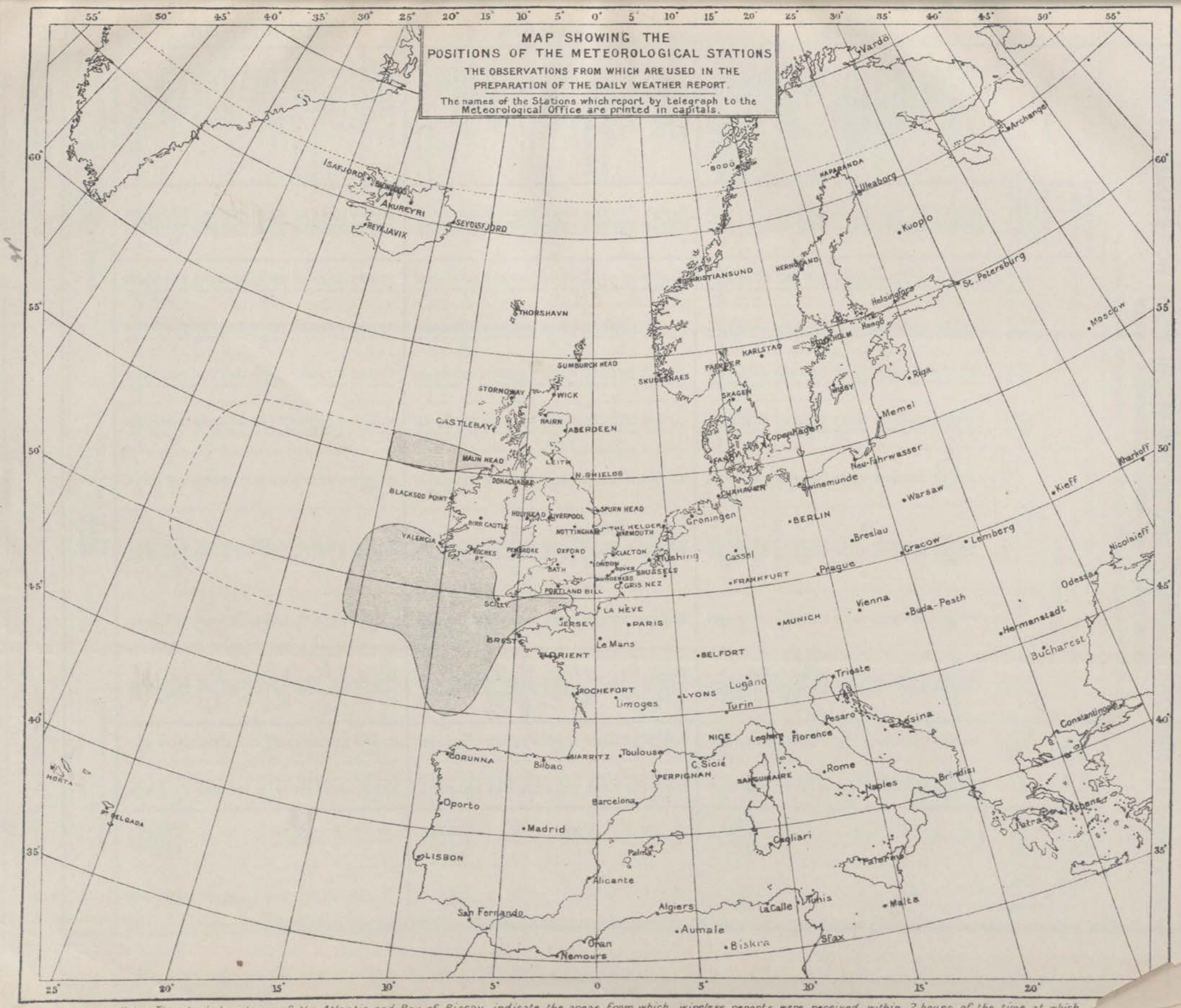
METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER. 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 pecked lines indicate the limits of the areas from which they were received within 24 hours.

DAILY WEATHER REPORT. APPENDIX I.

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

THIRD QUARTER, JULY TO SEPTEMBER.

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

	STATIONS.	PRESSURE. 1871-1905. 8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	AIR TEMPERATURE. 1871-1905. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes. Maximum. Temp.	Maximum. Year.	Minimum. Temp.	Minimum. Year.	RAINFALL. 1871-1905. Days with Rain.	Total Fall.	BRIGHT SUNSHINE. 1881-1905. * Average Duration.	Per Centage of Possible Duration.
		Inches.	°	°	°	°	°		°			Inches.	Hours.	%
JULY.	Sumburgh Head	29·817	53·2	51·5	57·4	48·3	70	1897	37	1888	18	2·40	—	—
	Stornoway	29·834	55·3	53·5	60·5	49·0	76	1894	32	1888	21	3·03	143·8	27
	Malin Head	29·882	56·2	54·1	61·0	53·3	[75]‡	[1887]‡	[42]‡	[1888, 1902]‡	[20]‡	[2·89]‡	—	—
	Blacksod Point	29·922	57·8	55·3	62·3	53·9	[80]‡	[1894]‡	[42]‡	[1898]‡	[21]‡	[3·02]‡	—	—
	Valencia	29·968	59·2	56·6	64·0	53·9	80	1878	42	1898	20	3·88	153·5	31
	Roche's Point	29·967	59·1	56·2	65·7	53·8	84	1876	45	1888	15	3·06	—	—
	Birr Castle	29·947	58·1	55·1	66·5	51·7	89	1876	37	1889	17	3·02	139·0	28
	Donaghadee	29·915	57·3	55·4	63·4	52·0	81	1876	40	1883, 1902	18	2·97	—	—
	Liverpool (Observatory)	29·937	59·5	55·6	66·1	54·4	89	1873	44	1877	16	2·90	—	—
	Holyhead	29·942	58·4	56·1	63·7	54·1	85	1901	43	1888	15	2·59	—	—
	Pembroke (St. Ann's Hd.)	29·964	58·2	56·3	62·7	55·0	80	1878	45	1888	15	2·55	206·1	42
	Scilly (St. Mary's)	29·992	60·6	58·3	65·0	56·6	75	1886, 1901, 02	48	1875	16	2·38	218·6	45
	Jersey (St. Aubin's)	30·021	62·6	59·2	68·8	56·6	90	1873	45	1902	13	2·30	249·8	52
	Portland Bill	[30·036]§	[60·7]§	[58·4]§	[66·1]§	[56·2]§	[79]§	[1901]§	[49]§	[1900]§	[10]§	[1·50]§	—	—
	Dungeness	29·973	62·0	58·7	67·1	56·0	82	1900	40	1890	12	1·67	—	—
	Wick	29·845	55·8	53·6	61·7	48·9	81	1876	30	1886	18	2·74	—	—
	Nairn	29·849	56·9	53·7	64·6	50·1	86	1876	37	1886, 97, 98, 1903	18	2·77	—	—
	Aberdeen	29·864	57·5	53·8	63·7	50·7	86	1876	38	1898, 1903	17	2·90	163·1	31
	Leith	29·878	58·4	55·0	66·7	51·5	90	1876	41	1881, 88, 92, 1903	16	2·77	—	—
	North Shields	29·897	58·3	55·2	64·5	52·1	85	1876	40	1885	15	2·66	—	—
	Spurn Head	29·924	59·7	56·7	65·3	55·1	[84]*	[1881, 1900]*	[44]*	[1888]*	13	1·82	—	—
	Yarmouth	29·944	61·0	57·7	66·4	55·0	87	1881	42	1872, 90	14	2·65	—	—
	Clacton-on-Sea	[30·042]¶	[64·9]¶	[61·2]¶	[69·4]‖	[56·0]‖	[82]‖	[1905]‖	[40]‖	[1902]‖	[9]‖	[1·69]‖	[258·2]‖	[52]‖
	Nottingham	29·956	60·9	57·1	70·8	52·2	92	1876	37	1888	16	2·60	[229·8]¶	[46]¶
	Bath	[30·024]‖	[61·7]‖	[67·6]‖	[72·1]↓	[54·5]↓	[91]†	[1876]†	[41]†	[1881]†	13	2·67	[222·6]§	[45]§
	Oxford	29·972	60·3	56·7	70·4	53·6	90	1876, 1900	41	1888	13	2·56	202·9	41
	LONDON { Westminster	[30·055]**	[64·2]**	[60·0]**	[74·6]**	[58·3]**	[81]**	[1905]**	[52]**	[1905]**	[9]**	[1·15]**	181·0	37
	LONDON { Brixton	29·977	62·3	57·8	72·9	54·4	95	1881	41	1877	13	2·38	—	—
AUGUST.	Sumburgh Head	29·778	53·3	51·6	57·5	48·4	69	1880	38	1885, 95	19	3·17	—	—
	Stornoway	29·794	54·7	53·2	60·2	49·0	75	1897, 99	33	1888	21	3·88	134·3	29
	Malin Head	29·838	56·3	54·2	61·6	53·7	[80]‡	[1900]‡	[43]‡	[1891]‡	[21]‡	[3·51]‡	—	—
	Blacksod Point	29·877	58·0	55·4	62·3	54·0	[78]‡	[1899]‡	[42]‡	[1887, 88]‡	[23]‡	[4·88]‡	—	—
	Valencia	29·929	59·3	56·8	61·4	54·1	81	1899	42	1890	22	5·14	153·1	34
	Roche's Point	29·933	58·9	56·4	65·4	54·0	80	1880	44	1883, 1903, 04	17	4·19	—	—
	Birr Castle	29·916	57·1	55·0	65·8	51·3	82	1893, 99, 1900	35	1885, 87	18	3·97	143·0	32
	Donaghadee	29·879	56·8	55·2	62·7	52·2	78	1899	38	1886	19	3·45	—	—
	Liverpool (Observatory)	29·906	58·6	55·2	65·5	54·3	85	1876, 84, 93, 99	44	1885	17	3·08	—	—
	Holyhead	29·908	58·5	56·4	63·8	54·5	83	1893	45	1888	16	3·23	—	—
	Pembroke (St. Ann's Hd.)	29·931	58·7	56·7	63·1	55·7	78	1874, 99	47	1885, 88	16	3·06	193·5	43
	Scilly (St. Mary's)	29·962	61·0	58·8	65·2	57·1	75	1893, 99	50	1885, 90, 95	17	2·63	228·4	52
	Jersey (St. Aubin's)	29·998	63·1	59·7	69·0	57·3	89	1893	45	1890	15	2·54	243·0	55
	Portland Bill	[29·973]§	[59·8]§	[57·4]§	[65·3]§	[56·0]§	[78]§	[1901]§	[49]§	[1904]§	[15]§	[2·72]§	—	—
	Dungeness	29·954	62·0	58·9	67·5	56·5	82	1904	39	1890	13	1·98	—	—
	Wick	29·809	55·3	53·3	61·2	48·5	85	1893	30	1886	19	2·74	—	—
	Nairn	29·815	55·7	53·0	63·8	49·6	86	1899	33	1885, 91, 1904	19	2·65	—	—
	Aberdeen	29·832	56·5	53·3	62·9	50·0	81	1880, 82, 99	33	1885	18	3·08	152·7	33
	Leith	29·846	58·2	54·5	66·0	51·3	85	1893	37	1874	17	2·89	—	—
	North Shields	29·869	57·2	54·5	64·0	51·6	83	1893	39	1892, 1902	16	2·84	—	—
	Spurn Head	29·904	59·0	56·7	64·8	54·9	[87]*	[1893]*	[46]*	[1887,90,1900,2]*	14	2·06	—	—
	Yarmouth	29·926	60·5	57·4	66·2	54·7	85	1893	41	1902	14	2·43	—	—
	Clacton-on-Sea	[29·954]¶	[61·7]¶	[57·8]¶	[67·5]‖	[54·8]‖	[79]‖	[1901]‖	[44]‖	[1902]‖	[14]‖	[2·13]‖	[216·0]‖	[49]‖
	Nottingham	29·933	58·8	55·9	69·0	51·5	94	1876	37	1876	17	2·61	[197·1]¶	[44]¶
	Bath	[29·955]‖	[58·8]‖	[55·6]‖	[69·5]↓	[52·3]↓	[92]†	[1876]†	[40]†	[1877, 1904]†	14	2·87	[188·7]§	[42]§
	Oxford	29·954	58·8	53·9	69·2	52·9	90	1876	39	1892	14	2·38	184·9	42
	LONDON { Westminster	[29·881]**	[60·1]**	[56·2]**	[68·3]**	[54·3]**	[74]**	[1905]**	[46]**	[1905]**	[15]**	[2·51]**	168·0	38
	LONDON { Brixton	29·961	60·9	57·2	71·8	53·6	96	1876	39	1887, 90	14	2·39	—	—
SEPTEMBER.	Sumburgh Head	29·800	50·8	49·1	54·9	46·3	69	1898	34	1887, 88	20	3·32	—	—
	Stornoway	29·816	51·4	50·1	57·1	45·8	72	1898	32	1871, 75, 85, 1904	21	4·08	114·1	30
	Malin Head	29·866	53·7	51·5	58·6	51·0	[78]‡	[1898]‡	[38]‡	[1886]‡	[19]‡	[2·95]‡	—	—
	Blacksod Point	29·902	55·4	52·9	59·7	51·5	[78]‡	[1898]‡	[39]‡	[1899]‡	[21]‡	[4·26]‡	—	—
	Valencia	29·956	56·4	54·0	61·8	51·4	79	1898	35	1899	20	4·50	129·6	35
	Roche's Point	29·964	55·8	53·7	61·8	51·3	74	1880	39	1893	15	3·52	—	—
	Birr Castle	29·947	52·8	51·0	61·8	47·3	79	1880, 98	29	1899	17	2·76	127·9	34
	Donaghadee	29·918	53·7	52·4	60·1	49·4	74	1898	36	1882, 94, 99	17	2·84	—	—
	Liverpool (Observatory)	29·950	54·7	52·0	61·4	50·8	82	1880	39	1885	17	2·96	—	—
	Holyhead	29·943	55·9	53·7	60·8	52·2	78	1880	42	1903	16	2·96	—	—
	Pembroke (St. Ann's Hd.)	29·962	56·3	54·1	60·5	53·1	74	1895	40	1885	16	3·10	148·9	40
	Scilly (St. Mary's)	29·979	58·7	56·5	62·3	54·9	73	1899	44	1885, 88	17	3·03	169·7	45
	Jersey (St. Aubin's)	30·009	60·2	57·0	65·9	54·9	86	1895	41	1891	16	2·92	182·1	49
	Portland Bill	[30·029]§	[57·2]§	[54·8]§	[62·9]§	[53·6]§	[69]§	[1900]§	[43]§	[1902, 03]§	[13]§	[2·26]§	—	—
	Dungeness	29·985	57·9	55·5	64·1	52·9	78	1898, 99	32	1885	14	2·30	—	—
	Wick	29·833	52·1	50·3	58·0	45·8	78	1898	29	1885, 87	19	2·59	—	—
	Nairn	29·846	51·7	49·4	60·0	45·8	83	1898	25	1892	17	2·37	—	—
	Aberdeen	29·870	52·5	50·0	59·3	46·7	81	1898	30	1887	18	2·71	123·2	33
	Leith	29·889	53·6	50·9	62·2	47·6	83	1898	33	1886, 1905	15	2·05	—	—
	North Shields	29·915	53·3	51·1	60·4	48·2	81	1898	34	1885, 89, 93	14	2·03	—	—
	Spurn Head	29·948	55·7	53·8	61·1	52·4	[79]*	[1899]*	[38]*	[1892]*	13	1·69	—	—
	Yarmouth	29·961	56·6	54·3	62·3	51·4	78	1880, 98	33	1885	14	2·41	—	—
	Clacton-on-Sea	[30·019]¶	[56·3]¶	[53·6]¶	[63·1]‖	[52·3]‖	[75]‖	[1905]‖	[38]‖	[1904]‖	[11]‖	[1·16]‖	[179·3]‖	[48]‖
	Nottingham	29·975	53·3	51·5	64·1	47·6	87	1898	30	1887	16	2·14	[131·2]¶	[35]¶
	Bath	[30·010]‖	[53·9]‖	[51·9]‖	[65·2]↓	[48·5]↓	[85]†	[1880]†	[34]†	[1872]†	12	2·74	[139·0]§	[37]§
	Oxford	29·991	53·9	52·0	64·5	48·7	90	1898	33	1885	13	2·11	144·9	39
	LONDON { Westminster	[29·960]**	[55·7]**	[53·2]**	[63·2]**	[51·1]**	[74]**	[1905]**	[44]**	[1905]**	[14]**	[1·49]**	116·8	31
	LONDON { Brixton	29·994	55·7	53·3	66·6	49·7	91	1898	30	1877	13	2·06	—	—

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

↓ Results for 7 years, 1899-1905.
§ " 6 " 1900-1905.
‖ " 5 " 1901-1905.

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

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JULY, 1906.

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For NOTES see Page 4.

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

FOURTH QUARTER, OCTOBER TO DECEMBER.

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

	STATIONS.	PRESSURE. 1871-1905.	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905.		BRIGHT SUNSHINE. 1881-1905.	
			Means of				Absolute Extremes.							
							Maximum.		Minimum.					
		8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Temp.	Year.	Temp.	Year.	Days with Rain.	Total Fall.	Average Duration.	Per Centage of Possible Duration.
		Inches.	°	°	°	°	°		°			Inches.	Hours.	%
OCTOBER.	Sumburgh Head	29·721	45·9	44·2	49·7	41·7	61	1898	26	1875	25	4·38	—	—
	Stornoway	29·752	45·4	44·3	51·3	40·3	70	1898	26	1880	24	5·69	84·3	27
	Malin Head	29·804	48·4	46·4	52·6	45·6	[69]‡	[1898]‡	[32]‡	[1892]‡	[22]‡	[3·22]‡	—	—
	Blacksod Point	29·853	49·7	46·9	54·2	45·9	[70]‡	[1898]‡	[29]‡	[1905]‡	[23]‡	[5·13]‡	—	—
	Valencia	29·891	50·9	48·7	56·4	46·2	69	1898	28	1892	22	5·48	102·7	32
	Roche's Point	29·893	50·1	48·3	55·8	46·1	65	1880, 84, 86	32	1881	17	4·17	—	—
	Birr Castle	29·887	45·5	44·1	54·7	40·6	69	1898	22	1880, 1905	18	2·93	98·0	30
	Donaghadee	29·846	47·8	46·4	53·8	43·5	66	1898	21	1892	19	2·97	—	—
	Liverpool (Observatory)	29·876	47·8	45·7	53·8	44·6	72	1886	27	1895	19	3·54	—	—
	Holyhead	29·887	50·3	48·2	54·7	46·9	71	1886	32	1892	20	4·33	—	—
	Pembroke (St. Ann's Hd.)	29·885	51·3	49·3	55·1	48·0	66	1872, 86	33	1895	20	4·02	103·6	32
	Scilly (St. Mary's)	29·903	53·9	51·7	57·0	50·1	69	1895	38	1895, 96	21	3·76	115·4	35
	Jersey (St. Aubin's)	29·935	53·6	50·9	58·7	49·0	73	1876, 98, 1900	33	1887	20	4·52	126·0	38
	Portland Bill	[29·961]§	[52·4]§	[49·8]§	[57·1]§	[48·5]§	[65]§	[1901]§	[35]§	[1905]§	[17]§	[3·06]§	—	—
	Dungeness	29·913	50·4	48·6	56·7	46·0	70	1886	23	1890	16	3·24	—	—
	Wick	29·754	46·0	44·4	51·9	40·4	73	1898	22	1885	21	3·23	—	—
	Nairn	29·774	44·6	42·8	52·4	39·6	72	1898	19	1896	19	2·47	—	—
	Aberdeen	29·793	45·6	43·6	52·5	41·2	74	1883	25	1880	20	2·94	98·6	31
	Leith	29·816	46·6	44·6	54·7	41·6	70	1898	25	1894	16	2·19	—	—
	North Shields	29·837	46·9	45·2	53·5	42·2	69	1898	27	1890, 92, 95	17	2·93	—	—
	Spurn Head	29·859	49·0	47·5	53·8	45·6	[70]*	[1900]*	[33]*	[1887, 95]*	16	2·26	—	—
	Yarmouth	29·885	49·3	47·6	54·5	44·7	74	1900	27	1895	18	2·91	—	—
	Clacton-on-Sea	[30·046]¶	[47·4]¶	[45·5]¶	[55·7]‖	[45·1]‖	[69]‖	[1904]‖	[29]‖	[1905]‖	[16]‖	[1·71]‖	[110·6]‖	[34]‖
	Nottingham	29·899	45·5	44·3	55·1	41·5	75	1895	20	1890	20	2·60	[88·6]¶	[27]¶
	Bath	[29·945]‖	[47·7]‖	[46·2]‖	[57·6]‡	[42·5]‡	[73]†	[1873]†	[24]†	[1905]†	15	3·05	[93·0]§	[29]§
	Oxford	29·921	46·2	44·8	55·7	42·1	76	1886	22	1873	15	2·76	100·6	31
	LONDON { Westminster	[30·029]**	[43·6]**	[41·7]**	[53·0]**	[38·7]**	[61]**	[1905]**	[29]**	[1905]**	[16]**	[1·01]**	68·7	21
	LONDON { Brixton	29·921	47·7	46·1	56·8	42·9	80	1886	24	1890	16	2·73	—	—
NOVEMBER.	Sumburgh Head	29·718	42·5	40·8	46·0	38·5	58	1901	21	1875	24	3·96	—	—
	Stornoway	29·732	42·6	41·5	47·0	37·5	58	1897, 1901, 02	20	1880	24	5·41	41·4	18
	Malin Head	29·784	44·5	42·7	48·3	41·4	[59]‡	[1894, 99]‡	[31]‡	[1889]‡	[21]‡	[3·23]‡	—	—
	Blacksod Point	29·830	45·8	43·9	49·8	41·9	[60]‡	[1897, 99]‡	[26]‡	[1890]‡	[24]‡	[5·29]‡	—	—
	Valencia	29·893	47·4	45·4	52·3	42·8	63	1881	27	1890, 96, 1901	22	5·67	64·8	25
	Roche's Point	29·899	46·4	44·9	51·3	42·3	61	1875	27	1890	18	4·69	—	—
	Birr Castle	29·879	41·8	40·5	49·2	37·1	63	1872	19	1905	19	3·10	62·9	25
	Donaghadee	29·848	44·0	42·8	48·9	39·8	60	1894	27	1878, 83	19	3·20	—	—
	Liverpool (Observatory)	29·891	42·9	41·1	48·2	39·9	63	1872	22	1880	17	2·65	—	—
	Holyhead	29·874	46·2	44·4	50·0	42·9	62	1881	29	1880	19	4·14	—	—
	Pembroke (St. Ann's Hd.)	29·898	47·3	45·6	50·7	43·8	58	1884,95,97,99,1901,2	28	1890	20	3·94	62·3	24
	Scilly (St. Mary's)	29·917	50·2	48·1	53·0	46·5	61	1898	29	1890	20	3·68	75·6	28
	Jersey (St. Aubin's)	29·962	48·0	45·9	52·6	44·2	66	1899	16	1890	20	4·10	76·2	28
	Portland Bill	[29·938]§	[46·6]§	[44·8]§	[51·0]§	[42·9]§	[61]§	[1900]§	[30]§	[1902]§	[14]§	[2·11]§	—	—
	Dungeness	29·930	44·9	43·5	50·1	40·8	63	1899	17	1890	17	2·65	—	—
	Wick	29·750	42·0	40·5	46·7	36·8	62	1900	15	1884, 1904	20	2·84	—	—
	Nairn	29·771	40·5	38·9	46·4	35·5	61	1885, 94	12	1904	17	2·21	—	—
	Aberdeen	29·802	41·1	39·3	46·6	37·1	62	1872, 89	15	1880, 84	20	3·22	54·5	23
	Leith	29·825	42·3	40·6	48·5	37·6	64	1872	18	1885	16	2·17	—	—
	North Shields	29·851	42·7	41·1	48·0	38·2	62	1894	20	1880	16	2·44	—	—
	Spurn Head	29·880	43·8	42·5	47·7	40·6	[61]*	[1894, 95]*	[28]*	[1884]*	17	1·98	—	—
	Yarmouth	29·903	43·6	42·3	48·0	39·4	60	1895, 98, 99, 1904	23	*1890	18	2·70	—	—
	Clacton-on-Sea	[29·878]¶	[41·0]¶	[40·0]¶	[47·9]‖	[39·0]‖	[59]‖	[1902]‖	[25]‖	[1904]‖	[11]‖	[1·55]‖	[78·4]‖	[30]‖
	Nottingham	29·916	40·7	39·6	48·0	36·9	63	1895	13	1904	20	1·99	[33·5]¶	[13]¶
	Bath	[29·981]‖	[40·7]‖	[39·5]‖	[50·3]‡	[37·4]‡	[64]†	[1879]†	[18]†	[1901]†	15	2·95	[54·2]§	[21]§
	Oxford	29·938	41·4	40·2	48·7	37·7	63	1899	17	1904	15	2·34	56·5	22
	LONDON { Westminster	[29·693]**	[40·7]**	[39·6]**	[47·9]**	[36·7]**	[56]**	[1905]**	[25]**	[1905]**	[19]**	[3·01]**	26·6	10
	LONDON { Brixton	29·938	42·6	41·1	49·6	38·4	65	1894	19	1879	15	2·35	—	—
DECEMBER.	Sumburgh Head	29·646	40·2	38·7	43·1	36·1	53	1890, 1905	19	1877	26	4·45	—	—
	Stornoway	29·669	40·1	39·0	43·9	34·7	55	1898	15	1880	26	5·90	23·9	12
	Malin Head	29·745	41·8	40·2	45·4	38·4	[55]‡	[1900, 04]‡	[29]‡	[1904]‡	[23]‡	[3·21]‡	—	—
	Blacksod Point	29·799	43·4	41·5	47·2	39·4	[59]‡	[1899]‡	[26]‡	[1896]‡	[27]‡	[5·81]‡	—	—
	Valencia	29·875	45·3	43·2	50·0	40·7	57	1884, 88, 99, 1900	24	1886	25	6·21	41·0	17
	Roche's Point	29·890	44·1	42·7	48·5	40·0	58	1873	25	1882	20	5·32	—	—
	Birr Castle	29·866	39·0	37·8	45·6	34·3	58	1877, 1900	8	1878	20	3·07	43·9	19
	Donaghadee	29·819	41·1	40·1	46·1	36·9	56	1885, 88, 94	20	1879	20	2·96	—	—
	Liverpool (Observatory)	29·878	39·4	37·7	44·3	36·1	59	1891, 98, 1900	13	1878	18	2·46	—	—
	Holyhead	29·860	43·3	41·6	46·7	39·5	56	1872, 88	25	1874	20	3·89	—	—
	Pembroke (St. Ann's Hd.)	29·898	44·4	42·9	47·5	40·9	57	1899, 1902	19	1890	21	4·03	42·3	18
	Scilly (St. Mary's)	29·929	47·7	45·8	50·4	43·9	58	1899, 1900	30	1890	22	4·21	57·6	23
	Jersey (St. Aubin's)	29·989	44·0	42·2	48·1	40·2	61	1876	19	1871	20	3·84	61·7	25
	Portland Bill	[29·923]§	[44·5]§	[43·1]§	[47·8]§	[41·0]§	[55]§	[1900]§	[25]§	[1902]§	[18]§	[2·54]§	—	—
	Dungeness	29·949	40·7	39·6	45·3	36·5	56	1880, 97, 98, 1900	12	1890	16	2·24	—	—
	Wick	29·681	38·9	37·6	43·1	33·6	56	1898	10	1880	22	2·99	—	—
	Nairn	29·709	37·6	36·1	42·6	32·4	58	1900	10	1882	18	2·08	—	—
	Aberdeen	29·745	37·7	36·0	42·5	33·5	58	1873	6	1882	20	3·06	37·0	18
	Leith	29·778	39·3	37·7	44·5	34·3	60	1896	6	1882	16	1·97	—	—
	North Shields	29·820	39·0	37·7	43·7	34·5	59	1873, 98	10	1878, 79	16	2·17	—	—
	Spurn Head	29·860	39·4	38·3	43·2	35·9	[56]*	[1898]*	[19]*	[1891]*	15	1·94	—	—
	Yarmouth	29·907	38·7	37·6	42·8	34·4	60	1901	15	1879	18	2·11	—	—
	Clacton-on-Sea	[30·079]¶	[39·9]¶	[39·3]¶	[43·4]‖	[35·9]‖	[55]‖	[1904]‖	[20]‖	[1902]‖	[13]‖	[1·26]‖	[49·7]‖	[21]‖
	Nottingham	29·911	37·1	36·0	43·4	33·0	58	1898	−1	1879	20	2·09	[29·7]¶	[13]¶
	Bath	[29·917]‖	[39·9]‖	[38·6]‖	[46·2]‡	[35·1]‡	[58]†	[1876, 99, 1901, 03]†	[14]†	[1899]†	13	2·92	[30·7]§	[13]§
	Oxford	29·947	37·7	36·6	43·7	34·1	58	1888, 97	6	1878	16	2·03	40·8	17
	LONDON { Westminster	[30·235]**	[40·8]**	[39·5]**	[45·4]**	[37·3]**	[58]**	[1905]**	[27]**	[1905]**	[7]**	[0·58]**	13·0	5
	LONDON { Brixton	29·949	38·7	37·4	44·7	34·6	58	1873, 88, 91, 98	11	1878	14	1·98	—	—

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

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

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

METEOROLOGICAL OFFICE,
63, Victoria Street, London, S.W.
OCTOBER, 1906.

3000 Wt 4940 8/06 D & S 23 24920

For NOTES see Page 4.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

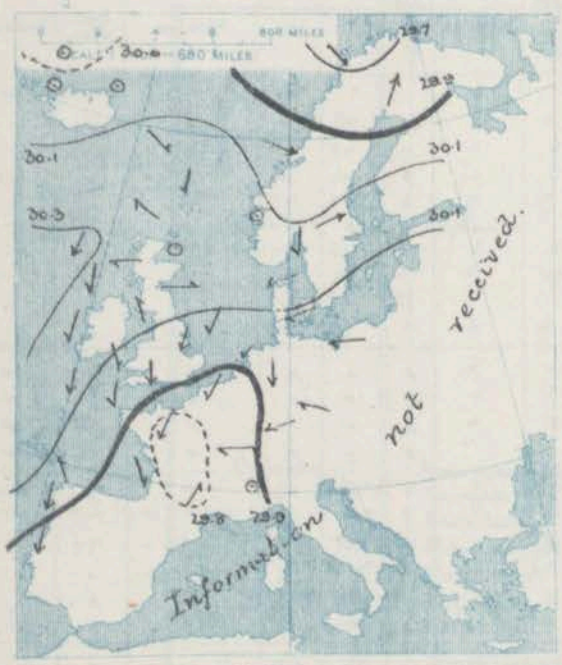
Monday, 1st November 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	29.96	41	SW	2	b	30.10	+.33	28	?	−16	NW	2	b	*	45	?	*	*	-
	Hernösand	30.16	36	2	0	b	30.20	+.26	31	30	−8	2	0	c	*	45	?31	*	*	-
	Stockholm	30.18	44	NNW	2	0	30.19	−.01	41	40	+1	NW	2	0	*	46	39	*	*	0.12
	Wisby	30.11	46	ENE	2	0	30.10	−.04	47	45	−1	NNE	6	0	*	50	41	*	*	-
	Karlstad	30.20	29	2	0	b	30.23	+.10	37	36	−7	2	0	c	*	*	*	*	*	-
	Færder (X'tania Fiord)	30.16	44	NNE	2	b	30.22	+.14	39	37	−5	NNW	2	b	1	45	37	*	*	-
	Bodö	30.03	40	NW	4	b	30.06	+.12	35	32	−4	W	4	0	2	41	34	*	*	0.12
	Christiansund ...	30.20	38	2	0	b	30.10	+.08	38	35	−5	ESE	1	b	2	43	37	*	*	-
	Skudesnaes ...	30.26	41	NNW	2	c	30.24	+.10	29	28	−1	NW	2	c	2	46	36	b.c	*	0.12
ICELAND & FAEROE.	Isafjord	30.04	33	NE	3	c	29.98	−.07	28	*	−3	2	0	b	*	*	*	*	*	*
	Reykjavik	29.83	34		1	c	29.83	−.12	27	*	−10	E	1	0	*	*	*	*	*	*
	Seydisfjord	29.94	34	WSW	3	c	29.89	−.08	27	*	−5	N	5	c	*	*	*	*	*	*
	Thorshavn	30.02	41	WSW	5	r	29.90	−.15	46	*	+8	WSW	6	r	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.25	39	W	1	b	30.05	−.11	44	40	+6	W	3	0	2	44	38	b	*	0.02
	Stornoway	30.28	40	S	4	bc	30.03	−.24	45	43	+6	SW	6	r	5	46	38	cp.b.cm.odp	6.8	0.01
	Castlebay (Barra Id.)	30.31	43	S	1	b	30.13	−.11	48	45	+8	SW	5	0	4	48	39	b.bc.o	7.0	-
	Malin Head ...	30.33	39	NE	1	b	30.20	−.01	37	35	−3	NE	3	0g	3	43	36	bcg.bc.cm	*	-
	Blacksod Pt. ...	30.28	44	ENE	2	bc			46	43	+2	SSW	3	c	3	46	38	bc	*	-
	Valencia	30.30	41	NE	4	b	30.31	+.09	32	31	−8	ENE	1	bxo	3	49	31	bc	7.7	0.04
	Roche's Point ...	30.27	40	N	2	b	30.29	+.10	38	37	0	N	3	bc	2	46	36	b.bc.bcg	*	0.01
	Birr Castle ...	30.30	38	2	0	b	30.30	+.08	26	25	−2	2	0	c	*	44	31	b.c	6.2	-
	Donaghadee ...	30.24	43	WNW	3	c	30.29	+.08	35	35	−6	WSW	1	c	0	46	34	c	*	-
	Liverpool Obsy. ...	30.27	40	NE	3	m	30.27	+.08	38	37	+6	NE	2	0	2	45	32	bm.b.bm	8.2	-
	Holyhead	30.24	45	NE	2	bc	30.27	+.11	44	42	+8	NE	2	c	1	45	35	b.bc	*	-
	Pembroke (St. Ann's Hd.)	30.17	42	NE	3	b	30.19	+.09	43	41	+5	NNE	3	cg	2	46	37	bc.bm	8.5	-
	Scilly (St. Mary's) ...	30.07	46	N	4	c	30.11	+.02	41	38	+2	N	4	c	2	49	41	c	4.2	-
	Jersey (St. Aubins) ...	29.90	47	NE	5	r	30.08	+.13	51	50	+7	ENE	3	0	3	51	44	orm, ogm	0.0	0.54
	Portland Bill ...	29.98	43	NNE	5	r	30.10	+.09	48	47	+9	ENE	5	0	4	48	38	r	0.0	0.14
	Dungeness	29.94	51	NE	5	r	30.09	+.14	51	50	+7	E	4	r	4	51	43	c cp.r.c	0.0	0.25
	Dover	*	*	*	*	*	30.19	+.23	50	?48	+3	ENE	2	0	1	?50	45	op	0.0	0.38
	Wick	30.30	40	N	2	bc	30.12	−.13	32	36	+11	SW	2	bc	2	47	26	-	*	-
	Nairn	30.31	29	2	0	b	30.16	−.09	37	35	+7	WSW	3	c	1	41	25	b.bc	7.9	-
	Aberdeen	30.34	33	NW	1	b*	30.23	−.04	35	32	+1	SW	2	bc	2	45	26	b.bc.bc	7.5	-
	Leith	30.32	40	W	1	b	30.29	+.04	29	28	−5	W	1	cm	*	43	26	bc.bm	*	-
	North Shields ...	30.29	39	NW	3	c	30.30	+.07	33	32	+4	2	0	0	3	45	29	c	5.4	-
	Spurn Head ...	30.18	45	NE	5	r	30.23	+.11	49	47	+4	ENE	5	0	4	49	43	or.or.op	*	0.05
	Yarmouth	30.08	48	NE	4	or	30.15	+.15	49	47	+2	E	5	op	6	50	45	or.op	0.0	0.60
	Clacton-on-Sea ...	30.02	45	NNE	3	r	30.15	+.14	50	48	+8	ENE	2	0	2	50	42	ogr	0.0	0.69
	Nottingham ...	30.19	43	NNE	4	b	30.23	+.08	43	42	+9	NNE	3	c	*	44	33	c.op.b.op	0.7	0.01
	Bath	30.07	38	NE	2	0	30.17	+.10	46	45	+15	2	0	0	*	46	33	-	0.0	0.09
	Oxford	30.13	43	NNE	5	r	30.21	+.10	46	45	+10	NNE	2	0	*	46	36	mg	*	0.12
	London (St. James's Pk)	30.03	45	NE	4	or	30.16	+.13	48	47	+7	NE	2	om	*	49	41	c.or	0.0	0.12
GERMANY, &c.	The Scaw (Skagen)	30.18	44	WNW	1	b	30.21	+.07	45	42	+4	NNE	1	c	1	46	41	*	*	-
	Fanö	30.24	35	NE	2	b	30.28	+.11	33	32	−7	2	0	b	*	48	32	*	*	-
	Cuxhaven†	30.17	46	E	3	0	30.26	+.16	44	88	−3	ENE	3	b	*	48	43	*	*	-
	The Helder ...	30.15	48	E	?	bc	30.24	+.16	46	44	−1	ESE	3	0	2	50	46	*	*	-
	Brussels	*	*	*	*	*	30.15	+.19	45	45	+5	ENE	1	f	*	49	39	*	*	0.08
	Berlin†	30.04	51	E	2	0	30.18	+.21	47	91	−1	N	2	0	*	52	46	*	*	-
	Frankfurt†	30.08	49	N	4	0	30.13	+.20	48	88	+2	NE	4	0	*	48	45	*	*	-
	Munich†	30.04	46	2	0	0	30.12	+.18	44	100	−1	NE	2	f	*	50	43	*	*	-
FRANCE.	C. Gris Nez ...	29.96	46	E	4	r	30.10	+.12	46	46	+2	ENE	4	m	2	48	45	*	*	0.67
	La Hève	29.94	43	ENE	3	m	?30.13	+.20	46	44	+2	E	2	m	1	48	43	*	*	0.32
	Brest	29.99	43	N	4	r	30.04	+.02	48	47	+7	NE	3	0	2	?48	41	*	*	0.24
	Lorient	?	46	N	5	f	?	?	48	47	+4	ENE	3	0	2	49	45	*	*	-
	Rochefort	29.78	48	2	0	0	29.98	+.20	44	44	−1	SE	2	m	*	50	41	0	*	0.04
	Biarritz	29.92	49	2	0	r	30.00	+.15	48	46	−5	WSW	3	0	2	54	46	*	*	0.[illegible]4
	Paris	29.91	48	ENE	1	b	30.07	+.23	43	43	−1	NNE	2	0	*	54	39	*	*	0.[illegible]3
	Belfort	30.01	46	ENE	2	f	30.13	+.20	45	45	+2	ENE	4	f	*	50	?43	*	*	-
	Lyons	29.93	50	WSW	1	0	30.06	+.20	50	49	+4	NNE	1	r	*	64	48	*	*	0.43
	Nice	30.00	55	E	2	0	30.04	+.13	58	51	+6	2	0	c	3	58	52	*	*	-
	Perpignan	29.86	52	2	0	r	29.98	+.19	52	50	+9	W	2	0	*	64	51	*	*	0.2[illegible]
	Sauguinaire ...																	*	*	
SPANISH PENIN.	Corunna																	*	*	
	Lisbon	29.83	50	N	4	b	29.78	−.12	49	43	0	NNE	3	b	*	57	45	*	*	-
	Azores (P. Delgada) ...																	*	*	
	" Horta ...	30.44	64	NE	4	0	30.42	.00	62	54	0	NNE	4	0	2	66	?62	*	*	-

For NOTES see Page 4.

