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METEOROLOGICAL OFFICE.

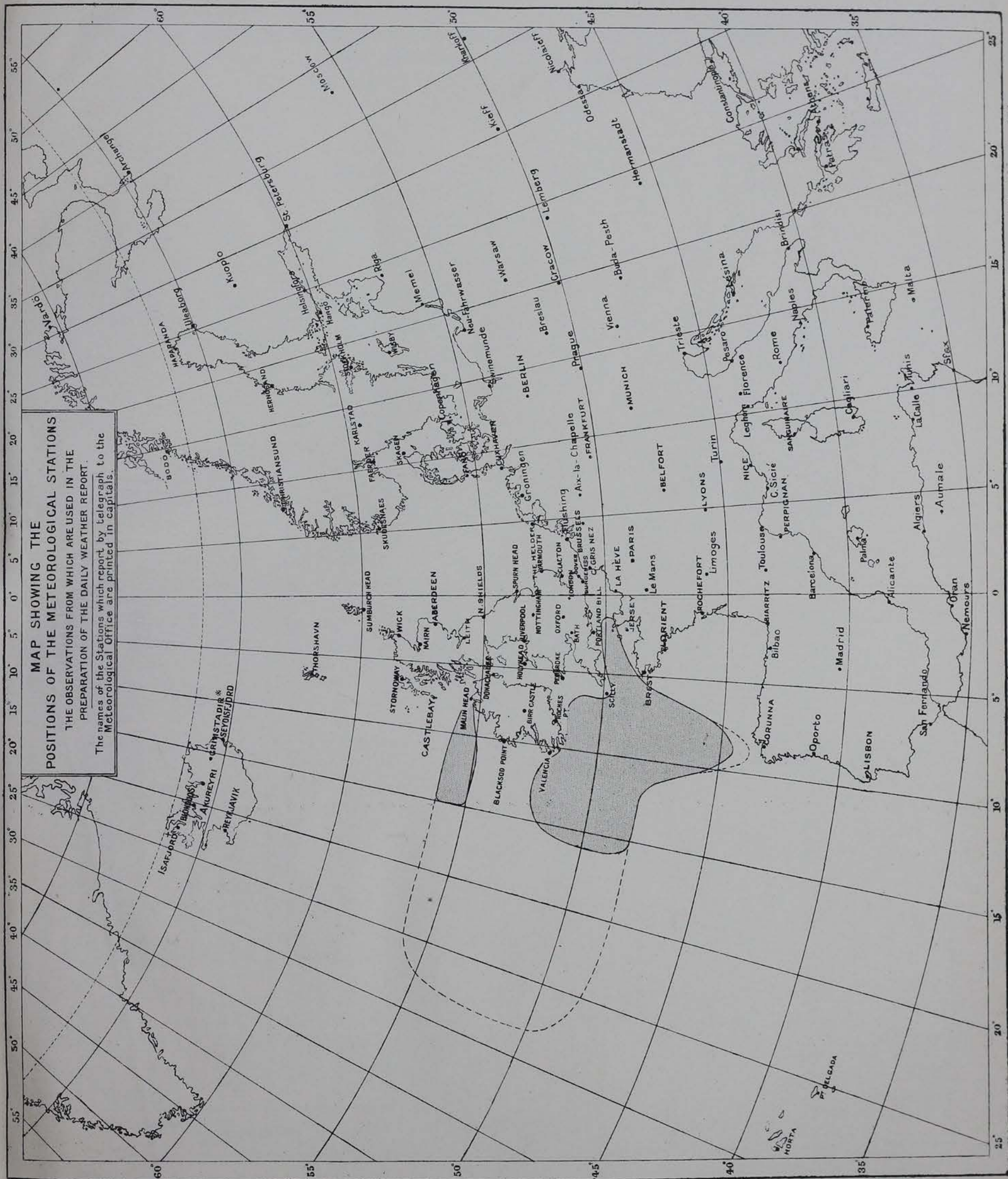
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# DAILY WEATHER REPORTS.

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1<sup>ST</sup> JANUARY TO 30<sup>TH</sup> 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	29.691	39.6	38.2	42.6	35.4	52	1893	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]†	[2.64]†	—	—	
Blackod Point	29.854	42.7	41.3	46.6	38.9	(56)†	[1890]†	[26]†	[1891, 94]†	[26]†	[4.94]†	—	—	
Valencia	29.920	44.4	42.7	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	55	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]**	[54]**	[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	34.0	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	—	—	



# 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.)

	STATIONS.	PRESSURE. 1871-1905.  8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905.		BRIGHT SUNSHINE. 1881-1905.	
			Means of				Absolute Extremes.				Days with Rain.	Total Fall.	Average Duration.	Per Cen- tage of Possible Duration
			Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
							Temp.	Year.	Temp.	Year.				
APRIL.		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]†	—	—
	Blackod 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]†	—	—
	Blackod 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	1893	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]¶	[1'66]¶	[236'7]¶	[49]¶
	Nottingham.....	29'987	50'6	47'3	60'4	42'5	82	1895	25	1879	15	1'92	[160'9]¶	[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]†	—	—
	Blackod 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	30	1888	15	1'85	186'9	36
	Leith.....	29'953	55'9	52'3	63'6	48'1	86	1887	34	1886	13	1'92	—	—</

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

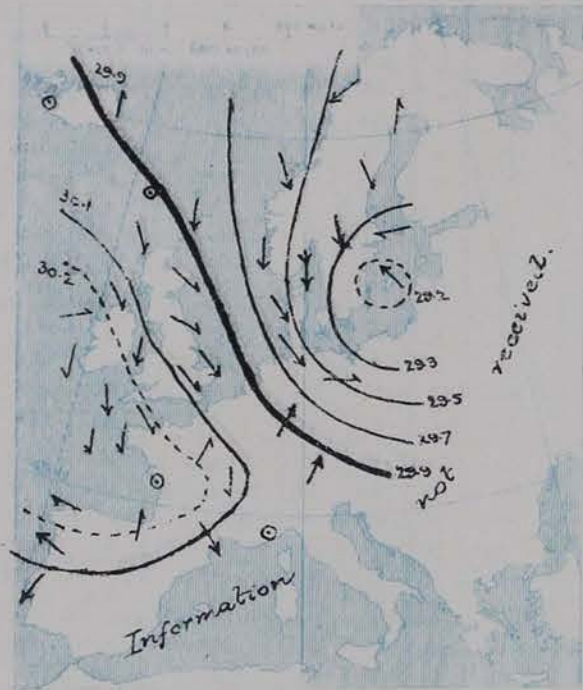
Monday  
1st February, 1909.

STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.	Force (0 to 12).	Weather.		Barometer.	Temperature.			Wind.	Force (0 to 12).	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
	At 82° Fahr. and M.S.L.	Dry Bulb.	Dir.				At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.			Max.	Min.					
SCANDINAVIA.	Ins.	"					Ins.	Ins.	"	"	"				"	"		Hours.	Ins.		
	Haparanda...	29.34	19	S	2	o	29.44	+10	10	9	-18	SE	2	b	30	210	*	*	0.16		
	Hernösand...	29.32	22	N	0	s	29.42	+08	19	18	-6	N	2	s	28	219	*	*	0.12		
	Stockholm...	29.25	22	N	2	o	29.30	+05	20	19	-8	NNE	2	s	34	220	*	*	0.08		
	Wisby...	29.17	24	NNE	4	o	29.21	+03	23	21	-6	NE	4	s	32	23	*	*	0.16		
	Karlstad...	29.36	17	NNW	2	b	29.41	+06	20	20	-3	N	4	o	*	*	*	*	-		
	Færder (X'ania Fjord)																				
ICELAND & FAEROE.	Bodö...	29.44	19	Z	0	b	29.53	+07	18	15	-11	NNE	1	b	129	16	*	*	-		
	Christiansund...	29.52	30	N	3	s	29.57	+03	29	28	-2	N	2	s	32	23	*	*	0.24		
	Skudesnaes...	29.60	30	N	4	b	29.60	-03	27	26	-1	N	4	b	32	27	c, b	*	-		
	Keykjavik...	30.04	34	W	1	o	29.72	-30	26	*	+1	S	3	o	*	*	*	*	*		
BRITISH ISLANDS.	Blönduós...	30.03	31	Z	0	b	29.76	-22	35	*	+1	SSW	1	o	*	*	*	*	*		
	Seydisfjord...	30.03	33	ESE	2	o	29.89	+01	28	*	-8	Z	0	b	*	*	*	*	*		
	Thorshavn...	29.87	33	NNE	2	s	30.01	+10	31	*	-2	Z	0	o	*	*	*	*	*		
	Sumburgh Head	29.80	34	N	2	cp	29.82	-07	31	30	+4	N	2	b	3	35	27	cp	*	0.08	
	Stornoway...	29.90	39	WSW	3	r	30.02	-01	37	36	+1	NNW	2	c	2	41	35	bc, cp, dp	3.1	0.08	
	Castlebay (Barra Id.)	29.96	45	WNW	3	op	30.03	-04	42	40	+1	NNE	2	c	3	45	40	op, o, cp, c	0.6	0.13	
	Malin Head...	29.99	44	WNW	3	cp	30.00	-09	44	44	+1	NNW	3	cg	3	45	41	comp, bep	*	0.04	
	Blacksod Pt. ...	30.17	44	W	3	bc	30.13	-10	44	43	+2	W	2	cp	1	46	39	bcp	*	0.09	
	Valencia...	30.21	43	NW	1	c	30.18	-09	45	43	+4	N	2	c	4	47	25	bc, c	2.4	0.01	
	Roche's Point...	30.19	44	NW	3	c	30.15	-11	41	41	0	NW	2	b	2	46	39	c, b, bc	*	-	
	Birr Castle...	30.14	43	Z	0	c	30.11	-09	42	41	+4	W	3	og	*	46	36	c, og	3.1	-	
	Donaghadee...	30.02	43	WSW	2	c	29.97	-16	43	41	+5	WSW	3	o	2	44	36	bc, cl, op	*	0.02	
	Liverpool Obsy...	30.02	40	WNW	4	r	29.93	-17	41	40	+3	W	5	o	3	42	36	bc, cl, r	0.0	0.12	
	Holyhead...	30.05	44	NW	4	op	29.98	-14	45	45	+3	NW	5	p	4	45	41	c, op	*	0.04	
	Pembroke (St. Ann's Hd.)	30.11	45	WNW	5	c	30.04	-13	44	43	+1	NW	5	cg	4	46	42	cu, bc, c	1.5	-	
	Scilly (St. Mary's)...	30.17	45	W	4	o	30.12	-11	44	41	+1	WNW	4	c	2	48	42	o	0.4	0.02	
	Jersey (St. Aubins)...	30.14	42	NW	3	c	30.05	-14	45	42	+5	WNW	4	c	3	46	37	cg, c, op, c	0.7	0.02	
	Portland Bill...	30.07	45	NW	4	c	29.98	-16	44	43	+3	NW	5	b	4	46	40	bc, c	1.8	-	
	Dungeness...	29.99	36	WNW	3	m	29.83	-22	39	38	+11	WNW	3	r	3	39	26	cp, c, cp	1.1	0.04	
	Dover...	*	*	*	*	*	29.85	-22	39	37	+9	WNW	4	r	4	39	30	b, bc, og	1.8	0.04	
GERMANY, &c.	Wick...	29.82	34	SW	2	s	29.92	-05	36	33	+5	N	3	c	3	37	28	-	*	0.08	
	Nairn...	29.89	36	WSW	1	o	29.94	-08	38	36	+8	WNW	3	o	2	39	30	c, o	0.0	0.01	
	Aberdeen...	29.89	35	W	1	o	29.90	-10	36	35	+4	NNW	2	c	2	30	31	oap, bc, oap	1.5	0.02	
	Leith...	29.95	38	WNW	1	c	29.92	-13	40	38	+7	NW	1	cm	*	41	32	b, bc, og	*	-	
	North Shields...	29.93	37	W	2	o	29.86	-19	38	37	+5	WNW	2	c	2	38	30	o, p, c	*	-	
	Spurn Head...	29.90	36	WNW	4	c	29.78	-18	37	36	+4	NW	4	b	3	37	33	bc, c, cm	*	-	
	Yarmouth...	29.92	33	WNW	2	c	29.79	-18	35	35	+4	W	3	c	4	35	30	cp, c	0.0	0.12	
	Clacton-on-Sea...	29.98	34	WNW	2	o	29.83	-21	36	36	+6	WNW	3	c	2	37	29	bc, o, oap, c	1.0	0.02	
	Nottingham...	29.98	36	WNW	2	o	29.86	-21	41	39	+11	WNW	3	o	*	42	28	b, cm, s, cm	0.0	0.08	
	Bath...	30.07	43	WNW	1	o	29.98	-16	38	38	+2	NW	1	b	*	44	37	-	5.0	-	
FRANCE.	Oxford...	30.02	38	W	3	o	29.94	-17	40	39	+7	W	3	o	*	41	33	bc, o, bc, o, c	*	0.07	
	London (St. James's Pl.)	30.01	37	WNW	3	o	29.88	-19	39	39	+9	WNW	2	c	*	40	30	bc, o, o, c	0.0	0.06	
	The Scaw (Skagen)	29.39	33	NNE	5	b	29.42	+03	30	28	0	NNE	6	c	2	33	27	*	*	-	
	Fanö...	29.50	28	NW	2	b	29.49	-05	25	24	-3	NW	1	b	*	32	23	*	*	-	
	Cuxhaven†...	29.59	33	N	4	b	29.50	-08	32	36	-1	NNW	4	o	*	36	30	*	*	-	
	The Helder...	29.79	36	NW	5	c	29.69	-14	34	34	-1	NW	4	o	3	36	32	*	*	0.12	
	Brussels...	*	*	*	*	*	29.82	-14	32	32	0	WSW	2	s	*	35	28	*	*	0.08	
SPANISH PENIN.	Berlin†...	29.45	27	SW	4	b	29.47	+02	28	89	-6	NW	4	o	*	34	23	*	*	-	
	Frankfurt†...	29.78	32	SW	4	o	29.72	-12	32	96	-3	SW	4	o	*	35	32	*	*	-	
	Munich†...	29.84	25	W	6	s	29.75	-15	25	95	+1	W	7	s	*	27	24	*	*	0.04	
	C. Gris Nez...	29.98	37	WNW	4	o	29.81	-26	39	39	+5	NW	4	r	5	39	34	*	*	0.04	
	La Hève...	30.08	41	N	5	o	29.96	-16	43	41	+5	NNW	6	o	7	43	38	*	*	0.04	
	Brest...	30.21	46	NW	4	o	30.15	-11	46	44	+2	NW	4	b	3	46	43	*	*	-	
	Lorient...	30.21	44	WNW	4	o	30.11	-14	44	43	+4	NW	4	o	2	45	40	*	*	-	
	Rochefort...	30.20	45	WNW	4	o	30.17	-06	42	41	+9	Z	0	b	*	48	33	*	*	-	
	Biarritz...	30.23	43	Z	0	o	30.22	+01	43	37	+6	SSE	2	o	1	46	30	*	*	-	
	Paris...	30.04	36	WSW	2	o	29.94	-18	35	35	+1	WSW	2	o	*	35	23	*	*	0.04	
SPANISH PENIN.	Belfort...														*	*	*	*	-		
	Lyons...	30.12	28	SE	4	o	30.07	-12	30	30	+3	S	1	s	*	33	27	*	*	-	
	Nice...	29.78	37	Z	0	b	29.85	?	36	30	-1	E	2	b	2	48	32	*	*	-	
	Perpignan...	30.08	41	NW	5	b	30.12	+07	41	34	0	NW	3	b	*	49	37	*	*	-	
SPANISH PENIN.	Sanguinaire...	29.83	50	NW	5	o	29.83		47	43		E	4		*	54	43	*	*	-	
	Corunna...														*	*	*	*	-		
SPANISH PENIN.	Lisbon...	30.08	51	NE	4	b	30.17	+13	44	41	-1	NE	4	b	*	57	43	*	*	-	
	Azores (P. Delgada)...														*	*	*	*	-		
SPANISH PENIN.	„ Horta...	30.23	58	NNE	1	b	30.23	+15	57	52	-2	NNW	2	c	2	63	55	*	*	-	

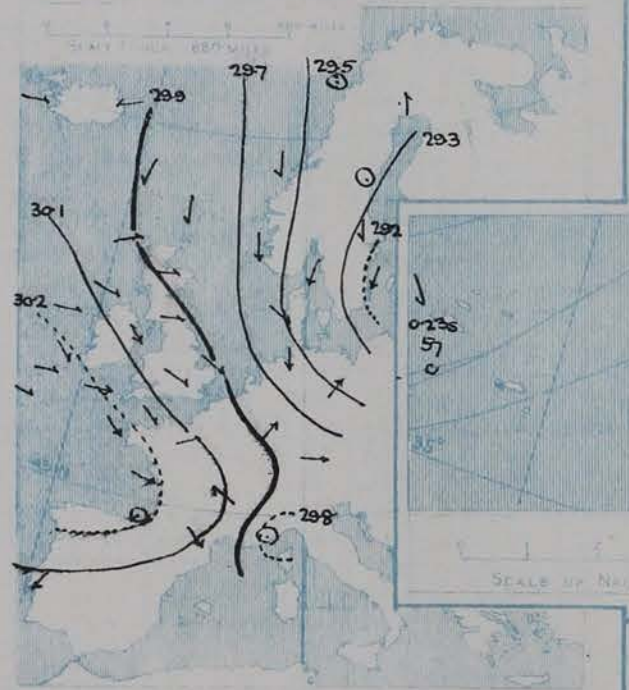


1<sup>st</sup> Feby. '09.

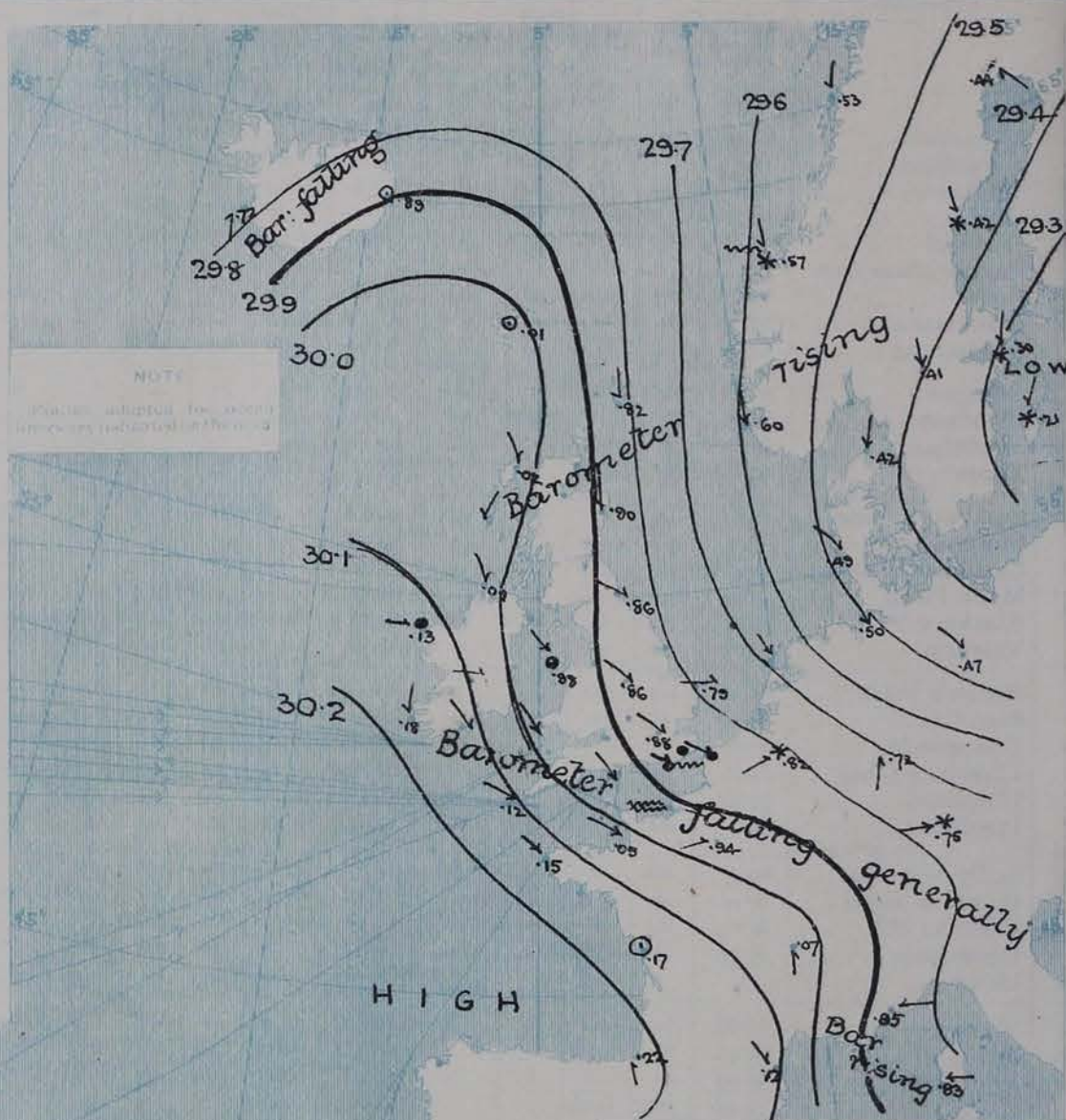
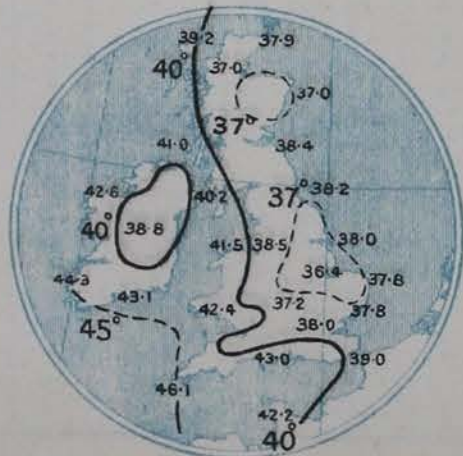
7 A M. YESTERDAY



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.)



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  $\longrightarrow$  Force 8 to 10  $\longrightarrow$   
Force 4 to 7  $\longrightarrow$  Force 1 to 3  $\longrightarrow$   
Calm ☉

**PRECIPITATION.**—

Rain falling ● ; Hail ▲ ; Snow \*

**SEA DISTURBANCE.**—

Rough ~~~~~ ; High ~~~~~

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

The general distribution of pressure remains unchanged. A large anticyclone extends from the southern parts of the North Atlantic over Spain and the Bay of Biscay. A depression is passing eastwards across the upper part of the Baltic, while another disturbance is approaching Iceland from the westward.

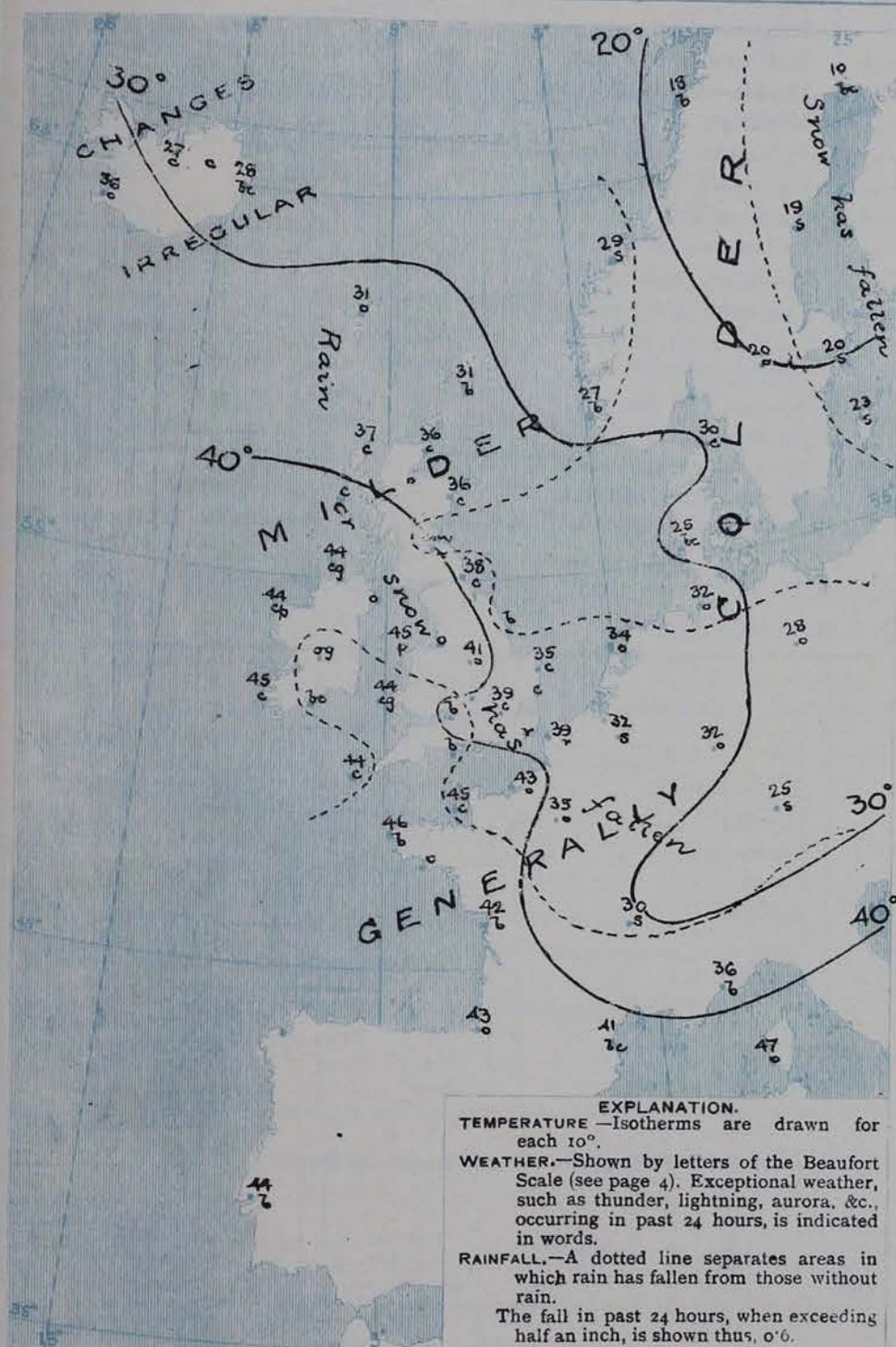
The wind is light from north in Scotland and Scandinavia, but is North-Westerly over England, Ireland and the north of France, and blows freshly on several parts of our western and southern coasts. In Ireland the approach of the new depression is marked by a shift of wind to the Southward, but at present the current is of little strength. Temperature has risen over the United Kingdom and France, where the readings now differ but little from the normal. At most of our own western and south-western stations the thermometer ranges between  $43^{\circ}$  and  $45^{\circ}$ , but in the northern and eastern parts of Great Britain it is below  $40^{\circ}$ . Frost prevails in Scandinavia, Denmark and Germany. The weather is fine at a few of our own southern stations, but is cloudy over western Europe as a whole. Showers are falling on some parts of our western coasts, and snow prevails at many of the Scandinavian stations, as well as at Brussels, Lyons and Munich. The sea is moderate or slight generally, but rough on the north coasts of France.



# CHARTS

1<sup>st</sup> February, 1909

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



## NOTES ON YESTERDAY'S WEATHER

Over the northern and eastern parts of Great Britain the maximum temperatures recorded yesterday were mostly below 40°, but on our west and southwest coasts the thermometer rose slightly above 45°. The amount of bright sunshine was generally small, but at Bath as many as five hours were recorded. A solar halo was seen yesterday at Oxford, and a lunar halo at Roche's Point.

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

There are no signs of any material change in the general conditions. The North-Westerly type of weather is likely to continue for the present, and temperature will remain at or somewhat below its normal level for the time of year, with cloudy weather in most districts, and local showers. The depression which is approaching Iceland will probably occasion a backing of the wind to West or South West on our extreme north and northwest 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 } Wind backing to W. or S.W.; fair at first, some rain or snow later; rather cold.

1 }  
2 }  
3 } W. or S.W. winds, light or moderate; cloudy, local showers; rather cold.

4 }  
5 }  
6 } W. or S.W. winds, light or moderate; cloudy, some showers; rather cold.

7 }  
8 } W. or S.W. winds, fresh; cloudy, some showers; rather cold.

9 } Same as No. 6.

10 } W. or S.W. winds, light; changeable, some showers; rather cold.

## 11 WESTERN CHANNEL AND BAY



Moderate to fresh W. or S.W. winds and a moderate sea; cloudy, some showers; rather cold.



## FORECAST DISTRICTS.

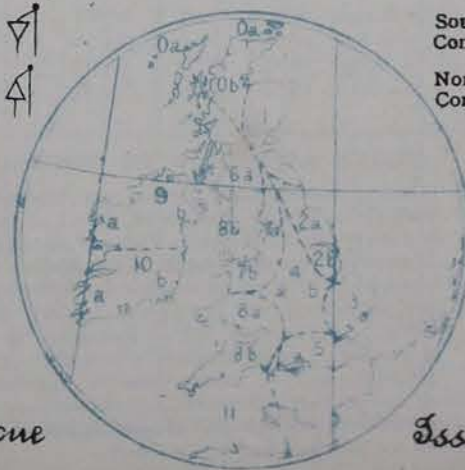
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.   
North Cone. 

South Cone.   
North Cone. 



No. 0

Issued.



## DAILY WEATHER REPORT.

Monday, 1st February, 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	36	c, bc	*	-	Brighton, to 6 p.m. ...	40	30	*	0.0	-
Rossall Beach, to 6 p.m....	39	34	c, ogy	*	0.04	Eastbourne, to 6 p.m. ...	39	30	*	0.2	-
Blackpool, to 9 p.m. ...	40	34	o, r, o	0.0	0.09	Bexhill-on-Sea, to 9 p.m. ...	39	28	c, p	0.8	-
Southport, to 9 p.m. ...	40	35	c, o, r, o	0.0	0.02	Hastings ...	*	*	*	1.4	*
Rhyl, to 6 p.m. ...	43	39	*	0.2	0.02	Folkestone, to 6 p.m. ...	37	28	b, bc, o	1.6	-
Colwyn Bay, to 6 p.m. ...	42	39	c, r	0.0	0.38	Ramsgate, to 6 p.m. ...	*	*	*	1.6	-
Llandudno, to 9 p.m. ...	45	37	or, op, or, o	0.0	0.08	Margate, to 6 p.m. ...	37	32	b, o	1.0	-
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m. ...	44	35	r, o	0.0	0.24	Lowestoft, to 6 p.m. ...	35	30	o, c, o, o, p, s	0.2	?
Aberystwyth, to 6 p.m....	43	39	*	0.0	0.07	Skegness, to 6 p.m....	37	30	o	0.2	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	38	31		0.0	
Torquay, to 6 p.m....	48	33	*	2.9	-	Harrogate, to 6 p.m. ...	36	28	bc, c, o	0.0	-
Weymouth, to 6 p.m. ...	46	30	bc	1.5	-	Buxton, to 6 p.m. ...	34	29	o, os, os	0.0	0.09
Bournemouth, to 6 p.m....	45	30	o, b, o	1.3	-	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m....	43	30	*	3.5	-	Manchester, to 9 p.m. ...	39	30	o, ot, o	0.0	0.03
Worthing, to 6 p.m. ...	41	28	c, o, c	0.0	-	Birmingham, to 9 p.m....					

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

STATIONS. 31st January 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 31st January 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
	°	°		Ins.		°	°		Ins.
Madeira ...	Observations not received.				St. Petersburg ...				
Marseilles ...					Utrecht ...				
Malta ...					Groningen ...				
Algiers ...					Berne ...		*		
Tunis ...					Zurich ...		*		
Palermo ...					Geneva ...		*		
Naples ...					Lugano ...		*		
Brindisi ...									
Florence ...					Coire ... 30th January, 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Rome ...					Castasegna ...	32	*	o	
Vienna ...					Davos ...	27	*	o	

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
	°	°	Ins.				°	°	°			°	°	Ins.			
St. Louis	Jan 26 3 p.m.	46 N. 30 W.	29.56	W	1-3	-	-	-	-	-	Zealand	Jan 27 10 a.m.	47 N. 30 W.	29.97	NW	4-5	-
	" 6 p.m.	46 N. 31 W.	29.55	W	4-5	c	-	-	-	-		" 1 p.m.	47 N. 31 W.	30.04	NW	4-5	bc
	Jan 27 3 p.m.	45 N. 35 W.	29.90	NW	1-3	-	-	-	-	-		Jan 28 3 p.m.	45 N. 38 W.	29.52	W	4-5	-
	" 6 p.m.	45 N. 36 W.	29.96	SW	1-3	6	-	-	-	-		" 6 p.m.	45 N. 39 W.	29.64	W	4-5	bc
Mauretania	Jan 28 3 p.m.	44 N. 40 W.	29.53	SSE	6-7	-	-	-	-	-	Campagna	Jan 31 3 p.m.	51 N. 10 W.	30.29	WNW	1-3	-
	" 6 p.m.	43 N. 42 W.	29.33	SSE	6-7	o	-	-	-	-		" 6 p.m.	51 N. 11 W.	30.29	W	1-3	o
	Jan 27 4 a.m.	42 N. 46 W.	29.40	SE	8-9	-	-	-	-	-		Jan 31 4 a.m.	51 N. 18 W.	30.24	SW	1-3	-
	" 7 a.m.	42 N. 47 W.	29.15	SE	8-9	-	-	-	-	-		" 7 a.m.	51 N. 19 W.	30.17	SW	1-3	6
Dominion	Jan 27 4 a.m.	48 N. 28 W.	29.86	WNW	4-5	-	-	-	-	-	Philadelphian	Jan 31 3 p.m.	49 N. 12 W.	30.11	WNW	1-3	-
	" 7 a.m.	48 N. 29 W.	29.96	WNW	4-5	6	-	-	-	-		" 6 p.m.	49 N. 13 W.	30.09	WNW	1-3	bc
	" 3 p.m.	47 N. 31 W.	30.09	W	4-5	-	-	-	-	-		Jan 30 4 a.m.	50 N. 19 W.	30.19	SSW	10-11	-
	" 6 p.m.	47 N. 32 W.	30.10	SSW	1-3	6	-	-	-	-		" 7 a.m.	50 N. 20 W.	30.17	SW	6-7	6
Jan 28 4 a.m.	46 N. 34 W.	29.87	SE	6-7	-	-	-	-	-	-							
	" 7 a.m.	46 N. 35 W.	29.74	SE	6-7	o	-	-	-	-							
	" 3 p.m.	46 N. 37 W.	29.77	WSW	1-3	-	-	-	-	-							
	" 6 p.m.	45 N. 38 W.	29.89	WSW	4-5	6	-	-	-	-							

## 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. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

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

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

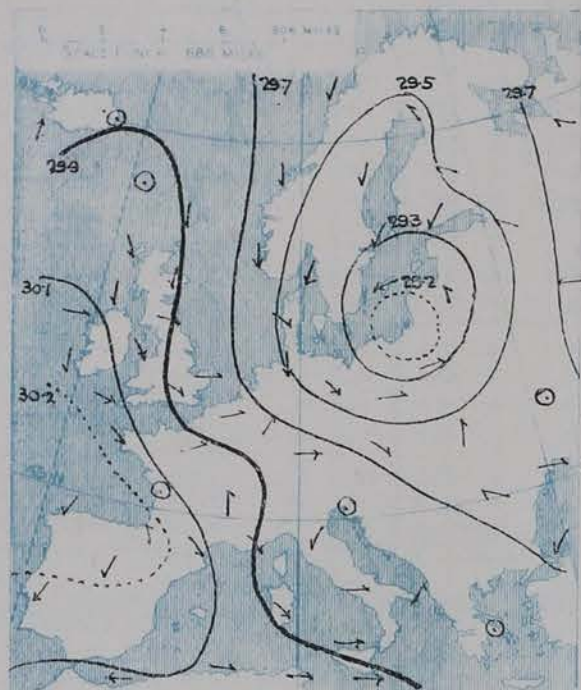
Tuesday,  
2nd February 1909.

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...	29.61	-4	2	0	b	29.74	+30	-2	-2	-12	2	0	0	*	19	-4	*	*	-	
	Hernösand...	29.58	11	2	0	b	29.72	+30	8	5	-11	2	0	0	*	23	8	*	*	-	
	Stockholm...	29.51	19	NW	4	0	29.63	+33	9	8	-11	WNW	2	0	*	23	19	*	*	-	
	Wisby...	29.44	25	NE	8	0	29.60	+39	23	22	0	N	8	0	*	25	21	*	*	0.16	
	Karlstad...	29.68	15	N	2	b	29.79	+38	4	3	-16	WNW	2	0	*	*	*	*	-		
	Færder (X'ania Fjord)	29.65	16	E	1	b	29.72	+19	13	11	-5	E	2	0	*	21	12	*	*	-	
	Bodö...	29.73	30	NNW	5	s	29.69	+12	28	26	-1	W	2	0	*	30	28	*	*	0.35	
	Christiansund...	29.83	29	N	4	b	29.81	+21	31	29	+4	SE	2	0	*	32	27	b	*	-	
ICELAND & FAEROE.	Reykjavik...	29.21	39	S	2	c	28.88	-84	34	*	-2	SW	3	0	*	*	*	*	*	*	
	Blöndnos...	29.25	39	S	3	0	28.85	-91	36	*	-1	S	1	0	*	*	*	*	*	*	
	Seydisfjord...	29.45	44	SW	1	0	28.76	-113	44	*	+16	SW	4	0	*	*	*	*	*	*	
	Thorshavn...	29.88	36	WSW	3	c	29.21	-80	46	*	+15	WSW	6	0	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.92	34	NW	2	0	29.61	-21	41	41	+10	WSW	2	0	*	41	29	0	*	0.06	
	Stornoway...	30.04	40	WSW	3	c	29.68	-34	47	46	+10	SSW	6	0	*	47	36	edpm, opq	2.2	0.10	
	Castlebay (Barra Id.)	30.08	42	2	0	op	29.81	-22	48	47	+6	WSW	4	0	*	48	40	c, bc, o, cpm	0.7	0.01	
	Malin Head	30.11	43	SW	2	omp	29.89	-11	46	46	+2	SW	4	0	*	46	42	bc, cpm	*	0.02	
	Blackod Pt.	30.19	45	NNW	2	bp	30.04	-09	48	46	+4	W	4	0	*	49	43	bc, cpm	*	0.06	
	Valencia	30.24	45	2	0	c	30.20	+02	46	45	+1	S	2	0	*	50	38	o, cv	2.6	-	
	Roche's Point	30.21	47	NNW	2	0	30.22	+07	43	42	+2	W	1	0	*	48	41	bc, c, o, bc	*	-	
	Birr Castle	30.18	40	2	0	b	30.12	+01	43	42	+1	SSW	3	0	*	46	38	o	0.0	-	
	Donaghadee...	30.13	43	NNE	3	c	30.05	+08	42	41	-1	WSW	3	0	*	45	38	bc, b, o	*	-	
	Liverpool Obsy...	30.14	38	NW	1	b	30.10	+17	41	40	0	WSW	4	0	*	43	35	b, bc	6.4	-	
	Holyhead	30.13	44	N	4	bp	30.13	+15	45	44	0	W	3	0	*	45	39	c, bc, cpm	*	0.01	
	Pembroke (St. Ann's Hd.)	30.15	44	N	3	0	30.19	+15	46	42	+2	W	3	0	*	46	39	c, bc, c	4.3	-	
	Scilly (St. Mary's)	30.17	45	NNW	5	0	30.25	+13	45	42	+1	WNW	3	0	*	47	42	c, o	0.9	0.02	
	Jersey (St. Aubins)	30.10	46	WNW	4	c	30.26	+21	36	35	-9	NW	3	0	*	49	32	ogr, bc, c, w	4.0	0.01	
	Portland Bill	30.09	45	NW	3	bc	30.24	+26	40	40	-4	NW	1	0	*	48	37	bc, w	5.4	-	
	Dungeness	29.99	39	NW	3	c	30.18	+35	31	30	-8	WNW	3	0	*	43	28	dp, c, cpm	2.8	0.02	
	Dover	*	*	*	*	*	30.19	+34	32	31	-7	WNW	1	0	*	43	32	d, o, bc, c, o	2.9	0.01	
	Wick	30.01	35	NW	3	0	29.69	-23	39	38	+3	S	2	0	*	39	31	*	*	-	
	Nairn	30.05	35	2	0	0	29.76	-18	44	41	+6	WSW	2	0	*	44	34	c, bc, c, o	1.0	-	
	Aberdeen	30.05	36	WNW	1	0	29.83	-07	37	35	+1	SSW	1	0	*	38	35	c, o, cpm	0.3	-	
	Leith	30.08	39	NW	1	c	29.90	-02	42	?	+2	SW	2	0	*	?	?	bc, c, cpm	*	?	
	North Shields	30.06	37	N	3	c	29.96	+10	39	38	+1	W	2	0	*	40	33	rsp, c	*	0.01	
	Spurn Head	30.02	37	NW	4	bc	30.04	+26	37	35	0	WSW	4	0	*	40	34	bc, c, cpm	*	0.01	
	Yarmouth	29.96	37	NW	4	bc	30.14	+35	32	31	-3	W	2	0	*	42	32	o, bc	4.9	-	
	Clacton-on-Sea	30.03	36	WNW	3	bc	30.17	+34	33	31	-3	WNW	2	0	*	42	31	c, bc, c, o	4.3	-	
	Nottingham	30.09	38	N	3	bc	30.12	+26	34	33	-7	SW	2	0	*	43	30	o, bc, bc, w	2.5	-	
	Bath	30.11	44	W	1	b	30.22	+24	31	30	-7	NW	1	0	*	48	25	-	3.2	-	
	Oxford	30.16	34	N	2	b	30.21	+27	33	32	-7	SW	2	0	*	45	30	c, o, bc, c	*	0.01	
	London (St. James's Pk)	30.07	40	2	0	b	30.18	+30	32	31	-7	WNW	2	0	*	45	31	cm, b, cmc	0.1	0.02	
GERMANY, & C.	The Scaw (Skagen)	29.71	31	NNE	1	b	29.78	+36	30	28	0	N	1	0	*	32	28	*	*	-	
	Fanö	29.80	24	NNW	1	bc	29.86	+37	28	28	+3	NW	2	0	*	30	23	*	*	-	
	Cuxhaven†	29.69	31	N	4	b	29.90	+40	32	87	0	WNW	3	0	*	34	25	*	*	-	
	The Helder	29.90	39	N	3	b	30.06	+37	37	35	+3	W	3	0	*	29	34	*	*	0.08	
	Brussels	*	*	*	*	*	30.17	+35	32	31	0	SW	2	0	*	38	26	*	*	0.08	
	Berlin†	29.59	26	WNW	2	0	29.91	+44	18	86	-10	W	3	0	*	32	18	*	*	-	
	Frankfurt†	29.86	28	N	2	b	30.13	+41	20	89	-12	SSW	2	0	*	36	19	*	*	0.08	
	Munich†	29.64	28	SW	6	s	30.21	+46	19	89	-6	W	4	0	*	28	18	*	*	0.08	
FRANCE.	C. Gris Nez	29.97	40	N	5	0	30.18	+37	37	36	-2	W	4	0	*	43	37	*	*	0.04	
	La Hève	30.04	43	N	5	c	30.28	+32	37	?	-6	S	2	0	*	46	34	*	*	-	
	Brest	30.18	46	NNW	4	0	30.30	+15	46	45	0	NNW	1	0	*	48	43	*	*	-	
	Lorient	30.11	46	NW	4	0	30.27	+16	42	42	-1	2	0	*	50	41	*	*	-		
	Rochefort	30.16	45	WNW	3	bc	30.30	+13	41	39	-1	2	0	*	54	41	*	*	-		
	Biarritz	30.24	48	W	4	c	30.32	+10	45	43	+2	SE	2	0	*	50	43	*	*	0.16	
	Paris	30.01	39	N	3	b	30.28	+34	32	31	-3	S	1	0	*	43	32	*	*	0.08	
	Belfort	30.02	38	W	4	0	30.27	+26	30	28	-05	NNW	1	0	*	42	29	*	*	0.04	
	Lyons	29.71	41	2	0	b	29.89	+04	40	34	+4	2	0	*	50	36	*	*	-		
	Nice	30.08	46	NW	4	b	30.19	+09	44	40	+3	NW	4	0	*	51	41	*	*	-	
	Perpignan	29.83	48	NW	4	b	29.83	00	46	45	-1	E	3	0	*	55	41	*	*	-	
	Sanguinaire	29.83	48	NW	4	b	29.83	00	46	45	-1	E	3	0	*	55	41	*	*	-	
SPANISH PENIN.	Corunna	30.24	53	N	3	b	30.28	+11	48	45	+4	NE	3	0	*	57	44	*	*	-	
	Lisbon	30.24	53	N	3	b	30.28	+11	48	45	+4	NE	3	0	*	57	44	*	*	-	
	Azores (P. Delgada)	30.20	58	NNE	4	0	30.23	00	56	52	-1	NE	4	0	*	61	55	*	*	-	

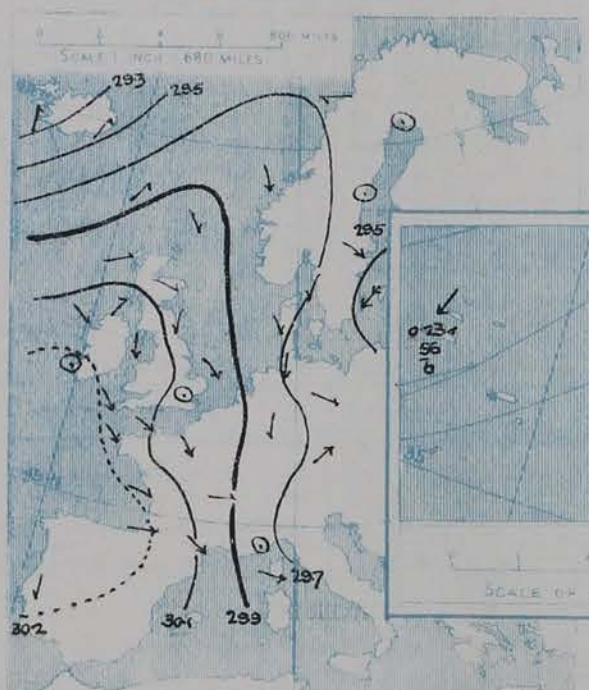


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

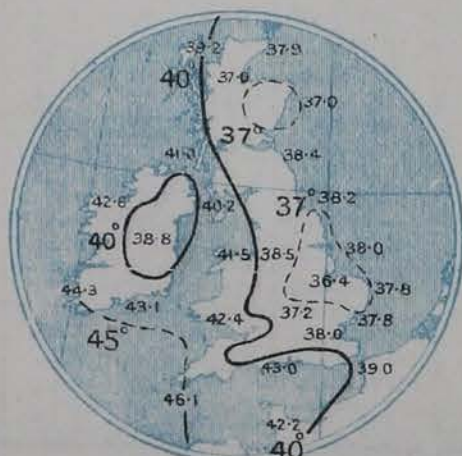
7 A.M. YESTERDAY



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.)

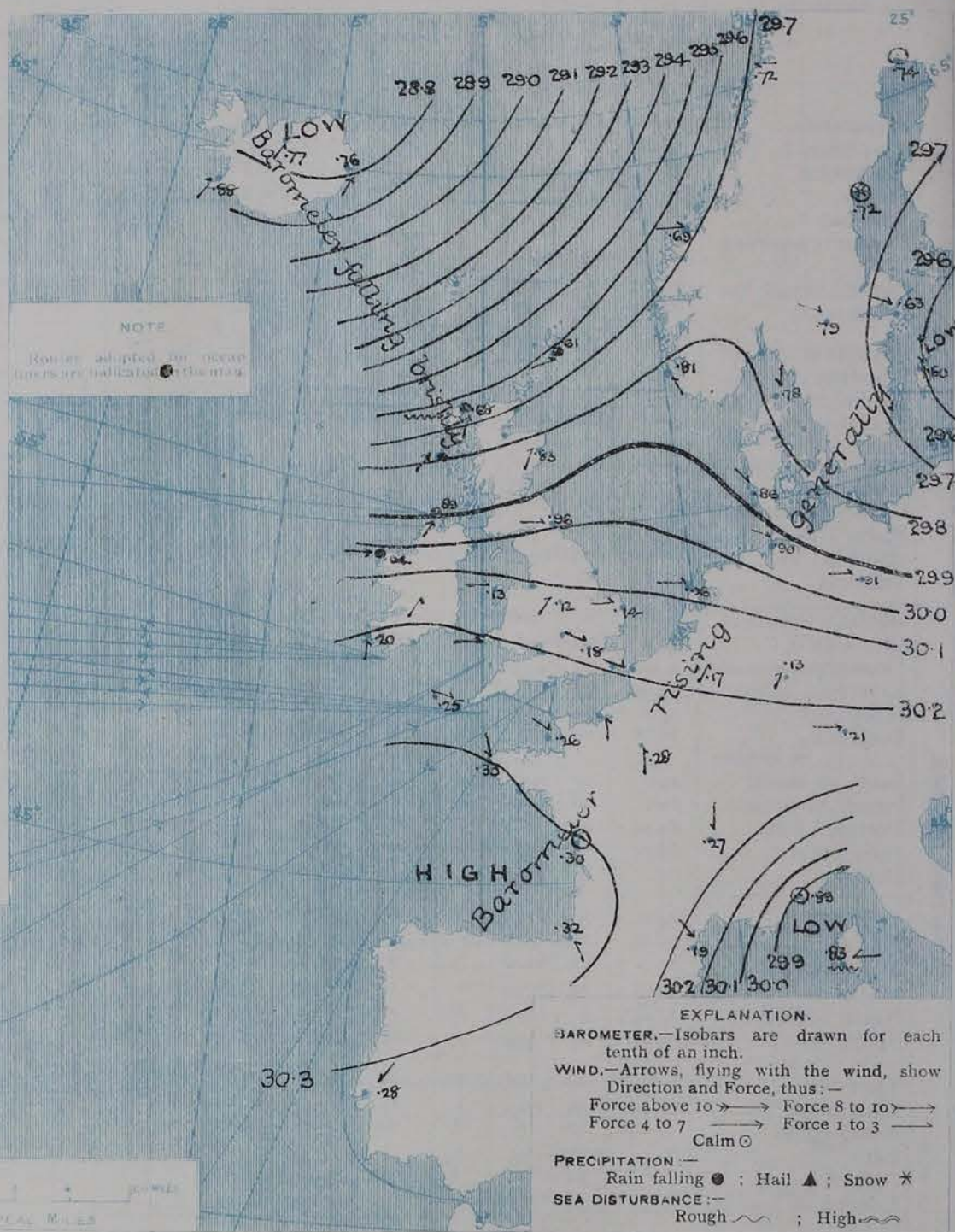


Tuesday,

WEATHER

2<sup>nd</sup> Feb.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

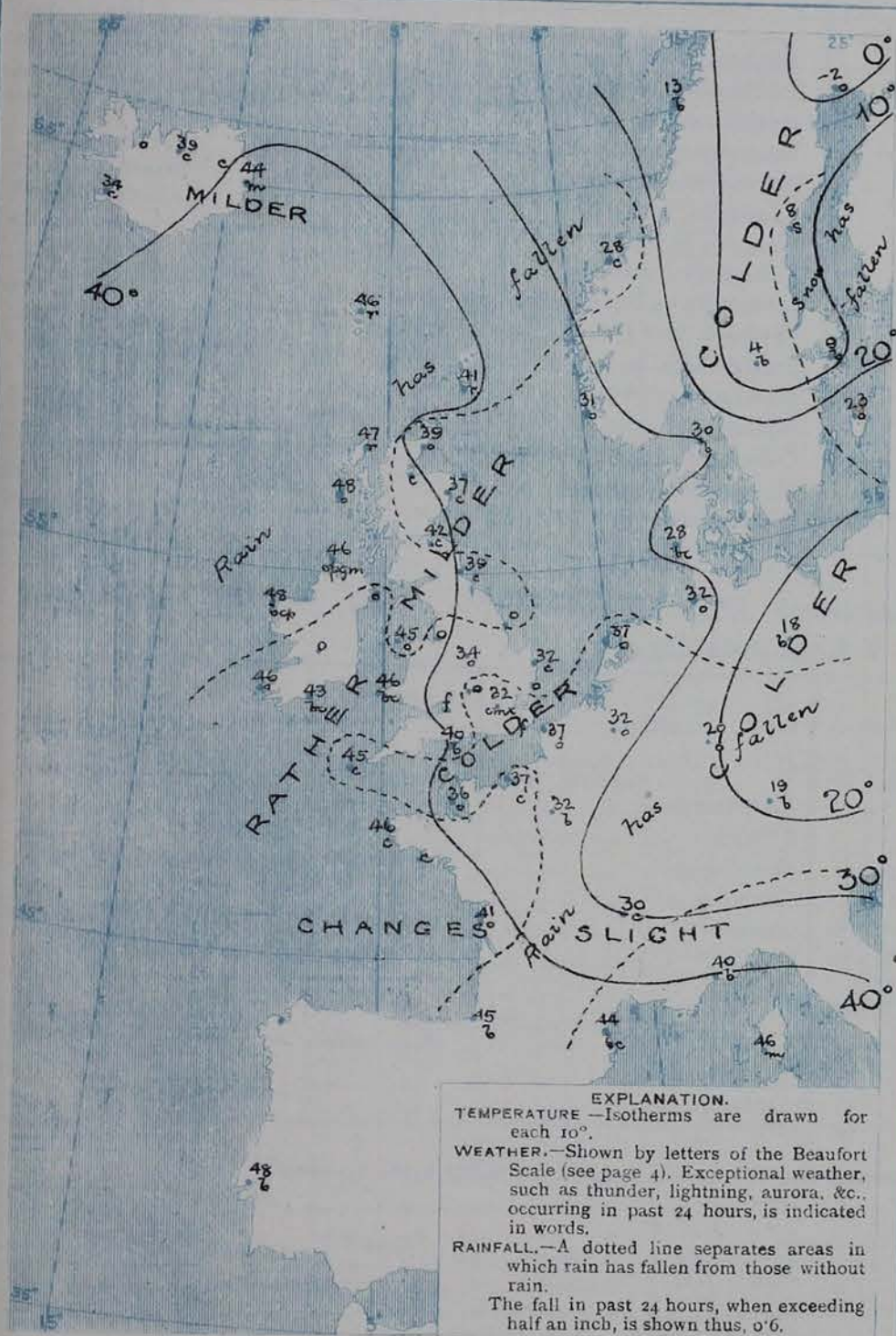
An anticyclone extends from the Atlantic over Spain, France, and the southern parts of the United Kingdom, but a deep depression is moving eastwards across Iceland, and is occasioning a fall of the barometer on all our own western and northern coasts. Over the western and northern parts of the Continent the mercury is at present rising.

Under the influence of the northern depression the wind has backed to the South-Westward in Ireland, Scotland and all neighbouring parts of the ocean, and in the Hebrides and the Faeröe Islands it blows strongly. Over England and the western parts of the Continent the wind is light to moderate from the Westward or North-Westward. The South-Westerly winds in the west and north are accompanied by a rising temperature, and on the west coasts of Ireland and Scotland the readings are not above 45°. Over the greater part of England the thermometer stands a little above or below the freezing point; in Germany the readings are mostly below 20°, while in Sweden they are below 10°. In the south and east of England, and at the majority of the Continental stations the weather is fair or fine, but with fog at Bath and Dungannon. The Icelandic disturbance is, however, causing rain in Shetland, the Hebrides and the Faeröe Islands, and passing showers in the north of Ireland. The sea is moderate or slight generally, but rather rough in the Mincho.



# CHARTS 2<sup>nd</sup> February, 1909.

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



### NOTES ON YESTERDAYS WEATHER

During yesterday the thermometer rose to 45° and upwards at most of our western and southern stations. Frost occurred over Great Britain at night, on the grass the thermometer fell to 22° at Oxford, and to 25° in London. More than six hours of bright sunshine were recorded yesterday on the Lancashire coasts, and more than five hours at Plymouth and Skegness; in Ireland and Scotland the duration was small. Slight rain has fallen in several parts of the country.

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

The deep depression over the Icelandic region is likely to spread south-eastwards, and to cause a considerable increase in the force of the South-Westerly and Westerly winds on our extreme north and north-west coasts. A temporary backing to the same quarters is probable in other parts of the United Kingdom, with milder weather, and with some rain in nearly all districts.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

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

- 0 } S.W. to S.W. winds, strong; mild; unsettled, some rain.
- 1 } S.W. winds, freshening; fair at first, some rain later, becoming milder.
- 2 }
- 3 } S.W. to S.W. winds, light or moderate; fair to-day, some rain to-morrow. Becoming temporarily milder.
- 4 }
- 5 }
- 6 } Same as No. 0.
- 7 } S.W. and S.W. winds, freshening; cloudy, some rain. Becoming temporarily milder.
- 8 }
- 9 } Same as No. 0.
- 10 } S.W. winds, freshening; mild, unsettled, some rain.

### 11 WESTERN CHANNEL AND BAY

S.W. to S.W. winds, light or moderate, with a moderate sea; fair to-day, less settled to-morrow, probably some rain.

### FORECAST DISTRICTS.

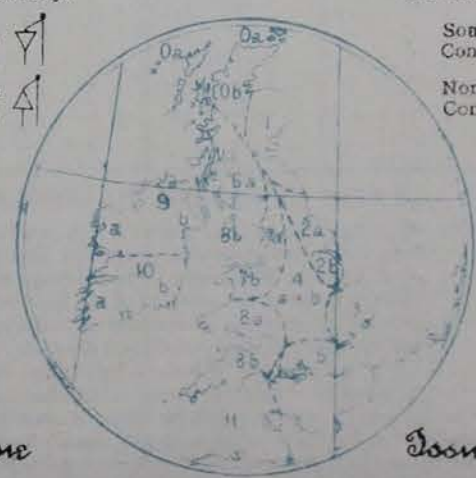
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.  
North Cone.

South Cone.  
North Cone.



None

Issued



# DAILY WEATHER REPORT.

Tuesday, 2nd February 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....	47	38	b, op, c	*	-	Brighton, to 6 p.m. ...	41	37	*	1.8	0.03
Rossall Beach, to 6 p.m....	44	37	c	*	0.05	Eastbourne, to 6 p.m. ...	45	36	*	1.0	0.04
Blackpool, to 9 p.m. ...	44	34	bc, c, b	6.5	-	Bexhill-on-Sea, to 9 p.m.	44	35	r, o, c	0.5	0.04
Southport, to 9 p.m. ...	45	32	or, c, omv	6.1	0.07	Hastings ... ..	*	*	*	1.3	*
Rhyl, to 6 p.m. ... ..	44	38	*	2.7	-	Folkestone, to 6 p.m. ...	43	33	or, o, bc, o	2.9	0.06
Colwyn Bay, to 6 p.m. ...						Ramsgate, to 6 p.m. ...	*	*	*	3.9	0.05
Llandudno, to 9 p.m. ...	39	36	c, o	0.8	-	Margate, to 6 p.m. ...	41	35	r, b, o	3.8	0.03
Bettws-y-Coed, to 6 p.m.	45	40	c, bc, c	0.1	*	Felixstowe, to 6 p.m. ...	42	34	-	4.3	-
Towyn, to 6 p.m. ... ..	44	40	r, o, c, bc, c	2.8	0.07	Lowestoft, to 6 p.m. ...	42	31	c, cp, cw	3.5	0.05
Aberystwyth, to 6 p.m. ...	45	39	*	1.7	0.03	Skegness, to 6 p.m....	42	34	?	5.2	-
Plymouth, to 9 p.m. ...	47	37	o, bc, bc	1.3	0.06	Scarborough, to 9 p.m. ...	44	33	o	1.3	0.06
Torquay, to 6 p.m. ... ..	47	37	*	1.4	-	Harrogate, to 6 p.m. ...	40	32	o, bc, b, bc	3.5	-
Weymouth, to 6 p.m. ...	49	38	b, bc	5.4	-	Buxton, to 6 p.m. ... ..	40	33	or, c, bc, b	4.8	0.18
Bournemouth, to 6 p.m....	49	36	b, bc	3.6	-	Darwen, to 9 p.m. ... ..	41	30	or, bc	2.9	0.06
Southsea, to 6 p.m....	46	36	*	2.3	-	Manchester, to 9 p.m. ...	44	35	o, or, bc, c	2.2	0.25
Worthing, to 6 p.m. ...	47	35	p, o, b	2.4	0.03	Birmingham, to 9 p.m....	43	33	c, c, b	1.0	0.16

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

STATIONS. <i>1st Feb. 1909.</i>	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. <i>1st Feb. 1909.</i>	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ... ..	66	46	bc, bc	Ins.	St. Petersburg ... ..	14	0	b, s	-
Marseilles ... ..	43	32	b, b	-	Utrecht ... ..	37	30	o, o	0.08
Malta ... ..	58	35	bc	0.04	Groningen ... ..	34	28	b, o	0.79
Algiers ... ..	63	46	b, b	-	Berne ... ..	?	*	o, o	0.04
Tunis ... ..	55	39	bc, o	0.43	Zurich ... ..	?	*	s, s	0.04
Palermo ... ..	57	46	bc, o	0.20	Geneva ... ..	?	*	o, s	0.04
Naples ... ..	49	37	b, b	-	Lugano ... ..	?	*	b, b	-
Brindisi ... ..	50	35	r, b	0.28	Coire ... ..	?	*	-	-
Florence ... ..	44	24	b, b	-	Castasegna ... ..	?	*	-	-
Rome ... ..	47	39	b, o	-	Davos ... ..	?	*	-	-
Vienna ... ..	34	27	c, o	-					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Minnehaha { " " 10 a.m. " " 1 p.m.	49 N.	9 W.	30.27	N.N.W.	4-5	-	-	-	-	-		49 N.	9 W.	30.27	N.N.W.	4-5	-
	49 N.	8 W.	30.24	N.N.W.	4-5	bc	-	-	-	-		49 N.	8 W.	30.24	N.N.W.	4-5	bc

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

(a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

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

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

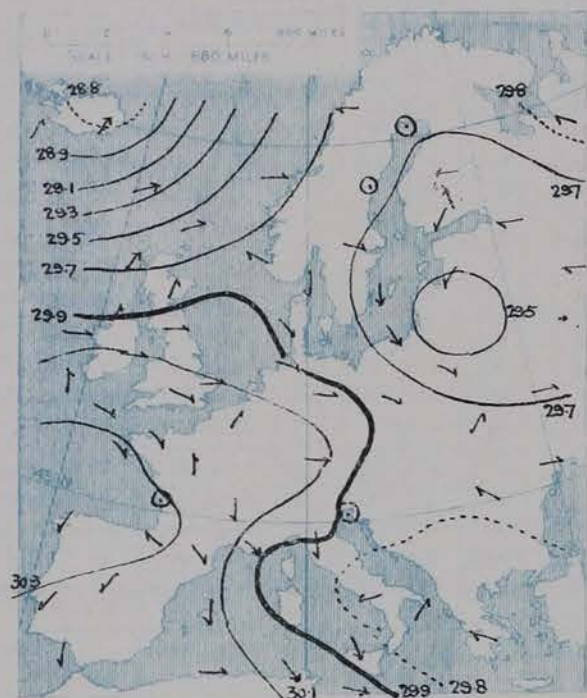
Wednesday,  
3rd February, 1909.

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.	Sun-shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°						°	°		Hours.	Ins.
SCANDINAVIA.	Häparanda...	29.63	-19	N	2	b	29.48	-26	-12	-12	-10	2	0	0	*		-2	-20	*	*	-
	Hernösand...	29.67	0	z	0	bc	29.28	-44	22	21	+14	S	8	S	*		?22	0	*	*	-
	Stockholm...	29.74	8	W	2	c	29.35	-28	23	22	+14	SSE	2	S	*		?	7	*	*	-
	Wishby...	29.76	23	NW	6	0	29.41	-19	26	23	+3	S	4	S	*		26	19	*	*	-
	Karlstad...	29.69	15	z	0	0	29.12	-67	26	26	+22	SSE	4	S	*		*	*	*	*	0.35
	Færder (X'ianta Fjord)																				
	Bodö...	29.43	20	E	4	b	29.06	-66	18	15	+5	E	5	b	2		?20	12	*	*	-
ICELAND & FAEROE.	Christiansund...	29.12	35	S	2	r	28.96	-73	37	36	+9	WSW	2	0	4		37	27	*	*	0.12
	Skudesnaes...	29.34	28	S	9	r	29.11	-70	39	39	+8	NNW	2	C	4		39	31	S, r	*	1.10
	Reykjavik...	28.65	36	SW	5	c	28.89	+01	28	*	-6	z	0	b	*		*	*	*	*	*
	Blönduós...	28.61	35	S	2	0	28.91	+06	27	*	-9	NNW	4	S	*		*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	28.79	39	WSW	4	bc	28.79	+03	36	*	-8	SW	7	bc	*		*	*	*	*	*
	Thorshavn...	29.10	42	W	5	0	29.00	-21	40	*	-6	WNW	1	bc	*		*	*	*	*	*
	Sumburgh Head	29.27	46	WSW	4	r	29.09	-52	44	42	+3	W	1	0	2		47	40	c, r	*	0.40
	Stornoway...	29.34	49	WSW	6	rg	29.26	-42	46	45	-1	SW	5	r	4		50	45	odmg, dm	0.0	0.41
	Castlebay (Barra Id.)	29.53	50	W	5	rgm	29.32	-49	49	48	+1	WNW	4	rm	4		50	48	pmg, mg	0.0	0.50
	Malin Head...	29.61	48	SW	6	omg	29.39	-50	49	49	+3	SW	7	opmg	2		49	45	omg, opgm	*	0.31
	Blacksod Pt.	29.86	50	SW	5	cpm	29.66	-38	50	49	+2	SW	5	opmg	3		51	48	bm, cg, cd	*	0.04
	Valencia...	30.08	51	SW	4	0	29.94	-26	52	50	+6	SW	5	0	5		53	46	c, o	0.2	-
	Roche's Point...	30.10	50	W	4	omp	29.95	-27	51	49	+8	W	5	c	5		52	42	bc, d, omg, c	*	0.01
	Birr Castle...	29.97	51	W	5	0	29.79	-33	52	50	+9	W	7	0	4		53	37	0	0.0	-
	Donaghadee...	29.80	51	WSW	5	0	29.57	-48	50	49	+8	WSW	5	rg	4		51	41	omg, op	*	0.04
	Liverpool Obsy...	29.95	48	SW	4	0	29.70	-40	50	47	+9	SW	6	0	4		51	41	o, od, r	0.0	0.05
	Holyhead...	29.97	47	W	5	omw	29.77	-36	49	48	+4	SW	7	agm	5		50	44	cm, omw	*	0.06
	Pembroke (St. Ann's Hd.)	30.09	49	WSW	7	c	29.94	-25	50	48	+4	WSW	7	agm	6		51	44	bc, c, cg	0.1	-
	Scilly (St. Mary's)	30.22	48	W	4	0	30.12	-13	47	46	+2	WSW	5	0	2		51	43	c, o	0.6	-
	Jersey (St. Aubins)	30.27	46	W	4	0	30.15	-11	48	47	+12	WSW	7	0	5		50	34	m, bc, cg, o	2.0	0.03
	Portland Bill...	30.17	47	WSW	4	bc	30.02	-22	49	47	+9	WSW	6	og	4		49	40	c, bc	0.4	-
GERMANY, & C.	Dungeness...	30.12	42	W	4	c	29.90	-28	46	45	+15	WSW	5	0	5		46	30	c, cp	1.7	0.02
	Dover...	*	*	*	*	*	29.91	-28	47	45	+15	WSW	5	0	5		47	33	bc, c, e	?2.0	-
	Wick...	29.31	44	SW	4	r	29.22	-47	45	44	+6	W	2	0	3		48	39	-	*	0.08
	Nairn...	29.41	48	WSW	4	0	29.27	-49	47	46	+3	W	2	r	1		51	43	c, o, cpg	0.0	0.35
	Aberdeen...	29.48	47	SSW	3	0	29.29	-54	49	47	+12	WSW	2	0	2		52	36	c, omw, o, op	0.0	0.03
	Leith...	29.60	47	SW	4	0	29.40	-50	48	?	+6	SW	4	r	*		?	?	c, o, opg	*	?
	North Shields	29.74	50	SW	4	c	29.49	-47	51	49	+12	W	6	c	3		51	37	c	*	-
	Spurn Head...	29.89	43	WSW	4	0	29.61	-43	48	46	+11	WSW	5	c	3		48	36	omw, op, c	*	-
	Yarmouth...	30.01	40	WSW	3	cm	29.74	-40	47	46	+15	SW	6	c	4		47	31	c, cm, gp	0.3	0.11
	Clacton-on-Sea...	30.07	40	W	2	0	29.83	-34	47	45	+14	WSW	5	c	4		47	31	omw, op, c	0.0	0.01
	Nottingham...	29.98	45	W	3	0	29.72	-40	49	47	+15	W	5	0	*		50	34	o, c, op	0.5	-
	Bath...	30.14	47	WSW	2	0	29.94	-28	51	48	+20	W	5	0	*		51	31	-	0.0	-
	Oxford...	30.07	46	SW	5	0	29.87	-34	48	46	+15	WSW	6	og	*		49	33	c, o	*	-
	London (St. James's Pk)	30.11	44	W	2	0	29.89	-29	50	47	+18	WSW	4	og	*		50	31	0	0.4	-
	The Scaw (Skagen)	29.63	30	WSW	6	S	29.01	-77	37	36	+7	WSW	4	m	1		37	28	*	*	0.08
	Fanö...	29.69	35	SE	4	r	29.28	-58	39	39	+11	W	6	bc	*		39	28	*	*	0.59
FRANCE.	Cuxhaven†...	29.91	34	SW	2	0	29.45	-45	39	38	+7	W	8	r	*		39	32	o, r	*	0.43
	The Helder...	29.95	39	SW	3	0	29.64	-42	43	42	+6	W	5	r	4		43	36	*	*	0.12
	Brussels...	*	*	*	*	*	29.91	-26	41	40	+9	SW	4	0	*		41	31	*	*	0.04
	Berlin†...	29.96	28	SW	2	0	29.59	-32	33	36	+15	SW	3	S	*		34	18	*	*	0.24
	Frankfurt†...	30.14	35	SSW	4	0	29.95	-18	36	30	+16	SSW	6	r	*		36	?20	*	*	0.08
	Munich†...	30.21	26	W	6	S	30.13	-08	33	35	+14	SW	6	0	*		34	19	*	*	0.04
	C. Gris Nez...	30.10	43	W	5	c	29.89	-29	46	45	+9	W	6	0	7		46	?37	*	*	-
	La Hève...	30.15	41	WSW	4	0	30.13	-15	45	43	+8	WSW	5	0	5		46	?37	*	*	-
	Brest...	30.35	49	WNW	3	bc	30.29	-01	50	48	+4	W	4	c	3		50	46	*	*	-
	Lorient...	30.30	46	W	3	0	30.28	+01	48	47	+5	WSW	4	0	3		54	?43	*	*	-
	Rocheport...	30.38	45	W	2	b	?30.34	+09	46	45	+5	WNW	2	0	3		55	?41	*	*	-
	Biarritz...	30.41	48	NE	2	0	30.43	+14	46	44	+1	SSE	3	0	2		52	45	*	*	-
	Paris...	30.26	40	SSW	2	0	30.20	-08	39	38	+7	SW	3	0	*		44	?32	*	*	-
	Belfort...																		*	*	-
	Lyons...	30.41	32	NNW	2	b	30.39	+12	28	28	-2	W	1	0	*		39	24	*	*	-
	Nice...	30.13	40	z	0	b	30.17	+28	36	33	-4	z	0	b	2		50	34	*	*	-
SPANISH PENIN.	Ferpiquan...	30.28	48	NW	4	b	30.36	+17	40	36	-4	SW	2	b	*		53	39	*	*	-
	Sanguinaire...	30.04	48	W	4	m	30.03	+20	50	45	+4	SE	3	0	4		?	?	*	*	-
	Corunna...																		*	*	-
SPANISH PENIN.	Lisbon...																		*	*	-
	Azores (P. Delgada)...																		*	*	-
SPANISH PENIN.	„ Horta...	30.27	59	S	3	b	30.25	+02	59	57	+3	S	4	bc	3		64	?50	*	*	-

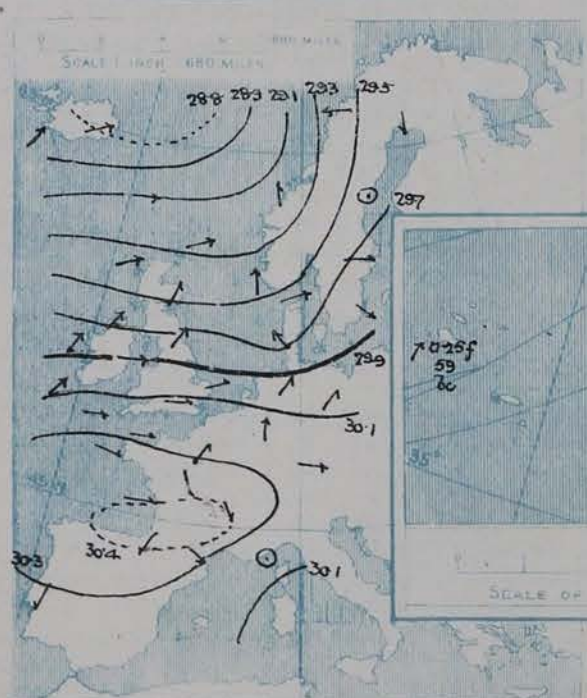


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

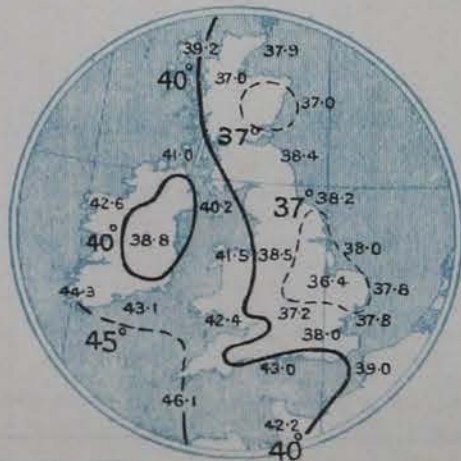
7 A.M. YESTERDAY



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.)

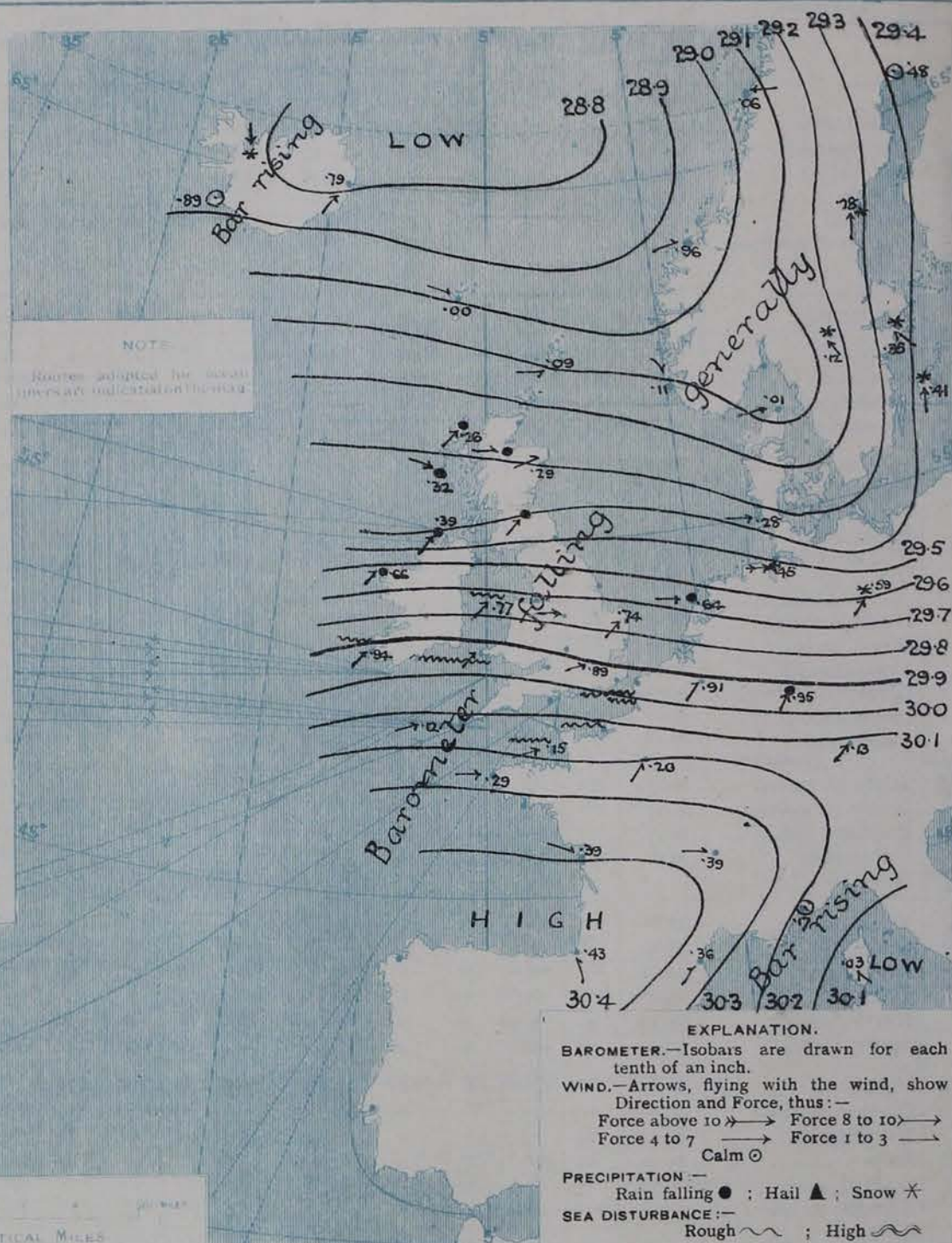


Wednesday.

WEATHER

3<sup>rd</sup> Feb.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M

The depression noticed yesterday over Iceland is moving eastwards, but is also spreading laterally in a south-easterly direction, and is occasioning a fall of the barometer over the whole of north-western Europe. Over all the more central parts of our area of observation the gradient for south-westerly and westerly winds is steep.

The wind is westerly or south-westerly over western Europe generally, and is strong or high in force on the English and Irish coasts, as well as in Holland, Denmark and Germany; in Sweden it draws into south or south-east. The increase in the force of the equatorial current has been accompanied by a decided rise of temperature, the readings at many of the English stations being from 15° to 20° higher than those of yesterday. In several parts of England and Ireland the thermometer now stands slightly above 50°, and in Scotland it is not much below that level. In Germany the readings are mostly below 35°, and in Sweden they are below the freezing point. The sky is cloudy or overcast in nearly all places, with rain in Scotland and the north of Ireland, as well as at Cuxhaven and the Helder. Snow is falling at Berlin, at many of the Swedish stations, and at Olundus (Iceland). The sea is rather rough on our western and southern coasts generally, and high at Cape Gris Nez.



# CHARTS 3<sup>rd</sup> February, 1909.

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



## NOTES ON YESTERDAY'S WEATHER

Over a large portion of England the thermometer yesterday failed to reach 45°, but in the course of the night the change to milder weather proceeded very briskly. The amount of bright sunshine recorded was everywhere small. Rain has fallen in the west and north of these Islands, as well as in Norway, Denmark, Germany and the Netherlands. A solar halo was seen yesterday at Oxford.

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

The large depression in the far north will move slowly eastwards. Secondary disturbances are likely to advance from the westward, and the wind will increase to a gale from South West and West on most parts of our western and southern coasts. Over England the weather will remain for the present mild and unsettled, with rain in all districts, but in Scotland the wind will veer to the Northward of West, with some decrease of temperature.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

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

- 0 } S.W. to T.W. winds, strong in places; unsettled, some rain; becoming colder.
- 1 }
- 2 } S.W. and W. winds, strong in places; mild; cloudy, some rain.
- 3 }
- 4 }
- 5 } S.W. to W. winds, strong, a gale on coast; mild; squally, some rain.
- 6 } Same as Nos. 0 and 1.
- 7 }
- 8 } S.W. to W. strong winds and gales; mild; squally, rain at times.
- 9 }
- 10 }

## II WESTERN CHANNEL AND BAY

Fresh to high W. winds, and a rough sea; mild, squally, some showers.

## FORECAST DISTRICTS.

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

Signals hoisted yesterday.

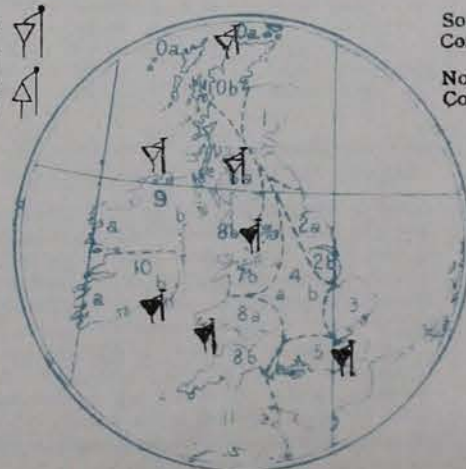
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.





## 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....	52	39	b, c, c	*	-	Brighton, to 6 p.m. ....	44	33	*	0.5	-
Rossall Beach, to 6 p.m....	42	32	c, o	*	0.01	Eastbourne, to 6 p.m. ...	44	31	*	0.2	-
Blackpool, to 9 p.m. ....	46	32	or	0.0	0.01	Bexhill-on-Sea, to 9 p.m. ...	44	31	c	0.3	-
Southport, to 9 p.m. ....	46	34	c, op, o	0.0	-	Hastings ... ..	*	*	*	0.6	*
Rhyl, to 6 p.m. ....	52	41	*	0.2	-	Folkestone, to 6 p.m. ...	42	31	o, bc, o, c	0.7	-
Colwyn Bay, to 6 p.m. ...	51	36	*	0.0	-	Ramsgate, to 6 p.m. ...	*	*	*	1.0	-
Llandudno, to 9 p.m. ...	49	36	c, o, c, op	0.3	-	Margate, to 6 p.m. ....	43	33	b, o	0.3	-
Bettws-y-Coed, to 6 p.m.	48	30	c	0.0	*	Felixstowe, to 6 p.m. ...	41	34	*	0.0	-
Towyn, to 6 p.m. ....	46	30	o	0.0	-	Lowestoft, to 6 p.m. ...	41	32	sw, o, c	0.1	-
Aberystwyth, to 6 p.m. ...	45	40	*	0.0	-	Skegness, to 6 p.m. ....	43	33	c	0.9	-
Plymouth, to 9 p.m. ....	49	34	o, ov	1.0	-	Scarborough, to 9 p.m. ...	45	34	c	0.0	0.01
Torquay, to 6 p.m. ....	50	33	*	0.8	-	Harrogate, to 6 p.m. ...	45	29	bc, b, o, o	0.0	-
Weymouth, to 6 p.m. ....	48	29	f, bc, c	0.4	-	Buxton, to 6 p.m. ....	42	27	c, op, o, o	0.0	0.07
Bournemouth, to 6 p.m. ...	48	27	c, b, bc	0.4	-	Darwen, to 9 p.m. ....	46	30	bc, smv, o	0.0	0.05
Southsea, to 6 p.m. ....	46	29	*	0.0	-	Manchester, to 9 p.m. ...	48	32	o, op	0.0	0.20
Worthing, to 6 p.m. ....	45	29	c	1.3	-	Birmingham, to 9 p.m. ...	46	31	c, o	0.8	-

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
	°	°		Ins.		°	°		Ins.
Madeira ... ..	not	received.		-	St. Petersburg ... ..	14	0	o, s	0.04
Marseilles ... ..	48	37	b, b	-	Utrecht ... ..	37	25	b, o	0.12
Malta ... ..	57	47	r	0.43	Groningen ... ..	36	21	bc, s	0.04
Algiers ... ..	59	48	bc, bc	0.04	Berne ... ..	?	*	s, bc	0.08
Tunis ... ..	50	41	r, r	0.39	Zurich ... ..	?	*	b, b	0.35
Palermo ... ..	51	44	o, r	0.16	Geneva ... ..	?	*	o, o	0.20
Naples ... ..	46	38	b, o	-	Lugano ... ..	?	*	s, b	0.04
Brindisi ... ..	48	34	b, b	-	Coire ... ..	25	*	s	Measured 7.30 a.m. 0.04
Florence ... ..	44	31	b, b	-	Castasegna ... ..	36	*	o	-
Rome ... ..	45	34	bc, b	-	Davos ... ..	18	*	s	0.16
Vienna ... ..	32	25	o, b	0.04					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
	°	°	Ins.				°	°	°			°	°	Ins.			
Lucania { Jan 30 3pm 42N. 44W. 29.83 NW 6-7 - - - - -	42N.	44W.	29.83	NW	6-7	-	-	-	-	-	Lake Michigan { Jan 31 3pm 50N. 22W. 30.09 S 4-5 -	50N.	22W.	30.09	S	4-5	-
" 6pm 43N. 42W. 29.85 NW 6-7 bc - - - - -	43N.	42W.	29.85	NW	6-7	bc	-	-	-	-	" 6pm 50N. 22W. 30.06 SSE 4-5 bc -	50N.	22W.	30.06	SSE	4-5	bc
Jan 31 4am 44N. 38W. 29.97 NW 6-7 - - - - -	44N.	38W.	29.97	NW	6-7	-	-	-	-	-	Feb 1 4am 50N. 25W. 30.08 SSW 4-5 -	50N.	25W.	30.08	SSW	4-5	-
" 7am 45N. 37W. 29.95 NW 6-7 o - - - - -	45N.	37W.	29.95	NW	6-7	o	-	-	-	-	" 7am 50N. 26W. 30.12 WSW 1-3 bc -	50N.	26W.	30.12	WSW	1-3	bc
" 3pm 46N. 34W. 30.00 NW 4-5 - - - - -	46N.	34W.	30.00	NW	4-5	-	-	-	-	-	Feb 1 4am 50N. 19W. 30.40 WSW 1-3 -	50N.	19W.	30.40	WSW	1-3	-
" 6pm 46N. 33W. 30.00 NW 4-5 c - - - - -	46N.	33W.	30.00	NW	4-5	c	-	-	-	-	" 7am 50N. 19W. 30.30 SW 1-3 b -	50N.	19W.	30.30	SW	1-3	b
Feb 1st 4am 48N. 28W. 30.07 N 1-3 - - - - -	48N.	28W.	30.07	N	1-3	-	-	-	-	-	" 3pm 49N. 23W. 30.25 S 4-5 -	49N.	23W.	30.25	S	4-5	-
" 7am 48N. 26W. 30.06 ENE 6-7 b - - - - -	48N.	26W.	30.06	ENE	6-7	b	-	-	-	-	" 6pm 49N. 24W. 30.25 SW 4-5 o -	49N.	24W.	30.25	SW	4-5	o
" 3pm 49N. 23W. 30.12 SSE 1-3 - - - - -	49N.	23W.	30.12	SSE	1-3	-	-	-	-	-	Feb 1st 4am 49N. 17W. 30.12 S 1-3 b -	49N.	17W.	30.12	S	1-3	b
" 6pm 49N. 21W. 30.20 SSE 4-5 bc - - - - -	49N.	21W.	30.20	SSE	4-5	bc	-	-	-	-	" 7am 49N. 19W. 30.08 S 1-3 -	49N.	19W.	30.08	S	1-3	-
Feb 2nd 4am 50N. 16W. 30.15 SSW 4-5 - - - - -	50N.	16W.	30.15	SSW	4-5	-	-	-	-	-	Feb 1st 4am 49N. 15W. 30.23 WSW 1-3 -	49N.	15W.	30.23	WSW	1-3	-
" 7am 50N. 14W. 30.11 SSW 4-5 o - - - - -	50N.	14W.	30.11	SSW	4-5	o	-	-	-	-	" 7am 49N. 16W. 30.24 W 1-3 b -	49N.	16W.	30.24	W	1-3	b
Jan 29 4am 44N. 40W. 30.14 SSW 4-5 - - - - -	44N.	40W.	30.14	SSW	4-5	-	-	-	-	-	" 3pm 49N. 19W. 30.23 SE 4-5 -	49N.	19W.	30.23	SE	4-5	-
" 7am 44N. 41W. 30.10 SSE 6-7 bc - - - - -	44N.	41W.	30.10	SSE	6-7	bc	-	-	-	-	" 6pm 49N. 20W. 30.20 S 4-5 b -	49N.	20W.	30.20	S	4-5	b
Dominion { Jan 30 3pm 44N. 42W. 29.84 SSE 8-9 - - - - -	44N.	42W.	29.84	SSE	8-9	-	-	-	-	-	Feb 1st 4am 50N. 14W. 30.28 NW 4-5 -	50N.	14W.	30.28	NW	4-5	-
" 6pm 43N. 42W. 29.67 SSE 8-9 - - - - -	43N.	42W.	29.67	SSE	8-9	-	-	-	-	-	" 7am 50N. 16W. 30.08 N 1-3 b -	50N.	16W.	30.08	N	1-3	b
Jan 30 4am 43N. 44W. 29.89 W 4-5 - - - - -	43N.	44W.	29.89	W	4-5	-	-	-	-	-	" 3pm 50N. 18W. 30.34 SSW 1-3 -	50N.	18W.	30.34	SSW	1-3	-
" 7am 42N. 45W. 29.82 WSW 4-5 c - - - - -	42N.	45W.	29.82	WSW	4-5	c	-	-	-	-	" 6pm 50N. 19W. 30.31 SSW 4-5 b -	50N.	19W.	30.31	SSW	4-5	b

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

(a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

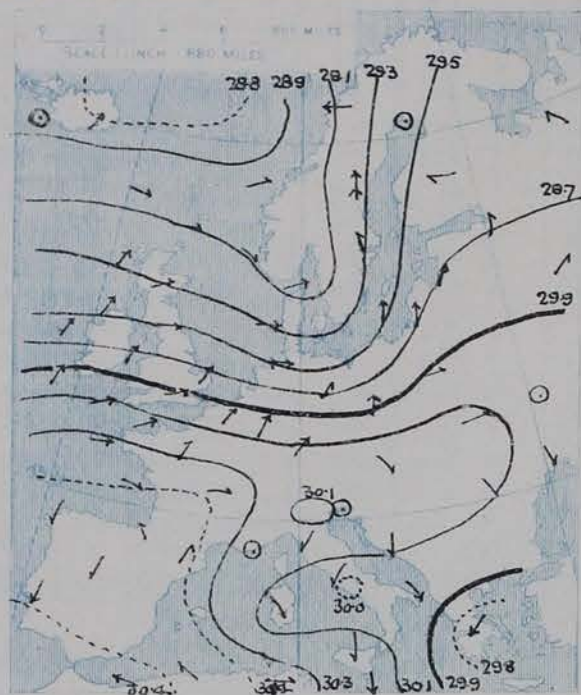
Thursday,  
4th February, 1909.

