	*	bc	-
Naples ...	not	recd.	*	-	Coire ...	34	*	b	-
Brindisi ...	50	34	b, b	-	Castasegna ...	34	*	b	-
Florence ...	47	37	b, b	-	Lugano ...	43	*	b	-
Rome ...	50	34	b, b	-	Davos ...	28	*	b	-
Vienna ...	23	18	s, c	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turbance.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
Lake Jan 30 4.44	50 N.	12 W.	30.32	N	4-5	-	-	-	-	-
Michigan - - Jan	50 N.	13 W.	30.19	NNE	10-11	c	-	-	-	-

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

30th-31st Jan. 1909.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	...	7.41	12.6	4.32
Greenwich ...	...	7.40	12.7	4.34
Wick ...	...	7.44	12.13	4.43
Valencia ...	...	7.43	12.14	4.45
		8.26	12.25	4.25
		8.24	12.26	4.28
		8.27	12.54	5.22
		8.26	12.55	5.24

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

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

W. N. SHAW, (Director.)

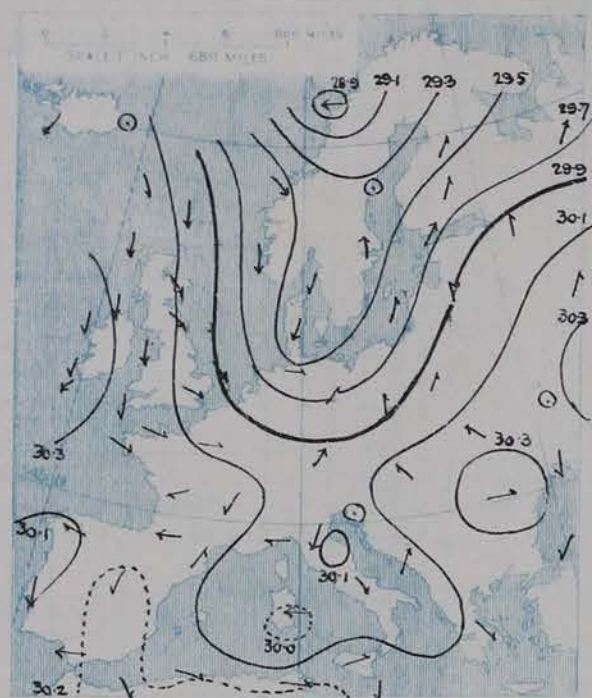
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday
31st January 1909.