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

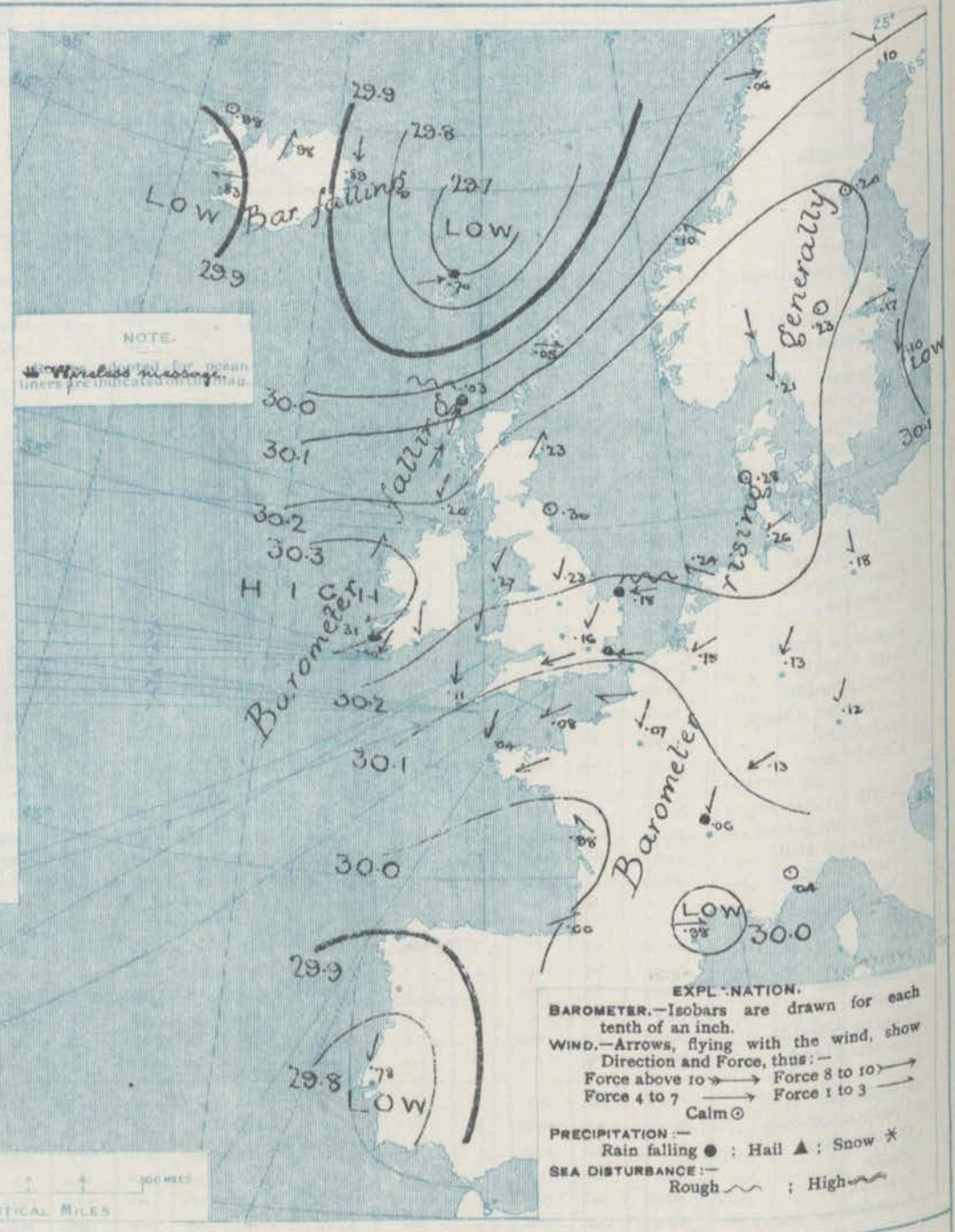
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

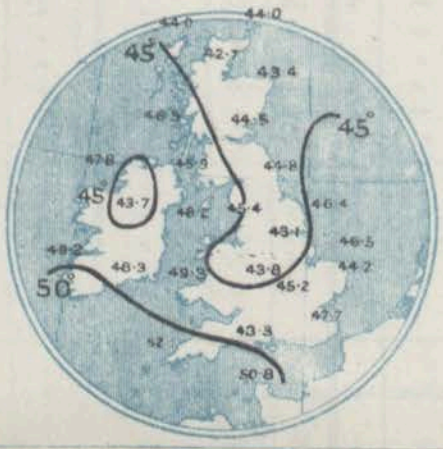
Monday, 1st Nov. WEATHER

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



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

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



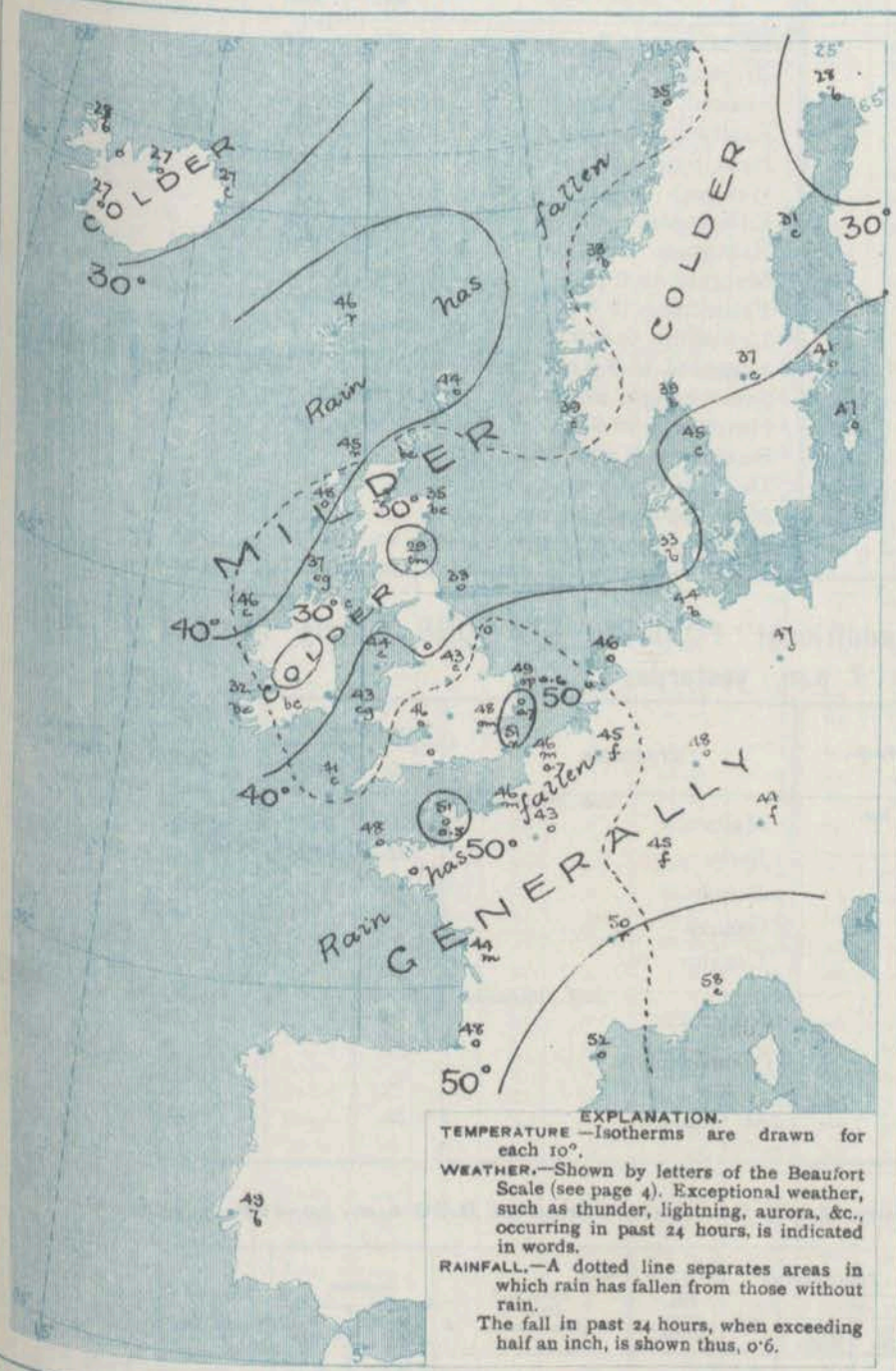
NOTES ON THE GENERAL SITUATION AT 7 A.M

A broad anticyclonic ridge now stretches from the Atlantic over the United Kingdom to the south of Scandinavia, and the barometer is rising over all the more southern parts of our area of observation. A depression has appeared in the neighbourhood of the Faeröe Islands, and is causing a fall of the barometer on our own northern coasts.

The wind is light to moderate from East or North-East over England, the Netherlands, Germany and the north of France, but is Westerly at some of the southern French stations. The northern depression has caused a shift of wind to South-West in Scotland. Temperature has fallen in Ireland and the south of Scotland, where frost prevails locally. In other parts of the United Kingdom the thermometer has risen decidedly and in the south and east of England the readings now range between 48° and 51°. The weather is fine in the east of Scotland and on the eastern side of the North Sea, but is cloudy or dull over Western Europe generally. Showers are falling on the east and south-east coasts of England, and steady rain in the Hebrides and the Faeröe Islands. The sea is moderate or slight generally, but rough on the Norfolk coast, and rather rough in the Min

CHARTS 1st November, 1909.

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



NOTES ON YESTERDAY'S WEATHER.

Over the greater part of the United Kingdom the thermometer yesterday failed to reach 50°, and at a number of stations it did not touch 45°; sharp frost occurred at night in Scotland and central Ireland. Over the greater part of England the day was overcast, but at many of our northern and north-western stations the duration of bright sunshine was large. Rain has again fallen over England and the north of France. A lunar halo and corona were seen last night at Castlebay. Wireless reports from the Atlantic show that as far west as the 20th meridian steamers experienced yesterday light to moderate northerly breezes, and fair weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclonic band which now stretches across these islands is likely to expand southwards, and improving weather is, therefore, probable in all our more southern districts. In the north the conditions will be influenced by the depression which has appeared in the neighbourhood of the Faeröe Islands.

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): South-Westerly to Westerly winds increasing in force; dull, some rain. Rather mild.

1: South-Westerly to Westerly winds freshening; fair at first, some rain later. Rather milder.

2 (a, b): Variable breezes, finally South-Westerly; fair generally; frost at night.

3, 4 (a, b), 5: Easterly and North-Easterly winds, falling light; fair generally, but cloudy in places; fog and frost inland at night.

6 (a, b): Same as No. 1.

7 (a, b): Same as No. 2.

8 (a, b): North-Easterly winds light; fair generally; fog and frost inland at night.

9 (a, b): Same as No. 1.

10 (a, b): North-Easterly to variable breezes; fair generally; frost inland at night.

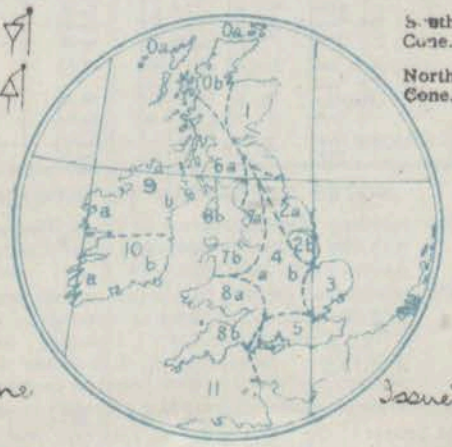
11 WESTERN CHANNEL AND BAY.
Moderate Northerly and North-Easterly winds, with fair but cloudy weather, and a moderate sea.

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.



Hour. Issued.

Weller & Graham, Ltd Litho London

DAILY WEATHER REPORT. Monday, 1st November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather	Sunshine. Hrs.	Rainfall. Ins.
Stonehaven, to 6 p.m. ...	*	*	*		
Oban, to 6 p.m.	52	25	b	8.1	-
Dublin (City), to 4 p.m....	45	31	p. bc. p. b	*	0.01
Rossall Beach, to 6 p.m.	45	24	ec. bc. c	*	-
Blackpool, to 9 p.m. ...	46	26	b	8.3	-
Southport, to 9 p.m. ...	45	27	b. bc	7.8	-
Rhyl, to 6 p.m....	47	26	b. bc	7.7	-
Colwyn Bay, to 6 p.m. ...	45	30	bc. c	8.5	-
Llandudno, to 9 p.m. ...	45	29	bm. b	6.7	-
Bettws-y-Coed, to 6 p.m.					*
Towyn, to 6 p.m.	47	31	b. bc	7.0	-
Aberystwyth, to 6 p.m. ...	46	30	*	6.7	-
Plymouth, to 9 p.m. ...	48	30	bc. cp. bc	3.7	-
Torquay, to 6 p.m.	45	31	*	0.3	0.01
Weymouth, to 6 p.m. ...	42	34	oe. r	0.0	0.16
Bournemouth, to 6 p.m. ...	42	32	d. or	0.0	0.25
Southsea, to 6 p.m.	44	36	*	0.0	0.15
Bognor, to 6 p.m.	46	35	or	0.0	0.07

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	46	35	or. m. o	0.0	0.01
Brighton, to 6 p.m. ...	50	37	*	0.0	0.02
Seaford, to 6 p.m. ...	47	35		0.1	*
Eastbourne, to 6 p.m. ...	48	37	*	0.0	0.05
Bexhill-on-Sea, to 9 p.m.	47	37	d	0.0	0.08
Hastings	*	*	*	0.0	*
Folkestone, to 6 p.m. ...	49	38	r	0.0	0.11
Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.26
Margate, to 6 p.m.	50	38	r	0.0	0.42
Felixstowe, to 6 p.m. ...			*		
Lowestoft, to 6 p.m. ...					
Skegness, to 6 p.m.... ...	47	44	c. r	0.0	0.10
Scarborough, to 6 p.m. ...	48	46		0.0	-
Harrogate, to 6 p.m. ...	42	26	bc. c. bc	4.6	-
Buxton, to 6 p.m.					
Darwen, to 9 p.m.					
Manchester, to 9 p.m. ...	45	27	b. bc. c	2.1	-
Birmingham, to 9 p.m....	42	31	c. o. c	1.3	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
31st October 1909.	*	*		Ins.
Flushing	Observations not received			
Copenhagen				
Vardö (North Cape)				
St. Petersburg				
Vienna				
Buda-Pesth				
Hermanstadt				
Trieste...				
Florence				
Rome				
Naples...				

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
31st October 1909.	°	°		Ins.
Malta	Observations not received.			
Berne				
Zurich	*	*		
Geneva	*	*		
Lugano	*	*		
30th October 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Coire	54	*	o	-
Castasegna	48	*	r	0.59
Davos	50	*	o	-
St. Gothard	32	*	s	0.63

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	Ins.				°	°	°	
H.M.S. — Oct. 31st. 4 p.m.	46.0 N	10.0 W	30.13	NNE	6	c	52	49	57	5
" " 8 p.m.	45.3 N	10.0 W	30.13	NNE	6	c	52	49	57	5
Carmania — Oct. 29th. 9 a.m.	50 N	28 W	30.31	NE	1-3	.	.	.	.	.
" " 3 p.m.	50 N	29 W	30.38	N	1-3	bc	.	.	.	.
" " 3 p.m.	50 N	33 W	30.43	SE	1-3	.	.	.	.	.
" " 6 p.m.	49 N	35 W	30.43	ESE	1-2	bc	.	.	.	.
Adriatic — Oct. 30th. 4 a.m.	51 N	25 W	30.40	N	1-3	.	.	.	.	.
" " 7 a.m.	50 N	27 W	30.42	N	1-3	b	.	.	.	.
Victorian — Oct. 30th. 3 p.m.	55 N	10 W	30.08	N	6-7	.	.	.	.	.
" " 6 p.m.	55 N	12 W	30.13	NNW	6-7	bc	.	.	.	.
Montcalm — Oct. 30th. 3 p.m.	53 N	18 W	30.35	NNW	6-7	.	.	.	.	.
" " 6 p.m.	52 N	20 W	30.34	NW	6-7	c	.	.	.	.
" " 31st. 4 a.m.	53 N	23 W	30.38	NW	4-5	.	.	.	.	.
" " 7 a.m.	54 N	24 W	30.38	WNW	4-5	o	.	.	.	.
Montfort — Oct. 30th. 3 p.m.	52 N	17 W	30.23	NW	6-7	.	.	.	.	.
" " 6 p.m.	52 N	18 W	?	NW	6-7	o	.	.	.	.
" " 31st. 4 a.m.	52 N	21 W	30.32	NW	6-7	.	.	.	.	.
" " 7 a.m.	52 N	22 W	30.34	NW	6-7	bc	.	.	.	.
Caledonia — Oct. 31st. 4 a.m.	55 N	10 W	30.23	NNE	4-5	.	.	.	.	.
" " 7 a.m.	55 N	11 W	30.3	NNE	4-5	bc	.	.	.	.

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			
Campania — Oct. 31st. 3 p.m.	51 N	11 W	30.12	NE	4-5	b
" " 6 p.m.	51 N	12 W	30.16	NNE	1-3	.
New York — Oct. 31st. 3 p.m.	50 N	10 W	30.20	NNE	4-5	o
" " 6 p.m.	50 N	11 W	30.22	NNE	4-5	
Arabic — Oct. 31st. 3 p.m.	51 N	10 W	30.23	NNE	4-5	b
" " 6 p.m.	51 N	11 W	30.27	NNE	4-5	
Lusitania — Oct. 31st. 4 a.m.	50 N	27 W	30.65	SW	1-3	.
" " 7 a.m.	50 N	28 W	30.56	SSW	1-3	b
" " 3 p.m.	51 N	20 W	30.52	NNW	4-5	b
" " 6 p.m.	51 N	18 W	30.48	N	1-3	
Nov. 1st. 2 a.m.	51 N	11 W	30.44	E	4-5	
" " 7 a.m.	51 N	9 W	30.40	NE		

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

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

(b) 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.

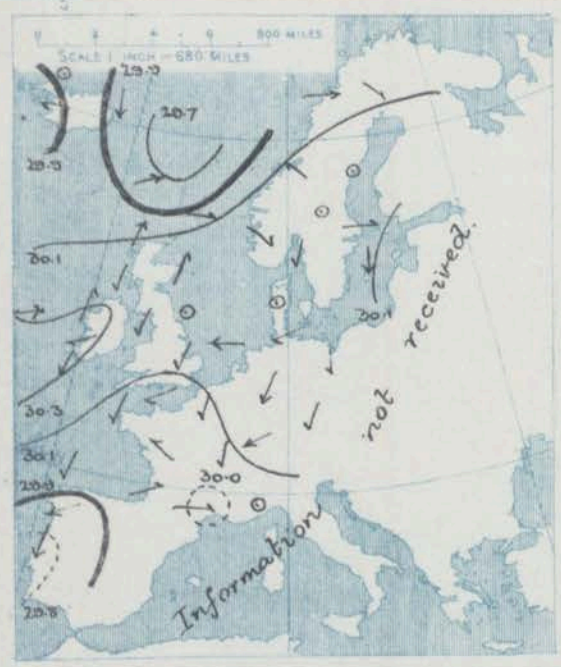
Tuesday, 2nd November, 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30.09	24	NW	2	b	30.03	-.07	20	8	-8	2	0	b	*	41	320	*	*	-
	Hernösand	? 30.17	27	2	0	b	29.97	-.23	35	32	+14	SSW	2	c	*	39	27	*	*	-
	Stockholm	30.21	37	NW	2	c	30.15	-.02	34	33	-7	SSW	2	f	*	43	?34	*	*	-
	Wisby...	30.22	45	NW	4	c	30.17	+.07	39	37	-8	SSW	2	b	*	48	39	*	*	0.04
	Karlstad	30.21	38	SSW	4	f	30.05	-.18	43	40	+6	SSW	6	r	*	*	*	*	*	-
	Færder (Christiania Fjord)	30.15	42	SW	2	b	29.92	-.30	47	45	+8	SW	6	r	3	?47	39	*	*	0.08
	Bodö	29.91	36	E	4	b	29.66	-.40	37	33	+2	E	6	b	2	?37	32	*	*	-
	Christiansund ...	29.84	45	S	2	o	29.67	-.43	40	39	+2	SW	4	r	2	45	37	*	*	0.04
	Skudesnaes ...	30.07	45	SSW	6	c	29.82	-.42	46	46	+7	SW	8	r	5	45	39	c	*	0.39
ICELAND & FAEROE.	Isafjord	29.84	30	2	0	bc	29.63	-.35	32	*	+4	2	0	c	*	*	*	*	*	*
	Reykjavik	29.7	31	E	3	c	29.64	-.19	37	*	+10	SE	5	c	*	*	*	*	*	*
	Seydisfjord... ...	29.92	30	WNW	1	bc	29.84	-.05	28	*	+1	2	0	c	*	*	*	*	*	*
	Thorshavn	29.76	35	NNE	2	c	29.85	+.15	33	*	-13	2	0	c	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.77	43	SSW	6	r	29.83	-.22	36	35	-8	N	1	o	3	44	34	o.r	*	0.31
	Stornoway	29.80	48	SSW	6	m	29.86	-.18	47	47	+2	NNE	1	r	1	50	44	odg, odm	0.0	0.33
	Castlebay (Barra Hd.)	29.89	49	SW	6	rm	29.90	-.23	52	52	+4	WNW	4	d	3	52	46	pgm, omd	0.0	0.13
	Malin Head ...	29.95	41	SSW	5	rgm	29.93	-.27	52	52	+15	W	4	fe	3	52	38	cmg, omg, f	*	0.15
	Blacksod Pt. ...	30.04	50	SSW	5	rm	30.06	-.16	52	52	+6	WSW	1	m	2	?55	45	m. odm	*	0.60
	Valencia	30.23	46	SSE	2	om	30.15	-.16	53	52	+21	SSW	2	om	3	54	32	bc, o. m	0.1	0.12
	Roche's Point ...	30.24	46	N	1	cm	30.17	-.12	49	49	+11	NW	2	o	1	50	38	cg. cp. o	*	0.01
	Birr Castle ...	30.19	42	SSW	2	o	30.09	-.21	50	49	+24	SW	2	o	*	51	26	b. o. r. o	0.1	0.14
	Donaghadee ...	30.15	42	S	3	c	29.93	-.31	49	49	+14	SSW	2	r	2	49	35	bc. or	*	0.49
	Liverpool Obsy...	30.18	43	S	2	b	30.08	-.19	47	45	+9	SSW	2	o	3	48	38	m. bm	1.2	-
	Holyhead	30.19	47	WSW	1	c	30.05	-.22	50	50	+6	SW	4	r	3	52	42	c	*	0.19
	Pembroke (St. Ann's Hd.)	30.20	48	2	0	o	30.13	-.06	50	47	+7	SW	3	ogpm	3	52	42	cgm, og	3.0	-
	Scilly (St. Mary's) ...	30.19	47	NNE	3	c	30.17	+.06	49	44	+6	N	3	c	2	53	42	c	1.0	-
	Jersey (St. Aubins) ...	30.13	53	ESE	3	o	30.16	+.08	49	48	-2	NE	1	b	1	56	47	p.cm, bmw	0.0	0.01
	Portland Bill ...	30.17	50	NE	3	bm	30.16	+.06	47	47	-1	NNW	2	bmw	2	52	45	c. bm	2.0	-
	Dungeness	30.16	52	NE	2	o	30.15	+.06	48	47	-3	N	2	o	2	53	47	o. c.	0.0	-
	Dover	*	*	*	*	*	30.18	+.01	48	45	-2	E	1	c	1	52	46	o	0.0	-
	Wick	29.84	44	S	5	r	29.83	-.29	46	45	+8	E	1	o	3	46	38	-	*	0.40
	Nairn	29.89	48	SW	3	o	29.82	-.34	47	46	+10	E	0	r	1	48	35	c. og	0.0	0.33
	Aberdeen	30.00	42	SSW	4	o	29.85	-.38	44	43	+9	SW	1	r	2	44	35	bc, c. om	0.2	0.27
	Leith	30.07	44	WSW	2	bc	29.89	-.40	48	46	+19	W	2	o	*	48	29	c. bc. bcmp	*	0.01
	North Shields ...	30.17	46	S	3	cm	29.96	-.34	48	46	+16	SW	2	c	2	48	31	p. cm	0.2	-
	Spurn Head ...	30.21	48	SSE	2	b	30.05	-.18	45	43	-4	SSW	4	c	3	52	43	cp. bc. om	*	-
	Yarmouth	30.19	49	E	2	ofd	30.15	-.03	46	44	-3	W	2	c	4	50	45	c, ompd. f. o	0.0	-
	Clacton-on-Sea ...	30.20	49	N	2	m	30.16	+.01	47	46	-3	W	2	o	0	52	45	ogm, c	0.0	-
	Nottingham ...	30.21	47	NE	1	o	30.11	-.12	44	43	+1	SW	2	c	*	51	39	b. om. o	1.8	-
	Bath	30.21	49	2	0	m	30.17	.00	40	40	-6	2	0	m	*	51	38	-	0.2	-
	Oxford	30.23	46	NNE	1	o	30.18	-.03	41	41	-5	WSW	2	of	*	50	41	c. o	*	-
	London (St. James's Pk)	30.19	51	2	0	o	30.17	+.01	46	45	-2	2	0	om	*	53	46	om. o. om	0.0	-
GERMANY, &c.	The Scaw (Skagen)	30.20	41	WNW	1	bc	30.05	-.16	44	42	-1	SW	5	o	1	46	41	*	*	-
	Fanö	30.26	36	NE	2	bc	30.12	-.16	42	42	+9	S	2	o	*	46	32	*	*	-
	Cuxhaven†	30.27	46	NE	2	b	30.17	-.09	35	93	-9	S	2	o	*	48	34	b. fx	*	-
	The Helder ...	30.24	47	SE	1	c	30.15	-.09	44	44	-2	SSW	2	m	1	48	45	*	*	-
	Brussels	*	*	*	*	*	30.18	+.03	45	45	0	2	0	f	*	51	44	c	*	-
	Berlin†	30.23	48	2	0	o	30.18	.00	48	92	+1	2	0	o	*	52	47	*	*	-
	Frankfurt†	30.17	50	NE	3	o	30.15	+.02	49	88	+1	NE	3	o	*	52	48	*	*	-
	Munich†	30.18	46	2	0	o	30.16	+.04	44	100	0	E	1	f	*	48	43	*	*	-
FRANCE.	C. Gris Nez ...	30.23	49	E	3	m	30.17	+.07	47	46	+1	2	0	o	0	54	45	*	*	-
	La Hève	30.14	46	ENE	3	m	30.17	+.04	47	45	+1	E	3	m	1	48	43	*	*	-
	Brest	30.15	51	NE	2	b	30.15	+.11	50	48	+2	ENE	2	m	1	54	43	*	*	-
	Lorient	?	52	NE	3	b	?	?	50	49	+2	NE	4	c	3	55	46	*	*	-
	Rochefort	29.98	62	NE	3	c	30.01	+.03	51	51	+7	ENE	4	m	*	63	41	c	*	-
	Biarritz	29.97	51	ENE	2	r	29.91	-.09	48	48	0	E	2	o	2	50	43	*	*	0.20
	Paris	30.13	62	NNE	2	c	30.17	+.10	41	41	-2	N	2	b	*	55	40	*	*	-
	Belfort...	30.18	43	ENE	4	f	30.15	+.02	45	?	0	ENE	5	f	*	?	?	*	*	?
	Lyons	30.11	52	NNW	3	b	30.12	+.06	45	45	-5	N	1	f	*	60	44	*	*	-
	Nice	30.04	58	2	0	bc	30.02	-.02	54	48	-4	E	5	b	3	?66	50	*	*	-
	Perpignan	30.01	54	2	0	thr	29.93	-.05	54	54	+2	2	0	thr	*	56	52	*	*	1.14
	Sauguinaire ...	29.97	64	W	2	o	29.93		64	60		E	2	o	3	72	54	*	*	-
SPANISH PENIN.	Corunna																	*	*	
	Lisbon																	*	*	
	Azores (P. Delgada)...														*			*	*	
	" Horta ...	30.34	63	NE	4	c	30.28	-.14	62	54	0	N	2	o	2	66	61	*	*	-

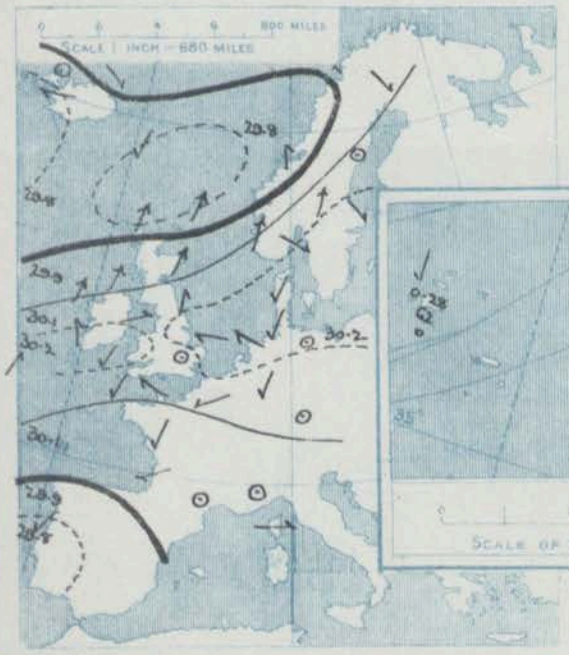
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

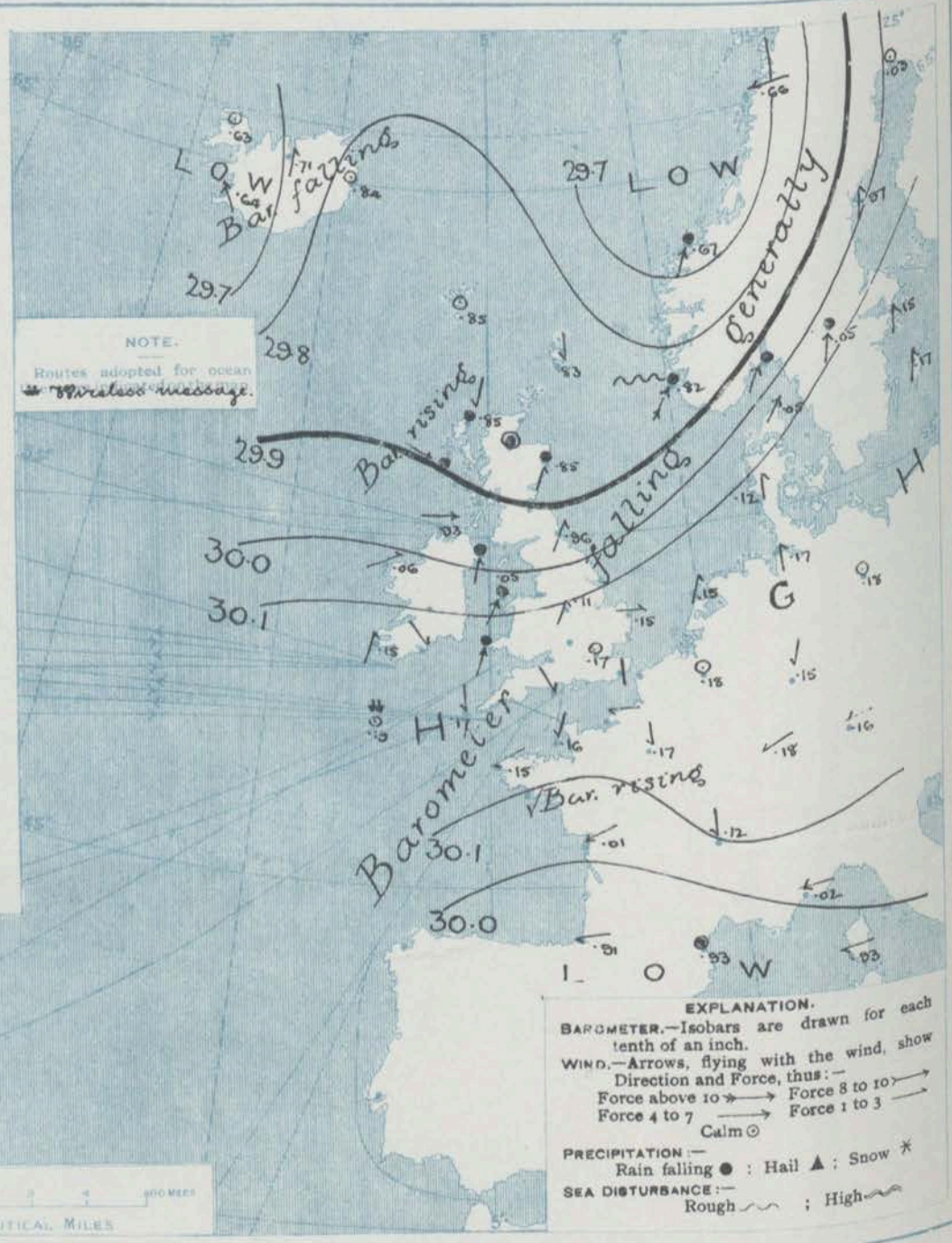


6 P.M. YESTERDAY



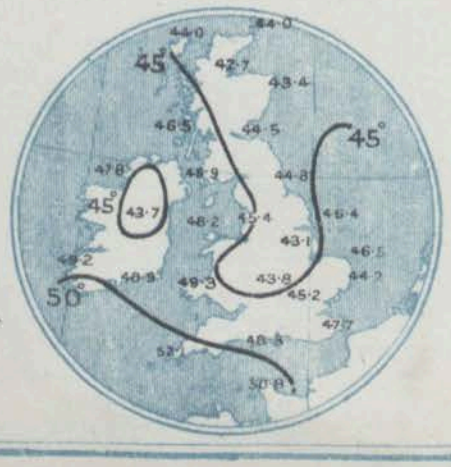
Tuesday. **WEATHER** 2nd Nov.r

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



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

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



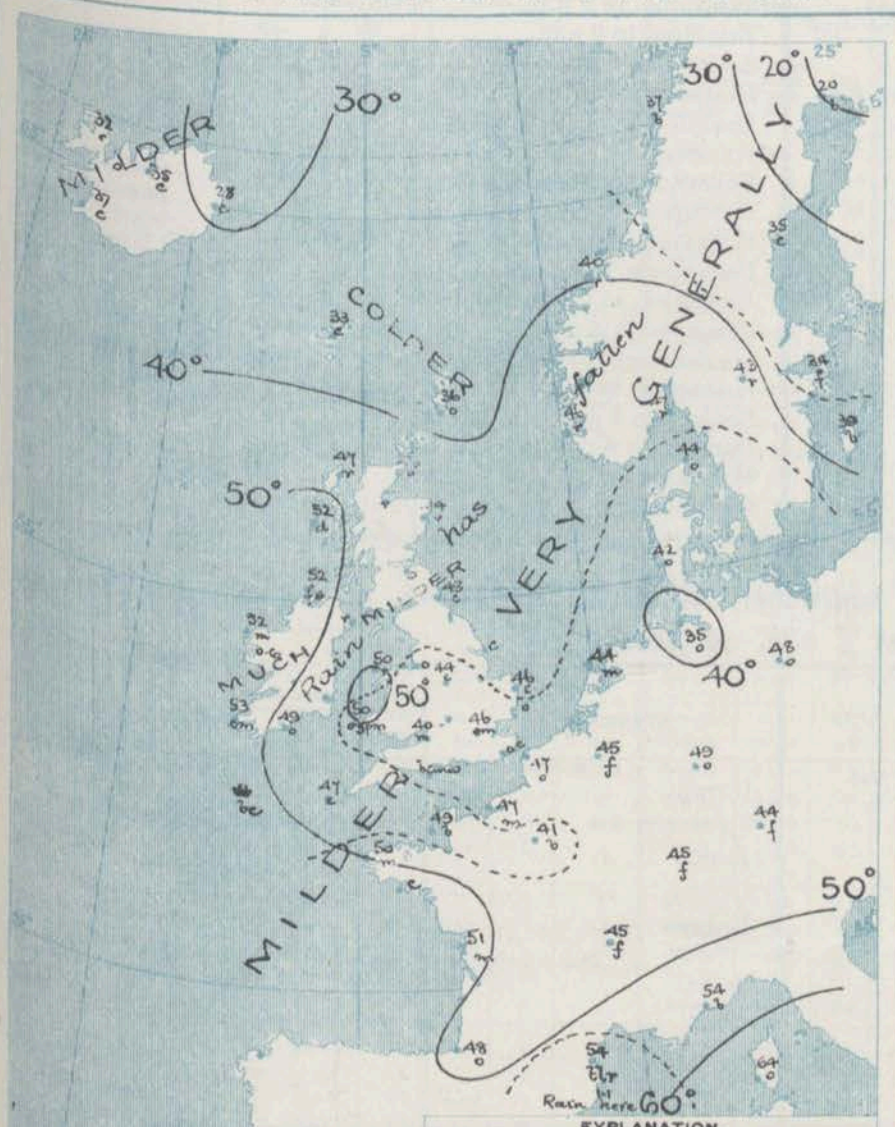
NOTES ON THE GENERAL SITUATION AT 7 A.M

The depression noticed yesterday in the neighbourhood of the Faröe Islands has moved eastward to the upper part of the Norwegian coasts, but has at the same time extended in a southerly direction, and the barometer is now falling in most parts of North-Western Europe. A new depression is approaching Iceland from the westward.