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.	Force (0 to 12).	Change since Yesterday.			Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.	Min.							
SCANDINAVIA.	Haparanda...	29.30	1	N	2	S	29.18	-30	11	11	+23	SSE	2	S	*	31	-20	*	*	0.16	
	Hernösand...	29.08	17	2	0	S	29.12	-16	17	15	-5	2	0	0	*	27	4	*	*	0.16	
	Stockholm...	29.05	30	SE	6	S	29.14	-21	23	23	0	ENE	2	0	*	30	7	*	*	0.20	
	Wisby...	28.94	31	E	4	0	29.09	-32	29	27	+3	N	4	0	*	32	19	*	*	0.20	
ICELAND & FAEROE.	Karlstad...	29.08	19	2	0	0	29.16	+04	10	10	-16	NE	4	f	*	*	*	*	0.16		
	Færder (X'ania Fjord)																				
	Bodö...	29.03	15	E	4	0	29.17	+11	9	7	-9	ENE	4	0	1	18	9	*	*	-	
	Christiansund...	28.97	37	SW	1	0	29.04	+08	37	36	0	SW	1	0	4	37	36	*	*	0.28	
BRITISH ISLANDS.	Skudesnaes...	29.13	41	WNW	2	0	29.07	-04	36	36	-3	NW	6	r	2	41	36	m, 0	*	0.51	
	Reykjavik...	28.98	30	W	3	0	29.46	+57	31	*	+3	N	4	0	*	*	*	*	*	*	
	Blönduós...	28.98	29	NW	6	0	29.48	+57	28	*	+1	E	1	0	*	*	*	*	*	*	
	Seydisfjord...	28.95	31	SW	5	0	29.36	+57	29	*	-7	SW	3	0	*	*	*	*	*	*	
GERMANY, &c.	Thorshavn...	28.99	38	WNW	4	0	29.29	+29	38	*	-2	NW	2	0	*	*	*	*	*	*	
	Sumburgh Head	29.12	41	W	2	r	29.28	+19	40	37	-4	NW	4	0	4	44	37	0, r	*	0.20	
	Stornoway...	29.34	42	W	5	0	29.52	+26	40	38	-6	W	3	0	3	48	37	adp, bcpq	1.3	0.29	
	Castlebay (Barra Id.)	29.48	47	W	5	0	29.60	+28	45	42	-4	WNW	4	0	4	49	42	rm, op, m	0.0	0.07	
FRANCE.	Main Head...	29.55	46	WSW	5	rm	29.62	+23	45	45	-4	WSW	3	0	2	50	45	ompq, omr	*	0.26	
	Blackod Pt. ...	29.69	51	SW	6	rmq	29.72	+06	51	50	+1	SW	4	0	5	55	50	cmq, orgq	*	0.28	
	Valencia...	29.97	53	WSW	5	og	29.95	+01	52	51	0	SW	4	0	4	55	51	0, og	0.2	-	
	Roche's Point...	29.97	52	W	4	0	29.95	-00	52	51	+1	W	4	0	4	54	51	c, om, cmc	*	-	
SPANISH PENIN.	Birr Castle...	29.80	52	W	7	r	29.81	+02	52	50	0	WSW	5	0	*	53	49	og, 0	0.0	0.01	
	Donaghadee...	29.61	52	WSW	4	r	29.70	+13	46	46	-4	WSW	3	r	2	54	43	0, or	*	0.41	
	Liverpool Obsy...	29.69	52	WSW	6	r	29.71	+01	50	46	0	WSW	7	0	5	53	47	0, od, 0	0.0	0.04	
	Holyhead...	29.76	52	W	6	om	29.79	+02	50	49	+1	WSW	4	dm	3	52	48	om	*	0.09	
GERMANY, &c.	Pembroke (St. Ann's Hd.)	29.94	50	WSW	7	0	29.93	-01	50	49	0	WSW	7	0	6	52	49	ogme, omq	0.0	-	
	Scilly (St. Mary's)	30.12	51	W	5	0	30.11	-01	50	49	+3	W	5	0	4	53	46	c, 0	0.1	0.03	
	Jersey (St. Aubins)	30.14	49	WSW	6	0	30.14	-01	51	49	+3	WSW	6	0	5	52	46	c, ogm, dp	0.0	0.01	
	Portland Bill...	30.00	50	WSW	6	0	29.99	-03	50	48	+1	WSW	6	0	6	50	42	0	0.0	-	
FRANCE.	Dungeness...	29.83	47	WSW	6	0	29.87	-03	47	46	+1	W	7	0	6	48	44	0	0.0	-	
	Dover...						29.88	-03	48	46	+1	WSW	3	0	4	50	46	0, c, 0	0.0	-	
	Wick...	29.24	41	W	4	0	29.46	+24	36	35	-9	NW	4	0	4	47	34	c, pq	*	0.20	
	Nairn...	29.35	45	W	1	0	29.52	+25	41	38	-6	WSW	3	0	2	47	37	p, c, pq, bcpq	0.0	0.14	
GERMANY, &c.	Aberdeen...	29.35	45	WSW	1	0	29.53	+24	40	38	-9	WSW	2	0	2	49	39	op, bce, b	0.0	0.10	
	Leith...	29.44	50	W	3	0	29.58	+18	45	42	-3	W	2	0	2	42	42	op, c, c, q	*	0.02	
	North Shields	29.49	52	W	6	op	29.63	+14	45	44	-6	WSW	2	0	2	56	43	bc, op	*	-	
	Spurn Head...	29.60	50	WNW	6	0	29.67	+06	45	44	-3	WNW	4	0	3	51	43	cq, op	*	-	
FRANCE.	Yarmouth...	29.68	51	W	6	cm	29.72	-02	50	49	+3	WSW	5	0	5	53	47	c, cm, q	0.0	-	
	Clacton-on-Sea...	29.77	51	WSW	6	0	29.81	-02	49	47	+2	W	3	0	2	53	47	c, og, c	0.0	-	
	Nottingham...	29.70	53	W	5	0	29.73	+01	51	50	+2	W	4	0	*	53	48	0, op	0.0	0.01	
	Bath...	29.95	51	W	5	0	29.94	00	52	50	+1	W	7	0	*	53	51	-	0.2	-	
GERMANY, &c.	Oxford...	29.87	50	WSW	7	0	29.88	+01	50	48	+2	WSW	4	0	*	51	48	og, c, bc	*	-	
	London (St. James's Pk)	29.86	53	WSW	5	og	29.86	-03	52	50	+2	W	4	0	*	54	50	og, ip, og	0.1	-	
	The Scaw (Skagen)	29.08	39	2	0	m	29.08	+07	39	38	+2	W	2	0	1	39	34	*	*	0.04	
	Fanö...	29.31	39	W	6	0	29.34	+06	37	36	+2	W	4	0	*	39	36	*	*	0.32	
FRANCE.	Cuxhaven†...	29.34	40	W	8	0	29.45	00	39	37	0	W	4	0	*	41	37	*	*	0.20	
	The Helder...	29.58	44	WSW	6	0	29.65	+01	43	42	0	W	4	0	4	45	43	*	*	0.20	
	Brussels...		*	*	*	*	29.86	-05	48	46	+7	WSW	5	0	*	48	40	*	*	0.16	
	Berlin†...	29.34	42	WSW	4	r	29.43	-16	42	42	+9	W	2	0	*	43	33	*	*	0.63	
GERMANY, &c.	Frankfurt†...	29.81	42	SW	6	r	29.80	-15	45	45	+9	SW	5	r	*	41	36	*	*	0.24	
	Munich†...	29.91	37	SW	7	0	29.89	-24	41	36	+8	W	7	0	*	41	33	*	*	0.12	
	C. Gris Nez...	29.85	47	W	7	0	29.88	-01	46	46	0	WSW	6	0	6	48	45	*	*	-	
	La Hève...	30.11	46	WSW	6	0	30.11	-02	46	45	+1	W	7	0	7	50	41	*	*	-	
FRANCE.	Brest...	30.28	51	W	5	0	30.25	-04	51	50	+1	W	5	0	4	52	50	*	*	-	
	Lorient...	30.26	50	WSW	4	0	30.23	-05	49	49	+1	W	5	0	4	52	48	*	*	-	
	Rochefort...	30.39	48	WSW	3	0	30.36	-03	48	47	+2	WSW	4	0	*	52	46	bc	*	-	
	Biarritz...	30.48	49	N	1	0	30.46	+03	46	44	0	S	2	0	2	52	45	*	*	-	
FRANCE.	Paris...	30.12	47	SW	3	0	30.11	-09	47	45	+8	SW	2	0	*	48	39	*	*	-	
	Belfort...																*	*	-		
	Lyons...	30.42	34	MNW	1	0	30.38	-01	33	33	+5	NE	1	0	*	38	28	*	*	-	
	Nice...	30.09	42	E	2	r	29.99	-18	39	37	+3	2	0	0	2	52	36	*	*	-	
SPANISH PENIN.	Perpignan...	30.36	47	NW	3	0	30.30	-06	47	41	+7	NW	5	0	*	54	40	*	*	-	
	Sanguinaire...	30.07	52	W	4	0	29.99	-04	52	50	+2	E	3	0	4	52	46	*	*	-	
	Corunna...																*	*	-		
	Lisbon...	30.40	58	N	3	0	30.41	+01	45	43	+3	ENE	3	0	*	57	45	*	*	-	
SPANISH PENIN.	Azores (P. Delgada)...																*	*	-		
	„ Horta...	30.22	61	S	4	0	30.20	-05	61	59	+2	S	5	0	4	63	59	*	*	-	

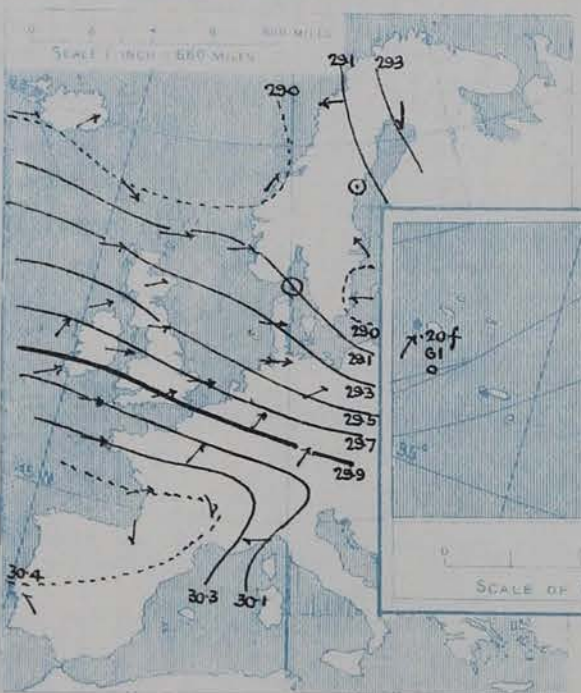


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

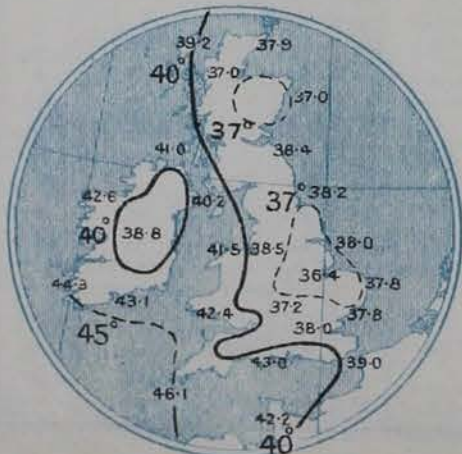
7 A.M. YESTERDAY



6 P.M. YESTERDAY



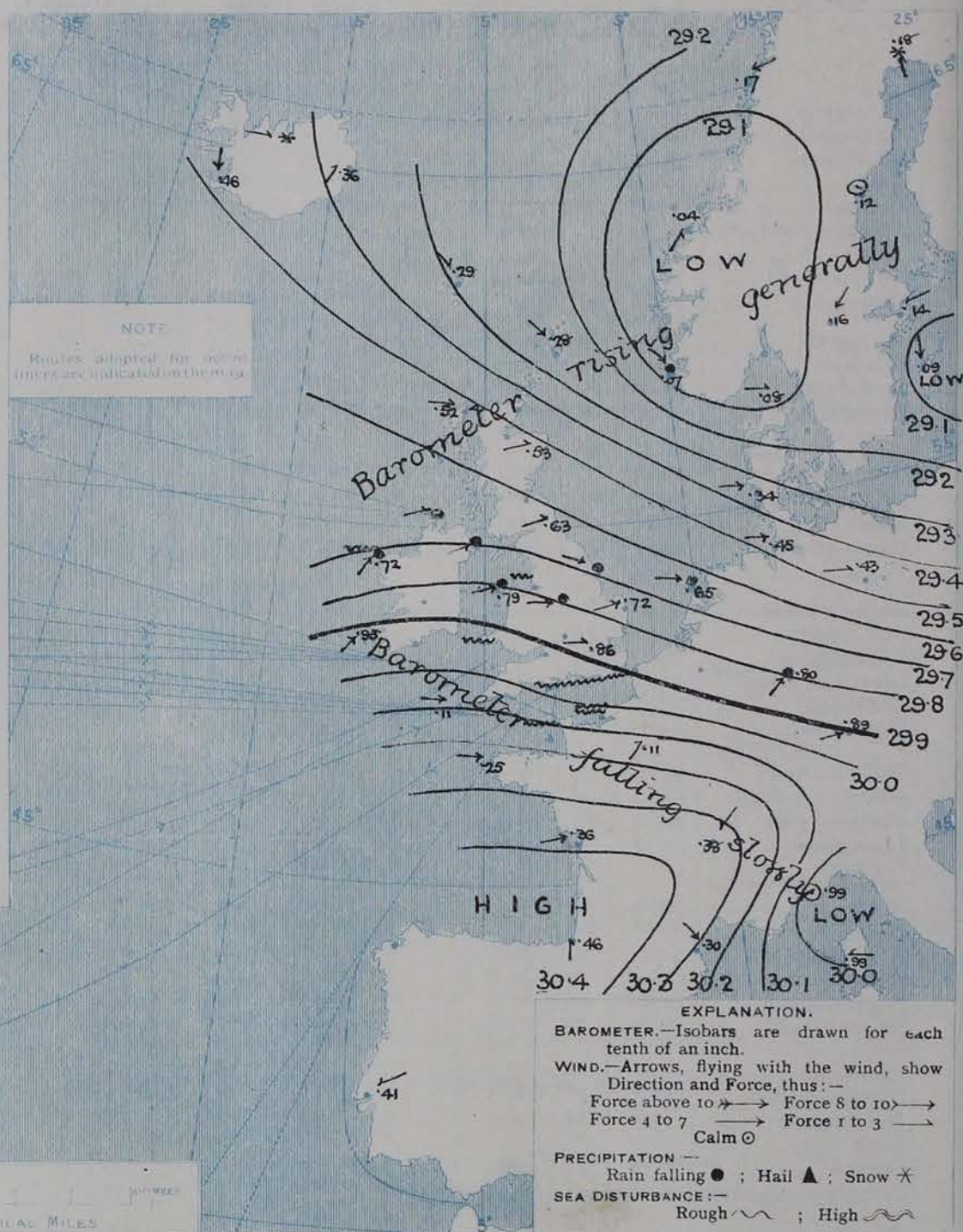
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JANUARY — FEBRUARY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Thursday

WEATHER 4<sup>th</sup> Feb.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression noticed yesterday over the Arctic is moving southeastwards across Scandinavia, and is diminishing in intensity. The barometer remains high over Spain and the Bay of Biscay, and a steep or moderately steep gradient for westerly winds continues to prevail over Western Europe generally.

The wind is westerly or south-westerly over all the more southern parts of our area, and is strong or high in force at several of the English and Welsh stations, as well as in the north of France. In the north of Scotland it has veered to the north-westward. Temperature has fallen somewhat over North Britain, and is now a little below 40° in the north of Scotland. Over England and Ireland the thermometer is still high for the time of year, the morning readings being slightly above 50° in many places. In Germany and Central France the frost has entirely disappeared, but in Sweden and the north of Norway the thermometer remains low. The weather is fine in the north and east of Scotland, and also in Denmark, but is cloudy or dull elsewhere; rain is falling in the northern parts of England and Ireland, as well as at Skudesnebo, and snow at Kaparanda and Akureyri. The sea is rough in the Channel, and rather rough on some of the more exposed parts of our western coasts.



# CHARTS

4<sup>th</sup> February, 1909.

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



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to between 50° and 55° at nearly all the English and Irish stations. At the majority of our stations there was an entire absence of bright sunshine, and in other places the duration was very small. Rain has fallen in the western and northern parts of the United Kingdom generally, and also in Norway, Denmark and Germany.

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

The depression over Scandinavia will probably continue to move in an easterly or south-easterly direction, and the wind on our northern coasts will remain North-Westerly, with cold weather, and snow showers in a few places. The South-Westerly winds in the west of Ireland seem to point to the advance of a secondary disturbance from the westward, and over the southern parts of the United Kingdom the wind will remain very strong in force from the South-Westward and Westward, with mild cloudy weather, and showers in a few 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 } N.W. winds, light or moderate; colder; fair generally, but snow showers in a few places.
- 1 }
- 2 } S.W. winds, light or moderate; changeable; some showers; rather colder.
- 3 }
- 4 } S.W. and S. winds, fresh; mild; cloudy, slight rain in places.
- 5 } S.W. and S. winds, strong or high on coast; mild; cloudy, slight rain in places.
- 6 } Same as Nos. 0 and 1.
- 7 }
- 8 } S.W. and S. winds, strong or high in places; mild; unsettled, some rain.
- 9 }
- 10 }

### II WESTERN CHANNEL AND BAY.

Strong S.W. and S. winds mouth Channel and upper part Bay, with a rather rough sea; wind and sea moderate further south. Mild, cloudy, slight rain in places.

### FORECAST DISTRICTS.

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

Signals hoisted yesterday.

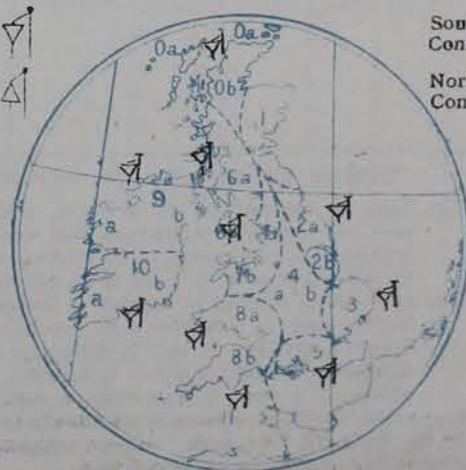
Signals hoisted this morning.

South  
Cone.

South  
Cone.

North  
Cone.

North  
Cone.





## 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	50	org. dq	Hrs.	Ins.	Brighton, to 6 p.m. ...	47	36	*	0.0	-
Rossall Beach, to 6 p.m....	45	42	org. r, or	*	0.31	Eastbourne, to 6 p.m. ...	49	44	*	0.0	-
Blackpool, to 9 p.m. ...	47	45	org. o	0.0	0.27	Bexhill-on-Sea, to 9 p.m.	49	37	c	0.0	-
Southport, to 9 p.m. ...	48	45	org. r	0.0	0.22	Hastings ... ..	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	55	49	*	0.0	0.01	Folkestone, to 6 p.m. ...	49	38	c, o, c	0.0	-
Colwyn Bay, to 6 p.m. ...	54	45	org.	0.0	0.08	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...				0.0		Margate, to 6 p.m. ...	54	33	*	0.0	-
Bettws-y-Coed, to 6 p.m.	57	48	c	0.0	*	Felixstowe, to 6 p.m. ...	53	47		0.0	0.02
Towyn, to 6 p.m. ...	48	44	p. o	0.0	-	Lowestoft, to 6 p.m. ...	53	40	c, c, org, o	0.0	0.09
Aberystwyth, to 6 p.m....	48	44	*	0.0	-	Skegness, to 6 p.m....	52	48	c	0.0	-
Plymouth, to 9 p.m. ...	53	47	c, or	0.0	0.01	Scarborough, to 9 p.m. ...	55	44	org	0.0	-
Torquay, to 6 p.m....	54	40	*	0.2	-	Harrogate, to 6 p.m. ...	49	44	c, c, bc, d, o	0.5	0.02
Weymouth, to 6 p.m. ...	52	35	c, c	0.0	-	Buxton, to 6 p.m. ...	47	43	c, or, p, or	0.0	0.20
Bournemouth, to 6 p.m....	52	33	*	0.0	0.01	Darwen, to 9 p.m. ...	48	44	org, or	0.0	1.01
Southsea, to 6 p.m....	51	36	*	0.0	-	Manchester, to 9 p.m. ...	53	48	or, o, or	0.0	0.46
Worthing, to 6 p.m. ...	48	32	om, o	0.0	-	Birmingham, to 9 p.m....	52	45	p, c	0.0	0.02

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

STATIONS. 3rd Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 3rd Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ... ..	64	50	c. r	-	St. Petersburg ... ..	16	9	S. S.	Ins. 0.04
Marseilles ... ..	45	36	b. b	-	Utrecht ... ..	45	36	c. c	0.08
Malta ... ..	56	49	bc	0.12	Groningen ... ..	43	32	c. r	0.24
Algiers ... ..	61	48	c. bc	-	Berne ... ..	?	*	c. o	-
Tunis ... ..	50	36	c. c	0.12	Zurich ... ..	?	*	c. o	-
Palermo ... ..	54	37	b. b	0.20	Geneva ... ..	?	*	bc. o	-
Naples ... ..	44	33	b. b	0.08	Lugano ... ..	?	*	b. b.	-
Brindisi ... ..	45	35	b. bc	-	2nd Feb. 1909.				
Florence ... ..	43	25	b. b	-	Coire ... ..	1.30 p.m. 30	*	1.30 p.m. o	Measured 7.30 a.m. 0.63
Rome ... ..	45	28	b. b	-	Castasegna ... ..	34	*	b	?
Vienna ... ..	41	25	S. S	0.51	Davos ... ..	18	*	c	0.59

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Direc.	Force.	
			Ins.											Ins.			
Celtic	Feb. 1 4 a.m.	49N.	25W.	30.18	S	4-5	-	-	-	-							
	" 7 a.m.	48N.	26W.	30.17	S	1-3	0	-	-	-							
	" 3 p.m.	48N.	29W.	30.17	SW	4-5	-	-	-	-							
	" 6 p.m.	47N.	30W.	30.10	SSW	4-5	0	-	-	-							
Lake Michigan	Feb. 1 3 p.m.	50N.	28W.	30.04	SSW	4-5	-	-	-	-							
	" 6 p.m.	50N.	29W.	29.96	SSW	6-7	6	-	-	-							
Cymric	Feb. 2 4 a.m.	49N.	23W.	30.19	SSW	4-5	-	-	-	-							
	" 7 a.m.	49N.	23W.	30.12	SSW	6-7	bc	-	-	-							
Minnelinka	Feb. 2 4 a.m.	48N.	24W.	30.10	SSW	4-5	-	-	-	-							
	" 7 a.m.	48N.	24W.	30.08	SW	4-5	6	-	-	-							

## 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. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

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

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

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



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

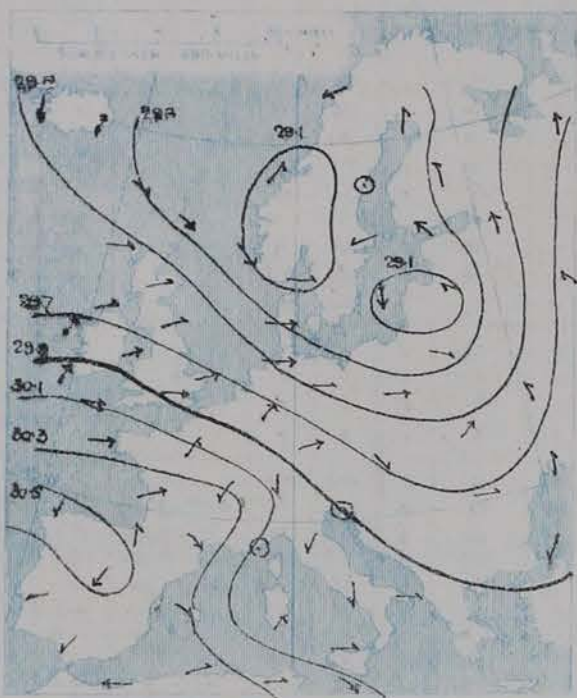
Friday,  
5th February, 1909.

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.
SCANDINAVIA.	Haparanda...	Ins.	3	SW	2	bc	Ins.	Ins.	10	9	-1	N	3	0	*	16	-9	*	*	0.20	
	Hernösand ...	29.28	21	Z	0	s	29.83	+1.65	21	0	-16	Z	0	6	*	25	?	*	*	0.08	
	Stockholm ...	29.29	25	NNW	2	o	29.81	+1.39	23	23	0	N	6	5	*	34	23	*	*	-	
	Wisby ...	29.30	27	NE	6	o	29.47	+1.33	31	28	+2	NW	4	0	*	32	25	*	*	-	
	Karlstad ...	29.25	22	Z	0	o	29.45	+1.36	16	15	+6	NNW	2	6	*	*	*	*	*	-	
	Færder (X'ania Fjord)	29.39	12	ENE	3	b	29.58	+1.42	14	12	+5	ENE	2	6	1	14	9	*	*	-	
	Bodö ...	29.35	35	ESE	3	c	29.64	+1.47	30	28	+7	ESE	1	6	3	37	28	*	*	0.12	
ICELAND & FAEROE.	Christiansund ...	29.42	37	NW	2	b	29.59	+1.55	34	34	-2	Z	0	c	2	43	32	*	*	-	
	Skudesnaes ...	29.45	31	Z	0	bc	29.52	+1.45	42	*	+11	Z	0	c	*	*	*	*	*	*	
	Reykjavik ...	29.63	32	Z	0	c	29.83	+1.40	31	*	+3	Z	0	c	*	*	*	*	*	*	
	Blönduós ...	29.65	30	WSW	2	bc	29.88	+1.45	30	*	+1	Z	0	6	*	*	*	*	*	*	
BRITISH ISLANDS.	Thorshavn ...	29.44	34	Z	0	b	29.59	+1.30	32	*	-6	Z	0	6	*	*	*	*	*	*	
	Sumburgh Head	29.48	38	NNW	2	c	29.52	+1.24	35	35	-5	Z	0	0	1	43	33	bc, c	*	0.04	
	Stornoway ...	29.58	40	W	3	c	29.69	+1.17	38	37	-2	WNW	4	bc	4	47	37	c, bc, cp, dp	4.1	0.08	
	Castlebay (Barra Id.)	29.61	44	NE	1	o	29.78	+1.18	41	38	-4	NW	4	op	3	45	40	o, or, op	0.2	0.26	
	Malin Head ...	29.58	43	E	2	rf	29.79	+1.17	43	42	-2	NW	4	bc	3	47	39	omr, f, opm	*	1.27	
	Blacksod Pt. ...	29.64	51	SW	5	rm	30.00	+1.28	45	42	-6	WNW	4	bc	3	52	48	omr, bc	*	0.42	
	Valencia ...	29.80	52	SW	5	p	30.08	+1.13	47	42	-5	NNW	5	bc	5	55	45	or, bc	0.0	0.08	
	Roche's Point ...	29.87	51	W	5	r	30.01	+1.06	45	43	-7	WNW	5	b	3	54	45	omr, od, c	*	0.02	
	Birr Castle ...	29.74	52	WSW	4	r	30.00	+1.19	40	39	-12	W	4	b	*	53	38	om, b	0.0	0.03	
	Donaghadee ...	29.64	45	NNE	1	r	29.76	+1.06	42	41	-4	NNW	4	cp	3	51	41	or, m, od	*	0.63	
	Liverpool Obsy...	29.71	53	WSW	6	o	29.63	-1.08	42	41	-8	W	7	o	3	54	41	bc, c	1.1	-	
	Holyhead ...	29.77	50	WSW	3	om	29.73	-1.06	44	43	-6	NW	7	cp	5	51	43	om	*	0.01	
	Pembroke (St. Ann's Hd.)	29.89	50	WSW	6	c	29.88	-1.05	46	43	-4	NW	7	cpw	6	51	45	cp, m, cp	0.1	0.02	
	Scilly (St. Mary's)	30.05	51	W	5	o	29.97	-1.14	50	49	0	WNW	5	om	4	53	47	o	0.0	0.08	
	Jersey (St. Aubins)	30.14	50	W	5	o	29.95	-1.19	49	48	-2	WSW	7	r	5	52	46	omr, omr	0.0	0.03	
	Portland Bill ...	29.98	49	WSW	6	o	29.76	-1.23	49	48	-1	WSW	6	o	6	50	47	o	0.0	-	
	Dungeness ...	29.89	47	WSW	6	o	29.63	-1.24	47	46	0	WSW	7	o	6	50	45	c, cp, r	2.3	0.03	
	Dover ...						29.66	-1.22	49	47	+1	WSW	6	o	6	55	46	bc, b, cp, r	5.6	-	
	GERMANY, &c.	Wick ...	29.54	37	NW	3	c	29.59	+1.13	35	34	-1	W	2	c	3	45	34	-	*	0.18
Nairn ...		29.59	38	Z	0	bc	29.63	+1.11	38	36	-3	W	1	c	1	45	34	bc, c, bc	3.7	0.01	
Aberdeen ...		29.61	40	W	1	bc	29.61	+1.08	38	37	-2	WNW	2	o	2	46	35	b, bc, cp	2.3	0.01	
Leith ...		29.62	46	W	1	o	29.66	+1.08	39	38	-6	NNW	1	om	*	?	36	bc, om, or	*	0.54	
North Shields		29.66	45	W	2	r	29.46	-1.17	43	40	-5	N	7	r	4	47	37	r	*	0.55	
Spurn Head ...		29.68	46	W	3	r	29.35	-1.32	47	45	+2	WSW	5	cp	4	48	42	f, or, cp	*	0.80	
Yarmouth ...		29.74	53	W	4	c	29.50	-1.22	48	47	-2	SW	4	cp	4	53	48	o, c	0.0	0.03	
Clacton-on-Sea		29.81	50	W	4	c	29.59	-1.22	48	46	-1	WSW	4	o	3	55	44	c, bc, c, c	4.1	-	
Nottingham ...		29.75	52	W	4	o	29.53	-1.20	45	42	-6	WNW	8	o	*	55	44	oe, o	0.0	0.03	
Bath ...		29.94	52	W	4	o	29.77	-1.17	49	45	-3	NW	4	o	*	53	48	-	0.2	0.02	
FRANCE.	Oxford ...	29.77	50	WSW	6	o	29.70	-1.18	47	43	-3	WNW	7	cp	*	55	47	cp, or, o	*	0.02	
	London (St. James's Pk)	29.87	52	W	4	o	29.64	-1.22	50	49	-2	WSW	5	cp	*	56	50	o, cp, r	0.3	0.01	
	The Scaw (Skagen)	29.38	32	NNW	3	o	29.52	+1.14	33	32	-6	ENE	1	o	0	39	32	*	*	-	
	Fanö ...	29.50	36	WNW	2	b	29.58	+1.17	35	34	-2	WNW	2	b	*	41	34	*	*	-	
	Cuxhaven†...	29.60	38	W	4	o	29.60	+1.15	36	36	-3	W	1	f	*	41	36	*	*	-	
	The Helder ...	29.75	40	WSW	2	r	29.51	-1.14	43	42	0	SW	4	o	3	43	39	*	*	0.32	
	Brussels ...		*	*	*	*	29.75	-1.11	44	44	-4	SW	5	r	*	50	44	*	*	0.04	
	Berlin†...	29.53	40	W	4	c	29.66	+1.23	37	39	-5	W	2	o	*	46	36	*	*	0.16	
SPANISH PENIN.	Frankfurt†...	29.80	47	SW	5	o	29.80	0.00	45	82	0	SW	5	o	*	48	45	*	*	0.08	
	Munich†...	29.91	43	SW	7	o	29.94	+1.05	41	81	0	SW	7	c	*	43	39	*	*	0.04	
	C. Gris Nez ...	29.88	46	WSW	7	c	29.69	-1.19	46	46	0	SW	7	r	7	50	45	*	*	0.08	
	La Hève ...	30.09	46	WSW	7	o	29.91	-1.18	44	?	-2	WSW	7	r	7	50	43	*	*	0.04	
	Brest ...	30.23	51	WSW	5	o	30.09	-1.16	51	50	0	WSW	4	f	3	52	48	*	*	-	
	Lorient ...	30.20	48	W	5	o	30.07	-1.16	49	48	0	W	6	f	4	52	46	*	*	-	
	Rochefort ...	30.34	49	W	3	o	30.22	-1.14	48	46	0	SW	4	c	*	50	46	*	*	-	
	Biarritz ...	30.41	50	W	1	o	30.33	-1.13	50	45	+4	W	3	o	2	52	48	*	*	-	
SPANISH PENIN.	Paris ...	30.11	50	WSW	3	o	30.00	-1.11	46	43	-1	SW	4	o	*	53	46	*	*	-	
	Belfort...																	*	*	-	
	Lyons ...	30.32	44	E	1	o	30.23	-1.15	37	36	+4	NE	2	o	*	48	37	*	*	0.04	
	Nice ...	29.95	44	Z	0	bc	29.86	-1.13	42	41	+3	E	3	o	2	54	39	*	*	-	
	Perpignan ...	30.25	49	NW	5	b	30.19	-1.11	46	41	-1	NW	3	bc	*	58	42	*	*	-	
	Sanguinaire ...	29.99	55	SW	2	o	29.97	-1.02	52	48	0	SE	2	o	5	61	?	*	*	-	
	Corunna ...																	*	*	-	
SPANISH PENIN.	Lisbon ...																	*	*	-	
	Azores (P. Delgada)...																	*	*	-	
,, Horta ...		30.18	61	SSW	4	r	30.15	-1.05	60	59	-1	WSW	2	r	2	64	57	*	*	0.87	

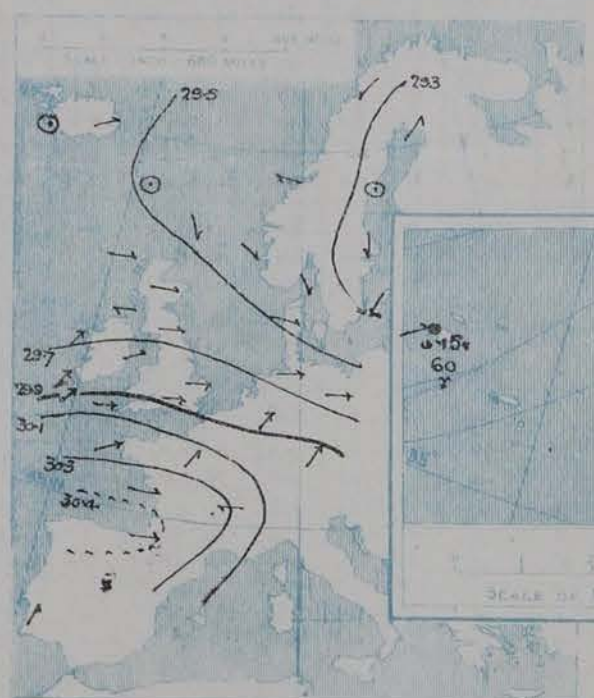


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

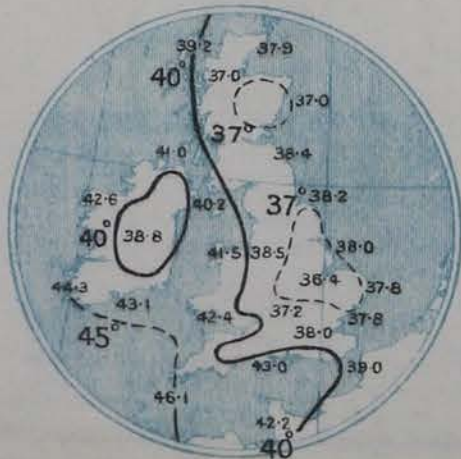
7 A.M. YESTERDAY



6 P.M. YESTERDAY

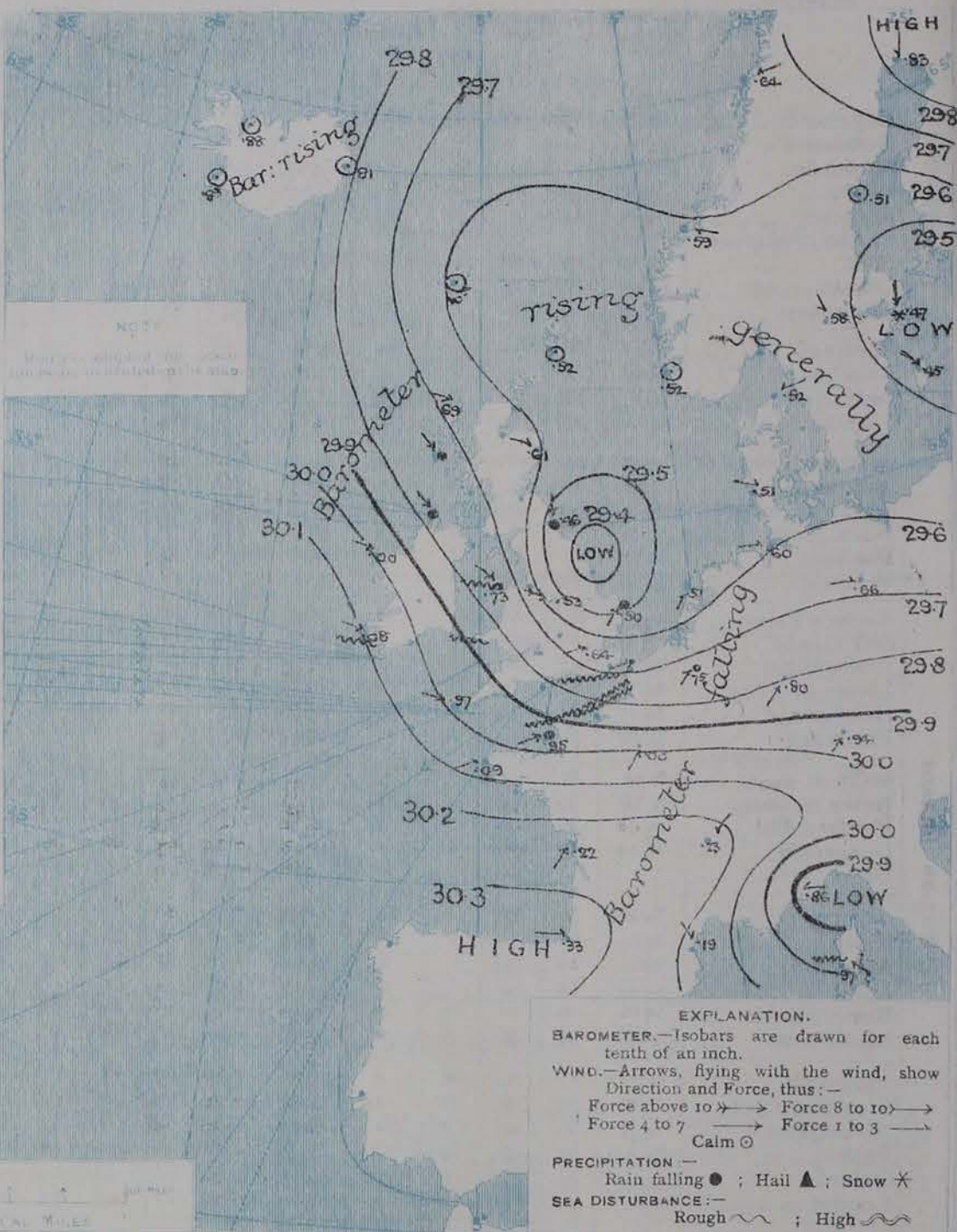


AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JANUARY - FEBRUARY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Friday, WEATHER 5<sup>th</sup> Feb:

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 night a small depression of growing intensity has moved rapidly eastward across Ireland and England, the centre of the disturbance being now situated off the Yorkshire coast; over England the gradient for north-westerly winds is steep. The highest pressures are still found over Spain, but the mercury is falling over the southern parts of our area, while it is rising steadily in the north.

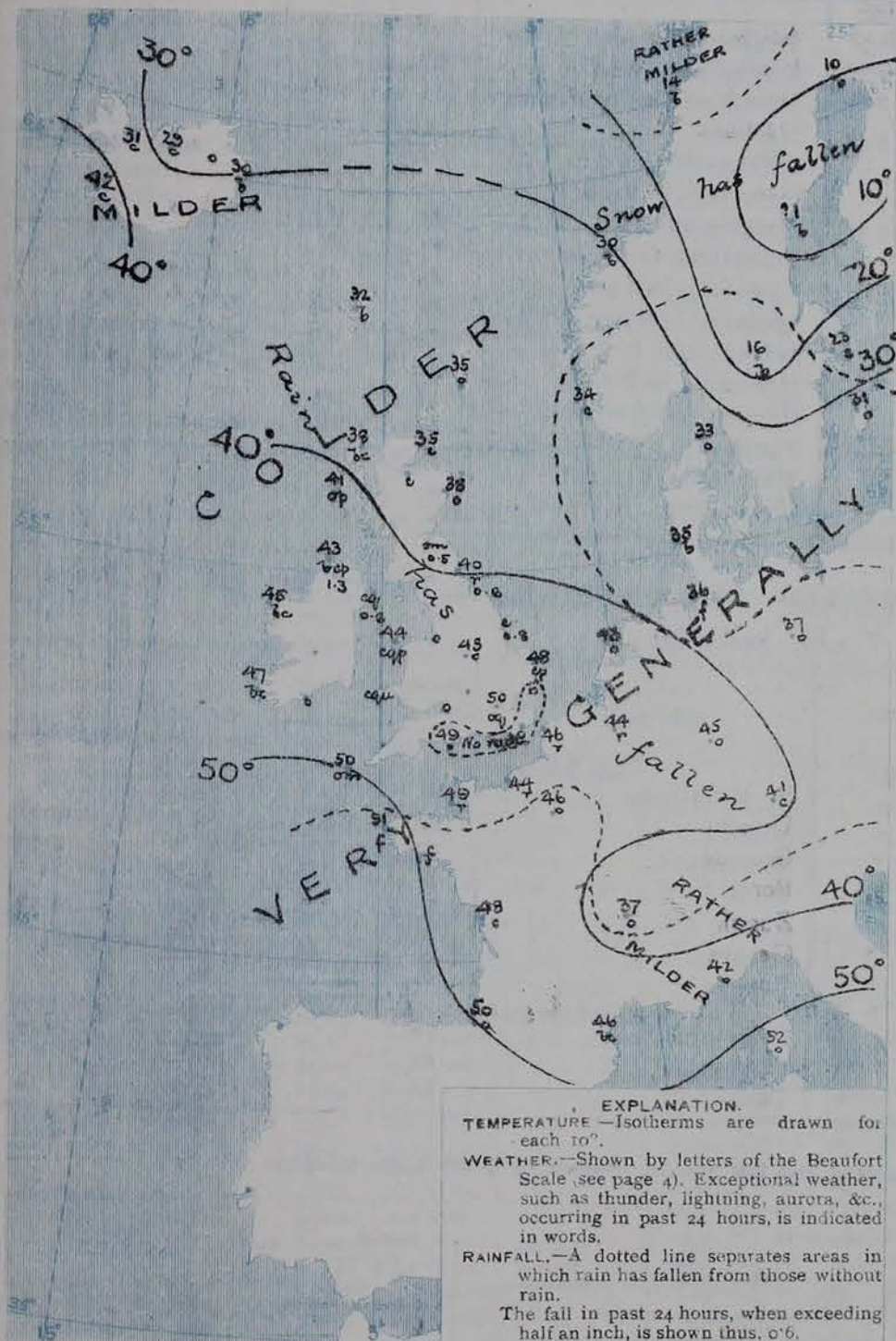
Strong or high winds from the North-Westward are blowing on many parts of our western coasts, and equally strong winds from West or South-West in the Channel. Over the western parts of the Continent the wind is moderate from West or South-West, but in Sweden it is northerly. Temperature has fallen over the United Kingdom generally and is now below 40° at most of the Scotch stations. In the south of England the readings range between 47° and 50°. Slight frost prevails in Iceland, and hard frost in Sweden. Rain is falling at several of the Channel stations, and passing showers in many other parts of the United Kingdom. In France and Germany the sky is cloudy or overcast, but at the majority of the Scandinavian and Danish stations the weather is fine. The sea is rough on most parts of our western and southern coasts, and high off the north coast of France.



# CHARTS

5<sup>th</sup> February, 1909

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



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to between 50° and 55° at most of the English and Irish stations, to 56° in London, and to 57° at Felixstowe. The amount of bright sunshine was generally small, but more than 4 hours were recorded at Stornoway and Clacton-on-sea, and more than 5½ hours at Dover. Rain has fallen generally—heavily in the northern parts of England and Ireland; at Malin Head the measurement amounts to over an inch and a quarter.

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

The depression off our east coasts will move away quickly to the eastward, and in its rear a considerable increase of wind from the north-westward will take place in the east and south-east of England. There are at present no indications of the advance of any further disturbances from the westward, and improving weather is therefore probable over the United Kingdom generally, with a decided fall of temperature.

## FORECASTS

For the 24 hours commencing at NOON TO DAY.

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

- 0 } W<sup>est</sup>ly winds, light or moderate; fair generally, but snow showers in a few places; colder.
- 1 }
- 2 }
- 3 } W<sup>est</sup>ly winds, strong to a gale at first, but moderating later; some showers, then fair. Becoming colder.
- 4 }
- 5 }
- 6 } Same as Nos. 0 and 1.
- 7 }
- 8 } W<sup>est</sup>ly winds, strong at first, but moderating later; fair generally; colder.
- 9 }
- 10 } W<sup>est</sup>ly and S<sup>outh</sup>ly winds, light or moderate; fair generally; colder.
- 11 WESTERN CHANNEL AND BAY  
 Fresh or strong W<sup>est</sup>ly winds moderating later; sea rather rough. Weather generally fair, and becoming colder.

### FORECAST DISTRICTS.

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

Signals hoisted yesterday.

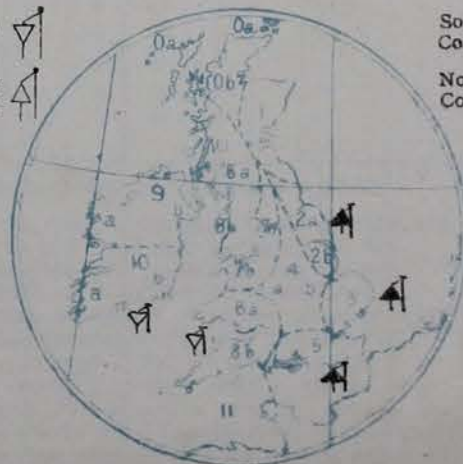
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.





## DAILY WEATHER REPORT.

Friday, 5th February 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. ...	55	51	d. c. b. g.	*	0.06	Brighton, to 6 p.m. ...	48	46	*	1.9	-
Rossall Beach, to 6 p.m. ...	46	43	or, or	*	0.30	Eastbourne, to 6 p.m. ...	51	48	*	1.8	-
Blackpool, to 9 p.m. ...	47	45	or, o	0.0	0.15	Bexhill-on-Sea, to 9 p.m. ...	52	47	c	1.3	-
Southport, to 9 p.m. ...	48	46	or, g, b	0.1	0.04	Hastings ...	*	*	*	1.9	*
Rhyl, to 6 p.m. ...	56	51	*	0.4	-	Folkestone, to 6 p.m. ...	53	38	c, o, b, c	3.0	-
Colwyn Bay, to 6 p.m. ...	55	51	o, b, g, b, c	0.8	-	Ramsgate, to 6 p.m. ...	*	*	*	2.7	-
Llandudno, to 9 p.m. ...	52	48	o, o, p, o	0.1	0.01	Margate, to 6 p.m. ...	55	49	a, b, o	0.8	*
Bettws-y-Coed, to 6 p.m. ...						Felixstowe, to 6 p.m. ...	57	51	*	3.2	*
Towyn, to 6 p.m. ...	48	47	o	0.0	-	Lowestoft, to 6 p.m. ...	54	50	o, p, o	0.0	*
Aberystwyth, to 6 p.m. ...	48	44	*	0.0	-	Skegness, to 6 p.m. ...	52	49	r, b, o	0.0	0.16
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	54	44	q, r, *	0.0	0.07
Torquay, to 6 p.m. ...	55	50	*	0.0	-	Harrogate, to 6 p.m. ...	49	44	or, ed, or	0.0	0.09
Weymouth, to 6 p.m. ...	52	49	*	0.0	-	Buxton, to 6 p.m. ...	48	47	or	0.0	1.02
Bournemouth, to 6 p.m. ...	55	48	c, b, c, o	1.4	0.02	Darwen, to 9 p.m. ...	50	46	or, or, or	0.0	0.29
Southsea, to 6 p.m. ...	53	48	*	1.8	-	Manchester, to 9 p.m. ...	53	50	o, or, o	0.0	0.30
Worthing, to 6 p.m. ...	50	46	m, o, c, o	1.4	-	Birmingham, to 9 p.m. ...	57	49	o, o	1.3	*

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

STATIONS. 4th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 4th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	66	52	o, o	-	St. Petersburg ...	16	7	o, s	2
Marseilles ...	50	43	c, c	-	Utrecht ...	46	43	o, e	0.124
Malta ...	54	47	r	-	Groningen ...	48	43	o, e	0.08
Algiers ...	64	46	b, b	-	Berne ...	9	*	o, e	2
Tunis ...	63	39	o, c	-	Zurich ...	9	*	r, o	0.16
Palermo ...	57	44	c, o	-	Geneva ...	9	*	c, o	1
Naples ...	46	35	o, o	-	Lugano ...	9	*	b, b	2
Brindisi ...	45	36	b, b	-	Coire ...	30	*	*	Measured
Florence ...	38	33	o, o	-	Castasegna ...	41	*	b	0.18
Rome ...	46	39	o, o	-	Davos ...	28	*	s	0.12
Vienna ...	39	25	o, r	0.32					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 2.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Direc.	Force.		Air.		Sea.			Lat.	Long.		Direc.	Force.	
							Dry Bulb.	Wet Bulb.									
	°	'	Ins.				"	"	"			°	'	Ins.			
<u>Dominion</u>	{ Jan 30th 3pm	42 N.	46 W.	30.01	W	4-5	"	"	"	"							
	" 6pm	41 N.	47 W.	30.03	WSW	1-3	"	"	"	"							
<u>Lake Michigan</u>	{ Feb 2nd 4am	49 N.	31 W.	29.77	SSW	8-9	"	"	"	"							
	" 7am	49 N.	32 W.	29.74	SSW	8-9	"	"	"	"							
	" 3pm	49 N.	33 W.	29.53	SSW	6-7	"	"	"	"							
	" 6pm	49 N.	34 W.	29.51	SW	6-7	"	"	"	"							
<u>Oceania</u>	{ Feb. 4th 3pm	51 N.	9 W.	29.92	WSW	6-7	"	"	"	"							
	" 6pm	51 N.	10 W.	29.88	WSW	6-7	"	"	"	"							

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

(a) The morning observations are at 7 a.m., western European time, (French Stations 0.51 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. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

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

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,  
6th February, 1909.

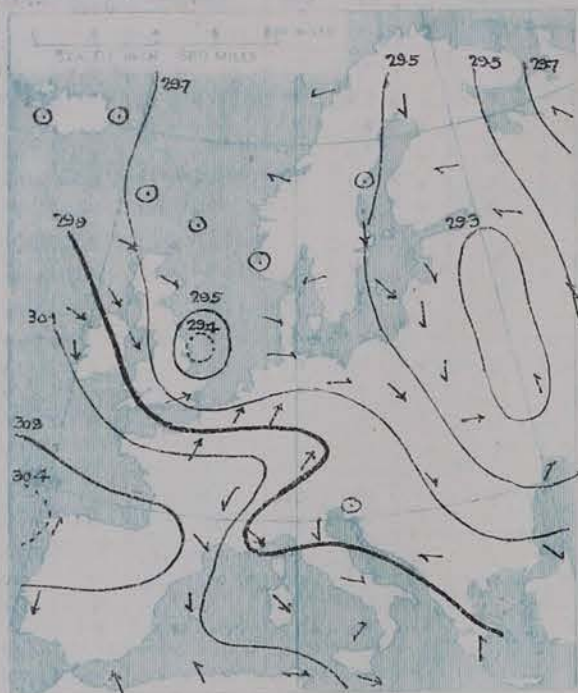
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.			Wind.						Temp.				
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.	"				Ins.	Ins.	"	"	"						"	"		Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.60	2	N	2	o	29.66	+22	-4	-4	-14	W	2	b	*	12	-4	*	*	*	0.04
	Hernösand...	29.60	13	NW	4	b	29.75	+24	15	14	+14	NNW	4	b	*	21	0	*	*	*	-
	Stockholm...	29.61	12	NNW	2	b	29.74	+27	15	13	-8	NW	4	s	*	25	10	*	*	*	-
	Wisby...	29.61	25	N	6	bc	29.71	+26	23	21	-8	NNW	6	c	*	23	?	*	*	*	-
	Karlstad...	29.75	14	Z	0	b	29.92	+34	6	5	-10	Z	0	b	*	*	*	*	*	*	-
	Færder (X'iania Fjord)																				
	Bodö...	29.77	17	ENE	2	b	29.84	+20	16	14	+2	E	2	b	1	46	12	*	*	*	-
ICELAND & FAEROE.	Christiansund...	29.75	29	Z	0	b	29.92	+33	29	27	-1	S	1	c	3	32	25	*	*	*	-
	Skudenes...	29.73	27	S	4	o	29.86	+34	35	34	+1	SW	2	c	2	37	32	*	*	*	-
	Reykjavik...	29.83	28	E	2	c	29.68	-18	34	*	-8	E	6	o	*	*	*	*	*	*	*
	Blönduós...	29.96	23	Z	0	c	29.86	-02	28	*	-3	SE	3	c	*	*	*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	29.94	30	SW	1	b	30.02	+21	27	*	-3	Z	0	b	*	*	*	*	*	*	*
	Thorshavn...	29.87	36	Z	0	b	30.10	+51	30	*	-2	Z	0	c	*	*	*	*	*	*	*
	Sumburgh Head	29.74	37	N	1	o	30.02	+50	34	33	-1	N	1	o	1	40	34	bc, o	*	*	0.02
	Stornoway...	29.98	40	NNW	5	bc	30.12	+43	37	36	-1	NW	2	o	2	44	34	bc, bc, op	5.6	0.06	
	Castlebay (Barra Id.)	30.04	43	NW	3	op	30.14	+3.6	41	38	0	Z	0	o	2	46	39	p, o, bc, cp, o	4.5	0.03	
	Malin Head...	30.05	43	WNW	4	bc	30.12	+33	43	43	0	W	2	rm	2	45	42	cpm, bc, op	*	0.10	
	Blacksod Pt. ...	30.13	46	WNW	2	b	30.18	+18	43	41	-2	WSW	1	b	1	48	38	bc, r	*	0.02	
	Valencia...	30.23	42	Z	0	c	30.17	+09	45	42	-2	E	3	o	4	50	34	bc, bc, c	3.6	-	
	Roche's Point...	30.21	45	N	3	bc	30.23	+22	33	33	-12	N	1	b	2	50	33	bc, c, bc	*	-	
	Birr Castle...	30.17	42	SW	2	c	30.20	+20	33	32	-7	Z	0	b	*	48	31	c, b	4.5	-	
	Donaghadee...	30.07	43	SSE	4	c	30.17	+41	37	36	-5	SSE	2	c	1	47	36	bc	*	0.04	
	Liverpool Obsy...	30.03	42	W	5	b	30.16	+53	40	39	-2	W	2	bc	2	45	39	bc, b	5.3	-	
	Holyhead...	30.09	44	NW	4	b	30.19	+46	43	42	-1	NW	3	b	2	46	41	bc, b	*	-	
	Pembroke (St. Ann's Hd.)	30.14	46	NW	4	c	30.21	+33	40	38	-6	NW	2	bc	3	48	39	bc, bc, c	6.7	-	
	Scilly (St. Mary's)	30.19	49	NNW	4	c	30.23	+26	46	43	-4	WSW	1	c	4	51	45	c	5.8	-	
	Jersey (St. Aubins)	30.16	46	NW	3	bc	30.22	+27	36	35	-13	WNW	3	b	3	52	33	cpm, bc, m	6.0	0.01	
	Portland Bill...	30.11	46	NW	4	b	30.20	+44	42	41	-7	NW	3	b	3	50	41	c, b	6.2	-	
	Dungeness...	29.96	44	WNW	3	bc	30.12	+49	33	32	-14	NW	3	c	3	49	30	bc, bc, c	2.0	-	
	Dover...	*	*	*	*	*	30.14	+48	37	36	-12	WNW	3	b	1	30	36	bc, b, bc	3.5	0.02	
	Wick...	29.82	36	NW	3	c	30.07	+48	32	31	-3	NW	1	b	1	43	31	-	*	0.14	
	Nairn...	29.90	39	WNW	2	c	30.10	+47	36	35	-2	WNW	2	c	1	44	34	c, bc, c	2.6	0.01	
	Aberdeen...	29.85	39	WNW	4	b	30.10	+49	35	35	-3	WNW	2	b	2	43	35	o, c, bc	2.6	0.01	
	Leith...	29.93	40	W	1	c	30.12	+46	36	34	-3	SW	1	bc	*	42	34	bc, c	*	-	
	North Shields	29.91	40	W	3	bc	30.09	+63	34	33	-6	WSW	2	b	3	46	30	n, bc	*	0.02	
	Spurn Head...	29.90	42	NW	4	b	30.08	+73	37	36	-10	WNW	4	b	4	47	36	q, b	*	0.02	
GERMANY, &c.	Yarmouth...	29.85	43	NW	6	cp	30.08	+58	33	32	-15	WNW	3	bc	4	50	32	c, cp	0.8	0.05	
	Clacton-on-Sea...	29.94	43	WNW	3	c	30.13	+54	35	34	-13	WNW	2	bc	1	49	34	cp, c, bc	0.8	0.03	
	Nottingham...	30.00	43	NW	4	b	30.14	+61	38	37	-7	NW	2	bc	*	47	36	o, b	4.5	-	
	Bath...	30.10	45	NW	1	o	30.21	+44	34	34	-16	W	1	m	*	51	33	-	7.7	0.01	
	Oxford...	30.11	42	WNW	2	b	30.20	+50	35	34	-12	W	2	bc	*	49	34	op, bc, r	*	-	
	London (St. James' Park)	30.01	45	NW	4	bc	30.15	+51	35	34	-15	WNW	2	bc	*	51	35	cp, bc, bc, b	3.7	-	
	The Scaw (Skagen)	29.72	29	ENE	3	c	29.90	+38	28	26	-5	Z	0	c	0	34	25	*	*	*	-
	Fanö...	29.75	32	N	4	bc	29.89	+38	29	28	-6	N	1	c	*	36	27	*	*	*	-
FRANCE.	Cuxhaven...	29.43	33	NE	4	s	29.88	+28	33	34	-3	W	1	m	*	37	32	r, s	*	0.59	
	The Helder...	29.74	40	NNW	5	o	30.00	+49	39	38	-4	WNW	3	bc	3	43	37	*	*	*	0.08
	Brussels...	*	*	*	*	*	30.12	+37	33	33	-11	WNW	1	bc	*	46	33	*	*	*	0.28
	Berlin...	29.42	35	Z	0	r	29.78	+12	34	30	-3	NW	3	o	*	41	34	*	*	*	0.51
	Frankfurt...	29.58	40	SW	6	r	30.02	+22	37	37	-8	SW	4	o	*	48	36	*	*	*	0.08
	Munich...	29.76	41	SW	7	o	30.06	+12	34	34	-7	W	5	c	*	43	32	*	*	*	0.08
	C. Gris Nez...	29.93	44	NW	5	c	30.15	+46	39	39	-7	NW	3	o	4	48	39	*	*	*	0.08
	La Hève...	30.07	44	W	6	o	30.22	+31	39	39	-5	WNW	2	c	3	46	36	*	*	*	-
SPANISH PENIN.	Brest...	30.22	47	NNW	3	c	30.26	+17	43	42	-8	ESE	2	o	5	52	41	*	*	*	-
	Lorient...	30.16	47	NNW	4	b	30.25	+18	39	39	-10	ENE	2	bc	5	54	37	*	*	*	-
	Rochefort...	30.18	48	WSW	4	o	30.23	+01	39	38	-9	Z	0	bc	*	50	36	o	*	0.04	
	Biarritz...	30.30	51	W	4	o	30.21	-12	48	48	-2	WSW	3	r	2	52	46	*	*	*	0.04
	Paris...	30.06	46	WNW	3	b	30.19	+19	31	31	-15	SSW	2	b	*	51	31	*	*	*	-
	Belfort...																	*	*	*	-
	Lyons...	30.17	42	E	1	o	30.24	+01	36	35	-1	N	1	b	*	47	37	*	*	*	0.08
	Nice...	29.86	46	Z	0	c	29.95	+09	39	37	-3	E	3	c	2	54	37	*	*	*	-
SPANISH PENIN.	Perpignan...	30.12	50	NW	4	b	30.14	+05	48	43	+2	NW	3	b	*	55	45	*	*	*	-
	Sanguinaire...	29.97	54	E	3	o	29.97	+00	52	50	0	SE	4	m	5	57	46	*	*	*	-
	Corunna...																	*	*	*	-
SPANISH PENIN.	Lisbon...	30.20	50	N	5	b	30.18	-10	51	47	+2	NNW	1	c	*	55	48	*	*	*	-
	Azores (P. Delgada)...																	*	*	*	-
	Horta...	30.09	57	SW	1	o	30.05	-10	56	54	-4	WNW	1	r	2	63	54	*	*	*	0.43



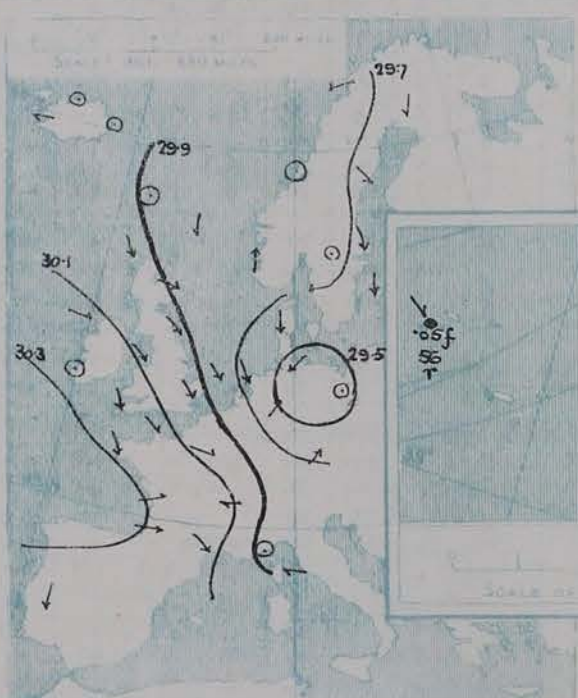
# SUPPLEMENTARY CHARTS

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

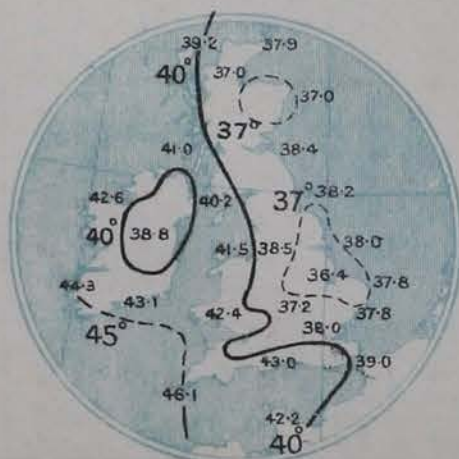
7 A.M. YESTERDAY



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.)

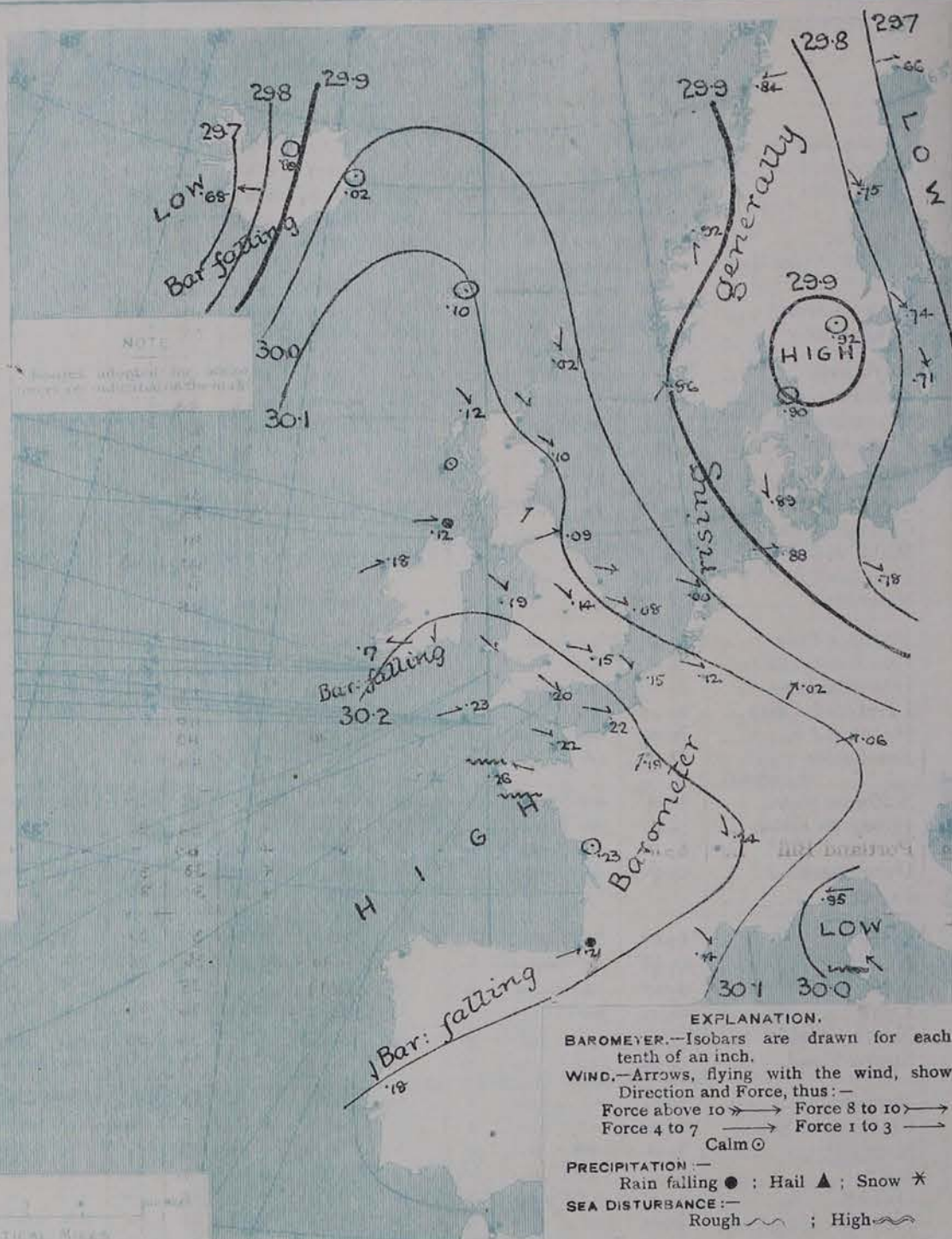


Saturday,

WEATHER

6<sup>th</sup> Feb.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression noticed yesterday off our east coast has travelled away rapidly to the eastward, and a large anticyclone has extended from the Atlantic over the whole of our Islands and France. A new depression is now approaching Iceland from the westward, and a small secondary disturbance is apparently advancing towards our own south-west coasts.

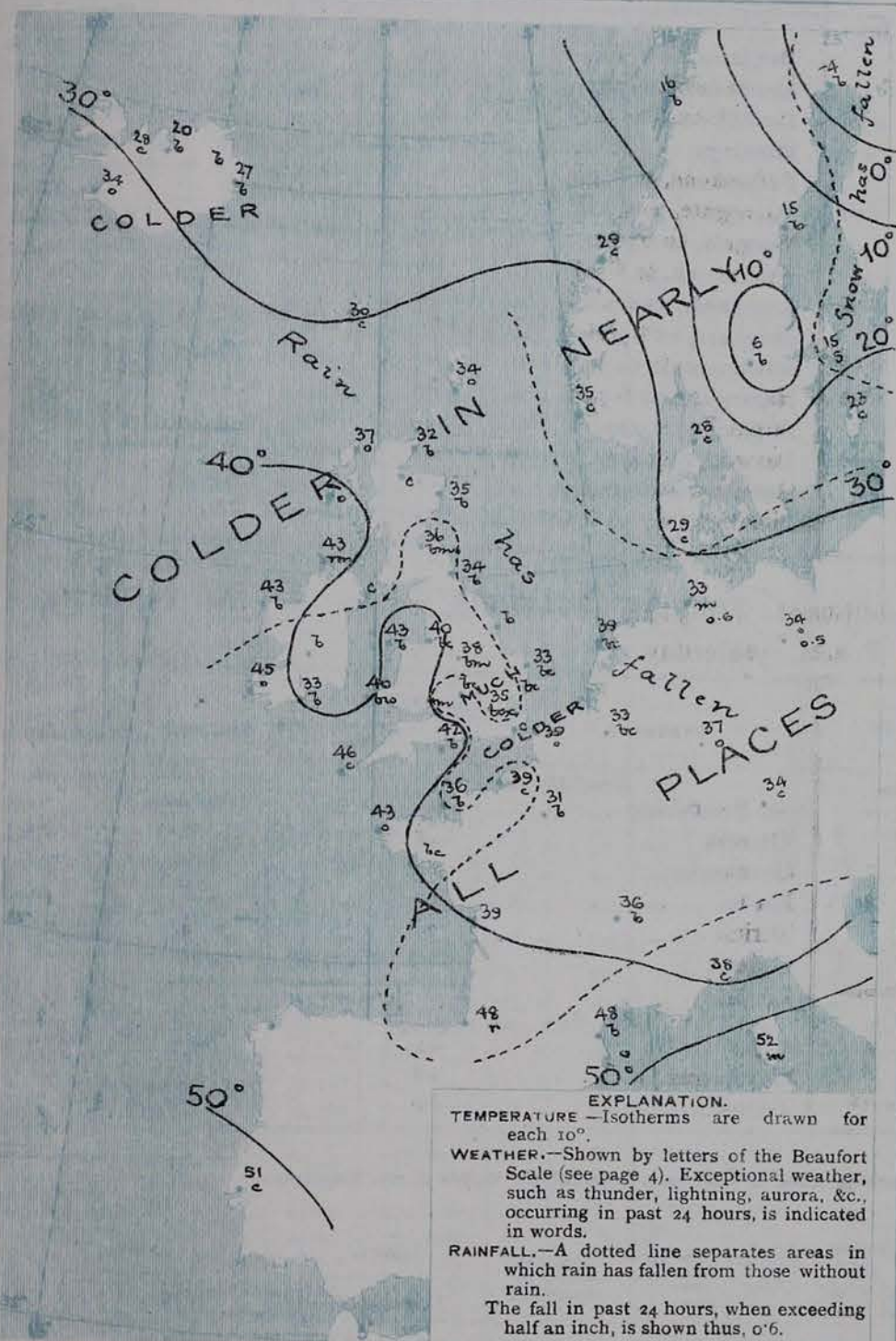
The wind is light from West or North-West over nearly the whole of the United Kingdom, in Germany and the Netherlands, but at Valencia it has shifted to the Eastward. Temperature has fallen generally—briskly in the south and east of England, and the neighbouring parts of the Continent. Over the northern, eastern and central parts of the United Kingdom the readings are now below 40°, and in some few places they are below 35°. Slight frost prevails in Central France, and hard frost in Sweden. The weather is fair or fine over Western Europe as a whole, but slight rain is falling in the extreme north of Ireland, and snow at Stockholm. The sea is moderate or slight generally, but rather rough on the coast of Brittany.



# CHARTS

6<sup>th</sup> February, 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 above it in many parts of England and Ireland, but in the north and east of Scotland it did not reach 45° at many of our western stations the duration of bright sunshine amounted to between 6 and 7 hours. Slight rain has fallen in several parts of the country, and larger quantities in Germany. A strong gale from the north-westward was experienced on our east coast yesterday. Wireless reports from steamers show that in lat. 49° N., long. 14° W. the barometer last evening was beginning to fall, with a freshening wind from the south-eastward.

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

The new depression off Iceland and the small secondary disturbance which is approaching our south-west coast will probably occasion an early renewal of unsettled weather over the United Kingdom generally. The advance of the secondary disturbance will be accompanied by a shift of wind to the southward or south-eastward in all our more southern districts, and a gradual extension of rainy weather from the westward.

## FORECASTS

For the 24 hours commencing at NOON TO DAY.

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

- 0 } N.W. to S.W. winds, light or moderate; fair and cold at first, some rain later and becoming temporarily milder.
- 1 } Light N.W. to variable breezes; fair, cold, some mist or fog in places.
- 2 }
- 3 }
- 4 } Light N.W. winds, shifting later to S. or S.E.; fine to-day, fog or mist locally at night, some rain to-morrow. Temperature remaining below the normal.
- 5 }
- 6 } N.W. to S.W. winds, moderate; dull, some rain; becoming temporarily milder.
- 7 } Wind shifting to the S.E. and freshening; fair at first, some rain later; rather milder.
- 8 }
- 9 } S.W. winds, light or moderate; dull, some rain; milder.
- 10 } E. and S.E. winds, freshening; dull, some rain; milder.

## II WESTERN CHANNEL AND BAY

Freshening S.E. winds mouth Channel, and S.W. winds Bay, with a rather rough sea. Unsettled, some rain; rather mild.

## FORECAST DISTRICTS.

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

Signals hoisted yesterday.

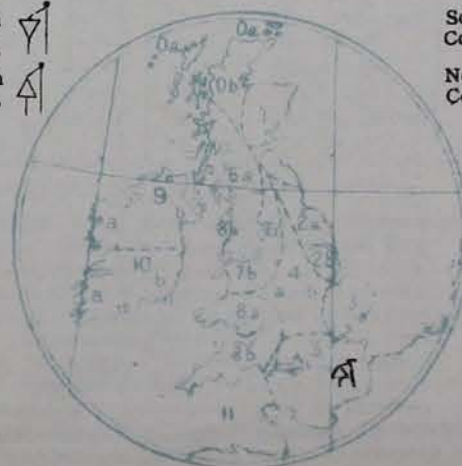
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.





## DAILY WEATHER REPORT.

Saturday, 6th February, 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	41	og, bp, bc	*	-	Brighton, to 6 p.m. ...	51	46	*	6.8	0.02
Rosall Beach, to 6 p.m....				*	-	Eastbourne, to 6 p.m. ...	50	45	*	6.6	0.01
Blackpool, to 9 p.m. ...	45	39	bc	7.1	0.02	Bexhill-on-Sea, to 9 p.m.	50	40	c, d, b	4.5	-
Southport, to 9 p.m. ...	50	41	c, b, c	6.5	-	Hastings ... ..	*	*	*	4.3	*
Rhyl, to 6 p.m. ...	49	44	*	3.8	-	Folkestone, to 6 p.m. ...	49	43	c, r, bc	3.2	0.03
Colwyn Bay, to 6 p.m. ...	45	43	c, b, bc	3.1	0.03	Ramsgate, to 6 p.m. ...	*	*	*	1.4	0.02
Llandudno, to 9 p.m. ...				2.6	-	Margate, to 6 p.m. ...	51	48	b, o	0.7	-
Bettws-y-Coed, to 6 p.m.	51	43	b, bc, c	2.0	*	Felixstowe, to 6 p.m. ...	46	42		1.0	0.02
Towyn, to 6 p.m. ...	48	43	r, c, b	4.6	0.12	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	45	41	*	4.0	-	Skegness, to 6 p.m. ...	50	40	r, c, bc	2.6	0.05
Plymouth, to 9 p.m. ...	51	42	bc, ov	7.3	0.06	Scarborough, to 9 p.m. ...	49	40	c, o, c	2.6	0.60
Torquay, to 6 p.m. ...	51	46	*	7.1	0.03	Harrogate, to 6 p.m. ...	48	37	o, bc, b	5.5	0.04
Weymouth, to 6 p.m. ...	50	44	q, bc, b	6.2	-	Buxton, to 6 p.m. ...	47	36	ov, o, bc, c	3.5	0.15
Bournemouth, to 6 p.m. ...	50	46	bc, b	7.1	0.03	Darwen, to 9 p.m. ...	48	36	o, r, b, bc	3.6	0.48
Southsea, to 6 p.m. ...	52	47	*	7.6	-	Manchester, to 9 p.m. ...	52	39	o, op, bc	4.2	0.03
Worthing, to 6 p.m. ...			r, o, c, b	7.4	-	Birmingham, to 9 p.m. ...	50	40	c, b	4.8	-

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

STATIONS. 5th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 5th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ... ..	70	50	b, b	-	St. Petersburg ... ..	19	7	s, bc	-
Marseilles ... ..	57	43	b, b	-	Utrecht ... ..	48	41	r, o	0.39
Malta ... ..	56	53	b, b	-	Groningen ... ..	45	37	o, r	0.20
Algiers ... ..	66	48	b, b	-	Berne ... ..	?	*	o, o	0.04
Tunis ... ..	64	36	b, b	-	Zurich ... ..	?	*	o, o	-
Palermo ... ..	60	40	bc, c	-	Geneva ... ..	?	*	o, o	-
Naples ... ..	49	45	b, o	0.04	Lugano ... ..	?	*	b, b	-
Brindisi ... ..	46	34	b, b	-	Coire ... ..	43	*	bc	Measured 7.30 a.m. 0.32
Florence ... ..	47	41	o, o	-	Castasegna ... ..	48	*	b	-
Rome ... ..	54	39	b, o	-	Davos ... ..	37	*	b	0.71
Vienna ... ..	43	36	r, r	0.95					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	
	Lat.	Long.		Direc.	Force.		Air.		Sea.			Lat.	Long.		Direc.	Force.		
							Dry Bulb.	Wet Bulb.										
New York.	Feb. 2. 4 a.m.	40° N.	44° W.	Ins.	N	4-5	-	-	-	-	Campania	Feb. 2. 3 p.m.	47° N.	34° W.	Ins.	S	6-7	-
	" 7 a.m.	40° N.	43° W.	29.70	NNE	4-5	0	-	-	-		" 6 p.m.	46° N.	35° W.	29.96	S	6-7	0
	" 3 p.m.	41° N.	45° W.	29.70	NW	1-3	-	-	-	-		Feb. 3. 4 a.m.	45° N.	39° W.	29.87	NNW	4-5	-
	" 6 p.m.	42° N.	44° W.	29.75	NNE	1-3	0	-	-	-		" 7 a.m.	44° N.	40° W.	29.89	NW	4-5	0
	Feb. 3. 4 a.m.	43° N.	40° W.	29.68	N	4-5	-	-	-	-	Feb. 2. 3 p.m.	49° N.	26° W.	30.03	SSW	6-7	-	
	" 7 a.m.	43° N.	39° W.	29.68	N	4-5	0	-	-	-	" 6 p.m.	48° N.	27° W.	30.01	SW	6-7	c	
	" 3 p.m.	45° N.	36° W.	29.65	NNW	4-5	-	-	-	-	Cymric	Feb. 3. 4 a.m.	48° N.	30° W.	29.82	SW	8-9	-
	" 6 p.m.	45° N.	35° W.	29.72	NNW	4-5	0	-	-	-	" 7 a.m.	48° N.	30° W.	29.79	SW	6-7	0	
	Feb. 4. 4 a.m.	46° N.	31° W.	29.94	NW	4-5	-	-	-	-	" 3 p.m.	47° N.	32° W.	29.68	SW	4-5	-	
	" 7 a.m.	46° N.	30° W.	29.98	W	1-3	0	-	-	-	" 6 p.m.	47° N.	33° W.	29.68	NNW	6-7	r	
Campania.	" 3 p.m.	47° N.	27° W.	30.04	SW	1-3	-	-	-	-	Feb. 2. 3 p.m.	47° N.	28° W.	29.94	SSW	6-7	-	
	" 6 p.m.	47° N.	26° W.	30.03	SW	1-3	0	-	-	-	" 6 p.m.	47° N.	29° W.	29.91	SSW	6-7	c	
	Feb. 5. 4 a.m.	48° N.	21° W.	30.09	SW	1-3	-	-	-	-	Mirmelonka	Feb. 3. 4 a.m.	46° N.	32° W.	29.68	S	8-9	-
	" 7 a.m.	48° N.	20° W.	30.07	ENE	1-3	0	-	-	-	" 7 a.m.	46° N.	33° W.	29.61	SSW	8-9	0	
	" 3 p.m.	49° N.	15° W.	30.06	SE	4-5	-	-	-	-	" 3 p.m.	46° N.	34° W.	29.54	NNW	4-5	-	
	" 6 p.m.	49° N.	14° W.	30.04	SE	4-5	-	-	-	-	" 6 p.m.	46° N.	36° W.	29.66	NNW	8-9	c	
	Feb. 2. 4 a.m.	48° N.	29° W.	30.14	S	4-5	-	-	-	-	Canada.	Feb. 5. 3 p.m.	51° N.	10° W.	30.26	NW	1-3	-
	" 7 a.m.	47° N.	31° W.	30.11	SSW	6-7	0	-	-	-	" 6 p.m.	51° N.	11° W.	30.26	NW	1-3	bc	

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

(a) The morning observations are at 7 a.m. western European time, (French Stations 6.51 a.m.), with the following exceptions, Bârr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
7th February, 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Weather.	Force (0 to 12).	Barometer.	TEMPERATURE.			Wind.	Force (0 to 12).	Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.		
								At 82° Fahr. and M.S.L.	Dry Bulb.	Wet Bulb.					Change since Yesterday.	Max.				Min.	
SCANDINAVIA.	Haparanda...	29.73	7	NW	4	6	29.75	+0.09	-11	-11	-7	N	2	6	14	3.11	*	*	-		
	Hernösand...	29.89	14	NNW	4	6	29.93	+0.18	5	4	-10	Z	0	6	21	3.5	*	*	-		
	Stockholm...	29.91	13	W	2	6	30.01	+0.27	5	4	-10	W	2	6	18	3.5	*	*	-		
	Wisby...	29.88	24	NNW	8	0	29.98	+0.27	26	24	+3	N	6	6	27	2.1	*	*	0.04		
	Karlstad...	30.04	12	Z	0	6	30.14	+0.22	8	8	+2	Z	0	6	*	*	*	*	-		
	Færder (X'ania Fjord)																				
	Bodö...	29.90	20	ENE	2	6	29.89	+0.05	30	28	+14	NW	2	6	30	14	*	*	-		
	Christiansund...	30.05	32	WNW	3	5	30.13	+0.21	33	31	+4	WSW	3	6	33	27	*	*	0.63		
ICELAND & FAEROE.	Skudesnaes...	30.10	31	Z	0	6	30.19	+0.33	25	25	-10	Z	0	6	36	25	6	*	-		
	Reykjavik...	29.54	40	SE	3	7	29.08	-0.60	38	*	+4	S	7	7	*	*	*	*	*		
	Blönduós...	29.69	40	S	5	0	29.17	-0.69	44	*	+16	S	5	5	*	*	*	*	*		
	Seydisfjord...	29.86	32	SW	2	6	29.49	-0.53	43	*	+16	SSE	5	7	*	*	*	*	*		
BRITISH ISLANDS.	Thorshavn...	30.11	34	S	1	C	29.90	-0.20	40	*	+10	S	6	C	*	*	*	*	*		
	Sumburgh Head	30.17	34	N	1	6	30.11	+0.09	37	33	+3	S	1	C	1	40	30	6	0.01		
	Stornoway...	30.14	39	S	1	6	29.93	+0.19	42	39	+5	SSE	6	6	45	35	6, 6, 6, 6	4.4	-		
	Castlebay (Barra Id.)	30.11	45	S	3	C	29.91	-0.23	45	42	+4	SE	6	6	47	40	0, C, 6, 6, 6	3.7	-		
	Malin Head...	30.10	42	SSE	2	6	29.85	-0.27	41	40	-2	SSE	4	6	48	38	6, 6, 6, 6	0.10	-		
	Blackod Pt. ...	30.10	46	SE	4	6	29.71	-0.47	47	45	+4	SSE	5	7	48	44	6, 6, 6, 6	0.26	-		
	Valencia...	30.05	49	SSE	3	0	29.74	-0.43	50	49	+5	SSE	4	7	51	44	0, C, 6, 6	0.8	1.04		
	Roche's Point...	30.14	48	S	4	0	29.87	-0.36	48	48	+15	S	6	0	49	33	6, 6, 6, 6, 6, 6	0.07	-		
	Birr Castle...	30.12	42	S	1	6	29.86	-0.34	45	43	+12	S	4	0	50	32	6, 6, 6	6.1	0.01		
	Donaghadee...	30.13	44	SSW	1	0	30.05	-0.12	43	40	+06	SE	4	6	49	37	6, 6, 6, 6	*	-		
	Liverpool Obsy...	30.20	40	NW	1	6	30.15	-0.01	34	33	-6	ESE	2	0	44	32	6, 6, 6	6.6	-		
	Holyhead...	30.20	41	Z	0	6	30.08	-0.11	40	39	-3	S	4	6	47	36	6	*	-		
	Pembroke (St. Ann's Hd.)	30.20	44	Z	0	6	30.03	-0.18	44	40	+4	SSE	6	6	47	39	6, 6, 6, 6	1.6	-		
	Scilly (St. Mary's)	30.19	47	S	2	C	30.02	-0.21	46	43	0	SSW	4	6	51	45	C	6.7	-		
	Jersey (St. Aubins)	30.21	43	NW	3	0	30.17	-0.05	33	32	-3	NW	2	6	49	30	6, 6, 6, 6	1.3	-		
	Portland Bill...	30.20	44	WNW	2	6	30.14	-0.06	45	43	+3	SE	3	0	47	38	6, 6	3.0	-		
	Dungeness...	30.16	38	N	2	6	30.19	+0.07	28	?	-5	NNE	1	6	46	24	6, 6, 6	7.0	-		
	Dover...	*	*	*	*	*	30.22	+0.08	31	31	-6	NNE	1	6	50	30	6, 6, 6	8.2	-		
	Wick...	30.15	35	N	1	6	30.02	-0.05	39	36	+7	S	3	6	43	30	-	*	0.02		
	Nairn...	30.18	32	Z	0	6	30.04	-0.06	30	29	-6	Z	0	6	43	27	C, 6, 6	3.3	-		
	Aberdeen...	30.19	36	WNW	1	6	30.13	+0.03	34	34	-1	SW	1	6	44	28	6, 6, 6	6.4	-		
	Leith...	30.19	33	W	1	m	30.12	0.00	27	26	-9	SW	1	6	43	26	6, 6, 6, 6	*	-		
	North Shields	30.17	39	N	2	C	30.16	+0.07	30	29	-4	SW	2	6	43	28	C	*	-		
	Spurn Head...	30.16	41	NNW	3	C	30.18	+0.10	35	34	-2	NW	2	6	43	34	6, 6, 6	*	-		
	Yarmouth...	30.16	40	NNW	3	Cp	30.20	+0.12	30	29	-3	NNW	2	6	45	30	6, 6	5.7	0.02		
	Clacton-on-Sea...	30.18	40	NW	3	6	30.22	+0.09	34	34	-1	NNE	3	6	45	31	6, 6, 6, 6	6.2	-		
	Nottingham...	30.19	33	E	1	6	30.20	+0.06	22	21	-16	Z	0	6	45	21	6, 6, 6, 6	2.0	-		
	Bath...	30.21	30	E	1	m	30.19	-0.02	31	30	-3	Z	0	6	48	30	-	6.2	-		
	Oxford...	30.23	34	Z	0	6	30.22	+0.02	24	24	-11	Z	0	6	45	24	6, 6, 6, 6	*	-		
	London (St. James's Pt)	30.18	43	NW	1	6	30.20	+0.05	28	28	-7	Z	0	6	46	28	C, 6	2.0	-		
GERMANY, &c.	The Scaw (Skagen)	30.06	31	N	2	6	30.14	+0.24	33	30	+5	N	2	6	34	27	*	*	-		
	Fanö...	30.13	27	N	2	6	30.20	+0.31	23	23	-6	NE	1	6	32	23	*	*	-		
	Cuxhaven†...	30.03	32	N	1	0	30.20	+0.32	29	82	+4	E	2	6	34	28	*	*	-		
	The Helder...	30.11	39	NW	2	6	30.20	+0.20	34	33	-5	ENE	3	6	39	34	*	*	-		
	Brussels...	*	*	*	*	*	30.21	+0.09	22	?	-11	Z	0	6	43	22	*	*	-		
	Berlin†...	30.01	29	NW	1	6	30.14	+0.36	26	74	-8	NW	2	6	34	26	*	*	-		
	Frankfurt†...	30.07	38	SW	4	f	30.16	+0.14	35	74	-2	NE	1	6	43	34	*	*	-		
	Munich†...	30.11	33	W	5	6	30.14	+0.08	31	100	-3	NW	4	6	36	30	*	*	0.04		
FRANCE.	C. Gris Nez...	30.14	40	N	2	6	30.21	+0.06	35	35	-4	E	2	6	46	34	*	*	-		
	La Hève...	30.15	41	NW	3	6	30.21	-0.01	37	37	-2	E	2	6	45	34	*	*	-		
	Brest...	30.23	46	SE	1	6	30.11	-0.15	44	41	+1	SE	4	0	52	41	*	*	-		
	Lorient...	30.19	45	NE	1	C	30.11	-0.14	39	38	0	ESE	3	6	54	37	*	*	-		
	Rochefort...	30.19	45	NNE	2	6	30.13	-0.10	36	36	-3	ENE	3	6	48	34	*	*	-		
	Biarritz...	30.16	50	NNE	3	0	30.09	-0.12	43	41	-5	SE	3	6	52	41	*	*	-		
	Paris...	30.18	43	NNW	2	0	30.21	+0.02	28	28	-3	NNE	1	6	46	27	*	*	-		
	Belfort...																*	*	-		
	Lyons...	30.20	39	NNW	1	6	30.21	-0.03	31	29	-5	NW	1	6	47	30	*	*	-		
	Nice...	29.95	44	Z	0	6	29.93	-0.02	43	37	+4	E	4	6	61	37	*	*	-		
SPANISH PENIN.	Perpignan...	30.07	49	N	1	6	30.05	-0.09	37	34	-11	NW	1	6	61	36	*	*	-		
	Sanguinaire...																*	*	-		
	Corunna...	30.17	54	N	1	6	30.13	-0.11	42	41	0	SW	3	6	54	39	*	*	-		
	Lisbon...	30.15	51	NNW	1	0	30.11	-0.07	51	49	0	WSW	1	6	55	48	*	*	-		
	Azores (P. Delgada)...	30.29	55	N	5	6	30.35	+0.34	55	53	-5	NW	3	6	63	52	*	*	-		
	„ Horta...	30.37	54	NW	1	6	30.37	+0.32	59	55	+3	W	3	6	61	52	*	*	-		

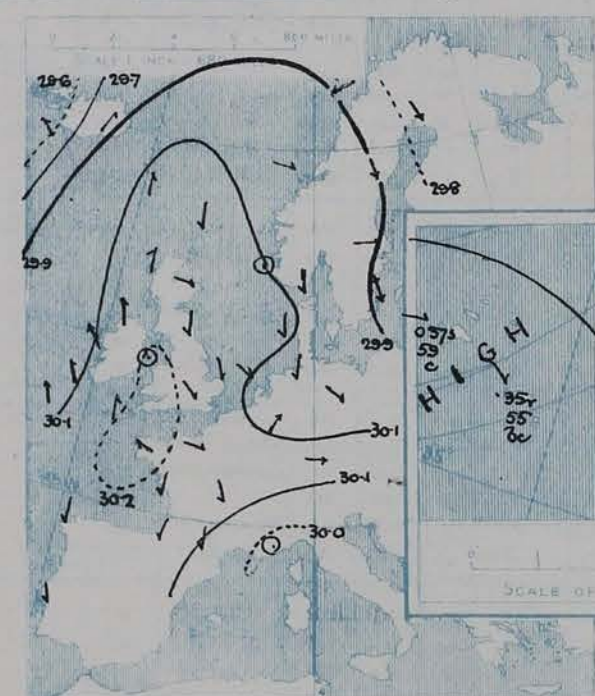


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

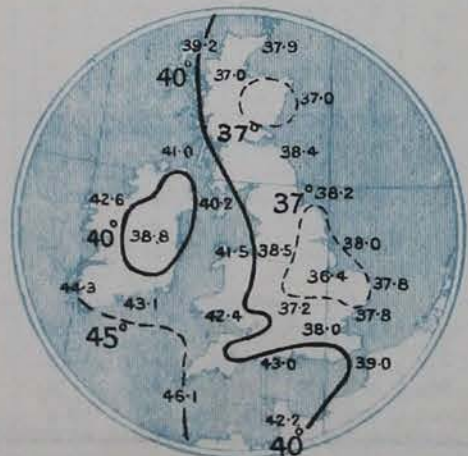
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

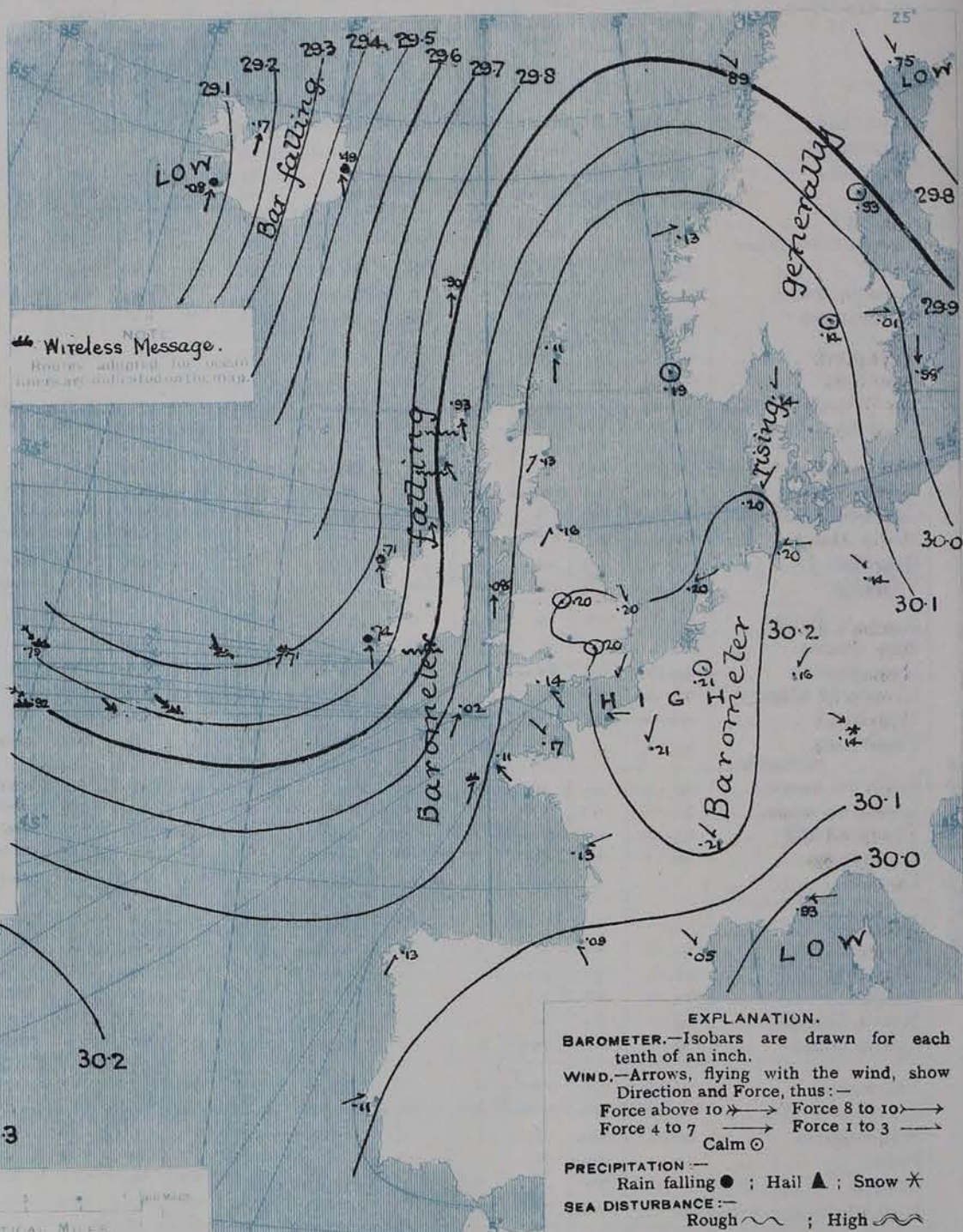


Sunday,

WEATHER

7<sup>th</sup> Feb:

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.

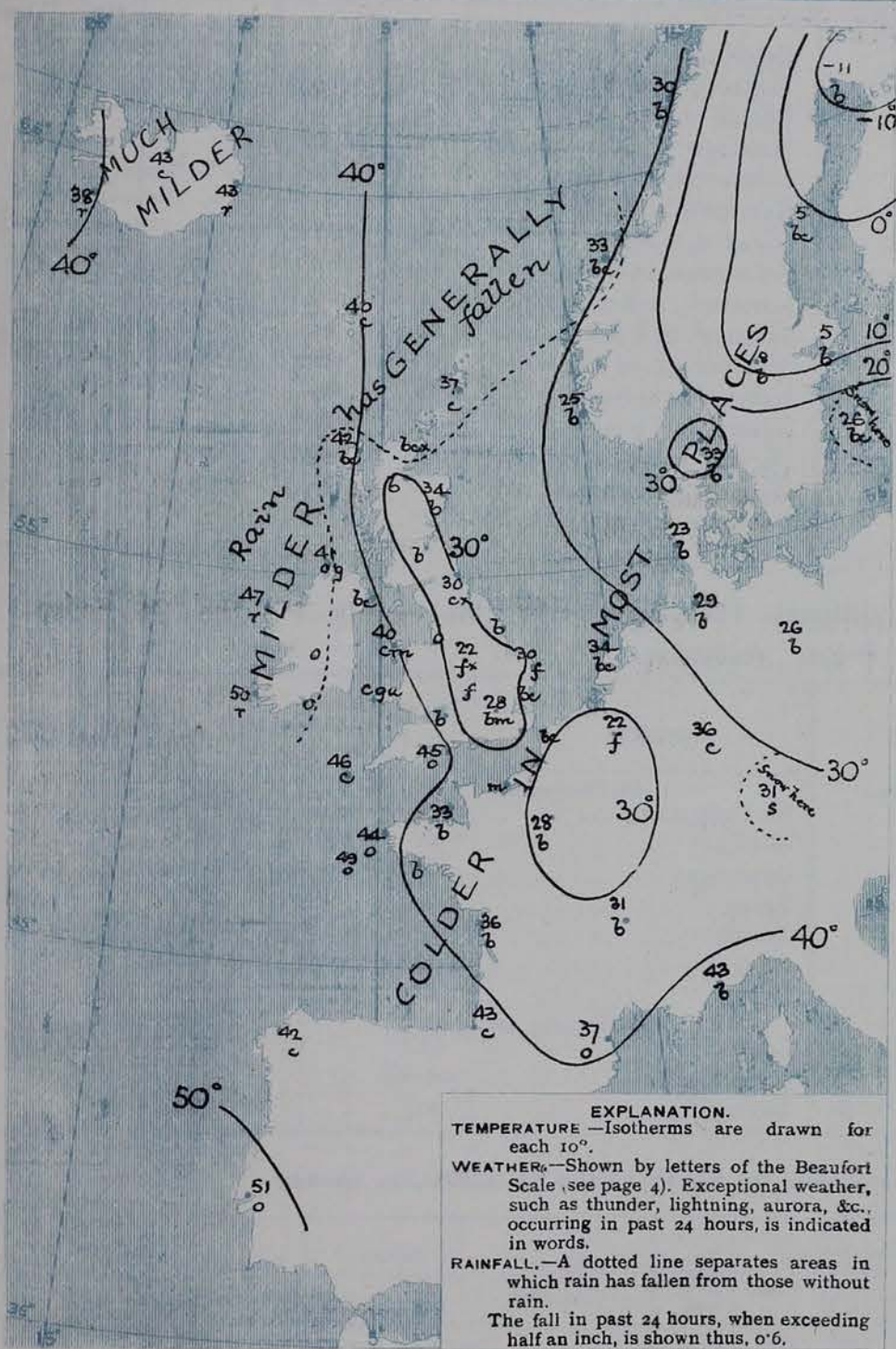
The central space of an anticyclone, with pressure above 30.2 ins., occupies south-eastern England, eastern France, and the Low Countries. In an extensive Atlantic disturbance the barometer is down to 29.7 ins. off the west of Ireland, and to 29.1 ins. in the south-west of Iceland. There is a considerable gradient over the western half of the British Isles and across to Iceland, elsewhere it is slight.

S.W. or S.E. winds, fresh or strong in places, prevail over the western half of the area under observation, calms and light N.W. to N.E. or E. over the eastern half. Wireless reports from the Atlantic show that N.W. winds fresh or strong to a gale, with fine to cloudy weather, prevail along the steamer routes between 15° W. and 35° W. Temperature has risen in the western regions, fallen elsewhere. At the home stations the values range from 22° at Nottingham to 52° at Valencia; in Scandinavia from -11° at Haparanda to 33° at Christiansund; over Western Europe from 22° at Brussels to 44° at Brest; and in Iceland from 26° to 44°. On the upper part of the Bay of Biscay the temperature of the air is 49°, and of the sea water 45°. The weather is fair to fine and clear in many places at home and abroad, but rain is falling in the west of Ireland, and locally in Iceland, snow at Munich, and the atmosphere is foggy in some parts of central and eastern England. The sea is rough off Queenstown and Barra, rather rough on the Minch, moderate to very smooth on other coasts.



# CHARTS *7<sup>th</sup> February, 1909.*

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



### NOTES ON YESTERDAYS WEATHER

During yesterday temperature rose to 45° and upwards in most localities, to 51° at Scilly and Valencia. Frost occurred this morning in many parts of Britain, temperature descending to 24° at Dungeness and Oxford, and 21° at Nottingham. Rain has fallen in the west, slight as a rule, but over an inch at Valencia. Generally there was an abundance of bright sunshine, up to 7.5 hours at Folkestone, and 8.2 hours at Dover.