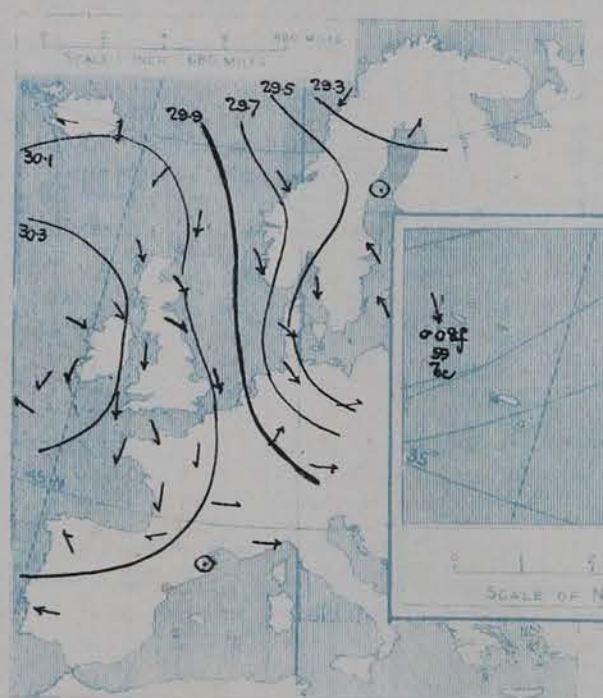
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.		
At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Max.	Min.									
SCANDINAVIA.	Haparanda...	29.24	22	SW	2	6	29.34	+12	28	28	0	SSW	2	0	*	30	22	*	*	-	
	Hernösand ...	29.42	28	Z	0	5	29.34	-05	25	23	-6	N	2	0	*	32	25	*	*	-	
	Stockholm ...	29.36	30	SE	4	0	29.25	-24	28	28	-3	E	2	5	*	32	25	*	*	0.12	
	Wisby...	29.33	30	SSE	4	0	29.18	-39	29	25	0	SE	4	5	*	34	27	*	*	0.16	
	Karlstad ...	29.35	30	E	2	5	29.35	-01	23	22	-10	N	6	0	*	*	*	*	0.35		
	Færder (X'ania Fjord)														*	*	*	*	*		
	Bodö ...	29.29	31	NE	4	6	29.46	+58	29	27	-1	ENE	4	6	2	34	27	*	*	-	
	Christiansund ...	29.64	29	NNW	3	5	29.54	+03	31	30	-1	NNW	7	5	6	32	27	*	*	0.28	
Skudesnaes ...	29.76	30	NNW	6	6	29.63	+08	28	26	-2	N	6	6	2	30	27	S. 6	*	-		
ICELAND & FAEROE.	Reykjavik ...	30.09	28	E	3	0	30.02	-20	35	*	+11	Z	0	6c	*	*	*	*	*	*	
	Blönduós ...	30.07	30	S	3	0	29.98	-22	34	*	+11	S	1	0	*	*	*	*	*	*	
	Seydisfjord...	30.09	30	S	1	0	29.88	-38	36	*	+16	S	2	0	*	*	*	*	*	*	
	Thorshavn ...	30.15	26	NE	2	5	29.91	-26	33	*	+8	Z	0	0	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.99	26	N	4	C	29.89	+01	27	27	0	N	4	S	5	29	24	C	*	0.02	
	Stornoway ...	30.21	34	NNW	4	0	30.03	-21	36	35	+2	NNW	3	C	4	36	31	C. o.s.p.m. c.s.p.	0.2	0.03	
	Castlebay (Barra Id.)	30.24	39	NW	2	0	30.07	-21	41	40	+4	NW	1	0	2	41	36	o. o. d. o.	0.0	0.02	
	Malin Head ...	30.24	41	NW	3	og	30.09	-15	43	43	+3	NW	3	op	2	44	38	og	*	0.04	
	Blacksod Pt. ...	30.35	44	WNW	1	cp	30.23	-11	42	40	-2	WSW	2	cp	1	46	39	bc. bcp	*	0.06	
	Valencia ...	30.34	43	NNE	1	C	30.27	-07	41	40	-3	N	1	r	4	49	36	o. c. bcp	0.6	0.04	
	Roche's Point ...	30.35	42	NNE	2	C	30.26	-05	41	40	0	NW	3	C	3	46	40	bm. c	*	0.01	
	Birr Castle ...	30.32	41	Z	0	0	30.20	-12	38	37	+5	WSW	2	0	*	43	31	b. o	3.2	-	
	Donaghadee ...	30.24	39	NW	4	C	30.13	-16	38	37	-2	SW	1	0	1	41	35	og. bc. c	*	-	
	Liverpool Obsy...	30.21	36	NW	2	0	30.10	-05	38	36	+1	WNW	3	6	2	39	34	b. c. o	5.1	-	
	Holyhead ...	30.24	41	N	5	0	30.12	-07	42	41	+1	N	5	C	4	42	37	C. o	*	-	
	Pembroke (St. Ann's Hd.)	30.27	40	N	4	C	30.17	-03	43	39	0	WNW	5	cu	4	44	38	cg. c	0.8	-	
GERMANY, & C.	Scilly (St. Mary's)	30.28	44	N	4	0	30.23	00	43	40	-2	NNW	4	C	2	49	42	o	1.6	-	
	Jersey (St. Aubins)	30.21	41	NNW	3	C	30.19	+02	40	37	-2	NW	2	0	2	48	31	cm. o. cgm	3.3	-	
	Portland Bill ...	30.23	36	N	2	6	30.14	+02	41	39	-2	WNW	4	C	3	44	34	bc. b	6.3	-	
	Dungeness ...	30.13	32	NW	2	6	30.05	+08	28	28	-9	NW	3	C	3	38	25	ap. bc. o. c	5.2	0.02	
	Dover ...	*	*	*	*	*	30.07	+04	30	29	-5	WNW	3	6	1	37	29	o. bc. b. bc	7.8	-	
	Wick ...	30.09	29	N	4	C	29.97	-08	31	30	+1	W	1	sp	3	34	26	-	*	0.10	