The wind has shifted to the South-Westward over a large portion of North-Western Europe, and is strong to a gale in force in the south of Norway. On the south coasts of England it is light from the northward, while in France it draws into North-East and East. Temperature has risen very decidedly in the western and northern parts of the United Kingdom, and is now slightly above 50° in the west of Ireland and the southern Hebrides; over central England the readings are below 45°, and at Bath the thermometer is no higher than 40°. The continental values range from 54° at Nice, and 51° at Rochefort to 35° and less at some of the Swedish stations and to 20° at Haparanda. The weather is fine in France, but cloudy or dull over Western Europe generally, with rain at several of our more western and northern stations, as well as in Norway. The sea is slight or smooth generally.

CHARTS 2nd November 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.

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): Variable breezes, finally South-Westerly; cloudy, changeable, some rain; rather mild.

1: South-Westerly and Westerly winds, light or moderate; mild, unsettled, occasional rain.

2 (a, b), 3, 4 (a, b): Westerly and South-Westerly winds, light or moderate; fair at first, some rain later; becoming milder.

5: Light Winds, shifting to the Westward or South-Westward; fair to-day, some rain tonight or to-morrow; becoming milder.

6 (a, b): Same as No. 0.

7 (a, b), 8 (a, b), 9 (a, b), 10 (a, b): South-Westerly winds, light or moderate; mild, unsettled, occasional rain.

11 WESTERN CHANNEL AND BAY.

Light South-Westerly winds mouth Channel and upper part Bay, with showery weather; North-Easterly breezes, and fair weather further South. Sea moderate generally.

Notes on Yesterday's Weather

During yesterday the thermometer rose to 50° and upwards at most of the English stations, at Aberdeen it did not exceed 44°. The amount of bright sunshine was generally very small, but in North Wales between 5 and 7 hours were recorded. Rain has fallen in Ireland and North Britain. Wireless reports from the Atlantic show that as far west as the 23rd meridian steamers experienced yesterday light to fresh breezes between South-West and North-West, with overcast weather, and rain in places.

General Inference from the 7 A.M. Observations.

Low pressure systems are beginning to spread over these Islands from the north-westward, and a changeable South-Westerly type of weather is likely to become general. Rain will probably extend to all parts of the country in the course of the ensuing 24 hours, and a decided rise of temperature will take place over eastern and central England.

Forecast Districts.

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

Signals hoisted yesterday.

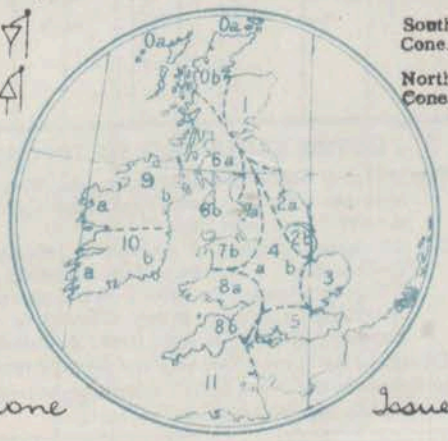
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



None Issued.

Weller & Graham Ltd Litho. London

DAILY WEATHER REPORT. Tuesday, 2nd November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	47	29	o. c. b	0.0	0.03
Dublin (City), to 4 p.m....	46	30	bc. g. bc	-	-
Rossall Beach, to 6 p.m.	47	33	b. m	-	-
Blackpool, to 9 p.m. ...	47	31	o. m	0.4	-
Southport, to 9 p.m. ...	45	34	b. bc. o. bc	1.3	-
Rhyl, to 6 p.m....	50	36	b. bc. o	3.3	-
Colwyn Bay, to 6 p.m. ...	49	41	b. bc	5.0	-
Llandudno, to 9 p.m. ...	51	42	b. o. bc. b	4.8	-
Bettws-y-Coed, to 6 p.m.	47	30	b	2.7	*
Towyn, to 6 p.m.	58	38	bc. b	7.1	-
Aberystwyth, to 6 p.m. ...	54	45	*	6.0	-
Plymouth, to 9 p.m. ...					
Torquay, to 6 p.m.	52	39	*	0.6	0.13
Weymouth, to 6 p.m. ...	54	41	p. bc. o. b	2.0	0.10
Bournemouth, to 6 p.m. ...	52	38	o. c. bc. b	1.3	-
Southsea, to 6 p.m.	52	44	*	1.6	0.03
Bognor, to 6 p.m.	52	42	o. c	0.0	0.14

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	52	45	r. o	0.0	0.14
Brighton, to 6 p.m. ...	53	43	*	0.0	0.03
Seaford, to 6 p.m. ...	52	46	c	0.1	0.15
Eastbourne, to 6 p.m. ...	52	47	*	0.0	0.22
Bexhill-on-Sea, to 9 p.m.	52	46	cg	0.0	0.06
Hastings	*	*	*	0.0	*
Folkestone, to 6 p.m. ...	52	48	o	0.0	0.03
Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.25
Margate, to 6 p.m.	52	46	r. o	0.0	0.13
Felixstowe, to 6 p.m. ...	51	43	*	0.0	0.30
Lowestoft, to 6 p.m. ...	50	47	or. c. or. o	1.8	0.21
Skegness, to 6 p.m.... ...	50	46	r. c. bc. b	0.5	0.14
Scarborough, to 9 p.m. ...	52	39	o. c. og	0.0	0.22
Harrogate, to 6 p.m. ...	47	36	bc. o	0.8	-
Buxton, to 6 p.m.	47	33	c. og	1.5	0.25
Darwen, to 9 p.m.	50	31	bc. m. or. g. bc		
Manchester, to 9 p.m. ...				0.0	0.03
Birmingham, to 9 p.m....	47	40	o		

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
1st November 1909.				
Madeira	*	*		
Marseilles	Observations not received			
Malta				
Algiers...				
Tunis				
Palermo				
Naples...				
Brindisi				
Rome				
Vienna...				
St. Petersburg				

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
1st November 1909.				
Utrecht	°	°		
Groningen	Observations not received			
Zurich...	*	*		
Geneva	*	*		
Lugano	*	*		Measured 7.30 a.m.
31st October 1909.	1.30 p.m.		1.30 p.m.	
Berne		*		
Coire	Observations not received			
Castasegna...		*		
Davos		*		

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
New York — Nov. 1st 4 a.m.	50 N	18 W	30.30	NW	4-5	-	.	.	.	.
" " 7 a.m.	50 N	18 W	30.30	NW	4-5	r	.	.	.	.
Arabic — Nov. 1st 4 a.m.	51 N	16 W	30.31	WSW	1-3	-	.	.	.	.
" " 7 a.m.	51 N	17 W	30.30	WSW	4-5	o	.	.	.	.
Oceanic — Nov. 1st 4 a.m.	49 N	25 W	30.30	SSW	4-5	-	.	.	.	.
" " 7 a.m.	49 N	23 W	30.31	SW	1-3	o	.	.	.	.
" " 3 p.m.	49 N	18 W	30.27	W	1-3	-	.	.	.	.
" " 6 p.m.	49 N	17 W	30.25	SW	1-3	o	.	.	.	.
" 2nd 4 a.m.	49 N	11 W	30.21	SW	1-3	-	.	.	.	.
" " 7 a.m.	49 N	10 W	30.19	2	0	bc	.	.	.	.

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

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

(b) 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.

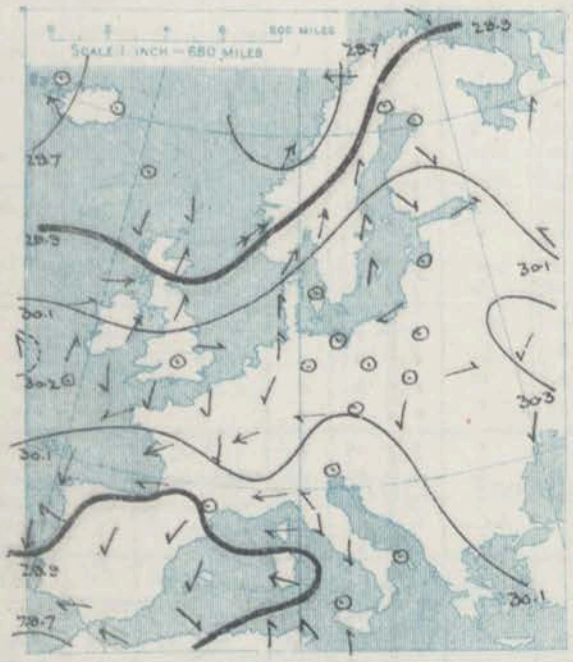
Wednesday, 3rd November, 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb	Wind. Direc.	Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Temperature. Dry Bulb	Wet Bulb	Change since Yesterday.	Wind. Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda ...	29.97	26	NE	1	c	29.91	-.12	30	30	+10	ENE	4	s	•	30	19	•	•	0.04
	Hernösand ...	29.82	33	2	0	bc	29.84	-.13	28	28	-1	2	0	f	•	37	23	•	•	-
	Stockholm ...	29.95	41	SW	2	0	29.81	-.34	41	40	+7	SW	2	r	•	43	34	•	•	-
	Wisby ...	29.99	43	S	2	c	29.76	-.41	45	43	+6	WNW	4	0	•	48	43	•	•	0.24
	Karlstad ...	29.83	44	SW	6	r	29.85	-.20	40	39	-3	NNW	4	0	•	•	•	•	•	0.24
	Færder (X'tania Fjord)	29.76	48	WSW	4	0	29.89	-.03	39	34	-8	NNW	5	b	2	48	39	•	•	0.08
	Bodö ...	29.73	36	E	4	bc	29.95	+.27	35	32	-2	E	2	b	1	37	32	•	•	-
	Christiansund ...	29.78	42	SW	6	r	29.94	+.29	44	41	+4	WNW	2	0	3	45	39	•	•	0.51
	Skudesnaes ...	29.88	41	N	2	b	30.00	+.18	38	35	-8	N	4	b	3	46	37	o, b	•	0.12
ICELAND & FAEROE.	Isafjord ...	29.55	41	2	0	c	29.12	-.51	42	•	+10	2	0	r	•	•	•	•	•	•
	Reykjavik ...	29.48	41	SE	3	r	29.18	-.46	42	•	+5	S	3	c	•	•	•	•	•	•
	Seydisfjord ...	29.73	32	2	0	c	29.41	-.43	40	•	+12	2	0	0	•	•	•	•	•	•
	Thorshavn ...	29.93	37	2	0	0	29.80	-.05	44	•	+11	SE	5	r	•	•	•	•	•	•
BRITISH ISLANDS.	Sumburgh Head	29.97	37	N	1	0	29.99	+.16	43	41	+7	S	3	r	3	47	34	b, o	•	0.05
	Stornoway ...	29.93	49	2	0	r	29.99	+.14	49	49	+2	W	3	bc	3	52	47	odbm, om, c	0.0	0.06
	Castlebay (Barra Hd.)	29.96	52	WNW	3	dm	30.01	+.11	52	52	0	W	3	c	3	53	50	om, dm, ob, c	0.0	0.06
	Malin Head ...	30.03	52	SW	4	fc	30.09	+.16	50	50	-2	SSW	2	bcm	2	52	50	fc, bm, f	•	0.02
	Blacksod Pt. ...	30.10	52	WSW	2	fd	30.15	+.09	51	51	-1	SW	2	m	2	53	51	fd, bc	•	0.02
	Valencia ...	30.19	51	2	0	m	30.20	+.05	51	50	-2	N	1	f	3	54	49	om, md	0.0	0.02
	Roche's Point ...	30.14	54	W	3	cm	30.18	+.01	50	50	+1	NW	2	o	2	56	49	om, o, c, o	•	-
	Birr Castle ...	30.12	52	SW	2	age	30.19	+.10	48	47	-2	2	0	of	•	55	46	age, of	0.0	0.01
	Donaghadee ...	30.05	53	SSW	1	o	30.12	+.14	53	53	+4	WNW	1	o	1	55	49	o	•	0.03
	Liverpool Obsy. ...	30.09	51	WSW	4	o	30.11	+.03	50	49	+3	WSW	2	m	2	52	49	o, od	0.0	0.06
	Holyhead ...	30.09	53	WNW	2	omp	30.11	+.06	53	53	+3	N	2	o	1	53	49	o, omp	•	0.13
	Pembroke (St. Ann's Hd.)	30.08	53	NNW	3	o	30.11	-.02	53	52	+3	NNW	1	ogw	2	55	49	ogmp, ogm	0.0	0.01
	Scilly (St. Mary's) ...	30.14	52	W	1	bc	30.11	-.06	52	49	+5	NNW	3	c	1	55	?47	bc	6.0	-
	Jersey (St. Aubins) ...	30.11	51	NNW	2	b	30.05	-.11	54	53	+5	NNW	1	o	1	52	45	b, bm, dm	4.3	0.01
	Portland Bill ...	30.08	53	W	2	o	30.04	-.12	53	52	+6	NW	2	o	1	54	46	bc, o, p	4.3	0.07
	Dungeness ...	30.05	53	WSW	3	bc	30.02	-.13	51	50	+3	N	3	m	2	56	47	c, bc, of	4.6	-
	Dover ...	•	•	•	•	•	30.07	-.11	50	50	+2	N	1	m	1	52	46	c, bc, of	5.3	-
	Wick ...	29.96	46	E	1	o	29.98	+.15	48	47	+2	S	1	r	1	48	44	-	•	0.12
	Nairn ...	29.95	48	2	0	f	29.98	+.16	52	52	+5	W	2	o	1	52	42	o, om, m	0.0	0.06
	Aberdeen ...	29.98	48	NNE	1	o	30.02	+.14	49	48	+5	SSW	1	o	2	54	43	o, bc, op, m	2.5	0.05
	Leith ...	29.95	53	W	3	o	30.04	+.15	52	51	+4	W	2	bcm	•	57	45	om, omp	•	0.01
	North Shields ...	29.97	52	W	3	c	30.06	+.10	52	51	+4	WNW	1	o	2	54	46	r, c	0.7	0.07
	Spurn Head ...	29.97	50	NW	3	o	30.05	.00	49	49	+4	N	1	f	2	50	45	om, fw	•	-
	Yarmouth ...	30.01	49	W	2	bcm	30.02	-.13	50	50	+4	2	0	om	2	53	45	bc, bcm, of	1.3	0.02
	Clacton-on-Sea ...	30.05	50	WSW	2	o	30.03	-.13	50	50	+2	W	1	m	0	53	47	og, bcm	2.9	0.01
	Nottingham ...	30.02	50	SW	1	o	30.06	-.05	52	52	+8	NW	1	om	•	54	44	c, omc, dm, o	0.0	0.01
	Bath ...	30.10	50	W	1	m	30.10	-.07	51	51	+1	2	0	m	•	54	44	-	2.2	-
	Oxford ...	30.07	49	WSW	2	o	30.09	-.09	52	52	+11	NNW	1	odgm	•	52	40	or	•	0.02
	London (St James's Pk)	30.07	50	WSW	1	o	30.06	-.11	52	52	+6	NNE	1	omc	•	55	44	b, bc, og, ge	3.6	0.01
GERMANY, &c.	The Scaw (Skagen)	29.81	46	WSW	4	r	29.83	-.22	45	44	+1	NNE	4	o	1	48	43	•	•	0.32
	Fanö ...	29.89	47	W	2	o	29.91	-.21	42	41	0	NW	4	b	•	48	41	•	•	0.24
	Cuxhaven† ...	30.00	46	S	2	o	29.93	-.24	49	46	+14	N	2	c	•	49	?35	•	•	0.04
	The Helder ...	30.00	51	WSW	3	o	30.02	-.13	50	49	+6	NNE	1	o	1	52	44	•	•	-
	Brussels ...	•	•	•	•	•	30.02	-.16	45	45	0	SW	1	r	•	51	42	•	•	0.04
	Berlin† ...	30.04	49	2	0	o	29.97	-.21	47	43	-1	?W	2	o	•	50	46	•	•	0.12
	Frankfurt† ...	30.05	49	NW	2	o	29.99	-.16	44	87	-2	W	1	o	•	52	46	•	•	-
	Munich† ...	30.05	45	NE	2	o	30.01	-.15	43	100	-1	N	1	r	•	48	43	•	•	-
FRANCE.	C. Gris Nez ...	30.08	53	S	2	c	30.02	-.15	52	52	+5	N	4	m	2	54	?47	•	•	-
	La Hève ...	30.13	50	ESE	1	b	30.09	-.08	49	47	+2	NE	1	m	1	54	46	•	•	-
	Brest ...	30.16	52	NE	3	m	30.11	-.04	53	53	+3	NE	3	o	2	59	48	•	•	-
	Lorient ...	?	52	NE	4	b	?	?	51	50	+1	NNE	1	o	1	55	46	•	•	-
	Rochefort ...	30.00	56	ENE	4	b	29.99	-.02	48	47	-3	ENE	4	o	•	63	46	b	•	-
	Biarritz ...	29.90	54	2	0	r	29.93	+.02	52	52	+4	ENE	2	o	2	55	45	•	•	0.04
	Paris ...	30.09	47	NNE	2	c	30.05	-.12	46	45	+5	NNE	1	o	•	56	?41	•	•	-
	Belfort ...	30.07	46	ENE	4	m	30.04	-.11	42	41	-3	ENE	4	m	•	60	42	•	•	-
	Lyons ...	30.06	42	N	1	o	?30.00	-.12	45	44	0	NNW	2	o	•	47	44	•	•	0.04
	Nice ...	?30.04	60	2	0	c	29.82	-.20	54	51	0	2	0	c	1	66	52	•	•	-
	Perpignan ...	29.88	54	SW	1	fbr	29.86	-.07	53	53	-1	SW	1	o	•	56	52	•	•	2.40
	Sanguinaire ...	29.92	65	SW	3	o	29.82	-.11	61	58	-3	SW	4	o	3	68	52	•	•	-
SPANISH PENIN.	Corunna ...																	•	•	
	Lisbon ...																	•	•	
	Azores (Delgada) ...														•			•	•	
	" Horta ...	30.23	59	WNW	1	o	30.16	-.12	66	59	+4	SSW	4	o	3	66	59	•	•	-

For NOTES see Page 4.

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

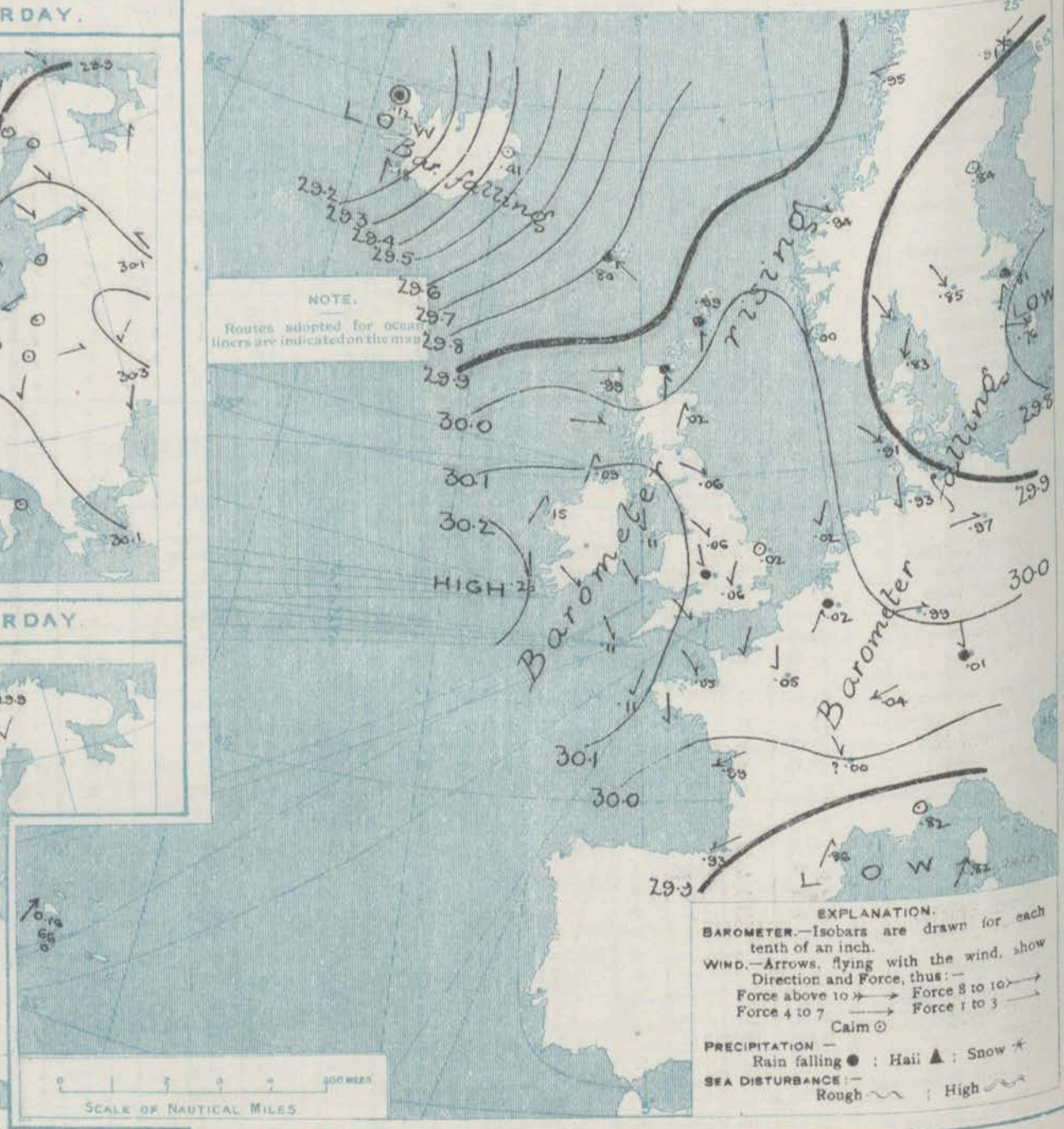
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

Wednesday. **WEATHER** 3rd Nov.

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



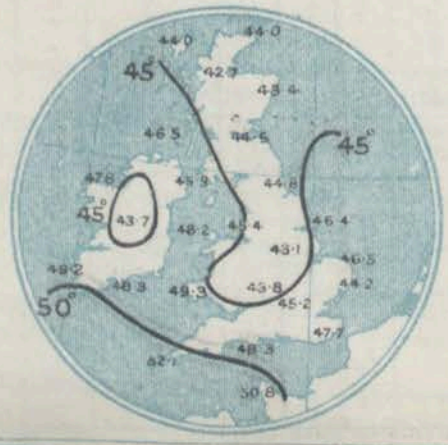
NOTES ON THE GENERAL SITUATION AT 7 A.M

An intercyclone now extends from the Atlantic over the western parts of the United Kingdom, and the barometer is at present rising slowly on all but our extreme southern coasts. A deep depression is lying to the westward of Iceland, and a shallow disturbance is found over the upper part of the Baltic.

The wind is light from between East and South in Scotland and the north of Ireland, and is South-Easterly in Iceland and the Faröe Islands. Over England and the south of Ireland light Northerly or North-Westerly breezes prevail, while in France the wind is chiefly North-Easterly. A cyclonic circulation of light to moderate breezes exists round the Baltic depression. Temperature has risen over the whole of Great Britain, and is now slightly above 50° over the United Kingdom generally. In South Germany and the east of France the readings are below 45°, and in the south of Norway they are below 40°; slight frost prevails in the northern parts of Sweden. Dull, misty weather is reported over Western Europe generally, and rain is falling in Caithness and Shetland, as well as at many of the Continental stations and at Thorshavn and Seafjord. Snow is falling at Haparanda. The sea is slight or smooth generally.

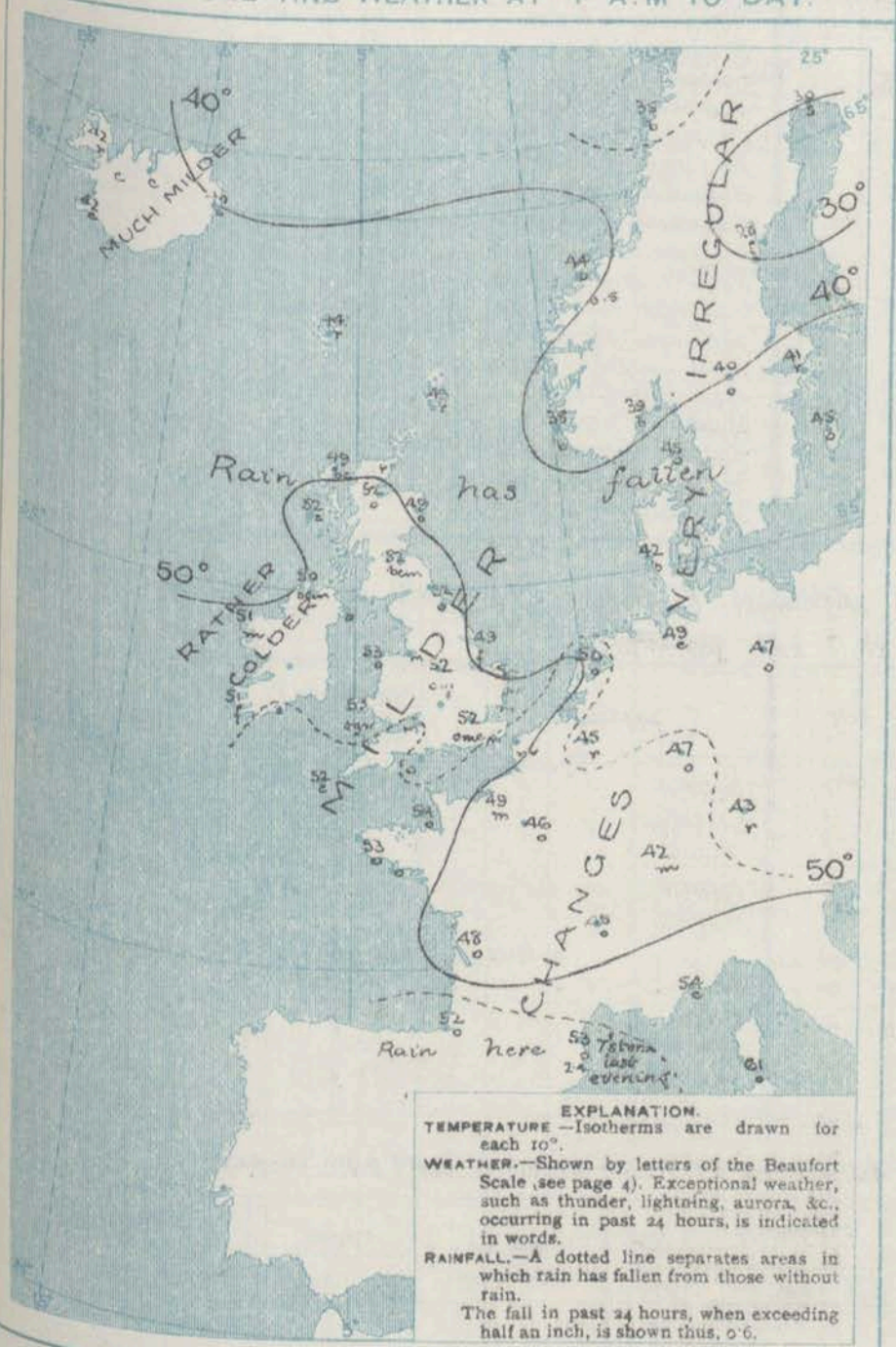
AVERAGES OF TEMPERATURE AT 8 A.M. FOR THE TWO-MONTHLY PERIOD OCTOBER – NOVEMBER.

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



CHARTS 3rd November, 1909.

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



FORECASTS

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b): South-Westerly winds, freshening; mild, changeable, some rain.

1, 2 (a, b): Westerly and South-Westerly winds, light; cloudy generally, but misty in places; mild at first, cooler later.

3, 4 (a, b), 5: Northerly and North-Westerly winds, light; dull and misty; mild at first, cooler later.

6 (a, b): South-Westerly winds, light or moderate; fair at first, some rain later; continuing mild.

7 (a, b), 8 (a, b): Same as Nos. 3 to 5.

9 (a, b): Same as No. 6.

10 (a, b): Northerly to Westerly winds, light; cloudy, with mist or fog in places; rather cooler.

11 WESTERN CHANNEL AND BAY.

Light Northerly to North-Easterly winds, and a slight sea; mild and dull, with mist or fog in places.

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to between 50° and 55° over the United Kingdom generally, and slightly above 55° at some of the Channel stations, as well as at Leith. Between 6 and 8 hours of bright sunshine were recorded on the Sussex coast, but in other localities the duration was small, and over Northern and Central England the day was sunless. Slight rain has fallen in most places. Wireless reports from the Atlantic show that as far west as the 10th meridian steamers experienced yesterday light Southerly breezes, and fair weather.

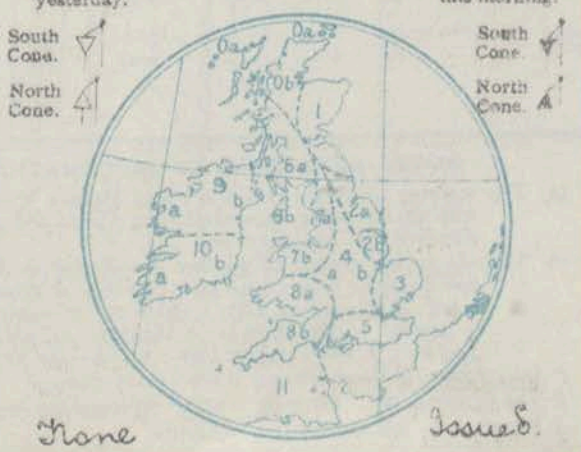
GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclone which has spread in from the Atlantic will continue for the present to dominate the weather in all but the more Northern parts of the Kingdom, where the conditions will be affected to some extent by the depression which lies over the Icelandic region. Cloud and mist are likely, however, to prevail somewhat generally; temperature will fall gradually to about its normal level for the season.

FORECAST DISTRICTS.

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

Signals hoisted yesterday. Signals hoisted this morning.



None. Issued.

Weller & Graham, Ltd. Litho. London.

DAILY WEATHER REPORT. Wednesday, 3rd November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	55	39	or	0.0	0.13
Dublin (City), to 4 p.m....	56	42	c. or g. og	-	0.03
Rossall Beach, to 6 p.m.	50	36	m. c. r. em	-	0.02
Blackpool, to 9 p.m. ..	50	36	odgm. o	0.0	0.03
Southport, to 9 p.m. ...	51	37	or. o	0.0	0.10
Rhyl, to 6 p.m....	53	35		0.0	0.02
Colwyn Bay, to 6 p.m. ..	55	44	bc. o	0.0	-
Llandudno, to 9 p.m. ...	53	41	b. od. o	0.0	-
Bettws-y-Coed, to 6 p.m.	56	42	c	0.0	-
Towyn, to 6 p.m.	52	40	r. o. r. om	0.0	0.43
Aberystwyth, to 6 p.m ...	54	42	x	0.0	0.10
Plymouth, to 9 p.m. ..					
Torquay, to 6 p.m.	57	39	*	4.3	-
Weymouth, to 6 p.m. ...	53	38	m. c. bc. o	4.3	-
Bournemouth, to 6 p.m....	52	36	fr. bc. b. d	2.4	0.01
Southsea, to 6 p.m.	50	43		1.5	-
Bognor, to 6 p.m.					

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	57	42	m. b. c	6.7	-
Brighton, to 6 p.m. ...	57	44	*	6.4	-
Seaford, to 6 p.m. ...	56	43	c. b	6.1	-
Eastbourne, to 6 p.m. ...	57	42	*	6.0	-
Bexhill-on-Sea, to 9 p.m.	56	47	m	5.3	-
Hastings	*	*	*	4.9	-
Folkestone, to 6 p.m. ...	54	46	b. bc	4.7	-
Ramsgate, to 6 p.m. ...	*	*	*	4.0	-
Margate, to 6 p.m.... ...	54	47	b. m	3.7	-
Felixstowe, to 6 p.m. ...	53	44	*	2.1	-
Lowestoft, to 6 p.m. ...	54	42	c. bc. o	0.3	0.01
Skegness, to 6 p.m.... ...	50	42	cm. m	0.0	-
Scarborough, to 9 p.m. ...	58	41	o	0.0	0.01
Harrogate, to 6 p.m. ...	52	40	of. c	0.0	0.05
Buxton, to 6 p.m.	48	41	c. od. of	0.0	0.14
Darwen, to 9 p.m.	50	38	c. m. odm	0.0	0.06
Manchester, to 9 p.m. ...	52	39	by. od	0.0	-
Birmingham, to 9 p.m....	51	40	om		

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
2nd Nov. 1909				Ins.
Madeira	64	42	c. r	-
Marseilles	66	50	o. c	-
Malta	73	67	o	-
Algiers...	75	64	o. c	-
Tunis	73	61	bc. f	-
Palermo	73	57	o. o	-
Naples...	69	61	o. o	-
Brindisi	72	59	r. c	-
Rome	70	58	b. o	-
Vienna...	55	48	o. o	-
St. Petersburg	45	37	r. c	-

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
2nd. Nov. 1909				Ins.
Utrecht	48	43	o. f	-
Groningen	48	43	bc. f	-
Zurich..	*	*	bc. o	-
Geneva	-	-	bc. o	-
Lugano	-	*	o. b	-
1st. Nov. 1909.	1.30 p.m.		1.30 p.m.	Measurement 7.30 a.m.
Berne	54		bc	-
Coire	54	-	o	0.08
Castasegna...	54	*	o	-
Davos	52	s	b	

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

Ship, and Hour of Observation.		Position. Lat. °	Position. Long. °	Reading of Barometer Ins.	Wind. Direc.	Wind. Force	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Caledonia	Nov. 1st. 4 a.m.	54 N	21 W	30.08	WSW	6-7	-	.	.	.	.
	" " 7 a.m.	54 N	22 W	30.05	WSW	6-7	m	.	.	.	.
	" " 3 p.m.	54 N	26 W	29.98	SW	6-7	-	.	.	.	.
	" " 6 p.m.	54 N	27 W	29.92	SSW	6-7	m	.	.	.	.
Lake Michigan	Nov. 1st. 4 a.m.	53 N	29 W	30.05	SSW	6-7	-	.	.	.	.
	" " 7 a.m.	53 N	28 W	30.05	SSW	6-7	m	.	.	.	.
	" " 3 p.m.	52 N	26 W	30.07	SW	4-5	-	.	.	.	.
	" " 6 p.m.	52 N	25 W	30.07	SW	4-5	m	.	.	.	.
New York	Nov. 1st. 3 p.m.	50 N	22 W	30.29	WSW	4-5	-	.	.	.	.
	" " 6 p.m.	50 N	23 W	30.23	WSW	4-5	o	.	.	.	.
Arabic	Nov. 1st. 3 p.m.	51 N	10 W	30.26	WSW	4-5	-	.	.	.	.
	" " 6 p.m.	51 N	11 W	30.25	WSW	4-5	o	.	.	.	.