### 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.

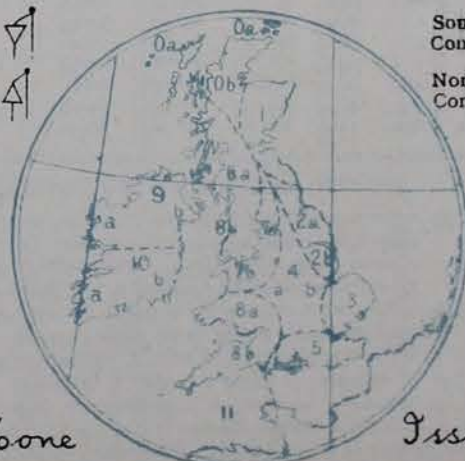
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



*None*

*Issued.*



## 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	37	m. bc, b	*	-	Brighton, to 6 p.m. ...	*	*	*	*	*
Rossall Beach, to 6 p.m....	48	38	c, b	*	-	Eastbourne, to 6 p.m. ...	*	*	*	*	*
Blackpool, to 9 p.m. ...	43	34	c, b, m	6.4	-	Bexhill-on-Sea, to 9 p.m. ...	47	32	b, m	3.8	-
Southport, to 9 p.m. ...	44	33	c, b, bf	7.0	-	Hastings ...	*	*	*	*	*
Rhyl, to 6 p.m. ...	*	*	*	*	*	Folkestone, to 6 p.m. ...	45	35	bc, b, bc	7.5	-
Colwyn Bay, to 6 p.m. ...	47	40	b, bc	6.0	-	Ramsgate, to 6 p.m. ...	*	*	*	7.4	-
Llandudno, to 9 p.m. ...	43	39	bc	6.0	-	Margate, to 6 p.m. ...	44	37	b	6.6	-
Bettws-y-Coed, to 6 p.m.	*	*	*	*	*	Felixstowe, to 6 p.m. ...	46	35	*	6.0	-
Towyn, to 6 p.m. ...	49	35	c, b	4.7	-	Lowestoft, to 6 p.m. ...	*	*	*	*	*
Aberystwyth, to 6 p.m. ...	48	39	*	6.0	-	Skegness, to 6 p.m. ...	45	32	bc, b, c	6.6	-
Plymouth, to 9 p.m. ...	46	33	bc, b	2.3	-	Scarborough, to 9 p.m. ...	47	35	o, c	0.0	0.02
Torquay, to 6 p.m. ...	50	35	*	3.7	-	Harrogate, to 6 p.m. ...	44	32	b, bc, b	6.5	-
Weymouth, to 6 p.m. ...	48	34	c, bc, b	3.0	-	Buxton, to 6 p.m. ...	41	33	c, bc, bf	1.8	-
Bournemouth, to 6 p.m. ...	47	34	bc, b, bc	4.0	-	Darwen, to 9 p.m. ...	43	32	bc, b	3.8	-
Southsea, to 6 p.m. ...	*	*	*	*	*	Manchester, to 9 p.m. ...	46	36	bc, c, bc	0.8	-
Worthing, to 6 p.m. ...	48	31	c, b, cmv	5.9	-	Birmingham, to 9 p.m. ...	43	37	o, b	0.8	-

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

STATIONS. 6th February 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 6th February 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	70	46	b, o	-	St. Petersburg ...	18	10	s. s.	0.12
Marseilles ...	55	43	b, c	-	Utrecht ...	46	36	c, c	0.16
Malta ...	58	54	o	-	Groningen ...	48	34	r, c	0.32
Algiers ...	61	40	b, b	-	Berne ...	*	*	o, o	0.08
Tunis ...	63	36	o, c	-	Zurich ...	*	*	o, c	0.12
Palermo ...	60	47	b, o	-	Geneva ...	not recd	*	*	*
Naples ...	53	43	o, o	-	Lugano ...	*	*	b, c	-
Brindisi ...	47	30	b, r	-	Coire ...	5th February 1909. 1.30 p.m.	*	1.30 p.m.	Measured 7.30 a.m.
Florence ...	50	37	o, o	-	Castasegna ...	43	*	b	-
Rome ...	51	46	o, b	-	Davos ...	not recd	*	*	-
Vienna ...	46	37	r, r	0.39		32	*	b	-

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Dominion 31st Jan. 4 a.m.	41 N	43 W	29.86	SSW	6-7	c	*	*	*		Patricia 4th Feb. 6 p.m.	48 N	25 W	30.00	WSW	3	
	41 N	49 W	29.84	S	6-7	c	*	*	*			50 N	15 W	30.07	SE	6-7	
	41 N	51 W	29.69	SSW	6-7	c	*	*	*			50 N	16 W	30.00	SSE	4-5	
	41 N	52 W	29.73	SSW	6-7	c	*	*	*			51 N	12 W	30.02	SSW	4-5	
	41 N	54 W	29.77	WNW	6-7	c	*	*	*			50 N	11 W	30.05	SSE	8-9	
Philadelphica 1st Feb. 4 a.m.	41 N	54 W	29.77	WNW	6-7	c	*	*	*		Philadelphia 3rd Feb. 3 p.m.	43 N	42 W	29.63	WNW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			43 N	43 W	29.68	WNW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			43 N	43 W	29.68	WNW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			43 N	43 W	29.68	WNW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			43 N	43 W	29.68	WNW	4-5	
Celtic 2nd Feb. 4 a.m.	41 N	54 W	29.78	W	4-5	r	*	*	*		Lake Michigan 1st Feb. 3 p.m.	41 N	56 W	29.85	WNW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			41 N	57 W	29.84	WNW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			41 N	59 W	29.89	NW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			41 N	60 W	30.02	NW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			41 N	62 W	30.06	WNW	4-5	
H.M.S. - Patricia 3rd Feb. 4 a.m.	41 N	54 W	29.78	W	4-5	r	*	*	*		Dominion 1st Feb. 3 p.m.	41 N	56 W	29.85	WNW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			41 N	57 W	29.84	WNW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			41 N	59 W	29.89	NW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			41 N	60 W	30.02	NW	4-5	
	41 N	54 W	29.78	W	4-5	r	*	*	*			41 N	62 W	30.06	WNW	4-5	

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

(a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

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

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,  
8<sup>th</sup> February, 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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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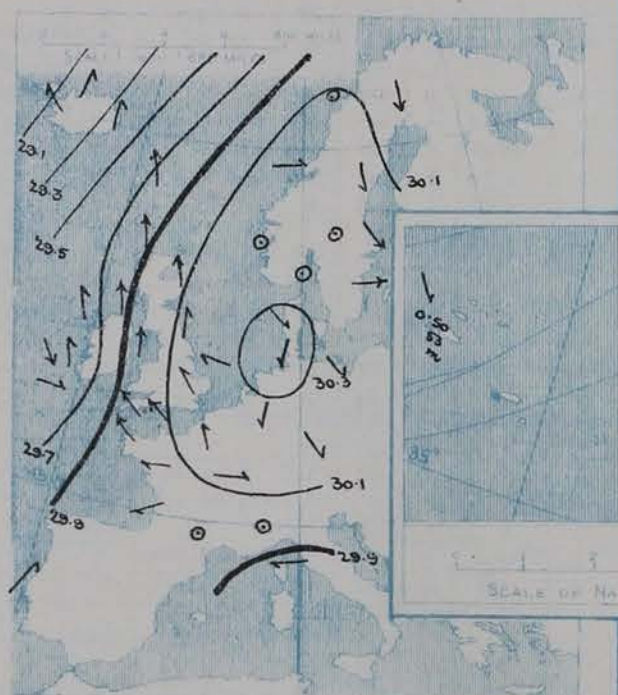


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

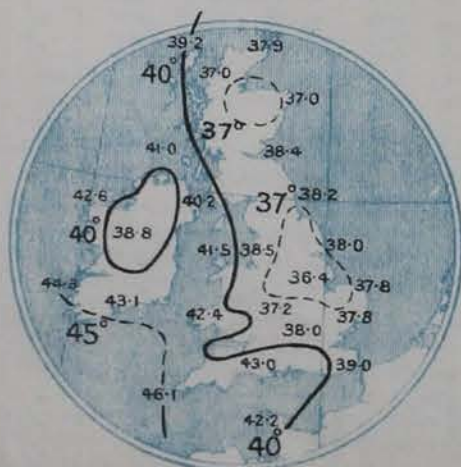
7 A.M. YESTERDAY



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.)

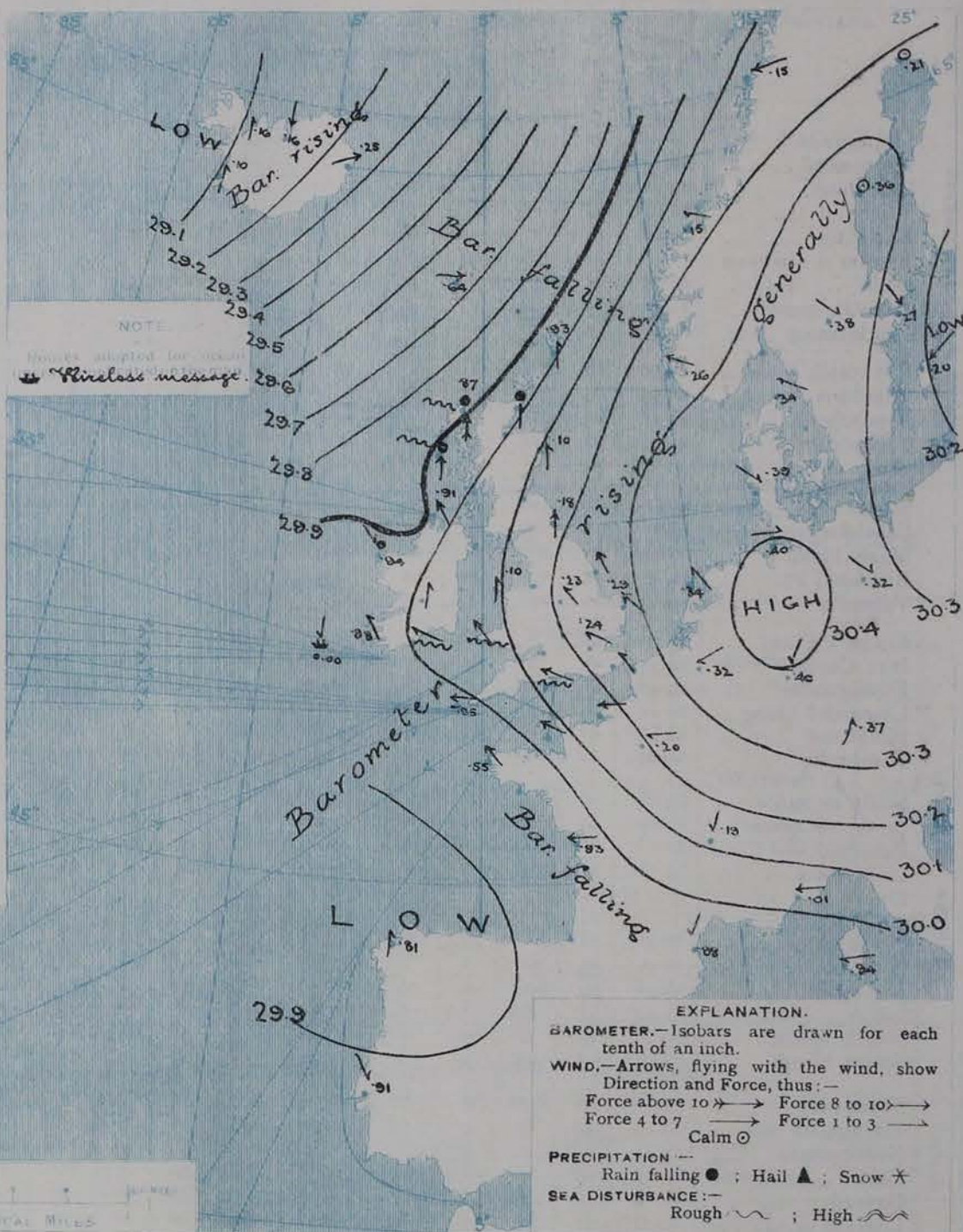


Monday,

WEATHER

8<sup>th</sup> Feb.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure has increased steadily in an anticyclone on the Continent to the eastward of this country, and is now above 30.4 ins. over the west of Germany. A depression which was advancing over these Islands from the Atlantic appears to have moved westwards again, and the barometer is now rising along our extreme western coasts. The lowest readings, 29.10 ins., are found in the west of Iceland.

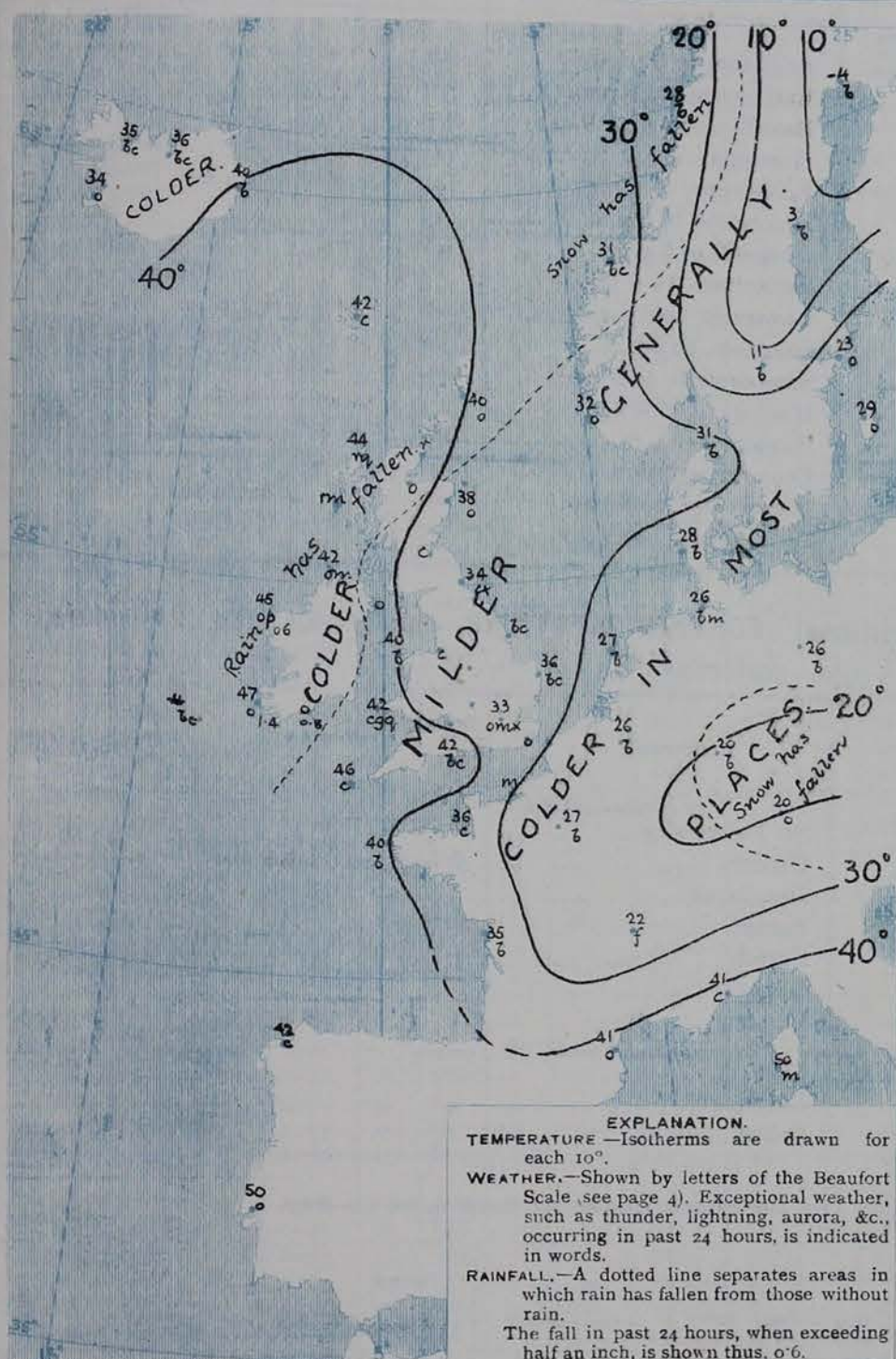
The wind is between South-East and East over England, the south of Ireland and in France, and Southerly over Scotland, while between Scotland and Ireland it appears to be South-Westerly. It blows freshly or strongly on our extreme south-west coasts, and with the force of a high wind in the Minch. Temperature has risen over England and in most parts of Scotland, fallen slightly in Ireland. Over these Islands it ranges from 47° on the south coast of Ireland to below 40° in most parts of Great Britain, and to 30° at Nottingham. The weather is fine and bright in most parts of Germany and the neighbouring countries of the Continent, as well as at a few stations in Great Britain. Over this country generally, however, there is much cloud, while rain is falling on our extreme north-west and north coasts.



# CHARTS

8th February, 1909.

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



## NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer remained below 45° in most parts of England and Scotland, and below 40° in places. Rain has fallen at some Scottish stations and in Ireland, the amount being large on the south and west coasts of the latter country; at Valencia the measurement is 1.4 inch. The day was very bright along the east and south-east coasts of England, several places recording more than 7 hours sunshine. According to wireless information a strong Northerly breeze prevails at about 150 miles west of the Farneet.

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

The anticyclonic system now lying to the eastward of these Islands will probably extend slowly in a westerly direction and increase in intensity. Generally fair weather, with the wind between East and South, and a rather low temperature, is to be expected.

## FORECASTS

For the 24 hours commencing at NOON TO DAY.

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

- 0 } Fresh or strong S. winds; some rain; moderate temperature.
- 1 } S. or S.E. winds, light or moderate; fair generally, overcast at times; moderate to rather low temperature. Frost at night.
- 2 }
- 3 } S. and S.E. winds, generally light or moderate; mostly fair or fine, overcast or misty at times, fog locally. Temperature rather low, frost at night.
- 4 }
- 5 }
- 6 } S. or S.E. winds, light or moderate; mostly fair or fine; moderate to rather low temperature.
- 7 } S. or S.E. winds, light or moderate, fresh in places; generally fair, some mist; rather low temperature. Frost at night.
- 8 }
- 9 } Wind between S and E, light to fresh; mostly fair, some showers in west. Moderate or rather low temperature.
- 10 }

## 11 WESTERN CHANNEL AND BAY



E. and S.E. winds, fresh or strong at times; sea generally moderate; fair, some mist.

## FORECAST DISTRICTS.

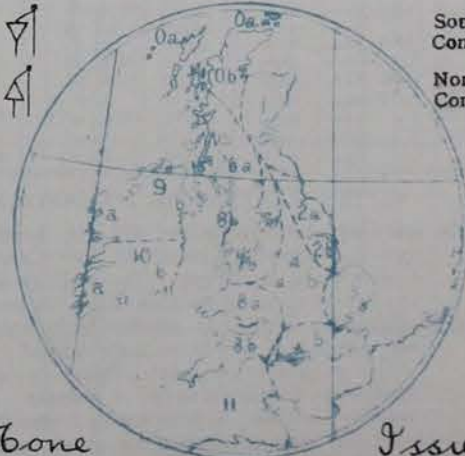
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.   
 North Cone. 

South Cone.   
 North Cone. 





## DAILY WEATHER REPORT.

Monday 8 February 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	bcq. o	*	-	Brighton, to 6 p.m. ...	47	29	*	4.9	-
Rossall Beach, to 6 p.m....	40	29	bc. c. o	*	-	Eastbourne, to 6 p.m. ...	46	26	*	7.9	-
Blackpool, to 9 p.m. ...	40	30		0.5	-	Bexhill-on-Sea, to 9 p.m. ...	44	33	v. b	7.1	-
Southport, to 9 p.m. ...	41	29	om. o. bc	0.5	-	Hastings ...	*	*	*	7.0	*
Rhyl, to 6 p.m. ...	43	31	*	1.0	-	Folkestone, to 6 p.m. ...	44	28	b. bc	7.2	-
Colwyn Bay, to 6 p.m. ...	45	40	bc. c	1.2	-	Ramsgate, to 6 p.m. ...	*	*	*	6.7	-
Llandudno, to 9 p.m. ...	44	33	bc. c. o	0.4	-	Margate, to 6 p.m. ...	46	32		7.0	-
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m. ...	44	31	o	0.0	-	Lowestoft, to 6 p.m. ...	41	31	b. c. o	7.9	-
Aberystwyth, to 6 p.m. ...	44	34	*	0.0	-	Skegness, to 6 p.m. ...	40	32	f. bc	3.0	-
Plymouth, to 9 p.m. ...	45	35	o. ov	0.0	-	Scarborough, to 9 p.m. ...	44	34			
Torquay, to 6 p.m. ...	45	34	*	0.0	-	Harrogate, to 6 p.m. ...	37	25	b. bc. f	0.0	-
Weymouth, to 6 p.m. ...	47	33	o. b. cu	0.7	-	Buxton, to 6 p.m. ...	37	23	b. f. bc. f	1.8	-
Bournemouth, to 6 p.m. ...	46	27	c. b. bc	0.5	-	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...			*			Manchester, to 9 p.m. ...	40	30	bc. b. bc. c	1.8	-
Worthing, to 6 p.m. ...	45	28	bc. c. o. c	5.1	-	Birmingham, to 9 p.m. ...	40	28	f. c. b	1.7	-

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

STATIONS. 7th February 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 7th February 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...					St. Petersburg ...				
Marseilles ...	Observations not received				Utrecht ...	Observations not received.			
Malta ...					Groningen ...				
Algiers ...					Berne ...				
Tunis ...					Zurich ...				
Palermo ...					Geneva ...				
Naples ...					Lugano ...				
Brindisi ...									
Florence ...									
Rome ...					Coire ...	6th February 1909.	1.30 p.m.	1.30 p.m.	Measured
Vienna ...					Castasegna ...		39	bc	7.30 a.m.
					Davos ...		45	b	-
							27	bc	0.20

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Mamelonka { Feb. 4th 4 a.m.	45N.	39W.	29.77	SW	6-7	-					Oceanic { Feb. 6th 4 a.m.	49N.	26W.	29.65	WNW	4-5	-
" 7 a.m.	44N.	40W.	29.63	SSW	8-9	r					" 7 a.m.	49N.	28W.	29.67	W	12	-
" 3 p.m.	43N.	42W.	29.78	WNW	4-5	-					" 3 p.m.	48N.	31W.	29.67	W	6-7	-
Campania { Feb. 4th 6 p.m.	43N.	42W.	29.76	N	1-3	r					" 6 p.m.	47N.	33W.	29.71	WNW	6-7	-
" 3 p.m.	43N.	43W.	30.06	NW	1-3	-					" 6 p.m.	48N.	28W.	29.97	SSE	5	-
" 6 p.m.	42N.	45W.	30.01	SSW	4-5	b					" 6 p.m.	47N.	31W.	29.63	WNW	7	-
" 7 a.m.	46N.	36W.	29.95	SW	4-5	-					" 7 a.m.	47N.	34W.	29.76	W	6	-
" 3 p.m.	45N.	37W.	29.88	SW	4-5	bc					" 6 p.m.	45N.	37W.	30.17	WNW	5	-
Cymric { Feb. 4th 6 p.m.	44N.	40W.	29.87	WNW	1-3	-					" 6 p.m.	47N.	27W.	29.80	S	2	-
" 7 a.m.	43N.	42W.	29.64	N	6-7	c					" 6 p.m.	45N.	38W.	30.00	NW	6	-
" 3 p.m.	43N.	43W.	29.74	N	6-7	c					" 6 p.m.	43N.	43W.	30.00	NW	6-7	-
" 6 p.m.	42N.	45W.	30.03	WNW	4-5	-					" 6 p.m.	43N.	42W.	29.98	NNW	6-7	-
" 7 a.m.	46W.	30.00	SW	6-7	o	-					" 6 p.m.	50N.	19W.	29.77	W	4-5	-
Pennsylvania { Feb. 4th 7 a.m.	41N.	44W.	29.76	NW	3	-					" 6 p.m.	50N.	21W.	29.96	WSW	6-7	-
" 6 p.m.	42N.	42W.	29.76	S	3	-					" 7 a.m.	51N.	14W.	29.77	WSW	4-5	-
" 7 a.m.	43N.	39W.	29.57	SW	7	-					" 7 a.m.	51N.	13W.	29.71	SSW	1-3	-
" 6 p.m.	44N.	36W.	29.88	WNW	5	-					" 7 a.m.	51N.	16W.	29.68	W	4-5	-
Oceanic { Feb. 6th 7 a.m.	45N.	32W.	29.92	SW	5	-					" 7 a.m.	51N.	17W.	29.49	NNW	6-7	-
" 7 a.m.	50N.	15W.	30.01	W	1-3	-					" 7 a.m.	41N.	44W.	29.73	NW	6	-
" 3 p.m.	50N.	16W.	30.03	W	1-3	c					" 6 p.m.	44N.	41W.	29.96	WNW	7	-
" 6 p.m.	50N.	20W.	29.96	SE	1-3	-					" 6 p.m.	46N.	33W.	29.73	SW	8	-
			29.87	SSE	4-5	b					" 6 p.m.	46N.	32W.	29.92	SW	5	-
											" 6 p.m.	47N.	26W.	29.92	NW	6	-
											" 6 p.m.	48N.	20W.	29.61	WNW	6	-
											" 6 p.m.	51N.	11W.	29.72	S	4-5	-
											" 6 p.m.	51N.	12W.	29.71	NNW	6-7	-
											" 6 p.m.	50N.	11W.	29.59	S	1-3	-
											" 6 p.m.	50N.	12W.	29.54	W	4-5	-

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

(a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m., local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

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

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday  
9th February, 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.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	30.30	-15	N	2	6	30.25	+0.4	-11	-11	-7	SSE	4	6	*	3	-15	*	*	-	
	Hernösand...	30.32	4	2	0	6	30.14	-22	20	19	+17	2	0	0	*	20	3	*	*	-	
	Stockholm...	30.35	23	NW	2	6	30.25	-0.2	17	16	-6	SW	2	0	*	27	17	*	*	-	
	Wisby...	30.31	27	N	6	0	30.25	+0.5	26	24	-3	SSW	4	5	*	30	26	*	*	-	
	Karlstad...	30.36	10	2	0	0	30.16	-22	27	27	+16	SW	2	0	*	*	*	*	*	-	
	Færder (X'ania Fjord)																				
	Bodö...	29.95	27	E	6	0	29.85	-30	32	31	+4	E	4	0	2	32	25	*	*	-	
	Christiansund...	30.02	35	SE	1	0	29.83	-32	37	33	+6	SE	1	0	3	37	31	*	*	-	
ICELAND & FAEROE.	Skudesnaes...	30.20	37	SSE	6	0	30.01	-21	39	36	+7	SSE	8	0	5	39	32	0	*	-	
	Reykjavik...	28.69	36	W	3	6	28.75	-35	35	*	+1	E	1	0	*	*	*	*	*	*	
	Blönduós...	28.78	41	S	7	0	28.88	-28	32	*	-3	2	0	0	*	*	*	*	*	*	
	Seydisfjord...	29.06	38	2	0	0	28.86	-39	40	*	0	2	0	0	*	*	*	*	*	*	
BRITISH ISLANDS.	Thorshavn...	29.59	42	SSW	4	0	29.20	-44	43	*	+1	SSW	5	0	*	*	*	*	*	*	
	Sumburgh Head	29.89	42	S	3	0	29.56	-37	42	41	+2	S	4	0	4	42	40	r. o	*	0.16	
	Stornoway...	29.83	42	SW	5	6	29.39	-48	43	42	-1	S	8	0	7	45	41	odm. c. b. o. d. q.	0.0	0.24	
	Castlebay (Barra Id.)	29.88	46	SW	4	0	29.43	-49	46	43	+1	W	4	0	4	47	42	rm. o. c. o. p. o.	0.8	0.27	
	Malin Head	29.91	44	SSE	4	ogm	29.49	-42	42	42	0	SSW	3	opm	2	45	40	ogm. opm	*	0.02	
	Blacksod Pt.	29.98	46	SSW	4	6	29.62	-32	44	41	-1	WNW	4	6	3	50	42	6c. bcp	*	0.16	
	Valencia...	30.03	47	SSE	4	0	29.79	-19	47	42	0	W	6	0	5	50	44	o. c. or	0.1	0.31	
	Roche's Point	30.09	47	S	3	0	29.74	-28	45	44	-2	WNW	5	6	4	49	45	og. r. 6c	*	0.32	
	Birr Castle	30.05	45	SSW	4	0	29.67	-36	41	40	-2	W	4	6	*	48	39	c. o. r	2.3	0.26	
	Donaghadee	30.08	43	SSW	3	0	29.65	-42	42	41	0	SSW	4	0	4	46	41	6c. o. or	*	0.10	
	Liverpool Obsy...	30.20	35	ESE	2	0	29.79	-37	33	32	0	ESE	3	0	3	38	31	o. 6c	0.3	-	
	Holyhead...	30.14	42	SSW	3	cm	29.71	-39	41	41	+1	S	7	0	5	44	37	c. cm	*	0.04	
	Pembroke (St. Ann's Hd.)	30.14	43	ESE	5	6	29.73	-31	46	45	+4	S	7	0	6	47	39	cgg. cgm. 6c	2.2	0.01	
	Scilly (St. Mary's)	30.10	44	ESE	4	0	29.85	-10	46	44	0	WSW	5	0	6	49	44	c	5.5	0.04	
	Jersey (St. Aubins)	30.17	37	E	4	6	30.03	-05	36	34	0	SSW	4	6	3	43	35	o. cm. fm	4.0	-	
	Portland Bill	30.19	41	ESE	6	6	29.93	-19	41	40	-1	SSW	5	0	5	44	40	6c	5.4	-	
	Dungeness...	30.26	39	E	3	0	30.06	-16	36	34	+1	S	4	0	4	40	33	c	5.5	-	
	Dover...	*	*	*	*	*	30.08	-19	38	37	+6	SSW	5	0	4	38	32	6. 6c. c	5.4	-	
GERMANY, &c.	Wick...	29.88	42	S	3	0	29.52	-41	42	40	+1	S	4	0	4	43	40	-	*	0.08	
	Nairn...	29.92	42	WSW	2	0	29.54	-42	42	39	+1	WSW	3	0	2	47	40	c. c. q.	2.0	-	
	Aberdeen...	30.03	39	SSW	1	0	29.67	-43	38	37	0	S	4	0	3	41	36	o. c. q. o	0.2	-	
	Leith...	30.07	40	2	0	0	29.66	-45	39	36	+3	SSW	4	0	*	43	35	c. 6c. c. o	*	-	
	North Shields	30.17	35	S	3	cm	29.81	-37	32	32	-2	S	3	cmx	2	37	29	c. cm	*	-	
	Spurn Head	30.25	35	SSW	3	6	29.91	-33	33	32	-4	S	5	0	4	37	32	6c. cx	*	-	
	Yarmouth...	30.30	36	SE	4	6	30.06	-23	35	33	-1	S	5	6	5	38	33	c. 6c	2.2	-	
	Clacton-on-Sea	30.31	37	ESE	4	0	30.05	-22	35	33	-1	ESE	4	6	3	39	35	6c. c. 6c	4.8	-	
	Nottingham	30.27	32	SSE	1	0	29.94	-29	34	33	+4	S	3	0	*	36	29	c. o. c. b	0.0	-	
	Bath...	30.24	37	E	2	0	29.93	-26	37	35	+3	S	1	0	*	42	30	-	*	1.3	
FRANCE.	Oxford...	30.26	33	SE	2	6	29.95	-31	35	33	+3	S	2	0	*	38	32	6cm. 6	*	-	
	London (St. James's Pk)	30.27	37	SE	2	6m	29.99	-25	35	34	+2	SSE	2	6	*	40	33	6m. 6c	0.7	-	
	The Scaw (Skagen)	30.32	33	SW	1	6	30.17	-17	32	30	+1	SW	4	0	1	34	30	*	*	-	
	Fanö...	30.39	28	W	2	6	30.22	-17	30	30	+2	SW	4	6	*	34	23	*	*	-	
	Cuxhaven†...	30.43	30	2	0	6	30.29	-11	23	88	-3	S	3	0	*	32	23	*	*	-	
	The Helder	30.39	31	SE	1	6	30.19	-15	25	24	-2	S	3	0	1	36	25	*	*	-	
	Brussels...	*	*	*	*	*	30.20	-12	27	23	+1	SE	1	0	*	39	25	*	*	-	
	Berlin†...	30.37	29	NE	1	6	30.34	+02	24	90	-2	2	0	6	*	36	23	*	*	-	
	Frankfurt†...	30.43	25	NE	2	6	30.37	-03	20	89	0	NE	1	m	*	30	16	*	*	-	
	Munich†...	30.42	22	NE	2	0	30.44	+07	12	89	-8	SSE	2	6	*	37	10	*	*	-	
SPANISH PENIN.	C. Gris Nez	30.26	32	SE	2	6	30.05	-18	28	26	-3	SSE	3	6	2	39	25	*	*	-	
	La Hève	30.19	36	E	4	m	30.08	-08	29	?	-1	SE	4	0	3	39	27	*	*	-	
	Brest...	30.10	46	ENE	2	6	30.02	+07	46	44	+6	SSW	4	0	5	48	37	*	*	-	
	Lorient	30.08	42	ENE	5	6	30.03	+11	38	37	+1	ESE	4	0	5	46	34	*	*	-	
	Rocheport	30.03	43	ENE	3	0	30.10	+17	35	34	0	E	3	6	*	50	32	6c. c	*	-	
	Biarritz	29.91	47	E	3	0	30.09	+24	44	43	+3	S	1	6	2	52	41	*	*	-	
	Paris	30.24	33	E	2	6	30.18	-02	25	23	-2	SE	2	6	*	43	22	*	*	-	
	Belfort...													*			*	*	-		
	Lyons	30.22	31	NNW	1	6	30.28	+09	24	23	+2	SE	1	6	*	34	22	*	*	-	
	Nice	30.09	40	2	0	6	30.22	+21	39	34	-2	2	0	3	50	39	*	*	-		
SPANISH PENIN.	Perpignan	30.02	45	2	0	0	30.17	+19	33	33	-8	WSW	1	6	*	52	32	*	*	-	
	Sanguinaire													*			*	*	-		
	Corunna													*			*	*	-		
SPANISH PENIN.	Lisbon													*			*	*	-		
	Azores (P. Delgada)													*			*	*	-		
	„ Horta	30.58	56	NNE	2	6	30.59	+09	52	50	-1	2	0	6m	1	63	52	*	*	-	

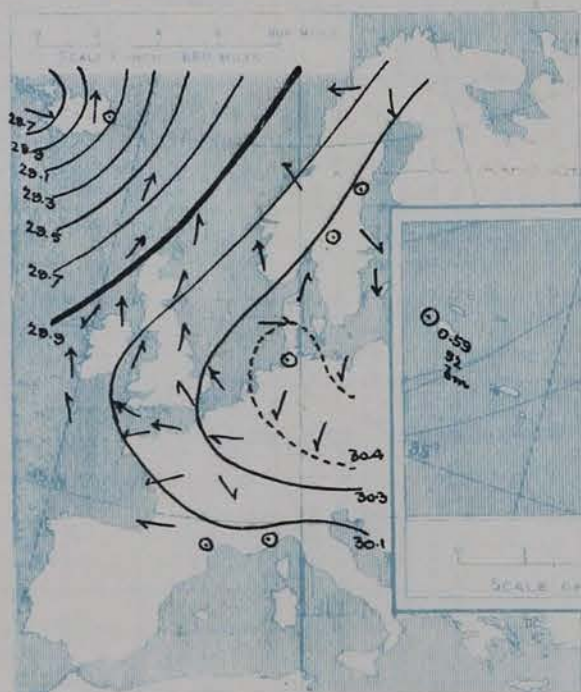


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

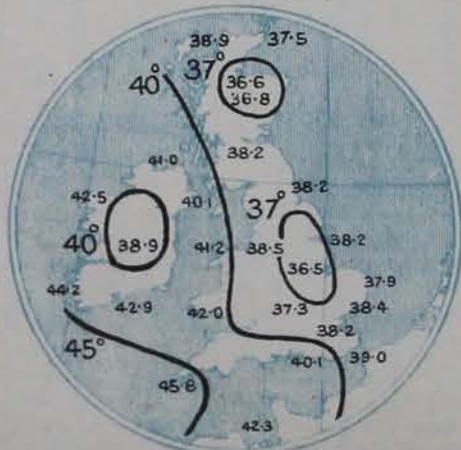
7 A.M. YESTERDAY



6 P.M. YESTERDAY



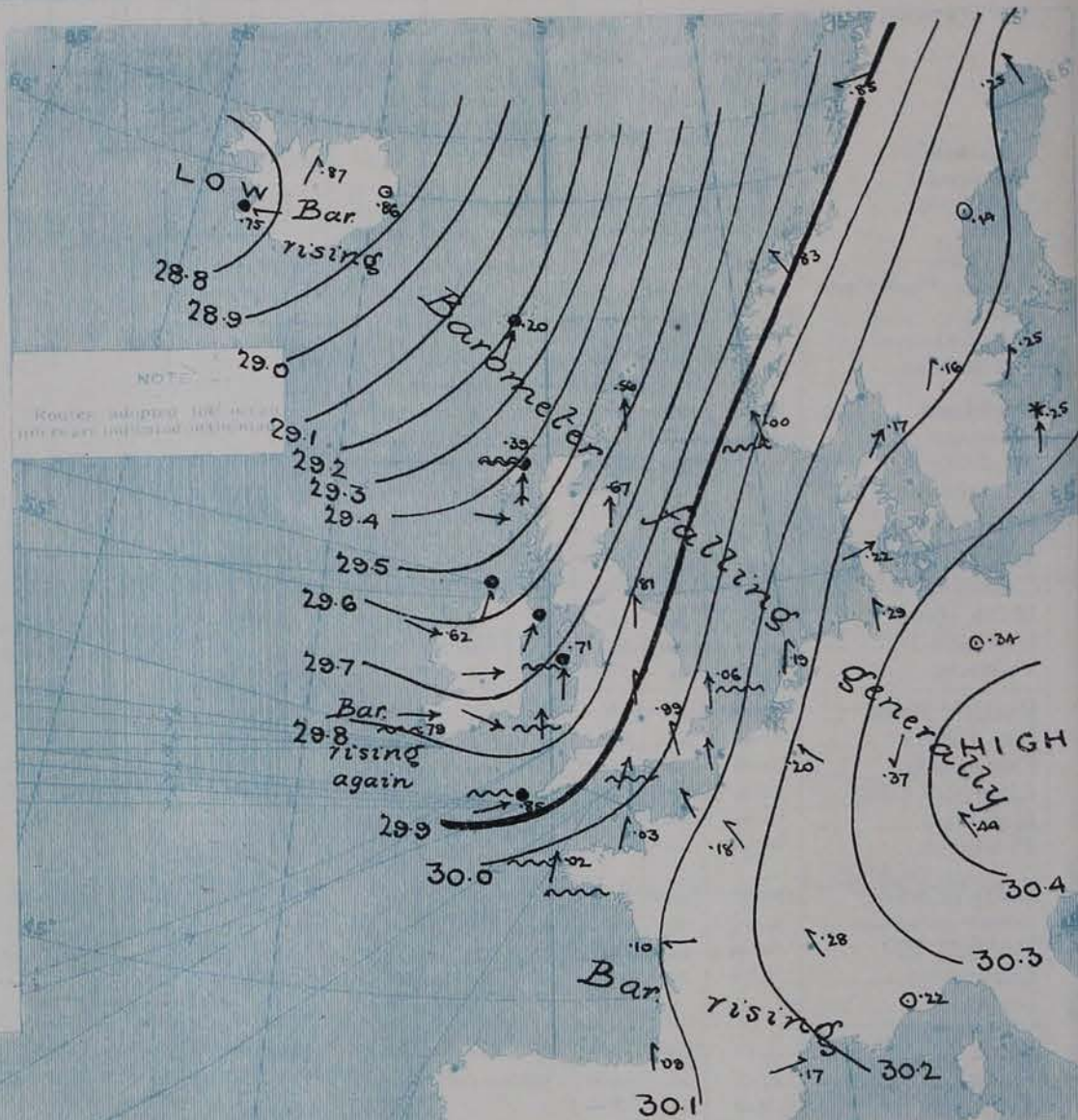
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF FEBRUARY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Tuesday,

WEATHER 9<sup>th</sup> Feby.

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 anticyclone on the Continent has taken up a position further to the S. E. and a very decided fall of the barometer has occurred over the United Kingdom, Norway, and the Icelandic region. The readings now range from above 30.4 ins. in Bavaria to below 28.8 ins. in the west of Iceland. The readings are relatively low in a secondary depression of a "V-shaped" character over our western districts.

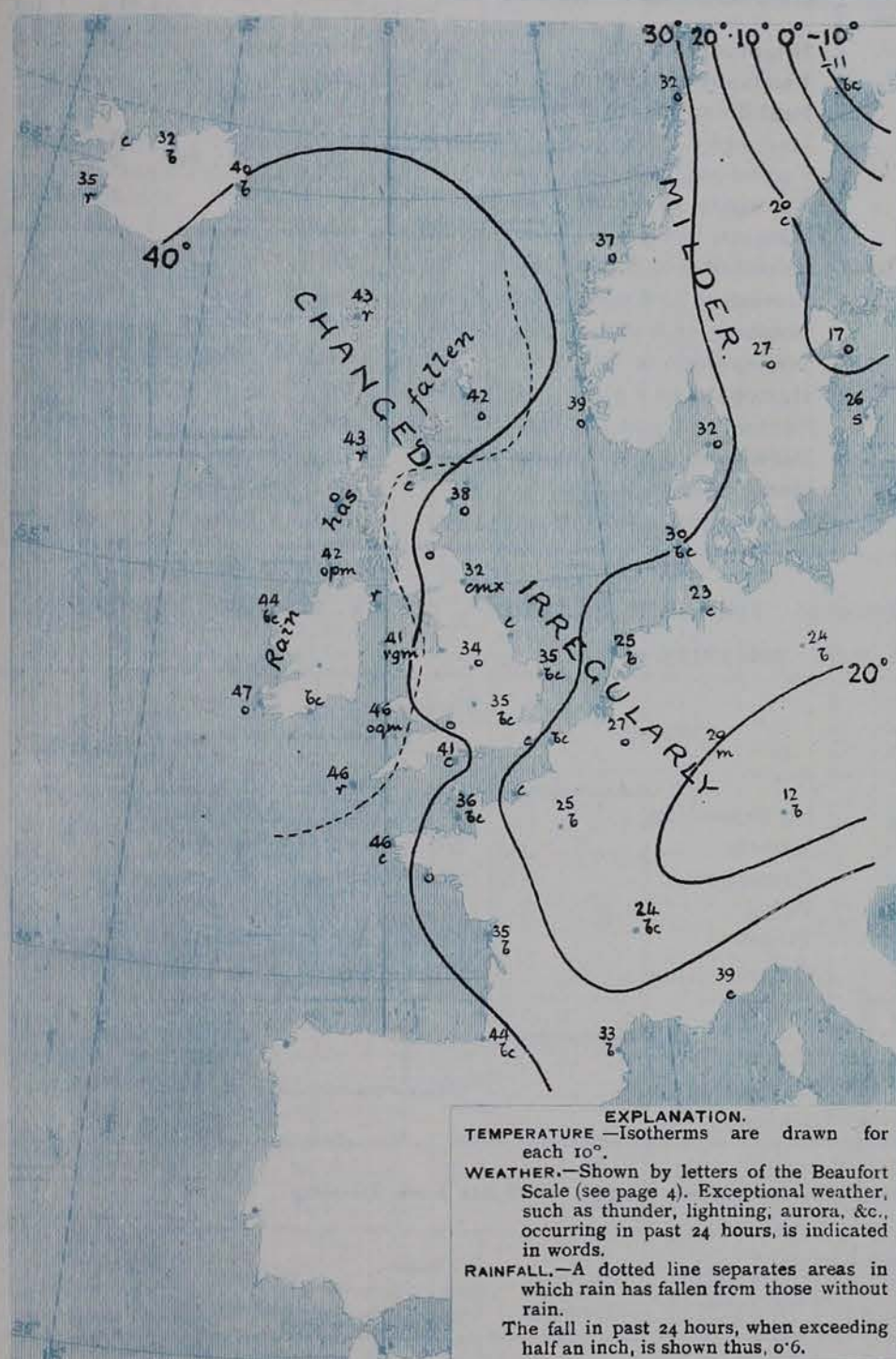
The wind has veered to West or West-North-West in the west and south of Ireland but is Southerly over the United Kingdom as a whole, and also over the greater portion of the North Sea and the west of Norway. It blows a gale at Stormoy and Shetland, a high wind at Pembroke and Holyhead, and a fresh breeze in some other localities. Temperature has changed rather irregularly. Over these Islands it ranges from 47° at Valencia, and 46° on the extreme south-west coasts of England to 35° or below at most places inland and along the east coast. The sky is nearly clear in a few parts of these Islands, and also over the greater portion of France and Germany. There is, however, much cloud over this country generally, and rain is falling at Scilly, and at some north-western stations. Rain is reported from the west of Iceland, and snow from Wisby.



# CHARTS

9th February, 1909.

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



## NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer remained below 40° in many parts of England, and only touched 36° at Nottingham. Slight frost occurred during the night in several places. About 0.25 in. of rain has fallen in several parts of Ireland, and small amounts at some stations in the extreme west and north of Great Britain. A solar halo was observed yesterday at Oxford and Jersey, and a lunar halo at night in London. A considerable amount of sunshine was again recorded in the south and south-east of England.

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

The barometrical changes in progress indicate a type of distribution favourable for winds between South and West over the United Kingdom. The secondary disturbance over our western districts is likely to cause some rain in most parts of the Kingdom during to-day or towards night.

## 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 S.W. winds, fresh or strong; squally, some rain; mild.
  - 1 } S.W. to S.W. winds, fresh in places; cloudy or dull, some rain then improving; milder.
  - 2 }
  - 3 } S.W. to S.W. winds, freshening; becoming overcast, with some rain; wind subsequently W. with fairer weather; temperature rising.
  - 4 }
  - 5 }
  - 6 } Same as Nos 1 & 2.
  - 7 }
  - 8 } Strong S.W. to fresh or moderate W. winds; rainy then improving; mild or moderate temperature.
  - 9 }
  - 10 } Wind mainly between S.W. and W. or S.W., fresh in places; changeable, some showers; mild or moderate temperature.
- II WESTERN CHANNEL AND BAY  
 S.W. to W. winds, fresh or strong to moderate; sea rather rough; changeable, some showers, then 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....	46	42	g. od. b. bc	*	-	Brighton, to 6 p.m. ...	41	35	*	3.8	-
Rossall Beach, to 6 p.m....	38	33	c	*	-	Eastbourne, to 6 p.m. ...	41	36	*	6.2	-
Blackpool, to 9 p.m. ...	38	33	o	0.0	-	Bexhill-on-Sea, to 9 p.m.	41	35	*	3.8	-
Southport, to 9 p.m. ...	36	33	o. c	0.0	-	Hastings ... ..	*	*	*	5.1	*
Rhyl, to 6 p.m. ... ..	44	34	*	0.7	-	Folkestone, to 6 p.m. ...	41	32	b. bc	5.2	-
Colwyn Bay, to 6 p.m. ...	45	35	bc. b	4.1	-	Ramsgate, to 6 p.m. ...	*	*	*	5.4	-
Llandudno, to 9 p.m. ...	45	35	c. bc. o	1.8	-	Margate, to 6 p.m. ...	40	32	b. o	3.0	-
Bettws-y-Coed, to 6 p.m.	46	35	b	2.3	*	Felixstowe, to 6 p.m. ...	39	36	*	3.5	-
Towyn, to 6 p.m. ... ..	45	39	o. bc. c	1.9	-	Lowestoft, to 6 p.m. ...	39	34	c. o. c	2.4	-
Aberystwyth, to 6 p.m....	45	37	*	1.0	-	Skegness, to 6 p.m....	39	34	bc. c	2.4	-
Plymouth, to 9 p.m. ...	47	39	b. bc	7.9	-	Scarborough, to 9 p.m. ...	39	32	o. c	0.0	-
Torquay, to 6 p.m....	46	41	*	6.3	-	Harrogate, to 6 p.m. ...	34	30	o. c. o	0.1	-
Weymouth, to 6 p.m. ...	44	40	b	5.4	-	Buxton, to 6 p.m. ... ..	34	29	bf. c. o. bc	1.5	-
Bournemouth, to 6 p.m....	43	34	bc. b	4.0	-	Darwen, to 9 p.m. ... ..	35	29	bc. o. c. o. m	0.0	-
Southsea, to 6 p.m....	43	38	*	2.3	-	Manchester, to 9 p.m. ...	34	32	c. o. c. o	0.2	-
Worthing, to 6 p.m. ...	45	35	c	4.5	-	Birmingham, to 9 p.m....	31	28	o. c. b	0.9	-

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

STATIONS. 8th February, 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 8th February, 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ... ..	68	48	b. b	Ins.	St. Petersburg ... ..	?	?	b. o	Ins.
Marseilles ... ..	54	26	b. b	-	Utrecht ... ..	36	21	b. b	-
Malta ... ..	58	52	o	-	Groningen ... ..	36	23	b. m	-
Algiers ... ..	63	50	bc. bc	-	Berne ... ..	?	*	b. b	-
Tunis ... ..	64	37	c. bc	-	Zurich ... ..	?	?	b. b	-
Palermo ... ..	59	45	o. c	-	Geneva ... ..	?	*	b. bc	-
Naples ... ..	55	43	o. o	0.08	Lugano ... ..	?	*	b. b	-
Brindisi ... ..	50	35	o. b	0.16	Coire ... ..	7th February, 1909.	1.30 p.m.	1.30 p.m.	Measured 7.30 a.m.
Florence ... ..	51	37	b. bc	-	Castasegna ... ..	Observations not received.			
Rome ... ..	55	40	o. b	0.12	Davos ... ..	Observations not received.			
Vienna ... ..	37	18	o. b	0.16					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Direc.	Force.	
	°	°	Ins.				°	°	°			°	°	Ins.			
Feb. 6. 3 p.m.	45N.	37W.	29.89	NNW	6-7	-	-	-	-	-							
" 6 p.m.	46N.	36W.	29.97	NW	6-7	o	-	-	-	-							
Feb. 7. 4 a.m.	47N.	31W.	29.97	NNW	6-7	-	-	-	-	-							
" 7 a.m.	48N.	28W.	30.03	NW	6-7	c	-	-	-	-							
" 3 p.m.	49N.	24W.	30.04	NW	6-7	c	-	-	-	-							
" 6 p.m.	49N.	22W.	30.05	NW	4-5	bc	-	-	-	-							
Feb. 8. 4 a.m.	50N.	16W.	30.03	NW	4-5	-	-	-	-	-							
" 7 a.m.	50N.	13W.	30.00	N	6-7	bc	-	-	-	-							
Feb. 6. 6 p.m.	46N.	29W.	29.96	WSW	5	-	-	-	-	-							
Feb. 7. 7 a.m.	47N.	25W.	29.92	WNW	9	-	-	-	-	-							
" 6 p.m.	47N.	23W.	30.16	NW	6	-	-	-	-	-							
Feb. 7. 4 a.m.	49N.	24W.	29.68	NNW	6-7	-	-	-	-	-							
" 7 a.m.	49N.	25W.	29.79	NW	8-9	c	-	-	-	-							
Feb. 7. 3 p.m.	50N.	19W.	29.92	N	8-9	-	-	-	-	-							
" 6 p.m.	50N.	20W.	30.03	NNW	6-7	c	-	-	-	-							
Feb. 8. 6 p.m.	49N.	10W.	30.08	SSE	2	-	-	-	-	-							

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

(a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

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

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday.  
10<sup>th</sup> February, 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Weather.		Barometer.	Temperature.			Wind.	Force (0 to 12).	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.			At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.			Max.	Min.					
		Ins.					Ins.	Ins.										Hours.	Ins.		
SCANDINAVIA.	Haparanda...	30.15	-4	S	1	o	30.15	-10	3	3	+14	S	2	o	23	-17	*	*	-		
	Hernösand...	30.01	26	S	2	o	30.04	-10	28	27	+8	S	4	S	28	3	*	*	-		
	Stockholm...	30.10	26	SSE	2	o	30.12	-13	25	23	+8	SE	4	S	27	14	*	*	0.04		
	Wisby...	30.09	21	Z	0	b	30.07	-18	22	21	-4	SE	4	C	28	18	*	*	-		
	Karlstad...	30.02	26	SSW	2	o	30.04	-12	23	22	-4	ESE	2	o	*	*	*	*	-		
	Færder (X'ania Fjord)																	*	*	-	
	Bodö...	29.77	31	E	2	b	29.84	-01	22	20	-10	E	4	b	2	36	21	*	*	-	
ICELAND & FAEROE.	Christiansund...	29.64	32	E	1	bc	29.72	-11	32	30	-5	ESE	1	C	3	41	27	*	*	-	
	Skudesnaes...	29.68	36	SSE	8	o	29.66	-28	34	30	-5	SE	8	C	5	39	32	o	*	-	
	Reykjavik...	29.13	33	NE	3	bc	29.83	+1.08	25	*	-10	N	3	b	*	*	*	*	*	*	
	Blönduós...	29.32	38	NE	6	o	30.05	+1.17	20	*	-12	NE	2	o	*	*	*	*	*	*	
BRITISH ISLANDS.	Seydisfjord...	29.07	36	Z	0	r	29.75	+8.9	26	*	-14	SW	4	o	*	*	*	*	*	*	
	Thorshavn...	29.18	40	Z	0	C	29.49	+2.9	38	*	-5	Z	0	bc	*	*	*	*	*	*	
	Sumburgh Head	29.34	40	S	4	o	29.32	-2.4	40	39	-2	S	4	o	5	42	39	o	*	0.12	
	Stornoway...	29.28	39	W	2	r	29.46	+0.7	41	40	-2	NNW	5	C	4	47	39	od, c, odpg	2.0	0.34	
	Castlebay (Barra Id.)	29.32	42	NW	4	op	29.51	+0.8	42	38	-4	NNW	2	bc	3	46	38	op, c, or, c, bc	1.8	0.10	
	Malin Head...	29.34	39	SW	5	cqp	29.50	+0.1	42	39	0	NW	4	bcqp	4	47	37	cqp, bcqp	*	0.19	
	Blacksod Pt.	29.60	36	NNW	7	rhpq	29.68	+0.6	41	40	-3	W	6	rhpq	4	45	36	cqp, chq, orq	*	0.34	
	Valencia...	29.72	43	WNW	6	Cq	29.78	-0.1	44	41	-3	NW	7	C	6	48	37	o, cqp, hp, cqp	2.5	0.24	
	Roche's Point...	29.68	39	W	4	o	29.68	-0.6	40	39	-5	WNW	5	bcq	4	48	37	bcqp, cqp, bc	*	0.15	
	Birr Castle...	29.56	37	W	5	o	29.63	-0.4	36	35	-5	W	3	bc	*	45	34	c, r, s, o	2.0	0.09	
	Donaghadee...	29.41	41	SW	3	r	29.47	-1.8	40	37	-2	NW	4	C	3	46	36	bc, bc, op	*	0.25	
	Liverpool Obsy...	29.45	39	SW	4	r	29.39	-4.0	39	39	+6	WNW	4	o	3	44	33	od, bc, r	0.9	0.22	
	Holyhead...	29.48	41	WNW	6	cp	29.44	-1.7	42	41	+1	NW	8	C	6	46	38	r, bc, cp	*	0.31	
	Pembroke (St. Ann's Hd.)	29.56	43	W	7	C	29.54	-1.9	40	38	-6	WNW	7	bcq	6	48	39	oq, r, bcq, cqp	3.8	0.22	
	Scilly (St. Mary's)	29.78	48	WNW	6	C	29.63	-2.2	45	42	-1	WNW	5	oq	5	51	43	C, o, l	5.2	0.32	
	Jersey (St. Aubins)	29.79	45	W	5	bc	29.57	-4.6	39	37	+3	WNW	5	o	4	49	35	orgm, cp, hp	0.8	0.28	
	Portland Bill...	29.64	46	WSW	4	bc	29.48	-4.5	40	39	-1	WNW	7	rq	5	47	38	rq, o, bc	1.8	0.19	
GERMANY, & C.	Dungeness...	29.62	42	SSW	6	r	29.40	-6.6	35	34	-1	W	4	C	4	44	33	C, b, qp, c	0.0	0.15	
	Dover...						29.42	-6.6	40	39	+2	W	2	b	4	43	32	C, bc, c, or, bc	1.0	0.08	
	Wick...	29.29	42	S	4	o	29.40	-1.2	38	37	-4	S	1	r	2	43	36	-	*	0.18	
	Nairn...	29.29	36	W	1	bc	29.37	-1.7	39	38	-3	W	1	r	1	44	34	C, bc, c, od	0.0	0.03	
	Aberdeen...	29.33	37	SSW	1	r	29.36	-3.1	36	35	-2	NW	2	o	2	38	33	om, op, ors	0.0	0.22	
	Leith...	29.32	41	WNW	1	o	29.34	-3.2	39	38	0	W	2	r	*	41	36	o, c, op, or	*	0.09	
	North Shields	29.38	34	SW	3	om	29.32	-4.9	36	36	+4	WNW	2	r	2	37	30	rs, om	*	0.05	
	Spurn Head...	29.45	37	SSW	4	r	29.34	-5.7	37	36	+4	WSW	3	o	2	38	32	ogm, or, bc, o	*	0.04	
	Yarmouth...	29.60	38	S	5	ru	29.37	-6.9	35	35	0	WSW	2	om	3	39	33	bc, ru	6.0	0.13	
	Clacton-on-Sea...	29.60	39	S	5	r	29.38	-6.7	33	33	-2	W	3	S	2	39	34	bc, c, og, r, bs	1.4	0.07	
	Nottingham...	29.48	37	SW	1	b	29.38	-5.6	34	34	0	SW	2	o	*	40	33	opf, ors, b, c, o	0.0	0.08	
	Bath...	29.60	44	WSW	2	o	29.47	-4.6	35	35	-2	W	1	o	*	48	34	-	1.7	0.12	
	Oxford...	29.52	40	SW	4	o	29.43	-5.2	33	32	-2	W	2	o	*	44	32	o, c, or, c, o, or	*	0.06	
	London (St. James's Pk)	29.59	41	SW	2	bc	29.41	-5.8	35	34	0	WSW	3	o	*	42	35	bc, o, rg, bc, r	0.0	0.13	
	The Scaw (Skagen)	29.92	32	SSW	3	b	29.88	-3.9	28	28	-4	SE	4	o	1	36	28	*	*	-	
FRANCE.	Fanö...	29.82	27	SE	6	bc	29.65	-5.7	26	25	-4	SE	8	bc	*	34	21	*	*	-	
	Cuxhaven†...	29.95	30	SSE	4	o	29.62	-6.7	25	91	+2	SE	4	o	*	34	23	*	*	-	
	The Helder...	29.72	31	S	7	o	29.43	-7.6	35	34	+10	S	2	o	2	36	25	*	*	-	
	Brussels...	*	*	*	*	*	29.47	-7.3	36	36	+9	S	3	r	*	39	26	*	*	0.12	
	Berlin†...	30.09	26	SE	1	o	29.81	-5.3	22	78	-2	SE	3	bc	*	30	19	*	*	-	
	Frankfurt†...	29.97	29	SE	3	b	29.70	-6.7	31	96	+11	N	1	o	*	36	20	*	*	-	
	Munich†...	30.13	18	SE	2	b	29.89	-5.5	23	80	+11	SSE	2	C	*	25	12	*	*	-	
	C. Gris Nez...	29.65	36	S	6	S	29.42	-6.3	38	37	+10	W	4	C	4	38	28	*	*	0.35	
	La Hève...	29.76	39	SW	6	o	29.52	-5.6	37	36	+8	WSW	6	r	5	43	29	*	*	0.24	
	Brest...	29.89	49	WNW	5	o	29.71	-3.1	44	41	-2	NW	5	b	3	49	39	*	*	0.24	
	Lorient...	29.90	48	W	4	o	29.71	-3.2	42	41	+4	WNW	5	r	5	50	38	*	*	0.08	
	Rochefort...	29.96	49	SSW	3	o	29.74	-3.6	46	45	+11	WNW	4	o	*	48	35	C, o	*	0.12	
	Biarritz...	30.11	53	WSW	4	C	29.91	-1.8	48	47	+4	WSW	5	r	5	55	44	*	*	0.04	
	Paris...	29.88	39	SSW	3	o	29.57	-6.1	38	37	+13	SW	3	o	*	40	25	*	*	0.08	
	Belfort...														*		*	*	*	-	
	Lyons...	30.10	40	S	2	o	29.83	-4.5	41	37	+17	S	4	o	*	45	24	*	*	-	
SPANISH PENIN.	Nice...	30.21	40	E	2	o	30.02	-2.0	38	36	-1	E	2	r	2	46	34	*	*	-	
	Perpignan...	30.16	44	Z	0	b	29.89	-2.8	39	37	+6	W	1	o	*	56	33	*	*	-	
	Sanguinaire...	30.13	43	NW	2	b	30.06	-0.4	47	41	+4	E	3	bc	2	55	43	*	*	-	
SPANISH PENIN.	Corunna...																	*	*	-	
	Lisbon...	30.13	51	N	5	b	30.15	+1.4	52	49	+4	N	2	C	*	57	48	*	*	-	
	Azores (P. Delgada)...	30.58	54	NW	2	o	30.52	-0.7	52	50	0	W	2	C	2	64	52	*	*	-	



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

Wednesday.

WEATHER

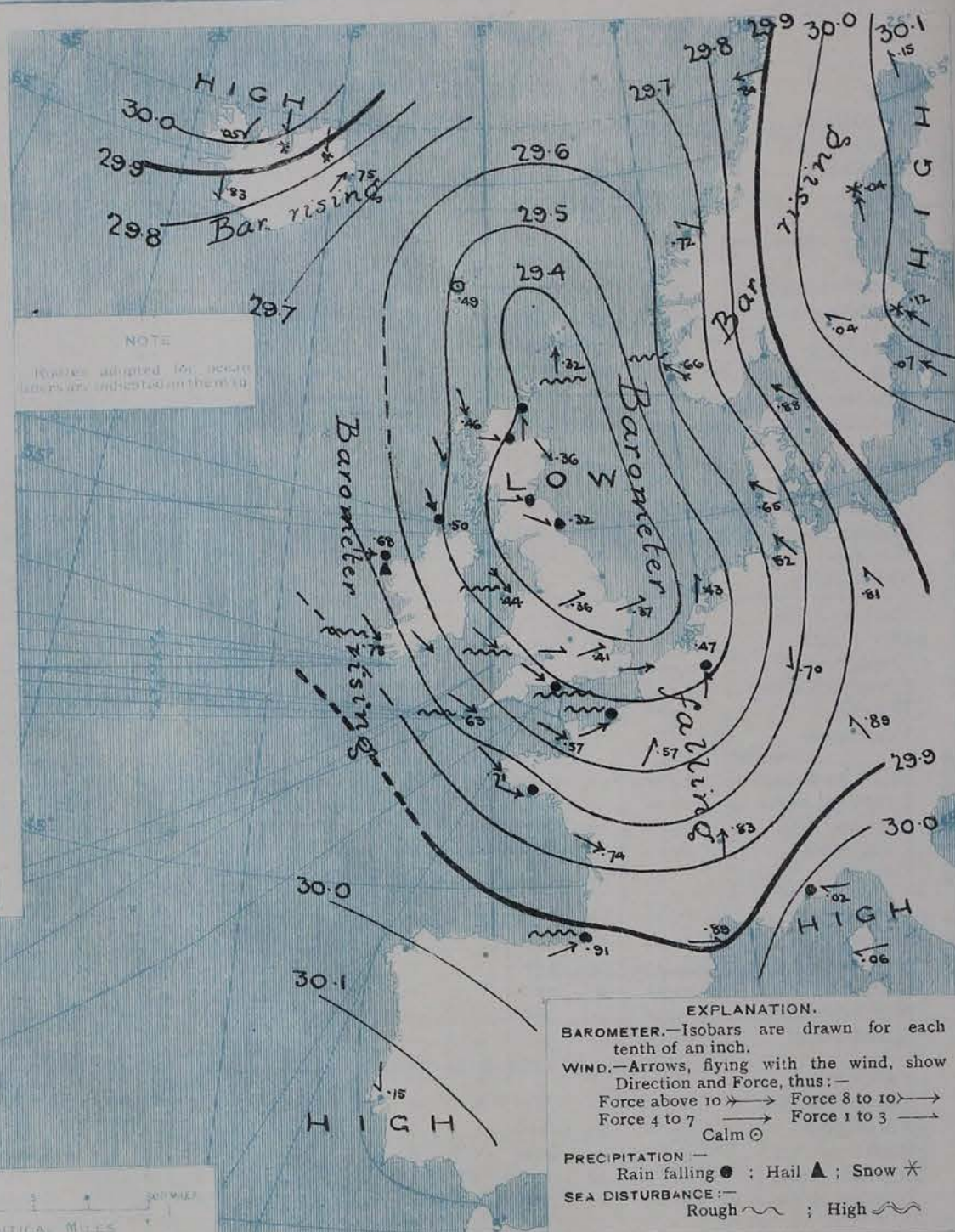
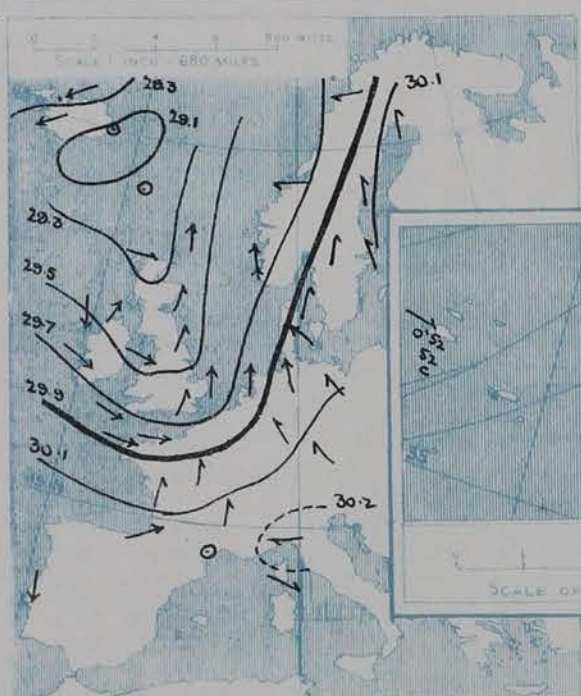
10<sup>th</sup> Feb.

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

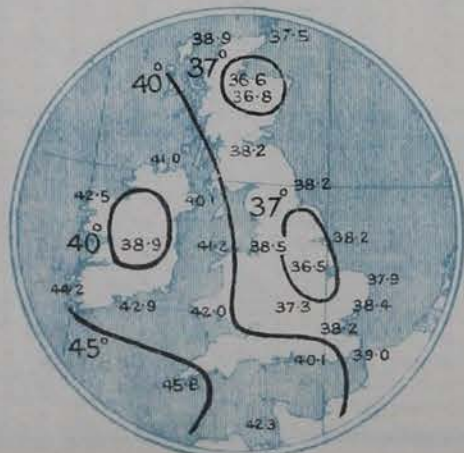
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large depression now covers the eastern half of Britain and the adjacent portion of the North Sea, the lowest barometer reading reported being 29.32 ins. at North Shields. Over the Gulf of Bothnia the barometer is about 30.10 ins., and over the Gulf of Genoa and also in the north-west of Iceland it is about 30.0 ins. Pressure is decreasing over Germany, Denmark and the Baltic, rising over Iceland and in the west and north of these Islands.

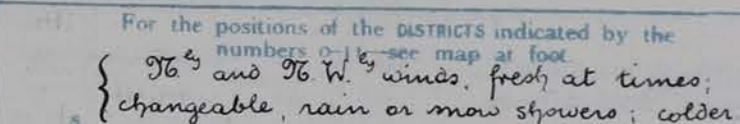
The cyclonic circulation of the wind is well marked. The N.W. current is strong or high on our west and south-west coasts generally, and blows a gale at Holyhead, while the S.E. current has the force of a gale on the eastern shores of the North Sea. Temperature has fallen in the west and north of these Islands and in Norway, risen in Sweden, South Germany, the Netherlands, and in most parts of France. Over the United Kingdom it ranges from 45° at Scilly to 35° in London, and to 33° at Chaston-on-Sea. The weather is in a cloudy, unsettled condition. Rain is reported from several parts of these Islands and some parts of France and Belgium, and snow in Sweden and at some stations in Iceland.



10th February 1909.

## FORECASTS

For the 24 hours commencing at  
NOON TO DAY.



Wind between N.W. and N.,  
freshening in many places; unsettled,  
some showers of rain, sleet or snow,  
fair at times; temperature continuing  
rather low. Frost at night.

{ N.<sup>ly</sup> and N.W.<sup>ly</sup> winds, fresh or moderate;  
changeable, showers of sleet or snow; colder.

N.W.<sup>ly</sup> or N.<sup>ly</sup> winds, moderating gradually in force; changeable, some showers of rain, sleet or snow; rather colder, frost at night.

Wind between N. and W, fresh or strong to moderate; changeable, some showers of rain or sleet; temperature rather low.

## II WESTERN CHANNEL AND BAY

Fresh or strong N.W. winds; sea rather rough; changeable, squally, some showers.

## NOTES ON YESTERDAYS WEATHER

During the past twenty-four hours the temperature rose to  $48^{\circ}$  at some of our western and south-western stations, but remained below  $40^{\circ}$  in several eastern and north-eastern localities. Showers of rain or sleet have been experienced in this country and its immediate neighbourhood. The duration of bright sunshine was very slight except at a few places in the south-west and at Yarmouth.

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


The depression over the North Sea region seems likely to move south-eastward. In its rear the North-Westerly current of wind will extend to the whole of the United Kingdom. Slight irregularities of pressure will probably appear and be accompanied by showers of rain, sleet, or snow.


### FORECAST DISTRICTS.

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

Signals hoisted yesterday.

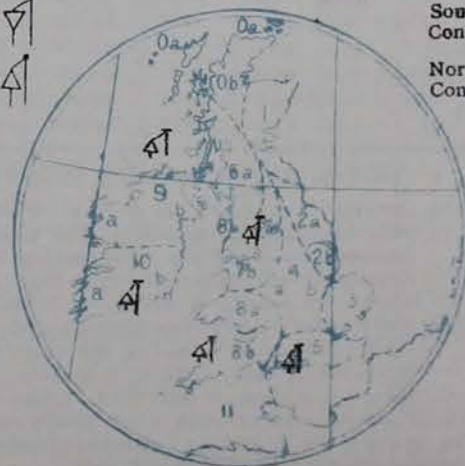
Signals hoisted  
this morning.

South Cone. 

North Cone. 

South Cone. 

North Cone. 





# DAILY WEATHER REPORT.

Wednesday 10th February, 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	41	cy, or, bp, bc	*	0.05	Brighton, to 6 p.m. ...	44	36	*	0.0	0.10
Rossall Beach, to 6 p.m....	42	31	c, ors, cf	*	0.14	Eastbourne, to 6 p.m. ...	45	37	*	0.2	0.10
Blackpool, to 9 p.m. ...	44	31	of, r, o	0.4	0.22	Bexhill-on-Sea, to 9 p.m.	42	37	r, bc	0.0	0.11
Southport, to 9 p.m. ...	42	29	o, h, r, o	0.4	0.31	Hastings ... ..	*	*	*	0.2	*
Rhyl, to 6 p.m. ... ..	45	38	*	1.0	0.07	Folkestone, to 6 p.m. ...	41	33	b, bc, of	0.9	0.07
Colwyn Bay, to 6 p.m. ...	45	41	b, bc, p	1.2	0.14	Ramsgate, to 6 p.m. ...	*	*	*	0.7	-
Llandudno, to 9 p.m. ...	46	34	o, or	1.0	0.15	Margate, to 6 p.m. ... ..	39	33	b, o	0.4	-
Bettws-y-Coed, to 6 p.m.	44	29	c, bc, c	0.4	*	Felixstowe, to 6 p.m. ...	39	35	*	1.9	0.06
Towyn, to 6 p.m. ... ..	47	41	o, bc, r, o	1.0	0.09	Lowestoft, to 6 p.m. ...	39	34	bc, o	1.8	-
Aberystwyth, to 6 p.m....	45	37	*	1.0	0.18	Skegness, to 6 p.m....	38	34	c, r	0.4	0.02
Plymouth, to 9 p.m. ...	50	38	o, bc, of, v	3.6	0.34	Scarborough, to 9 p.m. ...	37	32	cy, or, r	0.0	0.02
Torquay, to 6 p.m....	50	40	*	2.4	0.13	Harrogate, to 6 p.m. ...	35	28	os, r, o	0.0	0.16
Weymouth, to 6 p.m. ...	48	38	or, c, bc	1.8	0.06	Buxton, to 6 p.m. ... ..	34	29	c, os, or, o	0.0	0.24
Bournemouth, to 6 p.m....	47	37	o, c, bc, b, d	0.2	0.04	Darwen, to 9 p.m. ... ..	38	28	oms, r, omu	0.0	0.60
Southsea, to 6 p.m....	46	35	*	0.0	0.08	Manchester, to 9 p.m. ...	44	32	o, os, or	0.0	0.28
Worthing, to 6 p.m. ...	44	37	or	0.0	0.13	Birmingham, to 9 p.m....					

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

STATIONS. <i>9th February, 1909.</i>	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. <i>9th February, 1909.</i>	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ... ..	66	48	b, b	Ins.	St. Petersburg ... ..	? 3	- 22	b, f	Ins.
Marseilles ... ..	54	34	b, b	-	Utrecht ... ..	37	21	r, bc	-
Malta ... ..	58	50	o	-	Groningen ... ..	37	28	b, bc	-
Algiers ... ..	64	50	b, o	-	Berne ... ..	?	*	b, c	-
Tunis ... ..	64	36	bc, c	-	Zurich ... ..	?	?	b, b	-
Palermo ... ..	56	43	bc, c	-	Geneva ... ..	*	*	*	-
Naples ... ..	50	32	c, bc	0.08	Lugano ... ..	?	*	b, o	-
Brindisi ... ..	49	34	r, c	1.26	Coire ... ..	1.30 p.m. 32	*	1.30 p.m. b	Measured 7.30 a.m.
Florence ... ..	45	29	b, c	-	Castasegna ... ..	41	*	b	-
Rome ... ..	49	32	b, b	-	Davos ... ..	16	*	b	0.04
Vienna ... ..	30	25	s, c	-					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Direc.	Force.		Air.	Dry Bulb.	Wet Bulb.			Lat.	Long.		Direc.	Force.	
<i>Oceanic</i> { Feb. 7 4am	46 N.	35 W.	30.03	WNW	1-3	-	o	o	o	-	<i>Adriatic</i> { Feb. 9 3pm	49 N.	18 W.	30.18	WNW	6-7	-
<i>Kronprinzessin</i> { Feb. 7 7am	46 N.	37 W.	30.10	WNW	1-3	bc	-	-	-	-	" 6pm	49 N.	17 W.	30.15	WNW	6-7	o
<i>Getle</i> { Feb. 7 7am	42 N.	44 W.	30.20	SW	4	-	-	-	-	-							
<i>Patticia</i> { Feb. 7 7am	44 N.	39 W.	30.32	SSW	3	-	-	-	-	-							
<i>Canada</i> { Feb. 7 3pm	48 N.	26 W.	30.14	WNW	6-7	-	-	-	-	-							
" { Feb. 7 6pm	48 N.	27 W.	30.30	WSW	6-7	c	-	-	-	-							
" { Feb. 8 4am	47 N.	31 W.	30.10	SW	6-7	-	-	-	-	-							
" { Feb. 8 7am	47 N.	31 W.	30.10	WSW	6-7	c	-	-	-	-							
<i>St. Paul</i> { Feb. 8 4am	49 N.	17 W.	29.96	N	4-5	-	-	-	-	-							
" { Feb. 8 7am	49 N.	18 W.	30.19	NW	4-5	b	-	-	-	-							
" { Feb. 8 3pm	49 N.	21 W.	30.04	WSW	4-5	-	-	-	-	-							
" { Feb. 8 6pm	49 N.	22 W.	30.04	WSW	4-5	c	-	-	-	-							
<i>Pennsylvania</i> { Feb. 8 7am	48 N.	19 W.	30.20	NW	4	-	-	-	-	-							
" { Feb. 8 6pm	48 N.	16 W.	30.12	SSW	3	-	-	-	-	-							
<i>Amerika</i> { Feb. 9 7am	49 N.	12 W.	30.00	WNW	6	-	-	-	-	-							
" { Feb. 9 7am	49 N.	14 W.	30.04	WNW	7	-	-	-	-	-							
" { Feb. 9 6pm	49 N.	18 W.	30.20	WNW	7	-	-	-	-	-							

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

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

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

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,  
11th February, 1909.

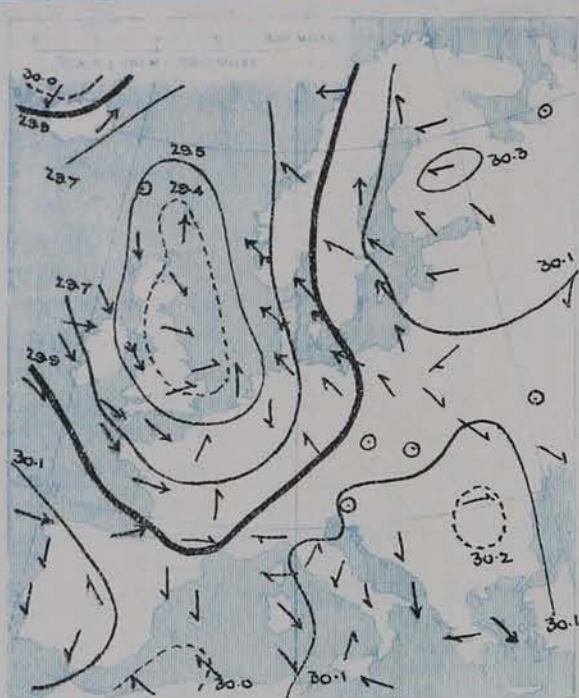
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.			Wind.						Temp.				
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	Hours.	Ins.
SCANDINAVIA.	Haparanda...	30.17	14	S	2	o	30.13	-02	19	19	+16	SW	2	o	*	19	-6	*	*	-	-
	Hernösand...	30.01	24	2	o	b	30.26	+22	23	21	-5	SSW	2	o	*	28	23	*	*	-	-
	Stockholm...	30.30	20	E	2	o	30.38	+27	19	18	-6	S	2	S	*	27	19	*	*	0.04	0.04
	Wisby...	30.26	17	SE	4	b	30.38	+31	16	14	-6	SE	2	S	*	25	14	*	*	0.04	0.04
	Karlstad...	30.23	24	NE	2	o	30.38	+34	9	8	-14	2	o	b	*	*	*	*	*	-	-
	Færder (X'ania Fjord)																				
	Bodö...	30.00	22	E	4	b	30.02	+18	27	25	+5	E	4	b	2	39	21	*	*	-	-
ICELAND & FAEROE.	Christiansund...	29.98	30	2	o	b	30.17	+45	35	33	+3	SE	1	o	3	36	28	*	*	-	-
	Skudesnaes...	29.99	32	SE	6	c	30.19	+53	30	28	-4	E	4	b	3	36	28	b.c	*	-	-
	Reykjavik...	30.00	24	SE	1	c	29.89	+06	35	*	+10	SE	8	o	*	*	*	*	*	*	*
	Blönduós...	30.11	17	NNE	1	b.c	29.89	-16	37	*	+17	S	5	o	*	*	*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	30.08	23	NE	3	c	30.11	+36	25	*	-1	2	o	c	*	*	*	*	*	*	*
	Thorshavn...	29.92	34	NNE	4	c	30.21	+72	31	*	-7	2	o	o	*	*	*	*	*	*	*
	Sumburgh Head	29.87	38	SE	4	o	30.18	+86	38	34	-2	SE	2	o	3	41	36	o	*	0.02	0.02
	Stornoway...	29.80	42	N	3	c	30.13	+67	38	36	-3	E	2	b.c	3	46	36	c.p. c.p.m. b.c	2.5	0.12	0.12
	Castlebay (Barra Id.)	29.76	44	N	4	o.q	30.09	+58	41	38	-1	NNE	2	b	2	47	40	b.c. o.q.m. c.b	5.2	-	-
	Malin Head...	29.65	45	NNW	5	c.p	30.03	+53	42	39	o	E	3	om	2	45	39	b.c.p. b.c.m	*	0.01	0.01
	Blacksod Pt. ...	29.78	45	NNW	5	b.c.p	30.05	+37	44	43	+3	NE	2	b	2	48	41	b.c.p. b.c	*	0.15	0.15
	Vaencia...	29.85	47	NNW	6	b.c.q	30.01	+23	42	39	-2	NE	2	b	4	48	40	b.c.p	2.6	0.11	0.11
	Roche's Point...	29.71	44	N	6	b.c.h.p	29.96	+28	40	38	o	N	2	b	2	47	39	b.c.h.p. b.c. c.b	*	0.14	0.14
	Birr Castle...	29.71	42	NNW	4	b	30.03	+40	32	30	-4	2	o	b	*	46	29	c.r.h. b	4.7	0.08	0.08
	Donaghadee...	29.58	42	W	6	r.q	30.01	+54	42	39	+2	N	5	c.q	4	46	39	b.c. o.r.q. b.c	*	0.06	0.06
	Liverpool Obsy...	29.48	38	NNW	4	r	29.89	+50	38	36	-1	N	3	o	3	41	37	o. r	0.0	0.08	0.08
	Holyhead...	29.50	43	NNE	8	r.q.m	29.91	+47	41	40	-1	E	6	c	4	46	40	c. r.q.m	*	0.05	0.05
	Pembroke (St. Ann's Hd.)	29.54	44	NW	6	b.c	29.80	+26	41	38	-1	NE	5	c.q	5	46	37	b.c.q	7.3	0.12	0.12
	Scilly (St. Mary's)	29.60	44	NNW	5	o.h.p	29.75	+12	43	40	-2	N	5	c	5	49	42	c.o.h.p	3.8	0.30	0.30
GERMANY, & C.	Jersey (St. Aubins)	29.53	44	WNW	4	o	29.55	-02	40	37	+1	NNE	5	o	4	48	38	c.o.g.p. b.c. o.p	6.0	0.19	0.19
	Portland Bill...	29.46	43	NW	6	b.c	29.63	+15	38	37	-2	NNE	4	c	4	45	37	b.c	0.0	0.06	0.06
	Dungeness...	29.39	37	WNW	1	o	29.53	+13	38	37	-3	E	4	r	3	41	33	c. c.s.p. r	1.5	0.07	0.07
	Dover...	*	*	*	*	*	29.60	+18	37	35	-3	NNE	5	o	4	40	32	os. b. os. o. r	1.9	0.17	0.17
	Wick...	29.80	40	SE	3	r	30.15	+75	39	35	+1	E	3	o	4	44	35	-	*	0.08	0.08
	Nairn...	29.74	39	E	1	o	30.11	+74	35	34	-4	E	1	o	1	40	35	d. o. c	0.0	0.07	0.07
	Aberdeen...	29.71	41	E	4	o	30.14	+78	36	33	o	E	4	o	4	41	35	o.p	0.0	0.02	0.02
	Leith...	29.61	40	N	3	r	30.05	+71	39	35	o	ENE	4	o	*	42	38	o.r. o.g	*	0.14	0.14
	North Shields	29.54	41	ENE	3	o	29.94	+62	37	37	+1	NE	3	o.p	3	42	33	r.s. r. o	*	0.26	0.26
	Spurn Head...	29.44	40	NNE	3	c	29.76	+42	37	36	o	ENE	5	r	5	41	36	c.m. b. p. o.r	*	0.09	0.09
	Yarmouth...	29.39	35	ENE	2	om	29.71	+34	37	36	+2	NE	6	c	5	39	33	o. om	0.0	0.20	0.20
	Clacton-on-Sea...	29.40	35	WNW	1	c	29.60	+22	38	36	+5	ENE	4	b.c	3	38	31	os. c.p. r.s	0.0	1.06	1.06
	Nottingham...	29.43	35	NE	2	r	29.78	+40	36	35	+2	NE	4	r.s	*	39	34	o.r. b.m. r.g. o	0.0	0.33	0.33
	Bath...	29.44	42	W	1	o	29.73	+26	38	36	+3	NE	1	o.e	*	42	33	-	0.0	0.48	0.48
	Oxford...	29.46	34	NNE	2	S	29.75	+32	35	34	+2	NNE	3	b.c	*	39	32	o.s.h.p. o.d. r.s. b.c	*	0.20	0.20
	London (St. James' Park)	29.40	38	WNW	2	o	29.64	+23	37	36	+2	NNE	5	o.g.p	*	41	34	r.s.p. o. c. o.p	0.2	0.04	0.04
FRANCE.	The Scaw (Skagen)	30.08	28	SE	6	o	30.27	+39	24	22	-4	SE	3	o	1	34	23	*	*	-	-
	Fanö...	29.83	28	SE	8	b.c	30.04	+39	24	23	-2	ESE	6	b.c	*	28	24	*	*	-	-
	Cuxhaven†...	29.63	29	E	5	o	29.89	+27	25	20	o	E	6	o	*	30	23	*	*	-	-
	The Helder...	29.50	36	SSE	1	r	29.77	+34	32	32	-3	E	3	m	2	36	30	*	*	0.08	0.08
	Brussels...	*	*	*	*	*	29.63	+16	33	32	-3	ESE	2	o	*	40	30	*	*	0.04	0.04
	Berlin†...	29.84	27	ENE	4	o	29.97	+16	17	70	-5	E	4	o	*	30	16	*	*	-	-
	Frankfurt†...	29.60	36	S	3	f	29.66	-04	34	76	+3	NE	3	o	*	37	31	*	*	0.16	0.16
	Munich†...	29.67	26	E	2	c	29.66	-23	21	95	-2	NE	4	c	*	36	21	*	*	-	-
	C. Gris Nez...	29.39	39	WNW	3	o	29.54	+12	34	34	-4	ENE	2	o	2	41	34	*	*	0.20	0.20
	La Hève...	29.46	39	NW	4	o	29.49	-03	34	34	-3	NE	3	o	3	43	32	*	*	0.67	0.67
	Brest...	29.63	46	NNW	7	c	29.66	-05	42	39	-2	NNE	4	o	5	46	37	*	*	0.08	0.08
	Lorient...	29.62	41	NW	5	r	29.53	-18	41	39	-1	N	5	b	5	48	39	*	*	0.20	0.20
	Rochefort...	29.65	46	WNW	4	o	29.51	-23	41	40	-5	2	o	o	*	46	39	b.c. o	*	0.08	0.08
	Biarriz...	29.77	44	NW	5	S	29.58	-33	40	39	-8	2	o	r	5	50	39	*	*	1.46	1.46
	Paris...	29.50	37	SW	2	o	29.51	-06	34	33	-4	S	2	o	*	47	33	*	*	0.08	0.08
	Belfort...																	*	*		
	Lyons...	29.65	39	NNW	5	o	29.61	-22	27	?	-14	N	1	b.c	*	42	27	*	*	0.08	0.08
	Nice...																	*	*		
	Perpignan...	29.66	45	SW	1	o	29.56	-33	38	36	-1	NW	2	c	*	48	37	*	*	0.04	0.04
	Sanguinaire...																	*	*		
SPANISH PENIN.	Corunna...																	*	*		
	Lisbon...																	*	*		
	Azores (P. Delgada)...																	*	*		
,, Horta...		30.41	57	SW	3	o	30.26	-26	59	57	+7	SW	4	o	2	63	52	*	*	-	-



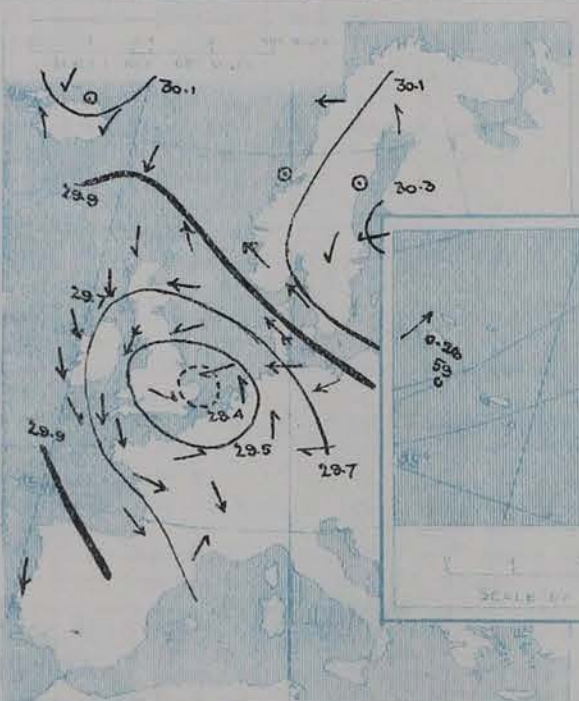
# SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

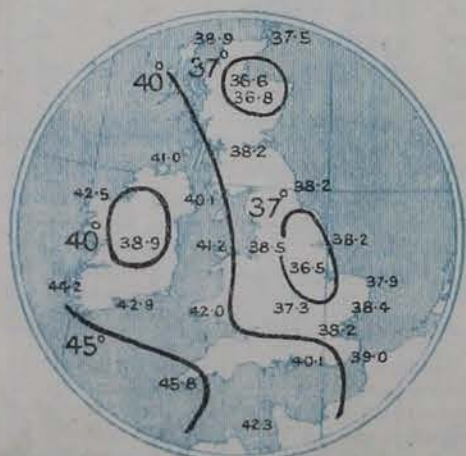
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

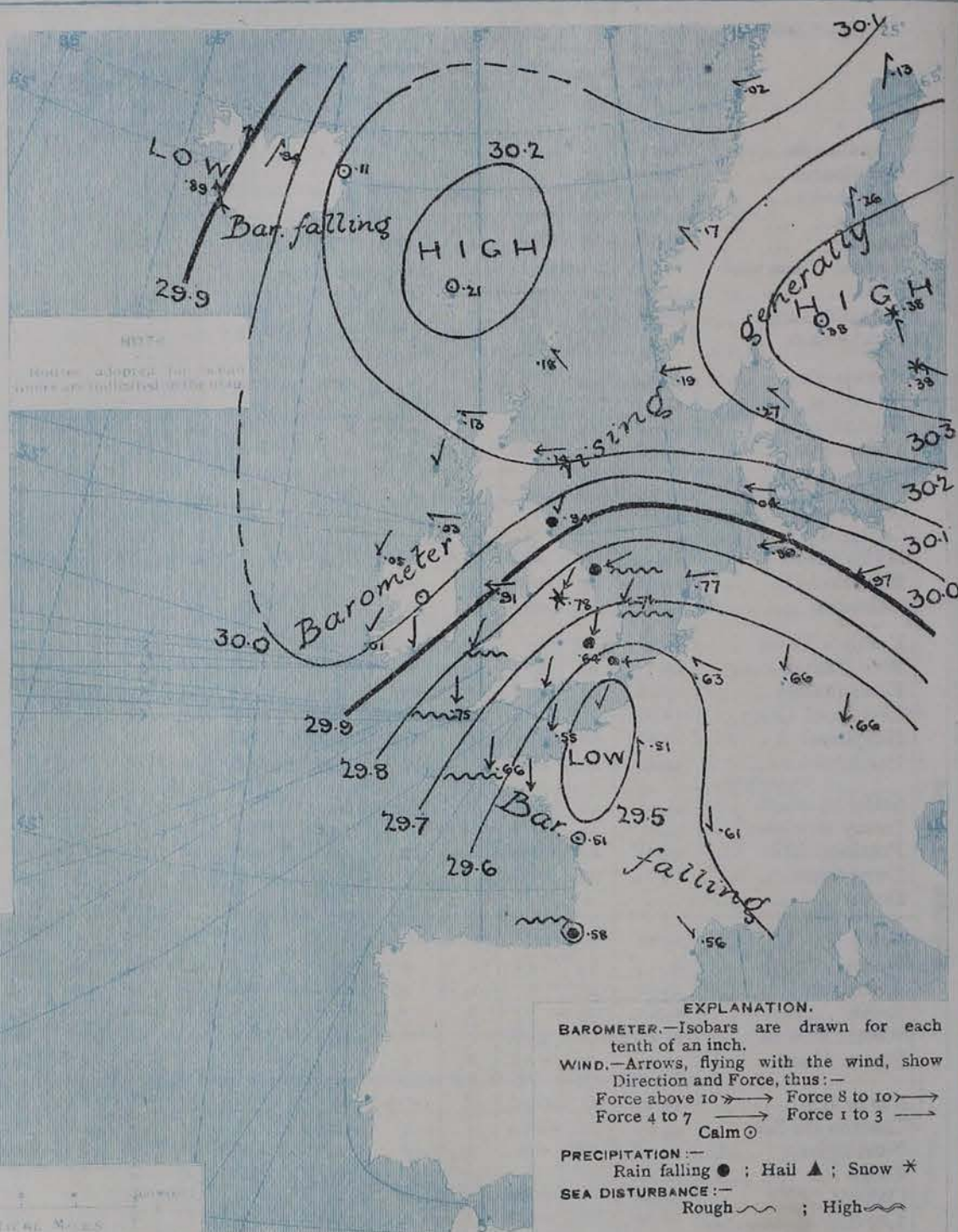


Thursday,

WEATHER

11<sup>th</sup> Feb.

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



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

A brisk to rapid rise of the barometer has taken place over Scandinavia, the northern half of these Islands, and throughout the Icelandic region, and the depression of yesterday has moved southwards to France. The readings now range from above 30.3 ins. over the south of Sweden, and above 30.2 ins. off the north of Scotland to below 29.5 ins. over Normandy and its vicinity. A fresh fall of the mercury has commenced in Iceland.

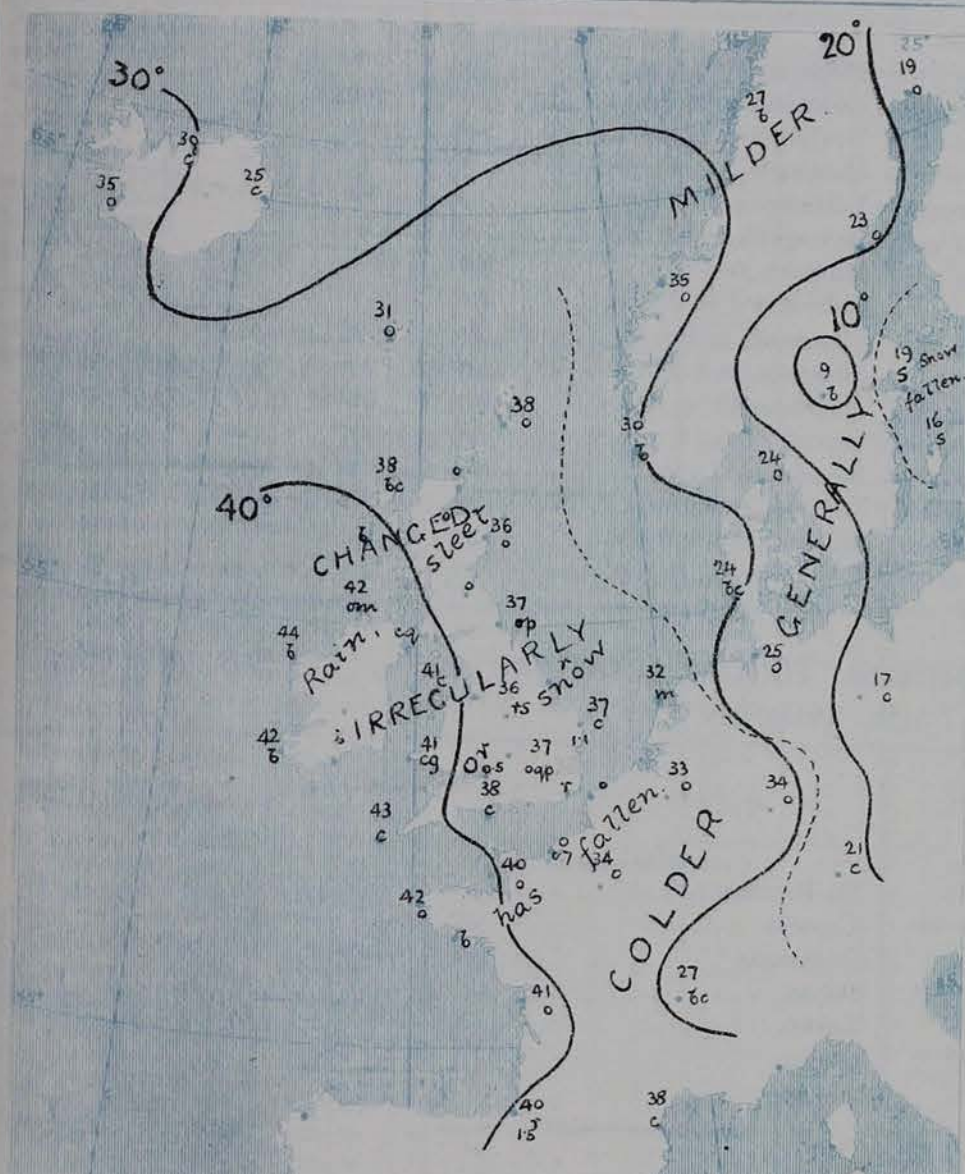
The wind has shifted to E. or N.E. over the United Kingdom, the North Sea, and the north of France, and blows freshly or strongly over the North Sea and on several parts of the English and Welsh coasts. Over the greater part of our area the wind is light or moderate, while at Rochefort and Biarritz calms are reported. Temperature has changed rather irregularly, but fallen in most localities. Over these Islands it ranges from 44° at Blacksod Point, and 43° at Scilly to about 35° in several parts of Great Britain. The sky is clear in some parts of Ireland and Norway, but generally it is very cloudy or quite overcast. Showers of rain or sleet are falling in some parts of England, steady rain is reported at Biarritz, and snow in the south of Sweden.



# CHARTS

11th February, 1909.

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



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

## NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer remained below 40° in several parts of England, but rose to 49° at Scilly, showers of rain, sleet or snow were experienced at most places during the day or night, the amounts measured being large in some English localities; 0.5 in. at Bath, and 1.1 in. at Clacton-on-Sea. At Biarritz heavy rain, 1.5 in., has fallen. Very little bright sunshine was recorded except at a few places in the west and south-west, and on the coast of Sussex.

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

The depression over France seems likely to continue to move southwards, and the rise of the barometer now in progress over these Islands will be maintained for the present. The strength of the North Easterly winds over England will probably decrease gradually.

## 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

E. to S.E. winds, light or moderate; cloudy to fair or fine; temperature rather low.

Wind between N. and N.E., strong or fresh to moderate; generally cloudy or overcast, some showers of rain, sleet or snow; temperature continuing rather low.

Same as Nos. 0 & 1.

Same as Nos. 2 to 5.

Wind mainly between E. and N., light or moderate; changeable, mostly fair or fine; rather cold.

## II WESTERN CHANNEL AND BAY

N. and N.E. winds, fresh or strong to moderate; sea rather rough, then decreasing; dull, some rain or sleet.

## FORECAST DISTRICTS.

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

Signals hoisted yesterday.

Signals hoisted this morning.