	Nairn ...	30.17	33	WNW	3	0	30.02	-12	30	29	-1	WNW	1	S	2	35	28	C. o.s.p	0.3	0.05	
	Aberdeen ...	30.10	32	NW	4	6c	30.00	-07	32	31	+2	WNW	3	0	3	34	29	C.s.p.g. bc.s.p	0.9	0.04	
	Leith ...	30.15	36	NW	2	C	30.05	-10	33	31	0	WSW	1	6	*	37	31	b. bc	*	-	
	North Shields	30.12	34	WNW	3	C	30.05	-01	33	33	+2	WNW	2	C	3	36	30	C	*	-	
	Spurn Head ...	30.04	35	NW	6	C	29.96	+01	33	33	0	NW	5	6	4	35	31	sp.g. c.g. bc	*	-	
	Yarmouth ...	30.06	34	NW	4	6c	29.97	+06	31	31	-2	NW	4	C	6	37	30	bc. sp.g. bc	0.0	0.11	
Clacton-on-Sea ...	30.11	33	WNW	5	6	30.04	+06	30	29	-5	WNW	3	6	2	35	29	bc. b	6.0	-		
Nottingham ...	30.17	35	NNW	3	6	30.07	-01	30	29	-7	WSW	1	bm	*	37	30	C. b	4.3	-		
Bath ...	30.25	34	NW	1	0	30.14	+01	36	34	-3	NW	1	0	*	41	32	b. o	6.0	-		
Oxford ...	30.23	31	NW	3	6	30.11	-01	33	31	-4	W	2	6c	*	38	30	o. bm. b	*	-		
London (St. James's Pk)	30.18	34	NW	3	6	30.07	+04	30	30	-8	WNW	1	6c	*	40	29	sp. bc. b. bc	3.8	-		
FRANCE.	The Scaw (Skagen)	29.32	31	N	6	5	29.39	+06	30	30	-4	N	8	0	3	36	27	*	*	0.08	
	Fanö ...	29.50	32	NW	6	C	29.54	+08	28	27	-5	NNW	4	6c	*	36	28	*	*	0.12	
	Cuxhaven†...	29.56	34	NW	7	0	29.58	+09	33	89	0	NNW	7	og	*	36	32	*	*	0.04	
	The Helder ...	29.87	35	NNW	7	C	29.83	+10	35	35	-1	NW	6	S	5	37	31	*	*	-	
	Brusseis ...	*	*	*	*	*	29.96	+08	32	31	0	WNW	4	S	*	35	31	*	*	0.16	
	Berlin†...	29.48	34	W	2	C	29.45	-22	34	88	+11	W	3	0	*	34	23	*	*	0.24	
	Frankfurt†...	29.86	32	SW	4	6	29.84	+01	35	96	+9	SW	5	S	*	36	26	*	*	0.08	
	Munich†...	29.89	27	W	6	C	29.90	-12	24	90	+3	SW	6	0	*	32	21	*	*	0.12	
	C. Gris Nez ...	30.10	35	NNW	5	C	30.07	+08	34	33	-6	NW	5	0	5	41	34	*	*	-	
	La Hève ...	30.17	37	NNW	5	C	30.12	+02	38	37	-3	N	5	C	5	41	36	*	*	-	
	Brest ...	30.27	45	NNE	2	C	30.26	+01	44	41	+2	N	2	C	2	48	39	*	*	-	
	Lorient ...	30.18	44	N	3	6c	30.25	+06	40	39	+2	N	1	0	1	50	37	*	*	-	
Rochefort ...	30.19	42	N	3	6	30.23	+02	33	32	+3	Z	0	C	*	52	30	6	*	-		
Biarritz ...	30.16	47	ENE	2	6	30.21	+03	37	34	+3	S	2	0	2	54	36	*	*	-		
SPANISH PENIN.	Paris ...	30.13	33	NNW	2	6	30.12	+06	34	28	0	SW	2	0	*	34	?	*	*	-	
	Belfort...													*	*	*	*	*	*	-	
	Lyons ...	30.05	?	W	?	?	30.19	-03	27	25	+3	N	1	6c	*	39	24	ts. sp.	*	-	
	Nice ...	?	44	W	4	6c	?	?	37	31	0	Z	0	6	4	48	34	*	*	-	
	Perpignan ...	30.07	43	Z	0	6	30.05	-10	41	35	+9	NW	4	6	*	55	35	*	*	-	
	Sanguinaire ...													*	*	*	*	*	*	-	
SPANISH PENIN.	Corunna ...	30.16	53	SE	3	0	30.25	+16	37	?	-9	ESE	1	C	2	54	37	*	*	-	
	Lisbon ...	30.01	50	E	4	0	30.04	+01	45	42	-7	NE	5	C	*	55	43	*	*	0.04	
	Azores (P. Delgada)...													*	*	*	*	*	*	-	
SPANISH PENIN.	Horta ...	30.14	61	S	4	0	30.08	-24	59	56	+2	NNW	4	6c	2	61	59	*	*	0.67	