Ship, and Hour of Observation.		Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc	Wind. Force
Empress of Ireland	Oct. 31st 3 p.m.	50 N	35 W	30.18	S	6-7
	" " 6 p.m.	50 N	34 W	30.20	S	6-7
	Nov. 1st 4 a.m.	50 N	29 W	30.27	SSW	4-5
	" " 7 a.m.	50 N	28 W	30.23	SSW	4-5
	" " 3 p.m.	51 N	24 W	30.28	S	1-3
	" " 6 p.m.	51 N	22 W	30.22	SSE	4-5
	" 2nd 4 a.m.	51 N	18 W	30.28	S	1-3
	" " 7 a.m.	51 N	16 W	30.21	SSE	1-3
	" " 3 p.m.	51 N	12 W	30.24	NE	1-3
	" " 6 p.m.	51 N	11 W	30.19	NE	1-3

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6 51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(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 November, 1909.

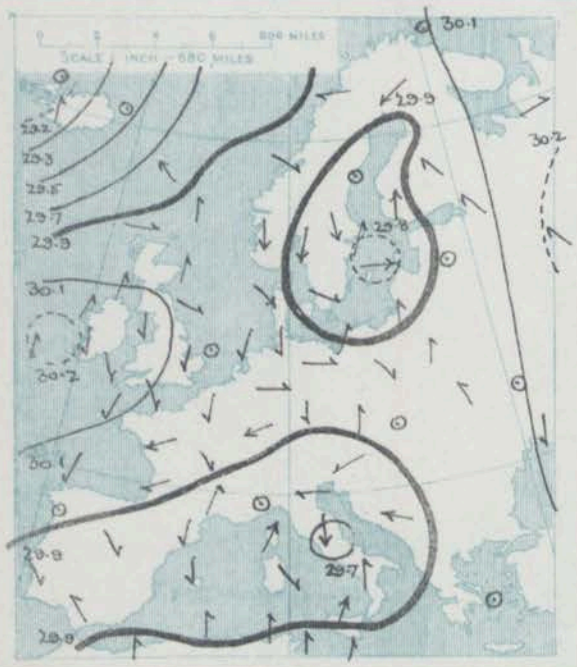
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	30.12	33	E	2	r	30.20	+.29	21	21	-9	N	2	bc	*	34	?21	*	*	0.08
	Hernösand	30.00	33	S	4	o	30.07	+.23	33	32	+5	S	0	s	*	34	27	*	*	-
	Stockholm	29.81	37	NW	6	r	29.90	-.00	36	35	-5	NNW	4	r	*	41	36	*	*	0.12
	Wisby	29.76	43	NW	8	o	29.81	+.05	42	40	-3	N	9	o	*	46	34	*	*	0.24
	Karlstad	30.00	37	NNW	4	b	30.08	+.23	31	29	-9	NNW	2	b	*	*	*	*	*	-
	Færder (X'tania Fjord)	30.00	45	N	3	b	30.07	+.18	40	35	+1	NE	1	c	1	45	39	*	*	-
	Bodö	30.09	32	E	2	b	30.01	+.06	35	32	0	E	2	b	1	36	30	*	*	-
	Christiansund ...	30.05	42	S	0	b	29.95	+.01	42	39	-2	SSE	3	o	3	46	37	*	*	0.04
	Skudesnaes ...	30.06	41	N	2	o	30.04	+.04	44	44	+6	SSE	2	r	2	45	36	6.0	*	0.16
ICELAND & FAEROE.	Isafjord	29.05	39	SW	4	r	?29.56	+.44	30	*	-12	NE	5	o	*	*	*	*	*	*
	Reykjavik	29.23	39	SW	6	r	29.45	+.27	36	*	-6	S	3	bc	*	*	*	*	*	*
	Seydisfjord	29.35	45	SW	4	b	29.45	+.04	43	*	+3	WSW	5	b	*	*	*	*	*	*
	Thorshavn	29.76	50	W	6	r	29.84	+.04	47	*	+3	WNW	3	o	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.94	50	W	2	o	30.00	+.01	48	48	+5	W	1	o	1	50	41	r.o	*	0.32
	Stornoway	30.02	53	SW	2	o	30.04	+.05	51	51	+2	WSW	1	r	0	55	49	c.o, o.p, dm	1.2	0.11
	Castlebay (Barra Hd.)	30.12	55	SW	3	o	30.09	+.05	52	52	0	SSW	2	o	3	55	51	c. bc. o	2.8	-
	Malin Head ...	30.13	52	SW	1	cgm	30.13	+.04	50	49	0	S	1	ogm	1	53	47	cgm, bc, om	*	0.02
	Blacksod Pt. ...	30.15	53	WSW	2	c	30.14	-.01	52	51	+1	?WSW	2	c	3	54	50	o. c. bc	*	-
	Valencia	30.18	53	W	0	o	30.15	-.05	53	50	+2	NW	1	o	3	56	50	of. bc. ogm	0.9	-
	Roche's Point ...	30.19	55	N	1	c	30.19	+.01	50	50	0	N	1	c	1	61	50	om. c. o, cm	*	-
	Birr Castle ...	30.18	50	S	0	o	30.18	-.01	48	47	0	WSW	1	c	*	55	46	o. p. c	0.0	0.01
	Donaghadee ...	30.15	53	SSW	2	c	30.17	+.05	?49	?49	-4	SW	1	c	1	60	48	bc	*	-
	Liverpool Obsy ...	30.15	51	W	2	o	30.19	+.08	47	46	-3	W	2	r	2	53	47	oc. o	0.0	0.02
	Holyhead	30.15	53	NW	2	b	30.17	+.06	45	45	-8	S	0	f	0	55	43	c. b	*	-
	Pembroke (St. Ann's Hd.)	30.13	50	NNE	2	bc	30.15	+.04	52	50	-1	NE	2	ogm	3	55	48	ogm. om. bcm	0.0	-
	Scilly (St. Mary's) ...	30.11	54	NNW	3	o	30.13	+.21	53	51	+1	NE	1	o	1	56	?50	oc, o	0.0	-
	Jersey (St. Aubins) ...	30.07	55	ENE	2	oc	30.14	+.09	53	52	-1	ESE	2	o	2	57	50	ogm. oc. and	0.0	0.02
	Portland Bill ...	30.08	55	NNW	2	om	30.14	+.10	53	52	0	NE	3	c	3	56	47	r. om	0.9	0.01
	Dungeness	30.07	53	NNE	3	*	30.14	+.12	45	45	-6	N	2	f	2	54	44	cf, o, of o	0.0	-
	Dover	*	*	*	*	*	30.17	+.10	47	47	-3	NW	1	c	1	52	43	o. cd. o	0.0	-
	Wick	30.01	52	N	1	o	30.05	+.07	51	50	+3	2	0	o	1	56	47	-	*	-
	Nairn	30.04	49	2	0	bc	30.06	+.08	51	49	-1	2	0	o	1	58	48	c. o	1.1	-
	Aberdeen	30.08	54	SSW	1	o	30.10	+.08	47	46	-2	2	0	o	2	59	42	vm, c, om. bc	0.5	-
	Leith	30.10	53	W	2	c	30.11	+.07	49	47	-3	W	2	c	*	58	48	c. m. bm	*	-
	North Shields ...	30.11	55	W	2	o	30.16	+.10	51	49	-1	2	0	b	2	58	38	c. o	0.2	-
	Spurn Head ...	30.11	50	SSW	1	o	30.15	+.10	49	49	0	WNW	1	f	3	50	48	o, om. f	*	-
	Yarmouth	30.10	48	NW	1	bc	30.16	+.14	48	47	-2	WNW	1	om	3	51	47	o. bc. om	0.0	-
	Clacton-on-Sea ...	30.10	50	NNE	1	o	30.16	+.13	48	47	-2	N	2	o	0	53	44	ogm. bc	0.0	-
	Nottingham ...	30.13	52	E	1	o	30.17	+.11	49	49	-3	WSW	1	om	*	56	48	om. o. cm	0.0	-
	Bath	30.13	55	W	1	o	30.20	+.10	51	51	0	2	0	m	*	56	50	-	0.0	0.01
	Oxford	30.15	52	NNE	2	o	30.21	+.12	50	49	-2	2	0	om	*	54	49	omp	*	0.01
	London (St. James's Pk)	30.11	53	NNE	1	o	30.17	+.11	49	48	-3	SE	1	og	*	55	48	og. bm, om. p	0.0	0.01
GERMANY, &c.	The Scaw (Skagen)	30.01	47	NNE	3	b	30.07	+.24	42	39	-3	NE	1	c	0	46	41	*	*	-
	Fanö	30.08	36	NE	2	b	30.13	+.22	37	36	-5	NE	2	bc	*	48	32	*	*	-
	Cuxhaven†	29.97	47	"	"	b	30.12	+.19	42	40	-7	N	2	b	*	50	41	*	*	-
	The Helder ...	30.10	48	NNE	1	bc	30.17	+.15	47	45	-3	NE	1	bc	1	52	45	*	*	-
	Brussels	*	*	*	*	*	30.15	+.13	41	40	-4	ENE	1	o	*	51	40	*	*	0.04
	Berlin†	29.89	44	W	2	c	30.02	+.05	39	92	-8	NW	3	bc	*	48	37	*	*	-
	Frankfurt†	30.00	49	SW	2	o	30.10	+.11	39	85	-8	NE	3	b	*	50	37	*	*	-
	Munich†	30.01	42	NW	2	r	30.05	+.04	42	100	-1	NW	2	o	*	45	41	*	*	0.08
FRANCE.	C. Gris Nez ...	30.07	52	NE	4	o	30.15	+.13	45	44	-7	ESE	2	bc	2	55	45	*	*	-
	La Hève	30.09	51	ENE	2	m	30.15	+.06	49	46	0	ENE	2	o	2	55	45	*	*	0.12
	Brest	30.09	55	NE	3	o	30.15	+.04	53	52	0	E	1	o	1	55	52	*	*	-
	Lorient	?	55	NNE	3	o	?	?	53	52	+2	NE	3	o	2	55	51	*	*	-
	Rochefort	29.99	49	NE	3	o	30.04	+.05	51	49	+3	NE	2	o	*	61	48	o	*	-
	Biarritz	29.94	54	NNW	4	o	30.00	+.07	47	46	-5	ESE	3	o	2	61	46	*	*	-
	Paris	30.03	50	N	2	o	30.10	+.05	44	44	-2	NE	2	bc	*	51	44	*	*	-
	Belfort	29.99	42	ENE	6	m	30.03	-.01	44	43	+2	ENE	5	m	*	46	42	*	*	-
	Lyons	29.97	45	N	2	o	29.98	-.02	42	42	-3	NW	2	b	*	46	42	*	*	-
	Nice	29.71	55	E	2	bc	29.74	-.08	53	48	-1	E	4	b	2	63	48	*	*	-
	Perpignan	29.76	59	NW	3	b	29.82	-.04	50	47	-3	W	2	b	*	64	50	*	*	-
	Sanguinaire ...	29.76	64	SW	2	r	29.93	-.09	58	55	-3	E	2	o	4	70	50	*	*	0.08
SPANISH PENIN.	Corunna																	*	*	
	Lisbon																	*	*	
	Azores (P. Delgada) ...														*			*	*	
	" Horta ...	30.15	63	N	4	b	30.21	+.05	59	55	-7	NNE	2	o	2	70	59	*	*	0.47

For NOTES see Page 4.

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

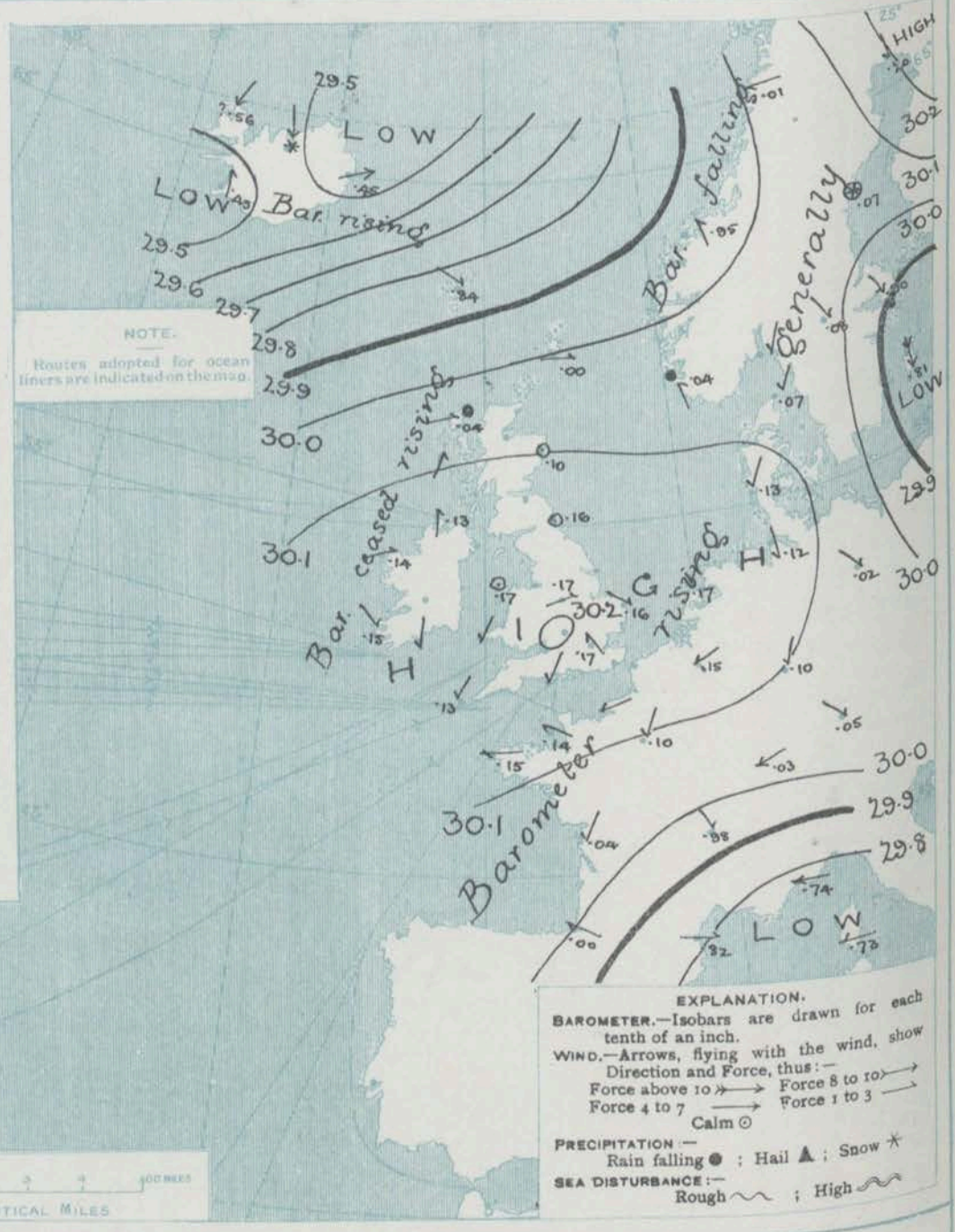
Thursday, **WEATHER** 4th Nov.

7 A.M. YESTERDAY.



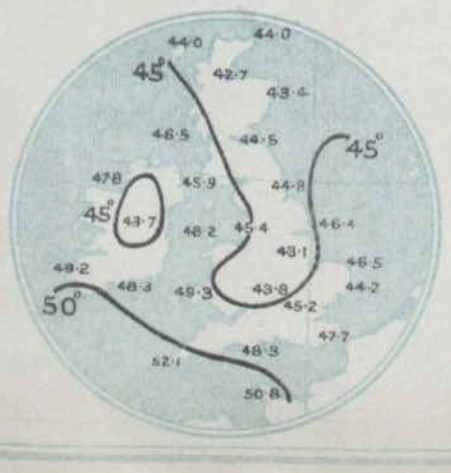
6 P.M. YESTERDAY.

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



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

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



NOTES ON THE GENERAL SITUATION AT 7 A.M

An anticyclone lies over the United Kingdom and the neighbouring parts of the Continent, and the mercury is either steady or inclined to rise on all but our extreme western coasts, where a slight fall is in progress. A depression is passing away in a north-easterly direction from Iceland, but another disturbance is approaching that island from the westward.

The wind is light from the Northward on our east and south-east coasts, and from the North-Eastward or Eastward in France. Over the northern parts of the United Kingdom calms or light Westerly airs prevail, while on the Norwegian coast the wind is light from the Southward. Temperature has fallen slightly in most places, but remains high for the time of year over the United Kingdom, where the morning readings range a little on either side of 50°. In Germany the thermometer is slightly below 10°, while at many of the Swedish stations it is below 35°, the lowest value reported being 21° at Haparanda. Cloudy weather still prevails over the United Kingdom generally, with mist or fog in several places, and rain at Stornoway. At a large majority of the Continental stations the weather is fine but rain is falling at Stockholm and snow at Hernösand. The sea is slight or smooth on all coasts.

CHARTS

4th November, 1909

2. Temperature and Weather at 7 a.m. To Day.

FORECASTS

For the 24 hours commencing at NOON TO-DAY.

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

0 a, b — South-Westerly winds, light or moderate; mild and unsettled, with occasional rain.

1, 2 a, 2 b — Calms or light Westerly airs; mild, cloudy, mist or fog in places.

3, 4 a, 4 b — Calms and light variable airs; cloudy, mist or fog in places. Rather cooler.

5 — Variable or light North-Easterly airs; cloudy, mist or fog in places. Rather cooler.

6 a, 6 b — South-Westerly winds, light or moderate; mild, unsettled, some rain.

7 a, 7 b — Same as Nos. 3 and 4.

8 a, 8 b — Same as No. 5.

9 a, 9 b — Same as No. 6.

10 a — Variable breezes, finally Southerly; fair; mild.

10 b — South-Westerly to Southerly winds, light; fair at first, some rain late; continuing mild.

11 WESTERN CHANNEL AND BAY.

Light breezes, chiefly North-Easterly, with a slight sea. Cloudy generally, with fog or mist in most places.

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 55° and upwards in many parts of the United Kingdom, to 60° at Donaghadee, and to 61° at Roche's Point. Over the greater part of England the day was sunless, and in Ireland, Scotland and Wales the record of bright sunshine was very small. Slight rain has fallen in a few isolated localities.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclone is likely to move slowly eastwards and on our extreme western and northern coasts the conditions will be affected by a low pressure system advancing from the Atlantic. Southerly and South-Westerly breezes are, therefore, probable in these regions, with some rain, but over the United Kingdom generally the wind will remain light and variable, with cloudy and misty, but dry weather.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

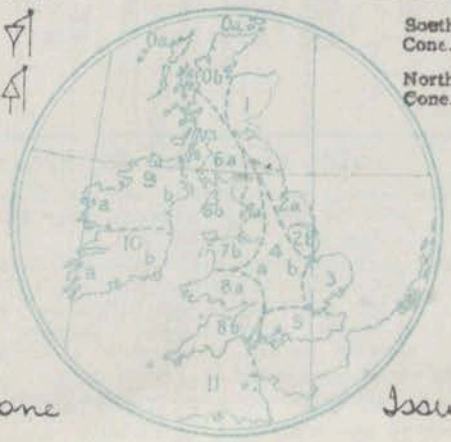
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



None Issued.

Weller & Graham, Ltd. Lithe, London

DAILY WEATHER REPORT. Thursday, 4th November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	56	52	o.bc.o	1.2	0.04
Dublin (City), to 4 p.m....	57	50	o.c.bc	-	-
Rossall Beach, to 6 p.m.	52	49	m.c.cm	*	-
Blackpool, to 9 p.m. ...	53	49	om	0.0	-
Southport, to 9 p.m. ...	52	49	ome.c	0.0	0.02
Rhyl, to 6 p.m....	52	47	o.r.o	0.2	0.12
Colwyn Bay, to 6 p.m. ...	54	50	od.bc	0.3	0.07
Llandudno, to 9 p.m. ...	54	50	od.c	0.3	0.13
Bettws-y-Coed, to 6 p.m.				*	
Towyn, to 6 p.m.	59	49	o.c.bc.c	2.8	-
Aberystwyth, to 6 p.m. ...	55	50	*	0.0	-
Plymouth, to 9 p.m. ..	58	50	o	1.0	-
Torquay, to 6 p.m.	58	42	*	0.0	-
Weymouth, to 6 p.m. ...	58	50	m.cm.bc	0.9	-
Bournemouth, to 6 p.m....	55	41	o	0.0	0.01
Southsea, to 6 p.m.	56	48	*	0.0	-
Bognor, to 6 p.m.	55	47	ow.d.	0.0	0.02

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	55	47	c.m	0.0	-
Brighton, to 6 p.m. ...	56	49	*	0.0	-
Seaford, to 6 p.m. ...	59	48	m.o	0.0	-
Eastbourne, to 6 p.m. ...	54	48	*	0.0	-
Bexhill-on-Sea, to 9 p.m.	54	48	gm.c	0.0	0.01
Hastings	*	-	*	0.0	*
Folkestone, to 6 p.m. ...	52	46	b.bc.m	0.0	-
Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.01
Margate, to 6 p.m.	52	48	o	0.0	-
Felixstowe, to 6 p.m. ...	54	4	*	0.0	-
Lowestoft, to 6 p.m. ...	54	42	od.c	0.0	0.02
Skegness, to 6 p.m.... ...	51	48	f.o	0.0	-
Scarborough, to 9 p.m. ...	59	50	of	0.0	0.01
Harrogate, to 6 p.m. ...	54	50	c.oe.o	0.0	-
Buxton, to 6 p.m.	50	49	of, odf, ogf	0.0	0.01
Darwen, to 9 p.m.	53	48	odf.f	0.0	0.02
Manchester, to 9 p.m. ...	55	51	od.o.of	0.0	0.03
Birmingham, to 9 p.m....	53	50	d	0.0	0.03

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

STATIONS	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
3rd Nov. 1909.	°	°		Ins.
Madeira	*59	*48	r.r	0.20
Marseilles	66	50	c.c	-
Malta	71	67	o	-
Algiers...	72	55	c.c	0.08
Tunis	73	57	bc.b	-
Palermo	72	60	o.r	-
Naples...	65	55	o.o	-
Brindisi	not	recd.		
Rome	66	56	r.r	1.26
Vienna...	52	48	f.o	-
St. Petersburg	45	32	bc.f	-

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
3rd Nov. 1909	°	°		Ins.
Utrecht	54	45	o.m	-
Groningen	52	43	o.o	0.04
Zurich...	*	*	o.r	-
Geneva	*	*	o.o	-
Lugano	*	*	bc.b	-
2nd Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	45	*	o	-
Coire	54	*	b	-
Castasegna...	?	*	?	-
Davos	52	*	b	-

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
New York. Nov. 2nd 4pm	49 N	26 W	29.95	SSW	6-7	-	.	.	.	.
" " 7pm	49 N	29 W	29.87	S	6-7	o	.	.	.	.
Arabic. Nov. 2nd 4pm	50 N	25 W	30.10	SW	4-5	-	.	.	.	.
" " 7pm	50 N	27 W	29.99	SSW	4-5	o	.	.	.	.
Lake Michigan. Nov. 2nd 4pm	52 N	22 W	30.08	SSW	4-5	-	.	.	.	.
" " 7pm	52 N	22 W	30.10	SSW	4-5	bc	.	.	.	.
" " 3pm	52 N	18 W	30.11	SW	4-5	-	.	.	.	.
" " 6pm	52 N	17 W	30.12	SW	4-5	o	.	.	.	.
" 3rd 4am	51 N	14 W	30.17	S	1-3	-	.	.	.	.
" " 7am	51 N	13 W	30.21	S	1-3	o	.	.	.	.
" " 3pm	? 51 N	11 W	30.17	E	0	o	.	.	.	.
" " 6pm	? 51 N	10 W	30.20	ESE	1-3	f	.	.	.	.

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6 61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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 November 1909.

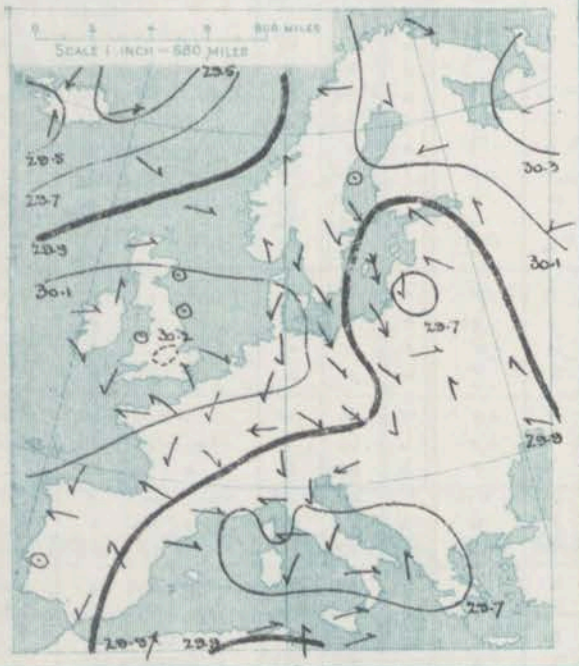
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30.12	29	E	2	o	30.07	-.18	32	32	+11	2	o	r	•	34	19	•	•	0.04
	Hernösand	30.10	34	2	o	o	30.11	+.04	29	28	-4	2	o	b	•	36	27	•	•	-
	Stockholm	30.06	37	?. NNW	2	o	30.17	+.27	35	34	-1	NW	2	o	•	?39	34	•	•	0.04
	Wisby...	29.99	42	N	8	o	30.13	+.32	41	40	-1	N	6	o	•	43	36	•	•	-
	Karlstad	30.17	31	2	o	b	30.22	+.14	29	29	-2	2	o	b	•	•	•	•	•	-
	Færder (X'tania Fjord)	30.13	40	E	1	b	30.15	+.08	45	42	+5	SSW	2	o	1	?45	39	•	•	-
	Bodö	29.91	37	E	2	c	29.90	-.11	39	32	o	E	4	o	1	39	32	•	•	0.35
	Christiansund ...	29.99	46	SW	3	o	30.06	+.11	45	42	+3	S	1	o	2	46	39	•	•	0.20
	Skudesnaes ...	30.11	46	NE	2	o	30.08	+.04	48	47	+4	S	4	m	4	46	37	o	•	0.08
ICELAND & FAEROE.	Isafjord	29.78	30	E	5	s	29.97	+.41	31	•	+1	E	3	o	•	•	•	•	•	•
	Reykjavik	29.59	37	2	o	bc	29.73	+.28	32	•	-4	NNW	1	bc	•	•	•	•	•	•
	Seydisfjord... ...	29.66	37	W	3	b	29.82	+.37	29	•	-14	NW	4	o	•	•	•	•	•	•
	Thorshavn	29.89	46	WSW	2	o	29.60	-.24	48	•	+1	SE	5	r	•	•	•	•	•	•
BRITISH ISLANDS.	Sumburgh Head	30.03	49	2	o	o	29.76	-.24	48	48	o	2	o	o	o	51	41	o	•	0.08
	Stornoway	30.00	52	S	4	r	29.72	-.32	51	50	o	S	7	r	6	53	50	odp, odq	0.0	0.06
	Castlebay (Barra Id.)	30.04	52	SSW	4	o	29.79	-.30	53	51	+1	S	5	o	6	53	51	o	0.0	-
	Malin Head ...	30.09	52	SW	1	om	29.83	-.30	51	50	+1	SW	4	om	3	53	48	cw, om	•	-
	Blacksod Pt. ...	30.04	55	S	4	c	29.92	-.22	50	47	-2	SW	5	c	4	55	49	bc, cq, bcp	•	0.04
	Valencia	30.08	52	SSE	4	c	30.03	-.12	50	48	-3	SW	3	c	4	57	49	o, cw, c	0.0	0.06
	Roche's Point ...	30.13	52	E	1	o	30.05	-.14	53	53	+3	SSW	3	o	3	55	50	o, og, d, om	•	0.06
	Birr Castle ...	30.11	51	2	o	o	30.01	-.17	50	49	+2	WSW	2	o	•	56	47	bc, or, o	0.1	0.03
	Donaghadee ...	30.12	51	SSE	1	o	29.99	-.18	52	52	+3	SSW	3	o	2	54	49	bc, c, o	•	-
	Liverpool Obsy...	30.19	51	2	o	o	30.10	-.09	50	47	+3	SSE	2	o	2	54	47	o, bc, og	4.2	-
	Holyhead	30.16	51	2	o	ogm	30.06	-.11	52	51	+7	SSW	3	r	2	53	43	o, ogm	•	0.05
	Pembroke (St. Ann's Hd.)	30.15	53	SE	2	o	30.09	-.06	53	52	+1	S	4	obgm	4	55	50	ogr, sgm, dm	0.0	0.02
	Scilly (St. Mary's) ...	30.15	55	SE	1	om	30.10	-.03	55	53	+2	SE	3	o	1	57	?53	oc, om	0.0	-
	Jersey (St. Aubins) ...	30.16	51	E	2	bc	30.15	+.01	43	42	-10	WNW	1	bc	1	56	40	og, o, bcm	1.5	0.01
	Portland Bill ...	30.15	54	E	1	o	30.13	-.01	53	52	o	ESE	1	bc	2	56	51	bc, o	5.2	-
	Dungeness	30.16	51	NE	2	bc	30.17	+.03	48	46	+3	SE	1	bc	2	54	44	f, c, bc	1.0	-
	Dover	*	*	*	*	*	30.22	+.05	41	40	-6	NE	1	b	1	51	39	c, bc, c, bc	1.0	-
	Wick	30.04	50	SW	1	o	29.82	-.23	50	47	-1	S	3	bc	1	54	47	-	•	0.01
	Nairn	30.05	52	2	o	c	29.85	-.21	46	44	-5	2	o	c	1	56	43	c	0.0	-
	Aberdeen	30.09	49	SSW	1	b	29.95	-.15	49	45	o	SSW	2	c	2	55	44	om, bcq, c	0.2	-
	Leith	30.11	53	WSW	1	m	29.97	-.14	52	50	+3	SW	2	o	•	56	48	c, bc, m	•	-
	North Shields ...	30.16	52	W	2	o	30.07	-.09	51	49	o	SSW	2	om	2	55	49	c, o	0.0	-
	Spurn Head ...	30.17	52	SSW	2	f	30.13	-.02	50	49	+1	SSW	2	om	2	52	49	f, om	•	-
	Yarmouth	30.19	50	SE	1	om	30.18	+.02	48	48	o	WSW	2	of	3	52	47	o, om, of	0.0	-
	Clacton-on-Sea ...	30.20	51	2	o	m	30.20	+.04	45	45	-3	SE	1	bc	1	51	44	ogm, of, m, bc	0.0	-
	Nottingham ...	30.18	54	WSW	1	o	30.16	-.01	50	49	+1	SW	1	o	•	57	49	om	0.0	-
	Bath	30.20	53	2	o	o	30.18	-.02	49	48	-2	2	o	o	•	55	48	-	0.0	-
	Oxford	30.22	51	E	2	o	30.20	-.01	48	47	-2	SSE	1	cm	•	52	47	o	•	-
	London (St. James's Pk)	30.19	54	2	o	om	30.20	+.03	45	45	-4	2	o	f	•	56	41	ogf, om, o, f	0.0	-
GERMANY, &c.	The Scaw (Skagen)	30.12	43	ESE	1	b	30.18	+.11	41	40	-1	SSE	1	c	1	46	39	•	•	-
	Fanö	30.14	49	W	2	bc	30.18	+.05	48	48	+11	W	1	o	•	50	37	•	•	-
	Cuxhaven†... ...	30.17	44	SW	1	b	30.17	+.05	50	46	+8	N	1	f	•	50	?42	•	•	-
	The Helder ...	30.22	47	W	1	o	30.21	+.04	47	46	o	S	1	c	o	52	46	•	•	-
	Brussels	*	*	*	*	*	30.23	+.08	37	36	-4	ESE	1	b	•	51	35	•	•	-
	Berlin†..	30.10	42	NW	3	b	30.17	+.15	36	36	-3	NW	1	f	•	46	36	•	•	-
	Frankfurt†... ...	30.19	40	N	3	b	30.22	+.12	37	34	-2	NE	2	c	•	50	32	•	•	-
	Munich†	30.19	36	2	o	b	30.25	+.20	31	100	-11	NW	4	bc	•	45	30	•	•	-
FRANCE.	C. Gris Nez ...	30.19	46	E	1	b	30.20	+.05	43	41	-2	E	1	b	1	54	41	•	•	-
	La Hève	30.17	48	ENE	2	bc	30.19	+.04	41	39	-8	E	2	m	1	54	37	•	•	-
	Brest	30.17	53	E	1	o	30.14	-.01	46	45	-7	ENE	2	b	1	55	45	•	•	-
	Lorient	?	52	NE	4	o	?	?	45	44	-8	E	3	b	2	55	43	•	•	-
	Rochefort	30.01	50	NNE	2	b	30.04	.00	41	41	-10	ENE	3	b	•	59	37	o, b	•	-
	Biarritz	30.07	54	2	o	o	30.07	+.07	52	50	+5	2	o	o	2	55	?47	•	•	-
	Paris	30.15	37	NNE	2	b	30.17	+.07	34	34	-10	NNE	2	b	•	50	34	•	•	-
	Belfort...	30.10	42	ENE	4	m	30.17	+.14	31	31	-13	ENE	6	f	•	50	31	•	•	-
	Lyons	30.02	48	NW	3	o	30.08	+.10	37	36	-5	N	1	b	•	50	37	•	•	-
	Nice	29.80	55	2	o	b	29.83	+.09	50	47	-3	2	o	b	o	66	48	•	•	-
	Perpignan	29.93	52	NW	3	b	29.95	+.13	49	44	-1	W	3	b	•	60	47	•	•	-
	Sanguinaire ...	29.77	61	NW	1	b	29.85	+.12	59	57	+1	E	3	b	3	66	50	•	•	-
SPANISH PENIN.	Corunna																	•	•	
	Lisbon														•			•	•	
	Azores (P. Delgada)...																	•	•	
	" Horta	30.33	58	NNW	3	b	30.36	+.15	59	53	o	N	4	c	4	64	57	•	•	0.08

For NOTES see Page 4.

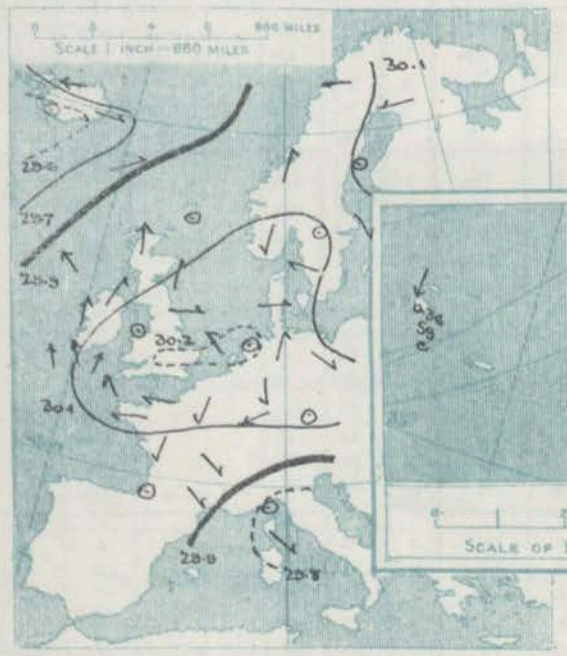
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND FOR 7 A.M. AND 6 P.M. YESTERDAY

Friday, **WEATHER** 5th Nov.

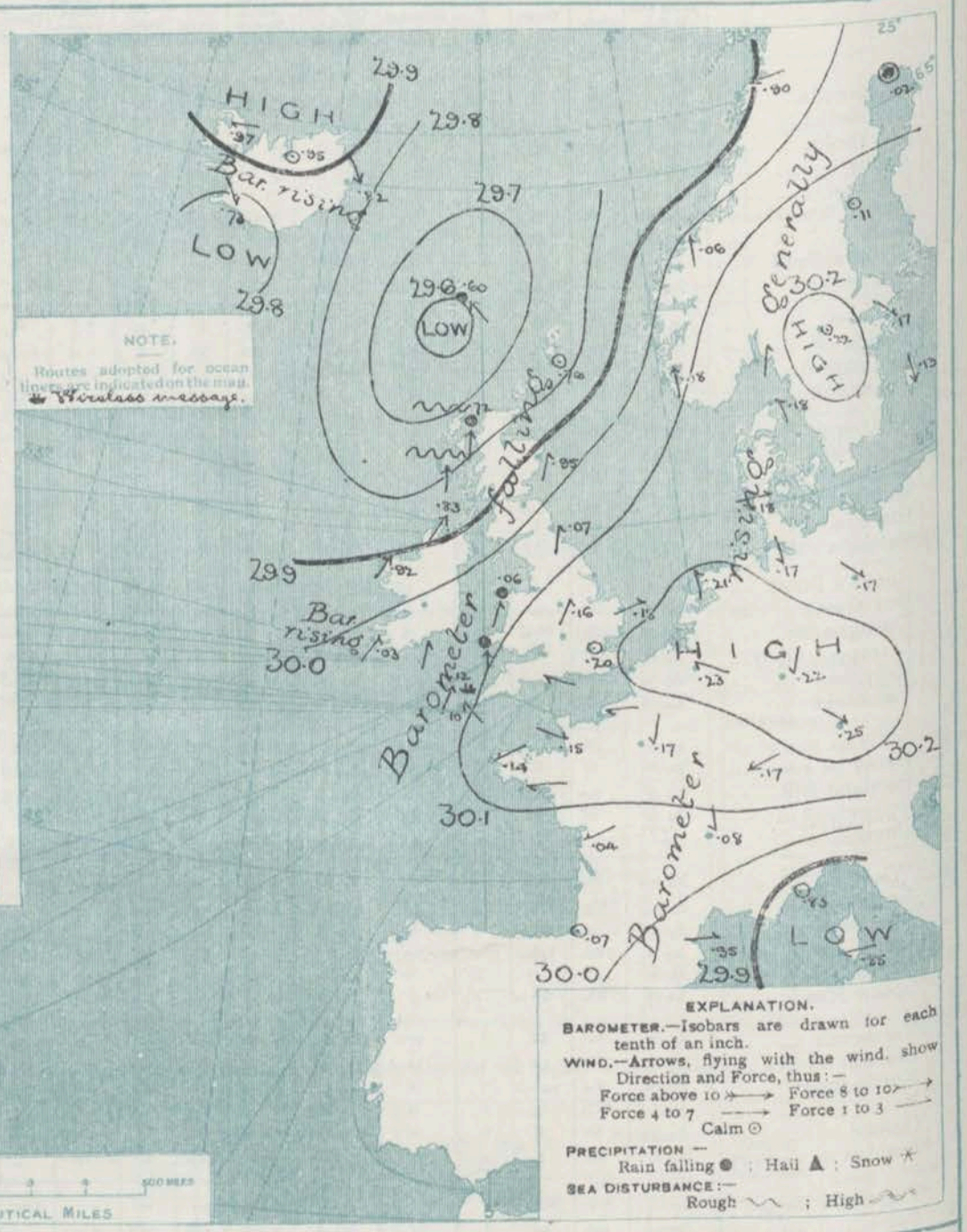
7 A.M. YESTERDAY.