South 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....	46	34	cr, b, bc	*	0.02	Brighton, to 6 p.m. ...	41	32	*	1.8	0.02
Rossall Beach, to 6 p.m....	41	25	c, cr, cp, c	*	0.22	Eastbourne, to 6 p.m. ...	45	34	*	3.8	0.10
Blackpool, to 9 p.m. ...	41	34	cr, o	0.0	0.15	Bexhill-on-Sea, to 9 p.m.	43	32	c, bc	3.5	*
Southport, to 9 p.m. ...	40	35	cr, c, o	0.0	0.17	Hastings ... ..	*	*	*	1.7	*
Rhyl, to 6 p.m. ... ..	44	39	*	0.0	0.48	Folkestone, to 6 p.m. ...	43	32	bc, o, r, s, o	0.7	0.10
Colwyn Bay, to 6 p.m. ...	44	36	r, cr	0.0	0.80	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.46
Llandudno, to 9 p.m. ...	43	37	crs, cr, o	0.0	0.13	Margate, to 6 p.m. ...	37	33	s, r, o	0.0	0.58
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...	35	32		0.0	0.46
Towyn, to 6 p.m. ... ..	45	35	r, o, bc, o	1.9	0.21	Lowestoft, to 6 p.m. ...	39	35	cp, c, cp, s	0.0	0.24
Aberystwyth, to 6 p.m. ...	45	40	*	0.5	-	Skegness, to 6 p.m. ...	40	32	r, c	0.0	0.03
Plymouth, to 9 p.m. ...	45	37	bc, bv	8.1	0.03	Scarborough, to 9 p.m. ...	40	35	cr, o, c	0.0	*
Torquay, to 6 p.m. ...	47	36	*	0.0	0.24	Harrogate, to 6 p.m. ...	37	31	o, cm, s, o	0.0	0.22
Weymouth, to 6 p.m. ...	43	35	cp, bc	0.0	0.20	Buxton, to 6 p.m. ...	34	22	o, sp, ost, o	0.0	0.31
Bournemouth, to 6 p.m. ...	42	34	s, r, o, c, bc, b	1.1	0.30	Darwen, to 9 p.m. ...	36	31	cm, r, s, ou	0.0	0.26
Southsea, to 6 p.m. ...	41	25	*	0.6	0.01	Manchester, to 9 p.m. ...	39	34	cr, o	0.0	0.18
Worthing, to 6 p.m. ...	42	33	c, r, cr	3.1	0.02	Birmingham, to 9 p.m. ...	39	32	cr, r, s, o	0.0	0.29

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

STATIONS. 10th February 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 10th February 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ... ..	0	0		Ins.	St. Petersburg ... ..	3	-9	o, o	-
Marseilles ... ..	55	39	b, r	0.35	Utrecht ... ..	36	25	b, m	-
Malta ... ..	53	45	b	-	Groningen ... ..	36	25	c, m	-
Algiers ... ..	57	52	r, o	0.04	Berne ... ..	?	*	b, o	-
Tunis ... ..	66	41	b, c	-	Zurich ... ..	?	?	bc, c	-
Palermo ... ..	49	31	b, o	0.04	Geneva ... ..	*	*		-
Naples ... ..	41	32	b, b	-	Lugano ... ..	?	*	b, o	-
Brindisi ... ..	48	34	bc, b	-	Coire ... ..	30	*	b	-
Florence ... ..	42	28	b, o	-	Castasegna ... ..	36	*	b	-
Rome ... ..	42	25	b, b	-	Davos ... ..	19	*	b	-
Vienna ... ..	30	12	b, c	-					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Direc.	Force.	
	°	°	Ins.				°	°	°			°	°	Ins.			
Adriatic	Feb. 10. 4 a.m.	49N.	13.W.	29.89	NW	6-7	-	-	-	-							
	" 7 a.m.	49N.	11.W.	29.91	WNW	6-7	bc	-	-	-							
	" 3 p.m.	49N.	8.W.	29.61	NW	6-7	-	-	-	-							
	" 6 p.m.	49N.	7.W.	29.57	NW	6-7	bc	-	-	-							

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

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

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

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

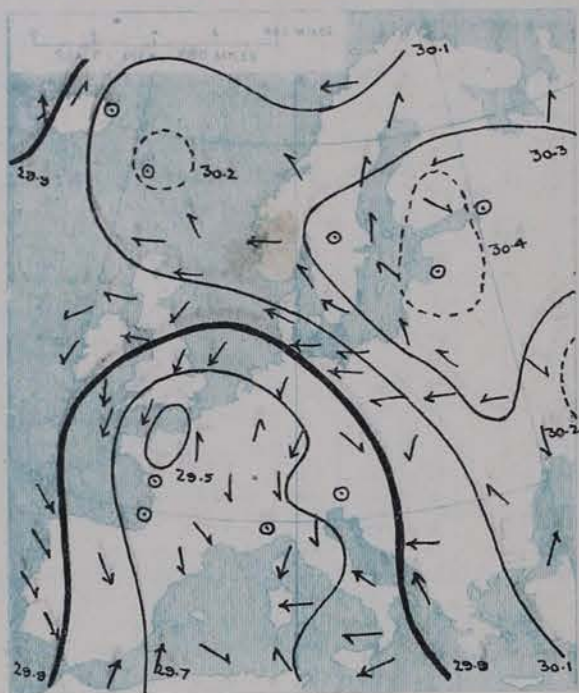
Friday,  
12th February, 1909.

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.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	30.08	10	SW	2	30.08	-18	6	6	-13	E	2	bc	*	21	26	*	*	-		
	Hernösand...	30.25	9	NNW	2	30.13	-13	14	13	-9	N	2	bc	*	25	9	*	*	-		
	Stockholm...	30.38	16	W	2	30.25	-13	12	11	-7	SW	2	bc	*	21	212	*	*	-		
	Wisby...	30.39	17	SE	2	30.32	-06	19	18	+3	W	6	o	*	19	12	*	*	-		
	Karlstad...	30.42	18	SW	2	30.37	-01	12	12	+3	2	0	c	*	*	*	*	-			
	Færder (X'ania Fjord)	30.40	22	S	1	30.40		21	21		NNW	2	m	1	23	19	*	*	-		
	Bodö...	30.01	36	SW	4	30.14	+12	33	31	+6	NW	4	bc	2	36	27	*	*	-		
	Christiansund...	30.31	36	SW	2	30.36	+19	37	35	+2	W	1	o	3	39	34	*	*	0.32		
Skudesnaes...	30.38	32	2	0	30.41	+22	28	27	-2	E	2	bc	1	32	28	o. b	*	-			
ICELAND & FAEROE.	Reykjavik...	29.82	41	SE	5	29.77	-12	39	*	+44	SSE	1	r	*	*	*	*	*	*		
	Blönduós...	29.84	41	S	6	29.77	-12	43	*	+6	S	3	o	*	*	*	*	*	*		
	Seydisfjord...	29.96	37	SW	2	29.96	-15	44	*	+19	SSW	3	o	*	*	*	*	*	*		
	Thorshavn...	30.28	32	2	0	30.32	+11	41	*	+10	SW	3	o	*	*	*	*	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.35	35	S	1	30.44	+26	37	33	-1	S	1	o	2	39	33	o. c	*	-		
	Stornoway...	30.29	39	SE	4	30.39	+26	37	33	-1	S	3	o	3	42	36	bc. b. bc. com	6.1	-		
	Castlebay (Barra Id.)	30.25	40	ENE	2	30.38	+29	37	33	-4	ESE	2	o	3	43	36	b. bc. o	4.8	-		
	Malin Head...	30.18	39	SE	3	30.32	+29	37	35	-5	SE	3	om	2	42	34	bc. om	*	-		
	Blacksod Pt. ...	30.18	48	ENE	2	30.27	+22	38	35	-6	SE	2	o	1	48	37	bc. c. om	*	-		
	Valencia ...	30.14	41	ENE	1	30.26	+25	39	36	-3	ENE	2	o	4	47	35	b. bc. bc. o	7.9	-		
	Roche's Point	30.11	41	NE	3	30.25	+29	38	37	-2	NE	2	o	2	45	38	bc. c. o	*	-		
	Birr Castle...	30.15	39	NE	2	30.30	+27	36	35	-4	NE	2	o	4	43	29	bc. o	4.2	-		
	Donaghadee...	30.20	40	NE	4	30.35	+34	37	34	-5	NE	6	c	5	42	36	bc	*	-		
	Liverpool Obsy...	30.11	37	NNE	4	30.29	+40	33	30	-5	NE	4	o	2	39	32	om. bc. o	0.5	-		
	Holyhead ...	30.10	40	NE	5	30.27	+36	36	34	-5	NE	4	c	3	42	33	exp. om	*	-		
	Pembroke (St. Ann's Hd.)	30.01	39	NE	4	30.18	+38	36	33	-5	NE	5	cg	4	44	35	cg. cg. bc. m	1.4	-		
	Scilly (St. Mary's)	29.95	43	N	5	30.11	+36	42	40	-1	NE	5	c	4	47	40	c. op	1.4	-		
	Jersey (St. Aubins)	29.80	39	NE	5	29.97	+42	38	36	-2	NNE	6	o	5	43	36	shap. c. exp	1.3	0.06		
	Portland Bill...	29.90	39	NE	5	30.06	+43	34	32	-4	NNE	6	bc	5	43	30	bc. b	5.9	-		
	Dungeness ...	29.80	40	NE	6	29.94	+41	34	33	-4	NE	7	oq	6	42	32	exp. bc. r. sq	2.5	0.05		
	Dover ...	*	*	*	*	30.00	+40	31	30	-6	NE	7	c	6	41	31	o. bc. c. o. vq	2.5	0.05		
	Wick ...	30.29	39	E	2	30.41	+26	37	35	-2	SE	2	o	4	40	34	sp. o	*	0.01		
	Nairn ...	30.29	35	E	1	30.42	+31	34	31	-1	E	1	o	1	38	33	c. o	0.0	0.01		
	Aberdeen ...	30.31	36	E	3	30.45	+31	36	33	0	ESE	2	o	3	37	35	o. exp. o	0.0	-		
	Leith ...	30.23	36	ENE	3	30.38	+33	36	33	-3	E	3	o	*	39	35	exp. sp. o	*	0.02		
	North Shields	30.17	36	NE	4	30.35	+41	35	35	-2	ENE	4	c	4	42	32	op. exp. sp	*	0.01		
	Spurn Head...	30.03	37	ENE	5	30.23	+47	34	31	-3	ENE	5	c	5	38	31	op. o. bc. c. x	*	0.02		
	Yarmouth ...	29.94	36	ENE	6	30.17	+46	32	32	-5	ENE	7	c	6	38	32	o. exp. sp	0.0	0.02		
	Clacton-on-Sea	29.89	34	NNE	4	30.09	+49	32	31	-6	NNE	5	bc	4	39	32	bc. c. exp	0.8	0.06		
	Nottingham...	30.03	37	NE	4	30.24	+46	33	30	-3	ENE	4	o	*	37	33	ots. od. r. o	0.0	0.11		
	Bath ...	29.97	40	NE	1	30.16	+43	33	31	-5	NE	3	o	*	42	33	-	3.4	-		
	Oxford ...	30.01	35	NE	5	30.21	+46	31	28	-4	NE	5	c	*	42	31	c. bc. vq. c	*	0.01		
	London (St. James's Pk)	29.91	38	NE	4	30.10	+46	33	30	-4	NNE	5	bcq	*	42	33	exp. exp. o. v. o. bc	0.6	0.04		
GERMANY, & C.	The Scaw (Skagen)	30.40	23	2	0	30.41	+14	24	23	0	ESE	1	o	0	27	21	*	*	-		
	Fanö ...	30.27	20	ESE	4	30.36	+32	18	17	-6	NE	2	bc	*	28	18	*	*	-		
	Cuxhaven†...	30.08	23	E	6	30.24	+35	19	19	-6	E	6	bc	*	27	18	*	*	-		
	The Helder...	30.00	26	E	7	30.18	+41	24	23	-8	E	7	bc	3	32	21	*	*	-		
	Brussels ...	*	*	*	*	29.95	+32	18	17	-15	NE	5	o	*	41	17	*	*	0.04		
	Berlin†...	30.11	14	E	5	30.17	+20	8	64	-9	E	5	bc	*	27	7	*	*	-		
Frankfurt†...	29.81	29	NE	4	29.84	+18	21	19	-13	NNE	6	o	*	37	19	*	*	-			
Munich†...	29.70	26	NE	5	29.66	00	25	100	+4	NE	2	o	*	30	21	*	*	-			
FRANCE.	C. Gris Nez...	29.78	37	NE	4	29.95	+41	30	28	-4	NE	6	o	7	41	30	*	*	-		
	La Hève ...	29.76	37	NE	5	29.90	+41	34	34	0	NNE	5	o	6	41	32	*	*	0.04		
	Brest ...	29.84	41	NNE	6	30.05	+39	40	40	-2	NNE	3	o	2	45	37	*	*	0.20		
	Lorient ...	29.65	40	N	5	29.92	+39	41	39	0	N	5	r	4	45	37	*	*	0.04		
	Rochefort ...	29.58	40	NE	3	29.82	+31	37	36	-4	NNE	5	bc	2	41	36	o	*	0.16		
	Biarritz ...	29.61	46	NNW	6	29.82	+24	37	36	-3	ENE	2	o	5	48	36	*	*	0.63		
	Paris ...	29.72	35	NNE	3	29.77	+26	30	28	-4	N	5	o	*	39	28	*	*	-		
	Nancy ...	29.66	36	NNW	4	29.66	+03	30	29	-5	NNW	4	o	*	39	28	*	*	-		
Lyons ...	29.62	32	NNW	2	29.53	-08	31	29	+4	N	3	S	*	43	27	*	*	0.04			
Nice ...	29.40	38	E	5	29.44	-11	35	35	+1	E	1	bc	2	41	32	*	*	0.20			
Perpignan ...	29.52	42	N	2	29.53	-03	39	34	+1	NW	5	bc	*	50	36	*	*	-			
Sanguinaire...	29.48	48	S	5	29.48	-07	43	39	-2	E	3	o	4	54	28	*	*	3.15			
SPANISH PENIN.	Corunna ...																*	*	-		
	Lisbon ...																*	*	-		
	Azores (P. Delgada)																*	*	-		
„ Horta ...	30.13	55	N	4	30.11	-15	53	50	-6	N	4	r	3	63	52	*	*	0.47			

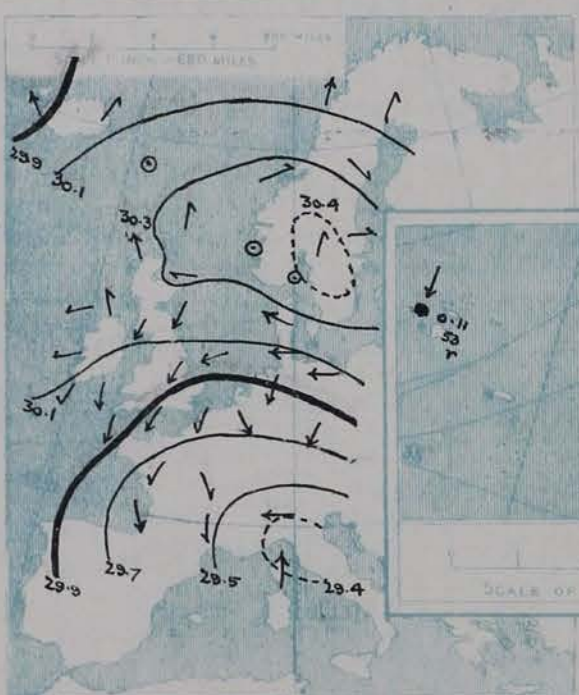


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

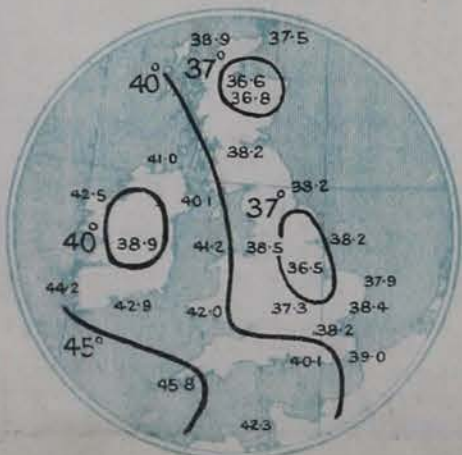
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

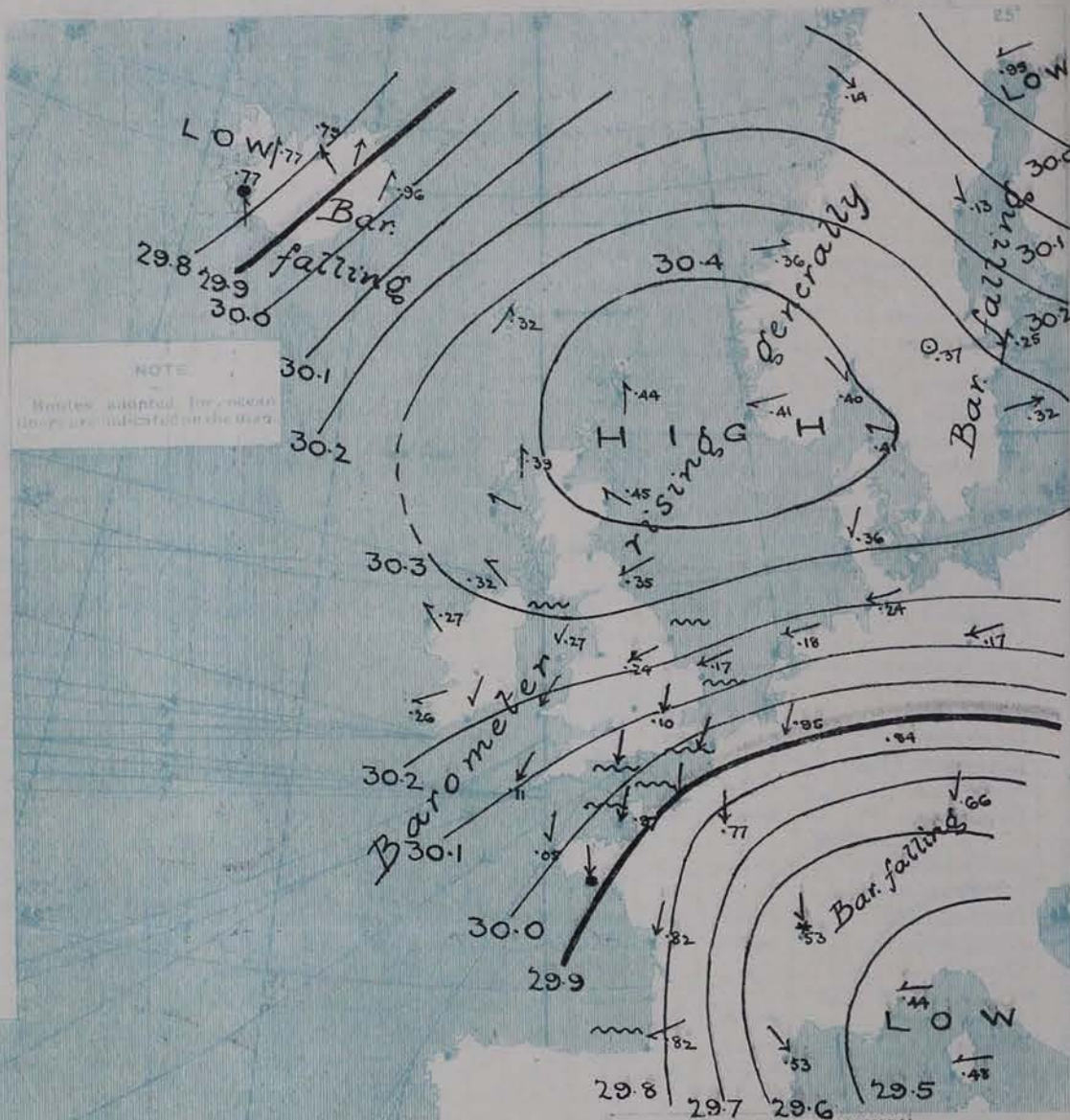


Friday,

WEATHER

12<sup>th</sup> Feby.

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 barometer has continued to rise very generally, and is now above 30.4 in. in the central portion of an anticyclone covering the upper part of the North Sea and the adjacent regions. The lowest pressure, 29.5 in. and less, is found over the Gulf of Genoa and the south-east of France, but pressure is relatively low both in Finland and Iceland.

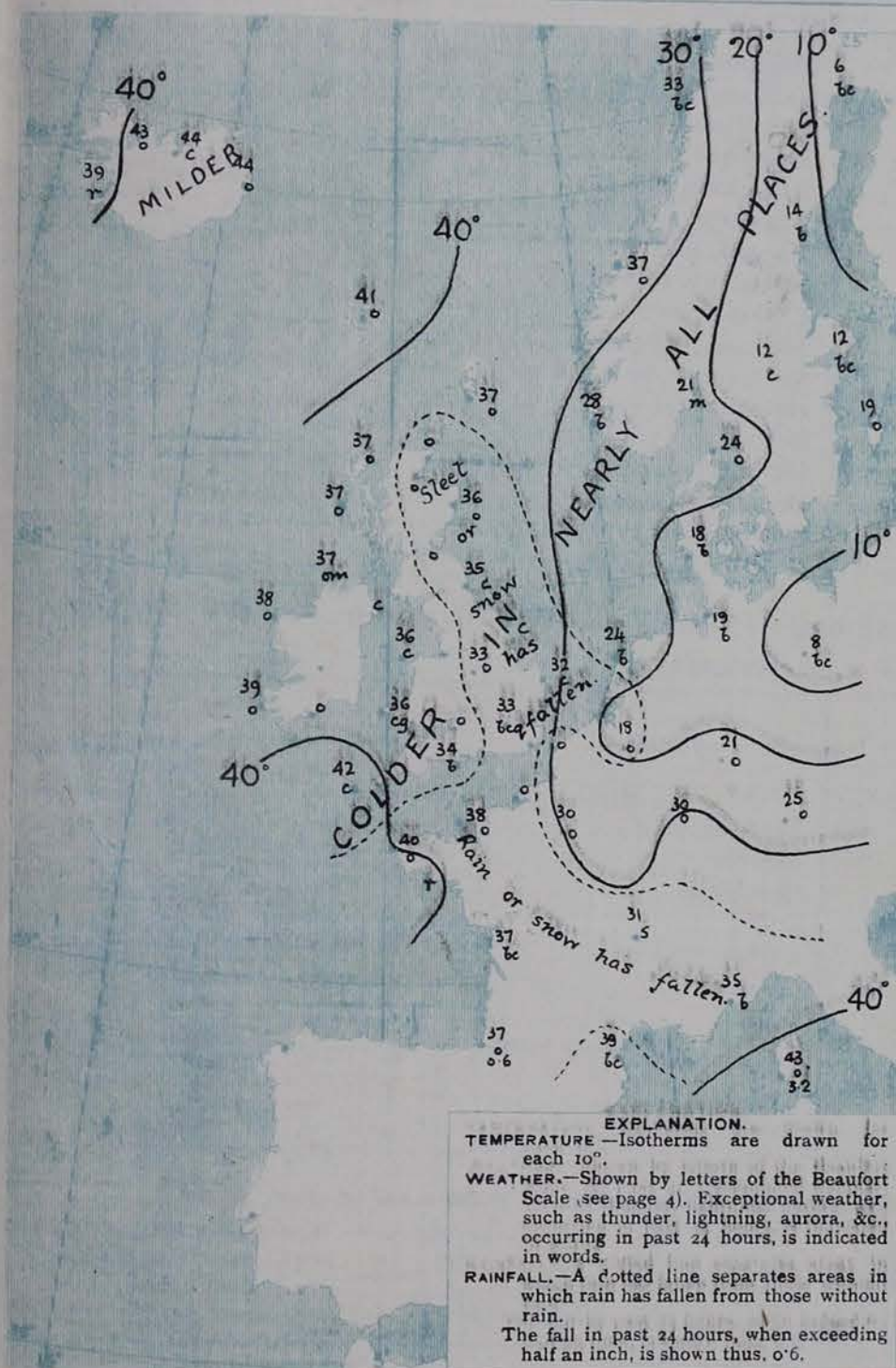
The anticyclonic circulation of the wind is very well defined. It has little force generally, but the E. and N.E. current that prevails between the North Sea and the low pressure in southern France is strong or high in many places in the south-east of England and the nearer portion of the Continent. Temperature has fallen a little generally. Over these Islands it ranges from 42° at Scilly to about 32° over a large part of England. The sky is still cloudy or overcast in most regions except in Scandinavia, but the air has become drier, and the only precipitation reported is rain at Lorient and snow at Lyons.



# CHARTS

12th February, 1909.

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



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer remained below 40° in many parts of England, and fell to 32° or slightly below it at night. Showers of rain, sleet, or snow have fallen in various parts of England and France, and as much as 3.15 ins. of rain at Sanguinaire. The duration of bright sunshine was slight except at some places in the south-west, west, and north-west.

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

The whole of the United Kingdom is likely to continue under the direct influence of the high pressure system now having its maximum over the upper part of the North Sea. Generally fair weather, with keen winds and a low temperature, is consequently to be expected.

## FORECASTS

For the 24 hours commencing at NOON TO-DAY.

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

- 0 } Light to moderate winds between E. and S.E.; fair generally, dull at times; cold, sharp frost at night.
- 1 }
- 2 } E. and N.E. winds, strong to fresh or moderate; fair generally, overcast at times. Air dry, and temperature low, with a falling tendency.
- 3 }
- 4 }
- 5 }
- 6 } Same as Nos 0 & 1.
- 7 } Fresh to moderate N.E. winds; mostly fair, dry. Colder.
- 8 }
- 9 } Same as Nos. 2 to 5.
- 10 } Light or moderate winds between S.E. and N.E.; mostly fair and dry. Temperature low, frost at night.

### 11 WESTERN CHANNEL AND BAY

Strong to moderating N.E. winds; rough to moderate sea; fair generally. 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.

South Cone.

North Cone.

North Cone.



None

Issued



## DAILY WEATHER REPORT.

Friday 12th February 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	40	o.rh.c.a.c	*	0.11	Brighton, to 6 p.m. ...	42	35	*	2.1	0.06
Rossall Beach, to 6 p.m....	39	36	c	*	-	Eastbourne, to 6 p.m. ...	42	34	*	2.0	0.04
Blackpool, to 9 p.m. ...	40	35	o.c.o	1.3	-	Bexhill-on-Sea, to 9 p.m.	42	34	bc, r	2.8	0.01
Southport, to 9 p.m. ...	40	36	o.r.c.o	0.3	0.01	Hastings ... ..	*	*	*	2.0	*
Rhyl, to 6 p.m. ... ..	?	37	*	1.4	-	Folkestone, to 6 p.m. ...	41	33	bc, r, o	3.2	0.05
Colwyn Bay, to 6 p.m. ...	42	39	o. bc	0.0	-	Ramsgate, to 6 p.m. ...	*	*	*	2.3	0.34
Llandudno, to 9 p.m. ...	38	36	o	0.0	-	Margate, to 6 p.m. ...	40	33	r, b, r, o	1.5	0.17
Bettws-y-Coed, to 6 p.m.	40	37	c	0.0	*	Felixstowe, to 6 p.m. ...	39	33	*	0.3	0.34
Towyn, to 6 p.m. ... ..	42	38	r, bc, o	0.7	0.09	Lowestoft, to 6 p.m. ...	38	33	o.s, c, o, p, r, o	0.1	0.17
Aberystwyth, to 6 p.m. ...	44	37	*	0.2	-	Skegness, to 6 p.m. ....	39	36	ry, o	0.0	0.07
Plymouth, to 9 p.m. ...	43	37	b, bc, bv	6.7	0.03	Scarborough, to 9 p.m. ...	41	36	o	0.0	-
Torquay, to 6 p.m. ....	46	38	*	6.0	0.04	Harrogate, to 6 p.m. ...	37	33	od, o	0.0	0.04
Weymouth, to 6 p.m. ...	43	36	b, bc, c, b	5.9	-	Buxton, to 6 p.m. ... ..	34	31	osp, o	0.0	0.14
Bournemouth, to 6 p.m. ....	42	32	c, b, bc	1.5	-	Darwen, to 9 p.m. ... ..	37	32	o.r.m.s, o.m.s	0.0	0.04
Southsea, to 6 p.m. ....	42	35	*	1.6	0.14	Manchester, to 9 p.m. ...	40	36	o, o.r, od, o	0.0	0.01
Worthing, to 6 p.m. ...	?	34	r, c, o	3.9	0.07	Birmingham, to 9 p.m. ....	37	33	r.s, o	0.0	0.14

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

STATIONS. 11th February 1909.	TEMPERATURE F.		WEATHER	RAIN.	STATIONS. 11th February 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ... ..	o	o		Ins.	St. Petersburg ... ..	5	-22	f, b	-
Marseilles ... ..	48	37	o, o	1.58	Utrecht ... ..	39	28	b, f	-
Malta ... ..	56	47	o	-	Groningen ... ..	37	27	s, s	0.20
Algiers ... ..	66	50	b, o	0.04	Berne ... ..	?	*	s, o	0.35
Tunis ... ..	64	41	b, c	-	Zurich ... ..	?	?	o, o	-
Palermo ... ..	54	39	b, o	-	Geneva ... ..	*	*	*	-
Naples ... ..	54	40	bc, o	-	Lugano ... ..	?	*	s, s	1.38
Brindisi ... ..	49	34	bc, o	-	Coire ... ..	41	*	o	Measured 7.90 a.m.
Florence ... ..	46	41	o, o	-	Castasegna ... ..	32	*	s	-
Rome ... ..	47	43	o, r	-	Davos ... ..	28	*	o	-
Vienna ... ..	27	21	b, o	-					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	
	Lat.	Long.		Direc.	Force.		Air.	Dry Bulb.	Wet Bulb.			Sea.	Lat.		Long.	Direc.		Force.
	°	°	Ins.				°	°	°			°	°	Ins.				
<u>Kronland</u>	Feb. 5. 10 a.m.	45 N.	60 W.	29.95	WSW	4-5	-	-	-	-	<u>Tunisiana</u>	Feb. 9. 4 a.m.	48 N.	33 W.	30.40	W	4-5	-
	" 1 p.m.	45 N.	59 W.	30.02	WSW	10-11	bc	-	-	-	" 7 a.m.	48 N.	31 W.	30.34	WSW	4-5	o	
	Feb. 6. 10 a.m.	41 N.	53 W.	30.15	SSW	4-5	-	-	-	-	<u>St. Paul.</u>	Feb. 9. 4 a.m.	48 N.	26 W.	30.40	NW	4-5	-
	" 1 p.m.	41 N.	52 W.	30.27	SSW	4-5	bc	-	-	-	" 7 a.m.	48 N.	27 W.	30.45	W	4-5	bc	
	Feb. 9. 10 a.m.	49 N.	20 W.	30.35	NW	4-5	-	-	-	-	" 3 p.m.	47 N.	30 W.	30.41	WSW	1-3	-	
<u>Cymric</u>	" 1 p.m.	49 N.	19 W.	30.34	WNW	4-5	c	-	-	-	" 6 p.m.	47 N.	32 W.	30.39	WSW	1-3	b	
	Feb. 6. 4 a.m.	42 N.	49 W.	30.04	WSW	4-5	-	-	-	-	<u>Amerika</u>	Feb. 10. 7 a.m.	48 N.	23 W.	30.36	W	4	-
	" 7 a.m.	42 N.	50 W.	30.06	W	1-3	o	-	-	-	<u>Prinz-Friedrich- Wilhelm.</u>	Feb. 11. 6 p.m.	49 N.	10 W.	30.08	NE	4	-
	" 3 p.m.	42 N.	52 W.	30.14	SW	1-3	-	-	-	-								
" 6 p.m.	42 N.	53 W.	30.10	WSW	4-5	bc	-	-	-	-								
<u>Oceanic</u>	Feb. 6. 3 p.m.	45 N.	40 W.	30.02	WSW	4-5	-	-	-	-								
<u>Patricia</u>	" 6 p.m.	44 N.	41 W.	30.01	WSW	4-5	c	-	-	-								
	Feb. 7. 6 p.m.	43 N.	43 W.	30.19	SW	5	-	-	-	-								
<u>Tunisiana</u>	Feb. 8. 4 a.m.	50 N.	23 W.	30.09	W	4-5	-	-	-	-								
	" 7 a.m.	50 N.	24 W.	30.08	WSW	4-5	o	-	-	-								
	" 3 p.m.	49 N.	27 W.	29.98	WSW	6-7	-	-	-	-								
	" 6 p.m.	49 N.	28 W.	30.09	WNW	6-7	bc	-	-	-								

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

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

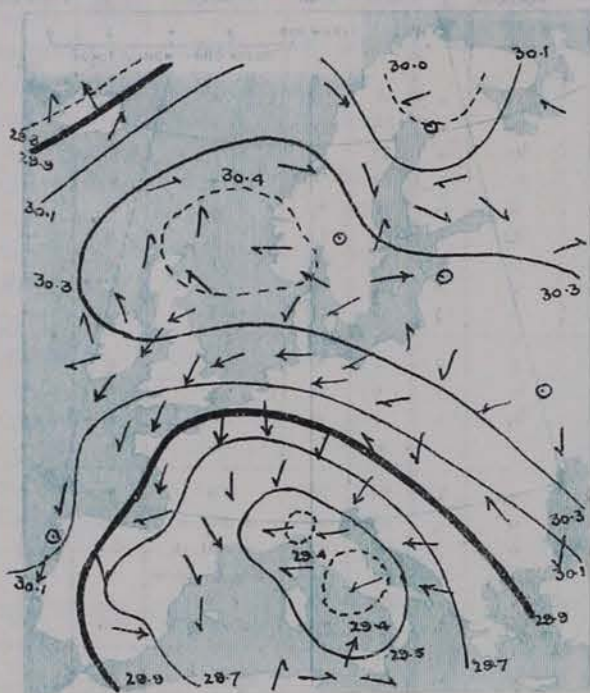
Saturday  
13th February, 1909.

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.	Dir.	Force (0 to 12).	At 82° 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...	30.10	15	N	2	o	30.10	+15	8	8	+2	2	0	o	*	15	-2	*	*	-	
	Hernösand...	30.26	29	N	4	b	30.27	+14	19	18	+5	2	0	o	*	36	14	*	*	-	
	Stockholm...	30.17	27	W	2	b	30.25	00	23	22	+11	NNW	4	bc	*	27	10	*	*	-	
	Wisby...	30.16	30	NW	6	b	30.17	-08	31	29	+12	NNE	6	o	*	31	14	*	*	-	
	Karlstad...	30.34	22	NW	2	bc	30.37	00	25	24	+13	2	0	b	*	*	*	*	-		
	Færder (X'ania Fjord)	30.37	27	N	2	b	30.37	-03	29	28	+8	N	2	bc	1	29	21	*	*	-	
	Bodö...	30.26	32	NW	4	o	30.01	-13	36	34	+3	SW	4	o	3	36	28	*	*	-	
	Christiansund...	30.43	37	W	1	bc	30.33	-03	39	36	+2	SW	4	o	3	39	36	*	*	0.08	
Skudesnaes...	30.48	35	N	4	b	30.40	-01	34	33	+6	NNE	2	c	2	36	28	*	*	-		
ICELAND & FAEROE.	Reykjavik...	29.77	38	S	5	r	29.61	-16	39	*	0	S	1	r	*	*	*	*	*	*	
	Blönduós...	29.82	38	S	1	c	29.60	-17	38	*	-5	SSW	1	r	*	*	*	*	*	*	
	Seydisfjord...	29.78	50	S	6	c	29.79	-17	43	*	-1	SW	3	bc	*	*	*	*	*	*	
	Thorshavn...	30.30	41	SW	4	c	30.18	-14	46	*	+5	WSW	6	r	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	30.50	38	SW	1	o	30.46	+02	39	36	+2	W	2	o	2	39	35	o	*	-	
	Stornoway...	30.51	37	SSW	3	o	30.53	+14	36	34	-1	SSW	4	o	4	38	35	o, sm, o	0.0	-	
	Castletown (Barra Id.)	30.49	38	SE	3	sm	30.56	+18	39	36	+2	SSW	3	o	3	40	37	o, sm, o	0.0	-	
	Malin Head...	30.46	33	SE	2	bc	30.60	+28	30	29	-7	S	2	bc	1	38	29	cm, b, bc	*	-	
	Blacksod Pt. ...	30.44	29	SE	2	o	30.61	+34	35	32	-3	SE	1	b	1	40	33	c, bc	*	-	
	Valencia...	30.39	40	ENE	2	o	30.56	+30	29	28	-10	ENE	1	bx	3	47	28	o, c, b	0.0	-	
	Roche's Point...	30.39	37	ENE	2	om	30.54	+29	30	29	-8	NE	2	b	2	41	30	o, c, b	*	-	
	Birr Castle...	30.42	34	NE	2	c	30.61	+31	24	23	-12	2	0	b	*	40	22	b, c	1.3	-	
	Donaghadee...	30.48	37	ENE	4	bc	30.60	+25	36	34	-1	E	3	bc	2	38	34	bc	*	-	
	Liverpool Obsy...	30.44	33	NE	4	c	30.56	+27	34	32	+1	NE	2	o	1	35	32	sm, sm, o	1.6	-	
	Holyhead...	30.40	35	NE	3	b	30.55	+28	35	34	-1	NE	3	bc	2	36	32	c, b	*	-	
	Pembroke (St. Ann's Hd.)	30.33	34	NE	3	b	30.50	+32	28	27	-8	NE	2	bm, x	3	38	27	c, b, m	7.8	-	
	Scilly (St. Mary's)	30.23	40	NNE	4	o	30.38	+27	39	36	-3	ENE	4	c	3	45	38	bc, o	2.2	-	
	Jersey (St. Aubins)	30.11	37	NE	5	c	30.26	+29	36	33	-2	NE	7	b	5	40	35	c, sm, o, c, bc	4.0	-	
	Portland Bill...	30.20	34	NNE	6	b	30.36	+30	32	30	-2	NE	6	b	5	38	30	b	8.5	-	
	Dungeness...	30.09	35	NE	7	c	30.29	+35	35	32	+1	NE	7	b	6	36	31	bc, c	5.5	-	
	Dover...	*	*	*	*	*	30.39	+39	31	?	0	NE	5	b	6	35	30	bc, b	4.3	-	
	Wick...	30.51	36	S	2	o	30.51	+10	32	30	-5	W	2	bc	2	39	25	o, b	*	-	
	Nairn...	30.53	28	Z	0	b	30.58	+16	24	23	-10	Z	0	b	1	39	22	o, b	6.7	-	
	Aberdeen...	30.56	35	ESE	1	o	30.59	+14	28	27	-8	WNW	1	b	3	38	28	o, b	0.0	-	
	Leith...	30.51	35	E	2	o	30.58	+20	33	31	-3	WNW	1	c	*	37	30	o, c, o	*	-	
	North Shields...	30.47	35	ENE	3	o	30.54	+19	39	37	+4	NNE	2	c	3	39	33	o	*	-	
	Spurn Head...	30.38	34	NE	5	bc	30.50	+27	36	33	+2	NE	3	c	3	38	33	bc, c	*	-	
	Yarmouth...	30.31	33	NE	6	bc	30.47	+30	35	33	+3	NE	3	bc	5	35	32	bc	6.3	-	
	Clacton-on-Sea...	30.23	32	NNE	6	b	30.43	+34	33	32	+1	NNE	4	bc	3	35	32	bc, b, bc	8.2	-	
	Nottingham...	30.39	34	ENE	5	c	30.52	+28	34	32	+1	NE	3	o	*	36	32	o, c	2.4	-	
	Bath...	30.28	33	E	4	b	30.49	+33	32	32	-1	SSE	3	b	*	37	30	-	7.2	-	
	Oxford...	30.35	32	NNE	7	b	30.53	+32	33	30	+2	NE	4	c	*	37	30	b, b, b	*	-	
	London (St. James' Pk)	30.24	34	NE	4	b	30.43	+33	31	30	-2	NNE	3	bx	*	38	30	b, b, bx	5.6	-	
GERMANY, &c.	The Scaw (Skagen)	30.41	32	NW	1	b	30.36	-05	34	33	+0	NE	1	c	0	34	23	*	*	-	
	Fanö...	30.43	21	NE	1	b	30.40	+04	23	22	+5	NNE	1	bc	*	28	18	*	*	-	
	Cuxhaven†...	30.32	26	E	3	b	30.40	+16	24	21	+5	NE	1	bm	*	28	21	*	*	-	
	The Helder...	30.31	28	ENE	7	b	30.47	+29	25	24	+1	E	2	b	1	28	24	*	*	-	
	Brussels...	*	*	*	*	*	30.33	+38	18	17	0	NE	4	b	*	25	16	*	*	-	
	Berlin†...	30.26	18	E	4	b	30.30	+13	16	12	+8	E	1	f	*	21	18	*	*	-	
	Frankfurt†...	30.02	24	NE	7	o	30.23	+39	18	15	-3	N	6	b	*	28	18	*	*	-	
	Munich†...	29.78	29	NE	5	o	30.06	+40	23	20	-2	NE	4	c	*	34	23	*	*	-	
FRANCE.	C. Gris Nez...	30.08	34	NE	8	c	30.26	+31	32	32	+2	NE	7	b	7	36	30	*	*	-	
	La Hève...	29.97	34	NNE	8	o	30.24	+34	28	?	-6	ENE	6	bc	6	37	27	*	*	-	
	Brest...	30.17	44	NNE	3	o	30.30	+25	39	36	-1	NE	4	o	5	45	36	*	*	-	
	Lorient...																	*	*	-	
	Rochefort...	29.87	39	NE	5	o	30.10	+28	31	31	-6	NE	4	o	*	41	30	bc, o	*	-	
	Biarritz...	29.85	45	NW	6	r	30.04	+22	32	32	-5	ENE	2	o	5	46	30	*	*	0.59	
	Paris...	29.92	28	NNE	5	o	30.18	+41	24	?	-6	NNE	3	b	*	35	24	*	*	-	
	Nancy...	29.86	28	NNW	4	c	30.10	+44	26	24	-4	N	4	b	*	30	23	*	*	-	
	Lyons...	29.74	31	N	1	o	29.94	+41	29	28	-2	NNW	3	o	*	32	29	*	*	0.04	
	Nice...	29.52	40	Z	0	o	29.77	+33	37	35	+2	Z	0	o	3	50	35	*	*	-	
Perpignan...	29.67	41	NW	4	o	29.84	+31	34	31	-5	NW	4	o	*	42	32	*	*	-		
Sanguinaire...	29.59	46	NW	3	o	29.59	+11	45	41	+2	E	3	o	4	59	43	*	*	-		
SPANISH PENIN.	Corunna...																	*	*	-	
	Lisbon...	30.11	47	NNE	5	b	30.15	+10	46	40	-3	NNE	4	b	*	55	43	*	*	-	
	Azores (P. Delgada)...																	*	*	-	
„ Horta...	30.14	56	NE	5	o	30.10	-01	55	54	+2	NE	5	r	5	57	52	*	*	0.08		

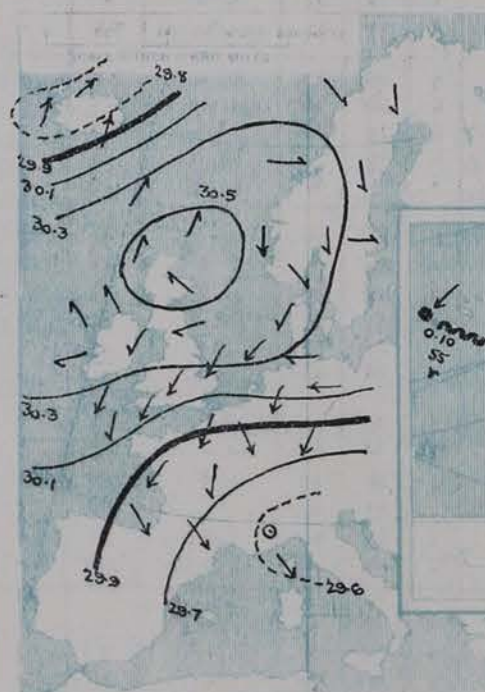


13<sup>th</sup> Leby.

7 A M. YESTERDAY



6 P M YESTERDAY



LOW

Bar. falling

Bar. rising

Barometer

Rising

Generally

LOW

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:—

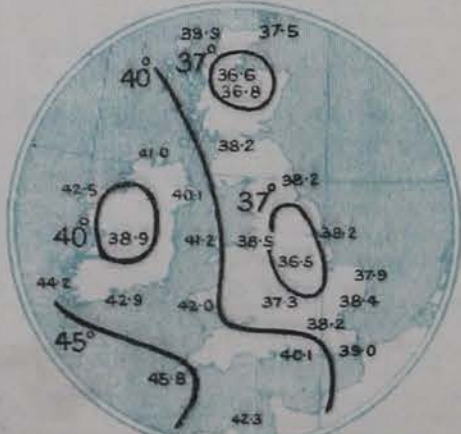
Rain falling ● ; Hail ▲ ; Snow \*

SEA DISTURBANCE:—

Rough ~~~ ; High ~~~~

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

Between Scotland and Iceland and in the north-west of Norway the wind is light to strong from the South-Westward, in the south of Sweden light from the Northward, in Denmark and in nearly all parts of England and Ireland light from the North-Eastward. On the shores of the English Channel, however, it continues strong or high. Temperature has fallen in most regions except in Scandinavia and Denmark. Over the United Kingdom it ranges from  $39^{\circ}$  at Scilly, Castlebay, Lumburgh Head, and North Shields to  $31^{\circ}$  in London, below  $30^{\circ}$  in some parts of Ireland, and to  $24^{\circ}$  at Naïon. The weather is fair or fine and bright over the greater part of our area, but overcast at most of the French stations and in several localities in Scandinavia, while rain is falling at Thorshavn and in the west of Iceland.

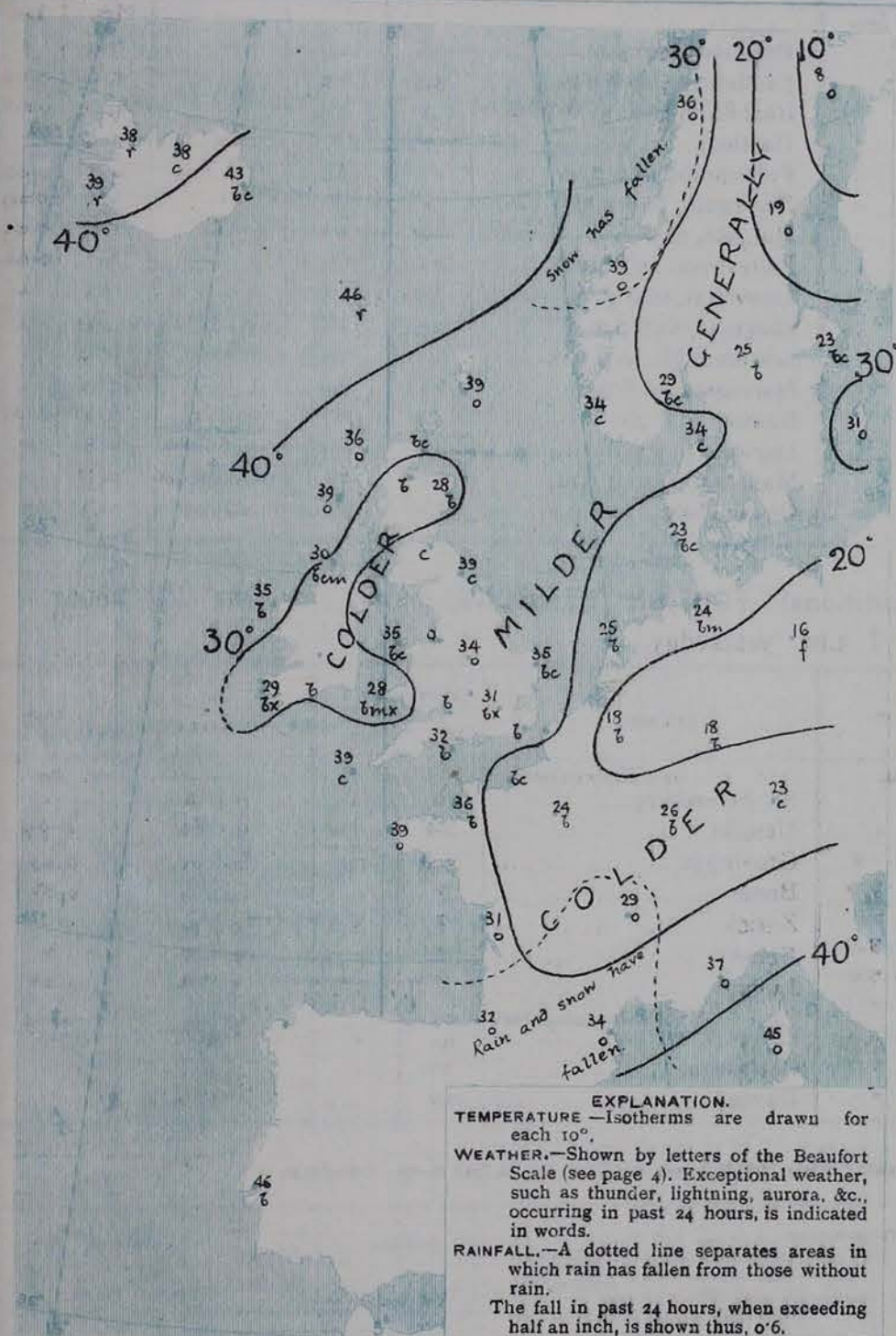




# CHARTS

13th February, 1909.

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



### NOTES ON YESTERDAY'S WEATHER

The maximum temperatures reported yesterday were below 40° in nearly all parts of these Islands, and below 35° at some places in the north and north-west of England. Frost was experienced at night, the lowest minima reported being 22° at Nairn and Birr Castle. The duration of bright sunshine was very large at most places along the west, south, and south-west coasts, but in Scotland and Ireland, as well as in the north-east of England the day was dull.

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

The anticyclonic system seems likely to move slowly in a south-easterly or southerly direction, and the wind will increase somewhat in force from South-West on our extreme north-west coasts. Over the Kingdom generally the weather will continue fair and cold, with the wind mainly North-Easterly.

## 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 chiefly S.W.<sup>y</sup>, increasing in force; cloudy or dull, some rain; moderate temperature.

W.<sup>y</sup> or S.W.<sup>y</sup> winds, light or moderate; fair to cloudy or dull; cold.

Wind mainly N.E.<sup>y</sup>, light; generally fair or fine, mist in places; cold, sharp frost at night.

N.E.<sup>y</sup> winds, decreasing in force; fair or fine, some mist locally; cold, sharp frost at night.

Same as No. 1.

N.E.<sup>y</sup> to variable winds, light; mostly fair, mist or fog locally; cold, sharp frost at night.

Same as No. 5.

Light variable winds; fair or fine generally; cold, sharp frost inland.

### 11 WESTERN CHANNEL AND BAY

N.E.<sup>y</sup> winds, strong to moderate; sea rather rough to 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.



## DAILY WEATHER REPORT.

Saturday 13<sup>th</sup> February 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	37	o, c, s, b, bc	*	-	Brighton, to 6 p.m. ...	36	32	*	7.9	-
Rossall Beach, to 6 p.m....	36	31	c, b, c	*	-	Eastbourne, to 6 p.m. ...	39	32	*	8.0	0.02
Blackpool, to 9 p.m. ...	37	31	c	5.1	-	Bexhill-on-Sea, to 9 p.m.	40	32	*	8.0	0.04
Southport, to 9 p.m. ...	37	32	c, bc, c	3.6	-	Hastings ... ..	*	*	*	8.6	*
Rhyl, to 6 p.m. ... ..	37	32	*	1.9	-	Folkestone, to 6 p.m. ...	38	31	bc, b, c	4.8	0.03
Colwyn Bay, to 6 p.m. ...	37	31	bc, b; bc	2.2	-	Ramsgate, to 6 p.m. ...	*	*	*	6.9	0.09
Llandudno, to 9 p.m. ...	37	33	o, c, o	0.6	-	Margate, to 6 p.m. ...	36	32	b	5.5	0.09
Bettws-y-Coed, to 6 p.m.	41	33	c, b, bc	2.5	*	Felixstowe, to 6 p.m. ...	35	31	*	8.1	0.06
Towyn, to 6 p.m. ... ..	36	33	b, bc, b	7.1	-	Lowestoft, to 6 p.m. ...	35	32	o, c, o, c	7.1	-
Aberystwyth, to 6 p.m. ...	40	34	*	6.0	-	Skegness, to 6 p.m....	36	33	c, bc, c	4.0	-
Plymouth, to 9 p.m. ...	40	33	b, b, v	8.2	-	Scarborough, to 9 p.m. ...	37	33	o	0.0	-
Torquay, to 6 p.m....	42	34	*	8.2	-	Harrogate, to 6 p.m. ...	37	30	*	0.0	-
Weymouth, to 6 p.m. ...	40	32	b	8.5	-	Buxton, to 6 p.m. ... ..	33	27	os, b, c	2.5	0.01
Bournemouth, to 6 p.m....	39	31	*	8.5	-	Darwen, to 9 p.m. ... ..	33	29	ou, bc, ou	2.3	-
Southsea, to 6 p.m....	38	32	*	8.0	-	Manchester, to 9 p.m. ...	36	33	od, c, bc, c, o	2.3	-
Worthing, to 6 p.m. ...	36	31	b	8.6	-	Birmingham, to 9 p.m....	35	31	o, c, o	0.7	-

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

STATIONS. 12 <sup>th</sup> February 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 12 <sup>th</sup> February 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ... ..	46	36	o, r	-	St. Petersburg ... ..	0	-11	o, s	-
Marseilles ... ..	58	50	r	0.08	Utrecht ... ..	34	12	o, bc	0.04
Malta ... ..	54	41	bc, c	0.83	Groningen ... ..	34	14	bc, bc	0.08
Algiers ... ..	64	41	c, bc	-	Berne ... ..	?	?	bc, o	0.51
Tunis ... ..	59	44	bc, r	0.35	Zurich ... ..	?	?	o, o	-
Palermo ... ..	56	47	o, r	0.20	Geneva ... ..	?	?	o, o	-
Naples ... ..	48	34	o, o	-	Lugano ... ..	?	?	s, s	0.08
Brindisi ... ..	47	41	o, o	0.24	Coire ... ..	41	*	o	Measured 7.30 a.m.
Florence ... ..	34	27	b, o	-	Castasegna ... ..	32	*	s	-
Rome ... ..					Davos ... ..	28	*	o	-
Vienna ... ..									

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Dry Bulb.			Lat.	Long.		Dir.	Force.	
Lake Michigan { Feb. 3. 3 p.m.	48 N.	39 W.	29.60	WSW	4-5	-	-	-	-	-				Ins.			
" 6 p.m.	48 N.	40 W.	29.65	WSW	4-5	b	-	-	-	-							
Feb. 8. 4 a.m.	51 N.	15 W.	30.07	NNE	6-7	-	-	-	-	-							
" 7 a.m.	51 N.	15 W.	30.02	NNW	4-5	b	-	-	-	-							
" 3 p.m.	51 N.	17 W.	30.02	SSW	6-7	-	-	-	-	-							
" 6 p.m.	51 N.	18 W.	29.93	SW	6-7	o	-	-	-	-							
Feb. 9. 4 a.m.	51 N.	19 W.	29.97	WSW	8-9	-	-	-	-	-							
" 7 a.m.	51 N.	19 W.	30.03	WNW	6-7	c	-	-	-	-							
" 3 p.m.	51 N.	20 W.	30.10	WNW	8-9	-	-	-	-	-							
" 6 p.m.	51 N.	20 W.	30.11	WNW	6-7	o	-	-	-	-							
Feb. 10. 4 a.m.	51 N.	21 W.	30.16	WNW	4-5	-	-	-	-	-							
" 7 a.m.	51 N.	22 W.	30.18	W	4-5	o	-	-	-	-							
" 6 p.m.	51 N.	26 W.	30.16	S	4-5	o	-	-	-	-							
Saxonia { Feb. 11. 3 p.m.	50 N.	18 W.	30.11	SSW	1-3	-	-	-	-	-							
" 6 p.m.	50 N.	19 W.	30.09	SSW	4-5	o	-	-	-	-							
Teutonic { Feb. 12. 4 a.m.	51 N.	14 W.	30.24	E	1-3	-	-	-	-	-							
" 7 a.m.	51 N.	15 W.	30.24	ESE	1-3	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. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

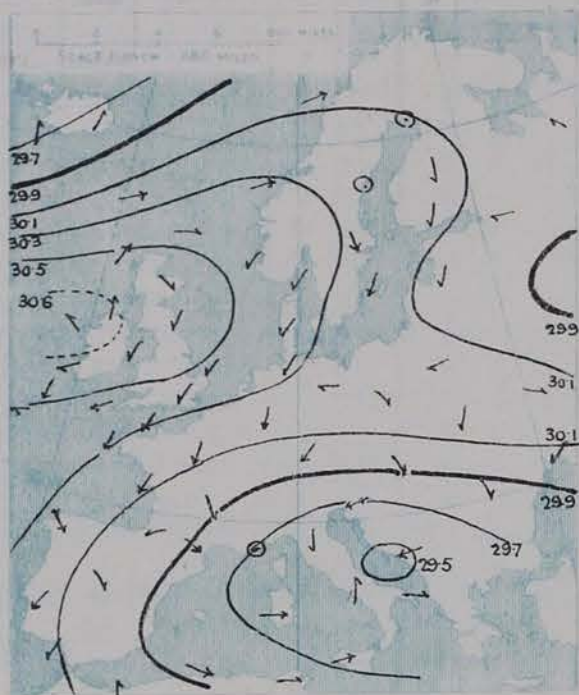
(Sunday)  
(14th February, 1909.)

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		Max.	Min.					
		Ins.	Dry Bulb.	Direc.	(0 to 12).		Ins.	Ins.	°	°	°	Direc.	(0 to 12).		(0 to 9).	°	°		Hours.	Ins.	
SCANDINAVIA.	Haparanda...	29.66	28	S	2	0	29.00	-1.10	30	30	+22	SW	4	0	*	330	7	*	*	-	
	Hernösand...	29.99	34	Z	0	0	29.30	-1.97	37	32	+18	S	2	0	*	337	18	*	*	-	
	Stockholm...	30.20	23	WSW	2	0	29.75	-1.50	28	27	+5	SW	4	0	*	30	23	*	*	-	
	Wisby...	30.27	30	NE	4	0	29.93	-1.24	30	28	-1	WSW	6	0	*	32	28	*	*	-	
	Karlstad...	30.25	27	Z	0	0	29.81	-1.56	30	30	+5	WSW	2	0	*	*	*	*	-		
	Færder (X'anta Fjord)	30.20	34	SW	3	0	29.85	-1.52	26	34	+7	SW	6	0	3	336	28	*	*	-	
	Bodö...	29.57	36	SW	4	0	29.03	-1.98	36	35	0	NW	6	0	3	37	32	*	*	-	
ICELAND & FAEROE.	Christiansund...	29.99	42	WSW	9	0	29.56	-1.77	41	40	+2	WSW	9	0	3	42	39	*	*	0.43	
	Skudesnaes...	30.38	39	NW	2	0	30.04	-1.36	43	42	+9	WNW	7	0	2	43	34	c, o	*	0.35	
	Reykjavik...	29.67	36	SW	6	0	29.89	+1.28	35	*	-4	WSW	7	0	*	*	*	*	*		
	Blönduós...	29.55	37	SSW	1	0	29.77	+1.17	32	*	-6	SSW	2	0	*	*	*	*	*		
BRITISH ISLANDS.	Seydisfjörður...	29.62	40	S	6	0	29.66	-1.13	39	*	-4	SW	10	0	*	*	*	*	*		
	Thorshavn...	30.02	43	W	8	0	29.88	-1.30	43	*	-3	WNW	1	0	*	*	*	*	*		
	Sumburgh Head	30.31	42	W	3	0	30.05	-1.41	46	46	+7	W	4	0	4	46	37	c	*	0.02	
	Stornoway...	30.44	44	SW	6	0.04	30.33	-1.20	48	47	+12	W	5	0	4	48	36	bc, adpq	1.4	0.09	
	Castlebay (Barra Id.)	30.54	44	SSW	3	0	30.44	-1.12	48	47	+9	WNW	4	0	4	48	38	o, adm	0.0	-	
	Malin Head	30.62	26	S	1	0	30.53	-1.07	43	42	+13	SW	4	0	2	43	29	bc	*	-	
	Blacksod Pt.	30.66	38	WNW	1	0	30.67	+1.06	41	39	+6	SW	2	0	1	42	34	bc, bc	*	-	
	Valencia	30.64	35	Z	0	0	30.67	+1.11	26	26	-3	NE	1	0	4	43	25	b	8.2	-	
	Roche's Point	30.63	37	NE	2	0	30.66	+1.12	31	30	+1	N	1	0	1	41	29	cg, b, mac	*	-	
	Birr Castle	30.64	34	NE	1	0	30.68	+1.07	21	20	-3	Z	0	0	1	41	19	b	6.3	-	
	Donaghadee	30.63	35	NNE	1	0	30.64	+1.04	35	34	-1	WSW	2	0	1	40	23	bc, o	*	-	
	Liverpool Obsy...	30.63	36	NW	1	0	30.58	+1.02	37	36	+3	W	3	0	2	38	34	o, bc, o	4.7	-	
	Holyhead	30.62	38	NE	1	0	30.64	+1.09	37	36	+2	WNW	2	0	1	40	34	b	*	-	
	Pembroke (St. Ann's Hd.)	30.57	36	NE	2	0	30.61	+1.11	37	34	+9	NE	2	0	3	41	26	bm, bc	8.7	-	
	Scilly (St. Mary's)	30.51	41	ENE	3	0	30.59	+1.21	36	33	-3	NE	1	0	3	42	35	c	7.8	-	
	Jersey (St. Aubins)	30.46	37	NE	6	0	30.54	+1.28	38	36	+2	NE	3	0	3	43	35	c, bc, bc	7.8	-	
	Portland Bill	30.32	37	NE	4	0	30.57	+1.21	34	34	+2	N	3	0	3	39	31	b	8.4	-	
	Dungeness	30.45	37	NE	4	0	30.49	+1.20	29	28	-6	N	3	0	3	37	26	bc	6.6	-	
	Dover	*	*	*	*	*	30.53	+1.14	31	30	0	NW	2	0	2	37	30	b, bc, b	7.6	-	
	Wick	30.41	40	W	3	0	30.20	-1.31	45	43	+13	W	4	0	3	45	30	*	*	0.01	
	Nairn	30.30	36	WSW	2	0	30.32	-1.26	45	43	+21	WSW	2	0	1	47	22	b, bc, c, o	4.8	-	
	Aberdeen	30.53	33	WSW	1	0	30.31	-1.28	47	43	+19	WSW	2	0	2	47	27	bc, o	5.1	-	
	Leith	30.57	34	WSW	2	0	30.43	-1.15	41	40	+8	SW	3	0	4	42	32	bc, b, bc	*	-	
	North Shields	30.56	37	WNW	1	0	30.43	-1.11	34	32	-5	W	3	0	2	42	28	c	*	-	
	Spurn Head	30.56	36	N	2	0	30.47	-1.03	31	30	-5	WNW	3	0	3	41	30	cg, bc, bc	*	-	
	Yarmouth	30.51	38	NNW	2	0	30.50	+1.03	31	31	-4	W	2	0	4	41	31	bc	2.5	-	
	Clacton-on-Sea	30.52	37	NNW	2	0	30.52	+1.09	28	27	-5	WNW	3	0	1	38	27	bc, c, o, bc	2.5	-	
	Nottingham	30.59	34	ENE	1	0	30.53	+1.01	27	26	-7	W	1	0	*	40	25	o, c, bc, x	3.0	-	
	Bath	30.56	37	NE	1	0	30.58	+1.09	22	22	-10	NE	1	0	*	40	21	-	6.2	-	
Oxford	30.62	32	NNE	2	0	30.58	+1.05	32	31	-1	NNW	3	0	*	40	25	b	*	-		
London (St. James's Park)	30.52	38	NNE	1	0	30.54	+1.11	27	27	-4	NNW	2	0	*	39	26	o, b, bc	0.9	-		
GERMANY, &c.	The Scaw (Skagen)	30.31	32	WNW	2	0	29.99	-1.37	38	37	+4	WNW	7	0	2	39	30	*	*	-	
	Fanø	30.39	26	NW	1	0	30.28	-1.12	33	32	+10	W	2	0	*	37	23	*	*	-	
	Cuxhaven†	30.40	30	NW	1	0	30.38	-1.02	28	28	+4	W	2	0	f	34	23	*	*	-	
	The Helder	30.48	33	N	2	0	30.46	-1.01	33	33	+8	?N	1	0	0	36	25	*	*	-	
	Brussels	*	*	*	*	*	30.47	+1.14	31	31	+13	Z	0	f	34	17	*	*	-		
	Berlin†	30.53	30	Z	0	0	30.39	+1.09	25	25	+9	Z	0	c	*	30	16	*	*	0.04	
	Frankfurt†	30.39	28	NE	5	0	30.45	+1.22	25	25	+7	SE	1	0	*	30	15	*	*	-	
FRANCE.	Munich†	30.29	21	NNE	2	0	30.49	+1.43	9	92	-14	E	2	b	*	30	9	*	*	-	
	C. Gris Nez	30.44	35	NE	4	0	30.42	+1.16	36	36	+4	N	4	c	4	39	32	*	*	0.12	
	La Hève	30.44	32	ENE	6	0	30.48	+1.24	34	34	+6	NE	2	c	2	37	28	*	*	-	
	Brest	30.43	39	NE	6	0	30.57	+1.27	35	34	-4	NE	2	b	1	43	34	*	*	-	
	Lorient	30.34	40	NE	5	0	30.46	+1.12	36	35	-1	NNE	4	c	2	45	34	*	*	-	
	Rochefort	30.28	37	NE	2	0	30.38	+1.28	30	29	-1	NE	4	b	2	39	27	c, bc	*	-	
	Biarritz	30.24	34	ENE	2	0	30.34	+1.30	32	31	0	E	2	c	5	36	32	*	*	-	
SPANISH PENIN.	Paris	30.36	32	NNE	5	0	30.47	+1.29	24	24	0	N	2	b	*	36	24	*	*	-	
	Nancy	30.23	30	N	4	0	30.42	+1.32	24	23	-2	NNE	4	b	*	36	21	*	*	-	
	Lyons	30.10	33	NNW	2	0	30.25	+1.31	23	21	-6	NNW	1	b	*	35	23	*	*	-	
	Nice	29.80	41	Z	0	0	29.88	+1.11	40	35	+3	Z	0	c	4	48	37	*	*	-	
	Perpignan	30.01	37	NW	5	0	30.05	+1.21	36	31	+2	W	5	b	*	41	34	*	*	-	
	Sanguinaire																				
Corunna	30.30	50	NW	1	0	30.32	+1.02	47	41	+2	ENE	4	0	4	50	43	*	*	-		
Lisbon	30.15	46	NNE	4	0	30.11	-1.04	42	39	-4	NNE	3	b	*	54	41	*	*	-		
Azores (P. Delgada)	30.01	57	E	4	0	29.97	-1.09	57	54	+2	ESE	5	m	5	63	54	*	*	-		
Horta	30.00	56	NE	3	0	29.95	-1.15	54	53	-1	NNW	2	r	2	59	52	*	*	0.75		

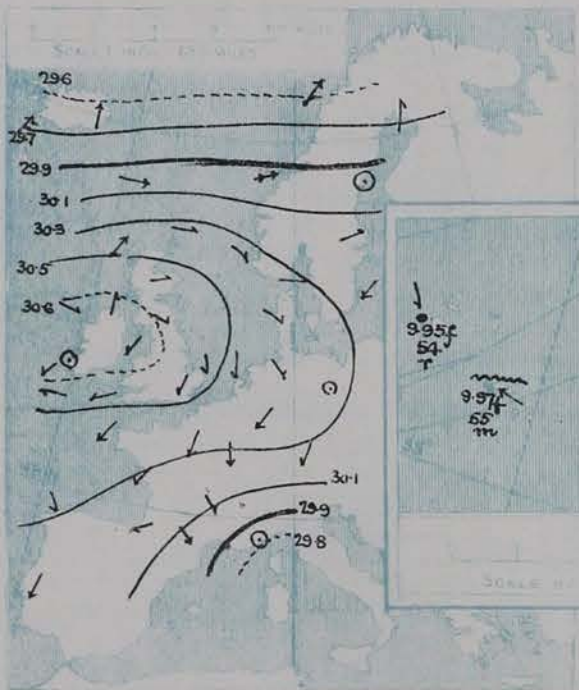


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

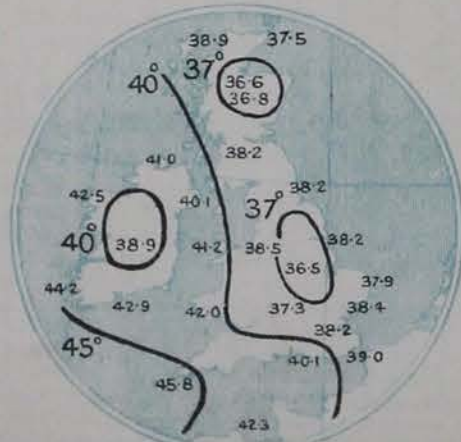
7 A.M. YESTERDAY



6 P.M. YESTERDAY

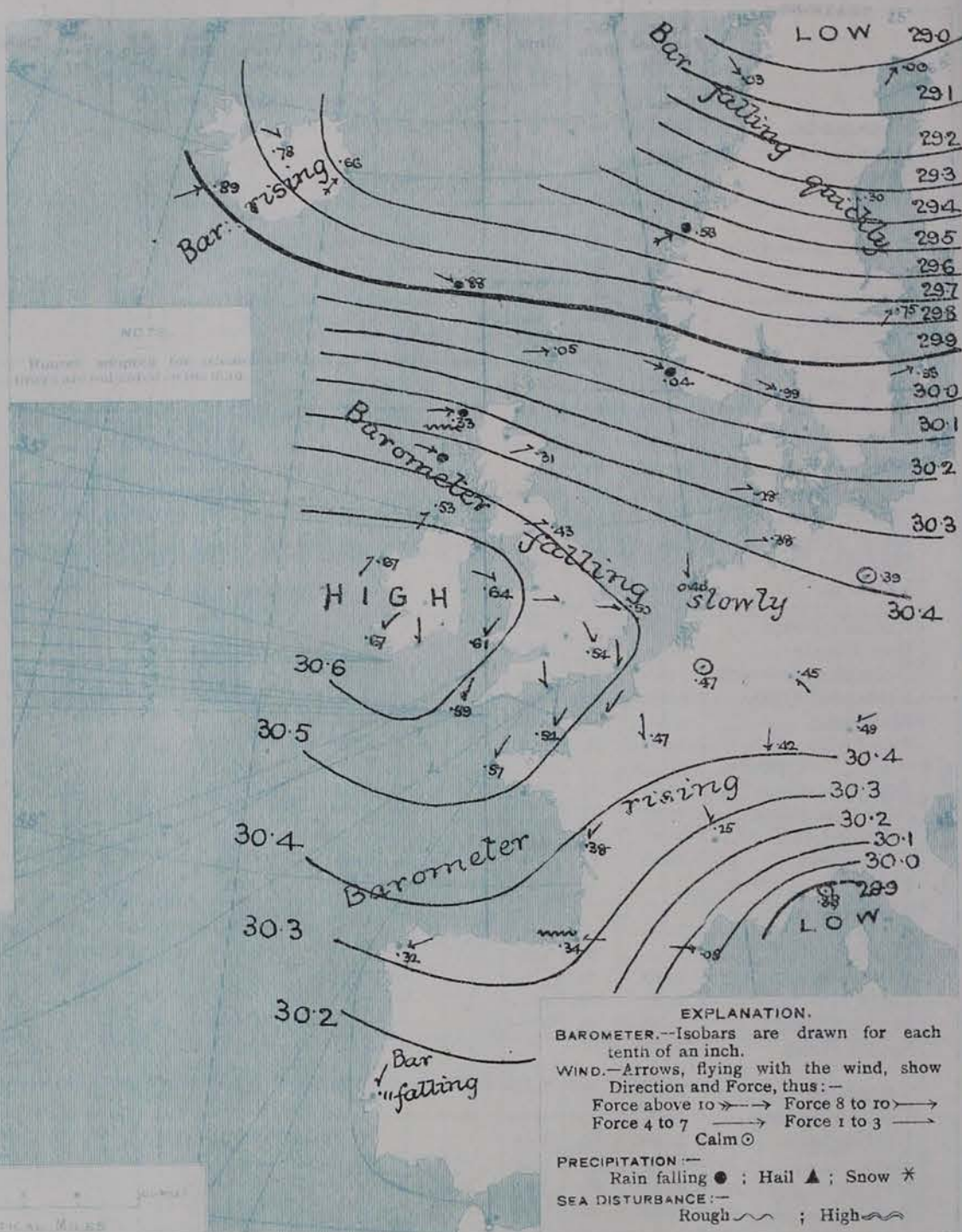


AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF FEBRUARY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Sunday, WEATHER 14<sup>th</sup> Feb.

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



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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

The anticyclone recently noticed over western Europe has moved South-Eastwards, its central area being now situated over Ireland and the St. George's Channel. A deep depression over the north of Scandinavia is causing a rapid fall of the mercury in that peninsula, and a less decided fall over the northern parts of our area generally, where the barometric gradient is now steep.

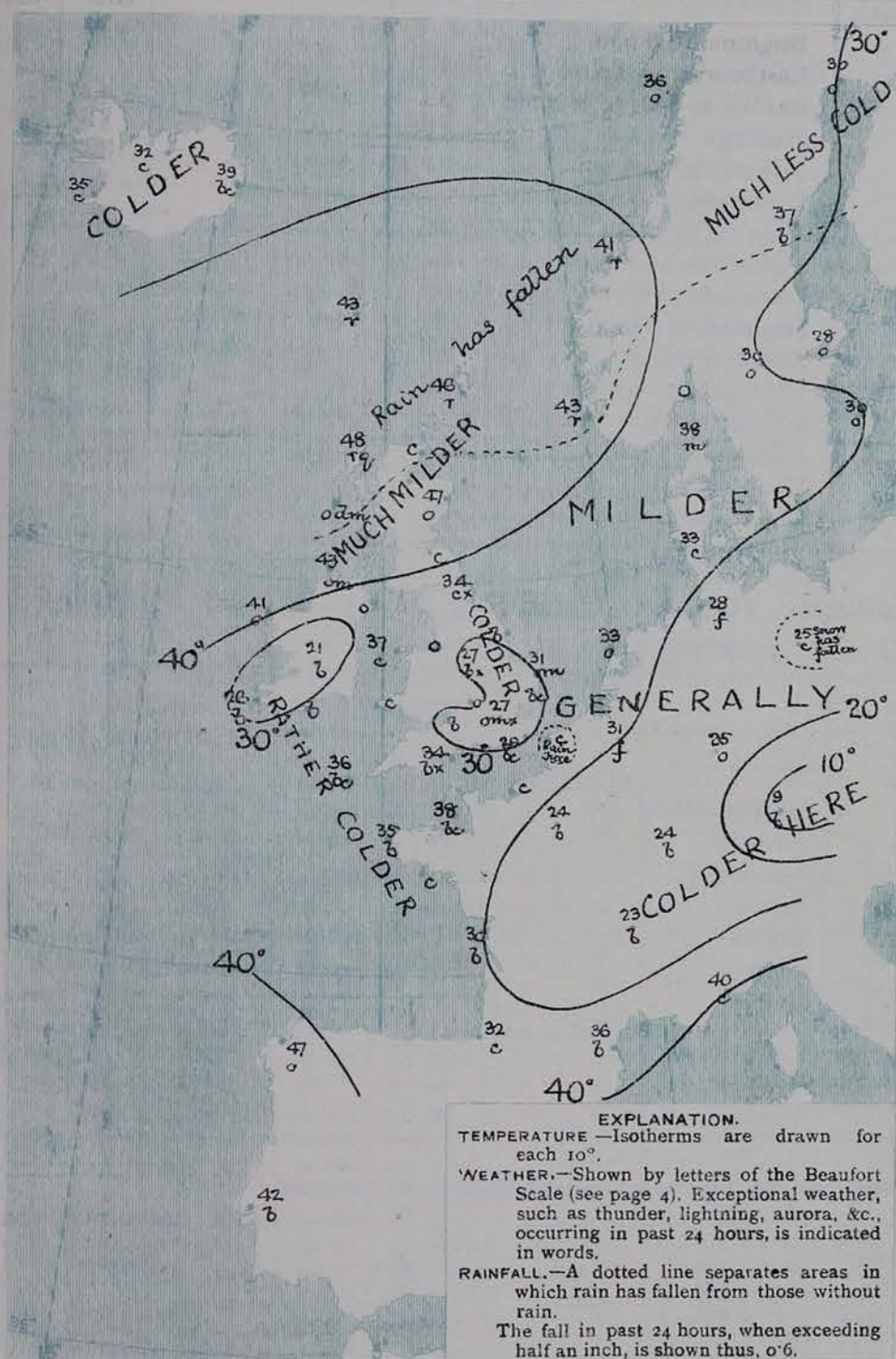
Westerly winds have set in over all the more northern parts of these Islands and the Continent, and blow very strongly on the Norwegian and Danish coasts, with a gale at Christiansund. On our southern coasts the wind is northerly, while in the west of France it draws into North-East and East. Sharp frost prevails over the inland parts of England and Ireland, as well as in France and Germany, but in Scotland and Scandinavia the thermometer has risen briskly, the change since yesterday amounting to 19° at Aberdeen, 21° at Nairn, and 22° at Haparanda. The weather is fine over the greater part of England, Ireland, and France, but cloudy or dull elsewhere. Rain is falling in Shetland, the Hebrides, and the west of Norway, as well as in the Faerøe Islands. The sea is slight or smooth generally, but rather rough in the Minch.



# CHARTS

14<sup>th</sup> February, 1909.

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



## NOTES ON YESTERDAY'S WEATHER

At many of the English stations the thermometer yesterday failed to reach 40°. A sharp frost occurred at night over England and Central Ireland the thermometer on the grass falling to 18° at Oxford and to 20° in London. More than 8 hours of bright sunshine were recorded on most parts of our south and south-west coasts, but over Eastern and Central England the duration was somewhat small.

## 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

— Storm feared —

## 11 WESTERN CHANNEL AND BAY

## FORECAST DISTRICTS.

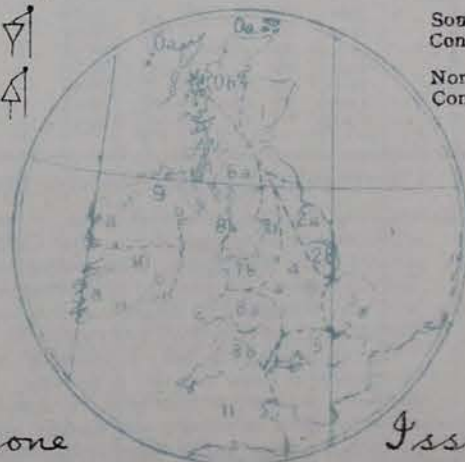
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.  
North Cone.

South Cone.  
North Cone.



None

Issued.



## DAILY WEATHER REPORT.

Sunday, 14th February, 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....	41	36	c, b	*	-	Brighton, to 6 p.m. ...			*		
Rossall Beach, to 6 p.m....	41	29	x, b, c, b	*	-	Eastbourne, to 6 p.m. ...			*		
Blackpool, to 9 p.m. ...	40	28	c, b, c, o	7.2	-	Bexhill-on-Sea, to 9 p.m.	39	31	b, c	8.0	-
Southport, to 9 p.m. ...	40	30	b, c, b	6.7	-	Hastings ...	*	*	*	8.5	*
Rhyl, to 6 p.m. ...			*	6.5	-	Folkestone, to 6 p.m. ...	38	30	b, b, c	7.4	-
Colwyn Bay, to 6 p.m. ...	39	32	b, c	6.5	-	Ramsgate, to 6 p.m. ...	*	*	*		
Llandudno, to 9 p.m. ...	38	32	c, o, b, c	6.2	-	Margate, to 6 p.m. ...	39	32	b, o	4.3	-
Bettws-y-Coed, to 6 p.m.				*	*	Felixstowe, to 6 p.m. ...	40	34	c	3.3	-
Towyn, to 6 p.m. ...	44	30	b	8.4	-	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	43	33	*	7.2	-	Skegness, to 6 p.m. ...	42	34	c, b, c, b	4.8	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	44	34	b, c	5.0	-
Torquay, to 6 p.m. ...	43	31	*	5.7	-	Harrogate, to 6 p.m. ...	41	30	c, b, c, b	4.1	-
Weymouth, to 6 p.m. ...	41	29	b	8.4	-	Buxton, to 6 p.m. ...	39	27	c, b, c, b	6.4	-
Bournemouth, to 6 p.m. ...	40	29	b	8.8	-	Darwen, to 9 p.m. ...	39	29	c, b, c	3.3	-
Southsea, to 6 p.m. ...			*			Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	38	30	b, c	7.5	-	Birmingham, to 9 p.m. ...	39	30	c, b	3.6	-

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

STATIONS. 13th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 13th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	not	recd.		Ins.	St. Petersburg ...	14	0	m, s	-
Marseilles ...	39	32	c, o	-	Utrecht ...	28	12	b, b	-
Malta ...	55	47	b	0.41	Groningen ...	28	14	b, m	-
Algiers ...	57	46	b, b	-	Berne ...	*	*	c, o	-
Tunis ...	68	41	b, b	0.63	Zurich ...	*	*	c, s	-
Palermo ...	57	42	b, b	0.04	Geneva ...	*	*	c, o	-
Naples ...	56	45	c, o	0.46	Lugano ...	*	*	c, o	1.42
Brindisi ...	50	35	r, b	1.18	Coire ...	32	*	o	Measured 7.30 a.m.
Florence ...	45	40	c, o	0.55	Castasegna ...	34	*	s	0.47
Rome ...	47	40	c, o	0.04	Davos ...	36	*	o	-
Vienna ...	32	18	c, o	-					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Cynaric	41 N	55 W	29.91	SSE	6-7	b					11th Feb. 3 p.m.	50 N	21 W	29.98	S	4-5	c
	41 N	57 W	29.86	S	6-7	b					12th Feb. 4 a.m.	50 N	21 W	29.85	S	4-5	c
	42 N	59 W	30.19	WNW	4-5	b					12th Feb. 4 a.m.	50 N	17 W	30.08	S	4-5	c
	42 N	60 W	30.13	WNW	4-5	b					12th Feb. 7 a.m.	50 N	16 W	30.07	S	4-5	c
Oceanic	42 N	50 W	30.03	WSW	4-5	b					12th Feb. 3 p.m.	50 N	14 W	30.23	S	4-5	c
	42 N	51 W	30.05	W	4-5	b					12th Feb. 6 p.m.	50 N	13 W	30.26	E	1-3	b, c
	47 N	34 W	30.52	WSW	6-7	b					12th Feb. 10 a.m.	50 N	9 W	30.49	ENE	6-7	b, c
	46 N	35 W	30.36	W	4-5	b					12th Feb. 1 p.m.	50 N	8 W	30.51	ENE	6-7	b, c
Canada	45 N	38 W	30.26	SW	4-5	b					11th Feb. 6 p.m.	47 N	27 W	30.16	SSW	5	b
	44 N	41 W	30.32	SSW	4-5	b					11th Feb. 7 a.m.	46 N	32 W	30.28	W	4	b
	43 N	42 W	30.10	SE	6-7	b					12th Feb. 7 a.m.	49 N	14 W	30.20	E	2	b
	43 N	42 W	29.98	SSE	6-7	b					12th Feb. 6 p.m.	48 N	20 W	30.20	WSW	5	b
	49 N	34 W	30.29	WSW	4-5	b					12th Feb. 3 p.m.	50 N	20 W	30.24	WSW	6-7	b
	47 N	35 W	30.29	SW	4-5	b					12th Feb. 6 p.m.	50 N	21 W	30.31	N	6-7	b
Tunisian	46 N	37 W	29.90	S	10-11	b					12th Feb. 6 p.m.	50 N	21 W	30.31	N	6-7	b
	46 N	38 W	29.82	NW	6-7	b					12th Feb. 7 a.m.	44 N	38 W	30.04	WSW	6	b
	45 N	39 W	29.85	W	8-9	b					12th Feb. 7 a.m.	45 N	38 W	30.04	WNW	6	b
	45 N	40 W	29.95	W	8-9	b					12th Feb. 6 p.m.	46 N	29 W	30.08	WNW	5	b
	46 N	35 W	30.20	S	4-5	b					12th Feb. 7 a.m.	47 N	24 W	30.16	NNW	4	b
St. Paul	46 N	36 W	29.99	S	8-9	b					12th Feb. 6 p.m.	48 N	20 W	30.16	N	5	b
	45 N	38 W	29.96	WSW	6-7	b					12th Feb. 7 a.m.	49 N	14 W	30.16	E	3	b
	45 N	39 W	29.96	WSW	6-7	b					12th Feb. 6 p.m.	50 N	12 W	30.40	NNE	4-5	b
											12th Feb. 3 p.m.	51 N	10 W	30.75	NE	1-3	b
											12th Feb. 6 p.m.	51 N	11 W	30.76	ENE	1-3	c

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

(a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday  
15th February 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.	Wet Bulb.					Change since Yesterday.	Max.				Min.	
SCANDINAVIA.		Ins.	"				Ins.	Ins.	"	"	"					"	"		Hours.	Ins.	
	Haparanda...	28.70	28	N	4	bc	28.89	-11	17	17	-13	N	2	bc	*	34	17	*	*	0.16	
	Hernösand ...	29.05	35	NW	4	bc	29.04	-26	34	31	-3	N	2	bc	*	41	32	*	*	-	
	Stockholm ...	29.25	35	WSW	4	o	29.06	-69	30	28	+2	WNW	2	bc	*	36	23	*	*	-	
	Wisby...	29.35	36	SW	6	o	29.11	-82	35	32	+5	NW	6	o	*	37	27	*	*	-	
	Karlstad ...	29.29	39	S	4	r	29.26	-55	32	31	+2	NW	4	bc	*	*	*	*	0.04		
	Färder (X'ania Fjord)	29.35	38	SW	3	c	29.36	-49	37	32	+1	WNW	4	c	3	39	36	*	*	-	
	Bodö ...	29.28	35	W	4	bc	29.26	+23	28	?	-8	NE	5	bc	2	36	25	*	*	-	
	Christiansund ...	29.38	34	WNW	5	r	29.48	-08	34	33	-7	WNW	6	r	5	41	34	*	*	0.24	
	Skudesnaes ...	29.70	33	W	8	c	29.67	-37	37	33	-6	NNW	9	c	4	45	23	*	*	0.35	
ICELAND & FAEROE.																					
	Reykjavik ...	30.06	36	W	7	c	30.26	+37	33	*	-2	SE	1	c	*	*	*	*	*	*	
	Blönduós ...	29.94	33	W	6	bc	30.26	+49	31	*	-1	SE	1	bc	*	*	*	*	*	*	
	Seydisfjord...	29.86	35	W	6	c	30.15	+49	32	*	-7	W	5	bc	*	*	*	*	*	*	
	Thorshavn ...	29.94	37	WNW	7	r	30.12	+24	32	*	-11	NNW	4	bc	*	*	*	*	*	*	
BRITISH ISLANDS.																					
	Sumburgh Head	29.86	44	W	6	c	29.94	-11	36	35	-10	NW	4	o	5	47	32	r, c	*	0.10	
	Stornoway ...	30.26	45	NW	6	c	30.27	-06	43	38	-5	NW	6	o	5	50	41	odg, c, g	0.0	0.07	
	Castlebay (Barra Id.)	30.33	49	WNW	5	opm	30.36	-08	45	41	-3	NW	3	op	3	49	43	omf, om, b, op	0.0	0.02	
	Malin Head ...	30.38	47	SW	4	opm	30.38	-15	44	42	+1	NW	2	bc	2	47	42	bc, bc, omf, omf	*	0.06	
	Blacksod Pt. ...	30.56	47	WSW	2	c	30.47	-20	48	47	+7	W	2	om	1	48	40	bc, bc, c	*	0.01	
	Valencia ...	30.60	38	NNE	2	c	30.50	-17	37	36	+11	NE	1	o	4	43	26	bc, c, b	7.7	-	
	Roche's Point ...	30.58	36	N	4	bc	30.45	-21	43	42	+12	NW	2	o	2	43	30	bc, b, o	*	0.02	
	Birr Castle ...	30.59	38	2	0	o	30.44	-24	43	42	+22	W	2	og	*	44	20	o	0.0	-	
	Donaghadee ...	30.44	45	WSW	3	c	30.37	-27	43	42	+8	NW	4	c	3	48	35	bc, od	*	0.01	
	Liverpool Obsy...	30.45	42	WSW	4	o	30.33	-25	41	41	+4	W	3	o	3	43	36	og, om	0.0	0.01	
	Holyhead ...	30.47	43	WNW	4	cm	30.26	-28	45	45	+8	NW	3	cm	2	45	37	c, cm	*	-	
	Pembroke (St. Ann's Hd.)	30.50	38	NE	2	bc	30.38	-23	44	43	+7	NW	2	ogw	3	44	35	cm, bc	7.2	-	
	Scilly (St. Mary's)	30.49	43	NNW	4	c	30.40	-19	41	38	+5	NNW	3	c	3	46	35	bc, c	8.3	-	
	Jersey (St. Aubins)	30.44	41	NW	3	c	30.34	-20	40	39	+2	WNW	3	o	3	44	34	bc, cm, w, omf	5.5	-	
	Portland Bill ...	30.43	42	NNW	2	cm	30.32	-25	43	43	+9	NW	3	cp	2	43	34	b, cm	7.3	0.02	
	Dungeness ...	30.38	32	WNW	2	f	30.21	-28	40	39	+11	WNW	2	f	2	40	26	cm, cmw	1.7	0.01	
	Dover ...	*	*	*	*	*	30.24	-29	41	40	+10	NNW	2	r	1	41	29	bc, cf, d	3.9	0.01	
	Wick ...	30.11	47	W	4	r	30.11	-09	38	37	-7	N	6	cmf	5	50	36	-	*	0.10	
	Nairn ...	30.19	47	W	2	o	30.21	-11	40	38	-5	W	3	o	2	52	38	c, cd, og	0.7	0.03	
	Aberdeen ...	30.16	49	W	3	r	30.13	-18	39	37	-8	WNW	5	bc	2	52	39	c, o, cp, b	0.0	0.01	
	Leith ...	30.25	48	WSW	4	c	30.23	-20	39	37	-2	W	1	bc	*	49	39	c, o	*	-	
	North Shields	30.28	44	W	4	o	30.21	-22	39	37	+5	W	3	c	2	45	32	c, r	*	0.03	
	Spurn Head ...	30.30	40	W	3	c	30.17	-30	39	39	+8	WNW	4	c	3	41	31	bc, cm, omf, c	*	-	
	Yarmouth ...	30.35	38	W	3	cmw	30.19	-31	42	41	+11	WNW	3	omg	4	42	29	bc, cm	4.7	0.02	
	Clacton-on-Sea ...	30.38	36	WNW	2	c	30.22	-30	38	38	+10	W	2	o	1	38	27	bc, c, bc, c, o	5.2	-	
	Nottingham ...	30.38	42	WNW	3	o	30.24	-29	45	43	+18	WNW	4	o	*	45	27	bf, bc, o	2.1	0.02	
	Bath ...	30.44	35	NW	1	o	30.33	-25	40	39	+18	WSW	1	m	*	42	22	-	2.9	-	
	Oxford ...	30.42	40	NW	2	o	30.30	-28	44	43	+12	NW	3	o	*	44	32	c, OT	*	0.02	
	London (St. James' Park)	30.36	42	2	0	o	30.25	-29	41	40	+14	W	2	omd	*	45	26	o	0.5	0.01	
GERMANY, & C.																					
	The Scaw (Skagen)	29.47	42	WNW	8	bc	29.40	-54	38	35	0	NW	7	bc	2	43	37	*	*	-	
	Fanö ...	29.88	39	SW	6	bc	29.73	-55	36	35	+3	WNW	5	bc	*	39	32	*	*	-	
	Cuxhaven†...	30.18	35	WSW	5	o	29.87	-57	35	96	+7	WNW	4	o	*	37	28	*	*	-	
	The Helder ...	30.29	36	W	2	bc	30.08	-38	38	37	+5	WNW	3	o	2	39	33	*	*	-	
	Brussels ...	*	*	*	*	*	30.19	-28	33	33	+2	WSW	2	r	*	38	31	*	*	0.04	
	Berlin†...	29.93	30	SW	2	o	29.78	-61	36	89	+11	WSW	4	o	*	36	25	*	*	0.12	
	Frankfurt†...	30.33	28	SE	2	bc	30.15	-30	27	96	+2	SW	5	s	*	34	25	*	*	0.04	
	Munich† ...	30.38	18	E	2	bc	30.25	-24	15	91	+6	W	4	c	*	25	19	*	*	-	
FRANCE.																					
	C. Gris Nez ...	30.39	37	N	2	m	30.32	-16	39	39	+5	NNE	2	m	2	39	34	*	*	-	
	La Hève ...	30.48	43	NNE	3	bc	30.39	-18	42	41	+7	NNE	2	f	1	46	35	*	*	0.20	
	Brest ...	30.40	42	NE	4	bc	30.34	-12	37	36	+1	NE	1	o	2	46	36	*	*	-	
	Rochefort ...	30.36	39	NE	4	bc	30.30	-08	36	34	+6	NE	2	o	*	39	30	*	*	-	
	Biarritz ...	30.30	38	ENE	1	c	30.29	-05	32	28	0	ESE	3	o	2	39	30	*	*	-	
	Paris ...	30.39	36	NNE	2	o	30.30	-17	32	31	+8	WSW	2	o	*	39	24	*	*	-	
	Nancy ...	30.30	30	NNE	4	bc	30.25	-17	27	26	+3	NNE	4	o	*	36	24	*	*	-	
	Lyons ...	30.27	31	SW	2	bc	30.32	+07	20	19	-3	W	1	bc	*	36	20	*	*	-	
	Nice ...	30.02	41	E	4	c	30.03	+15	33	28	-7	E	4	bc	3	45	32	*	*	-	
	Perpignan ...	30.17	35	NW	4	bc	30.18	+13	32	28	-4	NW	3	bc	*	42	30	*	*	-	
	Sanguinaire ...	29.86	45	W	3	o	29.94	-45	41	41	SE	3	bc	2	54	39	*	*	-		
SPANISH PENIN.																					
	Corunna ...	30.01	47	NNE	4	bc	30.04	-07	43	37	+1	NE	5	bc	*	54	41	*	*	-	
	Lisbon ...	29.90	58	SSSE	5	r	29.98	-05	55	54	+1	W	1	o	2	59	54	*	*	0.91	
	Azores (P. Delgada)	29.90	58	SSSE	5	r	29.98	-05	55	54	+1	W	1	o	2	59	54	*	*	0.91	

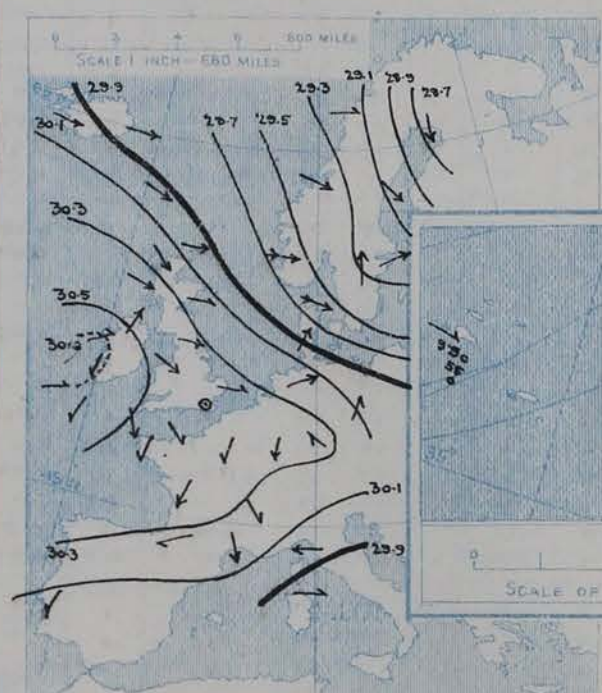


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

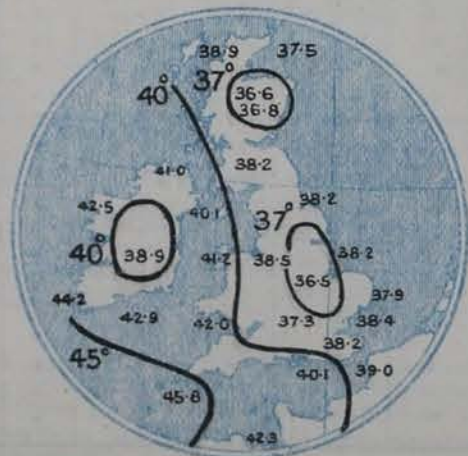
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



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

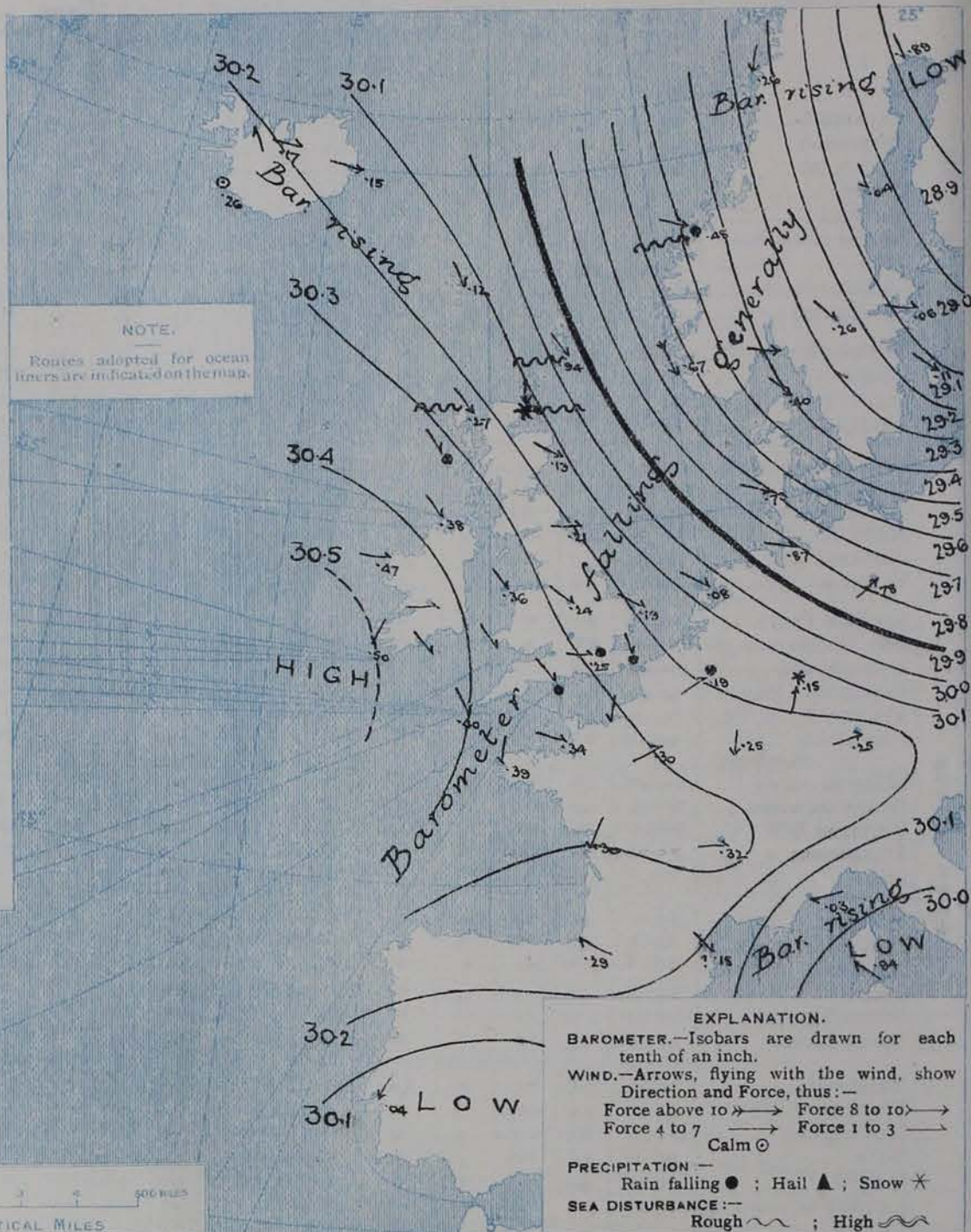


Monday,

WEATHER

15<sup>th</sup> Feb'y.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A very brisk decrease of pressure has occurred over Scandinavia, the Baltic, Germany and Denmark, and a less decided decrease over France and the United Kingdom, while over the Icelandic region a brisk recovery is in progress. The readings range from above 30.4 ins. over the greater part of Ireland to 28.9 ins. in Finland.