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

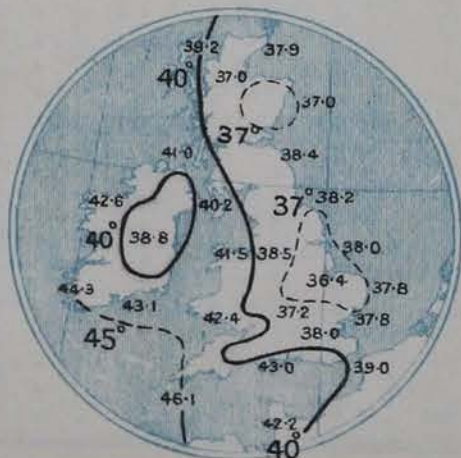
7 A.M. YESTERDAY



6 P.M. YESTERDAY



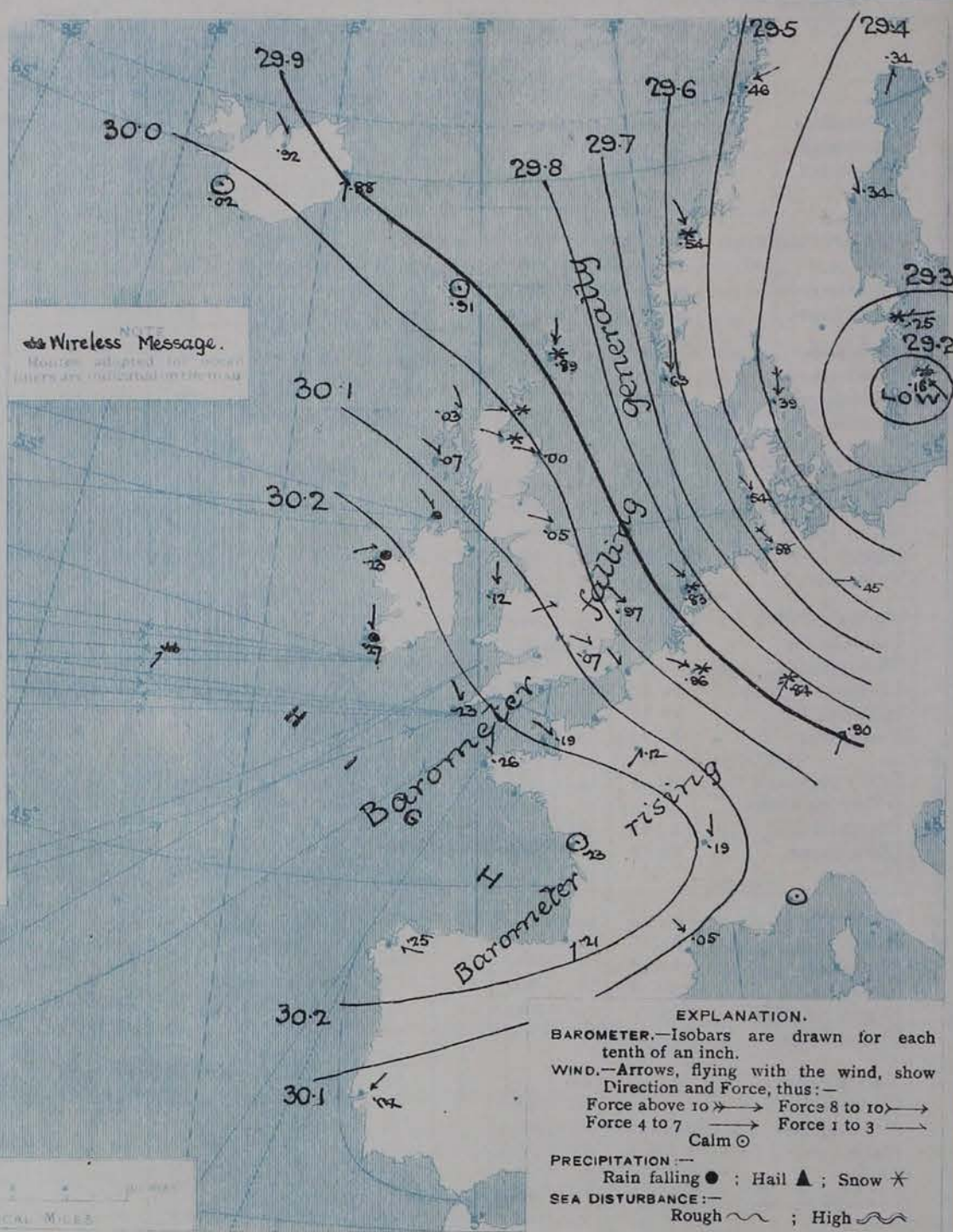
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO MONTHLY PERIOD
JANUARY - FEBRUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Sunday.

WEATHER 31st Jan.

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



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

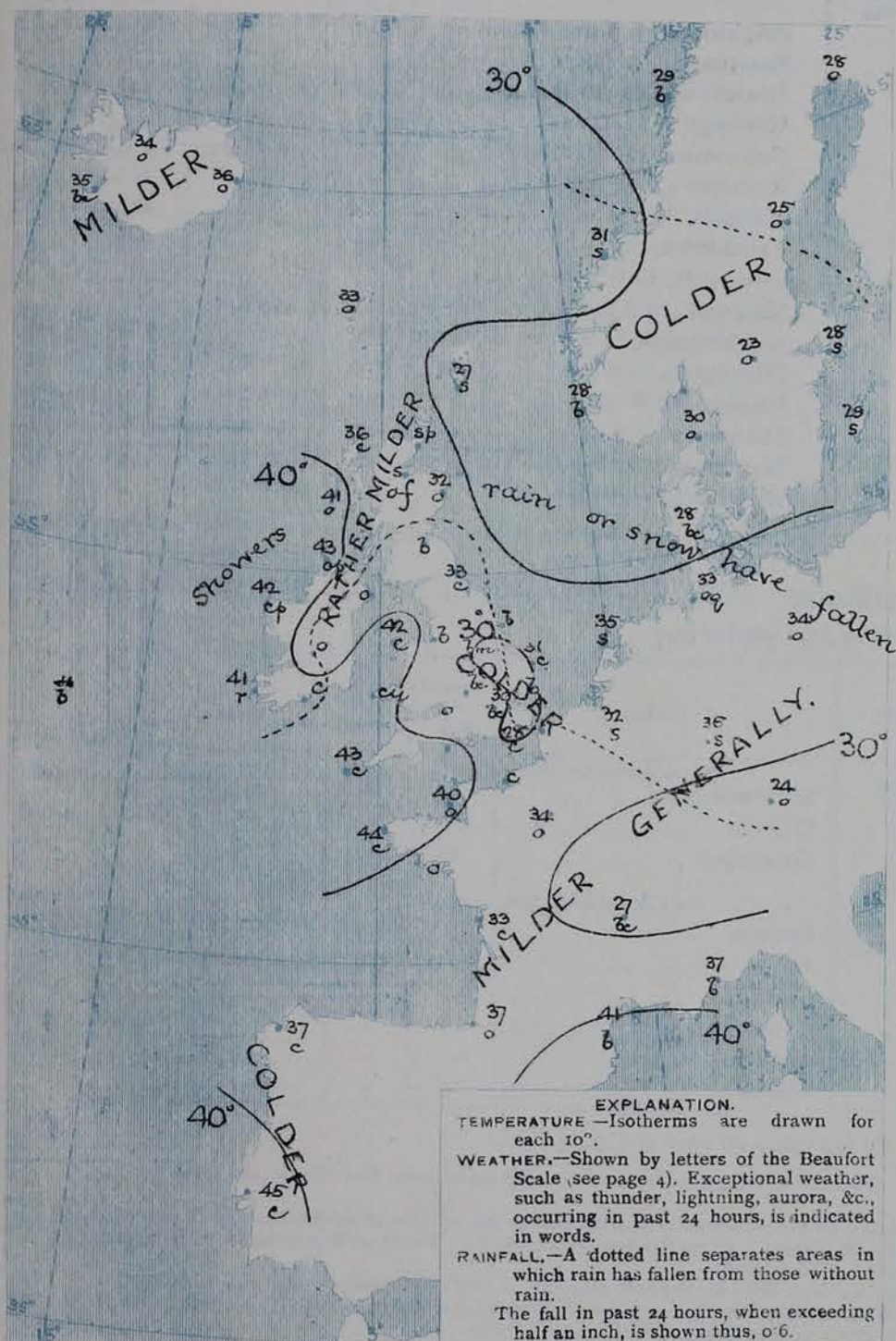
NOTES ON THE GENERAL SITUATION AT 7 A.M.