6 P.M. YESTERDAY.

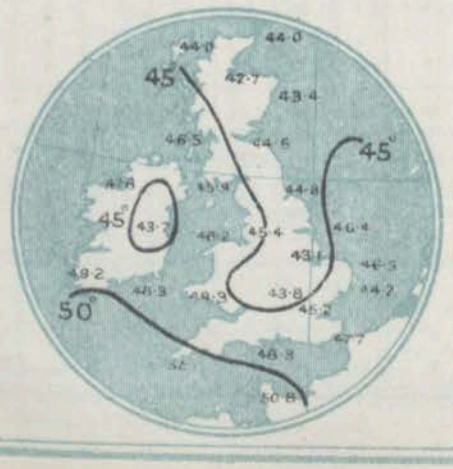


1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



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

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



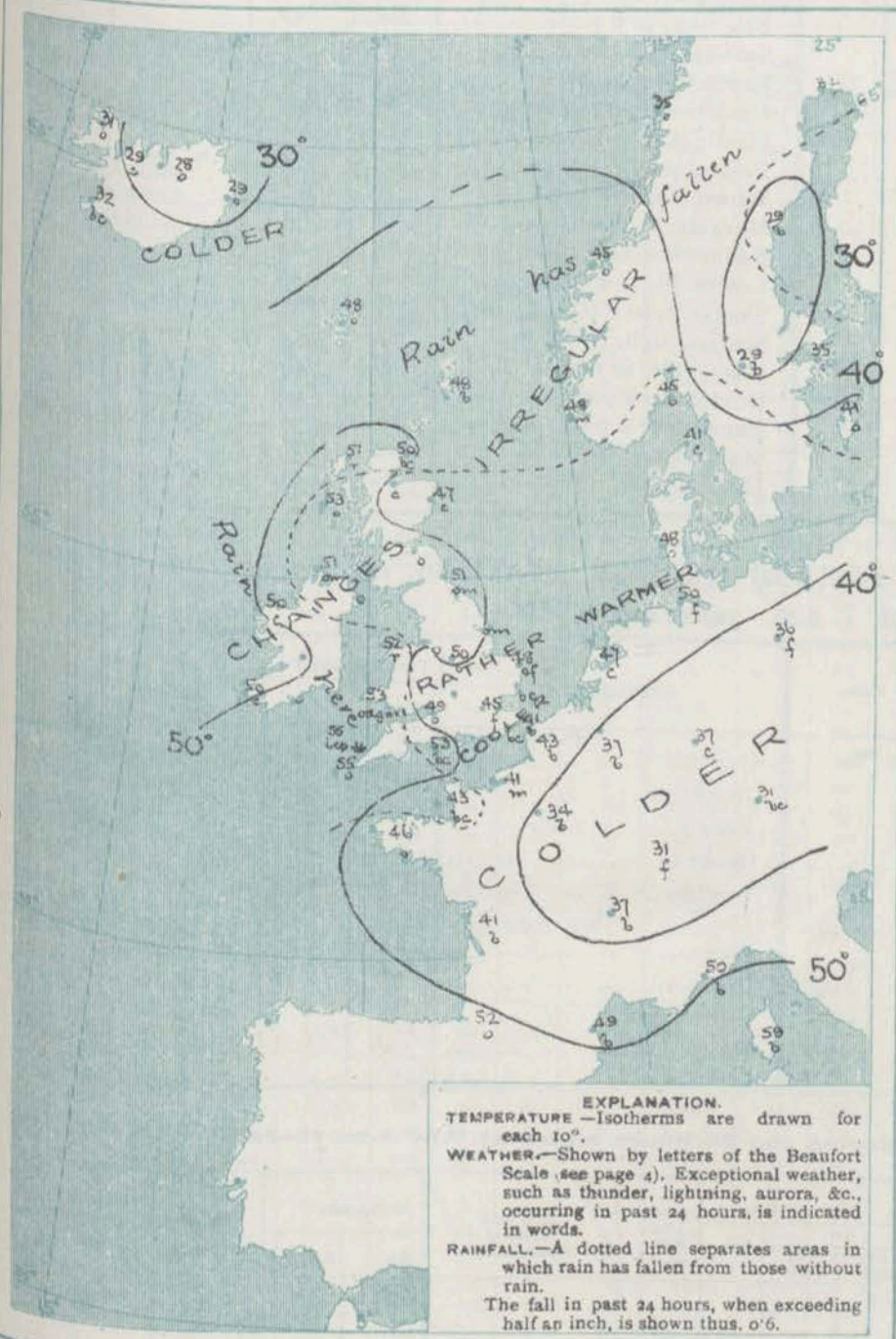
NOTES ON THE GENERAL SITUATION AT 7 A.M

A large anticyclone lies over England and the western portions of the continent, the highest pressures being found in two areas lying respectively over the south of Sweden and over Germany and the Netherlands. A depression of moderate depth lies between Scotland and Iceland, and is causing a fall of the barometer in nearly all parts of the United Kingdom.

The wind is Southerly or South-Westerly over nearly the whole of our Islands, and also on the Norwegian coasts – light or moderate in force generally, but high in the Hebrides. In the Channel the wind is light from the South-Eastward, while in France it is chiefly Easterly or North-Easterly. Temperature has risen at most of our western and northern stations, where the morning readings as a rule are a trifle above 50°. In the south-east of England and on the Continent a fairly general fall has taken place, slight frost now prevails in south Germany and the east of France as well as in Sweden and Iceland. The weather is fine over the Channel and France, but remains cloudy or overcast in nearly all other parts of Western Europe. Rain is falling on the Welsh coasts, and also in the Hebrides and the Faröe Islands. The sea is slight or smooth on the English coasts, but moderate off the west of Ireland and rough in the neighbourhood of the Hebrides.

CHARTS 5th November, 1909.

2. Temperature and Weather at 7 A.M To Day.



Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b): Southerly to Westerly winds, strong in places; mild, changeable, some rain.

1, 2 (a, b): South-Westerly winds, light or moderate; mild, changeable, some rain.

3, 4 (a, b), 5: Light Southerly and South-Westerly winds; fair at first, but misty in places, some rain to-night or tomorrow. Mild.

6 (a, b), 7 (a, b), 8 (a, b), 9 (a, b), 10 (a, b): South-Westerly to Westerly or North-Westerly winds, moderate or fresh; changeable, some rain; mild to-day, cooler tomorrow.

11 WESTERN CHANNEL AND BAY.

Light South-Easterly winds, and a slight sea; some showers about mouth Channel, otherwise fair, but misty in places; mild.

Notes on Yesterday's Weather.

During yesterday the thermometer rose to 55° or a trifle above it in most parts of the United Kingdom, and to 59° at Skye. Between 3 and 4 hours of bright sunshine were registered in various parts of our western and southern coasts, but in nearly all other localities the day was cloudy. Slight rain has fallen at several of our western and extreme northern stations. Wireless reports from the Atlantic show that along the northern route steamers experienced light to moderate breezes from between South and South-East, with fair but cloudy weather.

General Inference from the 7 A.M. Observations.

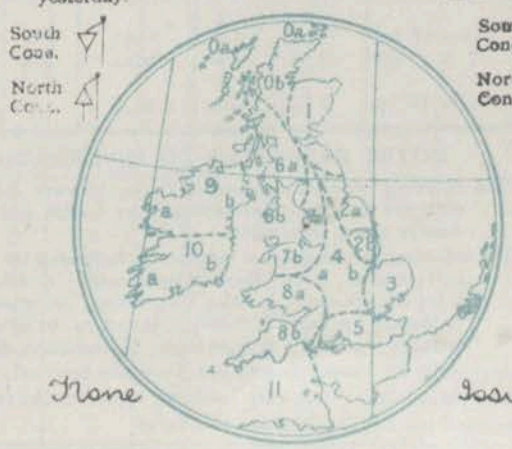
The anticyclone will continue to move away to the eastward, and a large depression of no great intensity will extend over the United Kingdom from the Atlantic. Moderate South-Westerly winds veering later to West or North-West are, therefore, probable, with some rain in all districts. Temperature will remain, for the present above the normal.

Forecast Districts.

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

Signals hoisted yesterday. Signals hoisted this morning.

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



Weller & Graham, Ltd Litho, London.

DAILY WEATHER REPORT. Friday, 5th November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	56	51	o	0.4	-
Dublin (City), to 4 p.m....	54	49	c. om. am	"	-
Rossall Beach, to 6 p.m.	51	43	m. c	"	-
Blackpool, to 9 p.m. ...	52	43	c. am. o	0.7	-
Southport, to 9 p.m. ...	53	46	o. ime. o	0.0	-
Rhyl, to 6 p.m....	59	39	o. r. c. o	2.4	0.01
Colwyn Bay, to 6 p.m. ...	54	48	bc. o	1.0	-
Llandudno, to 9 p.m. ...	53	42	c. o.	0.0	-
Bettws-y-Coed, to 6 p.m.	55	38	bc. b. bo	2.5	"
Towyn, to 6 p.m.					
Aberystwyth, to 6 p.m. ...	52	44	"	0.0	-
Plymouth, to 9 p.m. ...	54	50	o. ov	0.0	-
Torquay, to 6 p.m.	56	52	"	0.9	0.03
Weymouth, to 6 p.m. ...	58	50	c. bc	5.2	-
Bournemouth, to 6 p.m. ...	59	49	c. bc. m	2.8	-
Southsea, to 6 p.m.	55	47	"	2.3	-
Bognor, to 6 p.m.	54	45	c. bc. o	1.4	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	53	45	o. c. o	0.2	-
Brighton, to 6 p.m. ...	54	45	"	0.6	-
Seaford, to 6 p.m. ...	54	42		3.8	-
Eastbourne, to 6 p.m. ...	55	43	"	4.2	-
Bexhill-on-Sea, to 9 p.m.	55	44	b	3.7	"
Hastings	"	"	"	3.0	-
Folkestone, to 6 p.m. ...	52	44	bc. b. d. bc	0.1	-
Ramsgate, to 6 p.m. ...	"	"	"	0.7	-
Margate, to 6 p.m.	54	49		0.0	-
Felixstowe, to 6 p.m. ...	53	43	"	0.0	-
Lowestoft, to 6 p.m. ...	52	45	o	0.0	-
Skegness, to 6 p.m.... ...	55	50	f. m	0.0	0.0
Scarborough, to 9 p.m. ...	58	46	og	0.5	-
Harrogate, to 6 p.m. ...	55	46	o. c. o	0.1	0.02
Buxton, to 6 p.m.	52	49	of. o	0.0	-
Darwen, to 9 p.m.	51	47	of. g	0.0	-
Manchester, to 9 p.m. ...	52	50	o	0.0	-
Birmingham, to 9 p.m....	54	50	f. o	0.0	0.02

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

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain. Ins.
4th Nov. 1909.				
Madeira	66	48	b. b	-
Marseilles	63	41	b. b	-
Malta	71	66	b	-
Algiers...	70	55	bc. c	-
Tunis	75	62	bc. bc	-
Palermo	73	57	b. o	-
Naples...	64	55	o. o	0.32
Brindisi	68	55	bc. b	0.24
Rome	62	55	bc. o	0.12
Vienna...	50	45	o. o	0.04
St. Petersburg	39	30	r. o	0.24

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain. Ins.
4th Nov. 1909.				
Utrecht	52	37	b. b	-
Groningen	54	39	o. b	-
Zurich...	"	"	o. bc	-
Geneva	"	"	o. o	-
Lugano	"	"	b. b	-
3rd Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m. 0.04
Berne	45	"	o	-
Coire	46	"	o	-
Castasegna...	55	"	b	-
Davos	46	"	b	-

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
HMS - Nov. 4th 8pm	51.46N	8.9W	30.10	SW	4	op	55	54	54	3
Bar falling slowly, wind increasing.										
" 5th 9am	50.45N	6.45W	30.09	SW	2	bc	55	54	55	2
" " 7pm	60.20N	6.0W	30.12	SSW	2	bcp	55	54	55	2
Virginian Nov. 3rd 3pm	56 N	27 W	28.86	WSW	6-7	-	-	-	-	-
" " 6pm	56 N	26 W	29.81	WSW	6-7	bc	-	-	-	-
" 4th 4am	56 N	21 W	30.00	SW	4-5	-	-	-	-	-
" " 9am	56 N	19 W	30.02	SW	1-3	o	-	-	-	-
" " 3pm	56 N	15 W	29.94	ESE	1-3	-	-	-	-	-
" " 6pm	56 N	14 W	29.87	SE	4-5	o	-	-	-	-
Cymric. Nov. 4th 3pm	51 N	9 W	30.09	NE	1-3	-		-	-	-
" " 6pm	51 N	11 W	30.03	SSE	4-5	o		-	-	-
Majestic Nov. 4th 6pm	51 N	10 W	30.06	S	1-3	o	-	-	-	-

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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.

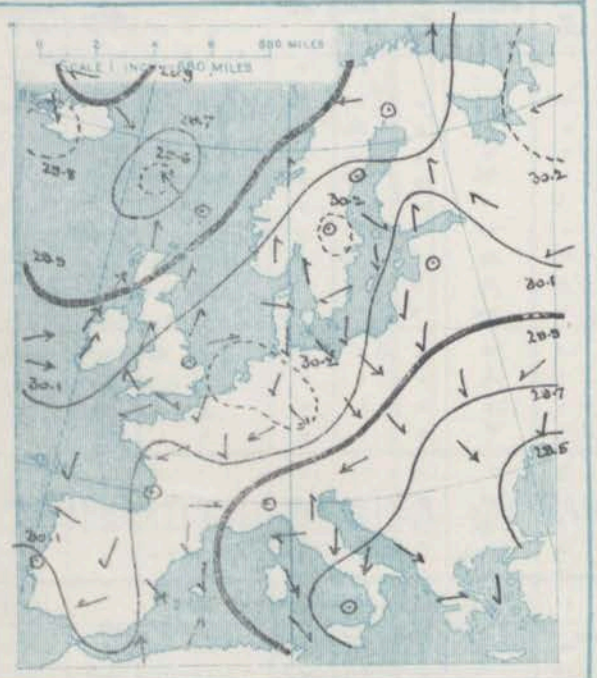
Saturday, 6th November 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	29.98	29	NW	2	r	29.65	-.37	39	38	+7	SW	6	r	*	?39	27	*	*	0.04
	Hernösand	30.03	30	2	0	b	29.83	-.28	37	36	+8	2	0	bc	*	36	28	*	*	-
	Stockholm	30.21	35	W	2	b	30.11	-.06	34	30	-1	SW	2	m	*	39	34	*	*	-
	Wisby...	30.23	41	NW	4	c	30.16	+.03	40	38	-1	SW	4	bc	*	43	36	*	*	-
	Karlstad	30.19	39	SSW	4	o	30.04	-.18	44	43	+15	SW	6	r	*	*	*	*	*	0.04
	Færder (X'tania Fjord)	30.12	47	SSW	5	o	29.99	-.16	50	49	+5	SW	4	m	3	?50	45	*	*	-
	Bodö	29.71	39	E	2	o	29.46	-.44	48	43	+13	SW	6	c	3	?48	34	*	*	0.39
	Christiansund ...	29.80	48	2	0	c	29.67	-.39	48	44	+3	SW	4	c	2	48	45	*	*	0.35
	Skudesnaes ...	30.02	50	SSW	6	o	29.91	-.17	46	?	-2	W	6	m	5	?50	46	m.o	*	0.12
ICELAND & FAEROE.	Isafjord	30.08	32	2	0	c	30.17	+.20	30	*	-1	2	0	c	*	*	*	*	*	*
	Reykjavik	29.90	32	N	10	b	30.13	+.40	30	*	-2	N	1	b	*	*	*	*	*	*
	Seydisfjord... ...	29.82	32	N	4	s	30.01	+.19	32	*	+3	NNW	1	c	*	*	*	*	*	*
	Thorshavn	29.45	46	WSW	6	c	29.63	+.03	38	*	-10	NNW	9	o	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.71	49	SW	3	o	29.56	-.20	46	42	-2	SW	7	o	6	51	46	o	*	0.01
	Stornoway	29.72	47	SW	6	b	29.86	+.13	43	42	-8	WNW	6	bc	4	52	42	ed.cq.bcpq	4.3	0.10
	Castlebay (Barra Id.)	29.85	50	WSW	5	bc	29.98	+.19	45	43	-8	WNW	3	cp	3	53	44	op.c.bcp.c	4.4	0.03
	Malin Head ...	29.92	46	SW	4	bc	30.00	+.17	46	45	-5	W	3	cpmq	3	52	44	opq.bc.bpq	*	0.01
	Blacksod Pt. ...	29.94	48	SSW	3	bc	30.06	+.14	43	41	-7	SSW	3	bc	2	52	40	bc.bcp.bc	*	0.02
	Valencia	30.02	49	WSW	1	b	30.11	+.08	35	34	-15	NNE	1	b	4	54	34	c.b.bc	3.9	0.08
	Roche's Point ...	30.04	50	W	3	c	30.10	+.05	40	40	-13	N	2	b	1	54	40	om.c.bcw	*	0.01
	Birr Castle ...	30.00	47	2	0	o	30.11	+.10	33	32	-17	2	0	b	*	54	31	b.c.b	2.5	-
	Donaghadee ...	29.98	50	SW	3	c	30.06	+.07	38	38	-14	SW	2	bc	2	54	37	c.bc	*	-
	Liverpool Obsy...	30.06	52	SSE	1	o	30.07	-.03	46	45	-4	W	1	r	2	54	45	o	0.0	0.09
	Holyhead	30.01	53	WSW	2	rm	30.05	-.01	47	46	-5	S	1	c	1	54	45	r.rm	*	0.82
	Pembroke (St. Ann's Hd.)	30.04	53	S	3	o	30.04	-.05	48	48	-5	N	2	og	3	54	46	ogmp.op.o	0.0	0.11
	Scilly (St. Mary's) ...	30.01	53	3	2	om	30.01	-.09	50	48	-5	NNE	3	om	1	56	48	o.om	0.0	0.02
	Jersey (St. Aubins) ...	30.08	46	ESE	2	b	?30.07	-.03	39	38	-4	SE	2	b	2	56	37	c.bm.bmw	8.3	-
	Portland Bill ...	30.07	53	ESE	3	b	30.02	-.11	46	46	-7	E	3	bm	2	55	44	bc.b	7.7	-
	Dungeness	30.13	51	ESE	2	b	30.08	-.09	49	47	+1	SSE	3	bc	3	54	47	c.bq.bc	8.5	-
	Dover	*	*	*	*	*	30.12	-.10	48	45	+7	S	1	?	1	53	41	bq.b	7.9	-
	Wick	29.82	49	W	2	bc	29.75	-.07	44	41	-6	SW	3	bc	2	54	41	-	*	-
	Nairn	29.84	46	W	1	b	29.85	.00	44	41	-2	W	2	c	1	55	43	c.bew.bec	4.0	-
	Aberdeen	29.91	48	SSW	1	b	29.92	-.03	43	42	-4	SW	2	b	2	53	43	c.og.bc.b	0.3	-
	Leith	29.93	52	W	3	c	29.98	+.01	45	42	-7	SW	3	b	*	59	44	op.bc.cm	*	0.02
	North Shields ...	30.02	52	SSW	3	c	30.03	-.04	48	46	-3	WSW	2	o	2	54	46	c.r	0.0	0.01
	Spurn Head ...	30.09	49	SSW	2	b	30.06	-.07	42	40	-8	S	2	b	2	54	40	bc.bm	*	-
	Yarmouth	30.16	49	S	1	bcm	30.11	-.07	46	45	-2	S	2	bcm	3	53	48	c.bcm.	0.7	-
	Clacton-on-Sea ...	30.15	49	SE	2	b	30.10	-.10	49	47	+4	SE	3	b	3	54	46	b	8.2	-
	Nottingham ...	30.11	48	SW	1	b	30.08	-.08	32	32	-18	2	0	f	*	56	31	o.bc.b	4.0	-
	Bath	30.11	46	2	0	b	30.08	-.10	31	31	-18	2	0	m	*	57	30	-	7.0	-
	Oxford	30.13	47	SE	2	b	30.11	-.09	31	31	-17	2	0	bf	*	54	30	b.f	*	-
	London (St. James's Pk)	30.13	50	ESE	3	b	30.09	-.11	40	39	-6	E	1	bw	*	53	40	fg.bm.b.bw	2.6	-
GERMANY, &c.	The Scaw (Skagen)	30.18	45	SW	3	b	30.07	-.11	48	47	+7	WSW	4	m	1	48	41	*	*	-
	Fanö	30.21	47	SSE	5	bc	30.18	.00	47	46	-1	S	4	o	*	50	46	*	*	-
	Cuxhaven†... ...	30.23	49	S	2	o	30.19	+.02	44	40	-6	S	2	o	*	50	43	*	*	-
	The Helder ...	30.21	47	SW	1	o	30.17	-.04	46	46	-1	SW	1	c	0	52	45	*	*	-
	Brussels	*	*	*	*	*	30.15	-.08	39	39	+2	ENE	1	f	*	55	37	*	*	-
	Berlin†...	30.23	41	NNW	1	b	30.24	+.07	39	35	+3	NNW	2	f	*	46	36	*	*	-
	Frankfurt†... ...	30.21	45	NE	4	o	30.20	-.02	34	93	-3	N	4	b	*	48	32	*	*	-
	Munich†	30.22	35	NW	2	c	30.18	-.07	33	100	+2	SE	2	bc	*	39	30	*	*	-
FRANCE.	C. Gris Nez ...	30.16	46	E	3	b	30.11	-.09	42	40	-1	SE	2	m	0	54	41	*	*	-
	La Hève	30.12	48	E	3	m	30.10	-.09	40	37	-1	ESE	3	m	2	54	36	*	*	-
	Brest	30.09	52	N	2	c	30.06	-.08	47	46	+1	ESE	1	b	1	55	45	*	*	-
	Lorient	?	50	E	2	b	?	?	43	42	-2	ENE	2	b	2	55	41	*	*	-
	Rochefort	30.05	47	ENE	2	o	30.00	-.04	41	41	0	ENE	1	b	*	50	37	m.o	*	-
	Biarritz	30.06	56	NNW	3	c	30.01	-.06	55	52	+3	WNW	4	bc	2	59	?52	*	*	-
	Paris	30.16	41	NE	2	b	30.09	-.08	33	33	-1	NNE	2	b	*	53	33	*	*	
	Belfort...	30.13	40	ENE	6	m	30.08	-.09	32	30	+1	ENE	6	m	*	46	31	*	*	-
	Lyons	30.02	46	N	3	b	30.06	-.02	34	32	-3	N	1	b	*	50	32	*	*	-
	Nice	29.81	53	2	0	b	29.91	+.08	49	47	-1	2	0	b	2	63	46	*	*	-
	Perpignan	29.86	35	NW	5	b	29.93	-.02	48	44	-1	W	1	b	*	62	44	*	*	-
	Sauguinaire ...																	*	*	
SPANISH PENIN.	Corunna	30.08	63	NNE	1	o	30.03	-.06	54	52	-1	NNE	1	f	5	64	50	*	*	-
	Lisbon														*			*	*	
	Azores (P. Delgada)...																	*	*	
	" Horta ...	30.38	59	NE	4	bc	30.34	-.02	61	54	+2	NE	4	c	4	64	57	*	*	0.12

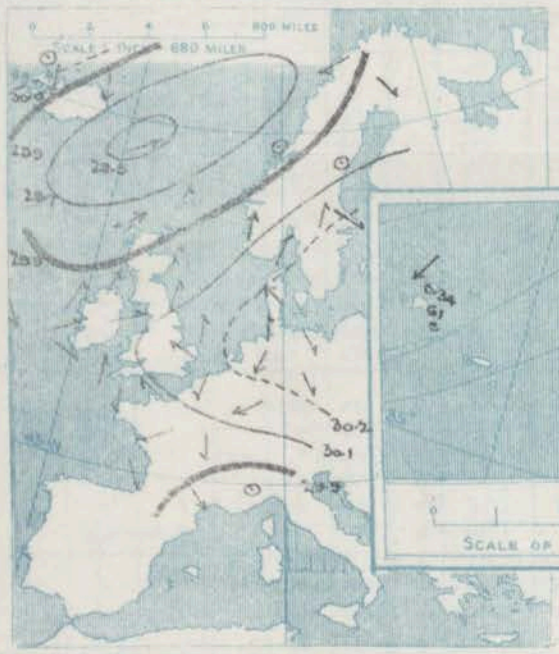
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

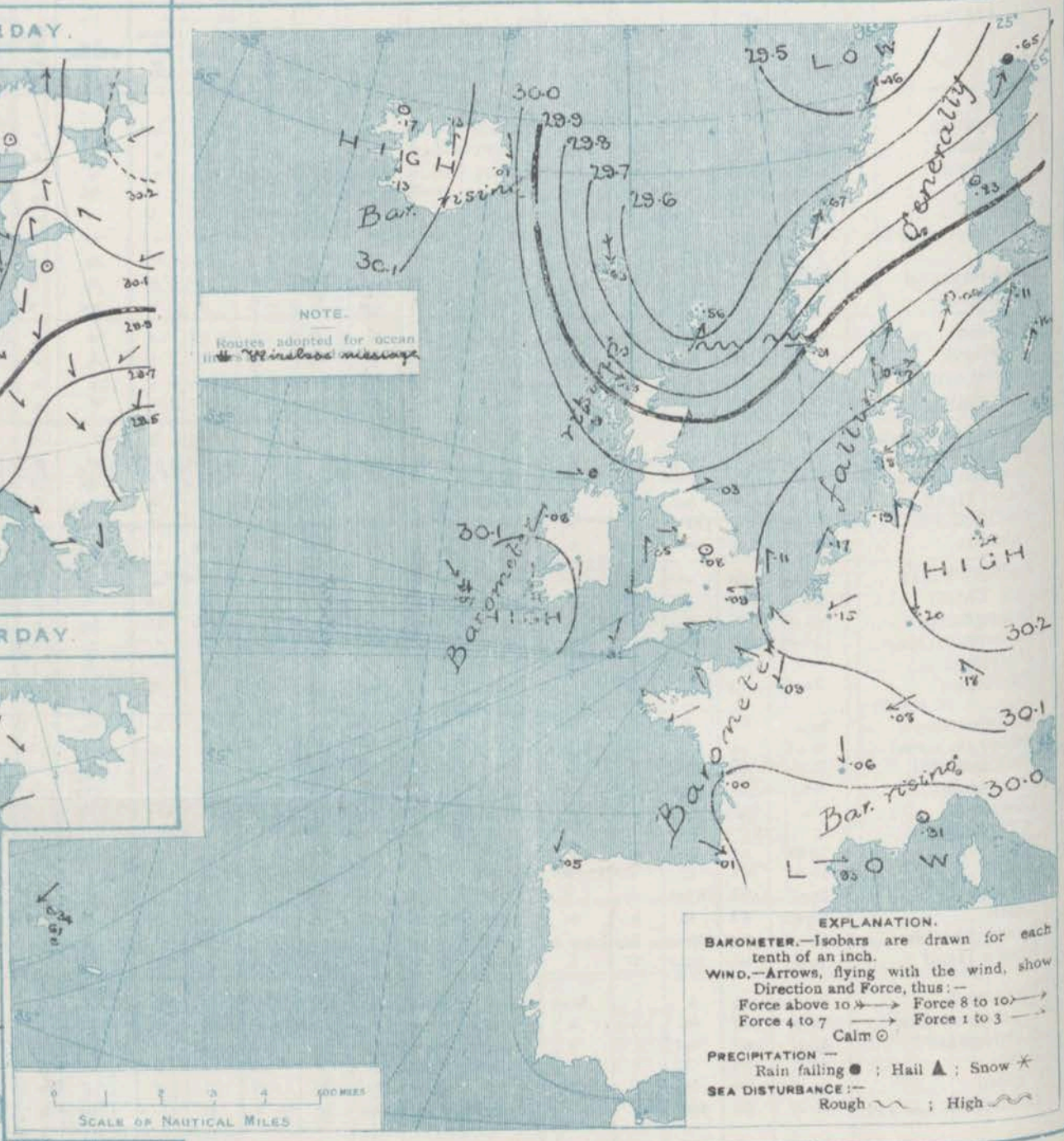


6 P.M. YESTERDAY.



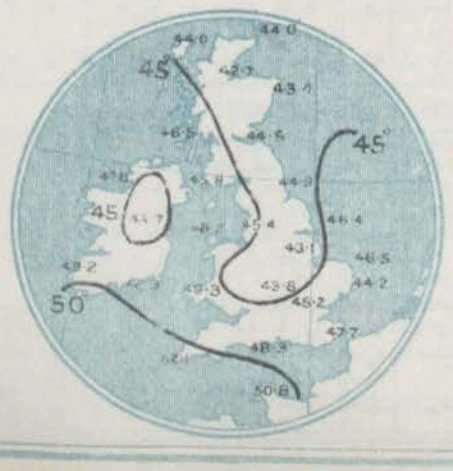
Saturday. **WEATHER** 6th Nov.

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



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

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



NOTES ON THE GENERAL SITUATION AT 7 A.M

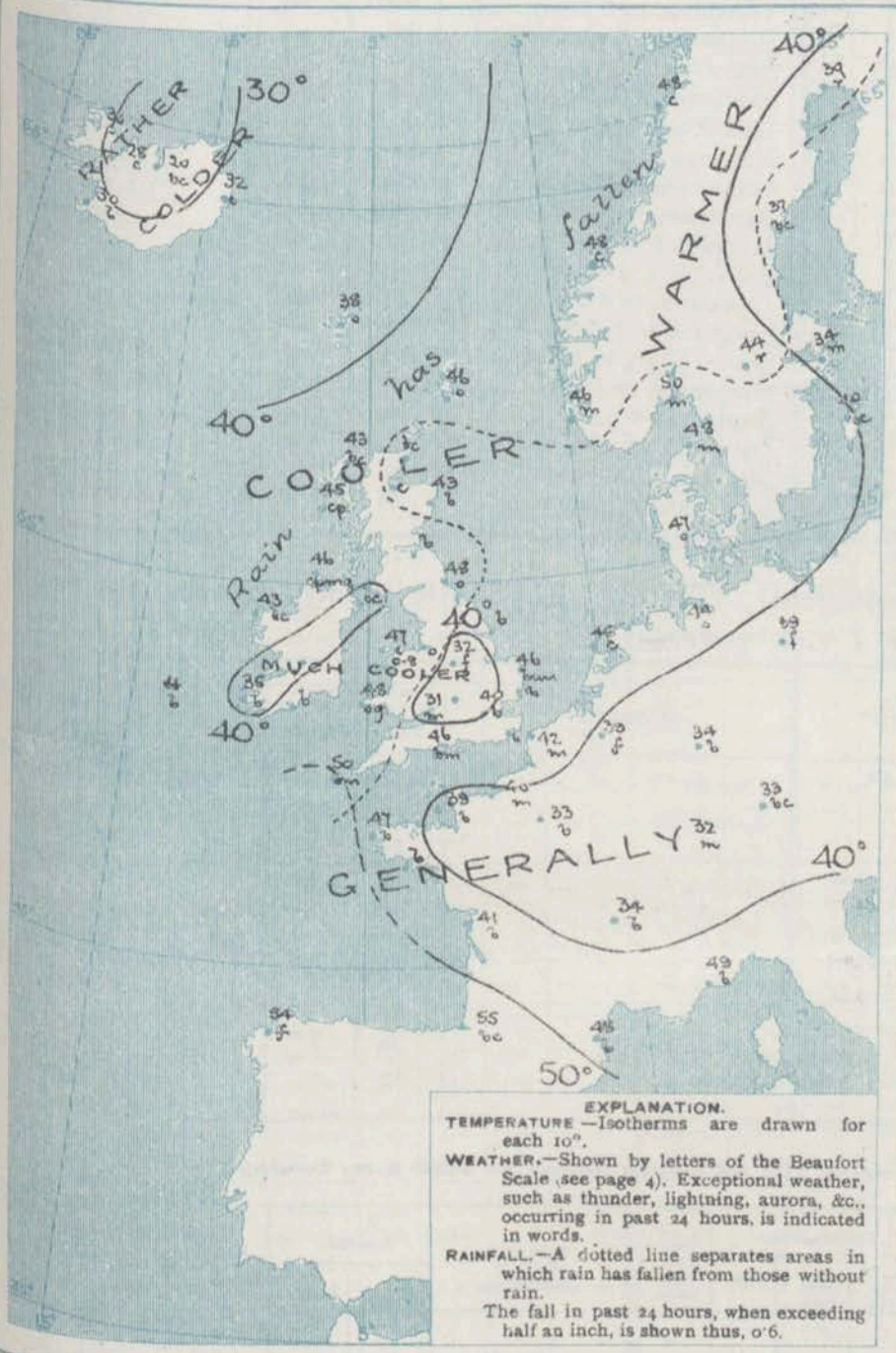
The depression [illegible] yesterday morning in the neighbourhood of the Faeroe Islands has spread towards [illegible] in a southerly direction, but is moving slowly eastwards towards the Norwegian coasts. Pressure is now highest over Germany and the Baltic, but is high in another area which extends over the south of Ireland from the Atlantic.

The northern depression is causing strong or high winds from the W. or S.W. in the extreme north of Scotland and in Scandinavia, and a strong gale from the N.W. at Thorshavn. In the south and east of England the wind is light from between S. and E., but on our south-west coasts it has shifted to the N. Variable breezes prevail in France and Germany. A general fall of temperature has taken place over the United Kingdom the change being very marked in Ireland and Central England, the morning readings range from 50° at Scilly to 32° at Nottingham, and 31° at Buxton. Over Central France and South Germany the readings are below 35°, but in the west of Norway they are above 45°. The weather is fine over the greater part of these islands, France and Germany, but fog or mist is reported in places, and showers are falling on our north-west coasts. In Scandinavia the sky is cloudy, with rain at Haparanda and Karlstad. The sea is slight or smooth generally, but rough between Shetland and the Norwegian coast.

CHARTS

6th November, 1909.

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



FORECASTS

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b): W.ly to N.W. winds, strong at first, but moderating later, changeable, some showers; colder.

1, 2 (a, b): S.W.ly to W.ly or N.W.ly winds, light; fair generally, but slight showers locally; colder, frost at night.

3, 4 (a, b), 5: Calms and light variable airs; foggy or misty, slight rain locally; frost at night.

6 (a, b): Moderate W.ly and N.W.ly winds; some showers at first, then fair; colder.

7 (a, b): Light S.W.ly to N.W.ly winds; some showers at first, then fair; colder.

8 (a, b): Light N.ly and N.W.ly winds; fair generally, but misty or foggy in places; colder.

9 (a, b): Same as No. 7.

10 (a, b): Light N.ly breezes; fair; cold.

11 WESTERN CHANNEL AND BAY.
Light N.ly to N.E.ly breezes; and a slight sea; mostly fair, but misty or foggy in places; colder.

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 55° or slightly above it in most parts of Great Britain; frost occurred at night over the central parts of England and Ireland. At Oxford the thermometer on the grass fell to 26°. More than 8 hours of bright sunshine were recorded yesterday at several of our south coast stations, but in the northern parts of the Kingdom there was little or none. Rain has fallen at most of our western and northern stations. Wireless reports show that as far west as the 28th meridian steamers experienced yesterday moderate to strong breezes from the N.W.ly, with generally fair weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

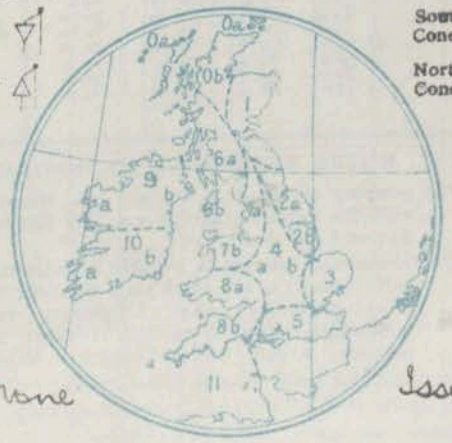
The trough of low pressure which exists at present over England is likely to fill up shortly, and the conditions over the United Kingdom generally will again become anticyclonic. Fog and mist are therefore probable in most districts, with a rather low temperature. The depression which lies off our northern coasts will pass away to Scandinavia.

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.



Issued.