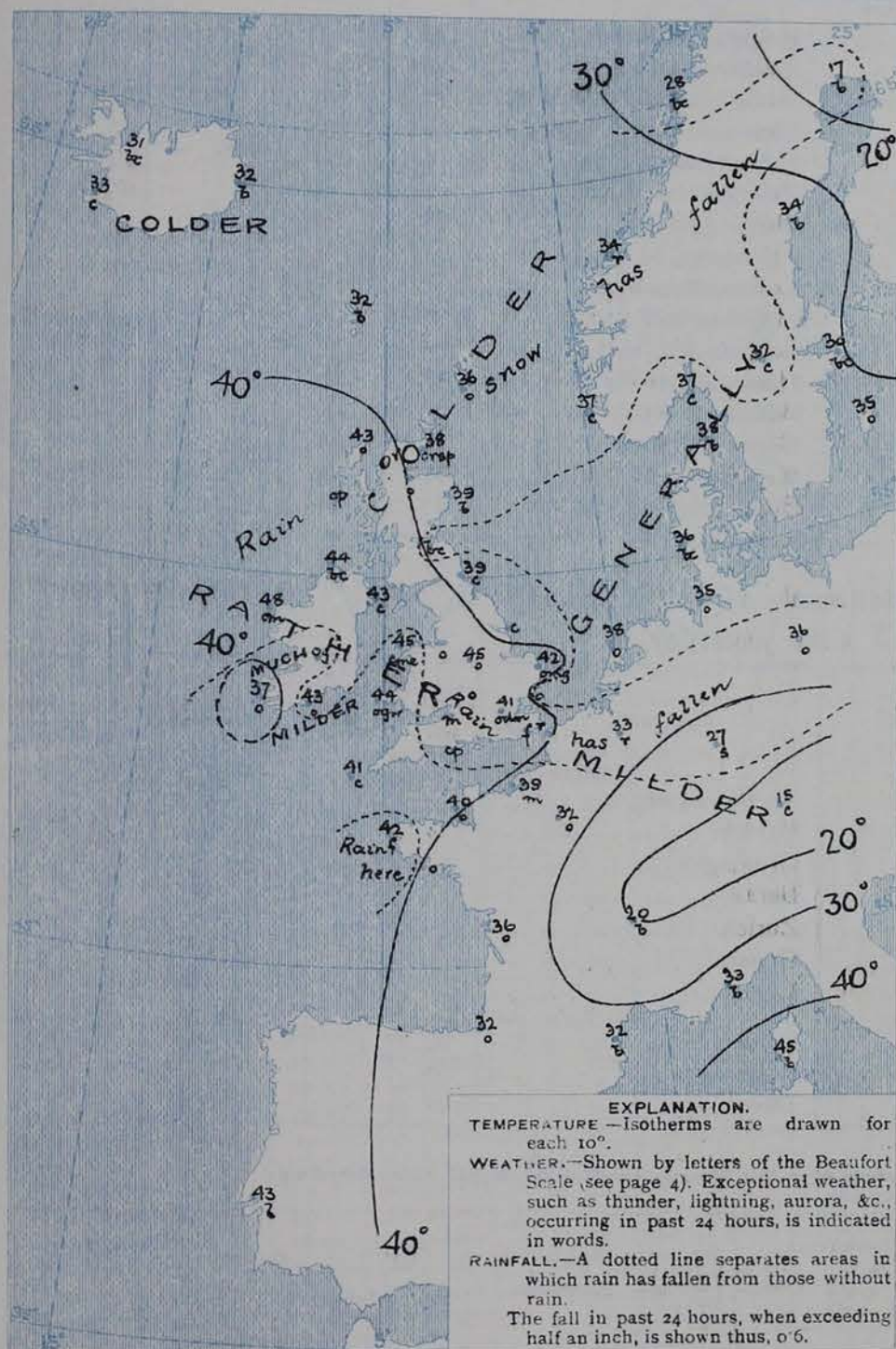
The wind current is mainly North-Westerly. It blows strongly in the north of Scotland, a strong gale at Skudenes, and a high wind at Skagen. Over these Islands generally it has little force. Temperature has risen over Ireland, England, France, the Low Countries and Germany, fallen in Scotland and most of Scandinavia. Over these Islands it ranges from 48° at Blackhead Point to 38° at Wick and Clacton-on-Sea, and to 36° at Lumburgh Head. The sky is very cloudy or quite overcast at most of our own stations and over a large part of the Continent, with slight rain in some parts of the south of England, and showers of sleet, snow or rain in northern Scotland. Rain is also reported at Christiansund and Brussels, and snow at Frankfurt. In the south-east of France and the north-east and east of Scandinavia the weather is fine and bright.



# CHARTS

15<sup>th</sup> February, 1909

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



### NOTES ON YESTERDAY'S WEATHER.

During the past twenty-four hours the thermometer has risen to above 40° in almost all parts of the Kingdom, and to about 50° in some northern localities. Hard frost has continued over South Germany. A little rain was measured this morning in various parts of these Islands. The duration of bright sunshine was rather large on the south, south-west and south-east coasts, and also in the extreme south-west of Ireland.

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

It appears probable that the rise of the barometer which has commenced in Iceland will extend eventually to the United Kingdom, while the wind will continue between North-West and north, and blow freshly or strongly at times in the north and north-west. A decrease of temperature is likely to set in before the ensuing twenty-four hours have elapsed.

## 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 } Northerly and North-Westerly winds, fresh or strong to moderate; unsettled snow or sleet showers, fair intervals; colder.
- 1 { a } North-Westerly to Northerly winds, light or moderate; changeable, some showers; moderate temperature.
- 2 { a } Wind mainly between North-West and North, light or moderate; cloudy or overcast to fair, some slight rain locally; temperature rather high or moderate, then decreasing again.
- 3 { a } Same as No. 0.
- 4 { a } North-Westerly and Northerly winds, generally light or moderate; cloudy or dull to fair; moderate or rather low temperature.
- 5 { a } Wind mainly between North and West, generally light; mostly fair, overcast at times, some mist; temperature falling later.
- 6 { a }
- 7 { a }
- 8 { a }
- 9 { a }
- 10 { a }

### WESTERN CHANNEL AND BAY.

Wind light or moderate between North and North-West; sea slight; cloudy or overcast, some mist.

### FORECAST DISTRICTS.

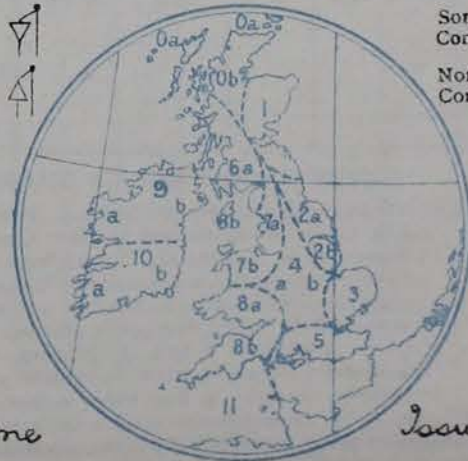
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—  
 Signals hoisted yesterday.      Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.





# DAILY WEATHER REPORT.

Monday, 15th February, 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....	40	28	b, x, c	*	-	Brighton, to 6 p.m. ...	38	28	*	3.5	-
Rossall Beach, to 6 p.m....	41	34	c, o	*	-	Eastbourne, to 6 p.m. ...	37	29	*	3.0	-
Blackpool, to 9 p.m. ...	41	33	o	0.0	0.02	Bexhill-on-Sea, to 9 p.m.	37	30	cm	3.0	-
Southport, to 9 p.m. ...	41	33	o, omv	0.0	-	Hastings ... ..	*	*	*	3.5	*
Rhyl, to 6 p.m. ... ..	44	34	*	0.0	-	Folkestone, to 6 p.m. ...	37	29	b, bc, m	2.4	-
Colwyn Bay, to 6 p.m. ...	43	35	c, r	0.4	-	Ramsgate, to 6 p.m. ...	*	*	*	2.4	-
Llandudno, to 9 p.m. ...	43	30	c, o	0.7	0.01	Margate, to 6 p.m. ...	37	33	f	1.5	-
Bettws-y-Coed, to 6 p.m.						Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m. ... ..	44	23	bc, o	2.8	-	Lowestoft, to 6 p.m. ...	40	30	c, bc, c	4.6	-
Aberystwyth, to 6 p.m. ...	41	25	*	1.3	-	Skegness, to 6 p.m. ...	44	26	bc, c	2.5	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	41	30		3.6	-
Torquay, to 6 p.m. ... ..	47	26	*	7.3	-	Harrogate, to 6 p.m. ...	44	27	b, bc, c, o	4.0	-
Weymouth, to 6 p.m. ...	42	28	bc	7.3	-	Buxton, to 6 p.m. ... ..					
Bournemouth, to 6 p.m. ...	40	26	bc, b	5.8	-	Darwen, to 9 p.m. ... ..					
Southsea, to 6 p.m. ... ..	40	27	*	3.2	-	Manchester, to 9 p.m. ...	42	29	o, od	0.0	-
Worthing, to 6 p.m. ... ..	40	27	m, b, c	4.4	-	Birmingham, to 9 p.m. ...	42	29	o	0.0	-

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

STATIONS. <i>14th Feb. 1909.</i>	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. <i>14th Feb. 1909.</i>	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
	o	o		Ins.		o	o		Ins.
Madeira ... ..	Observations not received.				St. Petersburg ... ..				
Marseilles ... ..					Utrecht ... ..				
Malta ... ..					Groningen ... ..				
Algiers ... ..					Berne ... ..				
Tunis ... ..					Zurich ... ..				
Palermo ... ..					Geneva ... ..				
Naples ... ..					Lugano ... ..				
Brindisi ... ..					<i>13th Feb. 1909.</i>				
Florence ... ..					Coire ... ..	1.30 p.m. 32		1.30 p.m. o	Measured 7.30 a.m.
Rome ... ..					Castasegna ... ..	34		f	o.24
Vienna ... ..					Davos ... ..	23		o	-

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
New York	49 N.	8 W.	30.63	NE	4-5	-					Mauretania	51 N.	11 W.	30.60	NNW	1-3	-
	49 N.	9 W.	30.59	NE	4-5	b						50 N.	12 W.	30.56	NE	4-5	bc
	49 N.	10 W.	30.58	NE	4-5	-											
	49 N.	12 W.	30.56	NE	4-5	bc											
Mauretania	51 N.	11 W.	30.60	NNW	1-3	-					Mauretania	50 N.	12 W.	30.59	WSW	4-5	bc
	50 N.	12 W.	30.59	WSW	4-5	bc											

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

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- \* Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday  
16 February 1909.

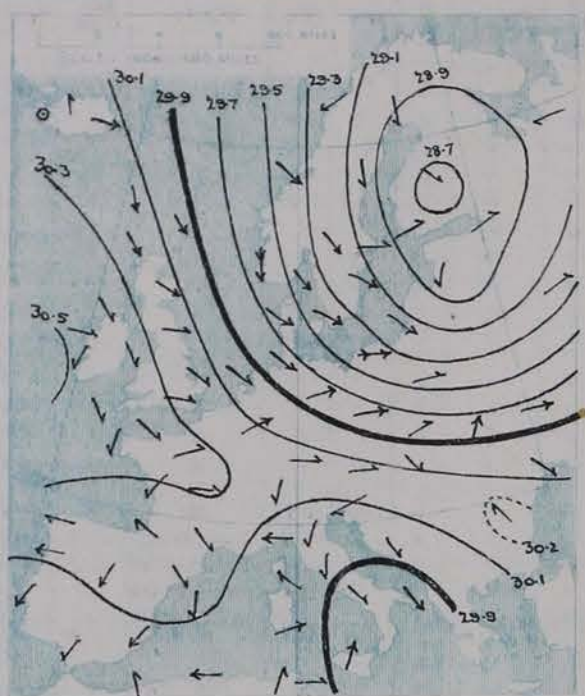
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.			Wind.						Temp.		Weather.	Sun-shine.	Rainfall.
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.		Hours.	Ins.
		Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	"	"
SCANDINAVIA.	Haparanda...	29.08	19	N	6	bc	29.18	+29	14	14	-3	N	6	0	*	?	14	*	*	*	*
	Hernösand...	29.31	24	NW	8	b	29.44	+40	16	14	-18	N	2	0	*	?	34	216	*	*	*
	Stockholm...	29.32	30	N	4	c	29.45	+39	19	17	-11	WNW	2	0	*	?	36	219	*	*	*
	Wisby...	29.30	34	NW	8	0	29.45	+34	28	26	-7	N	6	0	*	?	36	228	*	*	*
	Karlstad...	29.53	31	NW	2	b	29.56	+30	28	24	-4	NW	4	bc	*	*	*	*	*	*	*
	Færder (X'ania Fjord)	29.57	35	NW	4	b	29.62	+26	33	29	-4	NNW	4	bc	2	39	32	*	*	*	*
	Bodö...	29.45	25	NE	4	b	29.56	+30	25	?	-3	NE	4	0	2	28	19	*	*	*	*
ICELAND & FAEROE.	Christiansund...	29.72	32	NNW	5	c	29.74	+26	29	27	-6	NNW	6	0	5	36	28	*	*	*	0.16
	Skudenes...	29.82	36	NNW	6	c	29.79	+12	32	29	-5	WSW	6	0	2	37	30	*	*	*	*
	Reykjavik...	30.09	35	E	5	c	29.80	-46	41	*	+8	SE	5	0	*	*	*	*	*	*	*
	Blönduós...	30.17	30	SW	3	0	29.87	-39	39	*	+8	S	3	0	*	*	*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	30.20	20	SW	2	b	29.99	-16	26	*	-6	2	0	0	*	*	*	*	*	*	*
	Thorshavn...	30.22	34	N	5	bc	30.16	+04	35	*	+3	2	0	0	*	*	*	*	*	*	*
	Sumburgh Head	30.10	35	N	3	c	30.08	+14	35	32	-1	N	4	0	4	38	32	c	*	0.03	
	Stornoway...	30.29	40	NW	4	c	30.26	-01	40	29	-3	NW	3	0	3	43	37	c, cf, bc, cm	0.0	0.05	
	Castleb. (Barra Id.)	30.33	44	NW	3	0	30.28	-08	44	41	-1	NNE	2	0	2	47	41	cf, bc, cm, cm	2.2	0.02	
	Malin Head...	30.32	45	W	3	c	30.27	-11	45	42	+1	W	2	ogm	1	45	42	cm, b, bc, bc	*	*	
	Blacksod Pt.	30.45	47	NNW	3	0	30.32	-15	44	44	-4	WNW	2	c	1	50	43	bc, bc, cm	*	0.10	
	Valencia...	30.39	48	N	3	0	30.33	-17	41	40	+4	NE	1	0	4	57	35	c, b, bc, 0	1.8	*	
	Roche's Point...	30.36	48	N	3	om	30.34	-11	43	43	0	NE	1	0	1	48	42	om, ord	*	0.03	
	Birr Castle...	30.37	47	W	2	0	30.32	-12	41	40	-2	2	0	0	*	49	39	0, cf	0.0	0.02	
	Donaghadee...	30.32	43	NW	4	c	30.30	-07	35	35	-8	WSW	2	0	1	49	35	bc, bc, bc	*	*	
	Liverpool Obsy...	30.26	42	W	4	bc	30.29	-04	36	34	-5	W	2	0	1	45	34	cm, b	6.5	*	
	Holyhead...	30.30	45	N	3	c	30.29	-07	45	45	0	SW	1	cm	1	45	39	bc, c	*	*	
	Pembroke (St. Ann's Hd.)	30.31	42	NNE	3	b	30.29	-09	42	40	-2	NNW	3	cg	3	57	40	ogm, bc	5.3	*	
	Scilly (St. Mary's)	30.32	47	N	1	0	30.29	-11	45	42	+4	NE	2	c	3	48	40	0	0.4	*	
	Jersey (St. Aubins)	30.24	46	WNW	2	c	30.24	-10	39	37	-1	NE	3	bc	3	50	38	omg, c, cm, cm	0.0	*	
	Portland Bill...	30.23	47	NW	2	bc	30.26	-06	38	37	-5	NW	2	0	2	50	35	b, bc	4.0	*	
	Dungeness...	30.13	41	N	2	bc	30.17	-04	30	29	-10	NNW	2	bc	3	48	27	cm, bc, cf, bc	2.0	0.02	
GERMANY, & C.	Dover...	*	*	*	*	*	30.20	-04	31	31	-10	N	2	0	47	31	or, c, bc, ed, bc	1.8	0.02		
	Wick...	30.16	38	N	4	0	30.15	+04	37	35	-1	N	2	bc	3	41	34	-	*	0.10	
	Nairn...	30.25	38	WNW	2	c	30.23	+02	37	35	-3	W	1	0	1	43	33	bc, bc, c	0.4	0.01	
	Aberdeen...	30.20	35	NNW	3	bc	30.18	+05	37	34	-2	WNW	3	0	2	42	34	bc, bc, bc, bc	2.5	0.03	
	Leith...	30.21	42	WNW	2	c	30.23	-00	36	34	-3	W	1	bc	*	46	35	bc, c, c, cf, c	*	0.01	
	North Shields	30.17	38	WNW	3	c	30.20	-01	36	33	-3	W	2	0	2	47	31	c, r	*	0.03	
	Spurn Head...	30.13	41	NNW	4	0	30.16	-01	34	33	-5	NNW	4	0	4	43	33	bc, cf, s, s	*	0.03	
	Yarmouth...	30.11	40	NNW	3	bc	30.16	-03	33	33	-9	NNW	2	0	4	46	32	bc, bc, bc, st	4.1	0.05	
	Clacton-on-Sea	30.16	43	WNW	2	0	30.19	-08	32	32	-6	WNW	3	0	1	47	32	0, c, bc, bc	4.5	0.03	
	Nottingham...	30.21	43	WNW	4	c	30.25	+01	33	31	-12	NW	2	bc	*	47	33	0, bc, bc, b	2.6	*	
	Bath...	30.26	44	W	2	b	30.29	-04	28	28	-12	NE	1	m	*	52	26	-	4.7	*	
	Oxford...	30.23	38	NW	3	b	30.28	-02	31	30	-13	NW	2	0	*	48	31	b	*	*	
	London (St. James's Pk)	30.19	44	NW	3	bc	30.22	-03	35	33	-6	NNE	2	bc	*	50	34	c, b, bc	2.2	*	
	The Scaw (Skagen)	29.61	39	N	6	b	29.63	+23	33	32	-5	NNE	3	0	1	41	32	*	*	*	*
	Fanø...	29.73	33	NW	4	b	29.75	+02	33	32	-3	NW	4	0	*	37	30	*	*	*	*
	Cuxhaven...	29.74	36	NW	5	b	29.84	-03	34	30	-1	NW	4	og	*	39	34	*	*	0.08	
	The Helder...	29.99	37	NNW	4	bc	30.04	-04	35	34	-3	N	2	0	3	39	34	*	*	*	*
FRANCE.	Brussels...	*	*	*	*	*	30.12	-07	31	31	-2	NW	1	0	*	41	30	*	*	0.04	
	Berlin...	29.62	34	W	4	c	29.75	-03	30	30	-6	W	3	0	*	41	28	*	*	*	*
	Frankfurt...	29.93	37	NW	3	b	29.98	-17	38	39	+11	W	1	c	*	39	27	*	*	0.04	
	Munich...	30.00	28	W	6	c	29.97	-28	28	100	+13	NW	3	s	*	30	210	*	*	*	*
	C. Gris Nez...	30.13	41	N	2	c	30.19	-01	36	35	-4	NNW	4	0	4	45	36	*	*	0.04	
	La Hève...	30.23	43	NW	2	m	30.20	-12	36	34	-3	NE	2	0	3	46	32	*	*	*	*
	Brest...	30.32	47	N	2	0	30.26	-13	42	41	0	NE	1	0	1	48	41	*	*	*	*
	Lorient...	30.24	45	WNW	3	0	30.19	-15	41	40	+4	NE	3	bc	1	46	37	*	*	*	*
	Rochefort...	30.24	45	NNW	3	c	30.18	-12	39	39	+3	NE	3	bc	*	46	36	*	*	*	*
	Biarritz...	30.26	39	WSW	2	b	30.19	-10	39	36	+7	SSE	2	0	2	45	32	*	*	*	*
	Paris...	30.16	39	NW	2	0	30.15	-15	38	32	+1	N	3	0	*	39	32	*	*	0.08	
	Nancy...	30.12	34	SSW	4	0	30.13	-12	32	30	+5	SSW	4	bc	*	36	27	*	*	*	*
	Lyons...	30.20	33	NNW	1	0	30.09	-23	33	32	+13	N	1	0	*	37	20	*	*	0.04	
	Nice...	29.89	40	E	2	b	29.67	-26	38	32	+6	2	0	0	2	52	23	*	*	*	*
	Perpignan...	30.08	38	NNW	4	0	29.97	-21	40	34	+8	W	2	0	*	46	32	*	*	*	*
	Sanguinaire...	29.90	48	NW	4	c	29.89	-05	48	45	+3	E	3	0	4	52	41	*	*	*	*
SPANISH PENIN.	Corunna...	30.22	50	ENE	3	b	30.23	-04	37	36	-9	NE	1	0	3	52	34	*	*	*	*
	Lisbon...	30.06	50	NE	4	b	30.11	+07	42	37	-1	NNE	4	0	*	54	41	*	*	*	*
	Azores (P. Delgada)...	29.98	59	SSW	2	c	29.96	+06	58	56	+3	S	1	0	2	63	25	*	*	*	*



# SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

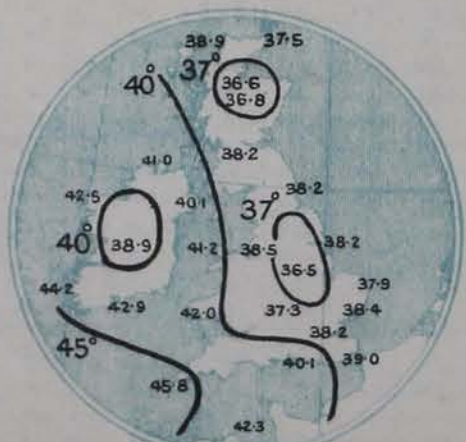
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

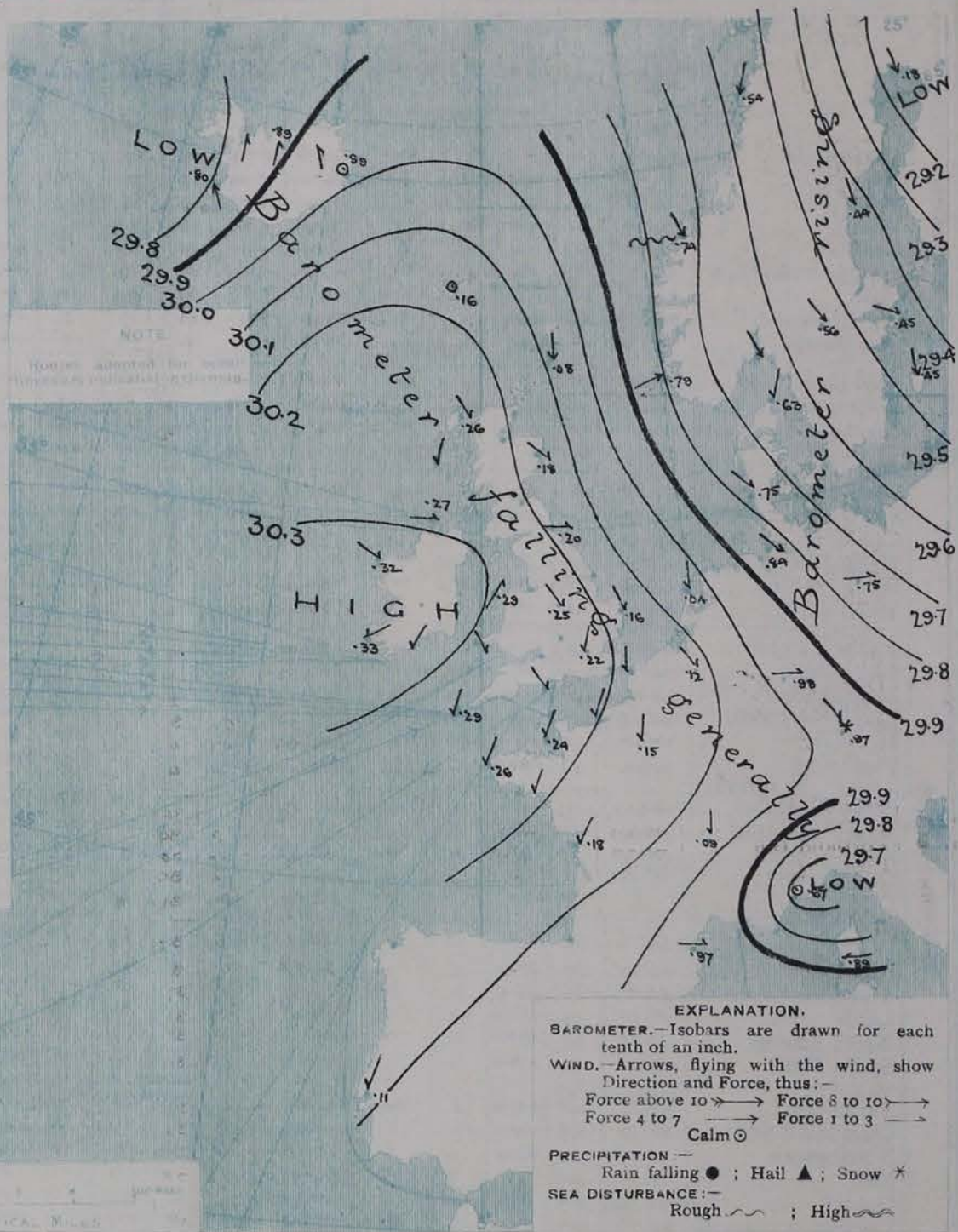


Tuesday.

WEATHER

16<sup>th</sup> Feb'y.

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 barometer is at present rising over Scandinavia and Denmark, and falling over the greater part of the United Kingdom and France, while a fresh fall has set in during the night in Iceland.

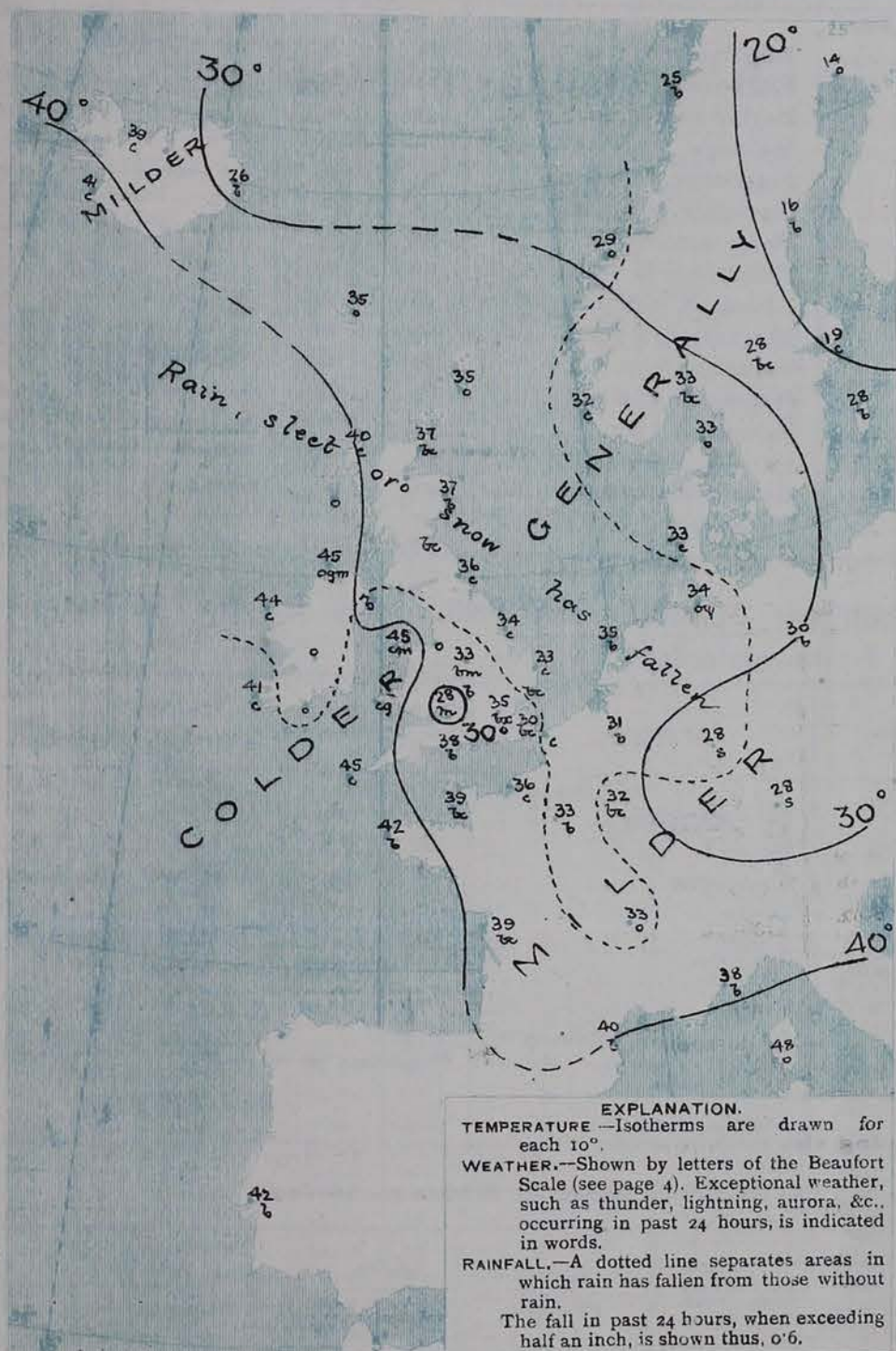
The general current of wind over the United Kingdom and the north-western countries of the Continent is northerly to north-westerly, but at some of our own stations it is westerly, a strong breeze is blowing on the coast of Norway and at Wisby. In Iceland a light to fresh breeze from south-east prevails. Temperature has fallen over these Islands, and is a little below the freezing point in some parts of central England. In most parts of Ireland and on the Welsh coast the readings are above 40°. Fair or fine weather is reported from most places both in these Islands and on the Continent, but the sky is overcast in some localities, and at Munich snow is falling.



# CHARTS

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

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



### NOTES ON YESTERDAY'S WEATHER

During yesterday the temperature rose to about 50° in several parts of the United Kingdom, but frost was experienced during the night in many parts of England. At Bath the sheltered thermometer fell to 26°, and at Oxford the instrument on the grass fell to 20°. Slight showers of rain, sleet, or snow have fallen in the east and north-east, and at some western and north-western stations. Several hours of bright sunshine were recorded in different parts of the Kingdom, the highest record being 6.5 hours at Liverpool.

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

The changes in progress appear too slight to lead to any great alteration in the general distribution of pressure during the ensuing twenty-four hours. It is probable, however, that a fresh fall of the barometer in the Icelandic region will cause the wind to become more westerly in Scotland.

## FORECASTS

For the 24 hours commencing at  
NOON TO DAY.

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

- 0 } Wind backing to North-West or West, light or moderate to fresh; fair, then some showers; moderate temperature.
- 1 } Wind between North-West and West, light; fair generally, becoming unsettled later; rather low or moderate temperature.
- 2 }
- 3 }
- 4 } Light winds, mainly between North and North-West; generally fair or fine; temperature rather low.
- 5 }
- 6 } Same as No. 0.
- 7 } North-Westerly and Westerly winds, light; fair to cloudy or dull; rather low to moderate temperature.
- 8 } Northerly to North-Westerly winds, light or moderate; mostly fair or fine; temperature rather low to moderate.
- 9 } Wind light or moderate between North and West; mostly cloudy or overcast, some rain in north; moderate temperature.
- 10 }

### 11 WESTERN CHANNEL AND BAY



Northerly or North-Easterly winds, light or moderate; sea slight or smooth; fair or fine generally, some mist.



### FORECAST DISTRICTS.

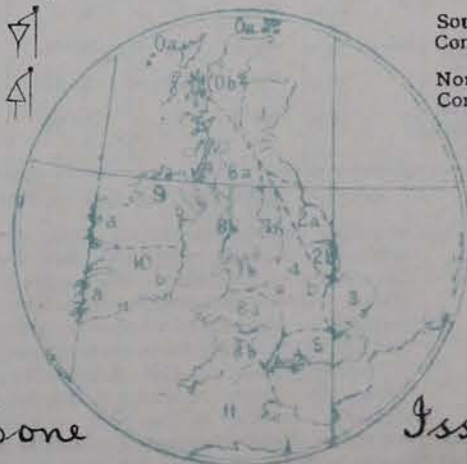
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.   
North Cone. 

South Cone.   
North Cone. 



Done

Issued.



## DAILY WEATHER REPORT.

Tuesday, 16th February 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	39	op, c, bc	*	0.01	Brighton, to 6 p.m. ...	52	31	*	2.0	-
Rossall Beach, to 6 p.m....	43	39	c, o, c	*	0.01	Eastbourne, to 6 p.m. ...	50	37	*	2.2	0.02
Blackpool, to 9 p.m. ...	44	39	c, o, c	5.6	-	Bexhill-on-Sea, to 9 p.m.	50	31	m	1.7	0.01
Southport, to 9 p.m. ...	44	40	or, c, b	6.4	0.01	Hastings ... ..	*	*	*	2.2	*
Rhyl, to 6 p.m. ... ..	45	41	*	5.0	-	Folkestone, to 6 p.m. ...	47	29	o, bc	1.7	0.01
Colwyn Bay, to 6 p.m. ...	47	34	bc, b, bc, c	4.0	-	Ramsgate, to 6 p.m. ...	*	*	*	3.1	-
Llandudno, to 9 p.m. ...	47	40	op, c, o	0.8	-	Margate, to 6 p.m. ...	42	33	f, b, o	2.2	0.01
Bettws-y-Coed, to 6 p.m.	47	39	c, b, bc	3.5	*	Felixstowe, to 6 p.m. ...	48	41	-	4.8	-
Towyn, to 6 p.m. ... ..	47	38	r, o, bc	2.3	0.02	Lowestoft, to 6 p.m. ...	46	36	op, c	4.0	-
Aberystwyth, to 6 p.m. ...	45	41	*	0.7	-	Skegness, to 6 p.m....	47	41	c, bc, c	4.2	-
Plymouth, to 9 p.m. ...	50	39	o, bc	2.4	-	Scarborough, to 9 p.m. ...	50	41	bc, o, c	4.0	-
Torquay, to 6 p.m....	51	30	*	2.6	-	Harrogate, to 6 p.m. ...	46	37	or, bc, b	5.6	0.04
Weymouth, to 6 p.m. ...	51	35	m, c, bc	4.0	0.01	Buxton, to 6 p.m. ... ..	42	37	bc, b, od, c	0.9	0.07
Bournemouth, to 6 p.m....	52	31	c, bc, b	3.8	-	Darwen, to 9 p.m. ... ..	42	34	ond, bc	3.9	0.03
Southsea, to 6 p.m....	51	35	*	2.2	0.01	Manchester, to 9 p.m. ...	45	40	o, od, c, o, b	0.2	0.12
Worthing, to 6 p.m. ...	52	29	m, b, cm	3.5	0.01	Birmingham, to 9 p.m....	46	38	c, b	2.3	0.02

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

STATIONS. 15th February 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 15th February 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ... ..	63	50	o, b	Ins.	St. Petersburg ... ..	28	10	s, o	0.20
Marseilles ... ..	39	27	b, b	-	Utrecht ... ..	29	34	o, f	0.08
Malta ... ..	not	recd.			Groningen ... ..	39	34	bc, o	0.04
Algiers ... ..	61	46	bc, o	0.04	Berne ... ..	*	*	bc, bc	-
Tunis ... ..	68	37	c, b	0.16	Zurich ... ..	*	*	b, bc	-
Palermo ... ..	53	40	b, bc	0.32	Geneva ... ..	*	*	b, bc	-
Naples ... ..	50	35	r, b	-	Lugano ... ..	*	*	b, bc	-
Brindisi ... ..	50	35	o, b	-	Coire ... ..	1.30 p.m.	1.30 p.m.	Measured	7.30 a.m.
Florence ... ..	40	33	b, b	-	Castasegna ... ..	Observations not received.			
Rome ... ..	51	34	o, b	-	Davos ... ..	*	*		
Vienna ... ..	28	19							

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Dry Bulb.			Lat.	Long.		Dir.	Force.	
11th Feb. 4 a.m.	50 N	28 W	29.96	S	4-5						13th Feb. 3 p.m.	50 N	14 W	30.55	SE	1-3	
" " 7 a.m.	50 N	29 W	29.93	WSW	4-5	c					" " 6 p.m.	50 N	15 W	30.53	SE	4-5	b
" " 3 p.m.	50 N	30 W	29.93	WSW	6-7						Montezuma 14th. 4 a.m.	50 N	18 W	30.55	ESE	1-3	
" " 6 p.m.	50 N	31 W	29.92	W	6-7	c					" " 7 a.m.	50 N	19 W	30.57	ESE	1-3	b
Montezuma 12th. 4 a.m.	50 N	32 W	30.12	W	4-5						Empress of " " 4 a.m.	51 N	17 W	30.69	SE	1-3	
" " 7 a.m.	50 N	33 W	30.15	WSW	4-5	o					Britain " " 7 a.m.	51 N	19 W	30.62	S	1-3	c
" " 3 p.m.	49 N	35 W	30.21	SW	4-5						" " 10 a.m.	50 N	18 W	30.72	SE	1-3	
" " 6 p.m.	49 N	35 W	30.21	SW	4-5	b					" " 1 p.m.	50 N	20 W	30.71	ESE	1-3	o
Teutonic. 13th. 4 a.m.	49 N	25 W	30.48	NE	1-3						" " 3 p.m.	50 N	21 W	30.67	SE	4-5	
" " 7 a.m.	49 N	27 W	30.51	NE	1-3	b					" " 6 p.m.	49 N	22 W	30.62	E	10-11	o
Prinz Friedrich rick Wilhelm " " 7 a.m.	48 N	25 W	30.43	N	2						15th. 10 a.m.	51 N	14 W	30.50	ENE	1-3	
											" " 1 p.m.	51 N	13 W	30.43	ENE	1-3	o
											" " 3 p.m.	51 N	11 W	30.37	NNE	1-3	
											" " 6 p.m.	51 N	10 W	30.27	NNE	1-3	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. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

(Wednesday)  
17th February 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 82° Fahr. and M.S.L.	Dry Bulb.	Dir.					Change since Yesterday.	Dry Bulb.				Wet Bulb.	Change since Yesterday.
SCANDINAVIA.		Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	"	
Haparanda...		29.40	18	N	4	6	29.57	+0.39	12	12	-2	N	4	6	*	19	312	*	*	-	
Hernösand...		29.58	18	N	4	6	29.73	+0.29	14	13	-2	Z	0	6	*	23	314	*	*	-	
Stockholm...		29.58	16	W	4	6	29.69	+0.24	15	13	-4	NW	4	0	*	30	315	*	*	-	
Wisby...		29.57	24	N	6	6	29.67	+0.22	23	20	-5	NNW	6	6	*	30	23	*	*	0.01	
Karlstad...		29.72	21	Z	0	6	29.86	+0.30	29	29	+1	N	2	6	*	*	*	*	*	-	
Färder (X'iania Fjord)		29.77	31	NNW	4	6	29.92	+0.20	29	25	-4	NW	2	6	1	34	28	*	*	-	
Bodö...		29.71	24	Z	0	6	29.77	+0.21	21	19	-4	E	1	6	2	27	19	*	*	-	
Christiansund...		29.87	31	N	5	5	29.89	+0.15	30	29	+1	NNW	3	5	5	31	28	*	*	0.20	
Skudesnaes...		29.93	31	N	4	5	29.92	+0.13	29	28	-3	NNE	2	5	2	34	28	bc, c	*	-	
ICELAND & FAEROE.																					
Reykjavik...		29.45	44	SE	6	7	29.25	-0.58	30	*	-11	W	5	5	*	*	*	*	*	*	
Blönduós...		29.56	42	S	5	5	29.37	-0.50	31	*	-8	E	5	5	*	*	*	*	*	*	
Seydisfjord...		29.78	36	ESE	1	6	29.51	-0.48	39	*	+13	Z	0	6	*	*	*	*	*	*	
Thorshavn...		30.04	42	SW	1	7	29.84	-0.32	41	*	+6	SW	2	0	*	*	*	*	*	*	
BRITISH ISLANDS.																					
Sumburgh Head		30.09	34	N	1	0	29.98	-0.10	40	39	+5	W	1	0	1	40	31	c, o	*	-	
Stornoway...		30.16	42	SW	1	0	29.97	-0.29	42	41	+2	S	4	0	4	45	38	om, o, b, p	0.0	0.02	
Castlebay (Barra Id.)		30.17	44	W	2	0	29.97	-0.31	45	44	+1	S	3	0	3	47	42	o, cm, p, o, b, p	1.3	0.14	
Malin Head...		30.18	43	S	1	cm	29.97	-0.30	42	41	-3	S	3	0	3	47	41	bc, p, om, g	*	0.01	
Blacksod Pt. ...		30.22	45	Z	0	c	29.94	-0.38	46	44	+2	S	4	0	3	49	43	bc	*	0.01	
Valencia...		30.20	47	SSE	2	c	29.98	-0.35	46	44	+5	SSE	3	0	4	52	40	bc, c, b, r	4.4	0.05	
Roche's Point...		30.25	45	S	1	c	30.06	-0.28	46	43	+3	SW	3	0	3	47	42	c, o	*	-	
Birr Castle...		30.22	44	Z	0	0	30.03	-0.29	40	39	-1	Z	0	0	*	46	38	o	0.0	-	
Donaghadee...		30.23	43	WSW	1	0	30.11	-0.19	40	40	+5	SSW	1	0	1	46	35	bc, bc, om, o, g	*	-	
Liverpool Obsy...		30.24	37	W	1	bc	30.15	-0.14	31	30	-5	S	1	c	1	43	30	b, c	6.2	-	
Holyhead...		30.24	44	N	1	c	30.13	-0.16	42	41	-3	S	1	om	1	46	39	c	*	-	
Pembroke (St. Ann's Hd.)		30.24	42	N	2	bc	30.12	-0.17	43	39	+1	SW	3	ofg	2	47	37	cg, bc	4.7	0.01	
Scilly (St. Mary's)		30.24	44	SW	1	0	30.11	-0.18	44	42	-1	S	2	0	2	49	42	c	0.2	-	
Jersey (St. Aubins)		30.25	42	NNW	3	6	30.19	-0.05	41	37	+2	SE	3	0	3	46	36	c, bc, c, om	8.3	-	
Portland Bill...		30.23	40	NNW	1	6	30.17	-0.09	40	38	+2	Z	0	0	0	45	35	b	8.5	-	
Dungeness...		30.15	39	NNW	2	0	30.11	-0.06	34	32	+4	NW	2	c	3	43	26	c, o, c	5.0	-	
Dover...		*	*	*	*	*	30.15	-0.05	36	34	+5	WNW	2	0	2	42	31	bc, bc, c, o	4.4	-	
Wick...		30.11	41	N	2	c	30.00	-0.15	39	38	+2	W	1	0	3	45	36	-	*	0.05	
Nairn...		30.15	41	Z	0	c	30.03	-0.20	36	35	-1	Z	0	0	1	44	34	c, cp, o	0.0	0.01	
Aberdeen...		30.14	40	NW	2	c	30.05	-0.13	37	35	0	SSW	1	c	2	42	36	bc, c	2.1	-	
Leith...		30.15	42	W	1	c	30.12	-0.11	32	31	-4	W	1	bc	*	46	31	bc, c, o	*	-	
North Shields		30.14	41	NW	3	0	30.10	-0.10	37	35	+1	SW	2	c	2	44	32	c, o	*	-	
Spurn Head...		30.11	38	WNW	4	c	30.10	-0.06	36	35	+2	WNW	3	0	3	40	34	c, om	*	-	
Yarmouth...		30.13	38	WNW	4	0	30.12	-0.04	34	34	+1	WNW	2	bc	4	39	33	c, o	0.8	0.04	
Clacton-on-Sea...		30.15	38	WNW	3	0	30.14	-0.05	35	33	+3	WNW	2	0	1	42	31	bc, c, o	4.1	-	
Nottingham...		30.19	40	NW	2	c	30.15	-0.10	32	31	-1	WNW	2	om	*	42	31	b, o, cm	6.4	-	
Bath...		30.23	39	NW	1	m	30.18	-0.11	30	30	+2	NE	1	m	*	44	28	-	7.0	-	
Oxford...		30.23	35	NW	2	0	30.19	-0.09	28	27	-3	WSW	1	m	*	42	28	om, o, cm	*	-	
London (St. James's Pk)		30.18	40	N	2	c	30.15	-0.07	33	32	-2	WSW	1	cx	*	42	31	o, bc, c	2.1	-	
GERMANY, & C.																					
The Scaw (Skagen)		29.77	34	NNE	6	6	29.86	+0.23	32	30	-1	NNE	4	6	1	36	32	*	*	-	
Fanö...		29.85	27	N	1	6	29.93	+0.18	24	24	-9	N	2	bc	*	37	324	*	*	-	
Cuxhaven†...		29.79	33	NW	4	6	29.95	+0.11	31	32	-3	N	1	bc	*	36	30	*	*	-	
The Helder...		29.99	36	N	4	6	30.08	+0.04	35	34	0	N	1	0	1	37	34	*	*	0.04	
Brussels...		*	*	*	*	*	30.11	+0.01	33	32	+2	NW	1	0	*	41	30	*	*	0.04	
Berlin†...		29.66	31	WNW	2	bc	29.87	+0.12	25	24	-5	NW	3	6	*	36	23	*	*	0.12	
Frankfurt†...		29.92	34	SW	4	0	30.02	+0.04	32	32	-6	NW	2	5	*	41	30	*	*	-	
Munich†...		29.99	27	W	5	m	29.98	+0.01	26	100	-2	NNW	4	5	*	32	25	*	*	-	
FRANCE.																					
C. Gris Nez...		30.16	41	NW	4	0	30.15	-0.04	37	36	+1	NNW	2	0	3	41	36	*	*	-	
La Hève...		30.21	38	N	3	bc	30.19	-0.01	39	36	+3	N	1	0	1	41	34	*	*	-	
Brest...		30.26	46	NNE	1	c	30.19	-0.07	42	40	0	ESE	4	m	2	48	39	*	*	-	
Lorient...		30.21	44	N	1	c	30.17	-0.02	38	36	-3	ESE	4	0	2	50	37	*	*	-	
Rochefort...		30.21	43	NE	3	6	30.26	+0.08	35	34	-4	Z	0	0	2	50	32	c, b	*	-	
Biarritz...		30.19	43	E	3	0	30.28	+0.01	32	31	-7	E	4	6	2	46	32	*	*	-	
Paris...		30.17	37	N	2	0	30.17	+0.02	36	33	+3	WNW	1	0	*	42	33	*	*	-	
Belfort...		30.01	34	E	1	m	30.11	-0.11	29	28	-2	W	2	5	*	36	27	*	*	-	
Lyons...		30.13	33	N	2	bc	30.20	+0.11	31	27	-2	NW	1	6	*	37	28	*	*	2.01	
Nice...		29.79	39	E	4	6	29.90	+0.23	33	27	-5	E	4	6	2	48	30	*	*	-	
Perpignan...		30.07	41	NW	4	6	30.13	+0.16	37	32	-3	NW	2	6	*	48	34	*	*	-	
Sanguinaire...		29.74	47	SE	6	0	29.80	-0.09	47	43	-1	N	4	m	6	57	36	*	*	0.79	
SPANISH PENIN.																					
Corunna...		30.09	48	NNW	4	6	30.08	-0.03	40	37	-2	NNE	3	0	*	54	39	*	*	-	
Lisbon...		29.95	58	S	3	6	29.81	-0.18	57	56	0	WSW	4	6	3	61	54	*	*	0.12	
Azores (P. Delgada) F.		29.92	58	WNW	3	6	29.77	-0.19	58	56	0	SE	5	0	2	63	58	*	*	0.04	



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

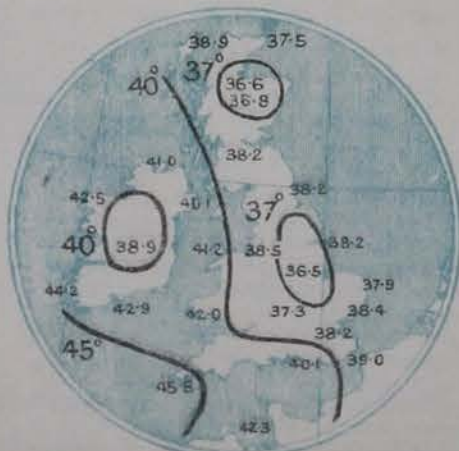
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

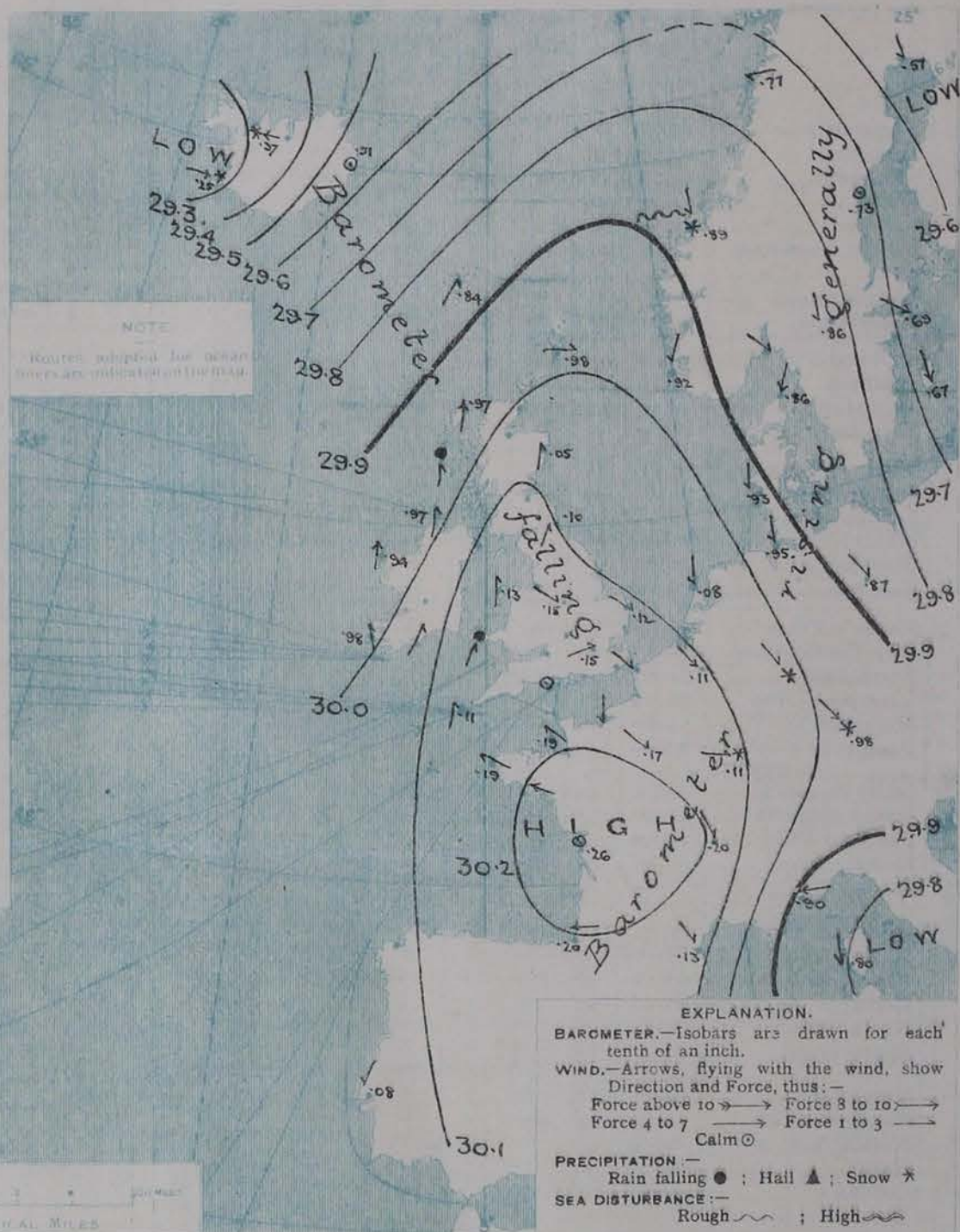


Wednesday,

WEATHER

17<sup>th</sup> Feb.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

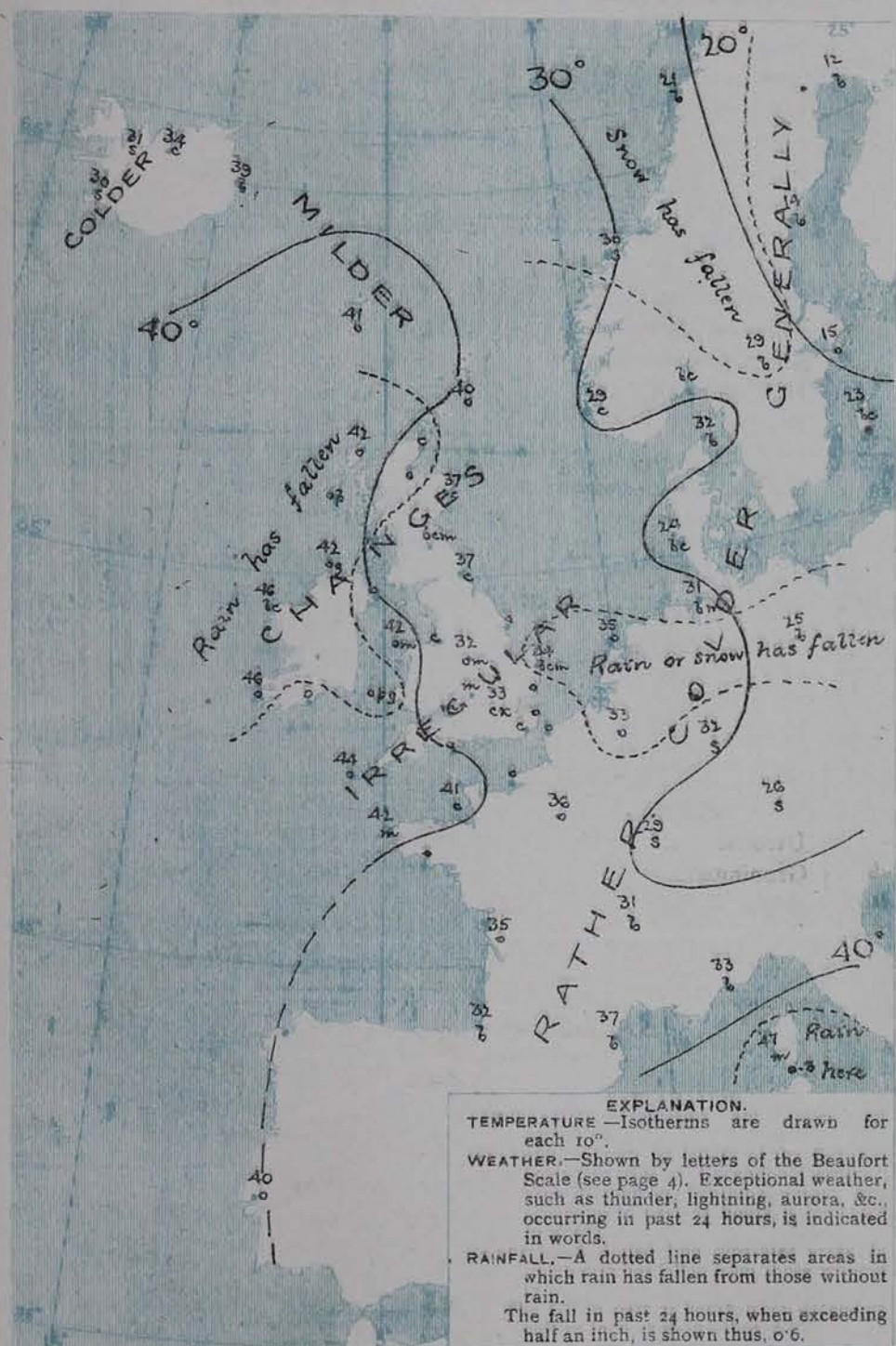
The anticyclone recently noticed over Western Europe is gradually dispersing, and the barometer is now falling over the United Kingdom, and all neighbouring portions of the Ocean. Pressure now ranges from 30.2 ins. and upwards over Western France to 29.6 ins. and less in Lapland, and to 29.3 ins. and less in a depression over Western Iceland.

The wind has shifted to the Southward on all our western and northern coasts, but is at present light or moderate in force. Over Eastern and Central England and in Germany and the Netherlands it remains North-Westerly, while in Scandinavia and Denmark it is chiefly Northerly. Temperature has changed very irregularly. Over the United Kingdom the morning readings range from a trifle above 45° on the west and south coasts of Ireland to 35° and less in many parts of Great Britain, and to 30° at Bath. Frost prevails also over the northern and central parts of the Continent. The weather is cloudy over the greater part of these Islands and France, with mist in central England, and passing showers at Castlebay and Pembroke. Over Northern Europe the weather is mostly fine, but snow is reported at Christiansund, as well as in South Germany and the east of France. The sea is slight or smooth on nearly all coasts.



# CHARTS 17<sup>th</sup> February 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 in several parts of the United Kingdom, but at some of our east coast stations it did not exceed 40°. Frost occurred at night over Great Britain; on the surface of the grass the thermometer fell to 21° at Oxford, and 23° in London. More than 6 hours of bright sunshine were recorded yesterday on the Lancashire coast, and more than 8 hours at Weymouth, Bournemouth and Jersey. A solar halo was seen yesterday at Aberdeen.

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

The anticyclone will probably continue to give way, and a low pressure system will shortly spread over the United Kingdom from the Atlantic. The wind over England will consequently back to the South-West or South, with a rise of temperature. Rain will extend gradually from the westward over nearly the whole 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<sup>ly</sup> and S.W. winds, freshening; cloudy, some rain; becoming milder.
- 1 } S<sup>ly</sup> winds, light to moderate; fair at first, some rain or sleet later, rather milder.
- 2 }
- 3 }
- 4 } Light winds, backing to the S.W. or S.; cloudy generally, local mists or fogs to-day, some rain to-morrow. Becoming milder.
- 5 }
- 6 } Same as No. 0 (Islands).
- 7 }
- 8 } S<sup>ly</sup> winds, freshening; cloudy, unsettled, some rain. Becoming milder.
- 9 }
- 10 }

## WESTERN CHANNEL AND BAY

Light to fresh S<sup>ly</sup> winds, with cloudy weather and some rain; sea slight at first, rather rough later. Milder.

## FORECAST DISTRICTS.

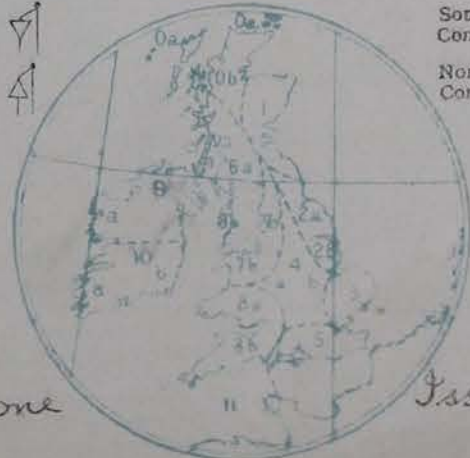
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.   
North Cone.

South Cone.   
North Cone.



None

Issued.



# DAILY WEATHER REPORT.

NEWCASTLE, 17th February 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....	46	34	c, bc, c, o	Hrs.	Ins.	Brighton, to 6 p.m. ...	43	31	*	5.7	-
Rossall Beach, to 6 p.m....	42	30	x, b	*	-	Eastbourne, to 6 p.m. ...	43	32	*	5.9	-
Blackpool, to 9 p.m. ...	43	30		6.9	-	Bexhill-on-Sea, to 9 p.m.	46	33	c	5.5	-
Southport, to 9 p.m. ...	42	33	o, bc, b	6.4	-	Hastings ...	*	*	*	5.7	*
Rhyl, to 6 p.m. ...	44	30	*	3.8	-	Folkestone, to 6 p.m. ...	41	31	d, b, bc	5.4	-
Colwyn Bay, to 6 p.m. ...	45	33	bc, b, c	3.4	-	Ramsgate, to 6 p.m. ...	*	*	*	3.9	0.05
Llandudno, to 9 p.m. ...	45	32	bc, c	2.8	-	Margate, to 6 p.m. ...	40	34	b, o, b, o	3.2	0.05
Bettws-y-Coed, to 6 p.m.				*	*	Felixstowe, to 6 p.m. ...	40	34	-	1.4	0.02
Towyn, to 6 p.m. ...	46	29	o, bc, c	2.4	-	Lowestoft, to 6 p.m. ...	40	32	op, c, p, o	1.0	0.04
Aberystwyth, to 6 p.m....	44	24	*	2.2	-	Skegness, to 6 p.m....	39	30	rs, c	0.0	0.02
Plymouth, to 9 p.m. ...	47	33	bc, b, bc	4.7	-	Scarborough, to 9 p.m. ...	43	34	o, c	2.5	-
Torquay, to 6 p.m....	48	33	*	6.6	-	Harrogate, to 6 p.m. ...	43	30	c, bc, b	3.8	-
Weymouth, to 6 p.m. ...	46	33	b	8.5	-	Buxton, to 6 p.m. ...	39	32	c, bc, c, bc	4.6	-
Bournemouth, to 6 p.m....	49	30	b	8.1	-	Darwen, to 9 p.m. ...	42	29	bc, b	4.1	-
Southsea, to 6 p.m....	44	32	*	5.9	-	Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	46	29	b, c, o	5.9	-	Birmingham, to 9 p.m....	42	32	o, c, b	0.7	-

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

STATIONS. 16th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 16th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	63	48	o, bc	Ins.	St. Petersburg ...	32	16	s, s	-
Marseilles ...	41	28	b, b	-	Utrecht ...	46	30	bc, b	0.04
Malta ...	58	47	bc	0.16	Groningen ...	43	30	bc, bc	0.04
Algiers ...	55	45	c, o	0.32	Berne ...	*	*	o, o	0.04
Tunis ...	64	36	b, bc	-	Zurich ...	*	*	o, s	0.12
Palermo ...	not received.				Geneva ...	*	*	s, bc	-
Naples ...	46	37	o, o	-	Lugano ...	*	*	b, b	-
Brindisi ...	48	32	o, bc	-	Coire ...	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Florence ...	45	32	b, o	-	Castasegna ...	30		o	
Rome ...	49	32	b, c	-	Davos ...	not recd.		b	-
Vienna ...	?	30	o, o	0.04		30			

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis-turb-ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Canada	43 N	44 W	Ins.	ESE	6-7						Prinz Fr.	47 N	31 W	30.36	ESE	3	
	43 N	45 W	29.56	W	6-9	o					Zich. Wilhelm.	45 N	36 W	30.20	SSE	3	
	42 N	46 W	30.19	WSW	8-9	o					Empress of Britain.	51 N	23 W	30.38	SSW	10-11	bc
	42 N	47 W	30.26	W	8-9	o						51 N	23 W	30.49	SSE	4-5	
	42 N	50 W	30.48	W	4-5							50 N	21 W	30.50	S	1-3	
	42 N	50 W	30.48	SW	1-3	o					Mauritania.	49 N	22 W	30.41	ESE	4-6	o
	44 N	42 W	30.24	W	6-7	o						48 N	27 W	30.01	S	4-5	
	43 N	43 W	30.34	W	4-5	b						48 N	27 W	29.87	SSE	6-7	o
	45 N	42 W	30.19	NNW	6-7							42 N	44 W	30.12	NW	6-7	
	44 N	43 W	30.30	NNW	6-7	o						43 N	42 W	30.10	NNE	4-5	
	43 N	45 W	30.41	NNW	6-7	o						44 N	38 W	30.17	ESE	4-5	
	43 N	46 W	30.41	W	4-5	b						45 N	37 W	30.18	ESE	4-5	b
	45 N	35 W	30.24	NNW	8							46 N	34 W	30.21	ESE	4-5	
	44 N	39 W	30.32	W	4							46 N	32 W	30.22	ESE	4-5	c
	43 N	43 W	30.24	SSW	5							48 N	28 W	30.26	ESE	4-5	
	49 N	38 W	30.15	S	6-7							48 N	26 W	30.28	ESE	4-5	o
	49 N	38 W	30.17	SSW	6-7	bc						49 N	23 W	30.30	SE	4-5	
	48 N	39 W	30.10	SSW	4-5							49 N	21 W	30.31	SSE	4-5	o
	48 N	31 W	30.48	SE	4-5							50 N	16 W	30.32	SSE	1-3	
	47 N	32 W	30.42	SE	4-5	c						50 N	15 W	30.33	SE	4-5	c
	46 N	36 W	30.31	ESE	4-5							49 N	13 W	30.53	NE	4-5	c
	46 N	37 W	30.26	ESE	4-5	o						49 N	9 W	30.55	NE	1-3	o
												49 N	17 W	30.48	ESE	1-3	o
												49 N	19 W	30.40	SE	4-5	o
												50 N	15 W	30.24	SSE	4	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. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (b) The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloomy; h, hail; l, lightning; m, misty (hazy); o, overcast; p, passing showers; q, squally; r, rain; s, snow; t, thunder; u, ugly, threatening; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.
- \* Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

Messages to hand from the New York, Montezuma and Bolivia will be entered in the Daily Weather Report of tomorrow.

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.  
18th February, 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.	Max.	Min.	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).								
		Ins.					Ins.	Ins.	°	°	°										
SCANDINAVIA.	Haparanda...	29.67	12	N	2	6	29.68	+1.11	-9	-9	-2.1	N	2	C	*	19	-9	*	*	*	-
	Hernösand...	29.82	9	Z	0	6	29.87	+1.14	7	5	-7	Z	0	6	*	25	7	*	*	*	-
	Stockholm...	29.87	15	NW	2	6	29.91	+1.22	11	10	-4	WSW	2	C	*	23	10	*	*	*	-
	Wisby...	29.83	26	N	4	6	29.94	+1.27	25	23	+2	NW	4	6	*	27	19	*	*	*	-
	Karlstad...	29.96	10	Z	0	6	29.97	+1.11	15	14	-14	N	2	C	*	*	*	*	*	*	-
	Färder (Klania Fjord)	29.92	30	SSW	1	C	29.91	+1.09	30	28	+1	W	1	O	1	32	28	*	*	*	-
	Bodö...	29.77	22	E	2	S	29.69	-0.08	28	27	+7	NE	4	6	2	28	18	*	*	*	-
	Christiansund...	29.88	33	SSW	1	O	29.83	-0.06	37	35	+7	SW	3	O	4	37	28	*	*	*	0.16
ICELAND & FAEROE.	Skudesnaes...	29.98	35	E	1	C	29.91	-0.01	34	33	+5	E	2	6	2	36	29	*	*	*	-
	Reykjavik...	29.25	31	W	1	S	29.36	+1.11	27	*	-3	S	1	C	*	*	*	*	*	*	*
	Blönduós...	29.20	30	N	2	O	29.41	+0.04	26	*	-5	NE	4	C	*	*	*	*	*	*	*
	Seydisfjord...	29.20	50	S	3	C	29.52	+0.01	32	*	-7	Z	0	6	*	*	*	*	*	*	*
BRITISH ISLANDS.	Thorshavn...	29.69	44	SSW	4	O	29.67	-1.17	46	*	+5	SW	5	O	*	*	*	*	*	*	*
	Sumburgh Head	29.85	41	W	1	O	29.87	-1.11	40	39	0	Z	0	C	1	43	40	0	*	*	-
	Stornoway...	29.85	44	SSW	5	C	29.84	-1.13	43	41	+1	SSW	4	C	4	45	41	0, bc, bc	0.2	0.02	-
	Castlebay (Barra Id.)	29.85	46	S	4	O	29.82	-1.15	45	44	0	SE	3	O	4	46	44	0, bc, bc, bc	1.1	-	-
	Malin Head...	29.82	43	SSW	4	Cm	29.81	-1.16	41	40	-1	S	3	bc	2	45	39	cg, bc	*	-	-
	Blackod Pt...	29.79	49	SW	4	C	29.73	-1.21	46	44	0	SSE	4	bc	3	49	44	bc	*	-	-
	Valencia...	29.79	48	SSE	4	O	29.69	-1.24	47	45	+1	SSE	4	r	4	50	40	orm, cr, o	0.1	0.18	-
	Roche's Point...	29.91	47	S	4	O	29.80	-1.26	47	47	+1	S	7	O	6	48	46	og, bc, om	*	0.02	-
	Birr Castle...	29.88	45	SSE	3	C	29.83	-1.20	44	42	+4	SE	3	og	*	50	39	bc, c	2.6	-	-
	Donaghadee...	29.95	44	SSW	3	C	29.92	-1.19	42	41	+2	S	3	r	2	45	40	bc, c, om	*	0.04	-
	Liverpool Obsy...	30.03	40	SE	1	O	29.99	-1.16	36	34	+5	SE	2	O	1	44	31	f, o, c	0.4	-	-
	Holyhead...	29.99	43	SSW	4	upm	29.95	-1.18	41	39	-1	S	4	omp	3	45	39	c, ofm	*	0.02	-
	Pembroke (St. Ann's Hd.)	29.99	44	S	5	O	29.91	-1.21	41	38	-2	SE	5	og	4	46	41	og, og	0.3	-	-
	Scilly (St. Mary's)	29.93	47	S	5	O	29.83	-1.28	45	43	+1	SSE	5	O	3	48	43	O	0.0	-	-
	Jersey (St. Aubins)	30.10	40	ESE	3	C	30.01	-1.18	38	35	+3	SE	3	6	3	43	34	cm, w, om	1.3	-	-
	Portland Bill...	30.07	43	SSW	3	O	29.99	-1.18	42	40	+2	SE	4	C	3	44	39	O	0.0	-	-
	Dungeness...	30.09	39	SW	2	bc	30.06	-0.05	38	37	+4	SSE	2	C	2	45	31	c, cg, bc, c	0.0	-	-
	Dover...	*	*	*	*	*	30.11	-0.04	33	32	-3	NNE	1	bc	0	41	31	c, bc, bc	0.0	-	-
	Wick...	29.88	40	W	1	bc	29.88	-1.12	38	36	-1	S	1	6	1	44	35	-	*	-	-
	Nairn...	29.90	38	W	1	C	29.89	-1.14	31	30	-5	W	1	bc	1	46	30	C	1.7	-	-
	Aberdeen...	29.94	41	SSW	1	C	29.92	-1.13	37	36	0	Z	0	C	2	45	36	c, o, c	0.6	-	-
	Leith...	29.97	42	W	1	O	29.94	-1.18	41	40	+9	N	1	om	*	43	32	om, of, o	*	0.02	-
	North Shields	30.00	42	SSW	2	O	29.99	-1.11	36	35	-1	SW	2	C	2	44	32	om, o	*	-	-
	Spurn Head...	30.05	39	S	2	6	30.03	-1.07	34	33	-2	SSW	3	O	3	43	33	cm, bc, bc	*	-	-
	Yarmouth...	30.10	38	ESE	2	om	30.11	-1.01	33	32	-1	SW	2	om	3	42	32	O, om	0.5	-	-
	Clacton-on-Sea...	30.11	38	S	2	O	30.09	-1.05	35	34	0	ESE	1	O	1	40	31	og, om	0.0	-	-
	Nottingham...	30.07	35	S	1	6	30.03	-1.12	35	34	+3	SSW	1	O	*	44	29	O, cm, c, om	2.0	-	-
	Bath...	30.07	41	SE	1	O	30.04	-1.14	36	33	+5	SE	1	6	*	46	30	-	2.7	-	-
	Oxford...	30.09	34	Z	0	6	30.07	-1.12	36	34	+8	SSE	2	C	*	44	28	m, bc, o, cm	*	-	-
	London (St. James's Pk)	30.09	39	Z	0	bc	30.06	-1.09	37	35	+4	SSE	1	bc	*	44	29	bc, c, bc	0.5	-	-
GERMANY, & C.	The Scaw (Skagen)	29.96	30	Z	0	6	29.95	+1.09	32	31	0	WSW	1	S	0	39	28	*	*	*	0.04
	Fanø...	30.00	30	N	1	bc	30.05	+1.12	32	31	+8	NW	1	C	*	36	24	*	*	*	-
	Cuxhaven...	29.99	33	NW	3	6	30.10	+1.15	30	29	-1	W	2	bc	*	36	28	*	*	*	-
	The Helder...	30.10	36	WNW	1	O	30.13	+1.05	29	28	-6	W	1	bc	1	36	26	*	*	*	-
	Brussels...	*	*	*	*	*	30.15	+1.04	31	30	-2	ESE	1	C	*	38	29	*	*	*	0.04
	Berlin...	29.95	30	Z	0	6	30.11	+1.24	21	19	-4	Z	0	f	*	32	21	*	*	*	-
	Frankfurt...	30.09	32	SW	3	C	30.15	+1.13	30	29	-2	SSE	1	C	*	39	28	*	*	*	-
	Munich...	30.14	24	W	4	bc	30.19	+1.21	23	18	-3	W	4	C	*	28	21	*	*	*	0.04
FRANCE.	C. Gris Nez...	30.11	38	Z	0	O	30.12	-1.03	35	34	-2	SSW	2	6	2	41	34	*	*	*	-
	La Hève...	30.12	39	ENE	1	m	30.08	-1.11	30	30	-9	E	3	m	2	43	28	*	*	*	-
	Brest...	30.07	41	SE	3	m	29.89	-1.30	37	36	-5	E	2	C	2	43	36	*	*	*	-
	Lorient...	30.03	40	ESE	3	O	29.91	-1.26	35	35	-3	E	4	6	2	46	34	*	*	*	-
	Rochefort...	30.09	44	E	3	6	29.91	-1.35	31	30	-4	E	4	6	*	48	28	*	*	*	-
	Biarritz...	30.01	43	ENE	4	6	29.82	-1.38	33	31	+1	SE	4	6	2	48	32	*	*	*	-
	Paris...	30.15	35	NNE	6	6	30.09	-1.08	26	26	-10	NE	2	6	*	44	26	*	*	*	-
	Belfort...	30.08	32	W	4	m	30.13	+1.02	22	22	-7	E	4	f	*	40	21	*	*	*	0.04
	Lyons...	30.16	32	NW	2	6	30.12	-1.08	26	25	-5	NE	1	6	*	40	25	*	*	*	-
	Nice...	29.95	39	Z	0	6	30.09	+1.19	37	30	+4	E	2	C	2	48	30	*	*	*	-
SPANISH PENIN.	Perpignan...	30.03	41	NE	1	6	29.99	-1.14	33	32	-4	SE	1	O	*	53	28	*	*	*	-
	Sanguinaire...	29.86	48	SW	3	6	29.95	+1.15	46	41	-1	E	6	m	5	56	24	*	*	*	-
	Coruna...	30.02	54	ENE	1	6	29.79	-1.32	43	41	+2	ENE	1	6	2	55	39	*	*	*	-
	Lisbon...	29.92	49	NW	2	6	29.76	-1.32	46	44	+6	NE	2	O	*	54	40	*	*	*	-
	Azores (P. Delgada)...	29.80	52	NW	4	6	29.87	+1.10	51	46	-7	WNW	3	bc	3	59	50	*	*	*	0.04



BAROMETER AND WIND

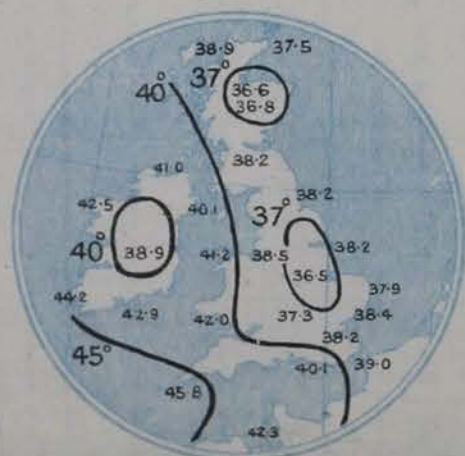
FOR 7 A.M. AND 6 P.M. YESTERDAY



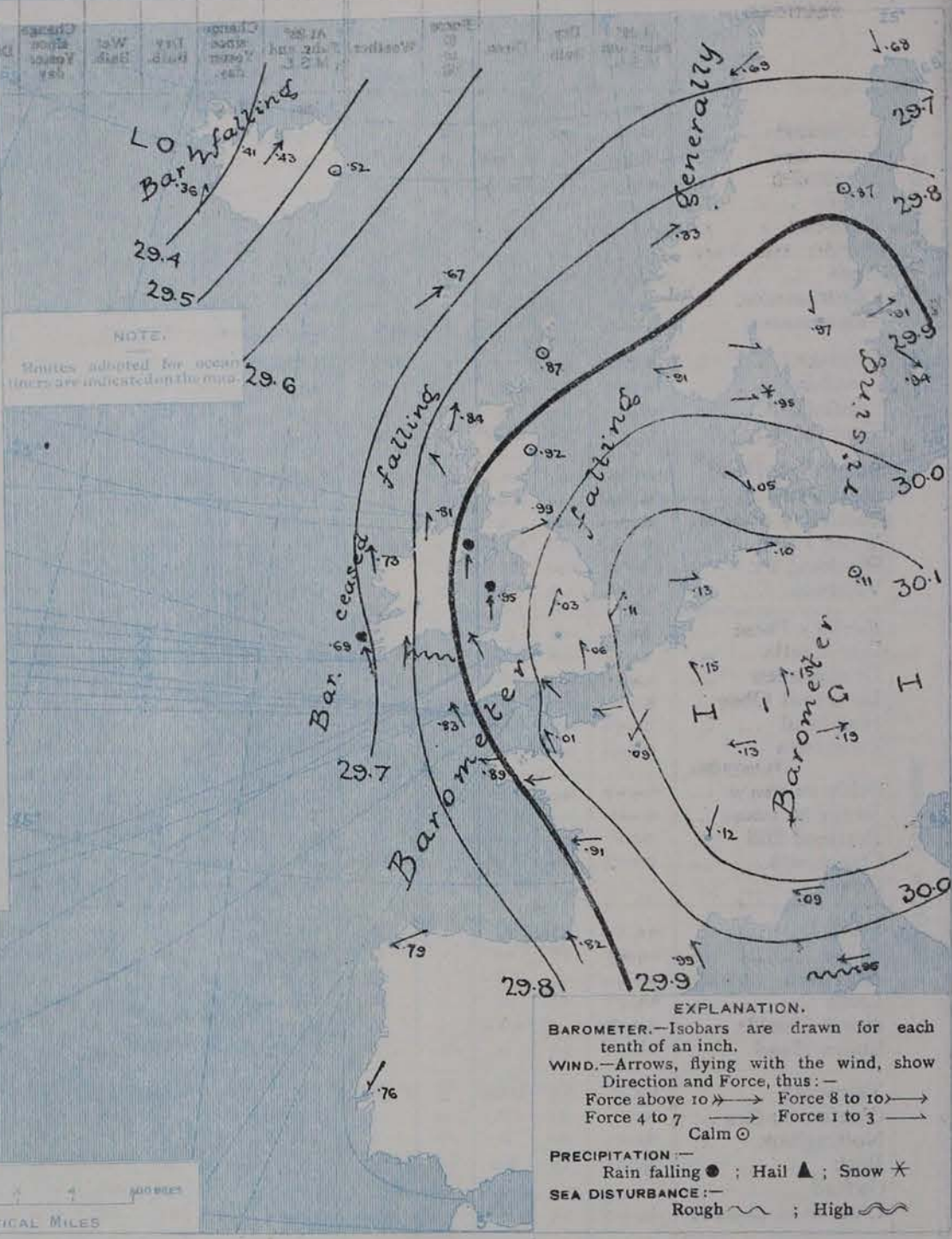
6 P.M. YESTERDAY



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



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 anticyclone now covers a large portion of central Europe and extends thence to the south-east of these Islands, the highest barometer reading reported being 30.19 ins at Munich. A decided fall of the barometer has taken place over the Bay of Biscay region, and a slighter fall in the west and north of the United Kingdom and in Norway. The lowest readings reported are about 29.4 ins in the west of Ireland.

The wind has shifted to East or South-East over France and the south and south-west of England, but continues Southerly over Ireland and most of Scotland. It flows freshly at Pembroke and Scilly, and with the force of a high wind at Rock's Point; elsewhere it is moderate or slight. Temperature has risen in most parts of these Islands and Norway, fallen at nearly all the Continental stations. In this country it ranges from 47° in the south of Ireland to 33° at Yarmouth and to 31° at Naism. A good deal of cloud prevails in most parts of our area, but over the greater part of France, at some English and Scottish stations and in some localities over the northern portion of the Continent the sky is nearly clear. Rain is falling in some Irish districts, and passing showers are reported at Holyhead.

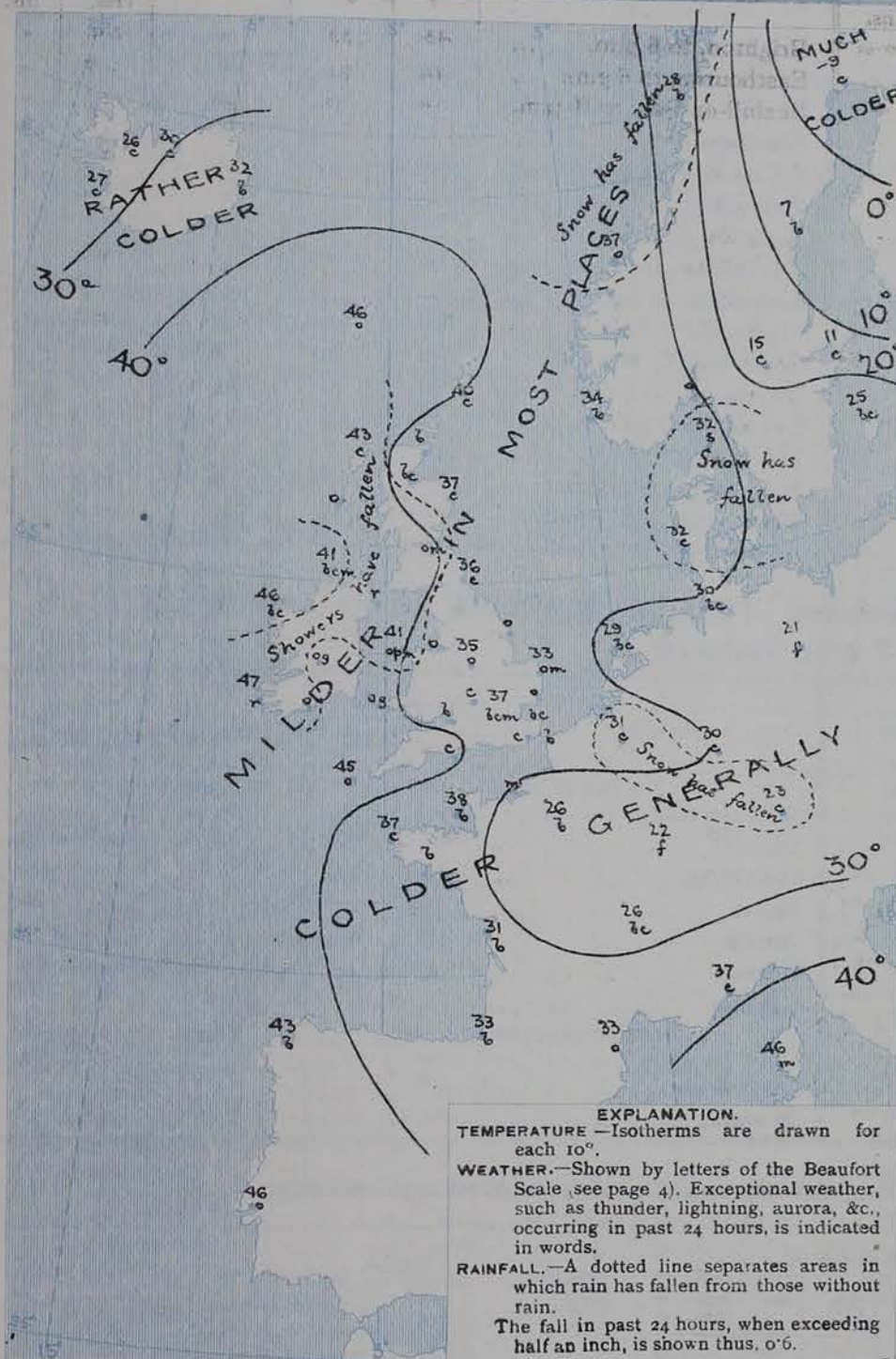


# CHARTS

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

## FORECASTS

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



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

- 0 } Southerly and South-Westly winds, light or moderate; cloudy or dull generally, some rain locally; moderate temperature.
- 1 } Southerly or South-Westly winds, light; fair to cloudy or overcast; moderate or rather low temperature.
- 2 }
- 3 } Wind mainly between South and East, light generally, freshening somewhat on south coast, mostly fair or fine; moderate or rather low temperature.
- 4 }
- 5 }
- 6 } Same as No. 0.
- 7 } Light or moderate winds between South-East and South-West; cloudy or overcast generally; moderate or rather low temperature.
- 8 } South-Easterly or Easterly winds, increasing in force; mostly cloudy or dull, some rain locally later; moderate temperature.
- 9 } Wind chiefly southerly, fresh or strong in places; changeable, some rain; moderate temperature.
- 10 }

#### II. WESTERN CHANNEL AND BAY.

Wind between East and South-East, fresh or strong at times; sea slight to moderate or rather rough; fair to dull and some rain.

#### NOTES ON YESTERDAY'S WEATHER.

The maximum temperatures recorded yesterday were about 50° at some extreme western stations, but below 45° in the east. Slight frost occurred in several parts of Great Britain during the night. A little rain has fallen at a few places in the west and north of these Islands. The duration of bright sunshine was slight generally, but at Harrogate nearly five hours were registered, at Southsea 4.6 hours and at Northwich five hours.



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

Although the central portion of the anticyclone has become transferred to Germany and the Low Countries the system will continue to affect the winds and the weather over the greater part of England. The fall of the barometer appears to have ceased for the present along the Atlantic seaboard of these Islands, but the decrease of pressure which is in progress over the Bay of Biscay will probably cause the South-Easterly and Easterly winds to increase in force in its immediate neighbourhood.



#### FORECAST DISTRICTS.

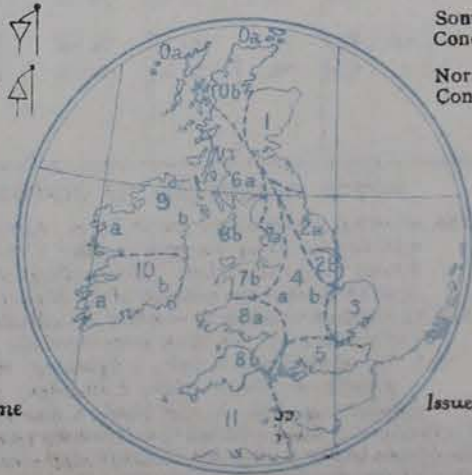
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

South Cone.   
 North Cone. 

Signals hoisted this morning.

South Cone.   
 North Cone. 



None

Issued.