The Atlantic anticyclone is being slowly transferred from beyond Ireland to the Bay of Biscay region, and the barometer is above 30.2 ins. from South-Western Ireland to Western France. In a depression centered over the Baltic pressure is below 29.2 ins. There is a considerable gradient on the eastern side of the North Sea, elsewhere it is slight.

W. to S.W. breezes are reported at the German stations. S.E. to E. in Southern Sweden, but over the rest of the region under observation N. to W. breezes prevail. On the eastern shores of the North Sea they are fresh to strong or high in force, a gale at Skagen, but generally they are gentle to very light. Temperature has changed irregularly. At the home stations it ranges from 27° at Sunburch Head to 43° at Malin Head, Pembroke, and Scilly; in Scandinavia from 23° at Karlstad to 31° at Christiansund; Over Western Europe from 24° at Munich to 44° at Brest, and 45° at Lisbon; in Iceland from 26° to 30°. On the upper part of the Bay of Biscay the air temperature is 47°, that of the sea water 51°. Other than some local clear patches the sky at home and abroad is generally very cloudy, or overcast, rain showers are falling on the Irish coast, snow in the north-east of Scotland, the Low Countries, and in various parts of Scandinavia. The sea is rough off Yarmouth and Christiansund, rather rough off Shetland and along the southern shores of the North Sea, moderate to very smooth on other coasts.

CHARTS 31st January, 1909.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose above 45° only at some of the south-western coast stations; in many parts of Britain it remained below 40°, not exceeding 29° at Sumburgh Head. Slight frost occurred in the night at a number of stations, but the thermometer in the shade fell to 25° at Dungeness, and to 24° at Sumburgh Head. Slight showers of rain or snow have been experienced in many localities. The duration of bright sunshine was very variable, several places had none or less than an hour, while Torquay had 6.6 hours, and Dover 7.8 hours. Wireless reports from steamers show that light variable breezes and fair to fine weather prevailed on the Atlantic as far as longitude 20 W.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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

0
1
2
3
4
5
6
7
8
9
10

None Issued.

WESTERN CHANNEL AND BAY

FORECAST DISTRICTS.

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

South Cone.

North Cone.

South Cone.

North Cone.



None

Issued.

DAILY WEATHER REPORT.

Sunday, 31st January, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	42	35	bc, c	*	-	Brighton, to 6 p.m. ...	0	0	*		
Rossall Beach, to 6 p.m....	41	33	c	*	-	Eastbourne, to 6 p.m. ...	*	*	*		
Blackpool, to 9 p.m. ...	42	33	bc, c	6.0	-	Bexhill-on-Sea, to 9 p.m.	43	30	*	3.9	-
Southport, to 9 p.m. ...	42	33	b, c	5.7	-	Hastings	*	*	*	4.8	*
Rhyl, to 6 p.m.	*	*	*	1.0	0.04	Folkestone, to 6 p.m. ...	41	32	ov, b, bc	6.4	0.02
Colwyn Bay, to 6 p.m. ...	40	38	bc, c	0.3	-	Ramsgate, to 6 p.m. ...	*	*	*	6.3	-
Llandudno, to 9 p.m. ...	41	37	o	0.0	-	Margate, to 6 p.m. ...	37	35	f, b	5.2	0.03
Bettws-y-Coed, to 6 p.m.	*	*	*	*	*	Felixstowe, to 6 p.m. ...	36	29	*	5.4	0.05
Towyn, to 6 p.m.	43	37	bc, b, c	5.3	-	Lowestoft, to 6 p.m. ...	*	*	*		
Aberystwyth, to 6 p.m. ...	44	38	*	3.3	-	Skegness, to 6 p.m....	35	31	c, bc, c	4.1	-
Plymouth, to 9 p.m. ...	*	*	*	*	*	Scarborough, to 9 p.m. ...	42	32	o	0.5	-
Torquay, to 6 p.m....	47	37	*	6.6	-	Harrogate, to 6 p.m. ...	39	29	c, b, bc, b	5.0	-
Weymouth, to 6 p.m. ...	46	36	bc, b	6.3	-	Buxton, to 6 p.m. ...	37	27	ov, bc, bc, c	6.0	0.04
Bournemouth to 6 p.m. ...	42	36	c, b	6.4	0.01	Darwen, to 9 p.m. ...	38	29	o, bc	4.7	-
Southsea, to 6 p.m....	*	*	*	5.8	-	Manchester, to 9 p.m. ...	42	33	o, b, bc, c, o	4.5	-
Worthing, to 6 p.m. ...	40	31	f, bc, c, bc	5.9	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. 30th January, 1909	TEMPERATURE F.		WEATHER	RAIN.	STATIONS. 30th January, 1909	TEMPERATURE F.		WEATHER	RAIN.
	Max.	Min.				Max.	Min.		
Madeira	66	48	bc, o	Ins.	St. Petersburg	25	9	o, b	Ins.
Marseilles	52	27	c, b	-	Utrecht	39	16	m, c	0.04
Malta	56	49	bc	-	Groningen	41	21	o, s	-
Algiers	59	45	c, bc	0.04	29th January, 1909. 1.30 p.m.				
Tunis	55	39	c, b	-	Geneva	32	*	b	Measured 7.30 a.m.
Palermo	53	40	o, b	0.04	Berne	34	*	b	-
Naples	46	39	b, bc	-	Coire	36	*	b	-
Brindisi	50	35	b, c	-	Castasegna	34	*	b	-
Florence	47	24	b, b	-	Lugano	41	*	b	-
Rome	48	30	b, b	-	Davos	25	*	b	-
Vienna	23	9	b, b	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

WIRELESS TELEGRAMS.