Weller & Graham, Lt.d Litho, London

DAILY WEATHER REPORT. Saturday, 6th November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	53	50	r. o. bc	0.7	0.07
Dublin (City), to 4 p.m....	56	50	or. c	*	0.03
Rossall Beach, to 6 p.m.	52	48	crm. rm	*	0.02
Blackpool, to 9 p.m. ...	53	48	o	0.0	-
Southport, to 9 p.m. ...	53	49	o	0.0	-
Rhyl, to 6 p.m....	56	43	b. o	0.3	-
Colwyn Bay, to 6 p.m. ...	57	49	b. bc	2.5	-
Llandudno, to 9 p.m. ...	54	49	o	0.0	-
Bettws-y-Coed, to 6 p.m.	52	49	c	0.0	-
Towyn, to 6 p.m.					
Aberystwyth, to 6 p.m. ...	55	50	*	0.0	-
Plymouth, to 9 p.m. ...	59	46	bc. bv	7.0	-
Torquay, to 6 p.m.	57	50	*	5.6	-
Weymouth, to 6 p.m. ...	55	47	b. bc	7.7	-
Bournemouth, to 6 p.m....	55	43	b	7.7	-
Southsea, to 6 p.m.	56	37	*	8.0	-
Bognor, to 6 p.m.	54	43	w, b	8.1	0.01

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	55	39	m. bc. b	8.1	-
Brighton, to 6 p.m. ...	56	40	*	7.8	-
Seaford, to 6 p.m. ...	54	38	b	8.3	-
Eastbourne, to 6 p.m. ...	55	38	*	8.0	-
Bexhill-on-Sea, to 9 p.m.	54	45	b	8.5	-
Hastings	*	*	*	8.8	-
Folkestone, to 6 p.m. ...	54	38	b. bc. b	8.2	-
Ramsgate, to 6 p.m. ...	*	*	*	8.7	-
Margate, to 6 p.m.	56	42		7.8	-
Felixstowe, to 6 p.m. ...	51	43	*	6.1	-
Lowestoft, to 6 p.m. ...	53	46	om. c	2.1	-
Skegness, to 6 p.m.... ...	54	49	f, m. b	2.7	-
Scarborough, to 9 p.m. ...	58	50	o	0.0	-
Harrogate, to 6 p.m. ...	51	49	o	0.0	-
Buxton, to 6 p.m.	50	47	o. c. o	0.2	-
Darwen, to 9 p.m.	50	46	ogu. og	0.0	-
Manchester, to 9 p.m. ...	53	50	o	0.0	-
Birmingham, to 9 p.m....	56	44	o. c. b	4.2	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
5th Nov. 1909.				Ins.
Madeira	*68	*61	b. b	-
Marseilles	61	37	b. b	-
Malta	not	received		
Algiers...	70	55	o. bc	0.51
Tunis	73	54	r. m	0.47
Palermo	69	55	c. r	1.18
Naples...	60	49	b. b	0.24
Brindisi	66	54	r. r	0.06
Rome	64	50	b. b	-
Vienna...	46	39	o. o	-
St. Petersburg	43	37	r. r	0.04

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
5th Nov. 1909.				Ins.
Utrecht	54	41	o. c	-
Groningen	52	39	o. c	-
Zurich...	59	30	b. b	-
Geneva	46	39	b. c	-
Lugano	63	37	b. o	-
4th Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m. 0.04
Berne	46	*	o	-
Coire	48	*	bc	-
Castasegna...	59	*	b	-
Davos	37	*	bc	-

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Ivernia, Nov. 4th 4 a.m.	51 N	13 W	30.08	S	1-3	*	.	.	.	.
" " 7 a.m.	51 N	14 W	30.04	SSW	1-3	o	.	.	.	.
" " 3 p.m.	51 N	17 W	29.79	S	4-5	-	.	.	.	.
" " 6 p.m.	51 N	18 W	29.66	S	6-7	c	.	.	.	.
" 5th 4 a.m.	51 N	22 W	30.03	WNW	6-7	-	.	.	.	.
" " 7 a.m.	51 N	23 W	30.06	NW	4-5	bc	.	.	.	.
Philadelphia, Nov. 4th 3 p.m.	49 N	23 W	29.85	NW	6-7	*	.	.	.	.
" " 6 p.m.	49 N	22 W	29.87	WNW	6-7	bc.	.	.	.	.
" 5th 4 a.m.	50 N	17 W	29.94	NW	6-7	*	.	.	.	.
" " 7 a.m.	50 N	15 W	30.01	W	4-5	*	.	.	.	.
" " 3 p.m.	50 N	12 W	30.02	WNW	4-5	*	.	.	.	.
" " 6 p.m.	50 N	10 W	30.02	WNW	1-3	c	.	.	.	.
Canada, Nov. 4th 4 a.m.	48 N	37 W	30.23	NNW	4-5	*	.	.	.	.
" " 7 a.m.	48 N	36 W	30.27	NW	4-5	bc	.	.	.	.
" " 3 p.m.	45 N	34 W	30.30	WNW	4-5	*	.	.	.	.
" " 6 p.m.	49 N	32 W	30.27	WNW	4-5	bc	.	.	.	.
" 5th 4 a.m.	50 N	29 W	30.26	NW	4-5	*	.	.	.	.
" " 7 a.m.	50 N	28 W	30.26	NW	4-5	o	.	.	.	.
" " 3 p.m.	50 N	25 W	30.25	NW	4-5	*	.	.	.	.
" " 6 p.m.	50 N	23 W	30.23	NNW	6-7	bc	.	.	.	.

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.
Majestic, Nov. 5th 4 a.m.	51 N	15 W	29.98	NW	6-7	*
" " 7 a.m.	51 N	16 W	29.98	WNW	6-7	*
" " 3 p.m.	51 N	20 W	30.02	NW	4-5	*
" " 6 p.m.	51 N	21 W	30.08	NNW	6-7	*
Cymric, Nov. 5th 4 a.m.	51 N	14 W	29.95	W	6-7	*
" " 7 a.m.	51 N	15 W	29.96	WSW	6-7	*
" " 3 p.m.	51 N	18 W	29.93	WNW	6-7	*
" " 6 p.m.	51 N	19 W	29.98	WNW	6-7	*
Minnewaska, Nov. 4th 4 a.m.	48 N	36 W	30.32	NW	4-5	*
" " 7 a.m.	48 N	33 W	30.31	NW	4-5	*
" " 3 p.m.	48 N	33 W	30.34	NW	4-5	*
" " 6 p.m.	49 N	32 W	30.35	NW	4-5	*
" 5th 4 a.m.	49 N	28 W	30.31	NW	4-5	*
" " 7 a.m.	49 N	26 W	30.29	NW	4-5	*
" " 3 p.m.	49 N	24 W	30.26	NW	6-7	*
" " 6 p.m.	49 N	22 W	30.25	NW	4-5	*
Cedric, Nov. 4th 3 p.m.	49 N	30 W	? 30.17	NW	4-5	*
" " 6 p.m.	50 N	28 W	? 30.18	NW	6-7	*
" 5th 4 a.m.	50 N	25 W	? 30.12	WNW	4-5	*
" " 7 a.m.	50 N	23 W	? 30.11	NW	6-7	*
" " 3 p.m.	51 N	20 W	? 30.07	WNW	6-7	*
" " 6 p.m.	51 N	18 W	? 30.07	NW	4-5	*
" 6th 4 a.m.	51 N	14 W	? 30.08	NW	4-5	*
" " 7 a.m.	51 N	13 W	? 30.07	NW		*

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6 61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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.

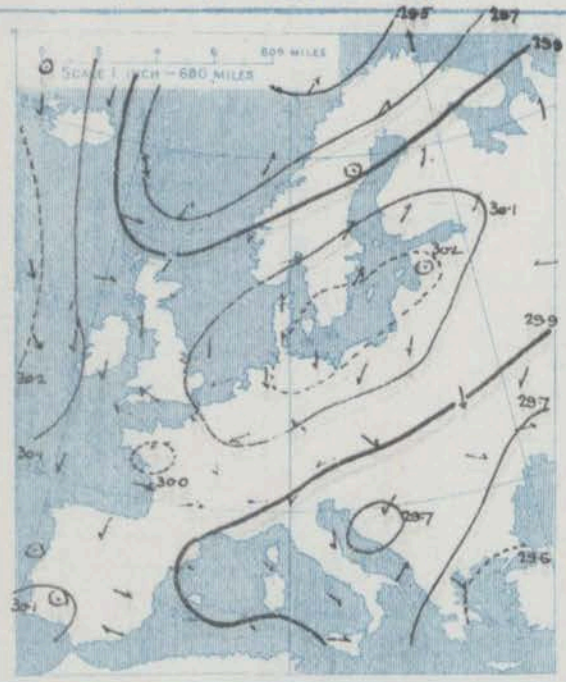
Sunday
7th November, 1909.

	STATIONS.	Yesterday Evening: Barom. At 32° Fahr. and M.S.L. Lat. 45°	Yesterday Evening: Temp. Dry Bulb.	Yesterday Evening: Wind. Direc.	Yesterday Evening: Wind. Force (0 to 12).	Yesterday Evening: Weather.	This Morning: Barometer. At 32° Fahr. and M.S.L. Lat. 45°	This Morning: Barometer. Change since Yesterday.	This Morning: Temperature. Dry Bulb.	This Morning: Temperature. Wet Bulb.	This Morning: Temperature. Change since Yesterday.	This Morning: Wind. Direc.	This Morning: Wind. Force (0 to 12).	This Morning: Weather.	This Morning: Sea (0 to 9).	Past 24 Hours: Temp. Max.	Past 24 Hours: Temp. Min.	Past 24 Hours: Weather.	Past 24 Hours: Sunshine.	Past 24 Hours: Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	29.41	39	SW	4	0	29.41	-.24	33	32	-6	W	2	bc	*	39	28	*	*	0.04
	Hernösand	29.60	43	S	4	0	29.71	-.12	37	35	0	W	2	b	*	46	27	*	*	-
	Stockholm	29.93	45	SSW	2	0	29.84	-.27	46	44	+12	WSW	2	0	*	45	34	*	*	-
	Wisby...	30.06	44	SW	4	0	29.95	-.21	45	43	+5	WSW	6	0	*	45	36	*	*	-
	Karlstad	29.89	49	SW	6	0	29.88	-.16	42	41	-2	Z	0	bc	*	*	*	*	*	-
	Færder (X'tania Fjord)	29.86	49	SW	6	0	29.86	-.13	45	42	-5	W	4	b	3	50	43	*	*	-
	Bodö	29.39	40	SW	6	r	29.67	+.11	38	36	-10	W	4	c	2	48	36	*	*	0.16
	Christiansund ...	29.56	46	SW	4	r	29.94	+.27	41	39	-7	WNW	4	0	3	?	41	*	*	0.32
	Skudesnaes ...	29.91	47	WSW	6	0	30.00	+.09	42	41	-4	NW	2	c	4	50	41	0	*	0.20
ICELAND & FAEROE.	Isafjord	29.99	38	Z	0	r	29.58	-.59	44	*	+14	SW	7	c	*	*	*	*	*	*
	Reykjavik	30.11	33	Z	0	0	29.81	-.32	41	*	+11	E	5	0	*	*	*	*	*	*
	Seydisfjord... ...	30.02	37	WSW	3	0	29.93	-.08	38	*	+6	Z	0	0	*	*	*	*	*	*
	Thorshavn	30.02	34	NW	2	c	30.21	+.58	33	*	+5	Z	0	0	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.89	42	NW	4	0	30.14	+.58	37	36	-9	NW	1	c	2	47	36	0.0	*	0.10
	Stornoway	30.08	40	N	3	b	30.27	+.42	36	35	-7	NW	2	bc	2	45	34	bcpq.cp.bcp	3.6	0.09
	Castlebay (Barra Hd.)	30.14	43	N	3	bcp	30.27	+.29	41	39	-4	NNE	3	cp	3	48	40	bcp.bc.bcp	5.3	0.07
	Malin Head ...	30.18	46	N	2	bc	30.27	+.27	43	43	-3	SW	3	cm	2	48	?43	bcmbc.cmd	*	0.02
	Blacksod Pt. ...	30.19	45	NW	2	bc	30.31	+.24	40	39	-8	NW	1	bc	2	51	35	bcp	*	0.05
	Valencia	30.21	46	NNW	2	bc	30.30	+.19	36	35	+1	ENE	1	c	3	51	34	b.c.bp	8.1	0.02
	Roche's Point ...	30.18	44	NNE	2	b	30.28	+.18	38	38	-2	N	2	b	1	52	38	b.bq.bw	*	0.02
	Birr Castle ...	30.17	41	Z	0	b	30.31	+.20	27	26	-6	Z	0	bc	*	50	25	b	7.8	-
	Donaghadee ...	30.14	43	SSW	1	b	30.24	+.18	40	40	+2	SSW	1	c	2	50	36	bc.vg	*	0.04
	Liverpool Obsy...	30.13	47	W	1	bc	30.19	+.12	41	39	-5	NW	2	b	2	47	41	or.c	0.0	0.02
	Holyhead	30.12	48	N	2	b	30.22	+.17	47	44	0	NNE	4	bc	3	50	44	b	*	-
	Pembroke (St. Ann's Hd.)	30.11	47	NNE	3	b	30.18	+.14	43	42	-5	N	2	cp	3	51	41	vg.cg.bc	0.0	0.06
	Scilly (St. Mary's) ...	30.04	51	N	4	cm	30.16	+.15	50	48	0	N	3	c	1	55	48	c,cm	3.1	-
	Jersey (St. Aubins) ...	30.04	48	SE	2	b	30.06	-.02	41	40	+2	NE	3	o	3	56	38	bmbc.cg.cgm	8.8	-
	Portland Bill ...	30.03	50	E	1	b	30.09	+.07	45	44	-1	NNE	2	m	2	55	42	b	8.0	-
	Dungeness	30.06	49	SSE	2	b	30.04	-.04	38	38	-11	NW	3	f	2	55	34	b, bcf	8.6	-
	Dover	*	*	*	*	*	30.09	-.03	43	42	-5	NNW	3	m	1	53	40	b.of	8.4	-
	Wick	30.04	43	SW	2	r	30.18	+.43	36	35	-8	N	1	c	2	46	34	-	*	0.10
	Nairn	30.06	42	Z	0	c	30.22	+.37	36	35	-8	W	1	bc	1	47	35	bc.bcw.bc	7.0	-
	Aberdeen	30.05	41	W	1	b	30.22	+.30	36	36	-7	WNW	3	bc	2	51	35	b.bcp	6.5	0.02
	Leith	30.05	45	W	1	b	30.20	+.22	38	36	-7	WSW	1	bc	*	50	37	b.f	*	-
	North Shields ...	30.09	47	W	2	c	30.19	+.16	38	37	-10	NW	2	bc	2	51	35	c.p.c	0.6	-
	Spurn Head ...	30.07	48	NNW	2	c	30.10	+.04	40	39	-2	NNW	3	b	2	54	39	bc.c.bc	*	-
	Yarmouth	30.08	48	S	1	bc	30.07	-.04	45	44	-1	NW	1	bc	3	56	43	bc.bcm.bc	6.4	-
	Clacton-on-Sea ...	30.07	49	ESE	1	b	30.08	-.02	43	43	-6	NW	2	m	1	56	40	b,bcbm.f.cm	8.6	-
	Nottingham ...	30.08	49	NW	1	0	30.16	+.07	39	38	+7	N	2	b	*	50	29	bcm.cr	1.6	0.03
	Bath	30.08	40	Z	0	m	30.16	+.08	41	40	+10	Z	0	0	*	52	31	-	7.2	-
	Oxford	30.12	41	NNW	2	b	30.16	+.05	44	43	+13	N	2	c	*	52	31	b.bm	*	-
	London (St. James's Pk)	30.07	43	Z	0	m	30.10	+.01	44	43	+4	N	2	bcw	*	55	38	b.m	4.1	-
GERMANY, &c.	The Scaw (Skagen)	29.97	49	W	3	0	29.93	-.14	47	45	-1	WNW	3	0	1	50	45	*	*	-
	Fanö	30.07	45	SW	6	0	30.02	-.16	47	46	0	WSW	2	c	*	48	45	*	*	-
	Cuxhaven†... ...	30.18	42	S	1	b	30.03	-.11	34	31	-10	SSW	2	bcx	*	46	34	*	*	-
	The Helder ...	30.12	45	S	1	0	30.07	-.10	42	42	-4	S	1	m	0	48	42	*	*	-
	Brussels	*	*	*	*	*	30.07	-.08	33	32	-6	Z	0	b	*	51	30	*	*	-
	Berlin†..	30.19	46	Z	0	0	30.12	-.12	43	41	+4	SE	2	0	*	46	36	*	*	-
	Frankfurt†	30.13	36	NE	4	b	30.10	-.10	33	33	-1	N	3	c	*	50	30	*	*	-
	Munich†	30.13	34	E	2	b	30.10	-.08	37	38	+4	SE	2	0	*	45	30	*	*	-
FRANCE.	C. Gris Nez ...	30.09	45	E	2	m	30.07	-.04	45	44	+3	E	1	m	1	52	41	*	*	-
	La Hève	30.04	46	E	2	m	30.09	-.01	43	40	+3	E	1	m	0	52	39	*	*	-
	Brest	30.07	50	NE	2	b	30.10	+.04	48	46	+1	NNE	3	b	2	54	45	*	*	-
	Lorient	?	51	NE	2	bc	?	?	47	46	+4	NE	3	c	2	55	?43	*	*	-
	Rochefort	29.94	45	SSW	1	b	30.01	+.01	41	41	0	S	1	m	*	45	39	b	*	-
	Biarritz	30.01	57	W	2	0	29.99	-.02	54	52	-1	SW	4	0	2	59	46	*	*	-
	Paris	30.06	40	NE	2	b	30.05	-.04	29	29	-4	NE	1	b	*	51	29	*	*	-
	Belfort...	30.06	40	ENE	5	m	30.08	-.00	32	31	0	ENE	4	m	*	46	32	*	*	-
	Lyons	30.04	40	NE	1	b	30.08	+.02	32	32	-2	N	1	b	*	46	30	*	*	-
	Nice	29.93	52	Z	0	b	29.93	+.02	52	45	+4	NE	2	b	2	63	48	*	*	-
	Perpignan	29.95	48	Z	0	b	30.00	+.07	48	47	0	Z	0	0	*	62	42	*	*	-
	Sanguinaire ...																	*	*	
SPANISH PENIN.	Corunna	30.00	63	NE	1	c	30.09	+.04	54	52	+2	NE	1	0	3	63	50	*	*	-
	Lisbon	30.00	57	SSE	3	b	30.00	-.07	54	54	0	NE	4	r	*	63	54	*	*	1.14
	Azores (P. Delgada)...	30.18	56	NNE	4	b	30.10	-.13	56	50	-1	NNE	4	bc	3	64	55	*	*	0.04
	" Horta ...	30.27	62	NE	5	c	30.22	-.11	59	55	-2	NE	5	c	4	66	57	*	*	0.08

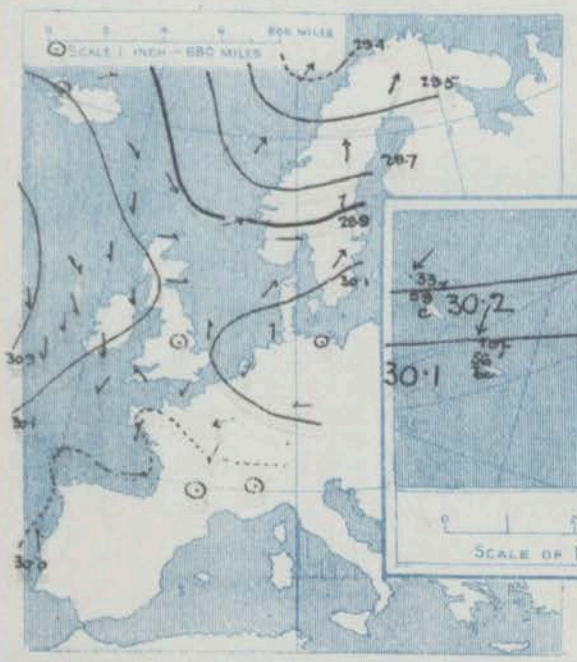
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

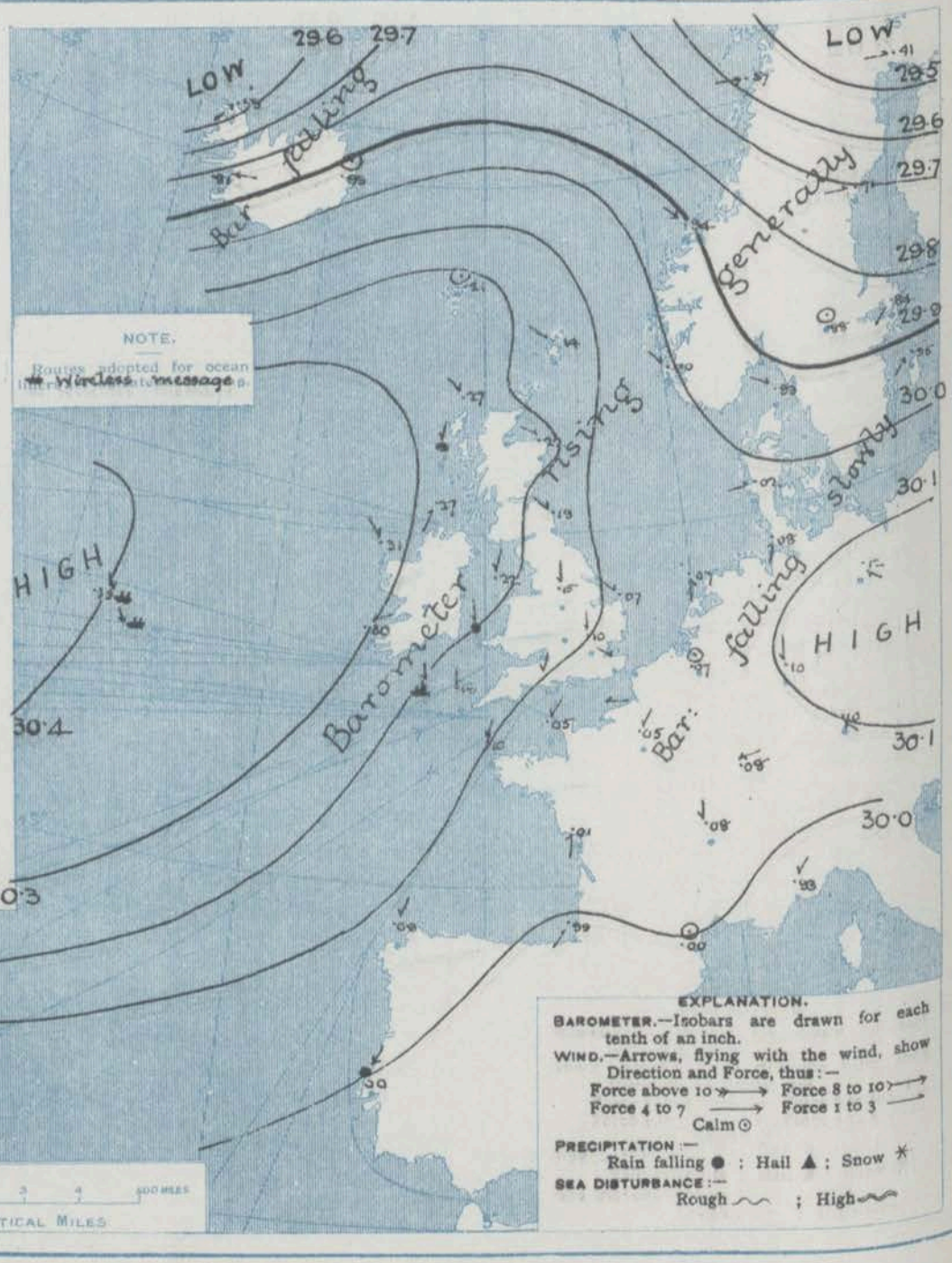


6 P.M. YESTERDAY



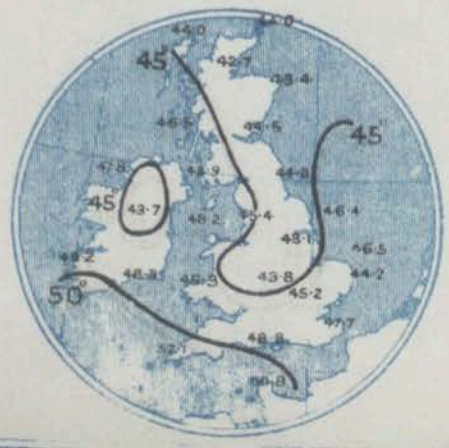
Sunday, WEATHER 7th Nov.

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



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

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



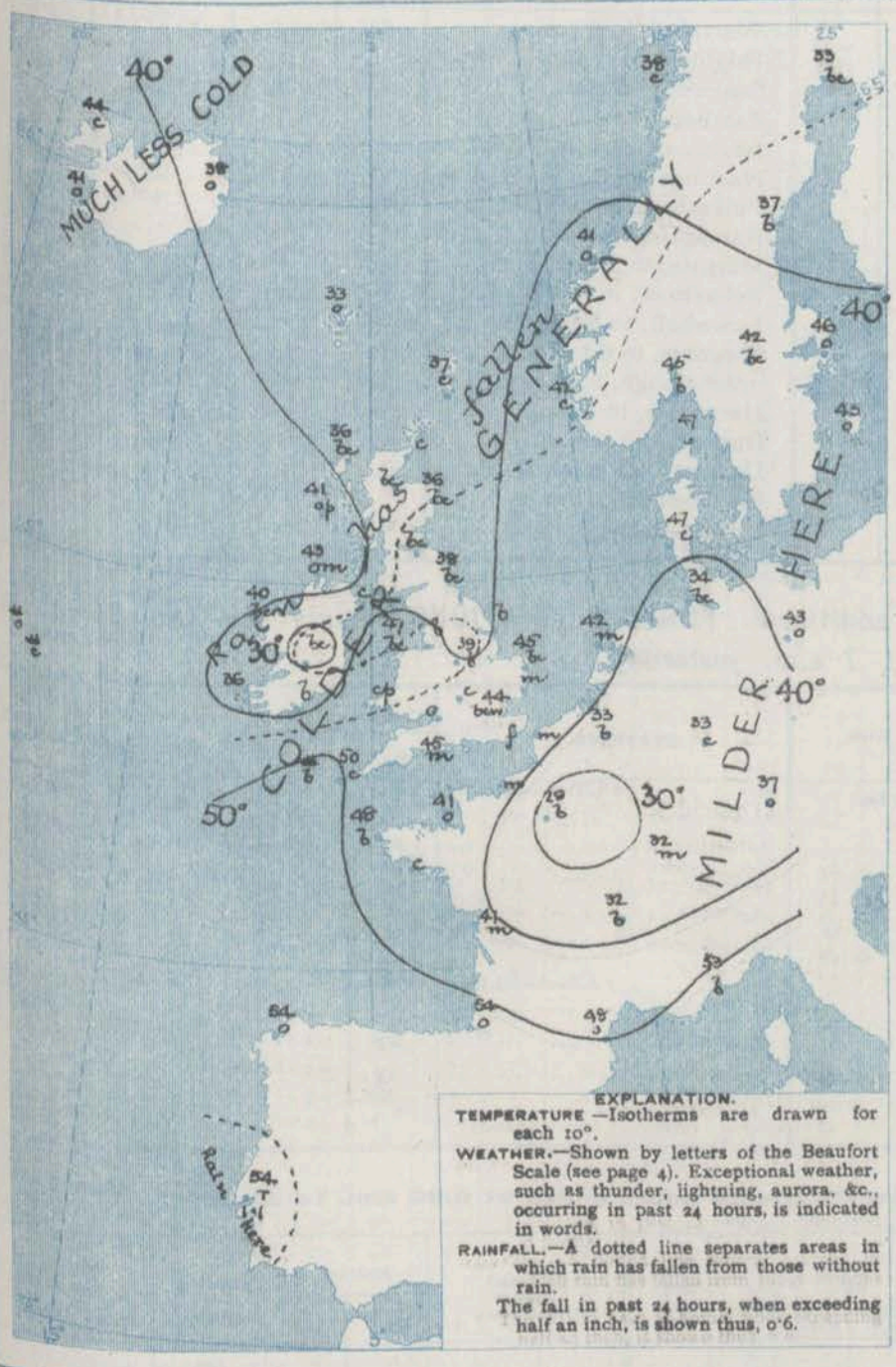
NOTES ON THE GENERAL SITUATION AT 7 A.M

The high pressure system which recently lay over Southern England has passed eastward, and the barometer is above 30·1 ins. in Germany. Another anticyclone has, however, spread over Western Europe from the Atlantic, and pressure has now increased to 30·3 ins. in the west of Ireland. In a depression over Northern Scandinavia the barometer is below 29·5 ins., and in another between Iceland and Greenland, below 29·6 ins. There is a considerable gradient across Iceland and Northern Scandinavia, elsewhere it is slight.

Light N.E.ly breezes prevail over the British Isles, W.ly to N.W.ly over Scandinavia, calms and variable airs over Western Europe, and strong S.ly winds in Iceland. At the home stations temperature ranges from 27° at Ben Castle to 50° at Scilly; over Western Europe from 29° at Paris to 54° at Biarritz, Corunna and Lisbon; in Scandinavia from 33° at Haparanda to 46° at Stockholm; and in Iceland from 38° to 44°. The weather varies at home and abroad, from fine and clear to very cloudy or overcast, with showers at Castlebay and Pembroke, heavy rain at Lisbon. Over Southern England the atmosphere is misty to foggy. The sea is slight to very smooth on all coasts.

CHARTS 7th November, 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.

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

11 WESTERN CHANNEL AND BAY.

Notes on Yesterday's Weather.

During yesterday temperature rose above 50° in most parts of the United Kingdom, to 59° at Margate. Showers fell at many northern and western stations, and much mist or fog was experienced in the south and east of England. A few western localities had no bright sunshine or less than an hour, but generally the records were good, exceeding 8 hours in several places. Wireless reports from the Atlantic show that ships experienced light to strong N.ly winds and fine to dull weather as far west as the 28th meridian.

General Inference from the 7 A.M. Observations.

Forecast Districts.

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

Signals hoisted yesterday.

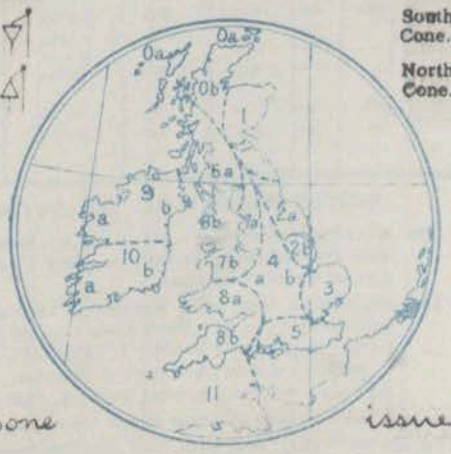
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



None issued.

Weller & Graham, Ltd. Litho, London

DAILY WEATHER REPORT. Sunday, 7th November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m. ...	50	44	o. b. bc	2.8	0.11
Dublin (City), to 4 p.m....	50	36	o. sw. bc	-	-
Rossall Beach, to 6 p.m.	53	45	cr. c	*	0.06
Blackpool, to 9 p.m. ..	52	43	r. o. bc. b	0.2	0.08
Southport, to 9 p.m. ...	52	48	o. or. bc. b	0.0	0.09
Rhyl, to 6 p.m....	54	40	o. c. r. o	0.5	0.12
Colwyn Bay, to 6 p.m. ...	51	44	bc. o	0.7	0.15
Llandudno, to 9 p.m. ...	52	42	dp. o	0.3	-
Bettws-y-Coed, to 6 p.m.					*
Towyn, to 6 p.m.					
Aberystwyth, to 6 p.m. ...	53	49		0.0	0.06
Plymouth, to 9 p.m. ...	55	38	bc. b	7.6	-
Torquay, to 6 p.m.	55	39		7.2	-
Weymouth, to 6 p.m. ...	56	37	b	8.0	-
Bournemouth, to 6 p.m. ..	55	34	b. m	7.7	-
Southsea, to 6 p.m.					
Bognor, to 6 p.m.	55	35	b	8.7	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	57	40	b. bm f	8.6	*
Brighton, to 6 p.m. ...	*	*	*		
Seaford, to 6 p.m. ...	55	41	b	7.6	
Eastbourne, to 6 p.m. ...			*		
Bexhill-on-Sea, to 9 p.m.					
Hastings	*	*	*	8.8	*
Folkestone, to 6 p.m. ...	54	42	b	8.3	
Ramsgate, to 6 p.m. ...	*	*	*	8.4	
Margate, to 6 p.m.	54	46	b	7.8	
Felixstowe, to 6 p.m. ...	54	47	*	7	
Lowestoft, to 6 p.m. ...					
Skegness, to 6 p.m.... ...	53	40	b. m	6.5	
Scarborough, to 9 p.m. ...	54	46	or	0.0	0.02
Harrogate, to 6 p.m. ...	51	45	ou. o	0.0	0.01
Buxton, to 6 p.m.	49	42	o. mgf. c	0.0	
Darwen, to 9 p.m.	49	39	our. bc	0.0	0.11
Manchester, to 9 p.m. ...					
Birmingham, to 9 p.m....	49	38	0.0	1.3	

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
6th November, 1909	*	*		Ins.
Madeira	68	63	c. o	-
Marseilles	59	43	b. c	-
Malta	66	52	c	0.12
Algiers...	68	55	bc. b	0.03
Tunis	68	54	bc. o	0.55
Palermo	63	46	b. c	0.35
Naples...	56	45	c. b	-
Brindisi	56	41	b. b	-
Rome	60	44	b. bc	-
Vienna...	41	39	r. r	0.12
St. Petersburg	41	39	o. o	0.04

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain.
6th November, 1909.				Ins.
Utrecht	50	43	b. f	*
Groningen	52	43	o. o	-
Zurich...	*	*	b. b	-
Geneva	*	*	b. c	-
Lugano	*	*	b. b	-
5th November, 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	45	*	b	-
Coire	43	*	b	-
Castasegna...	57	*	b	-
Davos	37	*	b	-

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	Ins.				°	°	°	
Columbia, 4th Oct. 3pm	52 N	31 W	30.16	NW	4-5	-	-	-	-	-
" 6pm	52 N	29 W	30.11	WNW	6-7	c	-	-	-	-
5th " 4am	53 N	26 W	30.00	WNW	6-7	-	-	-	-	-
" 7am	51 N	25 W	30.01	WNW	6-7	c	-	-	-	-
" 3pm	51 N	20 W	29.97	NW	6-7	-	-	-	-	-
" 6pm	54 N	19 W	29.99	NW	6-7	c	-	-	-	-
6th " 4am	55 N	15 W	30.11	NNW	4-5	-	-	-	-	-
" 7am	55 N	14 W	30.21	NNW	4-5	bo	-	-	-	-
Canada, 6th " 4am	51 N	20 W	30.27	NW	6-7	-	-	-	-	-
" 7am	51 N	17 W	30.26	N	6-7	bo	-	-	-	-
Minnewaska, 6th " 4am	49 N	18 W	30.22	NNW	6-7	-	-	-	-	-
" 7am	47 N	16 W	30.21	NNW	6-7	b	-	-	-	-
" 3pm	49 N	14 W	30.21	N	4-5	-	-	-	-	-
" 6pm	49 N	12 W	30.21	N	4-5	b	-	-	-	-
Dominion, 6th " 4am	51 N	11 W	30.06	NW	1-3	-	-	-	-	-
" 7am	51 N	13 W	30.14	N	1-3	bc	-	-	-	-

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			
Dominion, 6th Oct. 3pm	51 N	16 W	30.27	N	4-5	c
" 6pm	51 N	18 W	30.30	N	4-5	
Minneapolis, 6th " 3pm	50 N	14 W	30.10	N	6-7	b
" 6pm	50 N	18 W	30.17	N	6-7	
St Louis, 7th " 4am	50 N	6 W	30.03	NNE	4-5	b
" 7am	50 N	7 W	30.09	N	1-3	

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6 61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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, 8th November, 1909.