## DAILY WEATHER REPORT.

Thursday, 18th February 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....	47	39	o, c, bc	*	0.01	Brighton, to 6 p.m. ...	43	33	*	2.9	-
Rossall Beach, to 6 p.m....	43	26	x, bc, o	*	-	Eastbourne, to 6 p.m. ...	44	33	*	1.5	-
Blackpool, to 9 p.m. ...	43	25	af, x, o	0.1	-	Bexhill-on-Sea, to 9 p.m.	44	32	bc	1.7	-
Southport, to 9 p.m. ...	43	28	af, x, o	1.2	-	Hastings ... ..	*	*	*	1.6	*
Rhyl, to 6 p.m. ...	44	36	*	0.3	-	Folkestone, to 6 p.m. ...	42	34	bc	0.0	-
Colwyn Bay, to 6 p.m. ...	44	39	bc	0.4	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	44	38	c, o	0.0	-	Margate, to 6 p.m. ...	41	34	o	0.0	-
Bettws-y-Coed, to 6 p.m.	43	36	c, bc, c	0.1	*	Felixstowe, to 6 p.m. ...	40	36		0.0	-
Towyn, to 6 p.m. ...	45	34	o, c	0.0	-	Lowestoft, to 6 p.m. ...	43	34	af, c	1.2	0.01
Aberystwyth, to 6 p.m. ...	44	37	*	0.0	-	Skegness, to 6 p.m. ...	44	34	?	0.3	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	43	34	o, c	0.5	-
Torquay, to 6 p.m. ...	45	35	*	0.0	-	Harrogate, to 6 p.m. ...	45	31	bc, o, b, bc	3.7	-
Weymouth, to 6 p.m. ...	43	31	f, o	0.0	-	Buxton, to 6 p.m. ...	40	27	b, bc, f, b	2.8	-
Bournemouth, to 6 p.m. ...	43	30		1.1	-	Darwen, to 9 p.m. ...	41	26	bc	1.2	-
Southsea, to 6 p.m. ...	41	29	*	4.6	-	Manchester, to 9 p.m. ...	44	29	af, bc, o, c	1.8	-
Worthing, to 6 p.m. ...	45	30	m, b, c	5.0	-	Birmingham, to 9 p.m. ...	45	31	c, b, c	3.8	-

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

STATIONS. 17th Feb. 1909.	TEMPERATURE F.		WEATHER	RAIN. Ins.	STATIONS. 17th Feb. 1909.	TEMPERATURE F.		WEATHER	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ... ..	64	48	o, o	-	St. Petersburg ... ..	27	5	bc, o	0.08
Marseilles ... ..	46	32	b, b	-	Utrecht ... ..	41	30	c, o	0.08
Malta ... ..	55	46	o	0.28	Groningen ... ..	39	28	bc, o	0.08
Algiers ... ..	55	43	c, o	0.16	Berne ... ..	*	*	s, s	0.04
Tunis ... ..	66	37	bc, o	0.12	Zurich ... ..	*	*	c, s	0.08
Palermo ... ..	55	43	bc, r	0.08	Geneva ... ..	*	*	o, o	0.04
Naples ... ..	48	39	o, c	0.04	Lugano ... ..	*	*	b, b	-
Brindisi ... ..	48	35	o, c	-	Coire ... ..	32	*	o	Measured 7.30 a.m. 0.24
Florence ... ..	41	33	b, b	-	Castasegna ... ..	39	*	b	-
Rome ... ..	47	37	o, bc	-	Davos ... ..	21	*	bc	0.04
Vienna ... ..	36	30	o, o	0.04					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Direc.	Force.		Air.		Sea.			Lat.	Long.		Direc.	Force.	
							Dry Bulb.	Wet Bulb.									
Continued from yesterday's Daily Weather Report.																	
New York	15th Feb 4am	49 N 16 W	30.57	SE	4-5	-	-	-	-	-	Zeeland	14th Feb 10am	41 N 44 W	29.97	NNW	8-9	-
	" " 7am	49 N 16 W	30.47	SE	4-5	c	-	-	-	-		" " 1pm	42 N 44 W	29.98	NNW	8-9	o
	" " 3pm	48 N 12 W	30.30	SSE	4-5	-	-	-	-	-							
	" " 6pm	48 N 13 W	30.23	SSE	6-7	c	-	-	-	-							
Montezuma	14th " 3pm	50 N 21 W	30.50	SE	1-3	-	-	-	-	-							
	" " 6pm	50 N 22 W	30.40	SSE	4-5	c	-	-	-	-							
	15th " 4am	49 N 24 W	30.31	SSE	4-5	-	-	-	-	-							
	" " 7am	49 N 25 W	30.25	SSE	4-5	bc	-	-	-	-							
Baltic	15th " 4am	49 N 26 W	30.48	SSE	4-5	-	-	-	-	-							
	" " 7am	48 N 27 W	30.32	SSE	4-5	o	-	-	-	-							

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

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- \* Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
19th February, 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.	Dirac.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.86	21	N	2	6	29.91	+23	-8	-9	+1	Z	0	C	*	12	-13	*	*	*	-
	Hernösand...	29.88	23	Z	0	0	30.00	+13	21	20	+14	S	2	S	*	28	1	*	*	*	0.04
	Stockholm...	29.92	24	W	2	0	30.05	+14	23	22	+12	NW	2	C	*	24	7	*	*	*	-
	Wisby...	29.99	29	W	4	6c	30.04	+10	31	29	+6	NNW	4	C	*	31	23	*	*	*	-
	Karlstad...	29.99	22	Z	0	6	30.09	+12	24	24	+9	Z	0	f	*	*	*	*	*	*	-
	Färder (X'ania Fjord)	29.96	32	SSW	2	C	30.06	+15	30	30	0	NNW	1	f	1	32	28	*	*	*	-
	Bodö...	29.79	22	E	4	0	29.47	-22	31	30	+3	ESE	5	m	2	31	21	*	*	*	-
ICELAND & FAEROE.	Christiansund...	29.90	40	SW	5	0	29.90	+07	41	36	+4	SW	5	0	5	41	37	*	*	*	0.16
	Skudesnaes...	30.04	39	E	2	6c	30.14	+23	38	37	+4	E	2	C	1	41	32	0, 6c	*	*	-
	Reykjavik...	29.41	28	SW	3	C	29.47	+11	27	*	0	NE	4	C	*	*	*	*	*	*	*
	Blönduós...	29.41	27	S	1	6c	29.58	+17	28	*	+2	SSE	2	0	*	*	*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	29.39	32	W	1	0	29.63	+16	27	*	-5	Z	0	6	*	*	*	*	*	*	*
	Thorshavn...	29.63	46	SW	7	0	29.75	+08	46	*	0	SW	3	0	*	*	*	*	*	*	*
	Sumburgh Head	29.91	41	S	1	6	29.98	+11	39	38	-1	Z	0	0	1	47	36	6	*	*	-
	Stornoway...	29.88	45	S	5	0	29.97	+13	43	40	0	S	6	0	5	48	42	c, 6c, 6c, 6c	4.0	*	-
	Castlebay (Barra Id.)	29.88	46	SSE	4	0m	29.97	+15	45	40	0	S	4	0m	5	46	43	0, c, 0m	2.0	*	-
	Malin Head...	29.83	44	S	4	6cm	29.95	+14	38	37	-3	S	3	cgm	2	46	37	cmg, 6cm	*	*	-
	Blacksod Pt...	29.80	46	SSE	5	C	29.87	+14	44	41	-2	SSE	4	C	3	50	41	6cm, 6m	*	*	-
	Valencia...	29.77	47	SSE	4	C	29.85	+16	47	41	0	SE	3	0	4	50	44	0, C	0.3	0.07	-
	Roche's Point...	29.85	45	S	5	0	29.93	+13	45	42	-2	SSE	5	C	5	47	45	0m, c	*	*	-
	Birr Castle...	29.87	43	SE	3	0	29.96	+13	41	39	-3	SE	3	0	*	47	38	0	0.0	*	-
	Donaghadee...	29.96	42	SSW	3	C	30.06	+14	37	35	-5	SSW	1	6c	2	46	37	6c	*	*	-
	Liverpool Obsy...	30.02	38	SE	2	6	30.13	+14	30	29	-6	ESE	3	6	2	43	30	6c, 6	5.8	*	-
	Holyhead...	29.97	42	SSW	2	cm	30.07	+12	34	33	-7	SE	1	6x	1	45	33	6, cm	*	*	-
	Pembroke (St. Ann's Hd.)	29.92	42	SE	5	6c	30.00	+09	37	36	-4	ESE	5	6m	5	44	36	og, cm, 6c	0.9	*	-
	Scilly (St. Mary's)	29.83	44	ESE	4	C	29.89	+06	43	41	-2	ESE	3	C	3	47	42	C	3.0	*	-
	Jersey (St. Aubins)	29.92	42	ESE	5	6	29.98	-03	35	33	-3	ESE	4	6	3	45	33	6m, 6mx	9.0	*	-
	Portland Bill...	29.96	42	ESE	5	6	30.02	+03	42	41	0	E	5	6	5	44	41	6	8.0	*	-
	Dungeness...	30.04	40	ESE	2	C	30.11	+05	35	33	-3	ESE	3	6	3	43	32	6c, 6ex	8.0	*	-
	Dover...	*	*	*	*	*	30.17	+06	34	32	+1	ESE	2	6	3	43	32	6	6.9	*	-
	Wick...	29.89	42	Z	0	6	30.00	+12	37	35	-1	Z	0	0	1	46	34	-	*	*	-
	Nairn...	29.91	38	Z	0	6	30.01	+12	36	34	+5	Z	0	6	1	51	30	6c	8.5	*	-
	Aberdeen...	29.96	40	SSW	1	6	30.07	+15	33	32	-4	Z	0	6	1	50	33	6c, 6, 6c, 6c	6.1	*	-
	Leith...	29.99	42	W	1	C	30.10	+16	31	30	-10	Z	0	cm	*	45	30	6m, 6c, c	*	*	-
	North Shields...	30.02	39	S	3	cm	30.13	+14	31	31	-5	S	2	cmx	2	44	30	cm	*	*	-
	Spurn Head...	30.05	39	S	3	C	30.16	+13	27	26	+3	S	3	6	3	42	34	cm, 6c, 6c, 6c	*	*	-
GERMANY, & C.	Yarmouth...	30.12	37	SSE	2	6cm	30.21	+10	36	35	+3	SE	3	6c	4	43	32	6c, 6cm	5.4	*	-
	Clacton-on-Sea...	30.10	38	ESE	2	6	30.17	+08	37	35	+2	ESE	3	6	2	42	30	0, 6c, 6c	6.5	*	-
	Nottingham...	30.05	41	S	1	0	30.17	+14	27	26	-8	E	2	6	*	44	26	0, 6c, c, 6c	2.8	*	-
	Bath...	29.97	40	E	1	0	30.10	+06	28	28	-7	NE	1	6	*	46	28	6	5.8	*	-
	Oxford...	30.08	37	ESE	2	6	30.17	+10	28	27	-8	E	2	6	*	45	26	6	*	*	-
	London (St. James's Pk)	30.06	40	SE	1	6m	30.14	+08	33	32	-4	ESE	2	6mx	*	45	32	c, 6c, 6m	4.3	*	-
	The Scaw (Skagen)	30.01	34	SW	1	6	30.09	+14	36	34	+4	WNW	3	6	1	37	30	*	*	*	-
	Fanø...	30.14	34	NW	1	6c	30.19	+14	32	31	0	W	1	6c	*	37	30	*	*	*	-
FRANCE.	Cuxhaven†...	30.13	35	W	2	C	30.27	+17	32	32	+2	W	1	f	*	37	30	*	*	*	-
	The Helder...	30.17	31	SSW	1	6	30.29	+16	31	30	+2	S	1	m	0	41	25	*	*	*	-
	Brussels...	*	*	*	*	*	30.21	+06	29	26	-2	ENE	1	6	*	41	27	*	*	*	-
	Berlin†...	30.14	31	Z	0	0	30.21	+10	34	32	+13	N	2	0	*	34	21	*	*	*	0.04
	Frankfurt†...	30.20	32	NW	1	6	30.32	+17	24	24	-6	NE	1	6	*	37	23	*	*	*	-
	Munich†...	30.25	19	W	1	6	30.41	+22	4	95	-19	SSE	1	6	*	30	0	*	*	*	-
	C. Gris Nez...	30.08	36	ESE	2	6	30.12	00	28	27	-7	ESE	1	m	1	45	28	*	*	*	-
	La Hève...	30.00	37	ESE	3	C	30.04	-04	30	30	0	E	5	6	3	41	27	*	*	*	-
SPANISH PENIN.	Brest...	29.83	46	ESE	3	6	29.89	00	37	35	0	ESE	3	6	5	48	34	*	*	*	-
	Lorient...	29.79	42	E	5	6	29.88	-03	33	32	-2	E	4	6	3	48	32	*	*	*	-
	Rochefort...	29.83	44	E	3	C	29.86	-05	34	33	+3	E	3	6	*	55	31	6, c	*	*	-
	Biarritz...	29.77	49	ESE	1	6c	29.76	-06	36	34	+3	ESE	4	6	1	55	29	*	*	*	-
	Paris...	30.02	36	E	2	6	30.09	00	28	26	+2	E	2	6	*	45	26	*	*	*	-
	Belfort...	30.02	31	ENE	6	m	30.15	+07	22	21	0	ENE	7	m	*	36	21	*	*	*	-
	Lyons...	30.00	36	E	1	6	30.10	-07	29	27	+3	SSW	1	C	*	42	25	*	*	*	-
	Nice...	29.99	42	ESE	5	C	30.06	-03	41	37	+4	E	3	0	3	48	36	*	*	*	0.04
SPANISH PENIN.	Perpignan...	29.86	48	S	2	0	29.89	-10	47	45	+14	SE	2	0	*	49	33	*	*	*	-
	Sanguinaire...	29.93	48	E	3	C	29.93	-02	48	45	+2	E	3	0	2	55	41	*	*	*	-
	Corunna...	29.52	53	SE	5	0	29.50	-16	52	50	+6	SE	4	6c	*	55	34	*	*	*	0.20
SPANISH PENIN.	Lisbon...	29.52	53	SE	5	0	29.50	-16	52	50	+6	SE	4	6c	*	55	34	*	*	*	0.20
	Azores (P. Delgada)...	29.95	56	WNW	4	6	29.89	+10	59	58	+8	SW	4	7	3	61	51	*	*	*	-

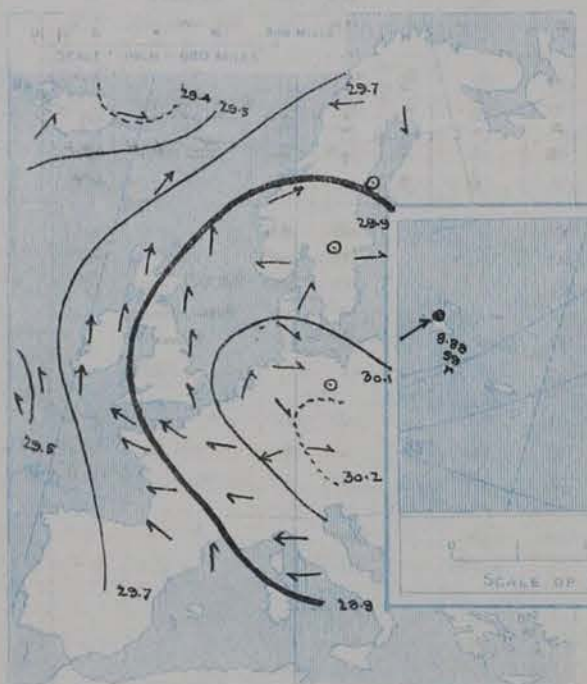


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

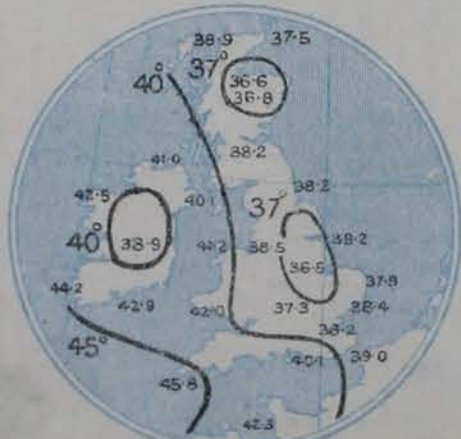
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

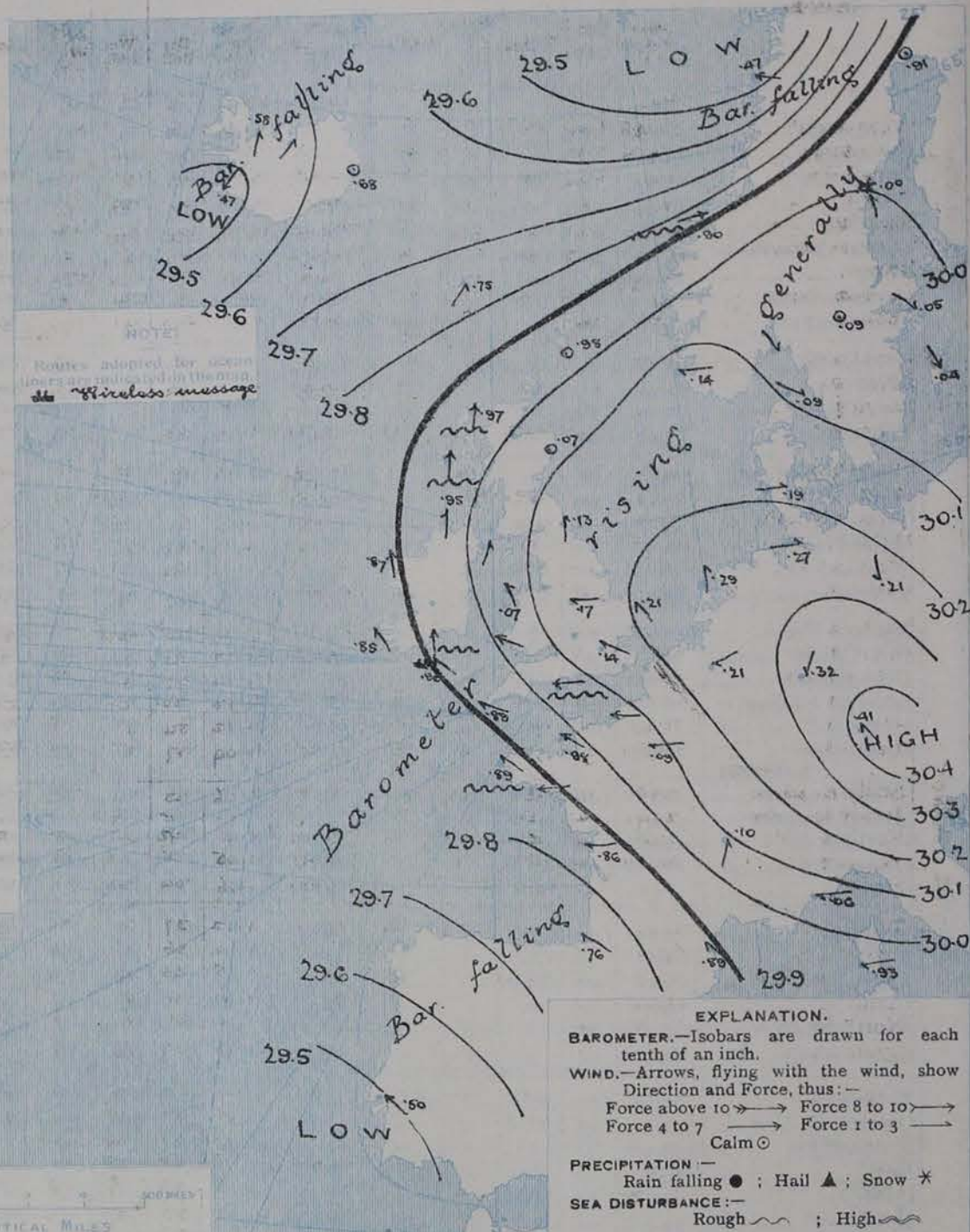


Friday,

WEATHER

19<sup>th</sup> Feby.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The Continental anticyclone has increased in intensity, and the barometer is now above 30.4 ins. over Bavaria. To the south-westward pressure decreases to about 29.7 ins. over the Spanish Peninsula, and to the northward and north-westward to below 29.5 ins. over the extreme north of Norway, and also in the south-west of Iceland.

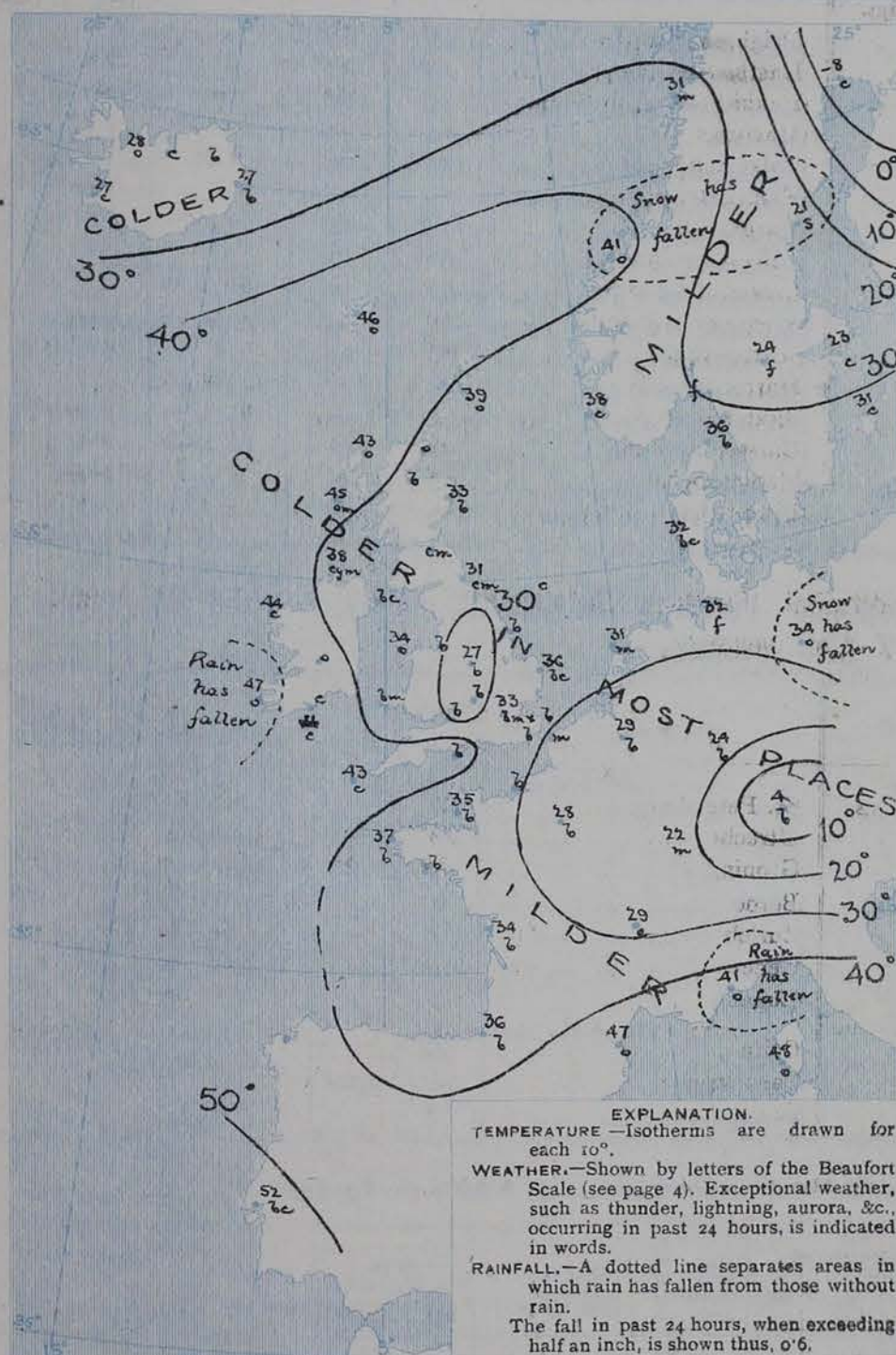
The wind is E. by S. to S. by E. over South Germany, France, and the greater part of England and Wales, S. by W. in Ireland, Scotland, and the north of England, S. by W. on the west coast of Norway, and N. by W. over the Baltic. It blows freshly on some parts of our south and south-west coasts, and strongly at Stormoway. Temperature has fallen over the greater part of the United Kingdom, France, and South Germany, risen in Scandinavia. Over this country it ranges from 47° at Valencia to below 30° over Central England. The weather is fair or fine in nearly all parts of these Islands except the extreme west and north-west where it is dull, and clear skies are also reported from most of the French and German stations; thick fog, however, prevails at the mouth of the Elbe. In Scandinavia the sky is cloudy or overcast, and snow is falling at Hernösand.



# CHARTS

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

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



### NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometers rose to 50° in some parts of Ireland and Scotland, and to 45° in several English localities. Frost was experienced at night over Great Britain, the thermometers falling to 26° at Nottingham and Oxford; at the latter station the thermometer on the grass fell to 18°. At Munich the frost has become extremely severe, the minimum temperature reported being 0° (zero). The duration of bright sunshine was very large over the Kingdom generally.

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

The anticyclonic conditions will continue to prevail over these Islands, with generally fine, dry weather. The Easterly and South-Easterly winds on our south-west coasts, and the Southerly winds on the extreme north-west coasts are likely to blow freshly or rather strongly at times.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

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

0 { Southerly or South-Westerly winds, fresh or strong at times; cloudy or overcast, some showers, moderate temperature.

1 Same as No. 1.

2 { Light or moderate winds, mainly Southerly; fair or fine, some mist; temperature low.

3 Same as No. 1.

4 Same as Nos. 3 to 5.

5 { Wind between South-East and East, light generally, fresh at times on coast; fair or fine, some mist locally; temperature low, frost at night.

6 { South-Easterly or Southerly winds, light or moderate; fair or fine, some mist; cold, frost at night.

7 { Easterly and South-Easterly winds, fresh or strong on coast; fair or fine; temperature low.

8 { Wind mainly Southerly, light to fresh; fair generally; moderate or rather low temperature.

### 11 WESTERN CHANNEL AND BAY.

South-Easterly or Easterly winds, fresh or strong at times; sea moderate or rather rough; fair, some mist.

### FORECAST DISTRICTS.

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

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.

None

Issued.





## DAILY WEATHER REPORT.

Friday, 19th February 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	41	bc	*	-	Brighton, to 6 p.m. ...	44	32	*	8.2	-
Rossall Beach, to 6 p.m. ...	44	34	om, c, b	*	-	Eastbourne, to 6 p.m. ...	44	34	*	8.6	-
Blackpool, to 9 p.m. ...	44	33	o, b, c	3.8	-	Bexhill-on-Sea, to 9 p.m. ...	42	36	b	8.2	-
Southport, to 9 p.m. ...	44	32	o, c, b	4.0	-	Hastings ...	*	*	*	8.7	*
Rhyl, to 6 p.m. ...	46	37	*	7.5	-	Folkestone, to 6 p.m. ...	44	28	b, bc	7.1	-
Colwyn Bay, to 6 p.m. ...	46	38	bc, b, bc	5.8	-	Ramsgate, to 6 p.m. ...	*	*	*	7.2	-
Llandudno, to 9 p.m. ...	45	35	o, bc, c	5.0	-	Margate, to 6 p.m. ...	44	33	b, o	7.4	-
Bettws-y-Coed, to 6 p.m. ...	46	30	b	7.3	*	Felixstowe, to 6 p.m. ...	43	37	-	6.1	-
Towyn, to 6 p.m. ...	46	38	b	7.0	-	Lowestoft, to 6 p.m. ...	44	31	cb, f, bc	5.8	-
Aberystwyth, to 6 p.m. ...	46	38	*	5.7	-	Skegness, to 6 p.m. ...	42	32	bc, b, c	2.2	-
Plymouth, to 9 p.m. ...	45	36	o, b, br	6.2	-	Scarborough, to 9 p.m. ...	43	34	o	0.0	-
Torquay, to 6 p.m. ...	46	38	*	5.5	-	Harrogate, to 6 p.m. ...	40	38	om, bc, o, m	0.2	-
Weymouth, to 6 p.m. ...	45	39	c, bc, b	8.0	-	Buxton, to 6 p.m. ...	40	27	bc, b, c	3.2	-
Bournemouth, to 6 p.m. ...	46	32	b	8.2	-	Darwen, to 9 p.m. ...	40	31	bc, om	3.3	-
Southsea, to 6 p.m. ...	45	35	*	7.7	-	Manchester, to 9 p.m. ...	43	31	c, o, c	0.2	-
Worthing, to 6 p.m. ...	46	30	b	8.9	-	Birmingham, to 9 p.m. ...	42	34	c, b	0.8	-

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

STATIONS. 18th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 18th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	61	50	o, r	Ins.	St. Petersburg ...	16	7	b, s.	Ins.
Marseilles ...	48	32	b, b	0.43	Utrecht ...	41	27	o, m	-
Malta ...	53	46	b	-	Groningen ...	39	30	o, o	-
Algiers ...	59	46	b, b	-	Berne ...	*	*	o, b	0.08
Tunis ...	61	39	o, c	-	Zurich ...	*	*	bc, bc	0.08
Palermo ...	not received.				Geneva ...	*	*	bc, bc	-
Naples ...	46	35	b, b	-	Lugano ...	*	*	b, b	-
Brindisi ...	48	32	r, bc	-	Coire ...	1.30 p.m.	1.30 p.m.	Measured	7.30 a.m.
Florence ...	47	24	b, b	-	Castasegna ...	32	*	0.16	
Rome ...	48	32	b, c	-	Davos ...	not received.		0.32	
Vienna ...	32	23	bc, o	-		19	*		

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Savonia	12th Feb 3pm	48 N 26 W	30.31	WNW	1-3	b	48	46	0		Empress of Ireland	15th Feb 3pm	46 N 47 W	30.44	NNW	4-5	-
	" 6pm	48 N 27 W	30.26	WNW	1-3	b	46	44	0			" 6pm	46 N 46 W	30.42	NNW	4-5	-
	13th Feb 3pm	46 N 34 W	30.16	S	4-5	o	46	44	0			14th Feb 3pm	49 N 37 W	29.87	NNW	3-4	-
	" 6pm	46 N 36 W	30.12	S	4-5	o	46	44	0			" 6pm	49 N 35 W	29.73	NNW	4-5	-
	14th Feb 3pm	44 N 42 W	30.01	SSW	4-5	o	46	44	0			" 6pm	50 N 31 W	29.53	N	4-5	-
Montcalm	" 4pm	43 N 43 W	29.97	SSE	1-3	r	46	44	0		Bohio	" 7pm	50 N 30 W	29.43	NNW	4-5	-
	" 7pm	48 N 42 W	30.15	NNE	4-5	r	46	44	0			" 6pm	50 N 26 W	29.25	NE	6-7	-
	" 7pm	48 N 43 W	30.10	NNE	4-5	r	46	44	0			" 6pm	50 N 24 W	29.25	NE	4-5	-
	" 3pm	44 N 40 W	30.15	ESE	4-5	-	46	44	0			" 6pm	51 N 20 W	29.17	SSE	6-7	-
	" 6pm	44 N 41 W	30.13	SE	1-3	b	46	44	0			" 7pm	51 N 18 W	29.23	ESE	8-9	-
Prinz Friedrich Wilhelm	" 6pm	45 N 40 W	30.00	SE	3	-	46	44	0		New York	" 7pm	51 N 15 W	29.47	SSE	6-7	-
	15th Feb 4am	50 N 29 W	30.24	SSE	4-5	-	46	44	0			" 6pm	51 N 14 W	29.55	SE	6-7	-
	" 7pm	30 N 30 W	30.12	SSE	4-5	c	46	44	0			" 6pm	51 N 9 W	29.46	SSE	6-7	-
	" 3pm	49 N 34 W	29.68	ESE	6-7	-	46	44	0			" 7pm	51 N 8 W	29.96	SE	4-5	-
	" 6pm	49 N 35 W	29.79	WNW	8-9	r	46	44	0			" 6pm	48 N 30 W	30.06	S	6-7	-
Empress of Britain	" 10am	44 N 36 W	30.04	SSE	1-3	b	46	44	0		Montcalm	" 6pm	47 N 31 W	29.96	S	6-7	-
	" 11am	45 N 36 W	30.02	SSE	1-3	b	46	44	0			" 6pm	49 N 28 W	29.91	SSE	6-7	-
	" 10am	47 N 28 W	29.89	NNW	4-5	o	46	44	0			" 6pm	49 N 29 W	29.93	S	8-9	-
	" 11am	47 N 27 W	29.88	NNW	4-5	o	46	44	0			" 6pm	49 N 32 W	29.88	NW	6-7	-
	" 11am	48 N 10 W	29.59	SSE	8-9	c	46	44	0			" 6pm	48 N 34 W	29.79	WSW	6-7	-
Zealand	" 11am	48 N 18 W	29.59	SSE	8-9	c	46	44	0		Vaderland	" 6pm	48 N 34 W	29.62	WSW	8-9	-
	" 11am	48 N 18 W	29.59	SSE	8-9	c	46	44	0			" 6pm	48 N 22 W	30.16	SE	6-7	-
	" 11am	49 N 10 W	29.71	SE	6-7	-	46	44	0			" 6pm	48 N 23 W	30.03	S	8-9	-
	" 11am	49 N 9 W	29.74	SE	6-7	-	46	44	0			" 6pm	47 N 24 W	29.92	N	6-7	-
	" 11am	49 N 9 W	29.74	SE	6-7	-	46	44	0			" 6pm	46 N 36 W	30.03	NNW	4-5	-

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

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

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

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

(Saturday,  
20th February, 1909.)

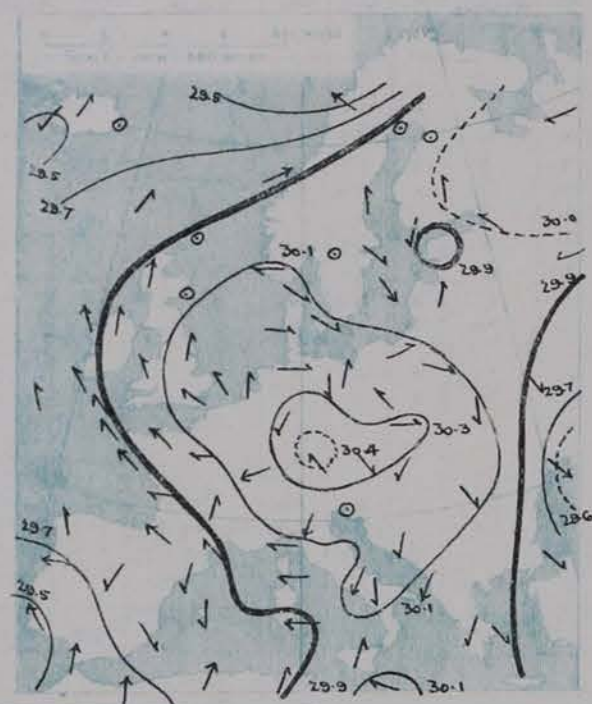
20th February, 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.				Temp.					
At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	Max.	Min.	Weather.	Sun-shine.	Rainfall.			
Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	Hours.	Ins.		
SCANDINAVIA.	Haparanda...	29.73	20	SW	2	b	29.97	+0.6	22	22	+30	NW	2	b	*	32	-18	*	*	0.04	
	Hernösand...	29.93	32	2	0	o	30.23	+2.3	35	34	+14	2	o	c	*	35	18	*	*	0.08	
	Stockholm...	30.15	28	WSW	2	b	30.31	+2.6	21	21	-2	W	2	f	*	32	21	*	*	-	
	Wisby...	30.19	28	N	2	b	30.31	+2.7	29	28	-2	SW	2	f	*	32	27	*	*	-	
ICELAND & FAEROE.	Karlstad...	30.17	26	2	0	f	30.38	+2.9	14	14	-10	NW	2	b	*	*	*	*	*	-	
	Færder (X'ania Fjord)	30.15	32	WSW	2	b	30.34	+2.8	27	27	-3	N	2	m	1	32	27	*	*	-	
	Bodö...	29.78	35	WSW	6	c	30.01	+5.4	35	33	+4	SW	4	o	2	36	30	*	*	-	
	Christiansund...	30.08	44	SW	6	o	30.20	+3.0	35	33	-6	2	o	b	3	34	35	*	*	-	
BRITISH ISLANDS.	Skudesnaes...	30.24	41	SE	2	m	30.33	+1.9	38	36	0	SSW	4	m	2	41	36	m	*	-	
	Reykjavik...	29.06	32	N	5	o	28.90	-5.7	37	*	+10	S	1	o	*	*	*	*	*	*	
	Blönduos...	29.30	21	SE	1	S	29.02	-5.6	35	*	+7	2	o	o	*	*	*	*	*	*	
	Seydisfjord...	29.36	33	E	4	c	29.23	-4.5	40	*	+13	2	o	r	*	*	*	*	*	*	
GERMANY, & C.	Thorshavn...	29.78	45	WSW	6	o	29.77	+0.2	44	*	-2	SSW	6	r	*	*	*	*	*	*	
	Sumburgh Head	30.03	43	S	1	o	30.06	+0.8	42	39	+3	WSW	2	b	2	46	38	b, o	*	0.01	
	Stornoway...	29.97	43	S	6	c	29.97	0.0	44	41	+1	SSW	7	cq	6	44	42	cq, cq, o, cq	0.4	-	
	Castlebay (Barra Id.)	29.98	45	SE	5	og	30.02	+0.5	45	43	0	SE	5	o	6	45	42	o, c, om, o, og	2.4	-	
FRANCE.	Malin Head	29.97	40	SE	3	bc	29.92	-0.3	41	40	+3	SE	5	bc	2	45	38	bc	*	-	
	Blacksod Pt.	29.89	45	SE	5	bc	29.95	+0.8	47	44	+3	SE	3	bc	2	47	42	bc, bc, bc	*	-	
	Valencia	29.93	46	SE	5	c	29.96	+1.1	48	45	+1	SE	5	o	4	48	44	o, c	2.2	-	
	Roche's Point	30.00	46	SE	6	o	30.08	+1.5	48	45	+3	S	6	o	6	48	44	cm, o	*	-	
SPANISH PENIN.	Birr Castle	30.00	41	SE	3	bc	30.06	+1.0	45	43	+4	S	3	c	*	47	39	bc, c	2.4	-	
	Donaghadee	30.08	42	SE	3	c	30.18	+1.2	42	40	+5	SE	3	o	2	44	36	bc	*	-	
	Liverpool Obsy...	30.17	42	SE	3	b	30.28	+1.5	30	28	0	SE	3	b	3	42	30	b	5.6	-	
	Holyhead	30.11	44	S	1	b	30.21	+1.4	42	40	+8	SSW	4	b	3	49	34	b	*	-	
GERMANY, & C.	Pembroke (St. Ann's Hd.)	30.07	44	SE	5	b	30.16	+1.6	43	40	+6	SE	6	b	6	45	36	bc, bc	7.7	-	
	Scilly (St. Mary's)	30.01	45	E	4	c	30.10	+2.1	43	40	0	E	4	bc	3	48	42	c	7.5	-	
	Jersey (St. Aubins)	30.08	45	SE	4	b	30.26	+2.8	40	38	+5	NE	4	b	3	48	34	bc, bc	9.3	-	
	Portland Bill	30.14	42	E	6	b	30.27	+2.5	43	43	+1	SE	4	b	4	45	40	b	8.6	-	
FRANCE.	Dungeness	30.20	40	NE	3	m	30.36	+2.5	37	35	+2	SE	3	c	3	43	32	bc, bc, bc	8.8	-	
	Dover	*	*	*	*	*	30.42	+2.5	35	32	+1	SE	2	b	1	43	34	b	9.2	-	
	Wick	30.03	42	S	2	b	30.07	+0.7	41	39	+4	S	2	bc	1	45	35	-	*	-	
	Nairn	30.04	39	SW	1	m	30.08	+0.7	34	31	-2	SW	1	b	1	47	32	b, bc	7.7	-	
GERMANY, & C.	Aberdeen	30.14	39	S	1	b	30.21	+1.4	36	33	+3	SSW	1	b	1	44	32	bc, bc	6.9	-	
	Leith	30.12	40	SSW	1	b	30.22	+1.2	28	27	-3	2	0	bc	*	47	28	b, bc	*	-	
	North Shields	30.19	40	S	3	bc	30.29	+1.6	30	29	-1	SSW	2	bc	2	43	28	bc	*	-	
	Spurn Head	30.24	42	SE	4	b	30.35	+1.9	36	34	-1	S	4	b	3	41	34	b, bc, bc	*	-	
FRANCE.	Yarmouth	30.29	37	SE	3	bc	30.41	+2.0	36	35	0	S	2	bc	3	40	35	bc	9.0	-	
	Clacton-on-Sea	30.28	38	E	2	b	30.41	+2.4	37	34	0	SE	3	b	2	41	36	b, bc	9.1	-	
	Nottingham	30.23	38	SE	2	b	30.36	+1.9	25	24	-2	S	1	bc	*	46	23	b	7.7	-	
	Bath	30.20	41	NE	1	b	30.33	+2.3	32	31	+4	NE	1	b	*	48	28	-	9.0	-	
GERMANY, & C.	Oxford	30.28	32	E	2	b	30.39	+2.2	25	24	-3	SE	1	b	*	47	24	b, bc	*	-	
	London (St. James's Pt)	30.23	40	SE	2	b	30.36	+2.2	34	32	+1	SE	1	bc	*	47	32	b, bc, b	6.9	-	
	The Scaw (Skagen)	30.23	38	NW	5	b	30.35	+2.6	37	36	+1	NW	3	bc	1	41	36	*	*	-	
	Fanö	30.40	33	SW	2	b	30.46	+2.7	31	30	-1	W	1	b	*	39	27	*	*	-	
FRANCE.	Cuxhaven	30.38	31	S	1	f	30.49	+2.2	30	30	-2	WSW	12	b	*	36	30	*	*	-	
	The Helder	30.36	33	SE	1	b	30.50	+2.1	28	27	-3	S	1	b	0	39	27	*	*	-	
	Brussels	*	*	*	*	*	30.46	+2.5	34	30	+5	SE	2	b	*	46	28	*	*	-	
	Berlin	30.32	35	2	0	o	30.43	+2.2	32	35	-2	NW	2	o	*	37	30	*	*	-	
SPANISH PENIN.	Frankfurt	30.41	33	N	1	b	30.57	+1.9	26	26	+2	NE	1	m	*	39	23	*	*	-	
	Munich	30.45	19	SE	2	c	30.50	+0.9	26	26	+22	SW	3	S	*	27	24	*	*	-	
	C. Gris Nez	30.21	39	ENE	2	m	30.38	+2.6	32	29	+4	SE	3	b	2	46	28	*	*	-	
	La Hève	30.17	42	E	4	m	30.32	+2.8	30	29	0	E	4	m	3	46	28	*	*	-	
GERMANY, & C.	Brest	30.02	46	SE	2	b	30.17	+2.8	42	41	+5	SE	4	b	3	50	37	*	*	-	
	Lorient	30.00	45	E	2	b	30.18	+3.0	39	38	+6	E	4	b	5	52	33	*	*	-	
	Rochefort	30.00	33	SE	2	c	30.22	+1.36	39	38	+5	SE	4	b	*	54	34	b, c	*	-	
	Biarritz	29.92	54	E	2	b	30.11	+3.5	48	41	+12	S	2	b	2	59	36	*	*	-	
FRANCE.	Paris	30.21	41	ENE	2	b	30.38	+2.9	26	24	-2	E	1	b	*	48	26	*	*	-	
	Belfort	30.21	32	E	6	m	30.41	+2.6	26	25	+4	ENE	6	m	*	38	22	*	*	-	
	Lyons	30.20	37	NNW	1	b	30.40	+3.0	30	28	+1	E	1	c	*	44	28	*	*	-	
	Nice	30.17	42	E	5	b	30.39	+2.4	33	30	-8	E	4	b	2	48	30	*	*	-	
SPANISH PENIN.	Perpignan	30.09	47	SE	2	o	30.27	+3.8	43	43	-4	SW	2	o	*	55	42	*	*	0.32	
	Sanguinaire	30.04	48	ENE	3	o	30.13	+2.0	43	39	-5	E	2	m	2	57	41	*	*	-	
	Corunna	29.91	54	S	1	b	30.12	+6.2	46	45	-6	E	1	o	*	59	46	*	*	-	
	Lisbon	29.80	61	SW	5	o	29.84	-0.5	54	51	-5	W	4	r	3	63	54	*	*	0.08	

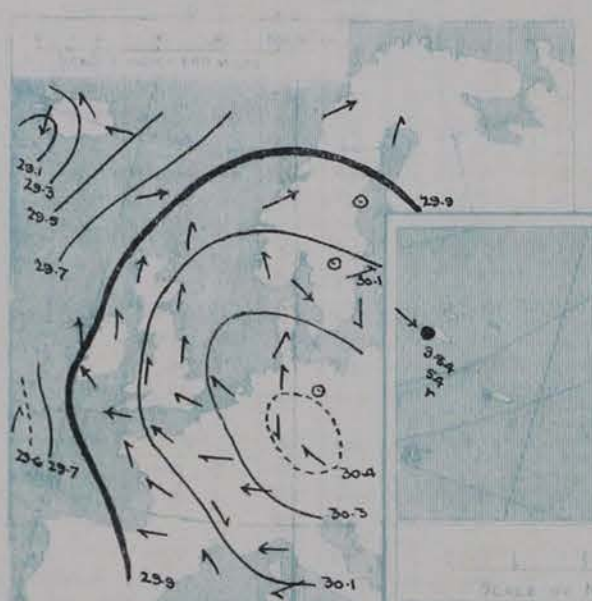


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

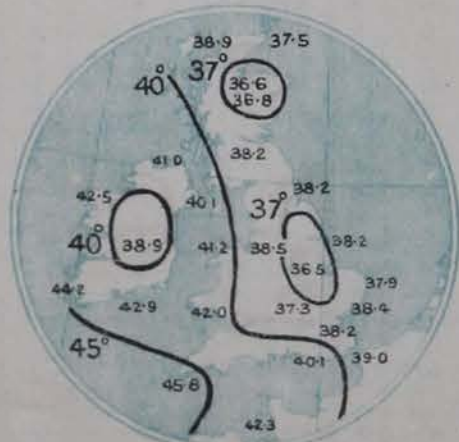
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

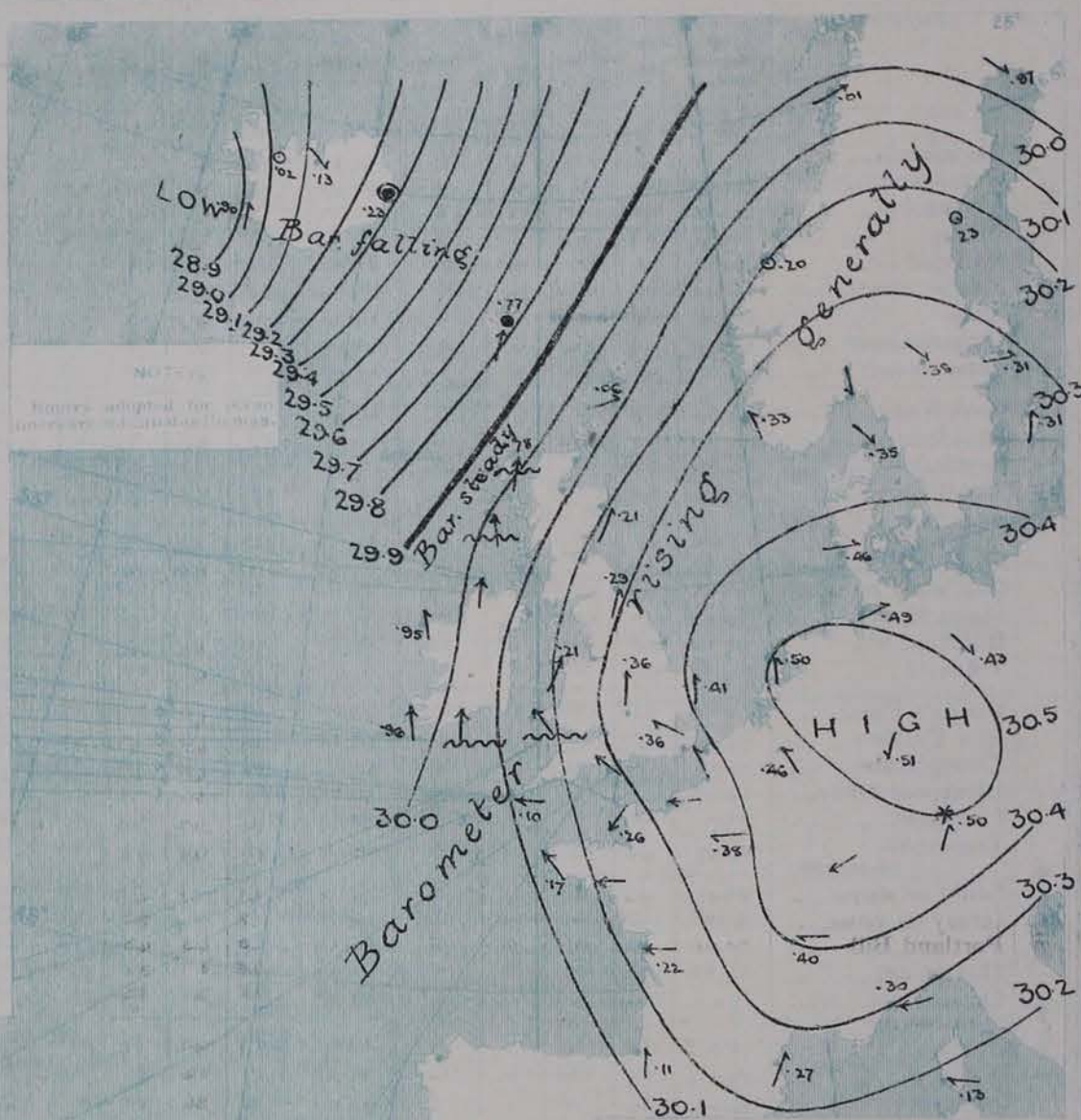


Saturday,

WEATHER

20<sup>th</sup> Feb.

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.

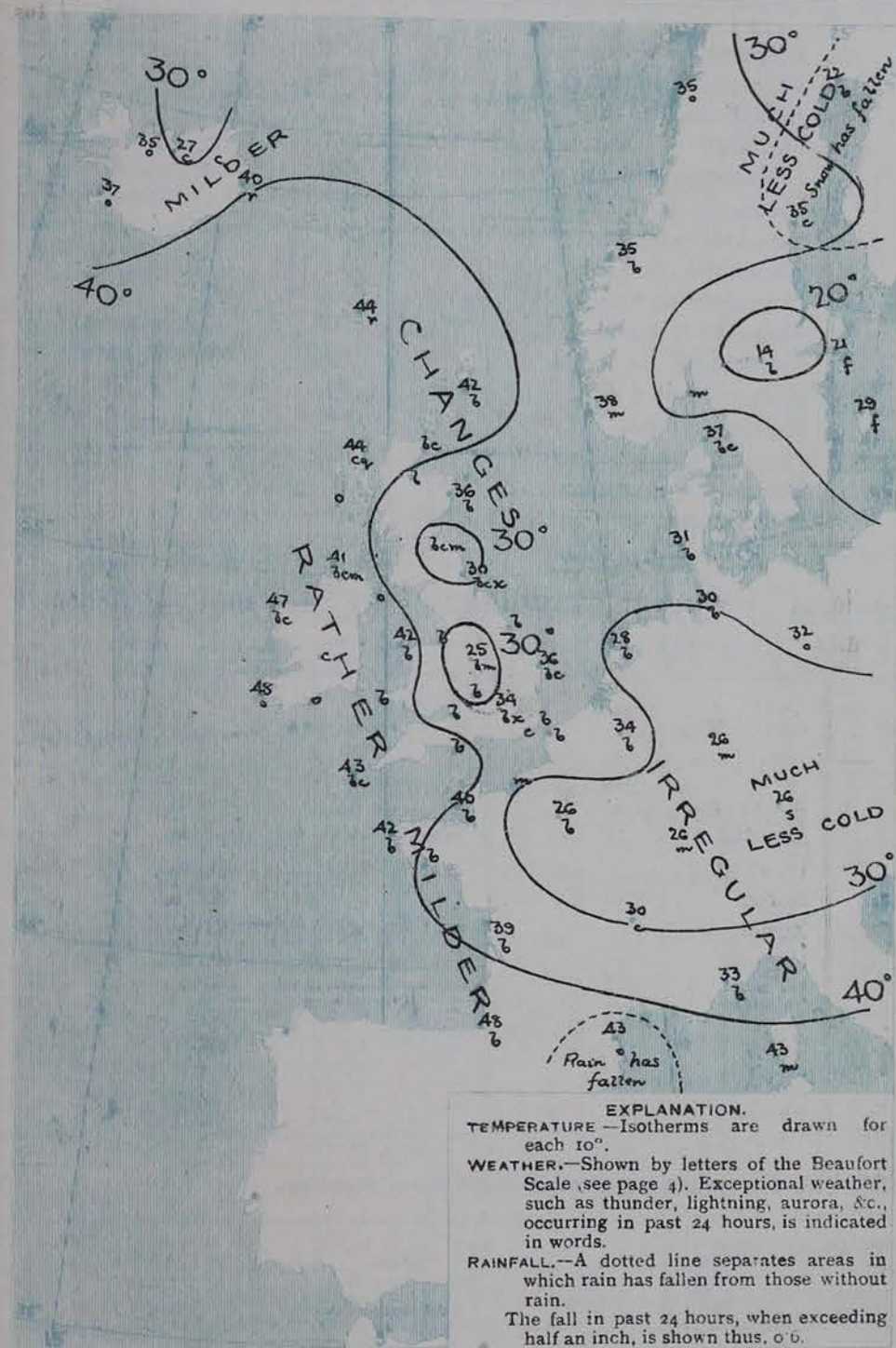
The central portion of the anticyclone now covers Holland and the western portion of Germany, where the barometer is above 30.5 ins. The lowest pressure, 28.9 ins., is reported from the west of Iceland.

The wind remains between East and South-East over France and the south of England, and Southerly over all our western and northern districts, and between these Islands and Iceland, while over Scandinavia and Denmark it draws into west. Strong breezes prevail at Kembroke and on the south coast of Ireland, and a high wind is reported at Stormoway. Temperature has changed little in these Islands, and irregularly on the Continent. Over this country it ranges from 48° in the south of Ireland to 30° or below at several stations in Great Britain, and to 25° at Nottingham. Fine weather prevails in most parts of the United Kingdom and also over the western countries of the Continent. At some stations on our extreme western coasts, however, and in the Icelandic region, the sky is cloudy or overcast, and rain is falling at Thorshavn and Seydisfjord. At Berlin there is much cloud, and at Munich some snow is falling.



# CHARTS 20<sup>th</sup> February, 1909

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



### NOTES ON YESTERDAY'S WEATHER

During yesterday the temperature rose to above 45° in various parts of the United Kingdom, but only touched 40° at Yarmouth. During the night the thermometer fell to 24° at Oxford, and to 23° at Nottingham. At Oxford the minimum temperature on the grass was as low as 15°. The duration of bright sunshine was extremely large except in Ireland and the Hebrides; at many southern stations the record equalled or exceeded nine hours.

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

The anticyclone seems likely to maintain its influence over the greater part of the United Kingdom for the present. The depression over the Icelandic region is likely, however, to cause an increase in the force of the southerly wind on our most north-western and northern coasts, and some rain may be expected locally in these districts.

## FORECASTS

For the 24 hours commencing at  
NOON TO DAY

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

- 0 } Southerly or South-Westerly winds, fresh or strong at times; fair to dull, with some rain; moderate temperature.  
Same as Nos. 1 and 2.
- 1 } Wind mainly southerly, light or moderate;
- 2 } generally fair or fine; temperature rather low; frost inland at night.
- 3 } Wind between South and East, light or
- 4 } moderate; generally fair or fine, air dry;
- 5 } frost again at night. Mist locally.
- 6 } Same as No. 0a.
- 7 } Moderate southerly winds; fair or fine; frost at night; mist locally.
- 8 } Easterly or South-Easterly winds, moderate or fresh; fair or fine; rather cold; frost at night.
- 9 } Wind mainly southerly, fresh or strong
- 10 } in places; generally fair or fine, dull at times; moderate temperature.

### 11 WESTERN CHANNEL AND BAY

South-easterly and Easterly winds, moderate to fresh; sea moderate; generally fair or fine, some mist.

### FORECAST DISTRICTS.

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

Signals hoisted yesterday.

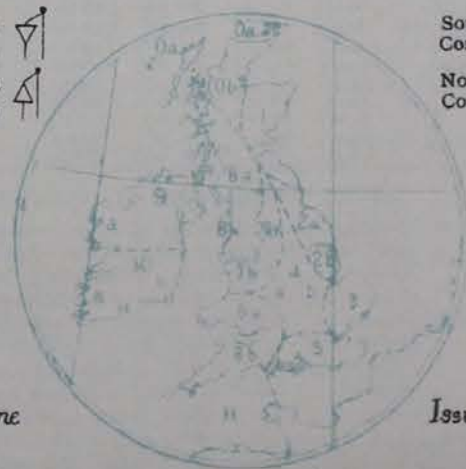
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.



## DAILY WEATHER REPORT.

Saturday, 20th February, 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	40	bc, b	*	-	Brighton, to 6 p.m. ...	47	33	*	5.4	-
Rossall Beach, to 6 p.m....	46	29	bc, b	*	-	Eastbourne, to 6 p.m. ...	44	35	*	9.0	-
Blackpool, to 9 p.m. ...	46	30	b, bc	8.0	-	Bexhill-on-Sea, to 9 p.m.	44	36	b	8.7	-
Southport, to 9 p.m. ...	45	30	b	7.3	-	Hastings ... ..	*	*	*	9.2	*
Rhyl, to 6 p.m. ... ..	47	30	*	8.7	-	Folkestone, to 6 p.m. ...	42	33	b, bc	8.8	-
Colwyn Bay, to 6 p.m. ...	49	32	b, bc, c	8.5	-	Ramsgate, to 6 p.m. ...	*	*	*	9.1	-
Llandudno, to 9 p.m. ...	47	32	bc, b, bc	8.8	-	Margate, to 6 p.m. ...	43	33	b	9.2	-
Bettws-y-Coed, to 6 p.m.	49	27	b	8.5	*	Felixstowe, to 6 p.m. ...	42	37	*	9.0	-
Towyn, to 6 p.m. ... ..	50	34	b	9.0	-	Lowestoft, to 6 p.m. ...	43	33	bc	8.9	-
Aberystwyth, to 6 p.m. ...	51	36	*	8.0	-	Skegness, to 6 p.m. ...	43	35	b	9.1	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	44	33	bc	8.0	-
Torquay, to 6 p.m. ... ..	47	40	*	8.7	-	Harrogate, to 6 p.m. ...	43	27	o, bc, b	7.7	-
Weymouth, to 6 p.m. ...	44	35	b	8.6	-	Buxton, to 6 p.m. ... ..	44	23	b	8.8	-
Bournemouth, to 6 p.m. ...	45	30	b	8.8	-	Darwen, to 9 p.m. ... ..	43	27	bc, b	6.5	-
Southsea, to 6 p.m. ...	44	32	*	8.7	-	Manchester, to 9 p.m. ...	47	31	b	8.0	-
Worthing, to 6 p.m. ...	43	33	b	9.3	-	Birmingham, to 9 p.m. ...	45	28	b	7.1	-

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

STATIONS. 19th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 19th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ... ..	not	received.		Ins.	St. Petersburg ... ..	10	0	f, s	-
Marseilles ... ..	54	43	o, o	-	Utrecht ... ..	43	23	b, m	-
Malta ... ..	51	43	o	-	Groningen ... ..	45	27	b, b	-
Algiers ... ..	70	54	c, b	-	Berne ... ..	*	*	b, bc	-
Tunis ... ..	63	39	b, c	-	Zurich ... ..	*	*	b, b	-
Palermo ... ..	51	32	b, f	-	Geneva ... ..	*	*	b, o	-
Naples ... ..	43	33	b, b	-	Lugano ... ..	*	*	b, b	-
Brindisi ... ..	44	31	b, bc	-	Coire ... ..	32	*	b	Measured 7.50 a.m. 0.04
Florence ... ..	47	26	b, b	-	Castasegna ... ..	34	*	b	-
Rome ... ..	48	32	b, c	-	Davos ... ..	21	*	b	0.16
Vienna ... ..	32	16	c, o	-					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Direc.	Force.		Air.		Sea.			Lat.	Long.		Direc.	Force.	
							Dry Bulb.	Wet Bulb.									
	°	°	Ins.				°	°	°			°	°	Ins.			
Empress of Ireland { 7th Feb. 4 a.m. " " 7 a.m.	47 N	42 W	29.28	W	4-5	b	.	.	.	.	Mauretania { 16th Feb. 3 p.m. " " 6 p.m.	44 N	41 W	29.83	W	4-5	.
	47 N	40 W	30.06	NNW	4-5	b	.	.	.	.		43 N	42 W	29.63	S	1-3	γ
(This message was received on the 19th February)																	
Teutonic { 15th Feb. 4 a.m. " " 7 a.m.	43 N	45 W	30.18	N	4-5	c	.	.	.	.	Baltic { " " 3 p.m. " " 6 p.m.	45 N	38 W	30.15	SW	4-5	.
	42 N	46 W	30.22	N	6-7	c	.	.	.	.		44 N	39 W	29.96	NW	6-7	o
Philadelphia { 16th " 3 p.m. " " 6 p.m. 17th " 4 a.m. " " 7 a.m. " " 3 p.m. " " 6 p.m. 15th " 4 a.m. " " 7 a.m. " " 3 p.m. " " 6 p.m. 19th " 4 a.m. " " 7 a.m. " " 3 p.m. " " 6 p.m.	41 N	45 W	29.77	W	6-7	-	.	.	.	.	Vaderland { 17th " 4 a.m. " " 7 a.m.	47 N	31 W	29.47	E	4-5	.
	42 N	44 W	29.58	W	6-7	o	.	.	.	.		46 N	32 W	29.31	N	8-9	γ
	43 N	40 W	29.54	NNW	8-9	o	.	.	.	.	Protoria { 18th " 7 a.m. " " 6 p.m.	49 N	22 W	28.94	ENE	8	.
	44 N	38 W	29.54	NNW	8-9	o	.	.	.	.		48 N	25 W	29.87	NNE	7	.
	45 N	35 W	29.65	NNW	8-9	.	.	.	.	.	Adriatic { 19th " 4 a.m. " " 7 a.m.	51 N	14 W	29.59	ESE	6-7	.
	45 N	34 W	29.60	NNW	8-9	c	.	.	.	.		50 N	15 W	29.53	SE	6-7	o
	46 N	30 W	29.49	NNW	8-9	c	.	.	.	.	Kaiser Wilhelm II. " " 7 a.m.	49 N	22 W	29.87	SW	4	-
	46 N	29 W	29.41	NNW	8-9	s	.	.	.	.							
	47 N	26 W	29.21	NNW	8-9	o	.	.	.	.							
	47 N	24 W	29.22	NNW	8-9	o	.	.	.	.							
48 N	20 W	29.29	SSW	4-5	o	.	.	.	.								
48 N	19 W	29.31	SSW	4-5	bc	.	.	.	.								
49 N	14 W	29.49	S	4-5	o	.	.	.	.								
49 N	13 W	29.51	S	4-5	o	.	.	.	.								

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

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

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

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

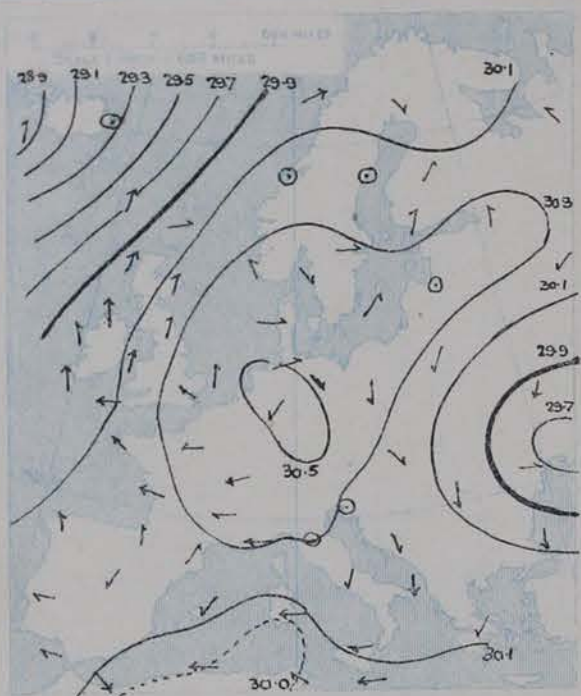
Sunday,  
21st February, 1909.

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.	Dir.	Force (0 to 12).	At 82° 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...	30.15	27	SW	2	o	30.20	+23	28	28	+6	S	2	c	*	30	21	*	*	-	
	Hernösand ...	30.33	25	2	0	f	30.41	+18	25	23	-10	WNW	2	c	*	43	25	*	*	-	
	Stockholm ...	30.50	30	W	2	b	30.46	+15	24	22	+3	WSW	2	b	*	34	19	*	*	-	
	Wisby ...	30.44	28	N	2	f	30.46	+15	26	24	-3	SE	2	f	*	32	26	*	*	-	
	Karlstad ...	30.51	24	2	0	f	30.54	+16	18	17	+4	WNW	2	o	*	*	*	*	-		
	Færder (X'ania Fjord)	30.45	30	SW	1	m	30.50	+16	26	26	-1	NNE	1	f	1	30	25	*	*	-	
	Bodö ...	30.11	39	SW	6	r	30.23	+22	41	39	+6	SW	6	r	3	41	32	*	*	-	
ICELAND & FAEROE.	Christiansund ...	30.30	37	2	0	b	30.40	+20	38	34	+3	ESE	1	c	3	45	35	*	*	-	
	Skudesnaes ...	30.46	40	SE	2	b	30.50	+17	36	33	-2	ESE	2	b	2	43	34	m. b	*	-	
	Reykjavik ...	29.29	39	E	5	o	29.25	+35	39	*	+2	SSE	1	c	*	*	*	*	*	-	
	Blönduos ...	29.23	43	S	4	c	29.36	+34	40	*	+5	S	3	c	*	*	*	*	*	-	
BRITISH ISLANDS.	Seydisfjord ...	29.44	52	W	5	b	29.48	+25	51	*	+11	S	8	b	*	*	*	*	*	-	
	Thorshavn ...	29.91	47	SW	6	o	30.00	+23	46	*	+2	SSW	5	c	*	*	*	*	*	-	
	Sumburgh Head	30.20	42	SW	1	b	30.25	+19	40	38	-2	S	3	b	2	46	38	b	*	-	
	Stornoway ...	30.09	45	SSW	7	c	30.13	+16	45	42	+1	S	7	bc	6	48	43	cg. bcg	0.5	-	
GERMANY, & C.	Castlebay (Barra Id.)	30.08	46	SE	6	om	30.13	+11	46	44	+1	SSE	6	om	6	47	44	om	0.0	-	
	Malin Head ...	30.02	47	S	5	bc m	30.09	+17	45	44	+4	S	4	cgq	2	48	41	bcqm. cgq	*	-	
	Blacksod Pt. ...	29.93	49	SSE	6	c	29.98	+03	51	48	+4	SSE	5	bc	4	51	45	bc. bc m	*	-	
	Valencia ...	29.98	50	SSE	6	o	29.98	+02	50	50	+2	SSE	6	o	5	53	48	og. c	0.0	-	
FRANCE.	Roche's Point ...	30.11	48	S	6	o	30.13	+05	48	48	0	SSE	6	o	6	49	48	om	*	-	
	Birr Castle ...	30.08	48	S	5	o	30.13	+07	47	46	+2	SSE	6	og	*	52	45	o	5.0	-	
	Donaghadee ...	30.22	45	ESE	3	c	30.35	+17	45	43	+3	SSE	3	o	2	48	41	bc	*	-	
	Liverpool Obsy...	30.34	42	ESE	3	b	30.40	+12	31	30	+1	ESE	4	b	3	46	30	b	8.6	-	
SPANISH PENIN.	Holyhead ...	30.25	48	SSW	3	b	30.28	+07	45	43	+3	S	4	b	3	52	40	b	*	-	
	Pembroke (St. Ann's Hd.)	30.20	46	SE	4	b	30.27	+11	44	42	+1	SE	6	bmur	6	48	40	bm. bc m	8.2	-	
	Scilly (St. Mary's) ...	30.17	49	SE	5	c	30.20	+10	46	43	+3	SSE	5	c	3	52	42	bc. c	8.0	-	
	Jersey (St. Aubins) ...	30.33	47	ESE	3	b	30.40	+14	40	38	0	ESE	3	b	3	50	37	bm. b	9.6	-	
GERMANY, & C.	Portland Bill ...	30.35	43	E	4	b	30.38	+11	44	43	+1	ESE	4	b	4	46	42	b	9.0	-	
	Dungeness ...	30.40	41	E	3	bc	30.46	+10	40	38	+3	SE	3	bc	3	44	34	bc. bc x	7.5	-	
	Dover ...	*	*	*	*	*	30.51	+09	39	37	+4	ESE	1	b	0	45	33	b. bc. f. x	9.5	-	
	Wick ...	30.16	42	S	3	b	30.21	+14	43	40	+2	S	3	b	3	47	39	-	*	-	
FRANCE.	Nairn ...	30.17	44	W	1	b	30.22	+14	41	38	+7	W	1	b	1	52	34	b. b3	5.2	-	
	Aberdeen ...	30.27	40	S	1	b	30.36	+15	38	37	+2	S	2	b	2	46	35	b3. x	7.5	-	
	Leith ...	30.28	32	2	0	b	30.34	+12	29	28	+1	E	1	bx	*	43	27	bc b3. b	*	-	
	North Shields ...	30.33	39	S	3	cm	30.40	+11	29	29	-1	S	2	bcx	2	44	27	cm	*	-	
GERMANY, & C.	Spurn Head ...	30.39	40	SSE	4	b	30.47	+12	34	34	-2	S	3	b	3	42	34	b. bx. bmx	*	-	
	Yarmouth ...	30.47	38	SE	3	bc	30.55	+14	36	36	0	SE	2	bc	3	43	34	bc	9.1	-	
	Clacton-on-Sea ...	30.46	39	ESE	2	b	30.55	+14	37	36	0	ESE	2	b	0	41	36	b. bmx	9.1	-	
	Nottingham ...	30.40	38	SE	1	b	30.47	+11	24	23	-1	E	1	bm	*	49	22	b	7.5	-	
FRANCE.	Bath ...	30.41	39	NE	1	b	30.44	+11	34	33	+2	NE	1	b	*	51	32	-	9.2	-	
	Oxford ...	30.44	38	SSE	2	b	30.50	+11	27	26	+2	SE	2	b	*	49	25	b. m	*	-	
	London (St. James's Pl)	30.41	42	SE	1	b	30.49	+13	35	34	+1	SE	2	bx	*	49	33	b	7.6	-	
	The Scaw (Skagen)	30.48	34	2	0	m	30.49	+14	33	31	-4	Z	0	m	0	41	30	*	*	-	
GERMANY, & C.	Fanø ...	30.54	31	NW	3	b	30.62	+16	24	24	-7	NE	2	f	*	39	23	*	*	-	
	Cuxhaven†...	30.53	37	NW	2	b	30.56	+07	29	100	-1	E	1	fx	*	39	28	*	*	-	
	The Helder ...	30.56	37	SE	2	b	30.56	+06	30	29	+2	SSE	1	b	0	46	27	*	*	-	
	Brussels ...	*	*	*	*	*	30.56	+10	33	30	-1	ENE	1	b	*	50	32	*	*	-	
FRANCE.	Berlin†...	30.49	32	N	1	o	30.49	+06	30	91	-2	N	1	o	*	36	28	*	*	-	
	Frankfurt†...	*	*	*	*	*	30.49	+06	30	91	-2	N	1	o	*	36	28	*	*	-	
	Munich†...	30.50	30	W	4	o	30.53	+03	24	100	-2	NW	2	b	*	34	23	*	*	-	
	C. Gris Nez ...	30.43	41	ESE	3	b	30.47	+09	37	37	+5	SSE	2	m	1	48	32	*	*	-	
FRANCE.	La Hève ...	30.40	43	ESE	4	m	30.48	+16	34	32	+4	E	4	m	3	46	30	*	*	-	
	Brest ...	30.25	49	SSE	5	b	30.32	+15	44	41	+2	ESE	4	b	3	52	41	*	*	-	
	Lorient ...	30.23	45	SE	3	b	30.32	+14	39	38	0	E	4	b	3	52	37	*	*	-	
	Rocheport ...	30.28	52	ESE	2	b	30.34	+12	36	36	-3	E	3	b	2	59	34	*	*	-	
FRANCE.	Biarritz ...	30.26	56	S	2	b	30.28	+17	46	41	-2	SE	3	b	1	61	45	*	*	-	
	Paris ...	30.43	41	ESE	2	b	30.49	+11	28	27	+2	NE	2	b	*	49	26	*	*	-	
	Belfort...	30.39	35	?	?	m	30.45	+04	25	24	-1	ENE	7	m	*	42	24	*	*	-	
	Lyons ...	30.39	36	NNW	1	b	30.36	-04	31	29	+1	N	1	b	*	42	29	*	*	-	
SPANISH PENIN.	Nice ...	30.28	40	E	1	b	30.26	-04	39	34	+6	E	2	b	2	48	33	*	*	-	
	Perpignan ...	30.30	54	SE	1	b	30.24	-03	35	34	-8	Z	0	b	*	54	39	*	*	-	
	Sanguinaire ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
	Corunna ...	30.17	61	SSE	1	b	30.25	+12	52	49	-2	S	3	bc	2	66	46	*	*	-	
SPANISH PENIN.	Lisbon ...	30.18	56	SSE	1	o	30.23	+11	53	50	+7	ESE	3	o	*	59	46	*	*	-	
	Azores (P. Delgada)...	30.06	51	NNW	3	r	30.17	+30	48	43	-10	NW	4	b	3	63	46	*	*	0.04	
	" Horta ...	30.09	47	NW	3	o	30.20	+36	48	45	-6	WNW	3	r	3	63	46	*	*	0.12	

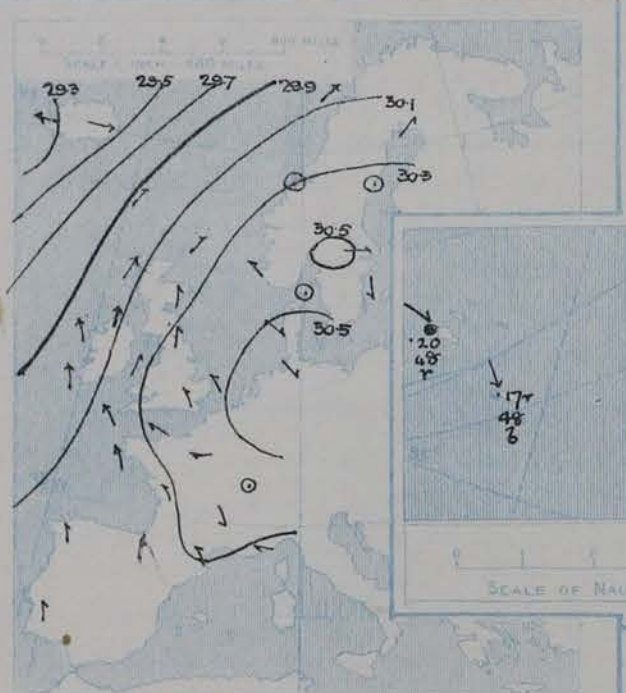


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

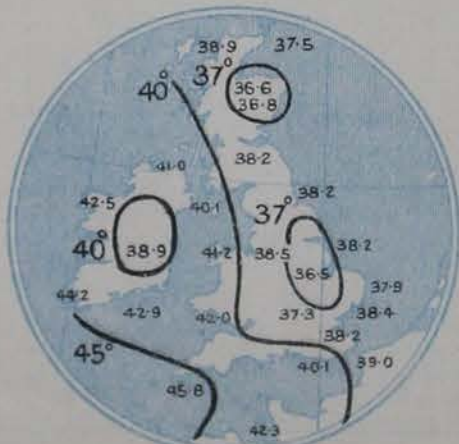
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

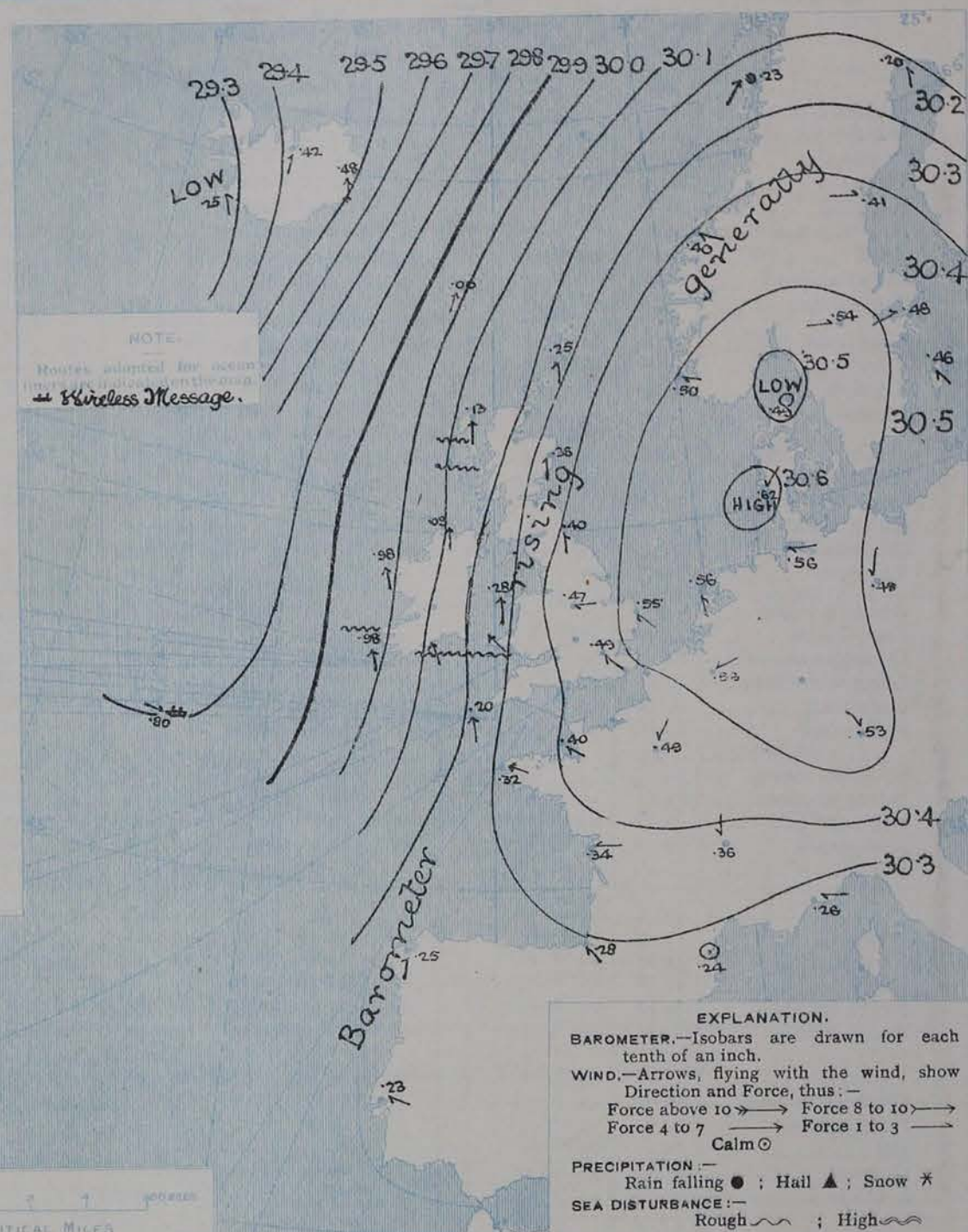


AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF FEBRUARY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Sunday, WEATHER 21<sup>st</sup> Feb.

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.

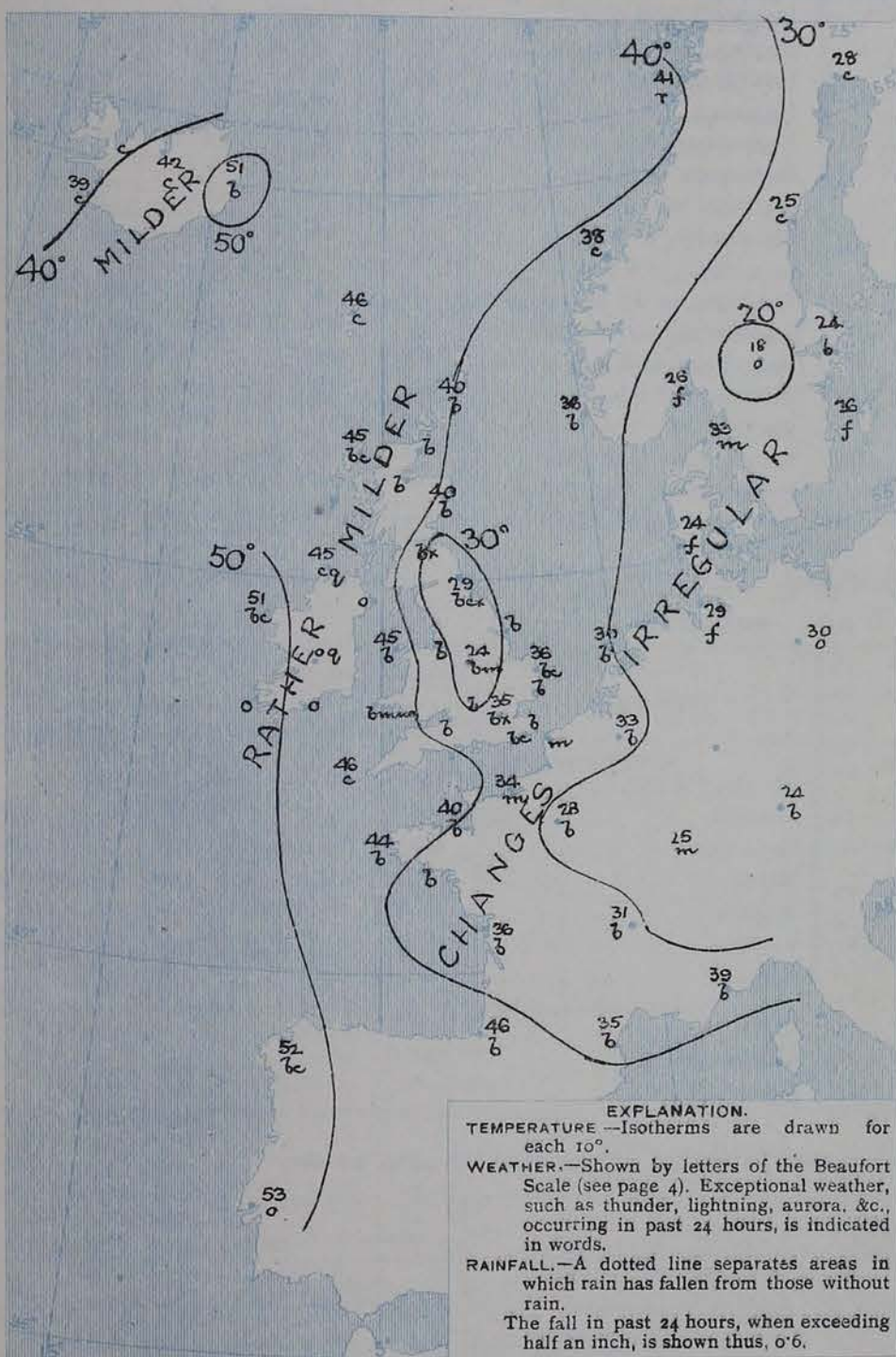
The weather over Western Europe remains under the influence of a large anticyclone, and the barometer continues to rise generally. Pressure now ranges from 30.5 ins. and upwards over Denmark, the Netherlands, Western Germany, the south of Scandinavia and the greater part of the North Sea to 29.3 ins. and less in a depression lying to the west of Ireland.

The wind circulates round the region of highest pressure, and is light or moderate generally, but in the Hebrides and on the south coast of Ireland the southerly current is strong or high in force. Temperature has risen in the west and north of our Islands but has fallen in most other regions. Frost prevails over north and central England, and also over a considerable portion of the Continent, but on our extreme west and south-west coasts the thermometer is above 45°, and at Blackpool Point it is as high as 51°. The weather remains fine over Western Europe generally, but is dull at many of the Irish stations. Fog prevails in Denmark, North Germany and the south of Scandinavia, and rain is falling at Christiania and the sea is rough off the south coasts of Ireland and Wales, and in the neighbourhood of the Hebrides, but moderate or slight elsewhere.



# CHARTS 21<sup>st</sup> February, 1909.

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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and above at several of our western stations and also at Ayr, to 54° at Colwyn Bay and to 57° at Lough; on the east coasts of Great Britain it did not reach 45°. The amount of bright sunshine was again large at all but the Irish stations; in many parts of England and Wales the duration exceeded 9 hours. Since yesterday there has been an entire absence of rain at all the home and Continental stations from which morning reports are received.

## 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

8 { a  
b

9

10 { a  
b

## 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.

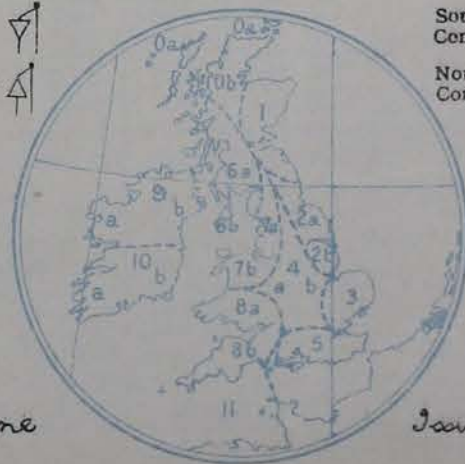
Signals hoisted this morning.

South  
Cone.

South  
Cone.

North  
Cone.

North  
Cone.





## DAILY WEATHER REPORT.

Sunday, 21st February 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. ...	50	40	cq. 8, bc	*	*	Brighton, to 6 p.m. ...	*	*	*	*	*
Rossall Beach, to 6 p.m. ...	47	31	bx. 8m	*	-	Eastbourne, to 6 p.m. ...	*	*	*	*	*
Blackpool, to 9 p.m. ...	47	31	6	8.0	-	Bexhill-on-Sea, to 9 p.m. ...	43	?	*	9.1	-
Southport, to 9 p.m. ...	48	31	6	7.7	-	Hastings ...	*	*	*	9.5	*
Rhyl, to 6 p.m. ...	*	*	*	9.2	-	Folkestone, to 6 p.m. ...	44	35	6	9.2	-
Colwyn Bay, to 6 p.m. ...	54	34	0	8.8	-	Ramsgate, to 6 p.m. ...	*	*	*	9.3	-
Llandudno, to 9 p.m. ...	50	37	bc, 6	8.9	-	Margate, to 6 p.m. ...	46	33	6	9.0	-
Bettws-y-Coed, to 6 p.m. ...	*	*	*	*	*	Felixstowe, to 6 p.m. ...	41	38	*	9.3	-
Towyn, to 6 p.m. ...	57	40	6	9.3	-	Lowestoft, to 6 p.m. ...	*	*	*	*	*
Aberystwyth, to 6 p.m. ...	52	42	*	8.6	-	Skegness, to 6 p.m. ...	45	35	6	9.2	-
Plymouth, to 9 p.m. ...	51	37	6, 3v	9.0	-	Scarborough, to 9 p.m. ...	47	32	bc	8.5	-
Torquay, to 6 p.m. ...	50	42	*	9.2	-	Harrogate, to 6 p.m. ...	45	22	6, bc, 6	7.0	-
Weymouth, to 6 p.m. ...	47	38	6	9.0	-	Buxton, to 6 p.m. ...	44	26	6	9.1	-
Bournemouth, to 6 p.m. ...	46	33	6	9.2	-	Darwen, to 9 p.m. ...	45	31	bc	7.5	-
Southsea, to 6 p.m. ...	*	*	*	*	*	Manchester, to 9 p.m. ...	50	29	6	7.8	-
Worthing, to 6 p.m. ...	*	*	6	9.6	-	Birmingham, to 9 p.m. ...	50	29	6	8.5	-

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

STATIONS. 20th February, 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 20th February, 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	*	*	*	Ins.	St. Petersburg ...	14	?	c, 0	Ins.
Marseilles ...	52	32	6, bc	-	Utrecht ...	43	27	6, 6	-
Malta ...	55	46	r	0.12	Groningen ...	46	28	6, 6	-
Algiers ...	66	54	c, c	-	Berne ...	?	*	6, m	-
Tunis ...	63	43	6, 0	-	Zurich ...	?	?	6, 6	-
Palermo ...	52	42	c, r	0.16	Geneva ...	?	*	6, 0	-
Naples ...	44	33	6, 6	-	Lugano ...	?	*	6, 6	-
Brindisi ...	43	32	bc, c	-	Coire ...	36	*	6	Measured 7.30 a.m.
Florence ...	46	25	6, 6	-	Castasegna ...	34	*	6	-
Rome ...	47	30	6, 6	-	Davos ...	25	*	6	-
Vienna ...	41	30	0, 0	-					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Feb. 15th 3 p.m.	42° N.	44° W.	30.27	NNE	4-5	o	o	o	o		Feb. 15th 7 a.m.	42° N.	44° W.	30.24	NNE	5	
" 6 p.m.	42° N.	43° W.	30.25	NNE	4-5	o					Feb. 16th 3 p.m.	46° N.	22° W.	29.85	NW	4-5	
Feb. 16th 4 a.m.	42° N.	41° W.	30.27	NNE	1-3	o					" 7 p.m.	46° N.	33° W.	29.78	NNW	6-7	c
" 7 a.m.	44° N.	40° W.	30.24	NNE	1-3	o					Feb. 17th 4 a.m.	45° N.	37° W.	29.47	N	8-9	
" 3 p.m.	42° N.	38° W.	30.06	SW	1-3	o					" 7 a.m.	45° N.	38° W.	29.65	N	8-9	c
" 6 p.m.	45° N.	36° W.	29.94	SSW	1-3	r					Feb. 16th 4 a.m.	46° N.	35° W.	30.13	NNW	4-5	
Feb. 17th 4 a.m.	46° N.	35° W.	29.89	NNE	6-7	c					" 7 a.m.	46° N.	36° W.	30.18	NW	4-5	
" 7 a.m.	46° N.	34° W.	29.87	NNE	8-9	c					Feb. 17th 4 a.m.	43° N.	43° W.	30.20	NNE	6-7	o
" 3 p.m.	47° N.	23° W.	29.71	NNW	8-9	c					" 7 a.m.	43° N.	44° W.	30.32	NNE	4-5	o
" 6 p.m.	47° N.	32° W.	29.71	NNW	8-9	bc					Feb. 17th 7 a.m.	48° N.	36° W.	29.47	N	8-9	
Feb. 18th 4 a.m.	47° N.	20° W.	29.74	NNW	6-7	c					" 7 a.m.	48° N.	37° W.	29.56	NNW	8-9	o
" 7 a.m.	47° N.	29° W.	29.74	NNW	6-7	c					" 3 p.m.	47° N.	38° W.	29.83	NNW	8-9	
" 3 p.m.	48° N.	27° W.	29.67	NNW	4-5	o					" 6 p.m.	47° N.	39° W.	29.37	NNW	4-5	c
" 6 p.m.	48° N.	26° W.	29.63	NNW	4-5	o					Feb. 19th 2 a.m.	47° N.	28° W.	29.25	SW	1	
Feb. 19th 4 a.m.	49° N.	24° W.	29.57	S	1-3	c					Kaiser Wilhelm II Feb. 19th 6 p.m.	48° N.	28° W.	29.17	WSW	5	
" 7 a.m.	49° N.	23° W.	29.57	SSW	4-5	c					Feb. 19th 3 p.m.	50° N.	19° W.	29.33	SSW	6-7	
" 3 p.m.	49° N.	20° W.	29.56	S	6-7	m					" 6 p.m.	50° N.	20° W.	29.24	SSW	6-7	o
" 6 p.m.	50° N.	20° W.	29.58	S	6-7	m					Feb. 20th 3 p.m.	49° N.	24° W.	29.08	S	6-7	
Feb. 20th 4 a.m.	50° N.	17° W.	29.72	S	6-7	m					" 7 a.m.	49° N.	25° W.	29.16	SW	6-7	6
" 7 a.m.	50° N.	16° W.	29.74	S	6-7	m					" 6 p.m.	51° N.	24° W.	30.01	S	4-5	
" 3 p.m.	50° N.	13° W.	29.83	S	6-7	m					Feb. 20th 3 p.m.	51° N.	10° W.	30.00	SSW	4-5	o
" 6 p.m.	50° N.	12° W.	29.89	S	6-7	m					" 7 a.m.	48° N.	34° W.	30.06	N	6-7	

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

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

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

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

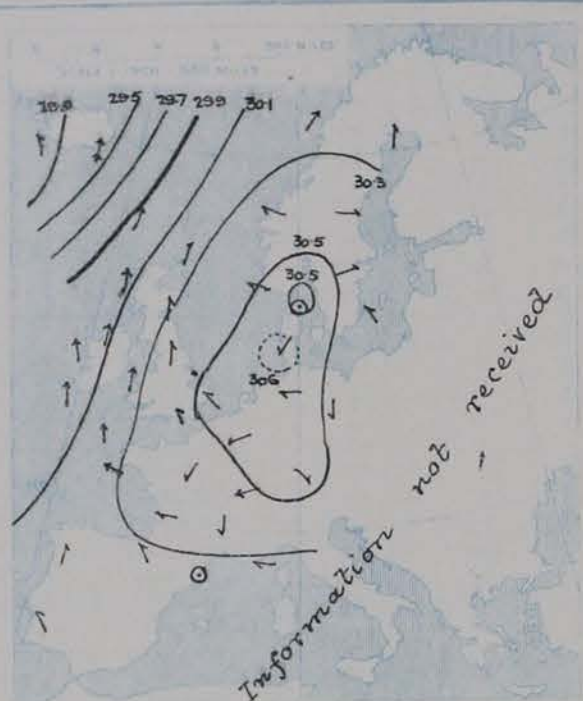
(Monday,  
22nd February 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.					Temp.				
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.					Ins.	Ins.												Hours.	Ins.
SCANDINAVIA.	Haparanda...	30.34	16	N	2	b	30.53	+33	10	10	-18	2	0	f			34	210	*	*	-
	Hernösand...	30.46	27	2	0	b	30.52	+11	21	20	-4	2	0	f			45	19	*	*	-
	Stockholm...	30.49	31	WNW	2	o	30.53	+07	30	28	+6	2	0	o			36	23	*	*	-
	Wisby...	30.49	30	SE	2	o	30.52	+06	32	30	+6	2	0	o			34	23	*	*	-
	Karlstad...	30.56	18	2	0	f	30.57	+03	11	11	+7	2	0	b			*	*	*	*	-
	Færder (X'ania Fjord)	30.53	24	2	0	f	30.52	+02	23	23	+2	NNE	1	m			28	23	*	*	-
	Bodø...	30.43	40	SW	4	c	30.41	+16	36	23	-5	ESE	2	b			41	34	*	*	0.05
ICELAND & FAEROE.	Reykjavik...	29.35	40	SSE	3	c	29.78	+53	35	*	-4	SSE	3	c			*	*	*	*	*
	Blönduós...	29.41	41	S	3	bc	29.81	+45	33	*	-7	S	2	c			*	*	*	*	*
	Seydisfjörður...	29.56	46	WSW	4	bc	29.83	+35	41	*	-10	SW	2	b			*	*	*	*	*
	Thorshavn...	30.00	46	S	6	o	30.07	+07	44	*	-2	2	0	c			*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.25	44	S	4	b	30.29	+04	44	42	+4	S	3	b			47	40	b	*	-
	Stornoway...	30.10	49	S	5	o	30.22	+09	45	45	0	SSW	7	r			50	44	cg, c, cmg	0.0	0.01
	Castlebay (Barra Id.)	30.15	48	SE	6	cm	30.24	+11	46	46	0	SSW	3	rm			48	45	cm, p, cm	0.0	0.13
	Malin Head	30.06	50	S	5	cmg	30.23	+14	45	45	0	S	3	ogp			52	44	cg, b, m, q	*	0.01
	Blacksod Pt.	29.99	52	SSE	7	rmg	30.29	+31	45	45	-6	WNW	1	c			54	44	bc, cm, p	*	0.24
	Valencia...	30.06	51	SSE	4	rm	30.28	+30	47	46	-7	2	0	-o			53	46	rm, c	0.0	0.90
	Roche's Point...	30.20	49	S	6	o	30.30	+17	48	48	0	SE	5	r			50	48	cm, o, or	*	0.18
	Birr Castle...	30.17	49	S	6	o	30.30	+17	47	46	0	S	1	a			53	45	og, r, o	0.1	0.15
	Donaghadee...	30.31	47	SE	7	c	30.38	+13	45	42	0	SSW	3	c			49	43	bc, m, bc	*	-
	Liverpool Obsy...	30.42	43	ESE	4	b	30.48	+08	33	30	+2	ESE	3	b			48	31	b, bc	8.4	-
	Holyhead...	30.33	50	S	4	b	30.41	+13	45	44	0	S	4	bc			53	43	bc, b	*	-
	Pembroke (St. Ann's Hd.)	30.32	46	SE	5	bc	30.41	+14	43	41	-1	SE	4	cg			48	42	bc	7.1	-
	Scilly (St. Mary's)	30.29	50	ESE	5	o	30.35	+15	47	44	+1	SE	3	c			52	45	c, o	5.5	-
	Jersey (St. Aubins)	30.43	47	E	1	b	30.44	+04	36	34	-4	NE	3	b			50	35	bm, bm, x	9.8	-
	Portland Bill	30.43	44	ENE	4	b	30.46	+08	42	41	-2	E	3	bm			47	40	b	9.0	-
	Dungeness...	30.50	41	ENE	3	m	30.49	+03	37	36	-3	ENE	3	bc			46	35	bc, z, bc, x	8.5	-
	Dover...						30.53	+02	32	31	-7	ENE	1	b			49	32	bg, b, f, b	9.2	-
	Wick...	30.25	46	S	3	b	30.30	+09	45	41	+2	S	2	bc			49	40	-	*	-
	Nairn...	30.25	47	SW	3	bc	30.30	+08	45	40	+4	SW	2	c			54	40	bc, bc, c	7.6	-
	Aberdeen...	30.38	43	S	2	b	30.41	+05	39	37	-1	S	2	b			47	34	bg	6.9	-
	Leith...	30.34	45	SE	1	bc	30.41	+07	32	30	+3	W	1	bm, x			54	28	b, bc, b	*	-
	North Shields	30.44	41	SSW	2	cm	30.47	+07	31	30	+2	SSW	2	ex			48	27	cm	*	-
	Spurn Head	30.50	41	SSE	3	b	30.52	+05	35	32	+1	SSW	3	b			44	33	bm, bc, b, x	*	-
	Yarmouth...	30.56	39	SSE	2	bc	30.55	00	27	27	-9	2	0	bc			43	27	bc	9.3	-
	Clacton-on-Sea	30.55	40	E	2	b	30.55	00	32	32	-5	NE	2	m			44	31	bm, b, bm, x	9.3	-
	Nottingham	30.50	39	SSE	1	b	30.55	+08	23	22	-1	W	1	cm			51	21	b	7.0	-
	Bath...	30.48	50	NE	1	b	30.52	+08	29	27	-5	NE	1	b			53	26	*	9.3	-
	Oxford...	30.53	42	SSE	2	b	30.57	+07	24	23	-3	E	2	bm			52	23	b	*	-
	London (St. James's Pk)	30.49	46	SE	1	bm	30.53	+04	32	32	-3	ESE	1	bm, x			52	32	b, bm, x	6.9	-
GERMANY, &c.	The Scaw (Skagen)	30.52	32	2	0	m	30.50	+01	33	30	0	NE	1	m			39	28	*	*	-
	Fanø...	30.58	26	NW	2	bc	30.50	-12	31	30	+7	NW	1	bc			41	24	*	*	-
	Cuxhaven†...	30.56	34	NW	3	b	30.50	-06	33	36	+4	N	2	co			36	28	*	*	-
	The Helder	30.62	34	E	1	b	30.56	00	33	32	+3	NE	1	b			46	28	*	*	-
	Brussels...	*	*	*	*	*	30.52	-04	27	27	-6	NE	1	f			48	26	*	*	-
	Berlin†...	30.49	32	NE	2	o	30.48	-01	32	30	+2	NE	2	o			37	30	*	*	-
	Frankfurt†...	30.48	35	NE	2	b	30.50		30	36		NE	3	o			39	28	*	*	-
FRANCE.	Munich†...	30.46	28	SW	4	b	30.46	-07	24	25	0	NW	2	o			34	23	*	*	-
	C. Gris Nez	30.51	41	E	1	m	30.49	+02	32	30	-5	E	2	b			52	30	*	*	-
	La Hève...	30.48	45	E	3	b	30.48	00	32	30	-2	E	1	m			46	28	*	*	-
	Brest...	30.40	44	SE	3	b	30.41	+09	40	37	-4	ESE	3	b			5	48	37	*	-
	Lorient...	30.34	46	ESE	4	b	?	?	37	36	-2	E	4	b			52	36	*	*	-
	Rochefort...	30.34	49	ENE	3	b	30.34	00	40	33	+4	ENE	3	b			57	32	b	*	-
	Biarritz...	30.27	51	NE	3	b	30.27	-01	43	40	-3	S	2	b			61	41	*	*	-
	Paris...	30.46	40	NE	2	b	30.45	-04	28	27	-10	NE	2	b			52	27	*	*	-
	Belfort...	30.34	35	ENE	8	m	30.39	-06	26	25	+1	E	5	f			44	25	*	*	-
	Lyons...	30.39	38	NW	2	b	30.32	-04	29	28	-2	N	2	b			44	26	*	*	-
SPANISH PENIN.	Nice...	30.18	44	2	0	b	30.12	-14	38	33	-1	E	2	b			50	34	*	*	-
	Perpignan...	30.17	44	2	0	b	30.12	-02	34	32	-1	SW	1	b			58	31	*	*	-
	Sanguinaire...	30.18	47	E	3	o	30.13		45	43		E	3	m			57	41	*	*	-
SPANISH PENIN.	Corunna...	30.17	61	S	3	o	30.25	00	51	48	+1	S	3	o			64	46	*	*	-
	Lisbon...	30.16	56	SSE	2	b	30.09	-14	50	47	-3	E	3	o			61	50	*	*	-
	Azores (P. Delgada)...	30.26	49	N	3	b	30.24	+07	48	44	0	NNW	2	b			57	46	*	*	-
SPANISH PENIN.	„ Horta...	30.31	50	NNW	2	b	30.26	+06	47	44	-1	NW	2	m			57	46	*	*	-

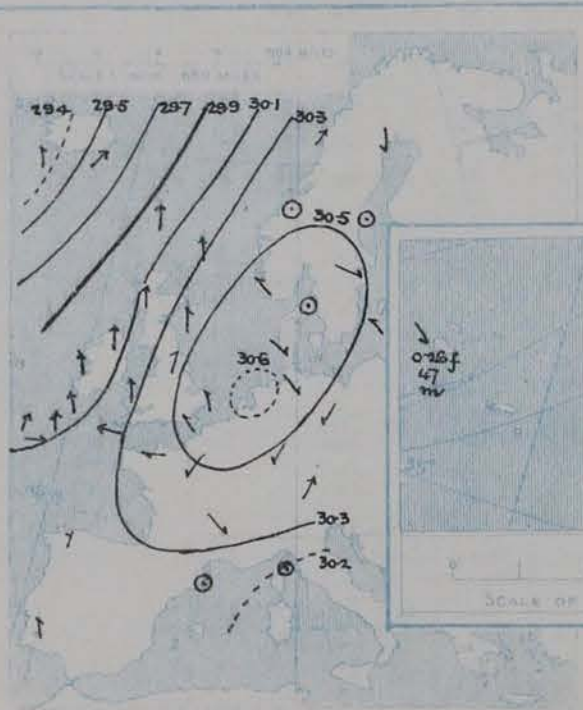


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

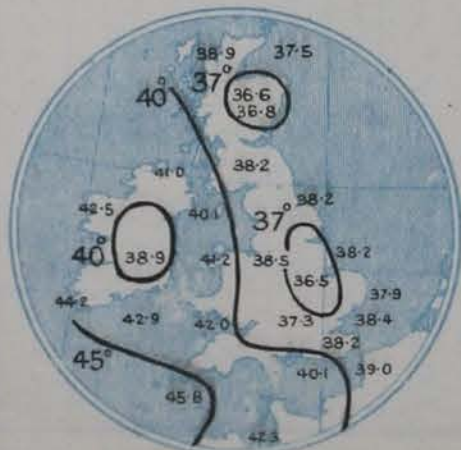
7 A.M. YESTERDAY.