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Dirac.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
	0	0	Ins.				0	0	0	
Jan 26. 4 a.m.	47 N.	33 W.	29.37	W	6-7	-	-	-	-	-
" 7 a.m.	46 N.	35 W.	29.40	WNW	4-5	c	-	-	-	-
" 3 p.m.	45 N.	39 W.	29.68	NNE	6-7	-	-	-	-	-
" 6 p.m.	44 N.	41 W.	29.74	NNE	6-7	bc	-	-	-	-
Lake Michigan { Jan 31. 3 p.m.	50 N.	15 W.	30.36	Z	0	-	-	-	-	-
" 6 p.m.	50 N.	16 W.	30.36	SE	1-3	c	-	-	-	-
Embarks { Jan 30. 3 p.m.	51 N.	12 W.	30.48	NE	1-3	-	-	-	-	-
" 6 p.m.	51 N.	13 W.	30.34	NE	1-3	b	-	-	-	-
HM.S. { Jan 31. 4 a.m.	48-15 N.	5-49 W.	30.25	N	2	c	45	41	51	2
" 7 a.m.	49-43 N.	6-15 W.	30.25	N	1	c	47	42	51	2

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

31st Jan & 1st Feb 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.40 7.38	12.7 12.7	4.34 4.36
Greenwich	7.43 7.41	12.14 12.14	4.45 4.47
Wick	8.24 8.21	12.26 12.26	4.28 4.31
Valencia	8.26 8.25	12.55 12.55	5.24 5.25