	STATIONS.	Yesterday Evening: Barom. At 32° Fahr. and M.S.L. Lat. 45°	Yesterday Evening: Temp. Dry Bulb.	Yesterday Evening: Wind Direc.	Yesterday Evening: Wind Force (0 to 12).	Yesterday Evening: Weather.	This Morning: Barometer. At 32° Fahr. and M.S.L. Lat. 45°	This Morning: Barometer. Change since Yesterday.	This Morning: Temperature. Dry Bulb.	This Morning: Temperature. Wet Bulb.	This Morning: Temperature. Change since Yesterday.	This Morning: Wind. Direc.	This Morning: Wind. Force (0 to 12).	This Morning: Weather.	This Morning: Sea (0 to 9).	Past 24 Hours: Temp. Max.	Past 24 Hours: Temp. Min.	Past 24 Hours: Weather.	Past 24 Hours: Sunshine.	Past 24 Hours: Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	20·66	34	NW	4	b	29·93	+·52	23	23	-10	Z	0	b	*	39	?23	*	*	-
	Hernösand	29·94	36	SW	4	b	30·03	+·52	27	26	-10	Z	0	b	*	43	?27	*	*	-
	Stockholm	30·01	36	W	2	b	30·14	+·30	31	30	-15	NW	2	b	*	46	?31	*	*	-
	Wisby	29·97	47	NW	4	c	30·10	+·15	42	38	-3	NE	6	bc	*	48	36	*	*	0·08
	Karlstad	30·10	35	NW	2	b	30·21	+·33	30	29	-12	Z	0	b	*	*	*	*	*	-
	Færder (X'tania Fjord)	30·08	44	N	2	b	30·19	+·33	38	35	-7	NNE	1	b	1	46	36	*	*	-
	Bodö	29·84	37	W	3	c	29·95	+·18	37	35	-1	SE	2	c	1	38	32	*	*	0·08
	Christiansund ...	30·13	40	WNW	2	c	29·96	+·02	42	37	+1	SW	4	c	3	42	39	*	*	0·08
	Skudesnaes ...	30·16	41	N	4	b	30·23	+·23	38	37	-4	N	2	c	2	45	36		*	-
ICELAND & FAEROE.	Isafjord	29·36	42	SW	7	c	29·22	-·36	41	*	-3	SW	8	c	*	*	*	*	*	*
	Reykjavik	29·59	44	SW	5	r	29·40	-·41	41	*	0	SW	7	c	*	*	*	*	*	*
	Seydisfjord	29·48	56	NW	6	bc	29·31	-·62	43	*	+5	SW	7	b	*	*	*	*	*	*
	Thorshavn	30·09	45	SW	5	c	29·70	-·51	49	*	+16	WSW	7	c	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30·25	37	NW	1	b	30·04	-·10	45	42	+8	W	5	c	3	45	?37	bc. w	*	0·01
	Stornoway	30·31	38	W	1	bc	30·15	-·12	47	46	+11	SW	5	cq	5	47	33	b. bc. cq	6·1	-
	Castlebay (Barra Hd.)	30·36	41	Z	0	b	30·25	-·02	48	47	+7	WSW	4	cp	3	49	39	c. b. cp	7·0	-
	Malin Head ...	30·34	46	NNE	2	bc	30·31	+·04	40	39	-3	S	3	bc	2	47	39	bc	*	-
	Blacksod Pt. ...	30·35	46	N	1	bc	30·32	+·01	48	45	+8	WSW	2	c	3	50	36	bc	*	-
	Valencia	30·36	43	NE	1	b	30·45	+·13	51	50	-5	NE	1	bx	3	49	30	c. b. bc	7·5	-
	Roche's Point ...	30·35	42	NNE	3	b	30·43	+·15	36	35	-2	NNW	2	b	2	48	35	b. bx	*	0·02
	Birr Castle ...	30·35	38	Z	0	b	30·45	+·14	25	24	-2	Z	0	b	*	47	23	b	6·3	-
	Donaghadee ...	30·33	45	NNE	3	bc	30·40	+·16	33	33	-7	WSW	1	c	1	46	33	bc	*	-
	Liverpool Obsy. ...	30·29	42	N	3	b	30·41	+·22	38	36	-3	NNE	1	b	1	46	37	b. bx	8·6	-
	Holyhead	30·28	46	NE	3	bc	30·39	+·17	39	37	-8	SE	1	c	1	48	37	bc	*	-
	Pembroke (St. Ann's Hd.)	30·25	44	NE	3	bc	30·36	+·18	39	38	-4	NE	3	bmx	3	50	37	cp. bcp. c	4·0	0·01
	Scilly (St. Mary's) ...	30·18	50	NNE	3	c	30·31	+·15	47	44	-3	NNE	3	bc	1	55	46	c	3·2	-
	Jersey (St. Aubins) ...	30·13	50	NE	2	c	30·23	+·18	45	40	+4	NNE	4	o	3	52	41	ogpcm. og	0·6	0·01
	Portland Bill ...	30·16	45	NNE	2	b	30·27	+·18	40	39	-5	NNE	4	bm	3	51	38	z	5·2	-
	Dungeness	30·10	45	N	3	c	30·22	+·18	39	38	+1	N	3	bc	3	50	37	cf. c. bc	0·0	-
	Dover	*	*	*	*	*	30·26	+·17	44	44	+1	NNE	1	r	?5	50	42	o. c. op. c. r	0·0	0·08
	Wick	30·32	39	NW	2	c	30·15	-·03	39	37	+3	W	2	c	2	43	30	-	*	-
	Nairn	30·34	32	Z	0	b	30·22	·00	38	35	+2	WSW	2	bc	1	43	26	b. bc. b	4·6	-
	Aberdeen	30·34	36	NW	2	bc	30·28	+·06	30	29	-6	WSW	1	b	2	43	29	bcp. bx	4·6	0·02
	Leith	30·29	44	WNW	1	bc	30·32	+·12	31	29	-7	SSW	1	bm	*	45	29	b. bc. bw	*	-
	North Shields ...	30·30	41	NW	2	bc	30·38	+·19	32	31	-6	WNW	2	b	2	47	30	p. bc	4·1	0·02
	Spurn Head ...	30·19	46	NNE	4	c	30·33	+·23	39	38	-1	NW	4	cpw	3	48	38	cpw. bcp	*	0·05
	Yarmouth	30·17	47	N	3	c	30·27	+·20	46	42	+1	NNE	3	bc	4	50	44	c. bcp	1·8	0·03
	Clacton-on-Sea ...	30·14	47	NNW	3	c	30·27	+·19	39	38	-4	NNW	3	bc	2	51	39	c. bc. cp	5·0	-
	Nottingham ...	30·24	42	N	2	b	30·37	+·22	37	36	-2	N	3	b	*	48	36	b. bcp. b	6·7	-
	Bath	30·20	42	Z	0	b	30·37	+·21	31	31	-10	Z	0	m	*	49	29	-	6·7	-
	Oxford	30·26	40	N	2	b	30·38	+·22	34	33	-10	N	2	b	*	50	33	b	*	-
	London (St. James's Pk)	30·16	46	NNE	1	b	30·30	+·20	38	37	-6	NNE	3	b	*	49	38	c. bc. b	0·3	-
GERMANY, &c.	The Scaw (Skagen)	30·06	45	NE	4	b	30·10	+·26	42	38	-5	ENE	1	b	1	48	41	*	*	-
	Fanö	30·10	39	NNW	1	b	30·19	+·17	35	34	-12	N	2	b	*	50	34	*	*	-
	Cuxhaven†	30·07	43	Z	0	0	30·17	+·09	36	96	+2	S	2	f	*	43	?34	*	*	0·08
	The Helder ...	30·12	48	NE	2	r	30·24	+·17	46	43	+4	NE	1	bc	1	48	42	*	*	0·08
	Brussels	*	*	*	*	*	30·20	+·13	43	42	+10	NE	1	o	*	48	32	*	*	0·04
	Berlin†	30·09	42	Z	0	0	30·17	+·05	41	79	-2	NW	2	o	*	45	41	*	*	-
	Frankfurt†	30·09	39	N	3	0	30·17	+·07	35	90	+2	N	3	o	*	43	30	*	*	-
	Munich†	30·07	37	E	2	o	30·15	+·05	35	95	-2	NW	2	o	*	39	34	*	*	-
FRANCE.	C. Gris Nez ...	30·12	51	NNE	6	o	30·19	+·12	45	43	0	E	2	o	2	52	41	*	*	0·39
	La Hève	30·10	46	NE	3	m	30·21	+·12	46	45	+3	NE	4	c	3	52	43	*	*	0·08
	Brest	30·14	50	NE	2	m	30·25	+·15	45	43	-3	NE	4	o	2	52	43	*	*	-
	Lorient	?	50	ENE	3	o	?	?	46	46	-1	N	4	bc	2	54	45	*	*	-
	Rochefort	30·06	43	NE	2	m	30·15	+·14	37	37	-4	ENE	2	m	*	50	36		*	-
	Biarritz	30·05	67	WSW	3	o	30·11	+·12	50	50	-4	ENE	4	o	2	59	48	s	*	0·04
	Paris	30·06	37	N	2	b	30·17	+·12	34	34	+5	NE	2	o	*	47	29	*	*	-
	Belfort	30·06	35	ENE	4	f	30·14	+·06	34	33	+2	ENE	6	m	*	42	32	*	*	-
	Lyons	30·04	42	NNW	6	b	30·08	·00	38	37	+6	Z	0	o	*	48	30	*	*	-
	Nice	29·91	50	Z	0	b	29·94	+·01	46	42	-7	E	4	b	2	63	36	*	*	-
	Perpignan	29·97	52	W	2	b	30·02	+·02	51	46	+3	W	3	b	*	62	48	*	*	-
	Sanguinaire ...	?29·96	62	W	2	bc	?30·01		57	54		E	4	m	4	68	48	*	*	-
SPANISH PENIN.	Corunna																	*	*	
	Lisbon																	*	*	
	Azores (P. Delgada) ...														*			*	*	
	" Horta ...	30·19	62	NE	5	o	30·18	-·05	63	57	+4	NE	5	o	4	64	59	*	*	-

For NOTES see Page 4.

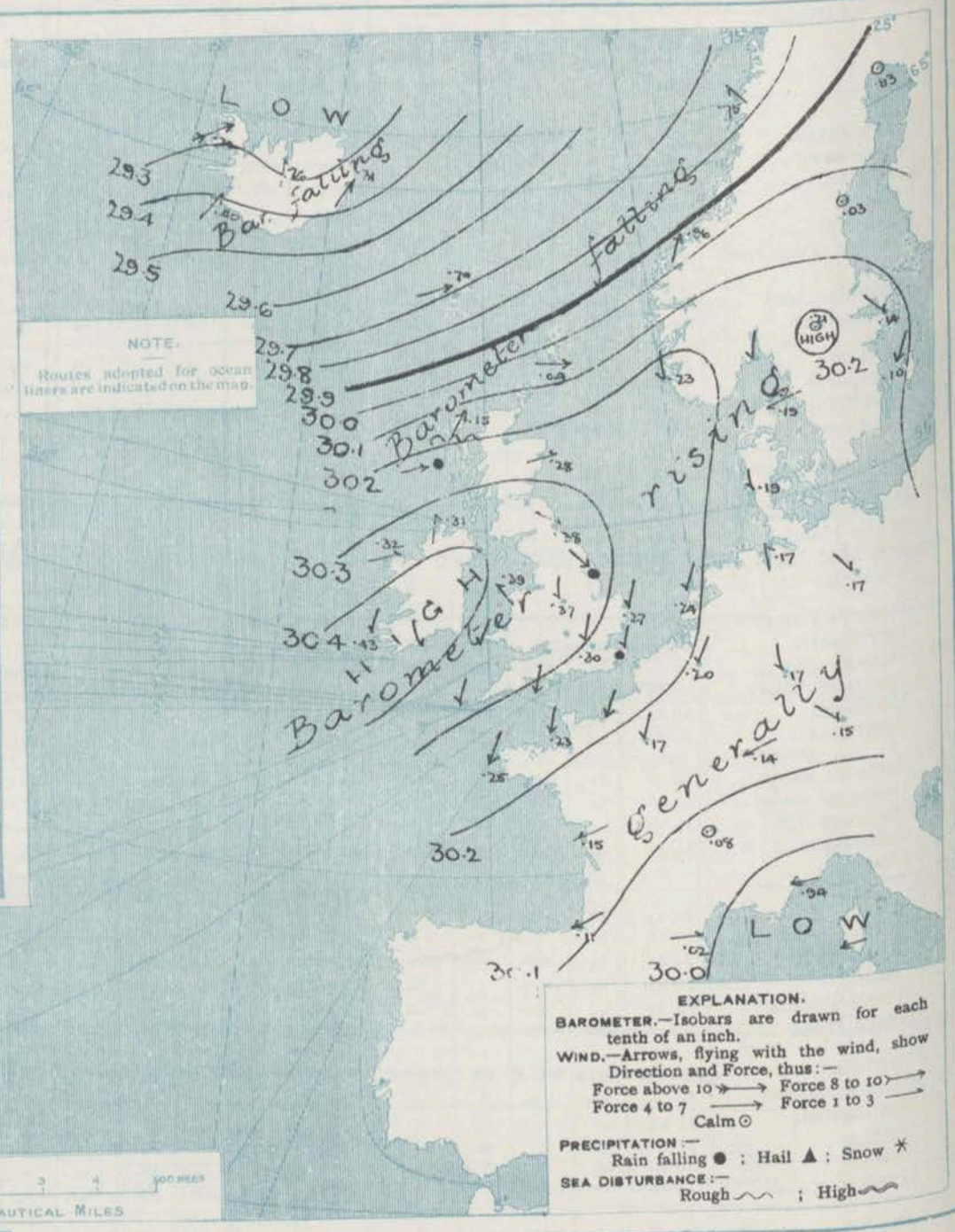
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND FOR 7 A.M. AND 6 P.M. YESTERDAY

Monday, **WEATHER** 8th Nov.

7 A.M. YESTERDAY.

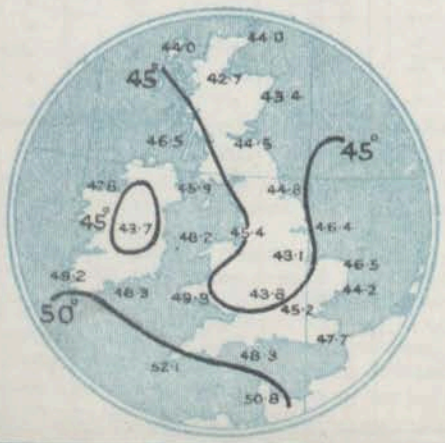
6 P.M. YESTERDAY.

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



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

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



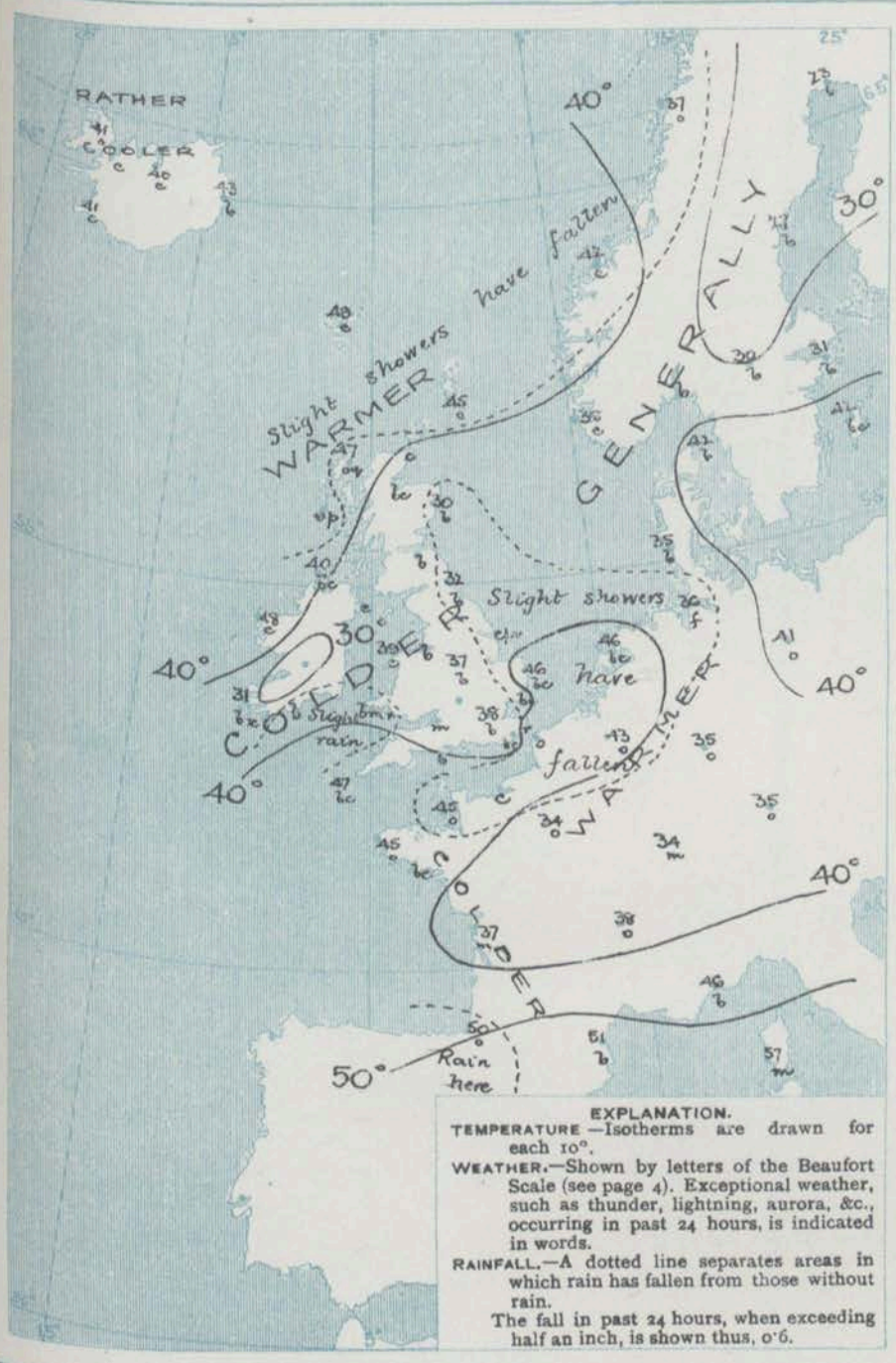
NOTES ON THE GENERAL SITUATION AT 7 A.M

An anticyclone still extends from the Atlantic over the greater part of the United Kingdom and the North Sea, the highest pressures being found over Ireland and the neighbouring oceanic regions. A large depression, in which readings are below 29·3 ins., lies to the northward of Iceland, and is causing a fall of the barometer on our own northern coasts, as well as in the west of Norway.

Over our own southern districts and in France and the Netherlands the wind is light to moderate from the N.W. or N.E. The depression in the far north is causing high winds from S.W. in Iceland and the Faeroe, and freshening breezes from the same quarter or from W. on our own extreme northern coasts. The S.W. winds in the extreme north and northwest are accompanied by a rising temperature, the morning readings being mostly a little above 45°. In other parts of the United Kingdom the thermometer is low,—slightly below the freezing point in the south of Ireland, and the northeast of Great Britain. Frost prevails also in Sweden. The weather is fair or fine over Western Europe as a whole, but showers are falling on some parts of our own east and southeast coasts, as well as in the Southern Hebrides. The sea is slight or smooth generally, but rather rough in the Minch.

CHARTS 8th November, 1909.

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



FORECASTS

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b) S.SW.ly and SW.ly winds, increasing in strength; mild; unsettled, some rain.

1 S.SW.ly and SW.ly winds, light or moderate; fine at first, some showers later. Becoming temporarily milder.

2 (a, b) N.SW.ly to SW.ly winds, moderate; fine generally. Frost to-night.

3, 4 (a, b), 5 N.ly to N.NW.ly winds, light; fine generally, but misty or foggy in places. Frost at night.

6 (a, b) S.SW.ly and SW.ly winds, freshening; mild; cloudy, some showers.

7 (a, b) Same as No. 2.

8 (a, b) N.ly winds, light; fine generally, but misty or foggy in places. Frost inland at night.

9 (a, b) Same as No. 1.

10 (a, b) N.ly to N.NW.ly winds, light; fine generally. Rather warmer.

11 WESTERN CHANNEL AND BAY.
Light to moderate N.E.ly winds, with fair weather and a slight to moderate sea.

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards at several of the English stations, and to 55° at Brighton and Scilly; in the north of Scotland it did not reach 45°. Frost occurred at night at most of our northern and central stations; at Oxford the thermometer on the grass fell to 27°. Very little bright sunshine was recorded in the south-east of England, but in other districts the amount was considerable. Showers fell yesterday at several of our east coast stations, and lightning was seen at Dover. Wireless reports from the Atlantic show that as far west as the 19th meridian ships experienced yesterday light to moderate N.ly breezes, and fair, but cloudy weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression over Iceland is likely to extend somewhat in a S.ly direction, and will cause a considerable increase of wind from S.W. and W. on our extreme northern coasts. In other parts of the United Kingdom the weather will remain for the present under the influence of the Atlantic anticyclone, and will, therefore, be generally fair and dry, with sharp frost at night in all the inland districts.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

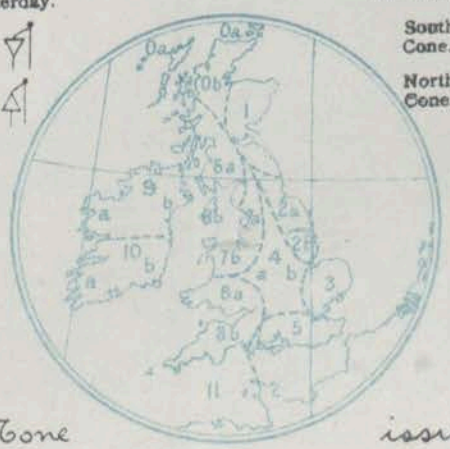
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



None issued

Weller & Graham, Ltd. Litho, London.

DAILY WEATHER REPORT. Monday 8th November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs	Rainfall. Ins.
Oban, to 6 p.m.	50	33	b	7.6	-
Dublin (City), to 4 p.m. ...	47	33	bmoc.c.bc	-	-
Rossall Beach, to 6 p.m.	45	23	bc.bc.c	*	-
Blackpool, to 9 p.m. ...	46	28	b	8.0	-
Southport, to 9 p.m. ...	46	30	b	7.2	-
Rhyl, to 6 p.m....	43	38	c.bc.o.r	1.7	0.05
Colwyn Bay, to 6 p.m. ...	47	43	bc.o	4.8	0.03
Llandudno, to 9 p.m. ...	48	41	o.bc	5.5	-
Bettws-y-Coed, to 6 p.m.				*	
Towyn, to 6 p.m.					
Aberystwyth, to 6 p.m. ...	48	34		6.3	0.01
Plymouth, to 9 p.m. ...	51	40	bc.b	6.9	-
Torquay, to 6 p.m.	54	41		7.4	-
Weymouth, to 6 p.m. ...	51	40		5.2	-
Bournemouth, to 6 p.m. ...	51	39	o.o.bc.b	5.0	-
Southsea, to 6 p.m.	48	39		4.0	-
Bognor, to 6 p.m.	51	41	m.f.bc.c	4.2	0.01

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall Ins.
Worthing, to 6 p.m. ...	49	39	m.o.em	2.2	-
Brighton, to 6 p.m. ...	55	39	*	2.8	-
Seaford, to 6 p.m. ...	50	36		2.1	-
Eastbourne, to 6 p.m. ...	52	39	*	1.0	-
Bexhill-on-Sea, to 9 p.m.	52	39	m.b	0.0	-
Hastings	*	*	*	0.0	-
Folkestone, to 6 p.m. ...	49	40	b.bc.c	0.4	-
Ramsgate, to 6 p.m. ...	*	*	*	0.3	-
Margate, to 6 p.m.	52	36	oq	0.2	-
Felixstowe, to 6 p.m. ...			*		-
Lowestoft, to 6 p.m. ...	52	42	bc.c	1.7	-
Skegness, to 6 p.m.... ...	50	39	b	6.5	-
Scarborough, to 9 p.m. ...	51	39		2.5	-
Harrogate, to 6 p.m. ...	46	33	o.bo.bc.b	5.2	-
Buxton, to 6 p.m.	44	31	c.bo	3.6	-
Darwen, to 9 p.m.					-
Manchester, to 9 p.m. ...	48	32	bc.om.bc	0.7	-
Birmingham, to 9 p.m....	47	36	c.b	3.9	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
7th November 1909.	°	°		Ins.
Madeira				
Marseilles	Observations not received.			
Malta				
Algiers...				
Tunis				
Palermo				
Naples...				
Brindisi				
Rome				
Vienna...				
St. Petersburg				

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
7th November 1909.	°	°		Ins.
Utrecht	Observations not received.			
Groningen				
Zurich...				
Geneva				
Lugano				
6th November 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	39	*	b	-
Coire	46	*	b	-
Castasegna...	52	*	b	-
Davos	43	*	b	-

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Ivernia 8th Oct. 3 p.m.	50N	25W	30.33	NW	6-7	-	-	-	-	-
" 6 p.m.	50N	26W	30.32	NW	4-5	o	-	-	-	-
Majestic 7th " 4 a.m.	50N	26W	30.40	NNE	4-5	-	-	-	-	-
" 7 a.m.	50N	27W	30.42	WNW	2-9	o	-	-	-	-
Cymric 6th " 4 a.m.	51N	22W	30.23	NNW	4-5	-	-	-	-	-
" 7 a.m.	51N	23W	30.30	NNW	4-5	o	-	-	-	-
" 3 p.m.	51N	26W	30.39	N	4-5	-	-	-	-	-
" 6 p.m.	50N	27W	30.41	N.	4-5	m	-	-	-	-
Dominion 7th " 4 a.m.	51N	20W	30.37	NNW	4-5	-	-	-	-	-
" 7 a.m.	51N	21W	30.39	NNW	4-5	o	-	-	-	-
Minneapolis 7th " 4 a.m.	50N	19W	30.29	NNW	4-5	-	-	-	-	-
" 7 a.m.	50N	20W	30.30	NNW	4-5	c	-	-	-	-
Mauretania 7th " 4 a.m.	50N	26W	30.62	NE	1-3	-	-	-	-	-
" 7 a.m.	50N	24W	30.58	NNW	1-3	o	-	-	-	-
" 3 p.m.	51N	19W	30.52	NNW	4-5	-	-	-	-	-
" 6 p.m.	51N	17W	30.48	NE	1-3	o	-	-	-	-

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.
Montreal 7th Oct. 3 p.m.	50N	9W	30.29	NNE	4-5	b
" 6 p.m.	50N	10W	30.31	NNE	1-3	
St. Louis 7th " 3 p.m.	50N	12W	30.15	NNE	4-5	bc
" 6 p.m.	50N	13W	30.20	NE	4-5	
Celtic 7th " 3 p.m.	51N	10W	30.29	N	1-3	b
" 6 p.m.	51N	11W	30.28	N	4-5	
Lusitania 7th " 3 p.m.	51N	11W	30.44	NNE	4-5	c
" 6 p.m.	51N	12W	30.40	NNE	1-3	

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6 51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(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 November 1909.

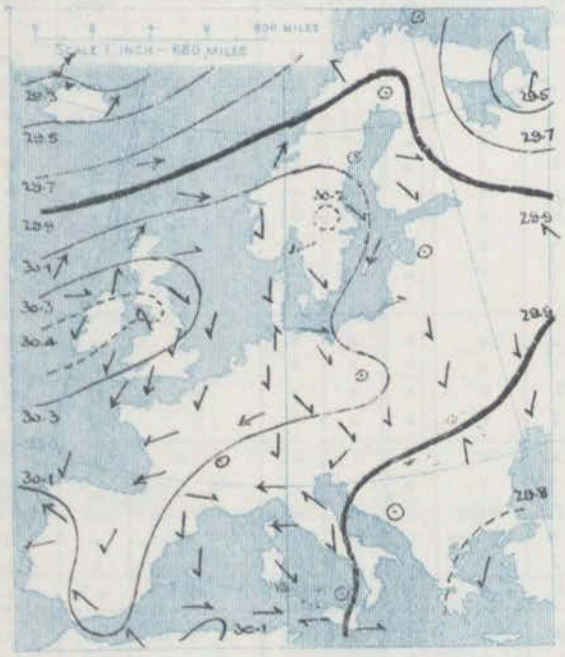
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	29.54	38	SW	9	r	29.24	-.69	35	34	+12	WSW	4	b	•	38	21	•	•	0.08
	Hernösand	29.75	36	S	6	c	29.47	-.60	35	33	+8	2	0	bc	•	37	27	•	•	0.20
	Stockholm	30.03	32	NSW	2	b	29.71	-.43	40	39	+9	WSW	4	0	•	40	30	•	•	-
	Wisby	30.08	35	NNE	4	b	29.88	-.22	43	41	+1	WSW	8	0	•	46	32	•	•	-
	Karlstad	29.97	41	SW	6	bc	29.73	-.48	45	43	+15	WSW	4	c	•	•	•	•	•	-
	Færder (X'tania Fjord)	29.96	43	WSW	6	0	29.74	-.45	48	45	+10	WSW	6	0	4	43	37	•	•	-
	Bodö	29.21	43	SW	9	0	29.10	-.65	40	38	+3	SW	7	0	4	43	37	•	•	0.20
	Christiansund ...	29.60	45	SW	7	0	29.47	-.49	43	40	+1	W	7	r	4	46	41	•	•	0.47
	Skudesnaes ...	30.01	45	SW	6	r	29.82	-.41	48	46	+10	W	4	0	4	48	38	c. r	•	0.28
ICELAND & FAEROE.	Isafjord	29.36	37	W	6	s	29.02	+.40	33	•	-8	NE	4	0	•	•	•	•	•	•
	Reykjavik	29.54	41	SW	6	c	29.25	-.15	36	•	-5	NW	1	c	•	•	•	•	•	•
	Seydisfjord	29.40	41	SW	9	bc	29.33	+.02	33	•	-10	WSW	3	c	•	•	•	•	•	•
	Thorshavn	29.72	44	W	7	c	29.25	-.45	40	•	-9	SSW	5	r	•	•	•	•	•	•
BRITISH ISLANDS.	Sumburgh Head	29.86	48	W	5	0	29.60	-.44	46	45	+1	SSW	3	0	4	49	44	r. 0	•	0.26
	Stornoway	30.07	49	W	4	0	29.66	-.49	49	48	+2	WNW	7	r	5	51	45	odq. c. opq	0.0	0.32
	Castlebay (Barra Id.)	30.15	52	W	3	r	29.84	-.41	52	50	+4	WSW	7	ogp	6	53	47	opd. r. opq	0.0	0.08
	Malin Head ...	30.23	46	SW	4	rm	29.94	-.37	51	51	+11	WSW	6	ogqm	4	51	40	om. opqm	•	0.04
	Blacksod Pt. ...	30.31	51	SSW	3	0	30.11	-.21	52	50	+4	WSW	5	0	4	51	47	omp. om	•	0.03
	Valencia	30.43	46	Z	0	0	30.30	-.13	51	50	+20	SSW	3	0	4	51	30	c. bc. o. r	4.8	0.10
	Roche's Point ...	30.43	42	N	1	b	30.33	-.10	47	46	+11	W	3	0	3	50	36	bq. b. op	•	0.01
	Birr Castle ...	30.39	42	SSW	1	0	30.21	-.24	46	45	+21	SSW	2	0	•	47	24	bc. o. p	3.3	0.01
	Donaghadee ...	30.30	44	WSW	3	c	30.10	-.30	48	48	+15	SW	2	0	1	48	32	bc. c. op	•	0.03
	Liverpool Obsy...	30.39	41	SW	2	bc	30.23	-.18	44	41	+6	SW	3	c	4	45	38	b. bm	7.8	-
	Holyhead	30.38	44	W	1	b	30.23	-.16	48	46	+9	SW	4	0	3	48	?39	c. b	•	-
	Pembroke (St. Ann's Hd.)	30.40	40	NNE	1	b	30.30	-.06	48	43	+9	SW	4	cg	4	48	37	bmx. b	8.4	-
	Scilly (St. Mary's) ...	30.37	47	ENE	3	c	30.39	+.08	47	43	0	S	1	bc	1	53	43	c	8.5	-
	Jersey (St. Aubins) ...	30.31	49	ENE	4	b	30.35	+.12	39	38	-6	NE	2	b	2	51	35	cg. om. b mw	1.0	0.01
	Portland Bill ...	30.34	44	NE	2	b	30.33	+.06	46	44	+6	WNW	1	bm	2	49	40	b	8.3	-
	Dungeness	30.30	44	NNE	2	bc	30.32	+.10	29	29	-10	N	2	fx	3	50	29	cp. bc. fx	4.2	0.06
	Dover	*	*	*	*	*	30.35	+.09	34	34	-10	NW	1	b	1	52	33	or. bc. b. bxg	3.3	0.10
	Wick	30.03	40	W	1	T	29.65	-.50	38	37	-1	W	4	0	3	46	38	-	•	0.10
	Nairn	30.05	50	WSW	3	c	29.76	-.46	51	49	+13	W	3	c	2	51	36	bc. cg. cgp	0.4	0.03
	Aberdeen	30.10	45	SW	2	c	29.82	-.40	48	47	+18	SSE	2	0	2	40	30	bcg. og. c. o	1.9	-
	Leith	30.21	44	W	3	c	29.92	-.40	51	49	+20	SW	5	c	•	51	29	bc. c. o	•	-
	North Shields ...	30.29	43	WSW	3	cm	30.06	-.32	48	46	+16	SW	2	0	2	48	30	b. cm	6.3	-
	Spurn Head ...	30.34	43	W	2	b	30.16	-.17	38	37	-1	SW	4	c	3	48	37	bc. bm. cm	•	-
	Yarmouth	30.35	44	NW	2	bc	30.27	.00	35	34	-11	WSW	2	bc	3	52	34	bc. bcm	5.5	0.02
	Clacton-on-Sea ...	30.35	44	NNW	2	b	30.31	+.04	36	35	-3	W	3	b	2	51	32	bc. b. mx	7.8	-
	Nottingham ...	30.38	38	W	1	b	30.25	-.12	31	30	-6	W	1	bm	•	49	30	b. bm	5.5	-
	Bath	30.40	37	Z	0	m	30.36	-.01	24	24	+7	Z	0	m	•	48	23	-	7.4	-
	Oxford	30.42	35	Z	0	b	30.34	-.04	28	28	-6	SW	2	bm	•	48	27	b	•	-
	London (St James's Pk)	30.37	45	Z	0	bw	30.33	+.03	31	31	-7	WSW	1	mx	•	49	31	b. bw. fx	5.0	-
GERMANY, &c.	The Scaw (Skagen)	30.10	44	NW	4	b	29.85	-.34	49	47	+7	W	6	0	2	48	39	•	•	-
	Fanö	30.22	39	ENE	1	b	30.06	-.13	47	45	+12	W	4	0	•	47	34	•	•	-
	Cuxhaven†	30.25	41	N	1	0	30.18	+.01	40	36	+4	SSW	3	0	•	43	34	•	•	-
	The Helder ...	30.32	47	NNE	2	bc	30.24	.00	47	42	+1	W	4	bc	2	50	45	•	•	-
	Brussels	*	*	*	*	*	30.33	+.13	36	36	-7	Z	0	f	•	50	31	•	•	-
	Berlin†	30.19	42	NW	2	bc	30.23	+.06	39	30	-2	NNW	3	0	•	45	37	•	•	-
	Frankfurt†	30.25	41	N	1	0	30.31	+.14	33	36	-2	NE	2	f	•	41	32	•	•	-
	Munich†	30.26	34	N	2	0	30.33	+.18	32	100	-3	NW	2	0	•	36	30	•	•	-
FRANCE.	C. Gris Nez ...	30.33	44	NE	3	bc	30.33	+.14	43	42	-2	SW	1	bc	1	52	43	•	•	0.04
	La Hève	30.32	46	ENE	2	b	30.38	+.17	42	39	-4	S	2	m	3	55	37	•	•	-
	Brest	30.32	45	NE	4	b	30.38	+.13	43	42	-2	E	2	b	1	50	39	•	•	-
	Lorient	?	49	NNE	4	c	?	?	43	42	-3	ENE	3	b	2	50	41	•	•	-
	Rochefort	30.14	44	NE	3	b	30.23	+.08	41	39	+4	NE	4	b	•	48	36	b	•	-
	Biarritz	30.17	50	NNW	3	b	30.21	+.10	39	39	-11	E	1	m	2	54	37	•	•	-
	Paris	30.28	30	N	2	b	30.35	+.18	32	32	-2	NNE	2	f	•	42	32	•	•	-
	Belfort	30.24	35	ENE	6	m	30.31	+.17	33	32	-1	ENE	5	m	•	37	33	•	•	-
	Lyons	30.22	37	N	3	0	30.27	+.19	37	34	-1	NW	2	c	•	39	36	•	•	-
	Nice	29.95	53	Z	0	c	30.02	+.08	48	45	+2	E	4	b	2	59	45	•	•	-
	Perpignan														•			•	•	
	Sanguinaire ...	?29.96	59	W	2	m	?30.00	-.01	54	50	-3	E	2	m	4	66	46	•	•	-
SPANISH PENIN.	Corunna																	•	•	
	Lisbon														•			•	•	
	Azores (P. Delgada)...																	•	•	
	" Horta ...	30.16	61	NE	5	b	30.10	-.08	62	54	0	NE	5	c	5	66	61	•	•	-

For NOTES see Page 4.