6 P.M. YESTERDAY.



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

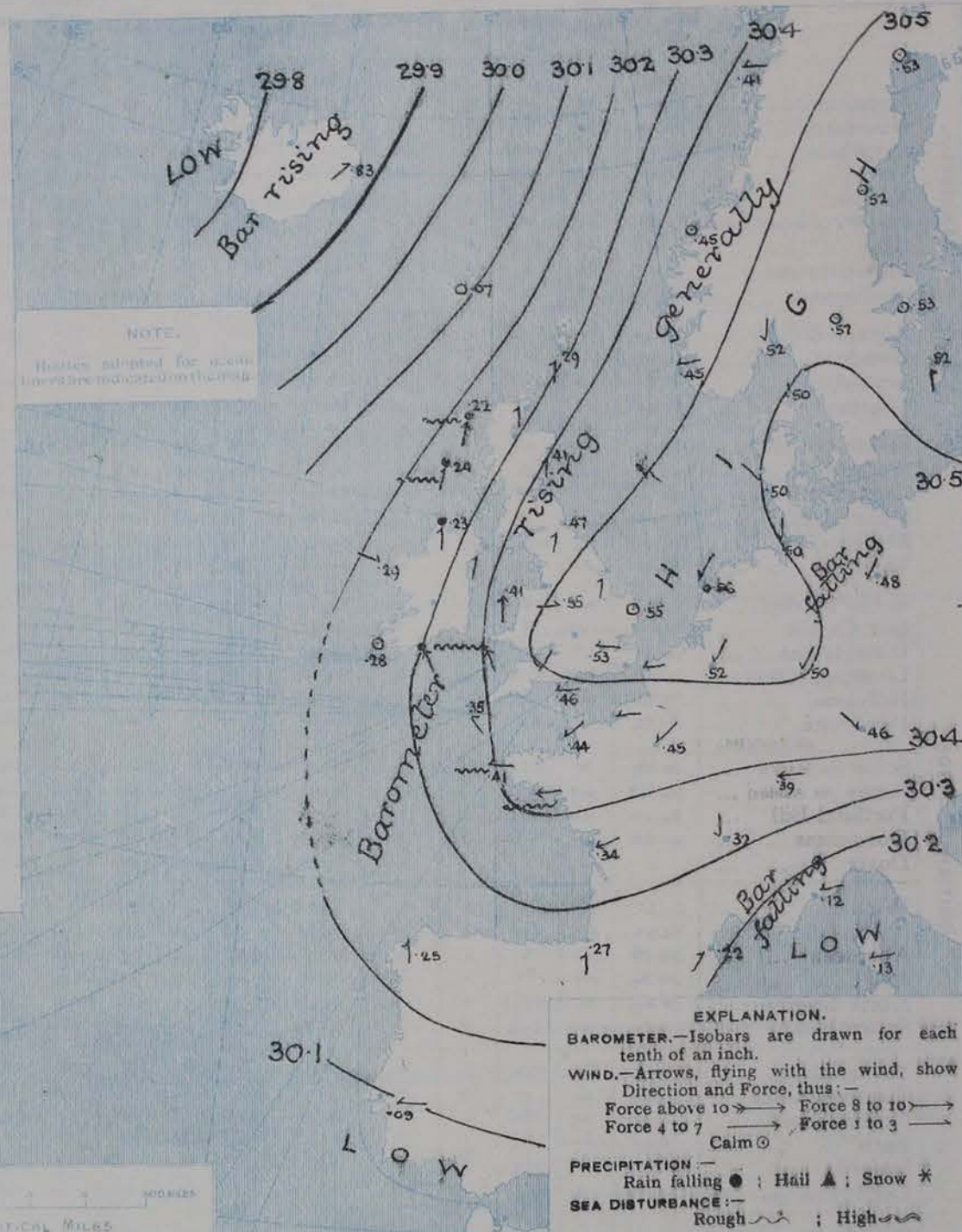


WEATHER

22nd Feb. 1909.

Monday.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The whole of the area under observation is covered by a system of high pressure, the central space of which, with the barometer above 30.5 ins., extends from southern England to Scandinavia and Russia. In western Iceland the barometer is at 29.75 ins. The gradient is everywhere slight.

Calm and light variable anticyclonic breezes prevail generally, but a fresh south-easterly breeze is reported at Roche's Point, and a high south-westerly wind at Stromway. Temperature has fallen in most regions. At the home stations the values range from 23° at Nottingham to 48° at Roche's Point; in Scandinavia from 10° at Japarauda to 36° at Bodø; over Western Europe from 24° at Munich to 43° at Biarritz; and in Iceland from 30° to 41°. Fair to fine, clear weather prevails at home and abroad, but in several neighbourhoods the atmosphere is misty, at Brussels foggy and in some parts of Ireland and in the Hebrides rain is falling. A rough or rather rough sea is running locally on our western coasts and on the upper part of the Bay of Biscay, elsewhere it is slight to very smooth.



# CHARTS

22nd February, 1909.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

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

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



- 0 { S. to S.W. breezes, moderating; changeable, some rain; mild.
- 1 { Light variable S. breezes; generally fair or fine, local mist; generally mild, local night frost.
- 2 { Light variable S.W. breezes; generally fair or fine, misty locally; rather cold.
- 3 {
- 4 { Light Variable E. breezes; variable weather, some mist or fog, fine intervals; cold.
- 5 {
- 6 {
- 7 { Light Variable breezes, mainly S.;
- 8 { fine to cloudy, local showers; moderate temperature.
- 9 {
- 10 {

### NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 50° and upwards in many parts of these Islands, but in the night it again descended to and below the freezing point in many parts of England and Eastern Scotland, to 23° at Oxford, and 21° at Nottingham. A grass minimum of 15° was registered at Oxford, and 21° in London. In Ireland and the Hebrides, only Berr Castle had a few minutes of bright sunshine; over Britain generally the records were exceptionally large, exceeding 8 hours at the great majority of stations, many had more than 9 hours, Torquay and Nottingham 9.5 hours, Hastings 9.6 hours and Jersey 9.8 hours. Rain fell at the far western stations 0.9 inch at Valencia.

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

Pressure continues to increase over nearly the whole of our area, and there are no indications of any decided change in the weather conditions over the British Isles.

### 11 WESTERN CHANNEL AND BAY.

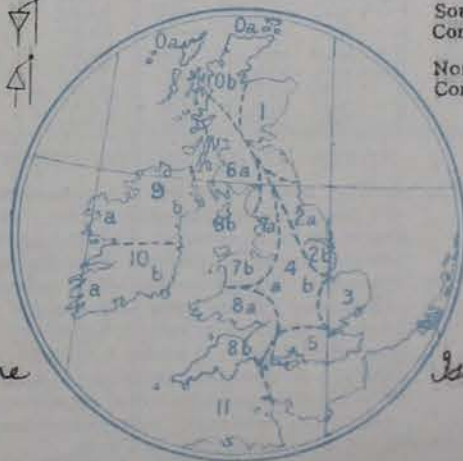
Light E. to S. breezes; sea smooth to moderate; generally fair or fine, some mist or fog banks; rather cold.

### 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.





## DAILY WEATHER REPORT.

Monday, 22nd February, 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	44	ca. b, bc	Hrs.	Ins.	Brighton, to 6 p.m. ...	47	37	*	9.0	-
Rossall Beach, to 6 p.m....	49	32	b	*	-	Eastbourne, to 6 p.m. ...	44	28	*	9.1	-
Blackpool, to 9 p.m. ...	48	32	b	8.4	-	Bexhill-on-Sea, to 9 p.m.	46	38	b	8.8	-
Southport, to 9 p.m. ...	49	32	bc, c	7.8	-	Hastings ... ..	*	*	*	9.6	*
Rhyl, to 6 p.m. ...	51	37	*	8.3	-	Folkestone, to 6 p.m. ...	49	31	b	9.2	-
Colwyn Bay, to 6 p.m. ...	57	41	b	8.3	-	Ramsgate, to 6 p.m. ...	*	*	*	9.1	-
Llandudno, to 9 p.m. ...	47	38	bc, b, bc	8.2	-	Margate, to 6 p.m. ...	51	34	b	9.0	-
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m. ...	57	45	b, bc	7.9	-	Lowestoft, to 6 p.m. ...	46	31	bc	9.0	-
Aberystwyth, to 6 p.m. ...	48	40	*	6.7	-	Skegness, to 6 p.m. ...	48	26	b	9.2	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	50	31		8.5	-
Torquay, to 6 p.m. ...	50	42	*	9.5	-	Harrogate, to 6 p.m. ...	46	24	b, bc, b	7.5	-
Weymouth, to 6 p.m. ...	48	37	b	9.0	-	Buxton, to 6 p.m. ...	46	25	b, bc	8.5	-
Bournemouth, to 6 p.m. ...	47	35	*	9.3	-	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...	48	33	*	9.1	-	Manchester, to 9 p.m. ...	50	34	b, bc, b	7.2	-
Worthing, to 6 p.m. ...	47	36	b	9.5	-	Birmingham, to 9 p.m. ...	52	29	b	8.2	-

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

STATIONS. 21st Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 21st Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ... ..			Observations not received.	Ins.	St. Petersburg ... ..				Ins.
Marseilles ... ..					Utrecht ... ..				
Malta ... ..					Groningen ... ..				
Algiers ... ..					Berne ... ..				
Tunis ... ..					Zurich ... ..				
Palermo ... ..					Geneva ... ..				
Naples ... ..					Lugano ... ..				
Brindisi ... ..									
Florence ... ..					Coire ... ..	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Rome ... ..					Castasegna ... ..	30		b	
Vienna ... ..					Davos ... ..	25		b	

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	
	Lat.	Long.		Direc.	Force.		Air.					Lat.	Long.		Direc.	Force.		
							Dry Bulb.	Wet Bulb.	Sea.									
Vaderland	Feb 16 3pm	48 N.	26 W.	29.78	NNW	6-7	-	-	-	-	Minnetonka	Feb 20 4am	48 N.	20 W.	29.42	SW	6-7	-
	6pm	47 N.	27 W.	29.76	W	6-7	-	-	-	-		7am	48 N.	19 W.	29.44	SSW	4-5	-
	Feb 17 3pm	46 N.	35 W.	29.78	NNW	8-9	-	-	-	-		3pm	49 N.	15 W.	29.64	S	4-5	-
	6pm	45 N.	34 W.	29.88	NNW	8-9	-	-	-	-		6pm	49 N.	14 W.	29.70	S	6-7	-
	Feb 18 4am	44 N.	39 W.	29.87	SW	6-7	-	-	-	-		Feb 21 4am	49 N.	10 W.	29.92	SSE	6-7	-
Baltic	7am	44 N.	40 W.	29.70	SSW	6-7	-	-	-	-	7am	49 N.	8 W.	30.02	SSE	6-7	-	
	3pm	43 N.	42 W.	29.54	WNW	6-7	-	-	-	-	Feb 18 7am	42 N.	44 W.	29.76	WSW	6	-	
	6pm	43 N.	42 W.	29.48	W	6-7	-	-	-	-	6pm	43 N.	41 W.	29.49	SW	6	-	
	Feb 17 3pm	42 N.	47 W.	30.29	SSE	4-5	-	-	-	-	Feb 19 7am	44 N.	37 W.	29.33	W	6	-	
	6pm	41 N.	48 W.	30.09	SSE	10-11	-	-	-	-	6pm	45 N.	34 W.	29.25	W	9	-	
New York	Feb 17 3pm	41 N.	41 W.	30.12	NNW	6-7	-	-	-	-	Feb 20 7am	46 N.	30 W.	29.45	W	8	-	
	6pm	43 N.	42 W.	30.02	NNW	4-5	-	-	-	-	6pm	47 N.	28 W.	29.80	WSW	6	-	
	Feb 18 4am	42 N.	46 W.	29.75	W	6-7	-	-	-	-	Feb 19 7am	42 N.	44 W.	29.53	WNW	7	-	
	7am	41 N.	47 W.	29.72	W	6-7	-	-	-	-	6pm	44 N.	38 W.	29.33	WNW	10-12	-	
	Feb 17 3pm	43 N.	41 W.	30.05	NNW	4-5	-	-	-	-	Feb 20 7am	46 N.	31 W.	29.49	WNW	9	-	
Minnetonka	6pm	43 N.	41 W.	30.02	NNW	4-5	-	-	-	-	6pm	47 N.	26 W.	29.65	W	4	-	
	Feb 18 4am	44 N.	38 W.	29.90	SW	1-3	-	-	-	-	Feb 21 7am	49 N.	19 W.	29.80	W	2	-	
	7am	44 N.	37 W.	29.82	SW	1-3	-	-	-	-	6pm	49 N.	12 W.	30.08	W	2	-	
	3pm	45 N.	34 W.	29.50	SSW	6-7	-	-	-	-	Feb 19 6pm	47 N.	30 W.	29.25	WSW	6	-	
	6pm	46 N.	33 W.	29.36	SSW	6-7	-	-	-	-	Feb 20 7am	46 N.	33 W.	29.49	WNW	8	-	
Lucania	Feb 19 4am	46 N.	29 W.	29.30	SW	4-5	-	-	-	-	Feb 20 7am	47 N.	34 W.	30.43	NW	9	-	
	7am	47 N.	28 W.	29.20	WSW	4-5	-	-	-	-	Feb 21 4am	51 N.	14 W.	29.63	S	6-7	-	
	3pm	47 N.	25 W.	29.28	WSW	6-7	-	-	-	-	7am	50 N.	15 W.	29.76	W	4-5	-	
	6pm	48 N.	24 W.	29.31	SW	6-7	-	-	-	-								

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

(a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

(Tuesday,  
23rd February, 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.
		Inch.					Inch.	Inch.												Hours.	Inch.
SCANDINAVIA.	Haparanda...	30.51	16	Z	0	o	30.63	+1.10	22	22	+1.12	S	2	f	*		23	7	*	*	-
	Hernösand...	30.55	22	Z	0	b	30.61	+1.05	27	26	+1.06	Z	0	s	*		39	19	*	*	-
	Stockholm...	30.54	25	SW	2	b	30.58	+1.05	31	31	+1.05	SSE	2	o	*		37	25	*	*	-
	Wisby...	30.55	30	S	2	o	30.89	+1.07	27	24	-0.05	SSE	2	b	*		34	27	*	*	-
	Karlstad...	30.56	20	Z	0	b	30.58	+1.01	20	20	+0.99	Z	0	f	*		*	*	*	*	-
	Færder (X'ania Fjord)	30.52	31	Z	0	b	30.84	+1.02	29	29	+1.01	Z	0	m	0		30	27	*	*	-
	Bodö...	30.38	38	ESE	2	b	30.44	+1.03	39	36	+1.03	E	2	o	1		39	32	*	*	-
ICELAND & FAEROE.	Christiansund...	30.43	36	Z	0	b	30.45	+1.00	34	30	+1.03	Z	0	b	2		43	30	*	*	-
	Skudesnaes...	30.50	37	SSE	2	m	30.49	+1.04	35	33	+1.02	S	4	bc	2		37	32	f, m	*	-
	Reykjavik...	29.71	44	S	7	r	29.72	-0.06	37	*	+1.02	SSE	7	o	*		*	*	*	*	*
	Blönduós...	29.81	35	SSE	3	c	29.70	-0.11	49	*	+1.16	SSE	3	c	*		*	*	*	*	*
BRITISH ISLANDS.	Seydisfjörð...	29.93	44	ESE	2	b	29.85	+1.02	46	*	+1.05	ESE	1	bc	*		*	*	*	*	*
	Thorshavn...	30.23	43	N	2	bc	*	*	*	*	*	*	*	*	*		*	*	*	*	*
	Sumburgh Head	30.34	45	WSW	1	o	30.45	+1.16	38	37	-0.06	Z	0	b	1		48	37	o	*	-
	Stornoway...	30.39	45	N	3	b	30.48	+1.26	35	35	-0.10	Z	0	b	0		50	35	adm, c, br	1.7	0.02
	Castlebay (Barra Id.)	30.40	47	WNW	1	b	30.48	+1.24	40	39	-0.06	ENE	1	cm	1		49	38	rm, o, br	2.5	0.01
	Malin Head...	30.40	46	SSW	1	bc	30.45	+1.22	42	42	-0.03	E	1	fe	1		49	41	bc, bcfe	*	-
	Blackod Pt.	30.41	48	N	1	b	30.40	+1.11	46	45	+1.05	E	2	om	1		51	42	bc, q, bc	*	-
	Valencia...	30.37	49	NE	2	o	30.37	+1.09	46	44	-0.01	NNE	1	o	4		50	45	r, om, o, q	0.0	0.11
	Roche's Point...	30.41	48	S	2	o	30.41	+1.11	41	41	-0.07	E	2	o	3		49	41	d, o, om	*	0.03
	Birr Castle...	30.40	48	S	2	o	30.41	+1.11	43	42	-0.04	S	2	o	*		50	41	om, o	0.0	0.02
	Donaghadee...	30.46	44	SSW	3	r	30.47	+1.09	45	45	0	Z	0	rf	0		46	43	om, of	*	0.25
	Liverpool Obsy...	30.49	44	ESE	3	b	30.47	-0.01	34	31	+1.01	SE	1	b	1		49	32	b, bc	8.1	-
	Holyhead...	30.46	44	SW	1	bc	30.45	+1.04	37	35	-0.08	S	1	bc	1		49	35	bc	*	-
	Pembroke (St. Ann's Hd.)	30.45	43	SE	3	c	30.42	+1.01	36	33	-0.07	ENE	2	bc	3		48	34	egm, bc	6.3	-
	Scilly (St. Mary's)	30.39	46	ESE	2	c	30.34	-0.01	45	42	-0.02	ESE	3	c	4		52	44	c	7.2	-
GERMANY, & C.	Jersey (St. Aubins)	30.43	45	E	3	b	30.40	-0.04	35	33	-0.01	ENE	3	b	3		51	34	b, br, w, x	9.3	-
	Portland Bill...	30.45	43	E	4	b	30.41	-0.05	35	34	-0.07	NE	2	br	3		44	33	b	9.2	-
	Dungeness...	30.47	40	NE	3	bc	30.47	-0.02	25	24	-0.12	N	2	m	2		43	20	bc, f, bc	9.3	-
	Dover...	*	*	*	*	*	30.42	-0.11	30	29	-0.02	WNW	2	b	0		46	29	b, bc, x	10.0	-
	Wick...	30.36	46	S	2	c	30.47	+1.17	32	30	-0.13	NW	1	c	2		46	30	-	*	0.02
	Nairn...	30.39	46	SW	1	c	30.43	+1.18	34	33	-0.11	SW	1	c	1		49	33	c, c, q	0.2	-
	Aberdeen...	30.43	43	SSW	1	r	30.49	+1.08	42	41	+0.03	WNW	1	c	2		45	38	c, q, r, c	0.1	0.02
	Leith...	30.45	46	NW	1	o	30.45	+1.04	41	41	+0.09	W	1	f	*		48	30	b, bc, c, op	*	0.01
	North Shields...	30.45	43	SW	3	cm	30.43	-0.04	37	34	+0.06	W	2	c	2		52	29	cm	*	-
	Spurn Head...	30.49	39	SSW	2	b	30.41	-0.11	35	34	-0.01	NW	2	f	2		43	32	b, bc, f	*	-
	Yarmouth...	30.53	37	ESE	1	bc	30.40	-0.15	30	29	+0.03	WNW	2	bc	3		41	26	bc, m	9.6	-
	Clacton-on-Sea...	30.52	39	NNE	2	b	30.41	-0.14	30	28	-0.02	WNW	3	bc	1		44	28	bc, bc, x	8.9	-
	Nottingham...	30.52	39	SSE	1	b	30.46	-0.09	24	23	+0.01	W	1	m	*		52	21	cm, b	7.0	-
	Bath...	30.50	41	E	1	m	30.45	-0.07	19	19	-0.10	NE	1	m	*		51	18	-	9.0	-
	Oxford...	30.54	30	SE	1	b	30.46	-0.11	20	19	-0.04	Z	0	bc	*		50	19	-	*	-
	London (St. James's Pk)	30.51	42	E	2	bc	30.42	-0.11	24	24	-0.08	WSW	1	bc	*		46	23	bc, b, bc	4.3	-
FRANCE.	The Scaw (Skagen)	30.54	30	S	2	m	30.54	+1.04	32	30	-0.01	SSE	2	o	0		36	30	*	*	-
	Fanö...	30.50	30	E	4	bc	30.51	+1.01	30	29	-0.01	ESE	2	bc	*		37	28	*	*	-
	Cuxhaven†...	30.45	32	E	2	m	30.48	-0.02	26	26	-0.07	SE	2	b	*		34	26	*	*	-
	The Helder...	30.48	36	NW	2	bc	30.42	-0.14	32	32	-0.01	SE	1	o	1		41	30	*	*	-
	Brussels...	*	*	*	*	*	30.36	-0.16	33	31	+0.06	NE	1	o	*		43	26	*	*	-
	Berlin†...	30.49	29	NE	1	b	30.42	-0.06	26	23	-0.06	NE	3	o	*		34	25	*	*	-
	Frankfurt†...	30.41	33	N	1	s	30.38	-0.12	25	21	-0.05	NE	4	bc	*		36	23	*	*	-
	Munich†...	30.39	23	SW	2	b	30.28	-0.13	19	10	-0.05	NW	3	3	*		32	19	*	*	-
SPANISH PENIN.	C. Gris Nez...	30.47	36	NE	3	b	30.36	-0.13	35	34	+0.03	NE	2	m	2		43	32	*	*	-
	La Hève...	30.50	42	E	2	m	30.40	-0.08	32	30	-0.01	ENE	1	b	1		45	28	*	*	-
	Brest...	30.39	48	ENE	2	b	30.36	-0.05	39	36	-0.01	E	3	b	5		52	36	*	*	-
	Lorient...	30.32	45	ENE	2	b	30.30	?	37	35	0	E	4	b	5		55	36	*	*	-
	Rochefort...	30.29	50	NE	3	b	30.26	-0.08	34	33	-0.06	NE	4	b	2		57	32	b	*	-
	Biarritz...	30.23	49	NNE	2	b	30.17	-0.10	34	33	-0.09	E	3	b	2		52	34	*	*	-
	Paris...	30.44	33	NNE	2	b	30.33	-0.12	29	28	+0.01	NNE	2	b	*		50	26	*	*	-
	Belfort...	30.32	33	E	6	m	30.27	-0.12	24	24	-0.02	E	5	m	*		37	24	*	*	-
	Lyons...	30.25	40	N	4	b	30.21	-0.11	31	29	+0.02	N	1	b	*		45	29	*	*	-
	Nice...	30.02	42	Z	0	b	30.00	-0.12	38	35	0	Z	0	o	4		54	36	*	*	-
SPANISH PENIN.	Perpignan...	30.09	53	NW	3	b	30.04	-0.18	44	37	+0.10	NW	3	b	*		62	34	*	*	-
	Sanguinaire...	30.09	50	NW	1	o	29.94	-0.19	48	47	+0.03	SE	2	m	3		57	41	*	*	-
	Corunna...	30.03	56	ESE	4	o	29.95	-0.14	52	49	+0.02	ESE	3	o	*		61	50	*	*	-
SPANISH PENIN.	Lisbon...	30.03	56	ESE	4	o	29.95	-0.14	52	49	+0.02	ESE	3	o	*		61	50	*	*	-
	Azores (P. Delgada)...	30.10	56	SSW	4	c	29.91	-0.35	55	53	-0.08	SSW	5	r	4		57	47	*	*	0.08

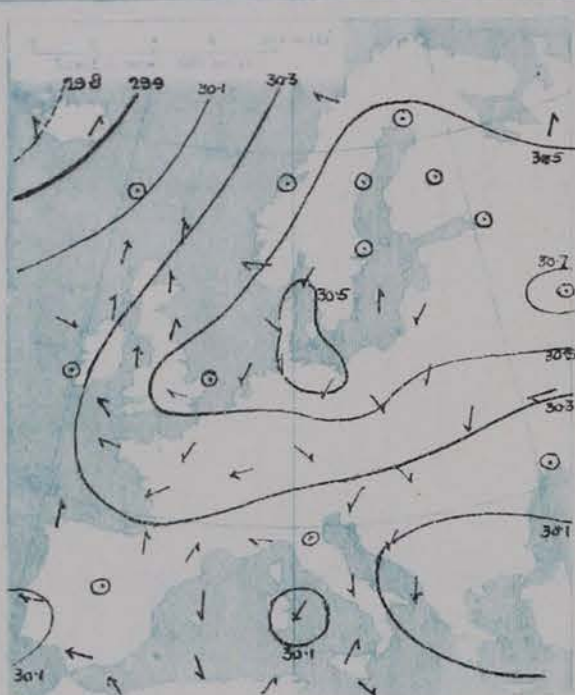


# SUPPLEMENTARY CHARTS

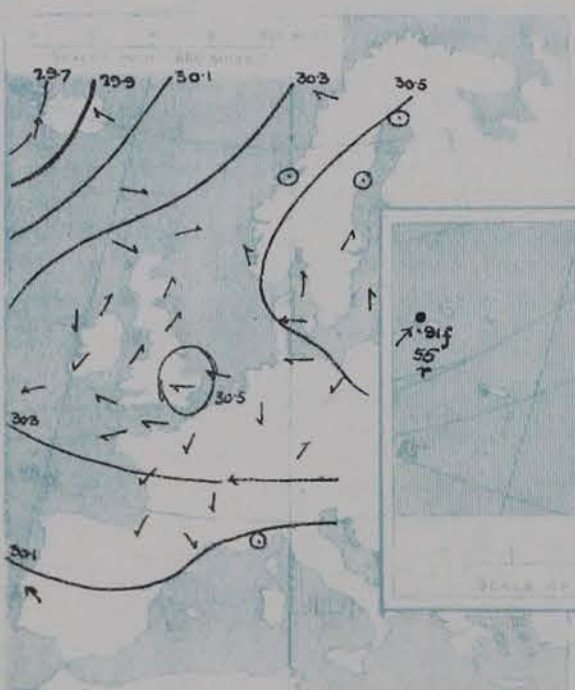
## OF BAROMETER AND WIND

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

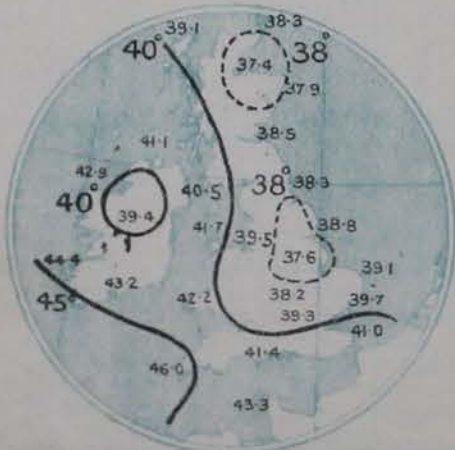
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

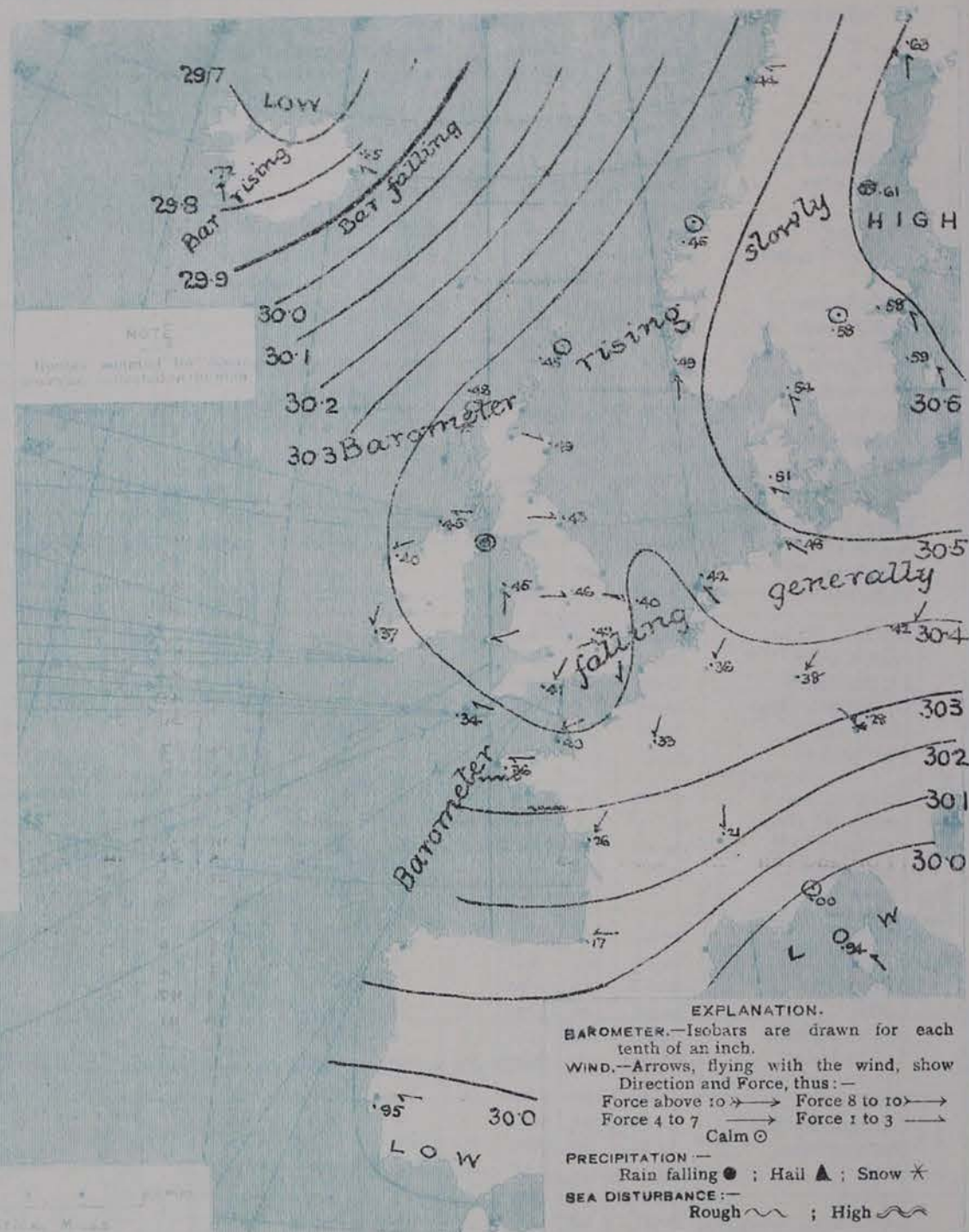


Monday

WEATHER

23<sup>rd</sup> Feb:

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



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

An area of high pressure still covers the whole of Europe, its central space, with the barometer above 30.6 ins., covering the Gulf of Bothnia, and northern Russia. Over the British Isles the readings are at about 30.5 ins. In a depression to the northward of Iceland pressure is below 29.7 ins., and in another approaching the Azores it is below 30 ins. The gradient generally is very slight.

Calms and light variable anticyclonic breezes prevail throughout the region under observation, but in the south-west of Ireland a high southerly wind is blowing, and at the Azores a fresh wind. Temperature has changed irregularly. At the home stations the values range from 19° at Bath to 46° at Blackwood Point and Valencia; in Scandinavia from 20° at Kasselstad to 39° at Bodö; over western Europe from 19° at Munich to 44° at Perpignan; in Iceland from 37° to 49°. The weather varies considerably at home and abroad; clear and cloudless in many localities, very cloudy or overcast in others, with mist or fog in several neighbourhoods, rain at Donaghadee, and snow at Munich and Hennösand. The sea is rather rough on the coast of Brittany, slight to very smooth on nearly all other coasts.



# CHARTS

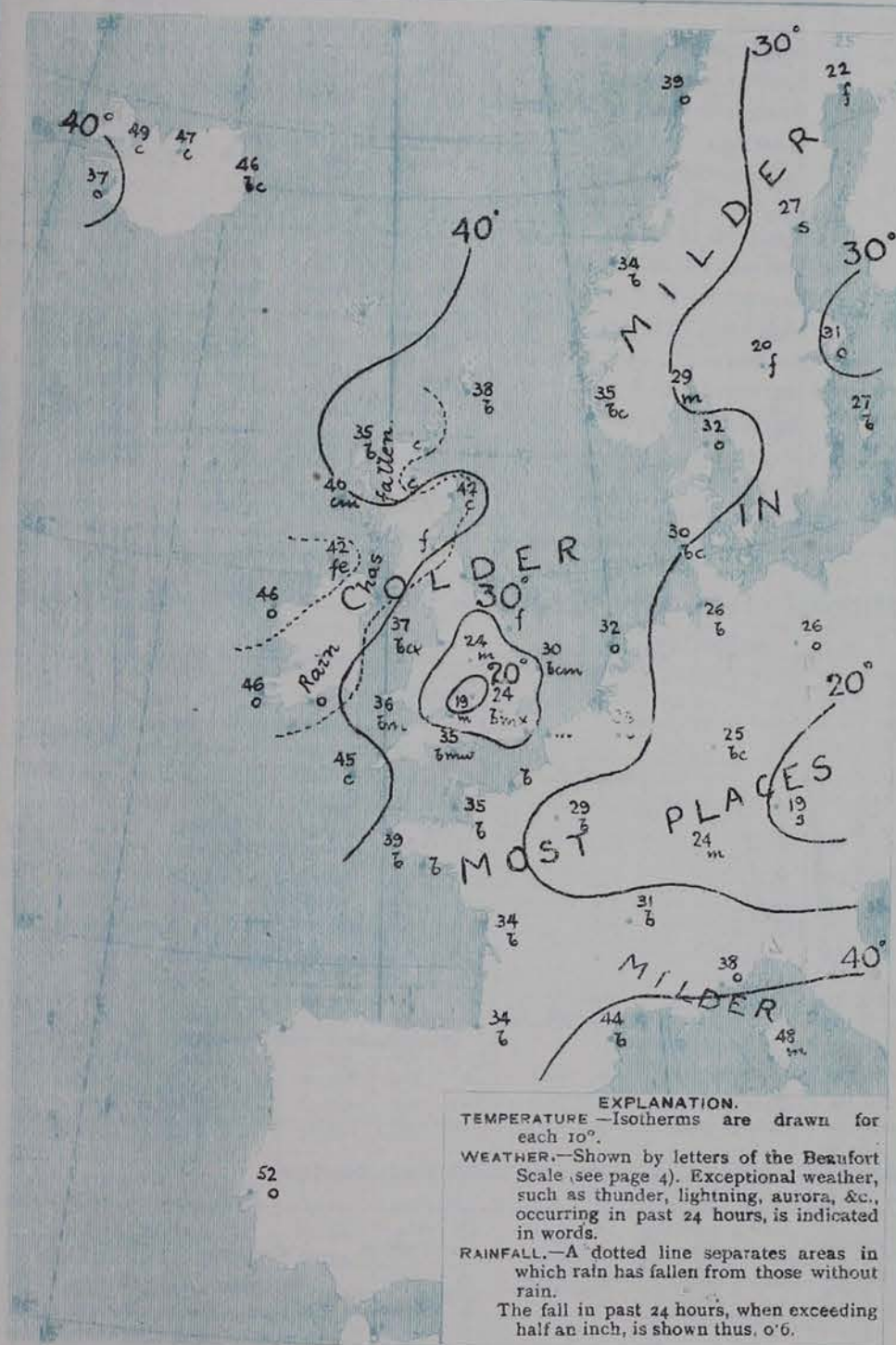
23<sup>rd</sup> February, 1909.

## FORECASTS

For the 24 hours commencing at  
NOON TO DAY

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

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



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

Calm and very light variable breezes; weather varying between fine and misty or foggy; very cold.

### II WESTERN CHANNEL AND BAY

Light variable E. and N.E. breezes; sea smooth to moderate; generally fair or fine, some mist or fog banks, very cold.

### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° and upwards in many parts of these Islands, to 55° and upwards at some of the Welsh stations. Frost occurred in the night over a considerable part of England, the thermometer in the shade descending to 18° at Bath, while on the grass Oxford reports 11°. Slight showers have fallen at several of the more northern and western stations. In Ireland and Scotland there was little or no bright sunshine, but over England the records were again abnormally large, 10 hours at Dover. Wireless reports from the Atlantic show that steamers yesterday experienced light breezes and fine weather as far west as the 20th meridian.

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

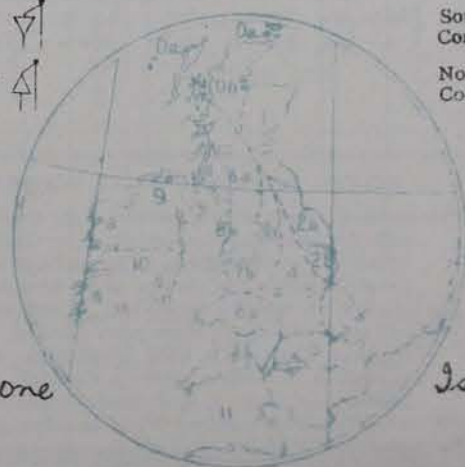
The distribution of pressure over the United Kingdom has become very uniform, and there are no indications of any important variations in the general situation during the ensuing twenty-four hours.

### FORECAST DISTRICTS.

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

South Coast.      North Coast.

South Coast.      North Coast.





## DAILY WEATHER REPORT.

Tuesday, 23rd February, 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....				*	-	Brighton, to 6 p.m. ...	51	31	*	9.1	-
Rossall Beach, to 6 p.m....	50	33	b	*	-	Eastbourne, to 6 p.m. ...	44	28	*	9.5	-
Blackpool, to 9 p.m. ...	51	32	c	7.0	-	Bexhill-on-Sea, to 9 p.m.	47	33	b	9.2	-
Southport, to 9 p.m. ...	52	33	b	7.3	-	Hastings ... ..	*	*	"	9.9	*
Rhyl, to 6 p.m. ... ..	54	33	*	7.4	-	Folkestone, to 6 p.m. ...	45	34	b	9.6	-
Colwyn Bay, to 6 p.m. ...	55	35	bc, b, bc	7.5	-	Ramsgate, to 6 p.m. ...	*	*	*	9.7	-
Llandudno, to 9 p.m. ...	48	38	bc, b	6.0	-	Margate, to 6 p.m. ...	48	32	b	9.5	-
Bettws-y-Coed, to 6 p.m.	57	30		7.0	*	Felixstowe, to 6 p.m. ...	42	34	*	9.4	0.02
Towyn, to 6 p.m. ... ..	56	43	b, bc	5.1	-	Lowestoft, to 6 p.m. ...	42	31	bc, b	9.7	-
Aberystwyth, to 6 p.m. ...	53	42	*	4.0	-	Skegness, to 6 p.m....	47	30	b	9.6	-
Plymouth, to 9 p.m. ...	49	37	b, bc	8.7	-	Scarborough, to 9 p.m. ...	53	35	b, c	8.0	-
Torquay, to 6 p.m....	47	39	*	7.8	-	Harrogate, to 6 p.m. ...	44	27	bm, b	2.6	-
Weymouth, to 6 p.m. ...	47	33		9.2	-	Buxton, to 6 p.m. ... ..	48	25	bg	8.2	-
Bournemouth, to 6 p.m....	49	28	b	9.3	-	Darwen, to 9 p.m. ... ..	49	32	bc, b	8.1	-
Southsea, to 6 p.m....	50	32	*	9.3	-	Manchester, to 9 p.m. ...	52	29	b, bc, bg	7.6	-
Worthing, to 6 p.m. ...	48	30	b	9.6	-	Birmingham, to 9 p.m....	52	27	b	8.2	-

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

STATIONS. 22nd Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 22nd Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
	°	°		Ins.		°	°		Ins.
Madeira ... ..	61	46	r, r	0.67	St. Petersburg ... ..	21	19	o, o	-
Marseilles ... ..	54	28	b, b	-	Utrecht ... ..	48	27	b, m	-
Malta ... ..	51	44	bc	0.08	Groningen ... ..	45	28	b, m	-
Algiers ... ..	61	45	b, b	-	Berne ... ..	*	*	m	-
Tunis ... ..	63	39	c, c	-	Zurich ... ..	*	*	b	-
Palermo ... ..	54	33	b, bc	0.04	Geneva ... ..	*	*	bc	-
Naples ... ..	47	37	b, b	-	Lugano ... ..	*	*	bc	-
Brindisi ... ..	46	34	m, b	-					
Florence ... ..	50	26	b, b	-	Coire ... ..	1.30 p.m.	1.30 p.m.	Observations not received.	Measured 7.30 a.m.
Rome ... ..	51	32	b, b	-	Castasegna ... ..				
Vienna ... ..	37	19	o, b	-	Davos ... ..				

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis-turb-ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
	°	°	Ins.				°	°	°			°	°	Ins.			
Vaderland { Feb. 10 a.m.	42 N.	45 W.	29.60	WNW	8-9	-	-	-	-	-							
" 7 a.m.	42 N.	46 W.	29.61	WNW	8-9	s	-	-	-	-							
" 3 p.m.	41 N.	47 W.	29.94	WNW	10-11	-	-	-	-	-							
" 6 p.m.	41 N.	48 W.	30.00	WNW	8-9	s	-	-	-	-							
Pretoria Feb. 20.6 p.m.	46 N.	34 W.	29.80	NW	7	-	-	-	-	-							
Kaiser Wilhelm II Feb. 20.6 p.m.	46 N.	37 W.	29.75	NW	8	-	-	-	-	-							
Graf Waldersee { Feb. 21.7 a.m.	48 N.	24 W.	29.82	W	4	-	-	-	-	-							
" 6 p.m.	48 N.	21 W.	30.18	NNW	4	-	-	-	-	-							
" Feb. 22.7 a.m.	49 N.	17 W.	30.28	2	0	-	-	-	-	-							
" 6 p.m.	49 N.	13 W.	30.32	ENE	4	-	-	-	-	-							
Coriscare { Feb. 21.3 p.m.	50 N.	18 W.	29.97	WSW	1-3	-	-	-	-	-							
" 6 p.m.	50 N.	20 W.	30.04	W	1-3	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. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

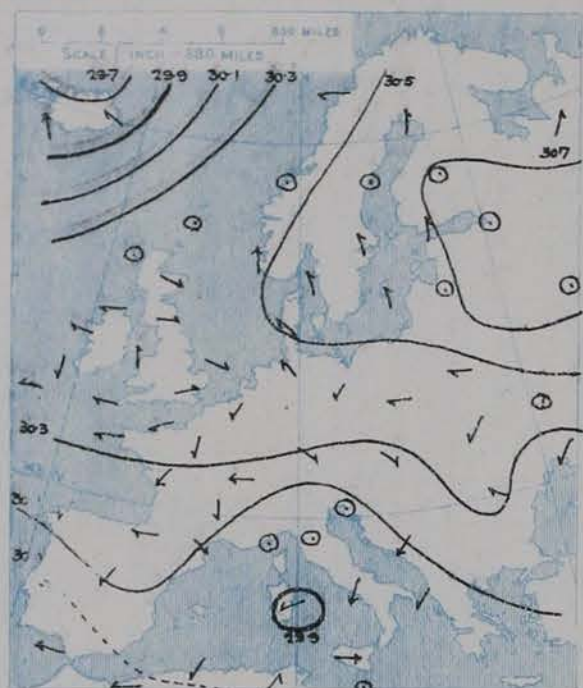
Wednesday,  
24th February, 1909.

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.	Hours.	Ins.
	At 29° 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...	30.62	24	S	2	0	30.62	-0.01	25	25	+3	SE	2	0	27	10	*	*	*	*
	Hernösand...	30.67	26	Z	0	0	30.70	+0.09	25	24	-2	Z	0	0	28	19	*	*	*	0.16
	Stockholm...	30.69	26	S	2	0	30.71	+0.13	18	18	-13	Z	0	0	30	23	*	*	*	-
	Wisby...	30.63	24	E	2	0	30.63	+0.04	24	23	-3	ENE	2	0	32	23	*	*	*	-
	Karlstad...	30.69	26	Z	0	0	30.72	+0.14	22	21	+2	WNW	2	0	*	*	*	*	*	-
	Færder (X'ania Fjord)	30.58	30	ESE	1	m	30.65	+0.11	29	28	0	E	2	0	30	28	*	*	*	-
	Bodö...	30.46	36	Z	0	0	30.45	+0.01	34	32	-5	E	2	0	41	30	*	*	*	-
	Christiansund...	30.50	34	Z	0	0	30.49	+0.04	33	31	+1	Z	0	0	43	30	*	*	*	-
ICELAND & FAEROE.	Skudesnaes...	30.54	35	S	4	0	30.54	+0.05	34	32	-1	SE	4	0	37	32	6.0	*	*	-
	Reykjavik...	29.93	39	SW	3	0	30.13	+0.41	35	*	-2	SW	3	0	*	*	*	*	*	*
	Blönduós...	29.85	40	S	3	0	30.07	+0.37	36	*	-13	SW	5	0	*	*	*	*	*	*
	Seydisfjord...	29.93	46	Z	0	0	29.99	+0.14	54	*	+8	SSW	5	0	*	*	*	*	*	*
BRITISH ISLANDS.	Thorshavn...	30.40	45	WSW	2	0	30.38	*	46	*	*	W	2	0	*	*	*	*	*	*
	Sumburgh Head	30.47	44	Z	0	0	30.46	+0.01	41	40	+3	NE	1	0	48	36	c	*	*	0.01
	Stornoway...	30.47	41	Z	0	bc	30.40	-0.08	36	36	+1	SE	2	0	49	32	b, bc, bc	3.5	*	-
	Castlebay (Barra Id.)	30.45	43	N	2	c	30.36	-0.12	42	41	+2	Z	0	0	46	39	m, cf, bc, o	4.8	*	-
	Malin Head...	30.41	41	NE	2	omv	30.32	-0.13	42	41	0	SE	4	0	45	40	bc, omv, f	*	*	-
	Blacksod Pt.	30.37	47	Z	0	0	30.32	-0.08	44	43	-2	SSE	1	0	48	43	c, cy, cm	2	*	0.01
	Valencia...	30.24	46	Z	0	bc	30.29	-0.08	35	34	-1	ENE	2	0	51	34	o, c, bc, b	5.0	*	0.01
	Roche's Point...	30.36	45	SE	3	b	30.30	-0.11	36	36	-5	N	3	0	48	35	cm, b, x, b	*	*	-
	Birr Castle...	30.36	45	S	2	b	30.31	-0.10	27	26	-16	Z	0	0	52	25	b, bc	6.2	*	-
	Donaghadee...	30.41	45	NNE	1	of	30.35	-0.12	44	42	-1	ENE	3	0	47	40	of, bc	*	*	-
	Liverpool Obsy...	30.37	39	WNW	1	m	30.35	-0.12	35	34	+1	ESE	3	0	46	34	3, bc, omv	5.2	*	0.03
	Holyhead...	30.38	45	N	1	cm	30.30	-0.15	40	40	+3	Z	0	0	48	37	bc, cm	*	*	-
	Pembroke (St. Ann's Hd.)	30.34	41	NE	2	b	30.28	-0.14	37	34	+1	ENE	2	0	49	35	bc, omv, bc	1.5	*	-
	Scilly (St. Mary's)	30.34	48	E	1	bc	30.25	-0.09	41	39	-4	E	1	0	51	40	bc	5.0	*	-
	Jersey (St. Aubins)	30.30	43	NNW	4	b	30.25	-0.15	34	33	-1	ENE	3	0	49	33	b, bc, x	9.7	*	-
	Portland Bill...	30.29	44	NW	2	bc	30.30	-0.11	36	36	+1	NE	4	0	49	34	b, bc	8.4	*	-
	Dungeness...	30.26	37	NE	4	bc	30.28	-0.09	35	31	+10	ENE	3	0	45	20	bc, bc, bc	8.4	*	-
	Dover...	*	*	*	*	*	30.36	-0.06	30	29	0	NE	3	0	46	28	b, bc, b	7.0	*	-
	Wick...	30.46	45	N	1	bc	30.40	-0.07	35	34	+3	N	1	0	49	30	-	*	*	0.08
	Nairn...	30.46	39	Z	0	bc	30.40	-0.08	36	35	+2	Z	0	0	47	30	bc, bc	6.0	*	-
	Aberdeen...	30.46	43	NNE	1	c	30.41	-0.08	40	40	-2	NNW	1	0	47	39	o, c, op	0.8	*	0.01
	Leith...	30.43	42	E	1	0	30.38	-0.07	41	40	0	NE	3	0	44	40	f, od, c, op	*	*	0.02
	North Shields...	30.38	42	NNW	3	d	30.38	-0.05	38	37	+1	ESE	3	0	45	35	omv, d	*	*	0.19
	Spurn Head...	30.36	38	ENE	2	c	30.39	-0.02	37	32	+2	SSW	1	0	44	32	bc, bc, bc	*	*	-
	Yarmouth...	30.36	35	E	3	bc	30.40	-0.00	35	33	+5	ESE	3	0	42	29	c, bc	4.1	*	-
	Clacton-on-Sea...	30.34	35	NE	4	c	30.36	-0.05	35	32	+5	ENE	2	0	44	30	bc, bc, b	8.6	*	-
	Nottingham...	30.36	43	NE	3	b	30.40	-0.06	32	31	+8	E	1	0	49	23	f, bc, m, c	2.4	*	-
	Bath...	30.34	36	E	1	m	30.36	-0.09	31	30	+12	NE	1	0	51	19	-	7.9	*	-
	Oxford...	30.35	31	N	2	b	30.40	-0.06	28	28	+8	NE	1	0	48	20	b, bc	*	*	-
	London (St. James's Pt)	30.31	40	E	2	bc	30.35	-0.07	31	31	+7	ENE	2	0	49	23	bc, bc, m	0.0	*	-
GERMANY, &c.	The Scaw (Skagen)	30.57	31	Z	0	0	30.61	+0.07	30	29	-2	ESE	1	0	32	28	*	*	*	-
	Fanö...	30.53	27	SE	4	b	30.52	+0.01	28	27	-2	ENE	2	0	34	25	*	*	*	-
	Cuxhaven†...	30.46	33	E	2	b	30.47	+0.01	27	29	+1	E	3	0	34	26	*	*	*	-
	The Helder...	30.42	34	E	1	b	30.43	+0.01	28	27	-4	E	1	0	37	28	*	*	*	-
	Brussels...	*	*	*	*	*	30.34	-0.02	24	23	-9	ENE	1	0	41	23	*	*	*	-
	Berlin†...	30.44	28	Z	0	0	30.41	-0.01	26	27	0	NE	2	0	30	25	*	*	*	-
	Frankfurt†...	30.33	27	NE	4	b	30.32	-0.06	21	25	-4	NE	4	0	34	19	*	*	*	-
	Munich†...	30.30	17	E	2	s	30.31	+0.03	3	97	-16	E	2	0	28	0	*	*	*	0.04
FRANCE.	C. Gris Nez...	30.27	31	NE	2	m	30.30	-0.06	27	26	-8	ENE	2	0	43	27	*	*	*	-
	La Hève...	30.27	38	NNE	4	m	30.27	-0.13	29	28	-3	ENE	3	0	39	27	*	*	*	-
	Brest...	30.20	47	NE	2	b	30.26	-0.10	38	38	-1	NE	2	0	52	36	*	*	*	-
	Lorient...	30.23	46	NE	4	b	30.18	-0.12	36	35	-1	ENE	3	0	52	36	*	*	*	-
	Rochefort...	30.16	46	NE	2	b	30.17	-0.09	31	31	-3	NE	3	0	55	30	*	*	*	-
	Biarritz...	30.09	48	WNW	3	b	30.12	-0.05	34	32	0	SE	3	0	52	32	*	*	*	-
	Paris...	30.25	35	N	2	b	30.25	-0.08	22	21	-7	NE	2	0	42	22	*	*	*	-
	Belfort...	30.33	30	E	7	m	30.15	-0.12	17	17	-7	ENE	7	0	36	17	*	*	*	-
	Lyons...	30.16	38	N	4	b	30.13	-0.08	21	19	-10	N	3	0	42	21	*	*	*	-
	Nice...	29.94	33	E	4	s	29.92	-0.03	30	25	-5	Z	0	0	48	30	*	*	*	-
SPANISH PENIN.	Perpignan...	29.96	50	NW	2	b	29.91	-0.13	36	30	-8	NW	2	0	60	34	*	*	*	-
	Sanguinaire...	29.74	48	W	4	0	29.74	-0.20	45	40	-5	NE	2	0	55	18	*	*	*	-
	Corunna...	29.88	55	E	3	b	29.91	-0.04	50	46	-2	NE	4	0	61	48	*	*	*	-
SPANISH PENIN.	Lisbon...	29.88	55	E	3	b	29.91	-0.04	50	46	-2	NE	4	0	61	48	*	*	*	-
	Azores (F. Delgada)...	29.89	59	SSW	3	bc	29.88	-0.03	60	57	+5	SSW	5	0	63	59	*	*	*	-

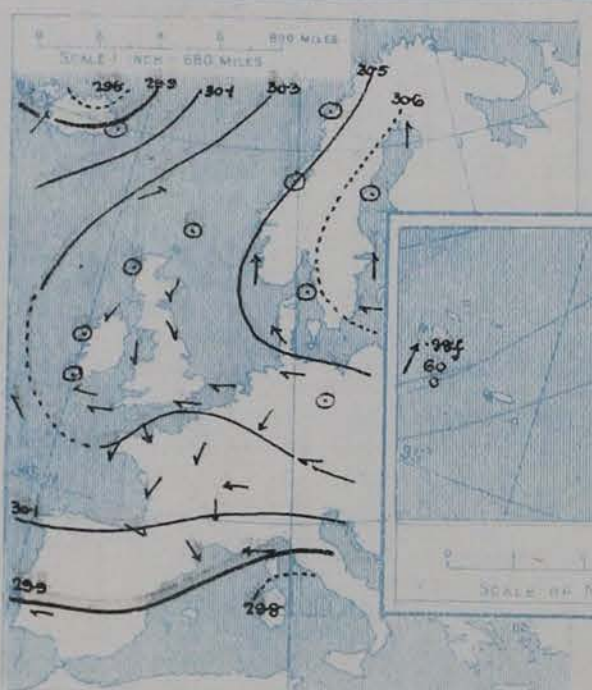


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

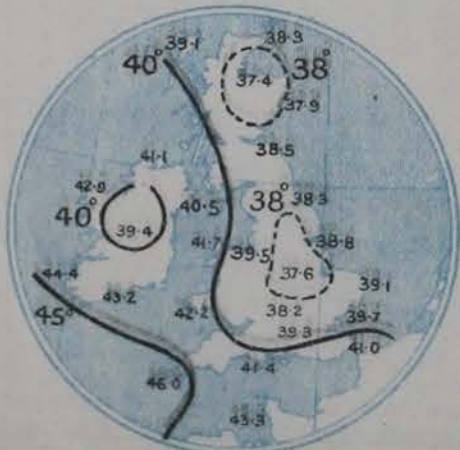
7 A.M. YESTERDAY



6 P.M. YESTERDAY



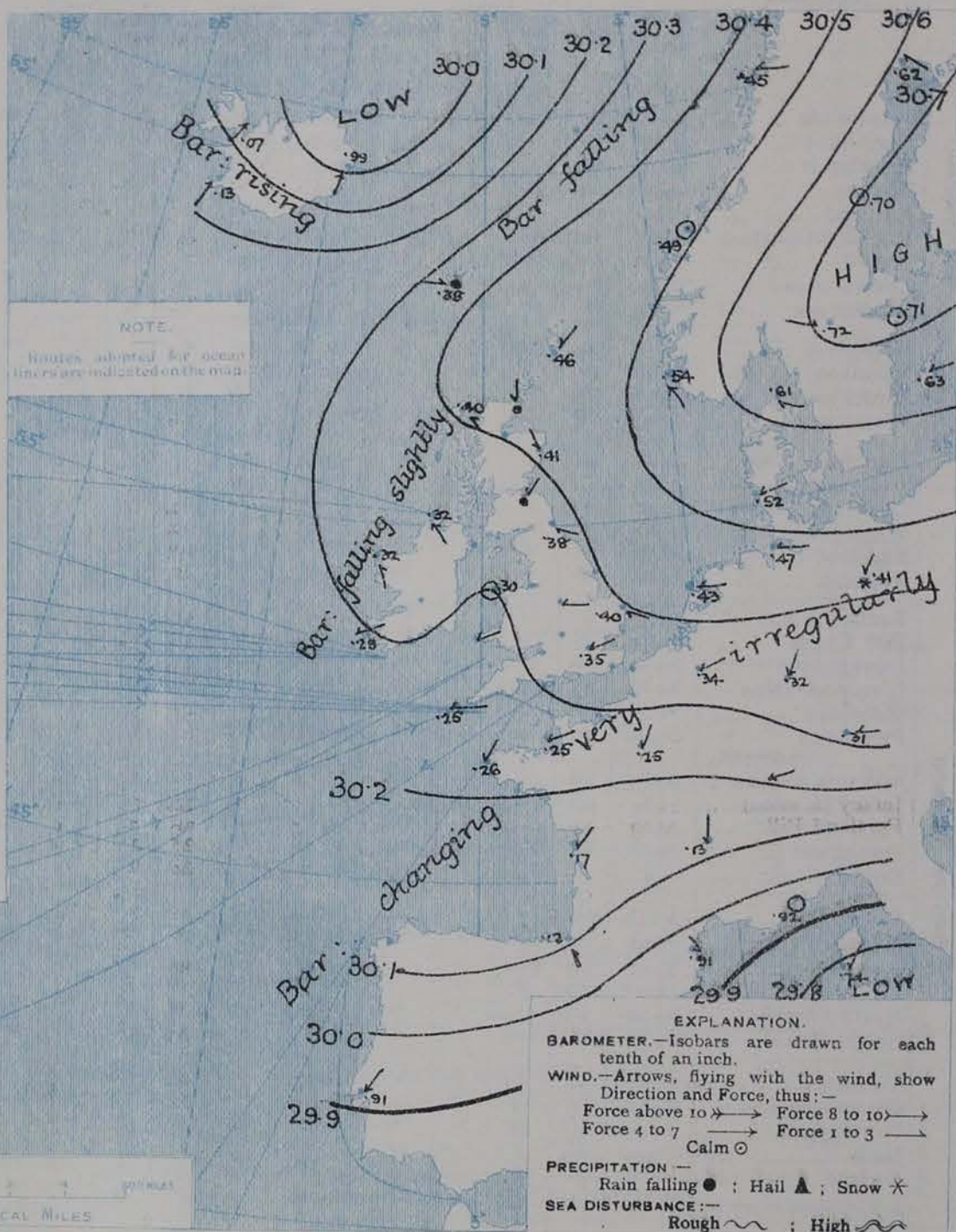
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
FEBRUARY - MARCH.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Wednesday,

WEATHER 24<sup>th</sup> Feb:

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

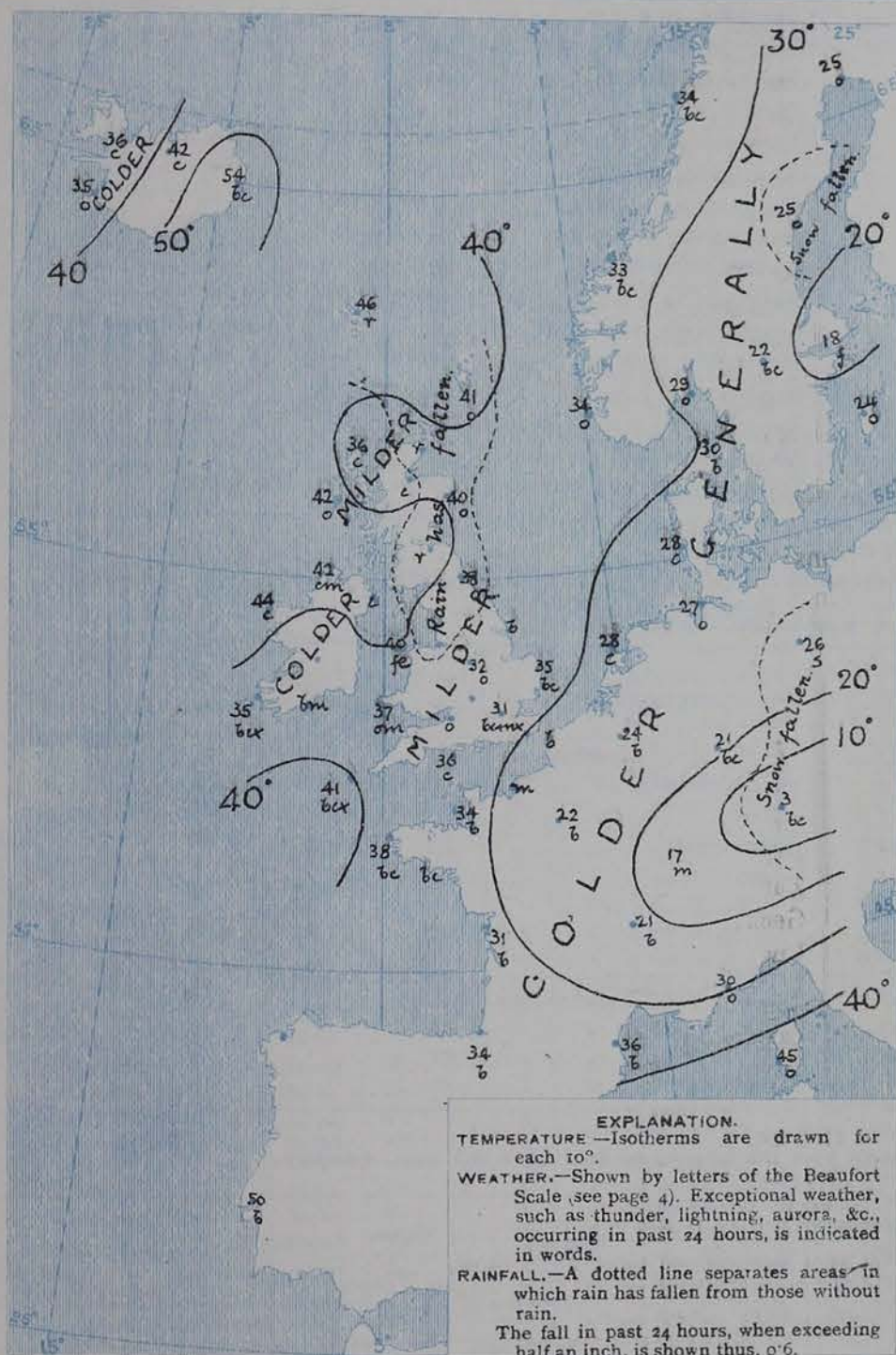
A high pressure system still covers nearly the whole of the region under observation, its central space, with the barometer at about 30.75 ins., extending from Southern Sweden to Northern Russia. In a depression on the Western Mediterranean the barometer has fallen to 29.74 ins. in Corsica. The gradient is slight generally. Calms and light variable anticyclonic breezes are reported generally, mainly Easterly to North. Easterly on the Continent, South-Westerly to Westerly in the Iceland region. Temperature changes are very irregular. At the home stations the readings range from 27° at Birn Castle to 44° at Donaghadee and Blackhead Point; in Scandinavia from 18° at Stockholm to 34° at Bodö and Skudenes; over Western Europe from 3° at Munich to 38° at Brest, and 50° at Lisbon. Both at home and abroad the sky varies from clear to overcast, the atmosphere is foggy in several localities, rain is falling at a few isolated stations in the north, snow at Berlin. The sea is slight to very smooth on nearly all coasts.



# CHARTS

24th February, 1909.

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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature exceeded 45° over the greater part of the British Isles and in some localities it passed 50°. Frost occurred in the night in several districts, the shaded thermometer sinking to 25° in central Ireland and to 20° at Dungeness and Oxford, the instrument on the grass falling to 24° in London, and to 15° at Oxford. Slight rain showers have fallen at several northern and western stations. Generally the bright sunshine records were smaller than on previous days but they were still large for the season, ranging upwards to 9.2 hours at Hastings and 9.7 hours at Jersey. Wireless reports from the Atlantic show a continuation of light breezes and fine weather up to the fifteenth meridian.

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

The changes in pressure are very slight, and over our southern districts an increase is again taking place. No decided change in the general situation is indicated at present.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

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

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

Calms and light variable breezes, mainly from E. points; weather variable, fine to dull; mist or fog at times in many places, and slight local showers; temperature below the normal.

## II WESTERN CHANNEL AND BAY.

Light variable N.E. breezes; sea moderate to smooth; generally fair or fine; local mist or fog; cold.

## FORECAST DISTRICTS.

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

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.





## DAILY WEATHER REPORT.

Wednesday, 24th February, 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....	50	37	o, c, bf, c	*	-	Brighton, to 6 p.m. ...	51	28	*	6.4	-
Rossall Beach, to 6 p.m....	48	26	x, c, om	*	-	Eastbourne, to 6 p.m. ...	45	26	*	8.0	-
Blackpool, to 9 p.m. ...	49	26	c, o	5.4	-	Bexhill-on-Sea, to 9 p.m.	50	29	c	7.5	-
Southport, to 9 p.m. ...	45	28	x, 3, 6, o	4.0	-	Hastings ...	*	*	*	9.2	*
Rhyl, to 6 p.m. ...	49	27	*	6.8	-	Folkestone, to 6 p.m. ...	43	29	b, bc, c	7.2	-
Colwyn Bay, to 6 p.m. ...	47	33	bc, 6, bc	7.7	-	Ramsgate, to 6 p.m. ...	*	*	*	4.3	-
Llandudno, to 9 p.m. ...	49	33	bc, 6, bc	7.5	-	Margate, to 6 p.m. ...	43	29	6, o	5.7	-
Bettws-y-Coed, to 6 p.m.	52	27	6	7.8	*	Felixstowe, to 6 p.m. ...	42	31	-	6.0	-
Towyn, to 6 p.m. ...	48	27	6, bc	9.0	-	Lowestoft, to 6 p.m. ...	42	29	o	4.3	-
Aberystwyth, to 6 p.m. ...	45	35	*	5.5	-	Skegness, to 6 p.m....	45	30	m, bc, 6, bc	6.3	-
Plymouth, to 9 p.m. ...	51	33	f, 6, bc	6.3	-	Scarborough, to 9 p.m. ...	50	35	ogf, o, c	3.0	-
Torquay, to 6 p.m....	49	30	*	9.0	-	Harrogate, to 6 p.m. ...	47	30	6, bc, 6, o	3.6	-
Weymouth, to 6 p.m. ...	50	30	6	8.4	-	Buxton, to 6 p.m. ...	46	20	og, bc, 6	6.1	-
Bournemouth, to 6 p.m....	49	23	6	9.0	-	Darwen, to 9 p.m. ...	49	31	bc, om, m	1.4	-
Southsea, to 6 p.m....	48	24	*	8.0	-	Manchester, to 9 p.m. ...	*	*	*	*	*
Worthing, to 6 p.m. ...	51	27	6, m	7.6	-	Birmingham, to 9 p.m....	48	29	f, 6, m	0.5	-

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

STATIONS. 23rd Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 23rd Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ...	63	45	6, bc	Ins.	St. Petersburg ...	?	16	o, f	Ins.
Marseilles ...	54	32	6, 6.	-	Utrecht ...	48	27	o, o	-
Malta ...	54	45	o	0.08	Groningen ...	46	30	o, m	-
Algiers ...	61	46	m, 6	-	Berne ...	*	*	6, 6	-
Tunis ...	63	39	bc, bc	0.08	Zurich ...	*	*	s, 6	-
Palermo ...	51	39	bc, o	0.01	Geneva ...	*	*	6, 6	-
Naples ...	45	30	o, 5	0.04	Lugano ...	*	*	bc, 6	-
Brindisi ...	47	36	o, o	-	Coire ...	32	*	1.30 p.m.	Measured 7.30 a.m.
Florence ...	48	25	o, 6	-	Castasegna ...	45	*	6	-
Rome ...	51	34	r, o	0.16	Davos ...	27	*	*	-
Vienna ...	32	19	6, o	0.12					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Montezuma { Feb 18, 4am	47N.	41W.	29.60	S	6-7	-	-	-	-	-	Oceanic { Feb 21, 3pm	46N.	33W.	29.91	SW	4-5	-
" " 7am	47N.	41W.	29.30	WSW	6-7	f	-	-	-	-	" " 6pm	46N.	32W.	29.92	SW	4-5	-
" " 3pm	46N.	44W.	29.33	W	6-7	-	-	-	-	-	Feb 22, 4am	47N.	28W.	29.94	SSW	4-5	-
" " 6pm	46N.	44W.	29.34	W	8-9	o	-	-	-	-	" " 7am	47N.	26W.	29.98	SSW	4-5	-
Cymric { Feb 21, 4am	42N.	43W.	30.05	SW	4-5	-	-	-	-	-	" " 3pm	48N.	22W.	30.09	S	4-5	-
" " 7am	43N.	42W.	30.04	SW	4-5	bc	-	-	-	-	" " 6pm	48N.	21W.	30.15	SE	1-3	-
" " 3pm	44N.	40W.	29.82	SW	8-9	-	-	-	-	-	Feb 23, 4am	49N.	15W.	30.08	E	1-3	-
" " 6pm	44N.	39W.	29.78	SSW	8-9	o	-	-	-	-	" " 7am	49N.	13W.	30.08	E	1-3	-
Feb 22, 4am	45N.	36W.	29.64	SW	8-9	-	-	-	-	-	" " 3pm	49N.	10W.	30.08	ESE	1-3	-
" " 7am	45N.	35W.	29.63	SW	6-7	o	-	-	-	-	" " 6pm	49N.	9W.	30.11	ESE	1-3	-
" " 3pm	46N.	31W.	29.67	SSW	6-7	-	-	-	-	-	Corsican { Feb 22, 4am	49N.	23W.	30.20	SSW	4-5	-
" " 6pm	47N.	31W.	29.76	S	6-7	o	-	-	-	-	" " 7am	49N.	24W.	30.18	SSW	4-5	-
Wasserkrüger II Feb 21, 7am	46N.	43W.	29.88	SSW	6	-	-	-	-	-	" " 3pm	49N.	27W.	30.06	SSW	6-7	-
Pretoria { Feb 21, 7am	45N.	36W.	30.19	WNW	4	-	-	-	-	-	" " 6pm	48N.	28W.	30.00	S	6-7	-
" " 6pm	45N.	38W.	29.92	S	7	-	-	-	-	-	Lucania { Feb 22, 3pm	49N.	22W.	30.14	SSW	4-5	-
Oceanic { Feb 21, 4am	44N.	39W.	30.03	WNW	4-5	-	-	-	-	-	" " 6pm	49N.	24W.	30.07	SSW	6-7	-
" " 7am	44N.	38W.	30.01	NW	1-3	o	-	-	-	-	Minchaba { Feb 22, 3pm	49N.	20W.	30.38	SSE	1-3	-
											" " 6pm	49N.	21W.	30.34	S	4-5	-
											Pennsylvania Feb 23, 6pm	49N.	13W.	30.24	SE	4	-

## 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. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

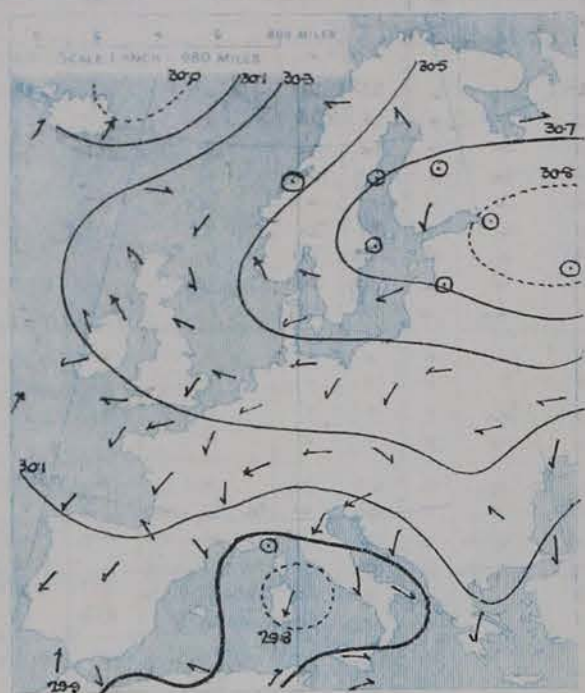
Thursday,  
25th February, 1909.

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.
				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).					
Ins.		Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°		
SCANDINAVIA.	Haparanda...	30.49	24	SE	4	S	30.47	-15	21	21	-4	W	2	0	*	25	21	*	*	-	
	Hernösand...	30.69	25	2	0	0	30.68	-02	21	20	-4	NNW	2	0	*	28	72	*	*	-	
	Stockholm...	30.73	24	E	2	0	30.72	+01	22	21	+4	E	2	0	*	30	14	*	*	-	
	Wisby...	30.65	23	E	4	0	30.59	-04	23	21	-1	E	4	bc	*	27	19	*	*	-	
	Karlstad...	30.71	18	N	2	0	30.73	+01	22	22	0	2	0	0	*	30	21	*	*	-	
	Færder (X'ania Fjord)	30.66	26	NE	3	c	30.66	+01	23	22	-6	NNE	4	0	1	30	21	*	*	-	
	Bodö...	30.49	36	ESE	2	c	30.44	-01	40	39	+6	SSW	4	0	2	40	30	*	*	-	
	Christiansund...	30.52	37	2	0	c	30.63	+14	31	30	-2	2	0	0	2	39	30	*	*	-	
ICELAND & FAEROE.	Skudesnaes...	30.62	35	SE	2	0	30.61	+07	27	26	-7	2	0	m	0	36	27	0, 6	*	-	
	Reykjavik...	30.20	37	SW	1	c	30.31	+18	35	*	0	E	3	r	*	*	*	*	*	*	
	Blönduós...	30.24	35	SSE	1	c	30.42	+35	32	*	-4	2	0	c	*	*	*	*	*	*	
	Seydisfjord...	30.18	42	SW	2	c	30.60	+61	36	*	-18	2	0	bc	*	*	*	*	*	*	
BRITISH ISLANDS.	Thorshavn...	30.39	44	SSW	1	c	30.46	+08	41	*	-5	2	0	0	*	*	*	*	*	*	
	Sumburgh Head	30.48	39	S	2	0	30.52	+06	40	37	-1	3	1	0	2	43	39	0	*	0.01	
	Stornoway...	30.38	42	NW	2	0	30.44	+04	33	33	-3	2	0	c	0	46	31	bc, by, ce	4.3	-	
	Castlebay (Barra Id.)	30.36	44	SE	3	0	30.42	+06	41	38	-1	SE	4	opm	4	44	40	or, om, op	0.0	0.05	
	Malin Head...	30.32	43	ESE	2	om	30.36	+04	39	39	-3	S	2	opgm	2	46	38	om, omp	*	0.05	
	Blackod Pt. ...	30.31	45	2	0	cm	30.37	+05	43	42	-1	S	2	c	1	49	41	bc, cm, cgm	*	-	
	Valencia...	30.29	45	2	0	0	30.38	+09	32	32	-3	NNE	1	bc	4	49	31	bc, 6	8.6	-	
	Roche's Point...	30.29	39	E	1	bc	30.39	+09	38	38	+2	NE	2	f	2	47	34	bc, cm, f	*	0.02	
	Birr Castle...	30.30	42	SE	2	bc	30.39	+08	38	37	+11	SSE	1	0	*	48	26	bc	3.0	-	
	Donaghadee...	30.37	40	ENE	3	0	30.44	+09	40	38	-4	ESE	3	0	3	43	39	0, f, 0	*	-	
	Liverpool Obsy...	30.40	36	ESE	3	m	30.47	+12	30	28	-5	ESE	1	0	2	40	27	od, bc	5.4	-	
	Holyhead...	30.35	40	SSW	1	m	30.43	+13	34	33	-6	E	3	om	2	44	33	f, m	*	-	
	Pembroke (St. Ann's Hd.)	30.32	40	SE	3	c	30.40	+12	31	30	-6	ENE	2	bm	3	41	30	egm, cm	0.0	-	
	Scilly (St. Mary's)	30.27	46	E	2	bc	30.35	+10	41	38	0	NE	2	c	3	50	40	bc	5.5	-	
	Jersey (St. Aubins)	30.28	38	ENE	4	0	30.31	+06	36	33	+2	NNE	4	0	3	43	32	cm, b, me, og	8.5	-	
	Portland Bill...	30.33	39	ENE	4	bm	30.35	+05	32	31	-4	N	3	0	2	40	28	b, bm	6.2	-	
	Dungeness...	30.32	34	NE	4	c	30.24	-04	35	33	0	ENE	5	0	4	37	31	bc, bps, ce	8.4	0.02	
	Dover...	*	*	*	*	*	30.29	-07	33	32	+3	NE	4	0	4	36	30	b, bc, opo	9.1	-	
	Wick...	30.42	42	S	3	m	30.47	+07	37	34	+2	S	3	c	4	45	35	-	*	0.03	
	Nairn...	30.41	38	ESE	1	0	30.47	+07	26	25	-10	2	0	m	1	44	25	bc, by, ce	1.2	-	
	Aberdeen...	30.49	39	SSE	2	0	30.54	+13	37	35	-3	SSE	2	0	2	40	37	or, o, c, o	0.0	0.04	
	Leith...	30.41	36	NE	1	bc	30.49	+11	29	28	-12	SE	1	c	*	41	27	op, c, bc	*	0.02	
	North Shields	30.44	37	SE	3	c	30.46	+08	36	34	-2	E	3	0	3	40	34	c	*	-	
	Spurn Head...	30.42	35	E	3	bc	30.39	00	37	34	0	NE	4	0	3	41	32	bc, cv	*	-	
Yarmouth...	30.43	33	NE	3	bc	30.37	-03	35	32	0	NE	5	c	5	36	33	c, bc	4.0	-		
Clacton-on-Sea...	30.39	33	NE	3	c	30.32	-04	34	33	-1	NNE	3	0	2	37	32	bc, o, co	4.0	-		
Nottingham...	30.43	32	E	2	0	30.42	+02	34	33	+2	NE	2	0	*	42	29	o, c, b, o	8.1	-		
Bath...	30.37	34	NE	1	m	30.41	+05	32	30	+1	NE	1	0	*	42	21	-	7.3	-		
Oxford...	30.41	31	ENE	2	0	30.40	00	33	32	+5	N	3	0	*	42	26	0	*	-		
London (St. James's Pk)	30.37	34	ENE	3	0	30.33	-02	34	34	+3	NNE	2	0	*	39	30	c, o, og	2.8	-		
GERMANY, &c.	The Scaw (Skagen)	30.59	30	ENE	4	0	30.59	-02	27	26	-3	ENE	3	0	1	32	27	*	*	-	
	Fanö...	30.49	28	ESE	4	0	30.51	-01	28	27	0	ESE	4	0	*	32	27	*	*	-	
	Cuxhaven†...	30.40	31	E	3	0	30.40	-07	25	29	-2	E	4	0	*	32	25	*	*	-	
	The Helder...	30.40	32	NNE	3	0	30.34	-09	30	28	+2	E	3	0	2	32	28	*	*	-	
	Brussels...	*	*	*	*	*	30.25	-09	27	25	+3	NE	1	0	*	34	23	*	*	0.04	
	Berlin†...	30.33	24	ESE	3	0	30.38	-03	21	21	-5	E	3	0	*	28	19	*	*	0.04	
	Frankfurt†...	30.25	26	NE	4	0	30.25	-07	21	21	0	NE	3	0	*	30	19	*	*	-	
	Munich†...	30.25	8	E	2	0	30.20	-11	12	12	+9	SE	3	0	*	14	3	*	*	-	
FRANCE.	C. Gris Nez...	30.31	31	NE	4	0	30.23	-07	33	33	+6	ENE	3	0	3	37	30	*	*	-	
	La Hève...	30.32	32	ENE	3	m	30.27	00	30	28	+1	ENE	2	0	2	37	27	*	*	-	
	Brest...	30.27	44	NE	2	0	30.34	+08	35	30	-3	E	2	0	m	2	48	34	*	*	-
	Lorient...	30.18	42	NE	2	0	30.27	+09	31	30	-5	NE	3	0	2	48	30	*	*	-	
	Rochefort...	30.21	38	NE	3	0	30.26	+09	29	28	-2	NE	2	0	2	46	28	*	*	-	
	Biarritz...	30.14	44	N	4	0	30.24	+12	27	25	-7	ESE	4	0	2	46	27	*	*	-	
	Paris...	30.17	31	NNE	2	0	30.21	-04	28	27	+6	NNE	2	0	*	35	22	*	*	-	
	Belfort...	30.13	20	ENE	8	m	30.13	-02	16	15	-1	ENE	2	0	*	30	13	*	*	-	
SPANISH PENIN.	Lyons...	30.12	23	NNW	2	0	30.17	+04	16	16	-5	NW	1	0	*	31	16	*	*	-	
	Nice...	29.90	25	E	4	0	29.80	-12	28	22	-2	2	0	0	4	34	25	*	*	-	
	Perpignan...	29.96	41	NW	4	0	30.06	+15	31	25	-5	NW	5	0	4	50	29	*	*	-	
	Sanguinaire...	29.94	43	SE	3	0	29.61	-13	39	37	-6	NW	8	0	8	57	32	*	*	-	
	Corunna...	29.99	53	NNW	4	0	30.09	+18	53	50	+3	N	4	0	*	63	50	*	*	-	
	Lisbon...	29.99	53	NNW	4	0	30.09	+18	53	50	+3	N	4	0	*	63	50	*	*	-	
	Azores (P. Delgada)	29.88	62	S	5	0	29.80	-08	61	58	+1	S	7	0	7	63	60	*	*	-	
	„ Horta...	29.88	62	S	5	0	29.80	-08	61	58	+1	S	7	0	7	63	60	*	*	-	

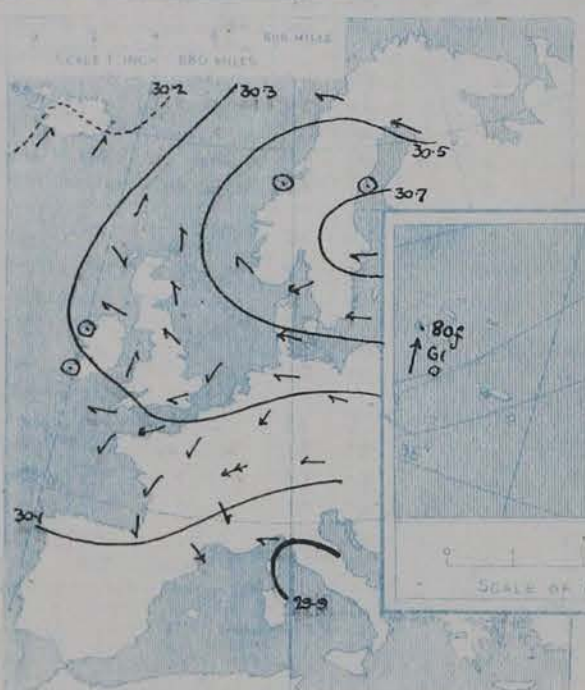


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

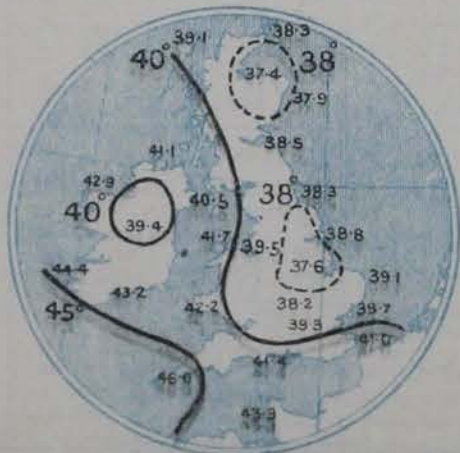
7 A.M. YESTERDAY



6 P.M. YESTERDAY

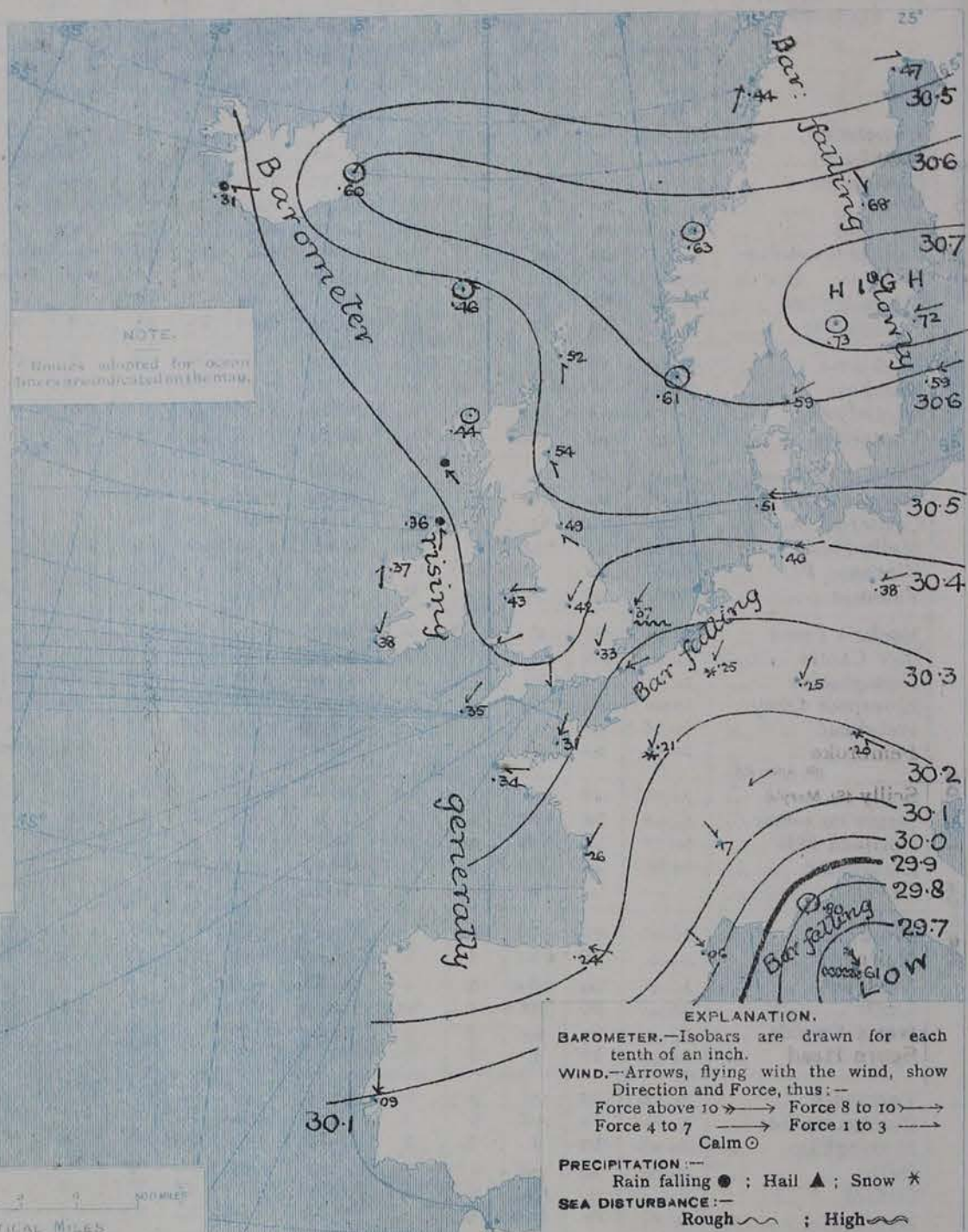


AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
FEBRUARY - MARCH.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Thursday, WEATHER 25<sup>th</sup> Feb.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

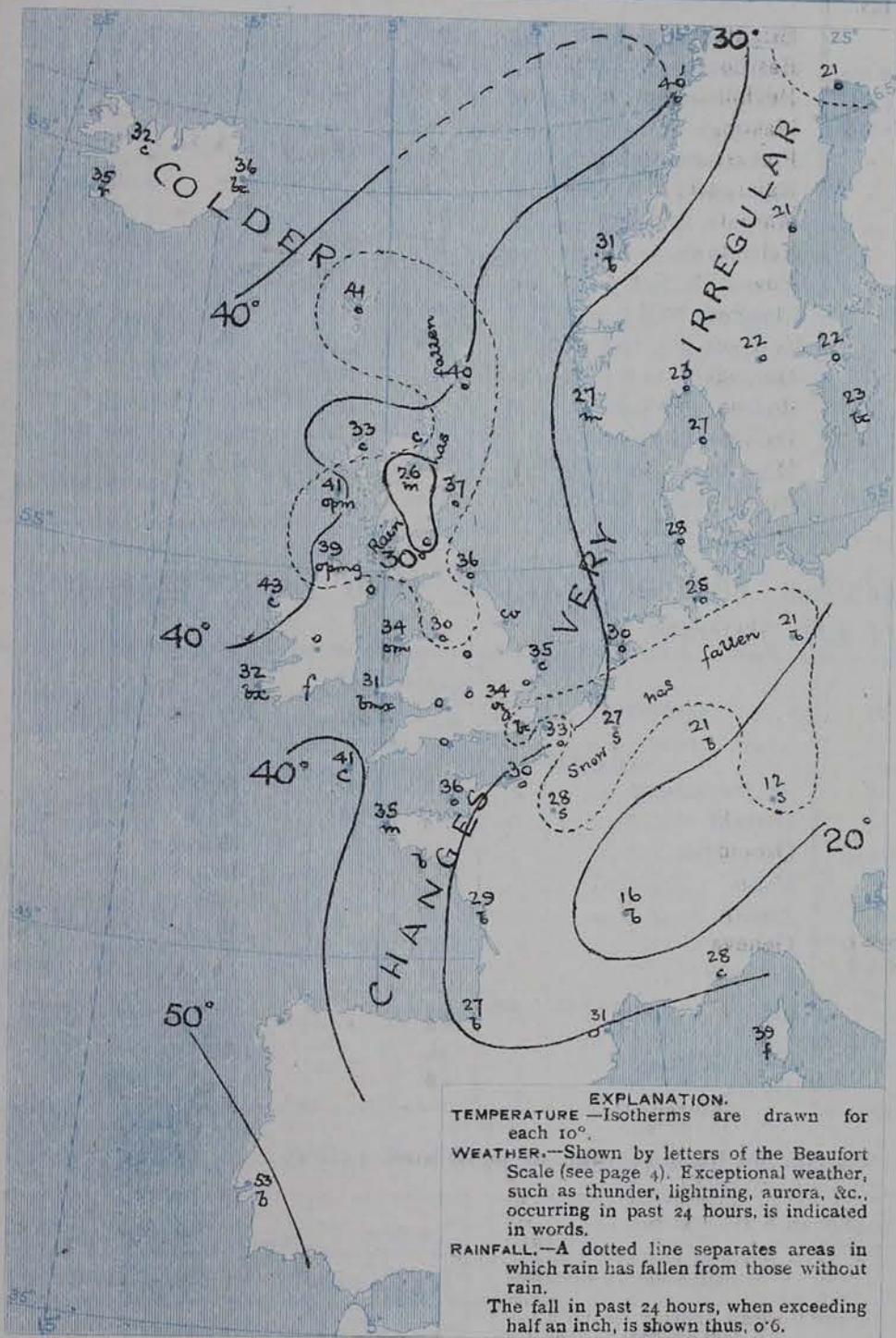
The region of highest pressure now lies across the northern portion of our area, from Iceland eastward, the barometer being at about 30½ ins. in the neighbourhood of Stockholm, and above 30½ ins. in the east of Iceland. A depression of increasing depth is indicated over the Western Mediterranean and Italy, with the barometer down to 29.6 ins. in Corsica. This system is expanding northward across France to the south-east of England. The gradient is rather steep over south-eastern France, slight elsewhere.

Calms and very light variable breezes prevail generally over the western and northern parts of the region under observation. Easterly to Northerly breezes light to moderate in force over south-eastern England and the neighbouring parts of the Continent, a North-Westerly gale in Corsica. The temperature changes are again very irregular. Over the British Isles the readings range from 26° at Nairn to 43° at Blacksod Point; in Scandinavia from 21° at Haparanda and Kernösund to 40° at Bodö; over Western Europe from 12° at Munich to 35° at Brest, and 53° at Lisbon; in Iceland from 31° to 36°. The clear bright weather has now been succeeded by overcast, dull skies over nearly the whole of our area, rain showers are falling on our north-western coasts and in the south-west of Iceland, snow at Brussels, Paris and Munich, and the atmosphere is misty or foggy at several home and foreign stations. A very high sea is running on the Mediterranean, a high sea off the Azores, and it is rather rough off Falmouth, moderate to very smooth on all the coasts.



# CHARTS 25<sup>th</sup> February, 1909.

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



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to between 45° and 50° only at some of the more western stations, at many eastern and southern ones the maxima were below 40°. Slight frost occurred in the night in several districts, at Nain the shade minimum was 25°, and at Bath 21°; at Oxford the grass minimum was 19°. Several stations report no bright sunshine, but many others again report large amounts up to more than 9 hours at Bournemouth, Nottingham, Hastings, Folkestone and Dover. Wireless reports show that steamers experienced light to fresh southerly winds and fair weather as far as the twentieth meridian.

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

A disturbance from the Mediterranean is spreading northward across France, and it seems probable therefore that in the coming twenty-four hours the conditions over these Islands will be of a less settled type, with freshening breezes and some snow in many parts of 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  | a | Calms and light variable breezes; fair to dull, some showers locally; cold.                                     |
| 1  | b |   |
| 2  | a | North-easterly to northerly breezes, freshening; less settled, some snow; cold.                                 |
| 3  | b |   |
| 4  | a | Same as Nos. 0 and 1.   |
| 5  | b |   |
| 6  | a | Same as Nos. 2 to 5.  |
| 7  | b |   |
| 8  | a | Light variable breezes, North-easterly later, and freshening; cloudy to dull, local showers, mist or fog; cold. |
| 9  | b |   |
| 10 | a |   |
| 11 | b |   |

### 11 WESTERN CHANNEL AND BAY

Light North-easterly to northerly breezes; sea moderate to smooth; fair or fine, some mist or fog; cold.

### FORECAST DISTRICTS.

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

Signals hoisted yesterday.

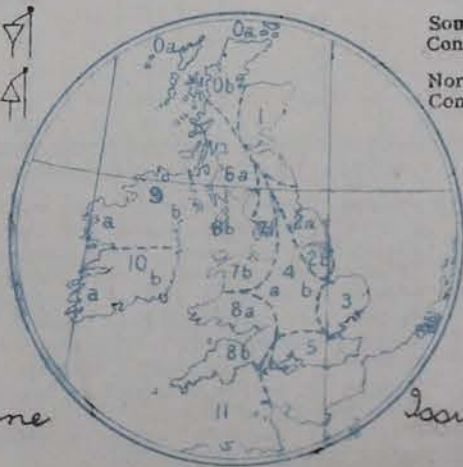
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.