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

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

W. N. SHAW, (Director.)

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.	
				At 32° and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12).	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.			Dirac.	Force (0 to 12).				Max.	Min.
1 st	Castlebay	Ins.	°	-	-	-	Ins.	Ins.	51	50	+1	SW	4	o	4	51	45	c, b, p	Hours. 1.3	Ins. 0.03	
"	Rochefort.	30.39	38	ESE	1	c	30.20	+1.35	51	50	+1	SW	4	o	4	51	45	c, b, p	1.3	0.03	
"	P. Delgada.	30.00	60	S	5	c	30.70	+1.12	37	37	+3	ESE	1	o	4	46	34	-	-	-	
2 nd	Corunna.	30.53	57	ENE	1	b	29.97	-1.10	57	56	-4	ESE	1	r	4	63	55	-	-	0.47	
"	Lisbon.	30.44	52	N	4	b	30.51	+1.04	43	41	-2	ENE	1	c	5	59	37	-	-	-	
"	P. Delgada.	30.10	60	ESB	5	bc	30.20	+1.10	44	42	-3	N	4	b	-	57	43	-	-	-	
5 th	Corunna.	30.50	54	ENE	2	b	30.20	+1.23	61	59	+4	ESE	4	c	4	63	57	-	-	-	
"	Lisbon.	30.39	50	NNE	3	b	30.54	+1.08	47	43	+7	ESE	3	c	3	55	40	-	-	-	
"	P. Delgada.	30.13	60	ESE	3	c	30.48	+1.08	42	41	0	NNE	4	b	-	54	42	-	-	-	
6 th	Corunna.	30.62	57	ESE	1	b	30.13	-1.01	60	58	0	ESE	5	o	3	64	57	-	-	-	
"	P. Delgada.	30.12	57	SE	2	m	30.66	+1.08	41	39	-6	ESE	1	f	3	59	37	-	-	-	
7 th	Stormway.	-	-	-	-	-	30.15	+1.02	61	59	+1	SE	5	o	5	63	55	-	-	0.59	
"	Rochefort.	30.54	24	NNW	4	o	29.81	-1.54	37	37	0	WNW	7	c	6	44	34	bcy, hrsq	1.6	0.25	
"	Corunna.	30.63	54	SE	1	b	30.52	-1.05	24	22	0	NNW	4	o	-	27	21	-	-	-	
"	Lisbon.	30.47	48	NNW	4	b	30.66	-1.00	50	48	+9	E	3	f	5	57	41	-	-	-	
"	P. Delgada.	30.26	61	ESE	5	bc	30.45	-1.00	43	38	+1	NNE	4	bc	-	55	39	-	-	-	
8 th	Stormway.	29.81	37	NW	6	c	30.46	+1.31	60	57	-1	ESE	5	c	5	63	57	-	-	-	
"	The Helder.	29.86	40	WSW	6	r	29.91	+1.10	37	37	0	NW	7	cq	6	40	33	cs, hp, cq	0.9	0.24	
"	Lisbon.	30.39	49	N	4	b	29.63	-1.56	40	37	-1	NW	6	c	5	43	36	-	-	0.08	
"	P. Delgada.	30.63	59	E	5	bc	30.41	-1.04	44	40	-1	NNW	4	bc	-	52	43	-	-	-	
9 th	Spurn Head.	29.75	40	NNE	9	c	30.66	+1.20	59	51	-1	E	5	o	4	63	52	-	-	-	
"	Corunna.	30.30	52	NNW	6	o	30.19	+1.45	38	35	+2	NW	5	c	6	42	33	cq, sp, cq	-	0.11	
"	P. Delgada.	30.67	56	ENE	4	o	30.38	-1.19	52	49	0	N	7	o	8	55	46	-	-	0.04	
11 th	Rochefort.	-	-	-	-	-	30.65	-1.01	55	51	-4	ENE	1	o	3	64	54	-	-	-	
"	Blondus.	-	-	-	-	-	28.73	-1.24	11	-	-15	SE	1	b	-	-	-	-	-	-	
"	Seydisfjord.	-	-	-	-	-	28.85	-1.21	6	-	-14	Z	0	o	-	-	-	-	-	-	
"	Thorshavn.	-	-	-	-	-	28.78	-1.31	20	-	-2	Z	0	o	-	-	-	-	-	-	
"	Sumburg H.	-	-	-	-	-	28.70	-1.62	32	-	-4	Z	0	o	-	-	-	-	-	-	
"	Corunna.	30.39	52	NE	1	bc	28.84	-1.96	36	35	-4	W	2	r	4	43	34	o, r	-	0.58	
"	P. Delgada.	30.56	53	NNE	1	b	30.34	-1.04	52	50	+9	WSW	3	o	5	55	43	-	-	-	
12 th	Corunna.	30.30	54	WSW	3	r	30.58	-1.00	53	49	+1	NE	2	o	2	57	50	-	-	-	
"	Lisbon.	30.45	47	Z	0	r	30.38	+1.04	52	50	0	SW	3	o	7	55	48	-	-	3.27	
"	P. Delgada.	30.52	56	SSE	4	b	30.60	+1.25	47	46	-1	Z	0	f	-	54	46	-	-	0.08	
13 th	P. Delgada.	30.52	60	W	1	bc	30.50	-1.08	58	53	+5	SSW	4	o	3	58	53	-	-	-	
14 th	Blackhead.	-	-	-	-	-	30.50	-1.00	58	57	0	WSW	1	r	3	63	57	-	-	-	
"	Corunna.	30.26	55	SW	3	o	29.30	-1.03	42	39	-2	W	6	cq, hp	5	48	37	cq, hp	-	0.38	
"	Lisbon.	30.36	53	Z	0	o	30.18	-1.08	53	52	-	W	5	f	6	59	50	-	-	0.16	
"	P. Delgada.	30.43	57	W	3	bc	30.26	-1.16	54	54	+3	SW	4	r	-	55	50	-	-	-	
15 th	Castlebay	29.76	40	S	2	o	30.29	-1.21	60	59	+2	W	4	o	3	63	50	-	-	0.04	
"	Blackhead.	-	-	-	-	-	28.85	+1.03	36	33	-7	WNW	4	c	4	43	34	c, hp, r, sc	0.5	0.39	
"	Corunna.	30.10	59	SSE	3	o	29.12	-1.18	26	34	-6	W	6	cq, hp	5	48	43	om, r, sc, cq	-	0.32	
"	Lisbon.	30.15	55	WSW	3	r	29.84	-1.34	59	55	+6	SSE	4	o	8	61	53	-	-	0.08	
"	P. Delgada.	30.17	60	WNW	5	o	30.12	-1.14	55	55	+1	SW	1	o	-	57	54	-	-	0.04	
16 th	Rochefort.	29.79	48	W	4	bc	30.09	-1.20	60	59	0	W	5	m	3	61	59	-	-	0.04	
"	Corunna.	29.86	54	NW	2	o	29.99	+1.34	48	46	-6	WNW	4	c	-	54	46	r, bc	-	0.39	
"	Lisbon.	30.08	56	SW	4	r	30.47	+1.63	51	46	-8	WNW	3	o	7	61	45	-	-	0.12	
"	P. Delgada.	30.14	54	NE	5	r	30.15	+1.03	52	49	-3	N	3	o	-	57	52	-	-	0.59	
18 th	Castlebay.	29.27	47	WSW	5	o	30.25	+1.16	55	51	-5	NE	3	bc	3	63	54	-	-	0.28	
"	Corunna.	30.39	52	NW	1	b	29.23	-1.09	47	44	-2	W	3	o	4	50	43	qpm, op	0.0	0.25	
19 th	Corunna.	30.18	55	S	3	o	30.26	-1.24	48	46	+9	S	3	o	7	55	39	-	-	-	
"	P. Delgada.	30.29	51	ENE	4	b	30.28	+1.02	46	44	-2	NNW	3	r	8	57	43	-	-	0.32	
20 th	Spurn Head.	30.12	37	SE	2	bc	30.44	+1.24	48	45	-5	NE	3	bc	3	59	48	-	-	-	
"	P. Delgada.	30.40	51	ENE	3	b	30.26	+1.21	34	33	0	NW	1	c	-	37	34	-	-	-	
22 nd	Corunna.	30.17	49	NE	1	bc	30.35	-1.09	52	48	+4	ENE	3	c	3	57	48	-	-	-	
"	Lisbon.	29.79	45	NE	5	o	30.11	-1.12	49	45	+7	ENE	1	c	5	52	41	-	-	-	
"	P. Delgada.	30.31	54	NE	3	b	29.78	-1.10	47	45	+3	NE	6	c	-	47	43	-	-	0.12	
23 rd	Corunna.	30.08	52	ENE	3	b	30.29	-1.03	53	50	+2	NNE	5	bc	3	57	51	-	-	-	
"	P. Delgada.	30.30	54	NNE	2	b	30.18	+1.07	48	45	-1	N	3	o	7	54	39	-	-	-	
24 th	The Helder.	30.19	28	E	3	b	30.24	-1.05	50	46	-3	NNE	3	b	2	59	48	-	-	-	
25 th	Corunna.	30.04	50	NE	1	o	30.25	-1.01	29	-	+4	E	2	c	2	30	25	-	-	-	
26 th	Corunna.	30.22	46	SE	1	r	30.17	+1.16	44	41	0	NE	1	b	5	52	41	-	-	-	
"	Lisbon.	30.23	48	N	5	b	30.40	+1.23	36	34	-8	SE	1	f	4	50	32	-	-	-	
"	P. Delgada.	29.96	61	S	5	o	30.25	+1.04	45	42	+3	ENE	1	b	-	52	42	-	-	-	
27 th	Spurn Head.	30.53	36	SSE	1	b	29.89	-1.14	61	59	+1	S	5	o	5	63	59	-	-	0.08	
"	Corunna.	30.36	50	NE	1	b	30.54	+1.05													

REPORTS FOR January, 1909.

2. CORRECTIONS.

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 82° 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.			
		Ins.	°				Ins.	Ins.	°	°	°							Hours.	Ins.
1 st	Scilly.	-	-	-	-	-	-	-	-	48	-	SW	4	-	-	-	48	-	-
"	Wairu.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	-
2 nd	London.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	-	-
3 rd	Scilly.	-	-	-	-	-	-	-	53	49	+2	-	-	-	-	-	-	-	-
4 th	Dunganss.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
5 th	Woburn Head	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	45	-	-
6 th	Sunbury Hd.	-	-	-	-	-	-	-	-	47	-	-	-	-	-	-	-	-	-
7 th	Valencia.	30.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 th	Blackssd Pt.	-	-	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 th	Scilly.	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 th	Blackssd Pt.	-	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 th	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 th	Holyhead	-	-	-	-	-	29.95	-58	-	-	-	-	-	-	-	-	-	-	No rain
13 th	Pembroke.	-	-	-	-	-	29.98	-44	45	-	-	-	-	-	-	-	-	-	-
14 th	Jersey.	-	-	-	-	-	30.02	-51	-	-	-	-	-	-	-	-	-	-	-
15 th	Castlebay	-	-	-	-	bc	-	-	-	-	-	-	-	-	-	-	-	-	-
16 th	Clacton-on-Sea.	-	-	-	-	-	-	-	-	-	-	-	bc	-	-	-	-	-	-
17 th	Yarmouth.	-	-	-	-	om	-	-	-	-	-	-	-	-	-	-	-	-	-
18 th	Castlebay.	-	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19 th	Holyhead.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 th	Karlstad.	-	-	-	-	-	-	-	20	-13	-	-	6	-	-	-	44	-	-
21 st	Yarmouth.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-
22 nd	Dover.	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-
23 rd	Aberdeen.	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	0.54
24 th	Yarmouth.	-	-	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25 th	Blackssd Pt.	29.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26 th	Clacton-on-Sea	-	-	-	-	bc	-	-	-	-	-	-	-	-	-	-	-	-	-
27 th	Blackssd Pt.	29.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28 th	Dunganss.	-	-	-	-	-	-	-	41	-3	-	-	-	-	-	-	-	-	-
29 th	Yarmouth.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-
30 th	Bath.	29.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31 st	Sunbury Hd.	29.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-
1 st	Wick.	29.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 nd	Woburn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-
3 rd	Wairu	-	-	-	-	r	-	-	-	-	-	-	-	-	-	-	-	-	-
4 th	Clacton-on-Sea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-
5 th	Botttingham	30.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 th	Dunganss	-	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 th	Wick.	-	-	-	-	-	30.16	-	-	-	-	-	-	-	-	-	-	-	-
8 th	Leith.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	od, oe, op	-
9 th	Rock's Point.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-
10 th	Dover.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-
11 th	Valencia.	-	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 th	Kaparanda.	-	-	-	-	-	? 30.62	+52	-	-	-	-	-	-	-	-	-	-	-
13 th	Blackssd Pt.	30.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14 th	Aberdeen.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-
15 th	Clacton-on-Sea	-	-	-	-	-	-	-	-	-	-	-	bcmx	-	-	-	-	-	-
16 th	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-
17 th	Scilly.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-
18 th	Dunganss.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-
19 th	Dover.	-	-	-	-	-	-	-	28	-	-	-	-	-	-	-	-	-	-
20 th	Valencia.	-	-	-	-	-	30.13	-11	-	-	-	-	-	-	-	-	-	-	0.02
21 st	Wick.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22 nd	Spurn Head.	-	-	-	-	-	-	-	-	-	-	-	om	-	-	-	-	-	-
23 rd	Clacton-on-Sea.	-	-	-	-	-	-	-	-	-	-	-	bc	-	-	-	-	-	0.01
24 th	Jersey.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25 th	Clacton-on-Sea	-	-	-	-	-	-	-	-	-	-	-	bc	-	-	-	-	-	-
26 th	Bath.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-