## DAILY WEATHER REPORT.

Thursday, 25th February, 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....	48	41	cm. of. og	*	-	Brighton, to 6 p.m. ...	40	27	*	7.8	-
Rossall Beach, to 6 p.m....	47	33	or, o, c	*	0.02	Eastbourne, to 6 p.m. ...	40	27	*	7.7	-
Blackpool, to 9 p.m. ...	42	33	p, om, b	4.2	0.01	Bexhill-on-Sea, to 9 p.m.	38	30	b	8.9	-
Southport, to 9 p.m. ...	40	32	org, c, b	3.9	0.05	Hastings ... ..	*	*	*	9.3	*
Rhyl, to 6 p.m. ... ..	45	35	*	2.5	-	Folkestone, to 6 p.m. ...	36	28	c, b, bc	9.0	-
Colwyn Bay, to 6 p.m. ...	43	32	bc	0.0	-	Ramsgate, to 6 p.m. ...	*	*	*	7.2	-
Llandudno, to 9 p.m. ...	43	36	bc, o	0.0	-	Margate, to 6 p.m. ...	37	31	b, o, b	5.8	-
Bettws-y-Coed, to 6 p.m.						Felixstowe, to 6 p.m. ...	38	32		4.0	-
Towyn, to 6 p.m. ... ..	42	31	c, o	0.0	-	Lowestoft, to 6 p.m. ...	37	30	bc, o, cw	4.0	-
Aberystwyth, to 6 p.m....	44	38	*	0.0	-	Skegness, to 6 p.m....	41	31	m, bc, b, c	8.0	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	44	35	bc	7.5	-
Torquay, to 6 p.m....	44	34	*	3.9	-	Harrogate, to 6 p.m. ...	41	30	o, c, bc, b	5.2	0.01
Weymouth, to 6 p.m. ...	42	32	bc, b	6.2	-	Buxton, to 6 p.m. ... ..	39	26	om, c, bc	7.5	-
Bournemouth, to 6 p.m....	42	29	b, bc, b	9.1	-	Darwen, to 9 p.m. ... ..	41	28	om, b	4.2	-
Southsea, to 6 p.m....	42	29	*	7.7	-	Manchester, to 9 p.m. ...	43	31	o, c, b	5.3	-
Worthing, to 6 p.m. ...	40	29	m, b, c, b	9.2	-	Birmingham, to 9 p.m....	40	27	o, c, bc, b	3.3	-

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

STATIONS. 24th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 24th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ... ..	64	45	b, b	Ins.	St. Petersburg ... ..	23	12	f, f	Ins.
Marseilles ... ..	52	32	b, s	-	Utrecht ... ..	43	23	b, b	-
Malta ... ..	55	47	o	0.04	Groningen ... ..	41	39	b, m	-
Algiers ... ..	59	48	b, b	-	Berne ... ..	*	*	bc, c	-
Tunis ... ..	63	41	b, c	-	Zurich ... ..	*	*	b, c	0.04
Palermo ... ..	58	40	r, o	0.32	Geneva ... ..	*	*	b, o	-
Naples ... ..	43	30	b, b	0.08	Lugano ... ..	*	*	b, b	-
Brindisi ... ..	48	37	s, bc	-					
Florence ... ..	43	30	b, o	-	Coire ... .. 23rd Feb. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Rome ... ..	45	32	b, c	-	Castasegna ... ..	25	*	o	-
Vienna ... ..	18	9	b, f	-	Davos ... ..	18	*	s	-

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
			Ins.											Ins.			
Cymric	Feb. 23. 4.40	45 N.	28 W.	29.83	SSE	6-7	-	-	-	-							
	" 7.00	48 N.	27 W.	29.86	SSE	8-9	o	-	-	-							
	" 3.40	48 N.	25 W.	29.98	ESE	6-7	-	-	-	-							
	" 6.40	49 N.	24 W.	29.90	SSE	6-7	c	-	-	-							
	Feb. 24. 4.40	49 N.	20 W.	29.99	SSE	6-7	-	-	-	-							
	" 7.00	50 N.	19 W.	29.99	S	4-5	bc	-	-	-							
Pennsylvania	" 3.40	50 N.	16 W.	30.13	SSE	1-3	-	-	-	-							
	" 6.40	50 N.	15 W.	30.13	SSE	1-3	c	-	-	-							
Pennsylvania	Feb. 24. 7.00	49 N.	15 W.	30.16	SSE	4	-	-	-	-							

## 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. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
26th February, 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.	Max.	Min.	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).								
SCANDINAVIA.	Haparanda...	Ins.	"				Ins.	Ins.	"	"	"									Hours.	Ins.
	Hernösand...	30.45	23	SW	2	b	30.49	+0.02	13	18	-2	N	2	o	*	27	18	*	*	-	-
	Stockholm...	30.71	15	2	0	b	30.68	0.00	10	9	-11	2	0	b	*	27	19	*	*	-	-
	Wisby...	30.68	26	ENE	4	o	30.68	-0.01	27	26	+5	ESE	2	o	*	27	21	*	*	-	-
	Karlstad...	30.59	24	E	2	o	30.62	+0.03	27	26	+4	SE	2	c	*	28	21	*	*	-	-
	Færder (X'ania Fjord)	30.70	18	2	0	o	30.68	-0.05	18	18	-4	NE	2	o	*	*	*	*	*	-	-
	Bodø...	30.63	27	NE	4	b	30.60	-0.06	24	16	-1	ENE	4	c	2	27	21	*	*	-	-
	Christiansund	30.54	37	W	4	t	30.55	+0.11	34	33	-6	2	0	s	1	41	32	*	*	-	-
ICELAND & FAEROE.	Thorshavn...	30.70	33	2	0	b	30.63	+0.10	28	26	-3	2	0	b	1	39	25	*	*	-	-
	Skudesnaes...	30.62	34	NNE	2	b	30.52	-0.09	28	27	+1	2	0	m	1	37	27	*	*	-	-
	Reykjavik...	30.37	43	S	3	c	30.53	+0.22	39	*	+4	NE	3	c	*	*	*	*	*	-	-
	Blönduós...	30.43	34	2	0	o	30.66	+0.24	32	*	0	E	3	c	*	*	*	*	*	-	-
BRITISH ISLANDS.	Seydisfjord...	30.47	37	2	0	m	30.50	+0.13	43	*	+7	SW	2	b	*	*	*	*	*	-	-
	Sumburgh Head	30.54	44	2	0	c	30.60	+0.14	41	*	0	2	0	o	*	*	*	*	*	-	-
	Stornoway...	30.61	39	S	1	o	30.64	+0.12	35	34	-5	2	0	o	2	44	33	o	*	-	-
	Castlebay (Barra Id.)	30.51	37	2	0	bc	30.61	+0.17	31	31	-2	2	0	b	0	45	30	eg, b, g, x	1.7	-	-
	Malin Head	30.51	40	SE	4	opm	30.60	+0.18	39	35	-2	ESE	2	o	3	41	38	opm, omv, c, o	0.0	0.01	-
	Blackod Pt.	30.42	37	S	3	opm	30.54	+0.18	35	34	-4	SSE	2	eg	2	40	33	omv	*	0.07	-
	Valencia...	30.42	46	2	0	om	30.50	+0.13	41	40	-2	ENE	2	om	1	48	39	bc, omv	*	0.07	-
	Valencia...	30.41	45	2	0	bm	30.43	+0.05	39	37	+7	NE	1	om	3	49	32	bm	8.3	-	-
	Roche's Point	30.42	45	ESE	2	ogm	30.47	+0.08	39	39	+1	ENE	1	r	1	47	37	f, omv, adm	0.0	0.23	-
	Birr Castle	30.40	45	2	0	o	30.50	+0.11	37	36	-1	SE	2	o	*	49	35	o, op	0.0	0.02	-
	Donaghadee	30.49	38	ESE	3	c	30.53	+0.09	37	33	-3	ENE	3	o	2	41	36	o	*	-	-
	Liverpool Obsy...	30.49	35	NE	2	o	30.50	+0.03	32	31	-2	NNE	2	o	2	36	30	og	0.0	-	-
	Holyhead...	30.45	36	E	3	cm	30.49	+0.06	38	33	+1	ENE	2	om	1	40	33	bc, cm	*	-	-
	Pembroke	30.42	35	ENE	3	b	30.45	+0.05	34	30	+3	NE	3	ogx	3	40	30	bc, cm, b, m	6.3	-	-
	(St. Ann's Hd.)																				
	Scilly (St. Mary's)	30.38	39	NE	3	bc	30.39	+0.01	38	35	-3	NE	2	bc	2	48	37	bc	8.4	-	-
	Jersey (St. Aubins)	30.29	37	NE	4	o	30.32	+0.01	35	32	-1	NE	3	o	3	40	34	oshp, o, ogm	0.3	-	-
GERMANY, &c.	Portland Bill	30.35	36	NNE	4	o	30.38	+0.03	31	30	-1	NNE	3	o	2	38	29	o	0.0	-	-
	Dungeness...	30.29	33	ENE	4	c	30.27	+0.03	35	34	0	NE	4	o	4	35	30	cpo, o, c	0.0	0.04	-
	Dover...						30.31	+0.02	32	32	-1	NE	1	o	4	34	30	os, o, bc, o	0.6	0.03	-
	Wick...	30.55	38	SE	2	c	30.60	+0.13	36	34	-1	2	0	o	1	39	34	-	*	-	-
	Nairn...	30.54	33	2	0	m	30.62	+0.15	34	33	+8	2	0	o	1	44	24	z, bc, c	6.9	-	-
	Aberdeen...	30.59	38	ESE	2	o	30.61	+0.07	37	34	0	NE	2	o	2	39	37	o	0.0	-	-
	Leith...	30.52	37	ESE	2	o	30.55	+0.06	38	34	+9	ENE	3	o	*	38	29	cp, c, o	*	0.01	-
	North Shields	30.50	37	E	3	o	30.49	+0.03	37	33	+1	NNE	3	o	3	38	33	c, o, p, o	*	-	-
	Spurn Head	30.43	36	ENE	4	c	30.37	-0.02	37	34	0	NNE	5	o	4	37	34	cv, cpo, o	*	-	-
	Yarmouth...	30.40	32	ENE	5	o	30.36	-0.01	35	32	0	N	4	cpo	4	35	31	o, sp	0.0	0.05	-
	Clacton-on-Sea	30.39	32	NE	4	o	30.33	+0.01	31	30	-3	NNW	3	o	2	35	31	opoh, g	0.0	0.04	-
	Nottingham...	30.44	35	ENE	3	o	30.43	+0.01	34	32	0	N	3	o	*	36	32	os, o	0.0	-	-
	Bath...	30.40	36	NE	2	o	30.41	+0.00	32	31	0	NE	1	o	*	37	30	-	0.0	-	-
	Oxford...	30.44	32	NE	4	o	30.40	0.00	32	31	-1	NNE	3	o	*	36	30	o, osp	*	-	-
	London (St. James's Pk)	30.37	33	NE	3	o	30.34	+0.01	32	32	-2	NNE	2	os	*	37	31	osp, o	0.0	-	-
	The Scaw (Skagen)	30.57	28	ENE	4	o	30.51	-0.08	29	28	+2	E	4	o	1	30	27	*	*	-	-
FRANCE.	Fanö...	30.47	28	NE	2	c	30.41	-0.10	28	27	0	NE	2	o	*	30	27	*	*	-	-
	Cuxhaven...	30.43	28	E	2	o	30.34	-0.06	25	23	0	E	3	os	*	32	23	*	*	-	-
	The Helder	30.43	28	ENE	3	bc	30.30	-0.04	30	29	0	ENE	3	s	2	30	27	*	*	-	-
	Brussels...		*	*	*	*	30.25	0.00	23	22	-4	NNE	1	o	*	35	21	*	*	-	-
	Berlin...	30.36	26	E	4	o	30.36	-0.02	23	23	+2	ESE	3	o	*	27	19	*	*	-	-
	Frankfurt...	30.22	24	N	5	b	30.16	-0.09	22	23	+1	N	4	o	*	30	21	*	*	-	-
	Munich...	30.10	22	NE	5	o	30.08	-0.12	19	23	+7	SE	3	o	*	23	12	*	*	-	-
	C. Gris Nez	30.30	31	ENE	4	o	30.28	+0.05	30	28	-3	NE	4	o	3	34	28	*	*	-	-
	La Hève...	30.32	28	ENE	2	bc	30.28	+0.01	32	30	+2	ENE	3	c	4	32	28	*	*	-	-
	Brest...	30.33	40	NNE	3	o	30.36	+0.02	37	36	+2	NNE	2	o	5	41	35	*	*	-	-
	Lorient...	30.22	39	N	5	o	30.27	0.00	34	32	+3	NNE	2	o	2	45	31	*	*	-	-
	Rochefort...	30.18	36	N	3	o	30.23	-0.03	28	27	-1	NNE	4	bc	2	37	27	c, o	*	-	-
	Biarritz...	30.21	37	WNW	1	s	30.22	-0.02	28	27	+1	ENE	3	bc	2	41	27	*	*	0.16	-
	Paris...	30.23	30	NNE	2	b	30.21	0.00	24	23	-4	NNE	4	o	*	33	24	*	*	-	-
	Belfort...	30.10	21	ENE	7	m	30.07	-0.06	20	19	+4	ENE	2	s	*	25	19	*	*	-	-
	Lyons...	30.11	28	N	2	o	30.11	-0.06	24	23	+8	N	1	s	*	31	21	*	*	-	-
	Nice...	29.81	32	2	0	c	29.92	+0.12	30	30	+2	E	3	c	3	37	27	*	*	-	-
SPANISH PENIN.	Perpignan...	30.05	35	NW	6	c	30.06	0.00	31	27	0	NW	2	c	*	40	30	*	*	-	-
	Sanguinaire...	29.85	37	NW	5	o	29.91	+0.30	39	37	0	SE	4	o	5	43	32	*	*	0.51	-
	Corunna...	30.29	52	NE	3	b	30.34	+0.09	44	41	-1	NE	3	o	4	54	39	*	*	-	-
	Lisbon...	30.10	50	NNE	2	b	30.08	-0.01	46	44	-7	NNE	4	o	*	61	45	*	*	-	-
AZORES (P. Delgada)	Azores...																				
	Horta...	29.84	60	SSE	5	o	29.82	+0.02	61	58	0	SE	6	o	6	63	57	*	*	0.16	-



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

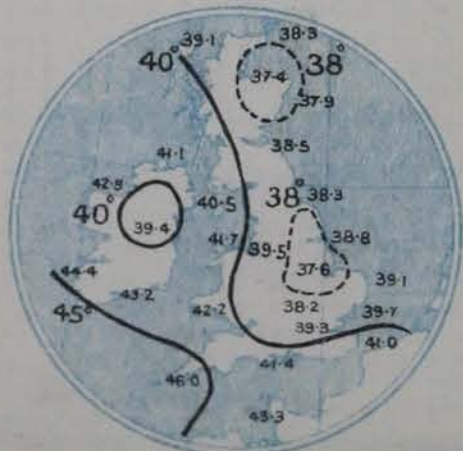
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



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

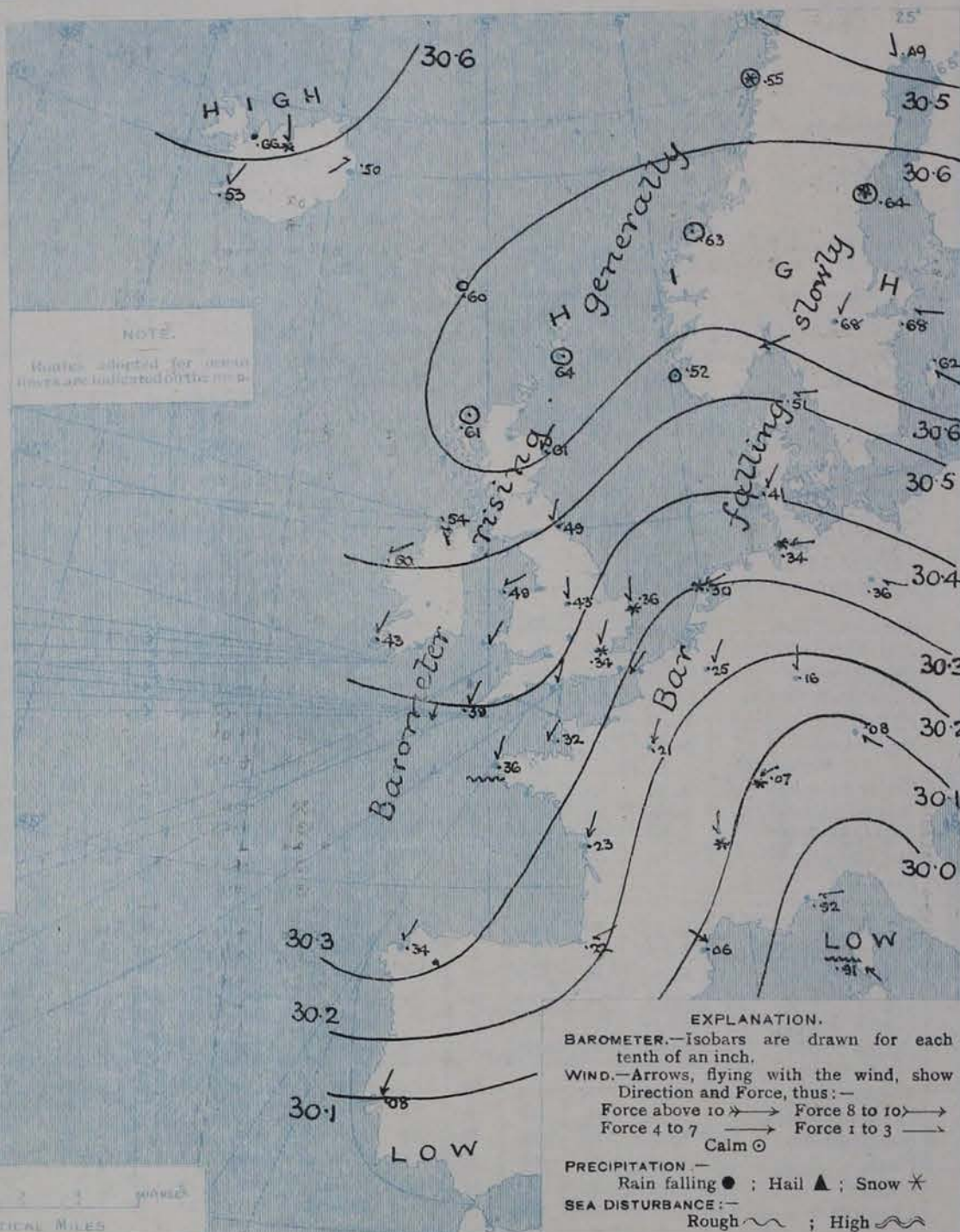


Friday.

WEATHER

26th Feb. 1909.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is now highest, above 30.6 ins., in an anticyclone extending from the north of Scotland eastward into Russia, and in another spreading down from northern Greenland to Iceland. In a depression over the Alpine region the barometer is below 30 ins. The gradient is everywhere slight.

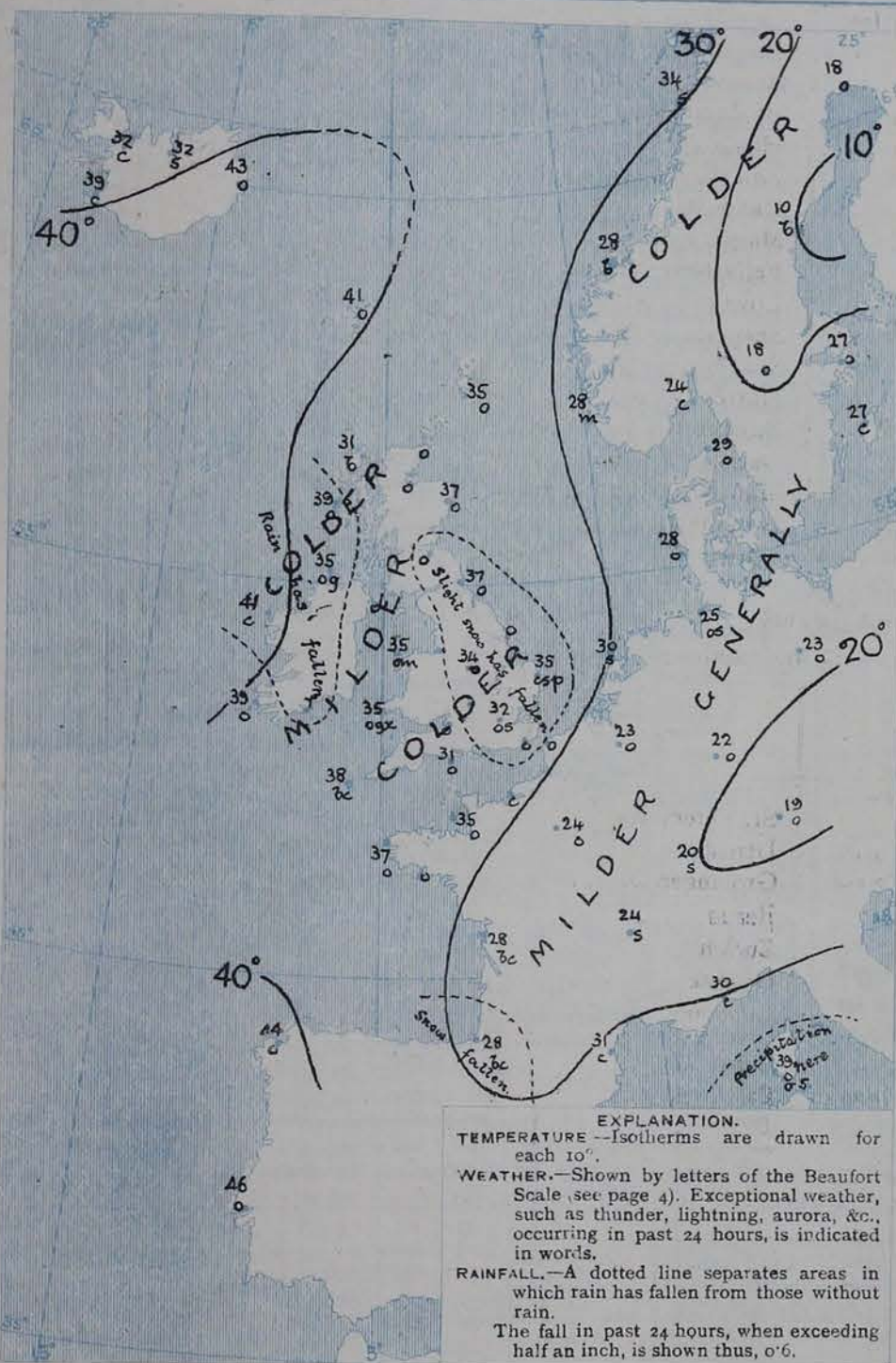
Calm and very light airs prevail over the more northern portion of the region under observation; elsewhere Easterly to Northerly breezes are reported, but only at Spurn Head is there so much as a fresh breeze. The temperature changes are mostly very slight. Over the British Isles the values range from 31° at Clacton-on-sea, Portland Bill and Hornoway to 41° at Blackrod Point; in Scandinavia from 10° at Helsingfors to 34° at Bodö; over Western Europe from 19° at Munich to 37° at Brest; and in Iceland from 32° to 43°. Very cloudy to overcast skies prevail over nearly the whole of our area, rain is falling at Roches Point, slight snow in London. Snow is also falling at some of the foreign stations. The sea is rather rough off Brest and on the coast of Corsica, moderate to very smooth elsewhere.



# CHARTS

26th February, 1909.

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



### NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose above 45° only at a few of the west coast stations, over the country generally the maxima were below 40°, in several neighbourhoods only 34° or 35°, and at Buxton 33°. Slight frost occurred in the night in many places, and at Nairn a shade minimum of 24° was registered. Slight showers of rain or snow have fallen in many localities. As a rule there was little or no bright sunshine, but at a few of the western and northern stations the record was large, up to 7.4 hours at Lough, 5.3 at Valencia, and 5.4 hours at Seilly.

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

There is now a tendency for the northern anticyclone to be transferred gradually to the Iceland region and the Atlantic, and for the depression over Southern Europe to move towards the Baltic. A more Northerly type of conditions is, therefore, likely to be set up over these Islands, with a continuation of the cold weather.

## 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 | Calms and light Variable N.E. breezes; fair to dull, some snow showers; cold.                     |
| 1  | b |   |
| 2  | a | N.E. to N. breezes, moderate to fresh at times on coast; cloudy to dull, some snow showers; cold. |
| 3  | b |   |
| 4  | a | Same as Nos. 0 & 1.   |
| 5  | b |   |
| 6  | a | Light N.E. to N. breezes; cloudy to dull, some snow showers; cold.                                |
| 7  | b |   |
| 8  | a | Light Variable to N.E. breezes; cloudy to dull, local cold showers; temperature below the normal. |
| 9  | b |   |
| 10 | a |   |
| 11 | b |   |

### WESTERN CHANNEL AND BAY.

Light N.E. to N. breezes; sea smooth to moderate; fair, cloudy weather, local mist or fog; cold.

### FORECAST DISTRICTS.

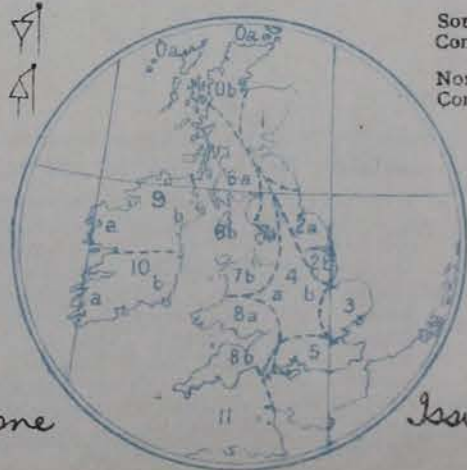
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South  
Cone.  
North  
Cone.

South  
Cone.  
North  
Cone.



None

Issued



## DAILY WEATHER REPORT.

Friday, 26th February, 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	41	og, z, f, d	*	-	Brighton, to 6 p.m. ...	35	29	sp	0.0	0.02
Rossall Beach, to 6 p.m. ...	38	23	x, c, o	*	-	Eastbourne, to 6 p.m. ...	34	28	*	0.0	0.05
Blackpool, to 9 p.m. ...	37	22	o	0.0	-	Bexhill-on-Sea, to 9 p.m. ...	35	30	s, c	0.0	0.05
Southport, to 9 p.m. ...	36	25	o, x, z, o	0.0	-	Hastings ...	*	*	*	0.2	*
Rhyl, to 6 p.m. ...			*			Folkestone, to 6 p.m. ...	34	30	c, o	0.2	-
Colwyn Bay, to 6 p.m. ...	37	27	m, bc, c, o	0.3	-	Ramsgate, to 6 p.m. ...	*	*	*	0.3	-
Llandudno, to 9 p.m. ...	37	27	o, bc, o	2.9	-	Margate, to 6 p.m. ...	35	32	s, o	0.0	0.03
Bettws-y-Coed, to 6 p.m. ...	36	22	c, bc, c, o	1.0	*	Felixstowe, to 6 p.m. ...	34	32	-	0.0	0.02
Towyn, to 6 p.m. ...	41	35	b	7.4	-	Lowestoft, to 6 p.m. ...	35	32	o, c, chp, o	0.0	-
Aberystwyth, to 6 p.m. ...	39	32	*	6.0	-	Skegness, to 6 p.m. ...	37	34	c	0.0	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	40	35	o	0.0	-
Torquay, to 6 p.m. ...	38	28	*	0.0	-	Harrogate, to 6 p.m. ...	34	26	bc, o	0.0	-
Weymouth, to 6 p.m. ...	38	26	c, o	0.0	-	Buxton, to 6 p.m. ...	33	26	bc, csp, c	0.0	-
Bournemouth, to 6 p.m. ...	38	23	o	0.1	-	Darwen, to 9 p.m. ...	34	26	bc, og, ow	0.0	-
Southsea, to 6 p.m. ...	37	28	*	0.0	-	Manchester, to 9 p.m. ...	37	28	b, bc, o	0.0	-
Worthing, to 6 p.m. ...	35	28	o, rs, o	0.0	-	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 7 a.m. yesterday.

STATIONS. 25th Feb. 1909.	TEMPERATURE F.		WEATHER	RAIN.	STATIONS. 25th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
	°	°		Ins.		°	°		Ins.
Madeira ...	not	received			St. Petersburg ...	19	7	f, s	-
Marseilles ...	39	21	b, b.	0.04	Utrecht ...	34	23	c, o	-
Malta ...	59	49	b	0.04	Groningen ...	32	25	o, o	-
Algiers ...	63	48	b, bc	-	Berne ...	*	*	b, o	-
Tunis ...	63	39	b, c	-	Zurich ...	*	*	b, s	-
Palermo ...	59	44	b, o	0.28	Geneva ...	*	*	b, r	-
Naples ...	46	33	o, b	0.47	Lugano ...	*	*	o, o	-
Brindisi ...	44	32	c, b	-					
Florence ...	33	28	o, s	-	Coire ...	19	*	1.30 p.m.	Measured
Rome ...	45	37	r, o	0.04	Castasegna ...	25	*	o	7.30 a.m.
Vienna ...	23	19	o, f	-	Davos ...	12	*	b	0.04

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Direc.	Force.	
Mount Temple { Feb 26. 4 a.m.	49N.	6 W.	30.35	NE	4-5	-	-	-	-	-				Ins.			
" " 7 a.m.	49N.	7 W.	30.35	NNE	4-5	o	-	-	-	-							

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

- (a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- \* Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

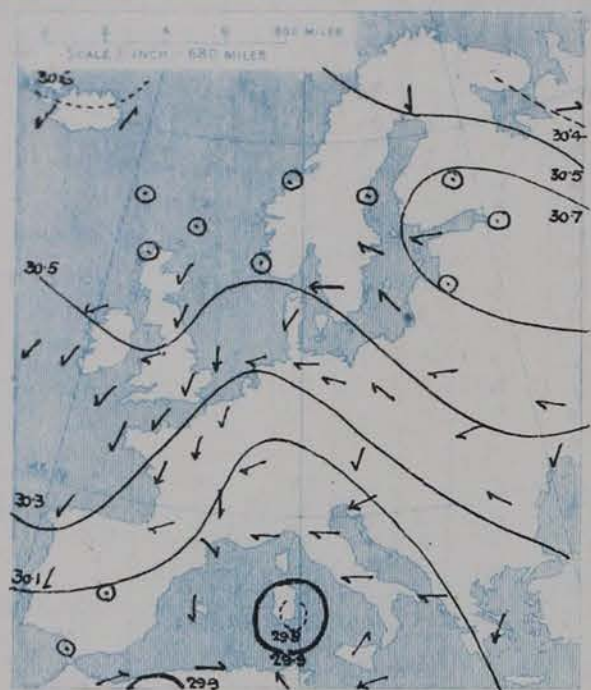
Saturday,  
27th February, 1909.

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...	30.20	17	SW	4	o	30.01	-1.48	25	25	+7	N	4	o	30	16	*	*	*		
	Hernösand...	30.44	19	Z	o	b	30.24	-1.44	9	8	-1	Z	o	b	32	9	*	*	*		
	Stockholm...	30.54	26	ESE	4	o	30.31	-1.37	29	28	+2	SW	2	o	30	23	*	*	*		
	Wisby...	30.47	18	SE	2	o	30.25	-1.27	29	27	+2	SW	4	o	32	23	*	*	*		
	Karlstad...	30.53	25	Z	o	o	30.32	-1.36	25	24	+7	Z	o	o	*	*	*	*	*		
	Färder (X'ania Fjord)	30.50	27	E	2	o	30.30	-1.30	26	25	+2	Z	o	o	27	21	*	*	*		
	Bodö...	30.08	33	NW	6	m	30.30	-1.25	23	21	-11	N	4	c	24	19	*	*	*		
	Christiansund...	30.44	31	Z	o	b	30.29	-1.34	33	32	+5	NNW	5	s	41	?	*	*	0.12		
Skudesnaes...	30.47	35	WSW	2	c	30.30	-1.22	34	32	+6	SSW	4	o	41	28	b.c	*	*			
ICELAND & FAEROE.	Reykjavik...	30.51	40	E	1	c	30.50	-1.03	37	*	-2	E	1	c	*	*	*	*	*		
	Blönduos...	30.70	33	E	2	b	30.63	-1.03	30	*	-2	Z	o	b	*	*	*	*	*		
	Seydisfjord...	30.80	32	ENE	3	o	30.60	+1.10	28	*	-15	Z	o	b	*	*	*	*	*		
	Thorshavn...	30.60	42	N	1	c	30.58	-1.02	35	*	-6	ENE	2	c	*	*	*	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.56	40	N	1	o	30.37	-1.27	40	40	+5	N	2	o	41	35	o	*	0.02		
	Stornoway...	30.61	37	Z	o	m	30.50	-1.11	40	40	+9	NNW	3	o	41	30	b, bz, r, dp	6.0	0.03		
	Castlebay (Barra Id.)	30.59	42	NNE	1	sm	30.52	-1.08	41	38	+2	NNW	1	o	44	38	o, bc, sm, o	1.5	-		
	Malin Head...	30.55	38	ENE	3	og	30.43	-1.11	37	35	+2	NNE	3	ag	44	34	og, cg	*	-		
	Blackisd Pt.	30.63	39	ESE	2	o	30.49	-1.01	42	40	+1	NNW	2	c	43	33	em	*	-		
	Valencia...	30.51	40	ENE	3	bm	30.48	+1.05	33	30	-6	ENE	1	bx	46	32	em, bm, b	1.4	-		
	Roche's Point...	30.49	39	ENE	3	o	30.43	-1.04	34	33	-5	NW	3	c	42	33	d, og, c	*	0.03		
	Birr Castle...	30.52	36	NE	3	o	30.44	-1.06	28	27	-9	Z	o	c	39	26	o, c	0.0	-		
	Donaghadee...	30.53	38	NNE	3	bc	30.43	-1.10	38	36	+1	NE	3	bc	39	35	bc, b	*	-		
	Liverpool Obsy...	30.41	38	NNW	3	c	30.33	-1.17	34	33	+2	NNE	1	bc	39	32	bc, s, o	2.6	-		
	Holyhead...	30.44	40	NNE	4	cspw	30.34	-1.15	40	39	+5	NE	5	c	41	34	c, cspw, q	*	-		
	Pembroke (St. Ann's Hd.)	30.38	37	N	3	bc	30.29	-1.16	35	35	+1	NE	3	bcsp	40	33	omx, bc	2.3	0.07		
	Scilly (St. Mary's)	30.36	40	ENE	4	o	30.23	-1.16	38	35	o	NE	5	o	43	37	o	0.6	-		
	Jersey (St. Aubins)	30.23	36	NNE	3	o	30.10	-1.22	33	31	-2	NE	3	o	40	31	rbs, ogm, o	0.1	0.10		
	Portland Bill	30.27	37	N	3	sm	30.19	-1.19	32	31	+1	NNE	4	ops	37	29	o, sm	0.0	-		
	Dungeness...	30.16	33	NNE	4	osq	30.08	-1.19	32	32	-3	NE	3	o	35	27	ops	0.0	0.04		
Dover...	*	*	*	*	*	30.14	-1.17	31	31	-1	NNE	3	s	33	29	ops	0.0	0.10			
GERMANY, & C.	Wick...	30.57	39	Z	o	c	30.40	-1.20	39	37	+3	N	1	o	42	34	-	*	0.01		
	Nairn...	30.59	37	Z	o	o	30.45	-1.17	35	33	+1	Z	o	o	39	31	o, bc, c, o	0.0	-		
	Aberdeen...	30.54	38	NW	2	o	30.38	-1.23	36	35	-1	NW	3	c	42	34	o, c, o, cp	0.4	-		
	Leith...	30.50	40	N	2	c	30.39	-1.16	37	34	-1	NW	3	c	41	37	o, c	*	-		
	North Shields	30.42	38	NNE	3	c	30.31	-1.18	37	34	o	NNE	3	o	42	33	ops, c	*	0.04		
	Spurn Head...	30.29	34	NE	5	bcphs	30.22	-1.15	34	34	-3	NE	4	c	37	33	ops, bcphs, ops	*	0.03		
	Yarmouth...	30.23	32	NE	4	opsq	30.20	-1.16	33	32	-2	NE	6	os	35	31	c, osq, os	0.0	0.08		
	Clacton-on-Sea...	30.22	31	N	3	osrp	30.15	-1.18	31	30	o	NNE	3	s	34	30	ops	0.0	0.10		
	Nottingham...	30.33	35	NNE	3	o	30.26	-1.17	32	31	-2	NNE	3	o	37	31	os, c, os	0.2	0.03		
	Bath...	30.30	35	N	3	o	30.24	-1.17	32	32	o	N	1	os	37	31	-	0.3	0.01		
FRANCE.	Oxford...	30.29	33	NNE	4	s	30.24	-1.16	32	30	o	N	2	o	35	30	ops, og	*	0.05		
	London (St. James' Park)	30.24	34	NNE	3	ors	30.17	-1.17	32	31	o	NNE	4	os	36	30	os, ors	0.0	0.02		
	The Scaw (Skagen)	30.46	30	E	1	o	30.31	-1.20	30	28	+1	Z	o	o	32	28	*	*	*		
	Fanö...	30.36	29	SE	4	o	30.26	-1.15	29	28	+1	E	2	o	30	25	*	*	0.08		
SPANISH PENIN.	Cuxhaven†...	30.30	25	E	3	o	30.22	-1.12	27	24	+2	E	2	o	28	25	*	*	*		
	The Helder...	30.25	27	ENE	4	o	30.19	-1.11	26	26	-4	E	3	o	36	27	*	*	*		
	Brussels...	*	*	*	*	*	30.12	-1.13	25	25	+2	Z	o	s	22	21	*	*	0.04		
	Berlin†...	30.28	26	ESE	4	o	30.23	-1.13	25	25	+2	ESE	2	b	27	23	*	*	*		
	Frankfurt†...	30.12	25	N	5	s	30.18	+1.02	25	25	+3	N	1	f	30	23	*	*	0.08		
	Munich†...	30.15	19	SW	2	b	30.26	+1.18	10	96	-9	SE	2	bc	27	7	*	*	*		
	C. Gris Nez...	30.13	32	NE	5	s	30.09	-1.19	28	27	-2	SSW	1	o	32	27	*	*	*		
	La Hève...	30.17	33	NE	4	o	30.12	-1.16	27	?	-5	ENE	3	m	36	25	*	*	*		
	Brest...	30.30	37	NE	2	o	30.17	-1.19	34	34	-3	NE	3	s	37	34	*	*	*		
	Lorient...	30.19	36	N	4	o	30.10	-1.17	33	33	-1	N	1	s	39	34	*	*	*		
SPANISH PENIN.	Rochefort...	30.19	34	SSW	2	o	30.10	-1.13	33	32	+5	SSW	2	o	2	37	32	*	*	*	
	Biarritz...	30.23	39	N	4	o	30.16	-1.06	31	28	+3	SE	3	o	2	39	28	*	*	0.16	
	Paris...	30.12	32	NE	2	o	30.11	-1.10	26	25	+2	ENE	1	o	33	26	*	*	*		
	Belfort...	30.13	36	NNE	1	o	30.19	+1.08	22	22	-2	N	1	o	31	22	*	*	*		
SPANISH PENIN.	Lyons...	30.02	37	E	6	c	30.02	-1.01	27	32	+7	E	3	o	2	39	34	*	*	*	
	Nice...	30.09	34	NW	2	b	30.12	+1.06	27	26	-4	Z	o	c	40	23	*	*	*		
	Perpignan...	30.02	41	E	2	m	29.94	+1.03	41	39	+2	N	2	o	?	?	*	*	*		
	Sanguinaire...	30.02	41	E	2	m	29.94	+1.03	41	39	+2	N	2	o	?	?	*	*	*		
SPANISH PENIN.	Corunna...	30.08	47	N	4	b	30.05	-1.03	41	35	-5	NE	5	b	54	39	*	*	*		
	Lisbon...	29.91	59	ESE	7	r	30.02	+1.08	58	53	-1	E	5	o	7	63	57	*	*	*	
	Azores (P. Delgada)...	29.82	61	ESE	6	o	29.97	+1.15	59	56	-2	NE	5	o	6	63	59	*	*	*	

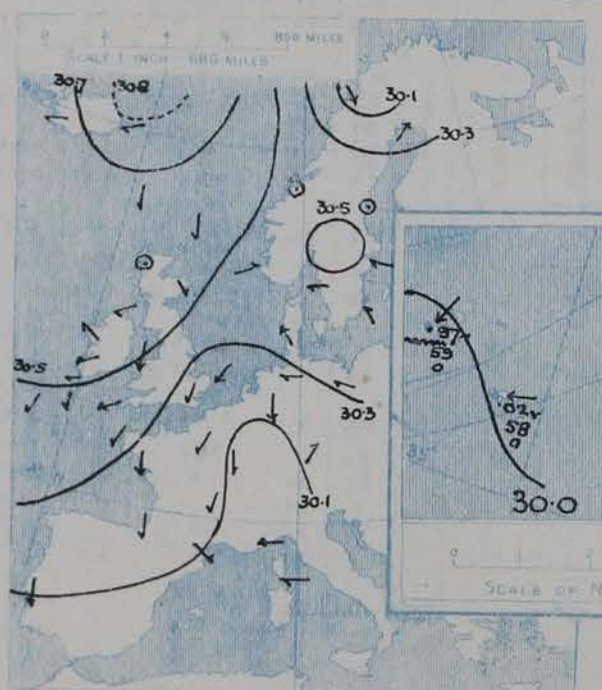


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

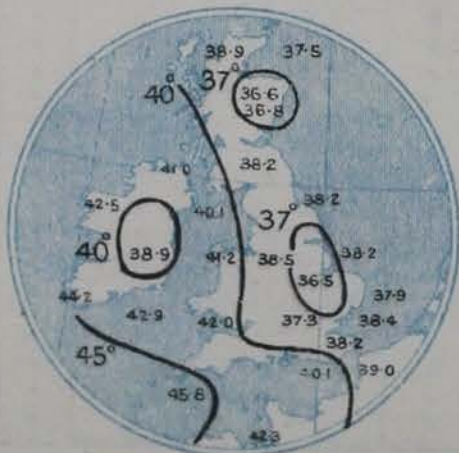
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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

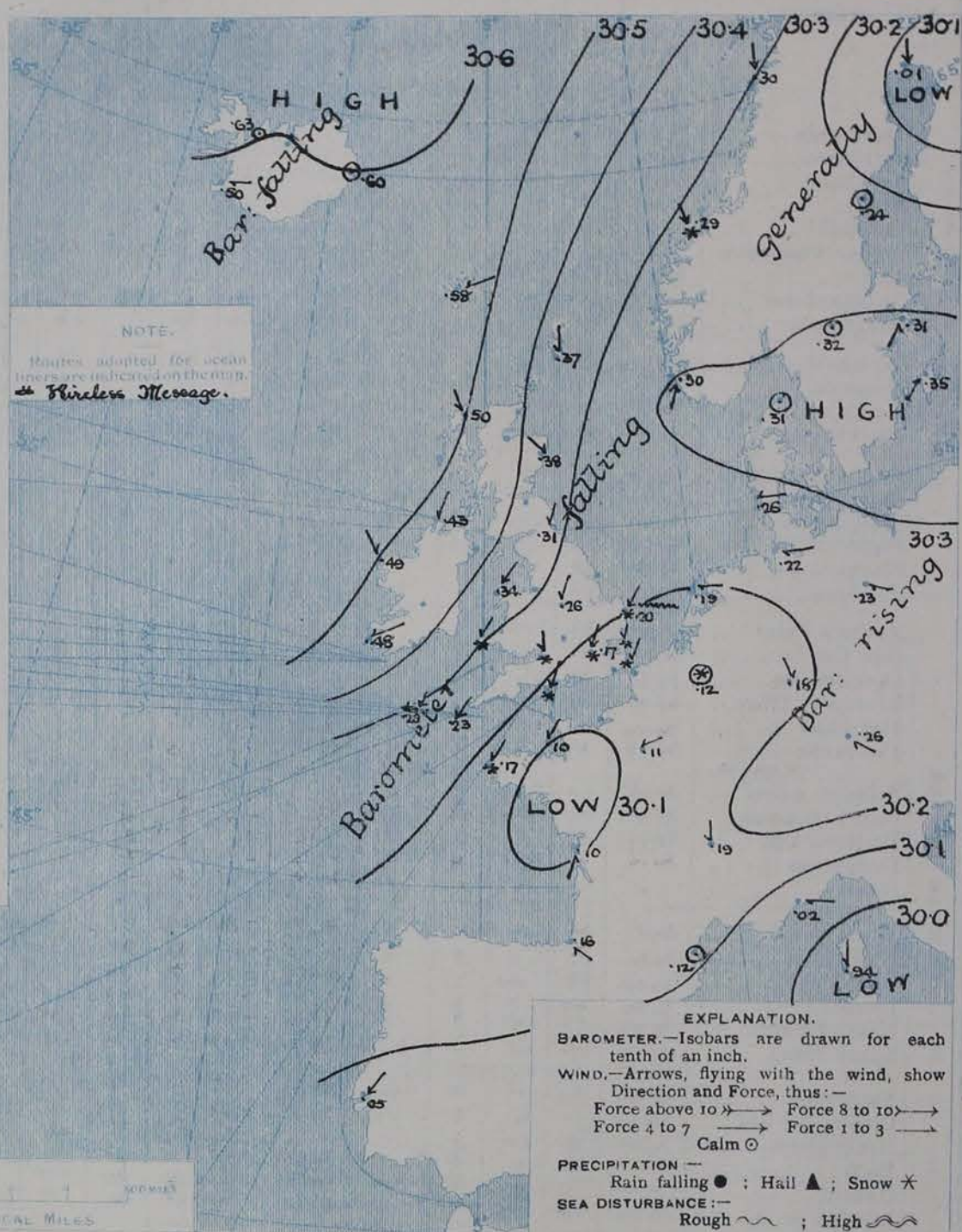


Saturday,

WEATHER

27<sup>th</sup> Feb:

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The distribution of pressure has undergone considerable modification. The barometer is now highest to the westward, above 30.5 ins. on the Atlantic, and above 30.6 ins. northward of Iceland. In the Baltic region pressure is above 30.3 ins. A shallow depression lies over north-western France, with the barometer at 30.1 ins. Another depression, with the barometer at 30 ins., has appeared over northern Holland. The gradient is everywhere slight. Calms and light breezes from easterly to northerly or north-westerly points prevail generally, but at Yarmouth a strong wind is reported. At the home stations temperature ranges from 28° in central Ireland to 42° at Blacksod Point; in Scandinavia from 9° at Helsingfors to 34° at Helsingfors; over Western Europe from 10° at Munich to 37° at Nice; and in Iceland from 28° to 37°. Over nearly the whole of the region under observation the sky is cloudy to overcast, light snow is falling over the southern half of England, in Belgium and northern France, and in the west of Norway. A rough sea is running off Yarmouth, but on all other coasts it is moderate to very smooth.



# CHARTS

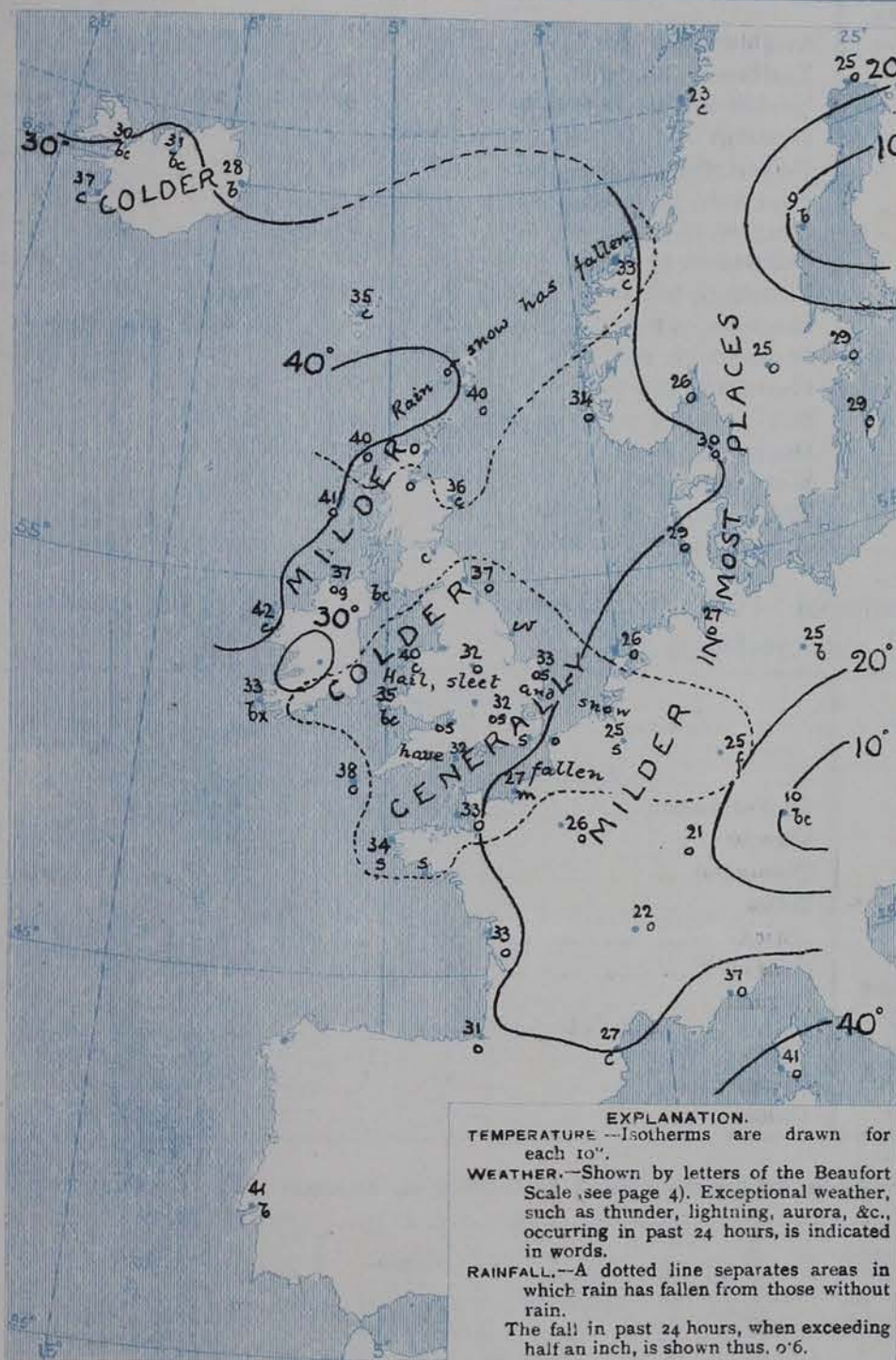
27th February 1909

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY

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

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



- |    |   |   |
|----|---|---|
| 0  | a | light N.E. and N.W. breezes; cloudy, some snow showers; cold. |
| 1  | b |   |
| 2  | a | N.E. (N.E. to N.W.) breezes, fresh                            |
| 3  | b | locally on coast; unsettled, some snow; cold.                 |
| 4  | a |   |
| 5  | b |   |
| 6  | a | Same as Nos 0 & 1.  |
| 7  | b |   |
| 8  | a | Same as Nos. 2 to 5.  |
| 9  | b |   |
| 10 | a | light variable N.E. to N.W. breezes;                          |
|    | b | cloudy, some snow showers locally; cold.                      |

### II WESTERN CHANNEL AND BAY

light or fresh N.E. to N.W. or N.W. breezes; sea smooth to moderate; dull generally, some snow and mist. cold.

### NOTES ON YESTERDAY'S WEATHER.

Over the greater part of the British Isles temperature failed to reach 40° yesterday, at Dover and Folkestone the maximum was only 33°. Slight frost occurred in the night at a number of stations. Snow showers occurred in several districts. Stornoway reports hours of bright sunshine and in the west generally the records were from 2 to 3 hours, but in the south and east the day was sunless. Wireless messages from the Atlantic show that up to the twenty-second meridian steamers experienced light to strong north-easterly to south-easterly winds and fair weather.

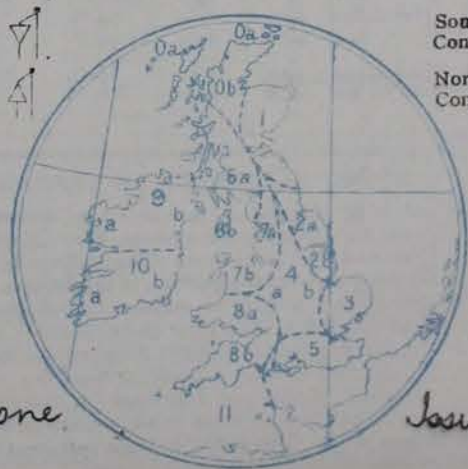
### GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The highest pressure having been transferred to the Iceland-Atlantic region the conditions have become of a more northerly type. Under the influence of the shallow depression over France, changeable weather is probable over the country generally, with snow in many places.

### FORECAST DISTRICTS.

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

South  
Cone.      North  
Cone.



None

Issued.



Saturday, 27th February.....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....	41	37	ogphs. og	*	-	Brighton, to 6 p.m. ...	37	31	*	0.0	-
Rossall Beach, to 6 p.m....	40	32	o, c, og	*	-	Eastbourne, to 6 p.m. ...	37	30	*	0.0	-
Blackpool, to 9 p.m. ...	41	31	o, cu, c	1.0	-	Bexhill-on-Sea, to 9 p.m.	35	31	c, s	0.0	0.02
Southport, to 9 p.m. ...	40	31	bc, c	2.2	-	Hastings ... ..	*	*	*	0.0	*
Rhyl, to 6 p.m. ... ..	39	33	*	2.9	-	Folkestone, to 6 p.m. ...	33	30	o	0.0	0.02
Colwyn Bay, to 6 p.m. ...	39	30	bc, b, bc	2.6	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.07
Llandudno, to 9 p.m. ...	43	34	o, bc, o	2.3	-	Margate, to 6 p.m. ... ..	35	32	-	0.0	-
Bettws-y-Coed, to 6 p.m.	40	32	c, bc, c	2.5	*	Felixstowe, to 6 p.m. ...	34	31	-	0.0	0.05
Towyn, to 6 p.m. ... ..	42	32	o, b, bc	4.7	-	Lowestoft, to 6 p.m. ...	34	31	osp, o	0.0	0.03
Aberystwyth, to 6 p.m....	40	35	*	2.0	-	Skegness, to 6 p.m.... ..	36	32	c, sg, c	0.0	0.05
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	39	34	ogr	0.0	0.04
Torquay, to 6 p.m.... ..	39	30	*	0.0	-	Harrogate, to 6 p.m. ...	37	31	os, bc	0.4	-
Weymouth, to 6 p.m. ...	38	30	om	0.0	-	Buxton, to 6 p.m. ... ..	34	29	osp, o	0.1	-
Bournemouth, to 6 p.m....	37	30	o	0.0	-	Darwen, to 9 p.m. ... ..	37	29	o, bm, sg, o	0.5	-
Southsea, to 6 p.m.... ..	36	30	*	0.0	-	Manchester, to 9 p.m. ...	39	34	os, o	0.2	-
Worthing, to 6 p.m. ...	37	30	os, o	0.0	-	Birmingham, to 9 p.m....	35	30	o	0.0	-

STATIONS. 26th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS. 26th Feb. 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ... ..	64	45	b. o	Ins.	St. Petersburg ... ..	14	5	o. o	Ins.
Marseilles ... ..	36	21	bc. b	-	Utrecht ... ..	34	21	b. s	-
Malta ... ..	59	51	c	-	Groningen ... ..	30	23	b. s	0.04
Algiers ... ..	61	43	bc. bc	0.32	Berne ... ..	*	*	o. o	-
Tunis ... ..	63	39	c. o	0.71	Zurich ... ..	*	*	o. o	-
Palermo ... ..	54	39	o. c	-	Geneva ... ..	*	*	b. o	-
Naples ... ..	50	41	b. bc	0.08	Lugano ... ..	*	*	o. s	-
Brindisi ... ..	44	32	bc. bc	-	25th Feb. 1909.				
Florence ... ..	40	34	r. o	-	Coire ... ..	19	*	1.30 p.m.	Measured 7.30 a.m.
Rome ... ..	46	36	o. bc	0.08	Castasegna ... ..	30	*	o	-
Vienna ... ..	27	19	f. bc	-	Davos ... ..	16	*	o	-

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.						
	Lat.	Long.		Direc.	Force.		Air.		Sea.			Lat.	Long.		Direc.	Force.							
							Dry Bulb.	Wet Bulb.															
<u>Pretoria</u>	{ Feb. 22 7am " 6pm.	44 N. 42 W.	Ins. 29.37 29.61	S NW	8 4	-	0	0	0	-		{ Feb. 24 4am " 7am " 3pm " 6pm	48 N. 33 W. 48 N. 32 W.	29.53 29.54 29.58 29.64	SSE SSW S ?	4-5 4-5 4-5 ?	- - - 0						
<u>Lucania</u>	{ Feb. 23 4am " 7am " 3pm " 6pm	48 N. 30 W. 47 N. 33 W.	29.81 29.70 29.48 29.39	SSE SSE SSE SSE	8-9 8-9 4-5 4-5	- bc - 0	- - - -	- - - -	- - - -	-	<u>Lake Michigan</u>	{ Feb. 25 4am " 7am " 3pm " 6pm	49 N. 28 W. 49 N. 27 W.	29.80 29.88 30.10 30.15	S S SSE SSE	6-7 6-7 4-5 4-5	- 0 - c						
<u>Coriscan</u>	{ Feb. 23 3pm " 6pm	47 N. 34 W.	29.56 29.51	S SSW	1-3 1-3	- c	- -	- -	- -	-		{ Feb. 26 4am " 7am	49 N. 23 W.	30.35 30.38	SSE SSE	4-5 4-5	c b						
<u>Minnehaha</u>	{ Feb. 23 3pm " 6pm	48 N. 28 W.	29.94 29.85	SSE SSE	6-7 6-7	- 0	- -	- -	- -	-	<u>Majestic</u>	{ Feb. 26 4am " 7am	51 N. 15 W.	30.44 30.46	WNW NE	1-3 1-3	- bc						
<u>Pennsylvania</u>	{ Feb. 24 6pm Feb. 25 7am	48 N. 23 W.	30.12 30.12	SSE SE	4 4	- -	- -	- -	- -	-		{ Feb. 23 3pm " 6pm Feb. 24 4am " 7am " 3pm " 6pm Feb. 25 4am " 7am	42 N. 45 W. 42 N. 44 W. 44 N. 40 W. 45 N. 36 W. 45 N. 35 W. 46 N. 31 W. 47 N. 30 W.	29.52 29.48 29.37 29.39 29.46 29.52 29.60 29.76	NW N W W SSW S S S	4-5 4-5 1-3 1-3 4-5 4-5 6-7 6-7	- r - bc - 0 - 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. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

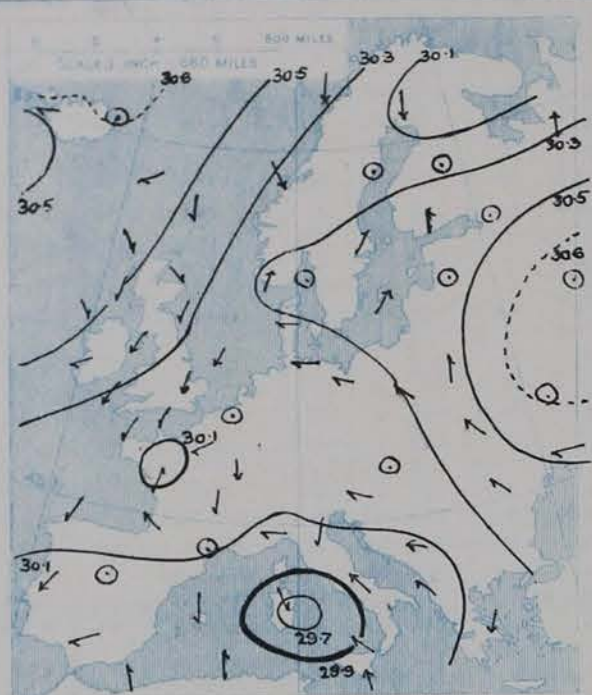
Sunday.  
28th February, 1909.

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...	30.25	4	N	2	6	30.26	+0.25	-13	-13	-38	N	2	6	28	3.13	*	*	-		
	Hernösand...	30.19	23	S	4	5	30.30	+0.06	12	10	+3	NNE	4	6	30	9	*	*	-		
	Stockholm...	30.18	26	W	2	0	30.08	-0.23	24	23	-5	W	2	5	29	2.24	*	*	-		
	Wisby...	30.19	30	SW	2	0	30.08	-0.27	29	27	0	WNW	4	0	30	27	*	*	-		
	Karlstad...	30.19	25	Z	0	0	30.11	-0.21	22	22	-3	N	2	5	28	23	*	*	-		
	Færder (X'ania Fjord)	30.15	27	E	1	0	30.08	-0.22	24	23	-2	NNE	4	0	28	23	*	*	-		
	Bodö...	30.32	21	E	4	C	30.19	-0.11	24	21	+1	N	4	0	25	21	*	*	-		
	Christiansund...	30.31	28	Z	0	6	30.17	-0.12	22	21	-11	E	5	6	33	19	*	*	-		
	Skudesnaes...	30.10	34	Z	0	0	29.99	-0.31	30	28	-4	ESE	6	6	37	28	C, 0	*	-		
ICELAND & FAEROE.	Reykjavik...	30.42	42	Z	0	C	30.35	-0.15	30	*	-7	Z	0	6	*	*	*	*	*		
	Blönduós...	30.53	33	N	1	C	30.45	-0.18	24	*	-6	Z	0	6	*	*	*	*	*		
	Seydisfjörður...	30.47	36	WSW	3	6	30.48	-0.12	30	*	+2	Z	0	6	*	*	*	*	*		
	Thorshavn...	30.46	33	ENE	3	S	30.28	-0.30	31	*	-4	NE	3	C	*	*	*	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.28	36	N	3	0	30.06	-0.31	31	31	-9	NE	4	S	4	41	30	C, 0	*	0.06	
	Stornoway...	30.35	39	N	4	0	30.10	-0.40	35	34	-5	N	3	S	5	43	32	0, od, cfs	0.0	0.08	
	Castlebay (Barra Id.)	30.35	42	NNW	2	0	30.06	-0.46	38	35	-3	NE	3	0	3	46	37	0, 0	0.1	0.01	
	Malin Head...	30.29	44	NNE	3	C	30.00	-0.43	38	35	+1	NE	2	mg	2	45	37	cg, 0, omr	*	0.17	
	Blacksod Pt. ...	30.40	45	N	3	C	30.01	-0.48	43	42	+1	N	3	r	2	46	41	0, omf	*	0.18	
	Valencia...	30.34	39	NNE	4	6	30.01	-0.47	42	40	+9	NNW	3	m	4	45	32	0, or	2.2	0.25	
	Roche's Point...	30.31	42	N	4	C	29.98	-0.45	40	40	+6	WNW	3	r	2	45	34	0, c, or	*	0.05	
	Birr Castle...	30.31	39	Z	0	6	29.46	-0.48	37	36	+9	Z	0	OT	*	43	28	0	7.0	0.19	
	Donaghadee...	30.26	43	NE	4	C	29.99	-0.44	37	36	-1	N	3	r	3	44	37	0, or	*	0.01	
	Liverpool Obsy...	30.20	37	NW	2	0	29.91	-0.42	35	35	+1	Z	0	r	1	35	34	0, or	0.7	0.05	
	Holyhead...	30.22	42	NNE	5	cm	29.92	-0.42	40	39	0	NE	3	om	2	42	37	C, cm	*	-	
	Pembroke (St. Ann's Hd.)	30.21	39	NNE	3	0	29.92	-0.37	37	36	+2	NE	1	og	3	42	34	0, cg, og	2.4	0.09	
	Scilly (St. Mary's)...	30.18	43	NE	4	0	29.92	-0.31	41	40	+3	NNW	3	r	3	46	30	C, 0	6.0	0.13	
	Jersey (St. Aubins)...	30.12	36	NE	3	0	29.94	-0.16	34	33	+1	NNW	2	0	3	39	31	0, om, om, om	0.6	0.02	
	Portland Bill...	30.14	35	N	3	0	29.92	-0.27	32	32	0	N	1	om	2	38	30	C, 0	2.2	-	
	Dungeness...	30.05	32	E	2	S	29.90	-0.18	30	29	-2	ESE	2	m	2	34	28	0, 0, 0	0.0	0.08	
	Dover...	*	*	*	*	*	29.94	-0.20	31	31	0	NNE	1	0	2	31	26	0, 0	0.0	0.11	
	Wick...	30.28	36	N	3	0	30.05	-0.35	35	33	-4	N	2	ops	3	44	33	-	*	0.02	
	Nairn...	30.28	39	NNW	3	0	30.06	-0.39	33	33	-2	Z	0	S	1	42	33	0, 0, 0, 0	1.0	0.11	
	Aberdeen...	30.20	40	N	2	0	30.02	-0.36	34	33	-2	NNW	2	0	3	43	33	0, 0, 0, 0	0.3	0.10	
	Leith...	30.21	41	NNW	1	C	29.98	-0.41	35	34	-2	N	2	0	*	42	35	0, 0, 0, 0	*	0.04	
	North Shields...	30.17	38	WNW	2	C	29.94	-0.37	37	36	0	NE	3	r	3	39	33	0, 0	*	0.09	
	Spurn Head...	30.13	35	NE	3	C	29.92	-0.30	32	32	-2	SSW	2	ops	3	35	32	0, 0, 0, 0	*	0.01	
	Yarmouth...	30.11	33	ENE	4	0	29.96	-0.24	32	30	-1	SE	3	om	4	33	30	0	0.0	0.05	
Clacton-on-Sea...	30.10	32	NNE	2	0	29.93	-0.22	31	30	0	SE	2	0	2	33	30	0, 0	0.0	0.13		
Nottingham...	30.16	34	N	2	0	29.93	-0.33	30	29	-2	ESE	1	S	*	34	30	0, 0	0.0	0.02		
Bath...	30.16	34	N	1	0	29.92	-0.32	32	31	0	NE	1	0	*	36	30	-	0.0	-		
Oxford...	30.15	32	N	2	S	29.92	-0.32	30	30	-2	N	1	S	*	35	30	S	*	0.03		
London (St. James's Pk)	30.11	34	N	1	OS	29.91	-0.26	31	30	-1	ENE	1	S	*	36	31	OS	0.0	0.03		
GERMANY, & C.	The Scaw (Skagen)	30.12	30	SSW	1	S	30.03	-0.28	30	29	0	ESE	1	0	0	32	27	*	*	0.08	
	Fanö...	30.11	28	SE	1	0	30.02	-0.24	28	27	-1	ESE	2	C	*	30	27	*	*	0.08	
	Cuxhaven†...	30.17	30	E	2	m	30.05	-0.17	28	24	+1	E	2	0	*	32	25	*	*	-	
	The Helder...	30.14	28	ESE	1	C	29.98	-0.21	27	26	+1	NE	1	m	1	30	26	*	*	-	
	Brussels...	*	*	*	*	*	29.94	-0.18	25	24	0	Z	0	S	*	33	23	*	*	0.04	
	Berlin†...	30.15	33	Z	0	6	29.94	-0.29	30	24	+5	SE	2	S	*	36	25	*	*	0.04	
	Frankfurt†...	30.04	26	N	2	6	29.91	-0.27	22	25	-3	NW	1	0	*	34	21	*	*	-	
Munich†...	30.03	26	SW	3	0	29.88	-0.38	26	100	+16	W	3	0	*	28	10	*	*	0.04		
FRANCE.	C. Gris Nez...	30.06	28	NE	2	S	29.92	-0.17	24	23	-4	Z	0	m	0	32	25	*	*	-	
	La Hève...	30.09	30	SW	1	S	29.94	-0.18	27	?	0	NE	1	S	1	36	25	*	*	0.08	
	Brest...	30.16	35	NE	2	0	29.93	-0.19	36	34	+2	NE	2	0	2	39	34	*	*	-	
	Lorient...	30.08	37	N	3	0	29.88	-0.22	37	34	+4	NNW	2	0	2	39	33	*	*	-	
	Rochefort...	30.07	46	E	1	6	29.97	-0.13	30	28	-3	E	2	6	*	46	27	0, 6	*	-	
	Biarritz...	30.02	40	ESE	1	C	29.93	-0.23	30	29	-1	E	2	0	2	43	30	*	*	-	
	Paris...	30.06	29	SE	2	0	29.91	-0.20	27	27	+1	SE	1	S	*	32	26	*	*	0.04	
	Beaufort...	30.01	32	W	2	m	29.93	-0.15	15	15	-1	W	2	m	*	36	14	*	*	-	
	Lyons...	30.10	29	N	1	6	30.01	-0.18	21	19	-1	N	1	6	*	35	18	*	*	-	
Nice...	29.90	42	N	1	0	29.86	-0.16	34	34	-3	Z	0	6	3	45	32	*	*	-		
Perpignan...	29.96	39	Z	0	6	29.92	-0.20	28	26	+1	SW	1	6	*	57	27	*	*	-		
Sanguinaire...																					
SPANISH PENIN.	Corunna...	30.18	45	N	2	0	30.05	-0.18	39	39	0	ENE	1	0	2	48	37	*	*	3.34	
	Lisbon...	30.02	44	NNE	4	6	30.01	-0.04	41	37	0	NNE	3	6	*	52	39	*	*	-	
	Azores (P. Delgada)...	30.21	55	ENE	4	6	30.27	+0.25	53	48	-5	NE	1	6	5	63	52	*	*	-	
	„ Horta...	30.22	59	SSE	3	0	30.29	+0.32	57	52	-2	E	3	0	3	63	57	*	*	-	

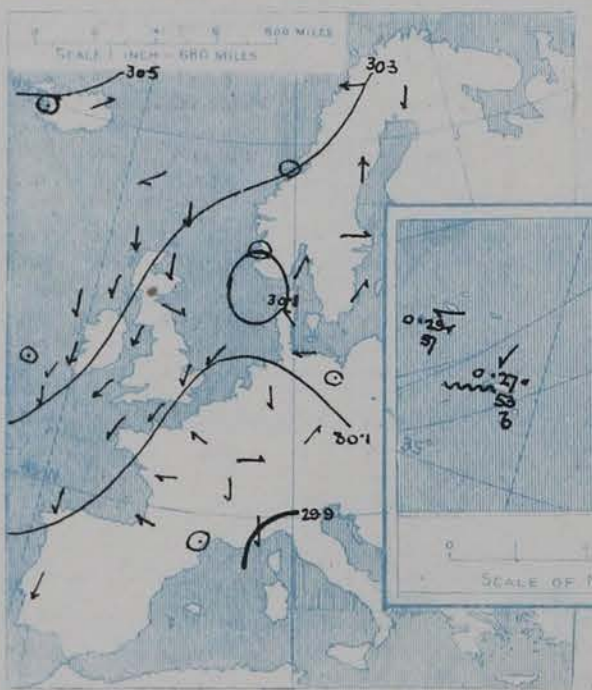


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

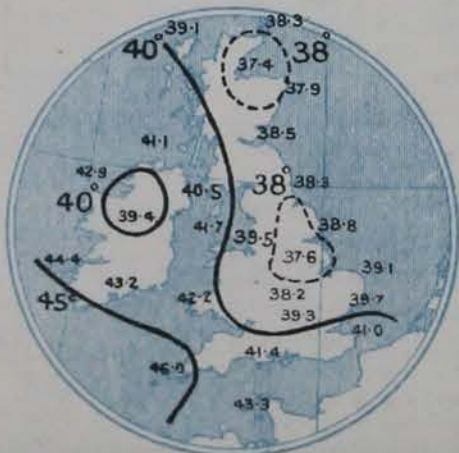
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

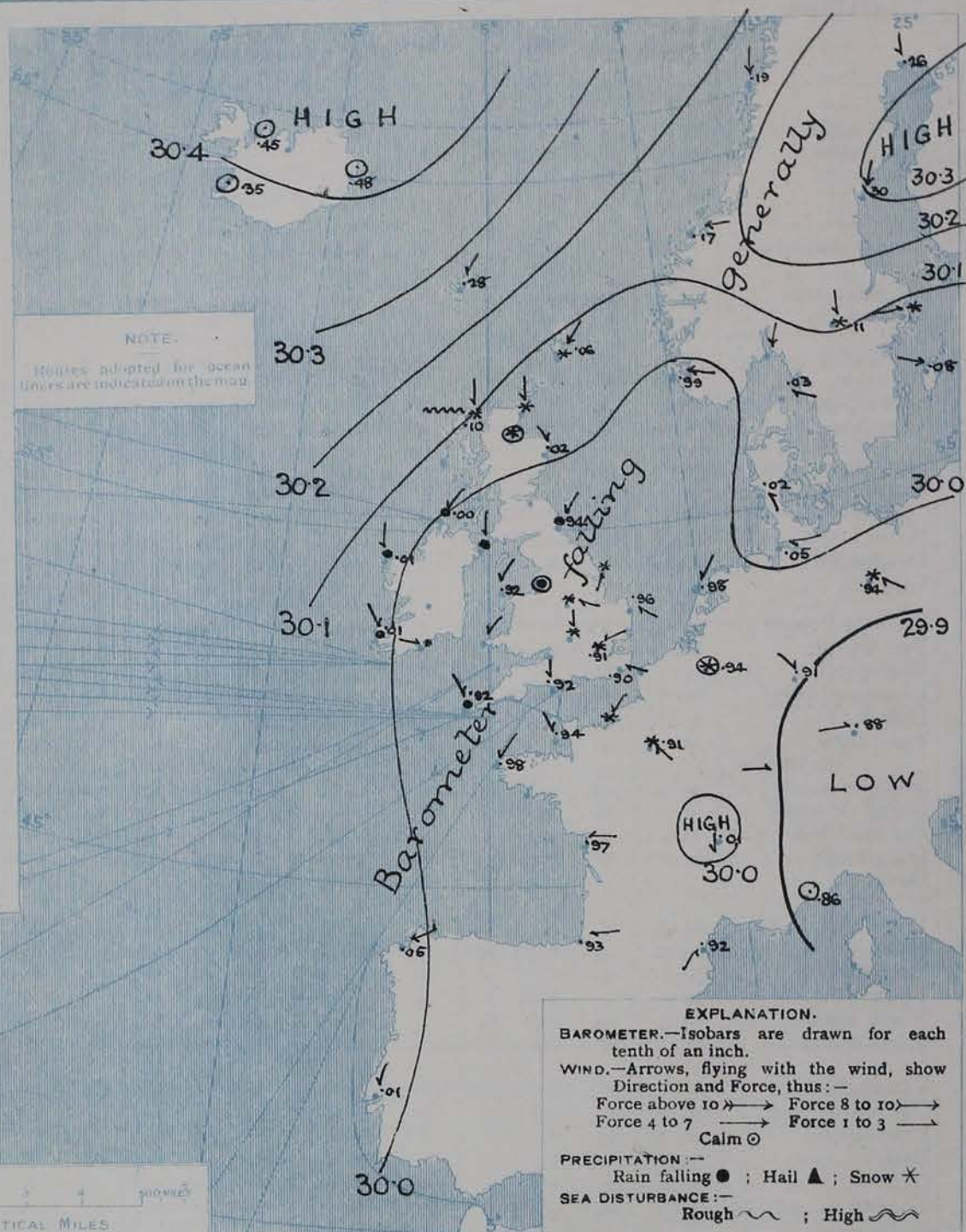


AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
FEBRUARY - MARCH.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Sunday, WEATHER 28<sup>th</sup> Feb.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer has fallen over the whole of our area except the north of Sweden. The readings now range from 30.4 ins. in Iceland and above 30.2 ins. in the northern parts of Scandinavia to 29.8 ins. at Munich. A very shallow cyclonic disturbance is shown over the North Sea, and also over Wales and the south-west and north of England.

The wind varies locally, but its main direction is Northerly to North-Easterly over Scandinavia, Scotland, Ireland, and the west of France. It blows strongly at Skudenes but generally it is very light to moderate. Temperature has risen in the south of Ireland and at Munich, fallen in nearly all other regions. Over Great Britain most of the readings are not far from the freezing point. At Haparanda the fall has been very rapid, and the reading is now -13°. The weather has become very unsettled; rain is falling over Ireland as well as at Shields and Scilly and snow in many parts of Britain and in several localities on the Continent. In the extreme south of France and in Northern Scandinavia, most of the stations report a clear sky.



# CHARTS 28<sup>th</sup> February, 1909.

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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometers continued below 35° in several parts of England, but rose to above 40° in Ireland and Scotland. The frost of the night was slight over this country. A certain amount of rain or snow has fallen in almost all parts of these Islands, the largest measurement being 0.25 in. of rain at Valencia. The day was bright at Scilly and Binn Castle, but generally the day was dull.

## 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.

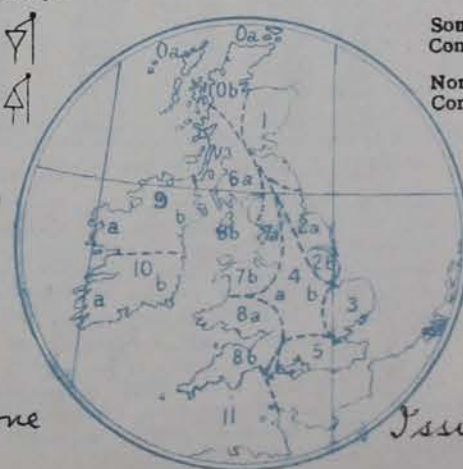
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.



## DAILY WEATHER REPORT.

Sunday, 28th February 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	32	b. c. b. o	*	-	Brighton, to 6 p.m. ...	*	*	*	*	*
Rossall Beach, to 6 p.m....	39	33	c. op. o	*	0.04	Eastbourne, to 6 p.m. ...	*	*	*	*	*
Blackpool, to 9 p.m. ...	40	33	o. cr. o	0.1	0.03	Bexhill-on-Sea, to 9 p.m.	33	29	S	0.0	0.04
Southport, to 9 p.m. ...	39	34	cr. o. s	0.0	0.01	Hastings ... ..	*	*	*	0.0	*
Rhyl, to 6 p.m. ... ..	*	*	*	0.0	*	Folkestone, to 6 p.m. ...	32	28	o. s. o	0.0	0.03
Colwyn Bay, to 6 p.m. ...	41	34	c. o	0.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.06
Llandudno, to 9 p.m. ...	42	36	omv. c. o	0.0	0.01	Margate, to 6 p.m. ...	34	30	S	0.0	0.15
Bettws-y-Coed, to 6 p.m.	*	*	*	*	*	Felixstowe, to 6 p.m. ...	*	*	*	*	*
Towyn, to 6 p.m. ... ..	42	30	p. b. bc. o	2.5	0.03	Lowestoft, to 6 p.m. ...	*	*	*	*	*
Aberystwyth, to 6 p.m. ...	41	35	c.	0.5	-	Skegness, to 6 p.m....	35	32	S. c	0.0	0.03
Plymouth, to 9 p.m. ...	38	32	o. c. b. b	2.6	-	Scarborough, to 9 p.m. ...	38	33	o	0.0	0.14
Torquay, to 6 p.m....	39	32	*	0.8	-	Harrogate, to 6 p.m. ...	34	30	bc. os. o	0.0	0.02
Weymouth, to 6 p.m. ...	40	30	S. o. bc. o	2.2	0.01	Buxton, to 6 p.m. ... ..	33	29	osp. o	0.1	0.03
Bournemouth, to 6 p.m....	37	29	o. c. b	1.0	-	Darwen, to 9 p.m. ... ..	36	30	omv. s. om	0.0	0.01
Southsea, to 6 p.m....	*	*	*	*	*	Manchester, to 9 p.m. ...	37	34	os. o	0.0	-
Worthing, to 6 p.m. ...	37	29	S. o. c. o	0.4	0.01	Birmingham, to 9 p.m....	33	30	S. o	0.0	0.04

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

STATIONS. 27th March 1909.	TEMPERATURE F.		WEATHER	RAIN.	STATIONS. 27th March 1909.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira ... ..	64	50	o. o	Ins.	St. Petersburg ... ..	19	5	b. b.	Ins.
Marseilles ... ..	43	30	o. o	-	Utrecht ... ..	28	23	o. s.	-
Malta ... ..	59	54	a	-	Groningen ... ..	28	23	o. m.	-
Algiers ... ..	57	41	c. bc	0.35	Berne ... ..	*	*	bc. m	-
Tunis ... ..	63	41	o. o	0.08	Zurich ... ..	*	*	b. b	-
Palermo ... ..	55	47	r. o	0.20	Geneva ... ..	*	*	bc. bc	-
Naples ... ..	53	41	o. o	-	Lugano ... ..	*	*	S. o	0.32
Brindisi ... ..	45	34	r. b	1.42	Coire ... ..	26th March 1909. 1.30 p.m.	*	1.80 p.m.	Measured 7.30 a.m.
Florence ... ..	46	28	b. o	-	Castasegna ... ..	28	*	S	-
Rome ... ..	48	40	bc. r	0.16	Davos ... ..	25	*	b	-
Vienna ... ..	30	23	f. f	-					

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

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	
	Lat.	Long.		Direc.	Force.		Air.		Sea.			Lat.	Long.		Direc.	Force.		
							Dry Bulb.	Wet Bulb.										
Canada	25th Feb 4am	45 N	36 W	Ins.	E	4-5					Tunisia	26th Feb 4am	50 N	23 W	Ins.	SE	4-5	b
	" 7am	45 N	35 W	29.54	E	4-5						" 7am	50 N	19 W	30.45	E	4-5	b
	" 8pm	46 N	33 W	29.57	ESE	6-7						" 3pm	50 N	18 W	30.50	E	4-5	b
	" 6pm	46 N	32 W	29.66	ESE	6-7						" 6pm	51 N	15 W	30.40	ENE	4-5	b
	26th Feb 4am	47 N	29 W	30.03	SSE	6-7						" 3pm	51 N	13 W	30.36	Z	0	b
	" 7am	48 N	28 W	30.11	SSE	6-7						" 6pm	50 N	20 W	30.51	SE	1-3	
	" 3pm	47 N	28 W	30.35	SE	4-5						" 3pm	50 N	22 W	30.48	SE	1-3	
	" 6pm	49 N	24 W	30.43	SE	4-5						" 6pm	49 N	18 W	30.50	E	4-5	
	27th Feb 4am	49 N	20 W	30.56	ENE	1-3						" 3pm	49 N	17 W	30.49	ENE	1-3	
	" 7am	49 N	19 W	30.59	ENE	4-5						" 6pm	49 N	15 W	30.46	ENE	4-5	
	" 3pm	50 N	16 W	30.53	NE	4-5						" 4am	49 N	14 W	30.45	NE	4-5	
	" 6pm	50 N	15 W	30.48	NNE	4-5						" 7am	49 N	12 W	30.38	NE	4-5	
	27th Feb 4am	44 N	43 W	29.40	E	4-5						" 3pm	49 N	11 W	30.32	N	1-3	
	" 7am	45 N	42 W	29.36	E	4-6						" 6pm	50 N	14 W	30.53	N	1-3	
	" 3pm	45 N	40 W	29.44	N	1-3						" 4am	50 N	15 W	30.53	N	1-3	
Tunisia	" 6pm	46 N	39 W	29.46	NE	1-3					" 7am	50 N	13 W	30.36	NE	4-5		
	25th Feb 4am	47 N	36 W	29.58	E	4-5					" 3pm	50 N	14 W	30.37	NNE	6-7		
	" 7am	47 N	35 W	29.55	E	6-7					" 6pm	50 N	15 W	30.28	NNE	4-5		
	" 3pm	48 N	33 W	29.76	S	6-7					" 4am	50 N	16 W	30.38	NNE	4-5		
	" 6pm	48 N	31 W	29.81	S	6-7					" 7am	50 N	16 W	30.34	NE	4-5		
	26th Feb 4am	48 N	28 W	30.16	SSW	6-7					" 3pm	50 N	17 W	30.35	NE	4-5		
	" 7am	47 N	29 W	30.17	SSW	6-7					" 6pm	51 N	6 W	30.36	N	6-7		
	" 3pm	50 N	23 W	30.40	SSE	4-5					" 4am	51 N	8 W	30.41	NNE	4-5		
											" 7am	51 N	10 W	30.40	N	1-3		
											" 3pm	51 N	11 W	30.39	NE	4-5		
											" 6pm	51 N	13 W	30.41	NNE	6-7		
											" 4am	51 N	14 W	30.42	NNE	4-5		
											" 7am	51 N	15 W	30.43	NNE	4-5		
											" 3pm	51 N	16 W	30.44	NNE	4-5		

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

(a) The morning observations are at 7 a.m., western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time. The readings of the barometer are corrected for the difference in Gravity between the position of the Station and Latitude 45°.

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

\* Information for these columns is not usually received.

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

‡ Received too late for insertion in Charts.

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

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

W. N. SHAW, (Director.)



**ADDITIONS AND CORRECTIONS**  
**TO THE**  
**DAILY WEATHER REPORT.**

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**FEBRUARY, 1909.**

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# ADDITIONS AND CORRECTIONS TO THE

## 1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
		At 32° 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.
1 <sup>st</sup>	Corunna.	30.25	54	NE	3	c	30.25	.00	27	36	0	NE	1	o	2	54	34	-	-	-	-
"	P. Delgada.	30.13	58	N	4	bc	30.15	-	58	53	-	N	3	o	3	61	55	-	-	-	-
2 <sup>nd</sup>	Corunna.	30.28	52	SW	1	7	30.40	+15	42	41	+5	NE	1	o	2	52	37	-	-	-	-
"	P. Delgada.	30.20	58	N	3	7	30.23	+08	56	52	-2	NE	3	o	5	61	55	-	-	-	-
3 <sup>rd</sup>	Corunna.	30.40	54	ESE	1	7	30.48	+08	42	36	0	NNE	3	c	2	54	36	-	-	-	-
"	Lisbon.	30.32	49	N	4	7	30.40	+12	42	39	-6	NNE	4	7	-	58	41	-	-	-	-
"	P. Delgada.	30.29	58	ESE	4	7	30.29	+06	58	55	+2	ESE	4	bc	4	63	55	-	-	-	-
4 <sup>th</sup>	Corunna.	30.45	51	NNE	1	7	30.52	+04	37	37	-5	NNE	1	c	2	52	34	-	-	-	-
"	P. Delgada.	30.29	59	SSE	4	7	30.28	-01	59	56	+1	S	4	bc	4	63	57	-	-	-	-
5 <sup>th</sup>	Corunna.	30.48	51	NNE	3	c	30.40	-12	43	42	+6	SW	1	c	4	52	37	-	-	-	-
"	Lisbon.	30.38	51	NNW	4	o	30.58	-13	49	46	+4	N	5	7	-	59	45	-	-	-	-
"	P. Delgada.	30.28	58	S	4	7	30.25	-03	59	58	0	S	4	o	4	64	59	-	-	-	-
6 <sup>th</sup>	Corunna.	30.32	54	NNE	1	o	30.24	-16	42	40	-1	SW	1	c	3	57	37	-	-	-	-
"	P. Delgada.	30.16	60	SSW	4	o	30.01	-24	60	59	+1	SSW	5	m	5	64	59	-	-	-	-
8 <sup>th</sup>	Biarritz.	30.02	50	ENE	3	c	29.85	-24	41	-	-2	E	3	7	2	54	39	-	-	-	-
9 <sup>th</sup>	Sanguinaria.	30.02	47	SW	4	m	30.10	+16	43	-	-7	NW	2	m	2	61	43	-	-	-	-
"	Corunna.	29.88	54	E	4	c	30.23	+42	54	50	+12	NNW	1	o	7	55	39	-	-	-	-
"	Lisbon.	29.82	45	ENE	3	c	30.00	+09	48	43	-2	N	4	7	-	52	41	-	-	-	0.20
"	P. Delgada.	30.56	55	NE	1	o	30.57	+09	53	50	-2	NE	1	o	1	59	52	-	-	-	-
10 <sup>th</sup>	Corunna.	30.22	57	N	1	o	30.14	-09	48	47	-6	W	6	o	7	57	41	-	-	-	-
"	P. Delgada.	30.54	57	NE	3	7	30.49	-08	56	54	+3	NNE	4	7	2	61	53	-	-	-	-
11 <sup>th</sup>	Trice.	29.79	33	E	4	S	29.55	-27	34	-	-4	Z	0	o	5	41	30	-	-	-	1.50
"	Sanguinaria.	29.89	42	SSE	4	o	29.63	-43	45	-	-2	NE	6	o	6	55	41	-	-	-	0.55
"	Corunna.	30.02	50	W	4	r	29.92	-22	52	41	+4	NW	6	c	8	54	41	-	-	-	0.04
"	Lisbon.	30.02	53	NNW	5	7	29.99	-16	51	47	-1	NW	3	o	-	55	48	-	-	-	-
"	P. Delgada.	30.40	54	NNE	1	7	30.31	-18	51	48	-5	NNE	1	7	2	63	50	-	-	-	-
12 <sup>th</sup>	Corunna.	29.99	51	NW	5	o	30.11	+19	49	45	-3	N	3	o	7	54	41	-	-	-	0.08
"	Lisbon.	30.00	49	NNW	4	7	30.05	+06	49	45	-2	N	4	c	-	55	46	-	-	-	0.04
"	P. Delgada.	30.10	58	SSW	4	7	30.00	-31	51	50	0	NNE	3	c	3	61	50	-	-	-	0.55
13 <sup>th</sup>	Lorient.	29.99	38	N	6	7	30.18	+22	29	-	-2	NE	5	o	3	45	37	-	-	-	-
"	Corunna.	20.18	50	N	1	7	30.30	+19	45	42	-4	NW	8	o	6	52	41	-	-	-	0.24
"	P. Delgada.	30.08	55	NE	3	7	30.06	+06	55	52	+4	ENE	4	o	3	61	51	-	-	-	0.04
15 <sup>th</sup>	C. Gris Roz.	30.26	36	NNW	3	m	30.20	-22	40	39	+4	NNW	3	r	3	45	36	-	-	-	-
"	Corunna.	30.14	51	NE	2	o	30.27	-05	46	44	-1	E	3	bc	3	52	39	-	-	-	-
"	P. Delgada.	29.99	58	ESE	5	m	29.99	+02	58	55	+1	ESE	5	m	5	63	57	-	-	-	-
16 <sup>th</sup>	P. Delgada.	30.02	58	SSE	5	m	29.99	.00	57	56	-1	SSE	4	m	5	66	55	-	-	-	0.32
17 <sup>th</sup>	Corunna.	30.18	52	ENE	1	7	30.11	-12	41	38	+4	ENE	1	7	2	54	36	-	-	-	-
18 <sup>th</sup>	P. Delgada.	29.70	53	NNW	5	r	29.79	-02	51	45	-6	NNW	5	7	4	61	48	-	-	-	0.12
19 <sup>th</sup>	Corunna.	29.66	57	SSE	2	7	29.71	-08	45	41	+2	SSE	1	bc	o	59	39	-	-	-	-
"	P. Delgada.	29.93	55	NNW	4	7	29.95	+16	57	56	+6	NNW	4	c	4	59	51	-	-	-	-
20 <sup>th</sup>	Corunna.	29.78	59	SSE	1	7	30.13	+42	54	50	+9	SSE	1	c	2	59	39	-	-	-	-
"	P. Delgada.	29.94	60	SW	4	bc	29.87	-08	58	56	+1	WSW	5	c	4	63	57	-	-	-	-
21 <sup>st</sup>	Frankfurt.	30.52	36	NE	1	7	30.54	+03	29	-	+3	NE	1	c	-	43	25	-	-	-	-
23 <sup>rd</sup>	Chorshawn.	-	-	-	-	-	30.29	+32	43	-	-1	WSW	1	c	-	-	-	-	-	-	-
"	Corunna.	30.20	59	NW	3	o	30.13	-12	45	43	-6	NE	1	f	5	61	39	-	-	-	-
"	P. Delgada.	30.15	50	N	2	7	30.01	-23	49	45	+1	N	1	c	2	57	46	-	-	-	-
25 <sup>th</sup>	Corunna.	30.13	57	NE	3	7	30.25	+15	45	43	+4	NE	3	7	5	59	39	-	-	-	-
"	P. Delgada.	30.06	60	SSE	4	bc	30.02	+05	60	57	+3	SSE	5	o	5	63	57	-	-	-	0.28
26 <sup>th</sup>	P. Delgada.	30.02	60	SSE	6	o	29.94	-09	59	56	-1	ESE	7	c	6	63	59	-	-	-	-
27 <sup>th</sup>	Belfast.	30.08	23	E	3	o	30.17	+10	15	-	-5	Z	0	m	-	25	12	-	-	-	-
"	Corunna.	30.30	48	NE	3	o	30.22	-12	39	37	-5	NE	1	o	3	50	36	-	-	-	-



# REPORTS FOR *February, 1909.*

## 2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.							PAST 24 HOURS.							
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun- shine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L.		Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Max.			Min.				
Ins.	°				Ins.	Ins.	°	°	°									Hours.	Ins.		
1 <sup>st</sup>	Stornoway.	-	-	-	-	c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Bath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	
2 <sup>nd</sup>	Wairu	-	-	-	-	-	29.77	-17	-	-	-	-	-	-	-	-	-	-	-	-	
"	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 <sup>rd</sup>	Holyhead.	-	-	SW	-	-	-	-	-	-	-	-	-	-	-	44	35	-	No rain.	-	
"	Dover.	-	-	-	-	-	29.92	-27	-	-	-	-	-	-	-	-	32	-	2.0	-	
"	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	44	-	0.08	-	
4 <sup>th</sup>	Malin Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-	-	
"	Blackssd Pt.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	-	-	
"	Wairu	-	-	-	-	-	-	-	-	37	-	-	-	-	-	-	-	-	-	-	
"	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-	-	
5 <sup>th</sup>	Stornoway Hd.	-	-	-	-	-	-	-	-	33	-	-	-	-	-	-	-	-	-	-	
"	Blackssd Pt.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-	
"	Galancia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08	-	
"	Jersey.	30.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-	-	-	
"	St. Shields	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-	
6 <sup>th</sup>	Holyhead.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	-	
7 <sup>th</sup>	Blackssd Pt.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-	
"	Roches Point	-	-	-	-	-	29.89	-34	-	-	-	-	-	-	-	-	-	-	-	-	
8 <sup>th</sup>	Stornoway Hd.	-	-	-	-	-	-	-	-	39	-	-	-	-	-	-	-	-	-	-	
10 <sup>th</sup>	Clacton-on-Sea.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	-	-	-	
11 <sup>th</sup>	Oxford.	-	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15 <sup>th</sup>	Donaghadee.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	35	-	-	-	
16 <sup>th</sup>	Blackssd Pt.	30.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Donaghadee.	-	-	-	-	-	30.18	-03	-	-	-	-	-	-	-	-	-	-	-	-	
19 <sup>th</sup>	Scilly.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	-	-	
21 <sup>st</sup>	Galancia.	-	-	-	-	-	-	-	-	52	-	+4	-	-	-	-	-	-	-	-	
"	Donaghadee	-	-	-	-	-	30.25	+07	-	-	-	-	-	-	-	-	-	-	-	-	
"	Bambrook.	30.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23 <sup>rd</sup>	Donaghadee.	-	-	-	-	-	30.37	-12	-	-	-	-	-	-	-	-	-	-	-	-	
24 <sup>th</sup>	Portland Bill	-	-	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25 <sup>th</sup>	Seydisfjord.	-	-	-	-	-	30.37	+38	-	-	-	-	-	-	-	-	-	-	-	-	
"	Donaghadee.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	
"	Dover.	-	-	-	-	-	-	-	-	33	-	-	-	-	-	-	-	-	-	-	
26 <sup>th</sup>	Scilly	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Dover.	-	-	-	-	-	30.31	-	-	-	-	-	-	-	-	-	-	-	-	-	
27 <sup>th</sup>	Clacton-on-Sea.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	
"	Bath.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	
"	Frankfurt.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	
"	Rochefort.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	
"	Trice	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	
28 <sup>th</sup>	Dover	-	-	-	-	-	-	-	26	26	-5	-	-	-	-	31	26	-	-	-	



# WIRELESS TELEGRAMS.

## ADDITIONS AND CORRECTIONS.—February, 1909.

Date of Report in which Observations appeared.	Ship and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance
		Lat.	Long.		Dir.	Force.		Air.			
				Ins.				Dry Bulb.	Wet Bulb.	Sea.	
Additions.											
February 8 <sup>th</sup>	Kronprinzessin Cecilie. Feb. 6 7 am	46 N	33 W	29.73	SW	8	-	-	-	-	-
" 19 <sup>th</sup>	Empress of Ireland. { " 16 4 am	47 N	42 W	30.22	NNW	4-5	-	-	-	-	-
	" " 7 am	48 N	40 W	30.08	WNW	4-5	0	-	-	-	-
" 27 <sup>th</sup>	Dominion { " 26 3 pm	51 N	10 W	30.49	E	1-3	-	-	-	-	-
	" " 6 pm	51 N	10 W	30.51	E	1-3	0	-	-	-	-
Corrections.											
February 1 <sup>st</sup>	Loeland. { Jan. 28 10 am	45 N	38 W	29.52	W	4-5	-	-	-	-	-
	" " 1 pm	45 N	39 W	29.64	W	4-5	bc	-	-	-	-
" "	Loak { " 31 4 am	50 N	19 W	30.19	SSW	10-11	-	-	-	-	-
" 3 <sup>rd</sup>	Michigan. { " 7 am	50 N	20 W	30.17	SW	6-7	bc	-	-	-	-
" "	Dominion. { " 29 6 pm	-	-	-	-	-	bc	-	-	-	-
" "	Campania. Feb. 1. 4 am	-	-	30.30	-	-	-	-	-	-	-
" 4 <sup>th</sup>	Minnetonka. " 2. 7 am	-	25 W	-	-	-	-	-	-	-	-
" 5 <sup>th</sup>	Dominion. Jan. 30. 6 pm	42 N	-	-	-	-	-	-	-	-	-
" 6 <sup>th</sup>	Minnetonka. Feb. 3. 3 pm	-	35 W	-	-	-	-	-	-	-	-
" "	Dominion { " 1. 7 am	-	-	-	-	-	bc	-	-	-	-
" "	" " 2. 7 am	-	-	-	-	-	bc	-	-	-	-
" "	" " 3 7 am	-	-	-	-	-	bc	-	-	-	-
" 8 <sup>th</sup>	Minnetonka. " 4. 6 pm	-	43 W	29.76	-	-	-	-	-	-	-
" "	Kaiser. { " 6 6 pm	47 N	26 W	-	NW	6	-	-	-	-	-
" "	Wilhelm { " 7 7 am	48 N	20 W	29.61	WNW	-	-	-	-	-	-
" "	der Grosse. { " 6 pm	49 N	13 W	-	NNW	10-12	-	-	-	-	-
" 9 <sup>th</sup>	Maurestania { " 6 6 pm	45 N	-	-	-	-	-	-	-	-	-
" "	" " 8 7 am	-	14 W	-	-	-	-	-	-	-	-
" 10 <sup>th</sup>	Canada. { " 7 6 pm	-	-	30.20	-	-	-	-	-	-	-
" "	" " 10 10 am	49 N	20 W	30.35	NW	4-5	-	-	-	-	-
" 12 <sup>th</sup>	Greenland { " 1 pm	49 N	19 W	30.34	WNW	4-5	c	-	-	-	-
" "	Oceanic. { " 7 3 pm	45 N	40 W	30.02	WSW	4-5	-	-	-	-	-
" "	" " 6 pm	44 N	41 W	30.01	WSW	4-5	c	-	-	-	-
" 15 <sup>th</sup>	Maurestania. " 14. 6 pm	-	-	-	NNE	1-3	-	-	-	-	-
" 17 <sup>th</sup>	Amerika. " 12 7 am	-	-	30.39	-	-	-	-	-	-	-
" 19 <sup>th</sup>	Maurestania. " 16 7 am	-	-	-	-	-	c	-	-	-	-
" "	" " 16 6 pm	-	37 W	-	-	-	-	-	-	-	-
" 21 <sup>st</sup>	Dominion { " 17 6 pm	-	-	-	-	-	bc	-	-	-	-
	" " 18. 7 am	-	-	-	-	-	bc	-	-	-	-
	" " 19 6 pm	-	-	-	-	-	omd	-	-	-	-
" 22 <sup>nd</sup>	Minnetonka { " 19 7 am	-	-	-	-	-	or	-	-	-	-
	" " 3 pm	48 N	-	-	-	-	-	-	-	-	-
" 23 <sup>rd</sup>	Greenland { " 19 4 am	42 N	45 W	29.60	WNW	8-9	-	-	-	-	-
	" " 7 am	42 N	46 W	29.61	WNW	8-9	S	-	-	-	-
" "	" " 3 pm	41 N	47 W	29.94	WNW	10-11	-	-	-	-	-
" "	" " 6 pm	41 N	48 W	30.00	WNW	8-9	S	-	-	-	-
" 24 <sup>th</sup>	Minnehaha. " 22 6 pm	-	-	-	-	-	bc	-	-	-	-
" 28 <sup>th</sup>	Tunisian. " 27 6 pm	-	-	-	NE	6-7	-	-	-	-	-