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

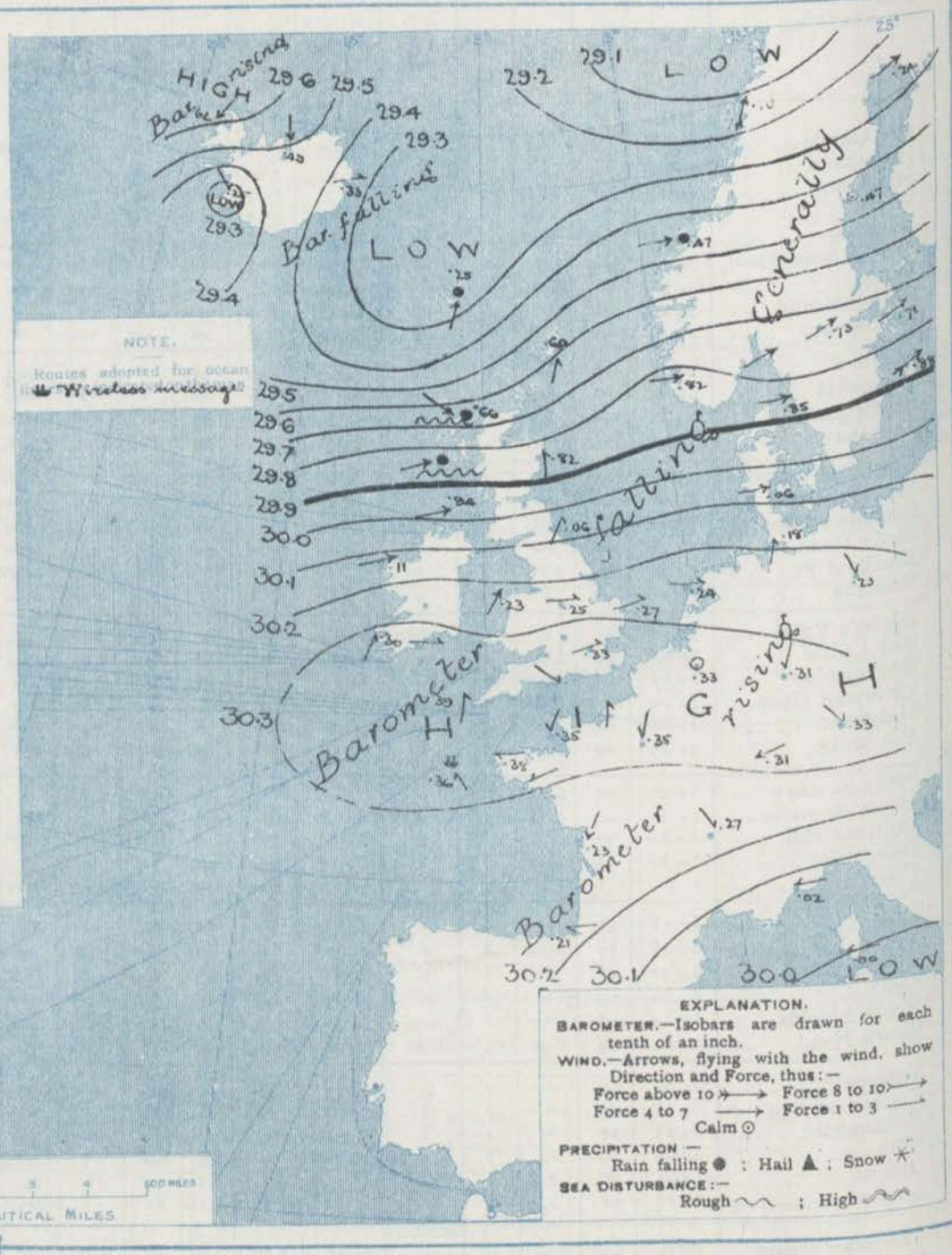
Tuesday. **WEATHER** 9th Nov.

7 A.M. YESTERDAY.



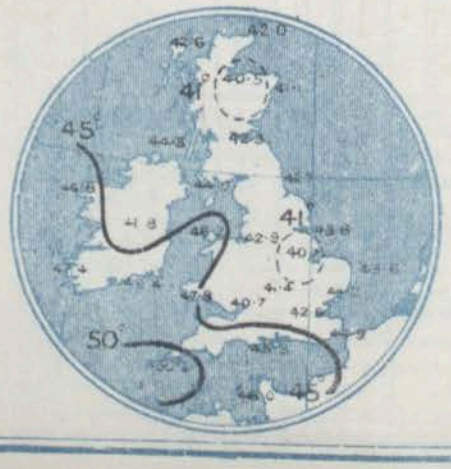
6 P.M. YESTERDAY.

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



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

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



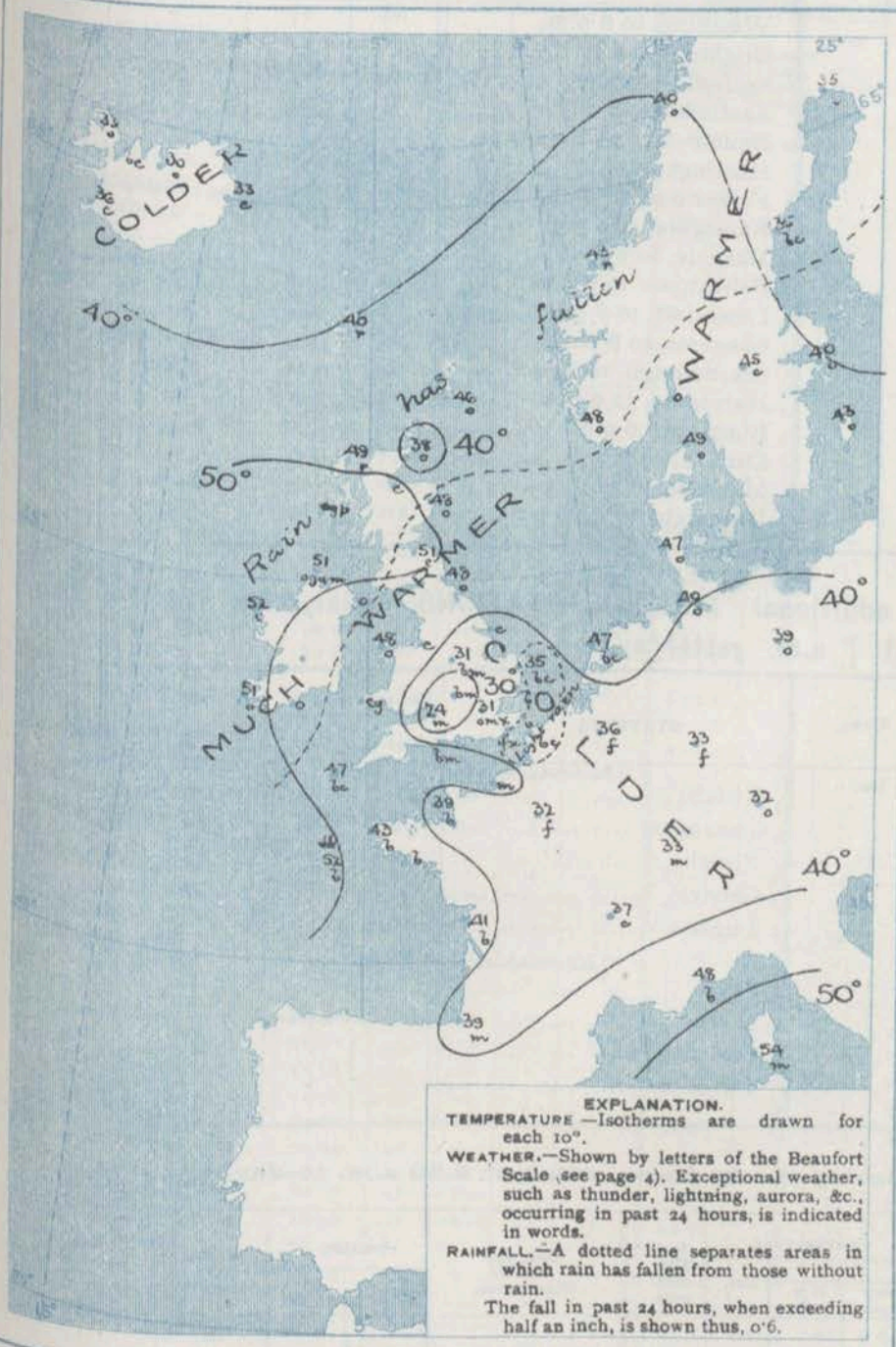
NOTES ON THE GENERAL SITUATION AT 7 A.M

The depression noticed yesterday over the Icelandic region is extending in a south easterly direction. A band of high pressure, in which readings are above 30·3 ins. now stretches from the neighbourhood of our south west coasts across the south of England and the north of France to Germany, whence the readings decrease to 29·1 ins. and less in Jutland, and to 29·3 ins. and less in a secondary area which lies between Iceland and the Faeröe.

W.ly and S.W.ly winds now prevail over north-western Europe generally, and are strong or high in force on our own extreme north-west coasts as well as in Scandinavia. Light to moderate E.ly and N.E.ly winds are still reported over France. Temperature has risen very decidedly in the west and north of our islands and is now slightly above 50° on the west coasts of Ireland and Iceland. Over central and south-eastern England the readings are below the freezing point. The Continental values range from a little above 45° in the extreme south of France and on the eastern side of the North Sea to 32° at Paris and Munich. With the exception of local fogs and mists the weather is fine over nearly the whole of England, France and the Netherlands. Elsewhere the sky is cloudy or overcast with rain in the Hebrides, and also at Christiansund. The sea is moderate to smooth generally, but rough in the neighbourhood of the Hebrides.

CHARTS 9th November, 1909.

2. Temperature and Weather at 7 A.M. To Day.



Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 {a, b} W.ly winds, strong or high in force, mild, unsettled, some rain.

1, 2 {a, b} S.W.ly to W.ly winds, moderate or fresh; fair at first, some showers later; mild.

3, 4, 5 {a, b} S.W.ly and W.ly winds, light or moderate; fine at first, cloudy later; temperature rising briskly.

6 {a, b} S.W.ly and W.ly winds, strong or high in force; mild, unsettled, some rain.

7 {a, b} S.W.ly to W.ly winds, freshening; fair at first, some rain later; mild.

8 {a, b} S.W.ly winds, light or moderate; fair, mild.

9 {a, b} Same as No. 6.

10 {a, b} Same as No. 7.

11 WESTERN CHANNEL AND BAY.

Light to moderate S.ly and S.E.ly winds, with fair weather and a slight sea; temperature about the normal.

Notes on Yesterday's Weather.

During yesterday the thermometer rose to 50° or slightly above it at many of the English and Irish stations, but on some parts of our north-east and north-west coasts it did not exceed 45°. Frost occurred last night over England, on the surface of the grass the thermometer fell to 22° at Oxford, and to 29° in London. Over England and Wales the amount of bright sunshine was large, more than 8 hours being registered on many parts of our south and east coasts. Slight rain has fallen in Ireland and the west and north of Scotland and also on the south-east coast of England.

General Inference from the 7 A.M. Observations.

The low pressure system in the north will continue to spread southwards, and will influence the weather in all but our extreme southern districts, where the conditions will be affected for the present by the Continental anticyclone. Rain will be experienced in all our more western and northern districts, and a decided rise of temperature will take place over England.

Forecast Districts.

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

Signals hoisted yesterday.

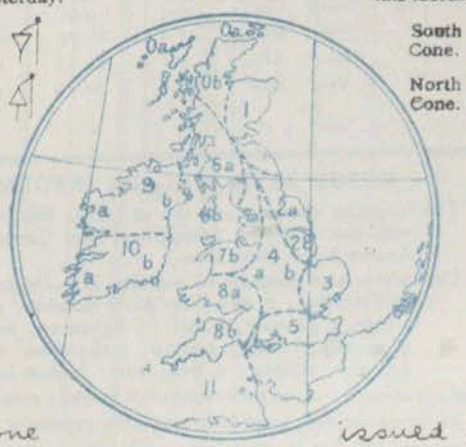
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



None issued.

Weller & Graham, Ltd. Litho, London.

DAILY WEATHER REPORT. Tuesday 9th November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	51	30	r	0.0	0.17
Dublin (City), to 4 p.m....	45	30	fog. c	*	-
Rossall Beach, to 6 p.m.	47	25	cx. c	*	-
Blackpool, to 9 p.m. ...	47	26	bc. c	7.6	-
Southport, to 9 p.m. ...	47	29	bc. b. c	6.7	-
Rhyl, to 6 p.m....	50	28	b. c. bc. b	7.9	-
Colwyn Bay, to 6 p.m. ...	48	44	b	7.5	-
Llandudno, to 9 p.m. ...	45	32	b. bc	7.7	-
Bettws-y-Coed, to 6 p.m.	42	27	b	6.5	*
Towyn, to 6 p.m.	49	27	bx. b	7.4	-
Aberystwyth, to 6 p.m. ...	48	34	*	7.0	-
Plymouth, to 9 p.m. ...			*		
Torquay, to 6 p.m.	52	38	*	7.9	-
Weymouth, to 6 p.m. ...	50	35	b	8.3	-
Bournemouth, to 6 p.m....	54	35	b	8.2	-
Southsea, to 6 p.m.	50	37		7.6	-
Bognor, to 6 p.m.	49	37	m. b. m	7.1	0.01

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	49	37	b	8.2	-
Brighton, to 6 p.m. ...	51	37	*	8.1	-
Seaford, to 6 p.m. ...	50	37	b	8.3	-
Eastbourne, to 6 p.m. ...	51	38	*	7.9	-
Bexhill-on-Sea, to 9 p.m.	51	39		8.2	-
Hastings	*	*	*	7.8	*
Folkestone, to 6 p.m. ...	50	42	bo. cr. bq. b	3.7	0.06
Ramsgate, to 6 p.m. ...	*	*	*	6.4	0.03
Margate, to 6 p.m.	51	44		4.3	0.04
Felixstowe, to 6 p.m. ...	52	38	*	8.3	
Lowestoft, to 6 p.m. ..	50	43	bc. b	7.7	
Skegness, to 6 p.m.... ...	49	39	r. b	6.9	0.08
Scarborough, to 9 p.m. ...	51	38	bc	7.0	0.02
Harrogate, to 6 p.m. ...	47	31	bx. b	7.8	-
Buxton, to 6 p.m.	46	28	bc. b. bc	7.5	
Darwen, to 9 p.m.	48	30	bc	6.0	-
Manchester, to 9 p.m. ...	43	29	bc. om. bc. o. c	0.6	-
Birmingham, to 9 p.m....	44	32	c. m. b	0.1	

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
8th November 1909.				Ins.
Madeira	*	*		
Marseilles	55	36	b. b	-
Malta	66	56	c	0.12
Algiers...	72	57	bc. bc	-
Tunis	68	54	c. o	-
Palermo	60	50	b. c	0.47
Naples...	59	47	b. b	-
Brindisi				
Rome	61	42	b. o	-
Vienna...	43	36	o. r	-
St. Petersburg	45	37	r. b	0.04

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
8th November 1909.				Ins.
Utrecht	50	32	m. f	0.04
Groningen	46	36	o. bc	0.04
Zurich...	*	*	bc. m	-
Geneva	*	*	o. o	-
Lugano	*	*	b. b	-
7th November 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne				
Coire	Observations not received.			
Castasegna...		*		
Davos		*		

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	Ins.				°	°	°	
H.M.S. 9th Oct. 7am	47 30N	5.58W	30.26	SE	1	b	52	47	54	2
Clear. Barometer steady.										
Corsican 7th - 4am	56N	15W	30.31	NW	1.3	-		-	-	
- 7am	56N	17W	30.32	W	1.3	o	-	-	-	-
Manitoba 7th - 4am	56N	23W	30.41	WNW	6.7	-	-	-	-	-
- 7am	56N	22W	30.41	WNW	6.7	o	-	-	-	-
- 3pm	56N	19W	30.37	WNW	4.5	-	-	-	-	-
- 6pm	56N	18W	30.36	WSW	4.5	o	-	-	-	-
8th - 4am	56N	14W	30.31	SW	4.5		-	-	-	-
- 7am	56N	12W	30.29	SSW	4.5	o	-	-	-	-
- 3pm	55N	9W	30.22	SW	4.5	-	-	-	-	-
- 6pm	55N	9W	30.36	SW	4.5	o	-	-	-	-

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6 61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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.

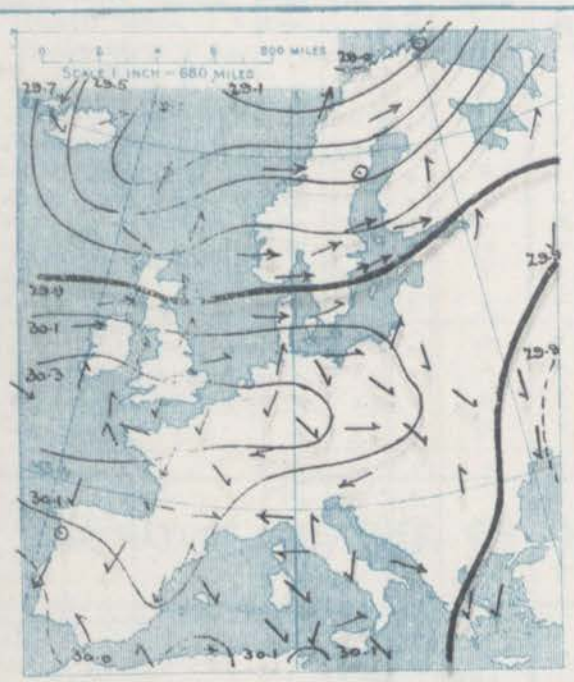
Wednesday, 10th November, 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.14	35	Z	0	b	29.11	-.13	33	32	-2	SW	2	0	*	39	33	*	*	-
	Hernösand	29.28	35	SW	2	b	29.01	-.46	32	32	-3	Z	0	bc	*	41	32	*	*	-
	Stockholm	29.45	43	SW	2	r	29.24	-.47	46	43	+5	SW	6	0	*	45	30	*	*	0.04
	Wisby...	29.64	45	WSW	6	r	29.39	-.49	46	45	+3	SW	8	0	*	46	34	*	*	0.12
	Karlstad	29.40	47	SSW	4	0	29.23	-.50	41	39	-4	WSW	4	b	*	*	*	*	*	0.04
	Færder (X'iania Fjord)	29.35	50	SSW	7	0	29.25	-.49	45	41	-3	WSW	6	c	4	50	45	*	*	-
	Bodö	29.04	40	SW	6	0	29.02	[illegible]	40	36	0	NE	2	0	1	41	36	*	*	0.12
	Christiansund ...	29.11	41	WNW	4	r	29.06	-.41	41	40	-2	W	8	r	4	45	37	*	*	0.59
	Skudesnaes ...	29.43	47	W	6	c	29.35	-.47	42	38	-6	NNW	6	c	5	48	41	[illegible]	*	0.32
ICELAND & FAEROE.	Isafjord	29.92	32	NNE	6	0	30.13	+.51	28	*	-5	Z	0	c	*	*	*	*	*	*
	Reykjavik	29.78	33	N	5	bc	†30.10	-.46	28	*	-8	Z	0	c	*	*	*	*	*	*
	Seydisfjord... ...	29.58	33	NW	4	s	30.05	+.72	31	*	-2	N	5	bc	*	*	*	*	*	*
	Thorshavn	29.29	38	N	7	c	29.78	+.53	30	*	-4	NW	6	r	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.31	41	WSW	8	c	29.50	-.10	42	42	-4	NW	5	c	6	48	38	[illegible]	*	0.35
	Stornoway	29.54	43	WNW	7	cg	29.90	+.24	42	39	-7	NW	5	bc	5	49	40	[illegible]	3.0	0.47
	Castlebay (Barra Id.)	29.78	45	WNW	7	bcgp	29.94	+.15	44	42	-8	NW	4	bcp	4	52	41	[illegible]	2.2	0.18
	Malin Head ...	29.89	46	WNW	7	ogq	30.00	+.06	46	44	-5	SW	6	ogq	8	51	41	[illegible]	*	0.32
	Blacksod Pt. ...	30.11	47	WNW	5	cp	30.19	+.08	46	43	-6	WNW	5	c	4	53	43	[illegible]	*	0.17
	Valencia	30.21	50	WNW	2	c	30.25	-.05	48	44	-3	NW	4	bc	4	54	46	[illegible]	0.0	0.05
	Roche's Point ...	30.17	51	W	4	d	30.22	-.11	44	43	-3	NW	3	bc	2	54	43	[illegible]	*	0.02
	Birr Castle ...	30.11	47	W	3	0	30.18	-.03	40	39	-6	W	3	bc	*	52	38	[illegible]	0.0	0.03
	Donaghadee ...	29.98	45	SW	3	bc	30.00	-.10	41	41	-7	WSW	3	bc	2	52	40	[illegible]	*	0.05
	Liverpool Obsy...	29.98	50	WSW	5	r	29.97	-.26	45	43	+1	W	6	o	5	52	44	[illegible]	0.5	0.06
	Holyhead	30.01	50	W	5	r	30.03	-.20	46	43	-2	NW	7	c	5	52	43	[illegible]	*	0.12
	Pembroke (St. Ann's Hd.)	30.11	52	WSW	5	0	30.11	-.19	47	43	-1	NW	6	bcq	5	53	46	[illegible]	0.0	-
	Scilly (St. Mary's) ...	30.24	4[illegible]	W	4	c	30.17	-.22	46	43	-1	NNW	3	c	1	51	42	[illegible]	7.1	0.04
	Jersey (St. Aubins) ...	30.25	48	WNW	3	c	30.11	-.24	50	49	+11	NW	3	o	3	54	39	[illegible]	6.0	0.05
	Portland Bill ...	30.17	50	W	4	c	30.06	-.27	48	47	+2	NW	5	b	4	53	43	[illegible]	7.0	-
	Dungeness	30.15	45	W	4	bc	29.99	-.33	41	41	+12	W	3	bc	4	50	29	[illegible]	8.3	0.04
	Dover	*	*	*	*	*	30.01	-.34	40	40	+6	NW	3	b	1	49	34	[illegible]	8.2	0.07
	Wick	29.47	42	W	7	o	29.[illegible]1	+.06	40	38	+2	NW	5	c	8	48	33	[illegible]	*	0.30
	Nairn	29.61	41	WSW	3	bc	29.81	+.05	40	38	-11	WSW	2	o	2	52	39	[illegible]	2.2	0.17
	Aberdeen	29.65	43	SW	1	b	29.76	-.06	39	37	-9	W	2	b	2	55	30	[illegible]	0.1	0.10
	Leith	29.76	46	W	3	bc	29.82	-.10	41	38	-10	W	2	c	*	53	40	[illegible]	*	0.01
	North Shields ...	29.81	50	W	4	o	29.87	-.19	40	38	-8	W	2	c	2	54	37	[illegible]	0.1	-
	Spurn Head ...	29.90	48	WSW	5	c	29.87	-.29	43	41	+5	W	6	b	4	49	38	[illegible]	*	-
	Yarmouth	30.05	45	WSW	3	bc	29.91	-.36	39	38	+4	W	3	bc	4	48	34	[illegible]	7.8	-
	Clacton-on-Sea ...	30.11	46	WSW	4	c	29.96	-.35	39	38	+3	WNW	3	b	2	47	35	[illegible]	6.6	0.01
	Nottingham ...	29.99	47	W	4	c	29.95	-.30	41	40	+10	W	2	b	*	49	31	[illegible]	3.7	0.02
	Bath	30.16	48	Z	0	0	30.09	-.27	36	36	+12	Z	0	m	*	50	24	[illegible]	3.6	-
	Oxford	30.08	46	SW	3	0	30.05	-.29	39	37	+11	W	2	b	*	48	28	[illegible]	*	0.01
	London (St. James's Pk)	30.12	46	WSW	3	b	30.02	-.31	38	37	+7	WSW	1	bw	*	49	30	[illegible]	4.7	-
GERMANY, &c.	The Scaw (Skagen)	29.49	49	W	7	r	29.37	-.48	45	42	-4	W	6	bc	2	50	43	*	*	0.20
	Fanö	29.67	49	SW	7	r	29.56	-.50	46	42	-1	WNW	4	bc	*	50	43	*	*	0.20
	Cuxhaven†	30.00	44	SW	5	b	29.70	-.48	44	94	+4	SW	5	o	*	46	40	*	*	-
	The Helder ...	30.00	49	W	3	c	29.82	-.42	49	45	+2	WNW	6	c	4	50	46	*	*	0.04
	Brussels	*	*	*	*	*	29.98	-.35	40	40	+4	WSW	3	o	*	48	36	*	*	0.08
	Berlin†	30.09	40	SE	2	o	29.84	-.39	37	79	-2	SSW	4	o	*	41	34	*	*	-
	Frankfurt†	30.19	41	S	1	m	30.06	-.25	28	96	-5	SW	4	m	*	43	28	*	*	-
	Munich†	30.26	31	NE	2	b	30.10	-.17	27	100	-5	SW	2	b	*	37	25	*	*	-
FRANCE.	C. Gris Nez ...	30.18	49	W	5	bc	30.00	-.33	47	44	+4	NW	4	o	4	50	41	*	*	0.08
	La Hève	30.22	47	SW	3	o	30.05	-.33	50	46	+8	SW	4	o	4	54	42	*	*	0.04
	Brest	30.32	50	WNW	2	c	30.21	-.17	49	48	+6	?NE	2	o	1	52	?43	*	*	0.08
	Lorient	?	48	N	2	bc	?	?	51	49	+8	WNW	4	o	2	54	?43	*	*	-
	Rochefort	30.25	42	ENE	3	bc	30.22	+.01	37	36	-4	ENE	2	b	*	50	24	[illegible]	*	-
	Biarritz	30.21	43	E	3	m	30.19	-.02	43	42	+4	ENE	3	o	2	45	?39	*	*	-
	Paris	30.26	34	NE	1	f	30.11	-.24	35	35	+3	S	2	o	*	42	29	*	*	-
	Belfort...	30.25	38	ENE	3	m	30.21	-.10	25	24	-8	WSW	4	m	*	40	24	*	*	-
	Lyons	30.24	39	NNW	3	o	30.21	-.06	32	28	-5	NW	1	c	*	41	31	*	*	-
	Nice	30.03	51	E	2	c	30.03	+.01	47	46	-1	Z	0	c	3	61	47	*	*	0.12
	Perpignan	30.09	46	W	2	b	30.14	+.02	33	33	-12	W	1	b	*	?	?	*	*	-
	Sanguinaire ...	30.00	59	NW	2	m	29.97	-.03	57	54	+3	S	5	[illegible]	4	56	48	*	*	-
SPANISH PENIN.	Corunna																		*	
	Lisbon																		*	
	Azores (P. Delgada)...														*			*	*	
	" Horta ...	30.19	63	NE	6	b	30.18	+.08	63	55	+1	NE	5	o	5	70	61	*	*	-

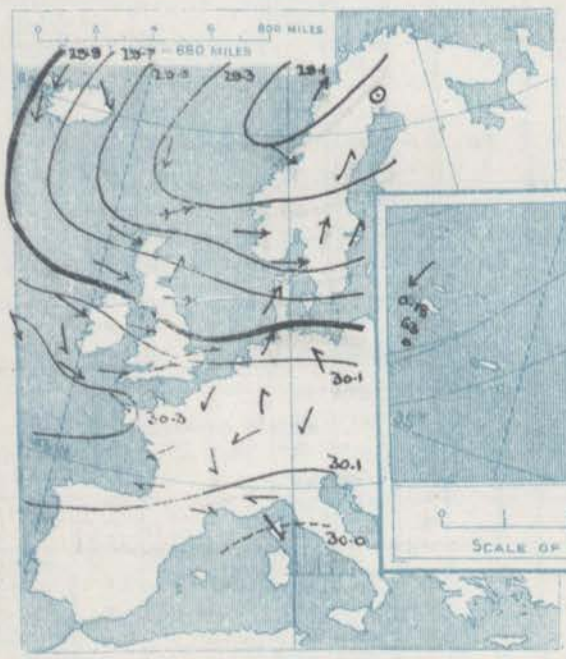
† The corresponding value in yesterday's report should probably have been 29.65 in.

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

7 A.M. YESTERDAY.

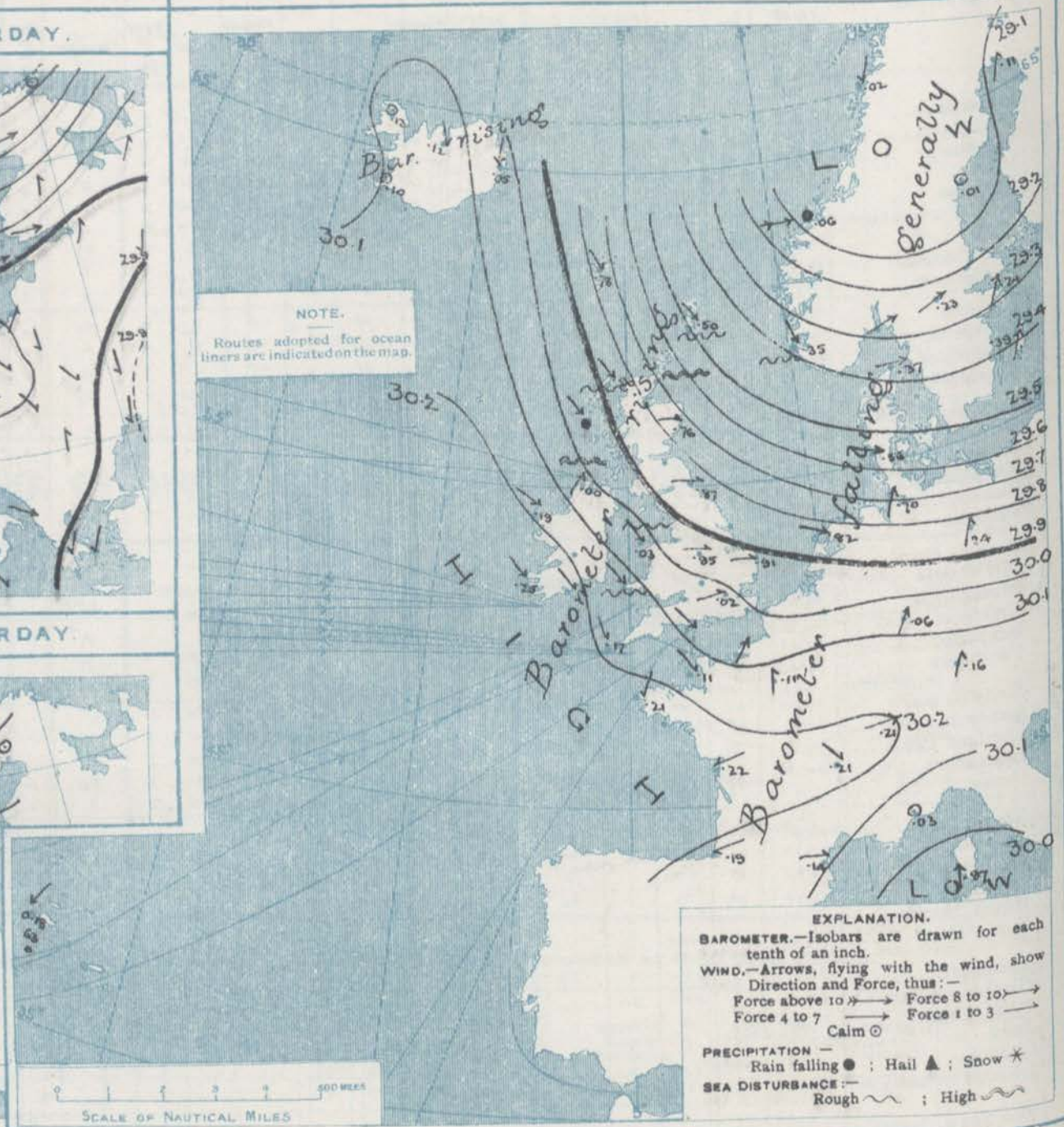


6 P.M. YESTERDAY.



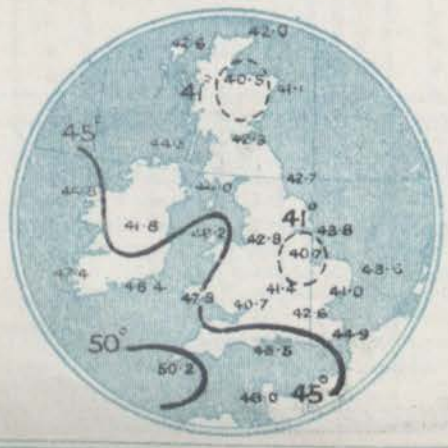
Wednesday, WEATHER 10th Nov.

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



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

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



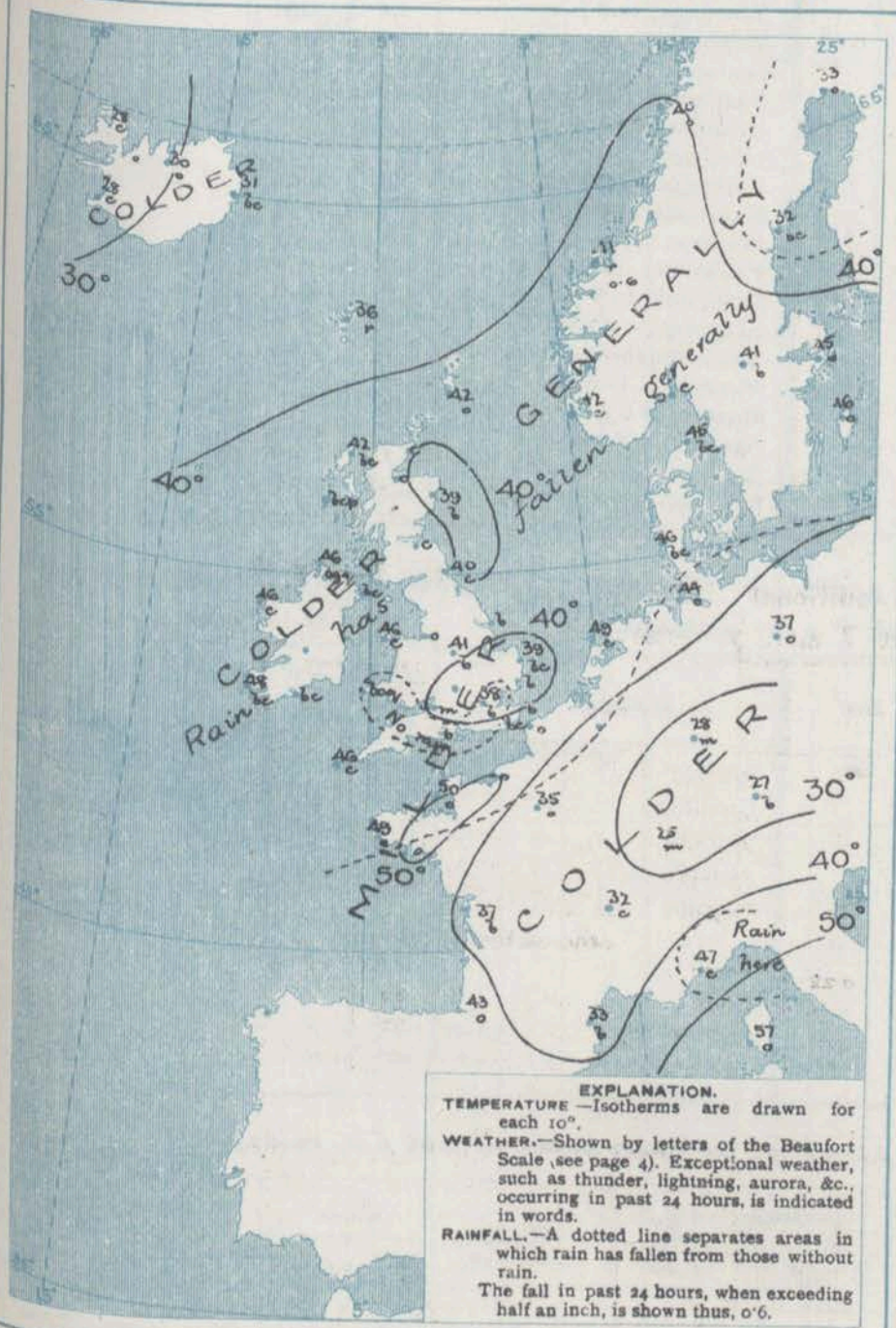
NOTES ON THE GENERAL SITUATION AT 7 A.M

The depression whose central area lay yesterday between Iceland and the Faroe is now travelling away across the north of Scandinavia, and the barometer is rising in all but the extreme southern parts of the United Kingdom. A large anticyclone, with readings above 30.2 ins., extends from the Atlantic across the south of Ireland, the Bay of Biscay and the greater part of France. In the north of Scandinavia the readings are apparently below 29.0 ins.

In the rear of the northern disturbance the wind has veered to North-West on nearly all parts of our western and extreme northern coasts, and has increased to the force of strong or high breeze in the Irish Sea and the St. George's Channel. Moderate to strong Westerly breezes are reported on the shores of the North Sea, and strong South-Westerly winds in the south of Sweden. Temperature has risen over England and the neighbouring parts of the Continent, but fallen elsewhere. Over the greater part of the United Kingdom the morning readings range a little on either side of 40°, but on our extreme west and south-west coasts they are above 45°. Frost prevails in South Germany and eastern France. The weather is fair or fine over western Europe generally, but rain is falling at Christiansund and Thorshavn, and passing showers at Castletown (Barra). The sea is very rough off Wick and Malin Head, and rough or rather rough on our western and extreme northern coasts generally.

CHARTS 10th November, 1909

2. Temperature and Weather at 7 A.M To Day.



Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 {a, b}: N.W.ly to W.ly winds, moderating in force; fair, cold, frost at night.

1, 2 {a, b}, 3, 4 {a, b}, 5: W.ly to N.W.ly winds, light or moderate; fair, cool, frost at night, with mist or fog in places.

6 {a, b}: Same as No. 0.

7 {a, b}, 8 {a, b}, 9 {a, b}, 10 {a, b}: N.W.ly winds falling light; fair generally, with frost in inland districts at night, mist or fog locally.

11 WESTERN CHANNEL AND BAY.

Light to moderate N.W.ly winds north Channel and northern part Bay, with a moderate sea; light N.E.ly winds and a slight sea further south; fair generally, with a normal temperature.

Notes on Yesterday's Weather.

During yesterday the thermometer rose to 50° or slightly above it in most parts of the United Kingdom. Frost occurred at night in the inland parts of England; at Oxford the thermometer on the grass fell to 26°, and in London to 30°. Between 7 and 8½ hours of bright sunshine were recorded on our south and east coasts; elsewhere the duration was small. Rain has fallen in the western and northern parts of the country generally, and partial showers in the south and east. A gale from the Westward was experienced yesterday in the north of Scotland. Wireless reports show that as far west as the 19th meridian ships experienced yesterday moderate to fresh breezes from West and North-West and cloudy weather.

General Inference from the 7 A.M. Observations.

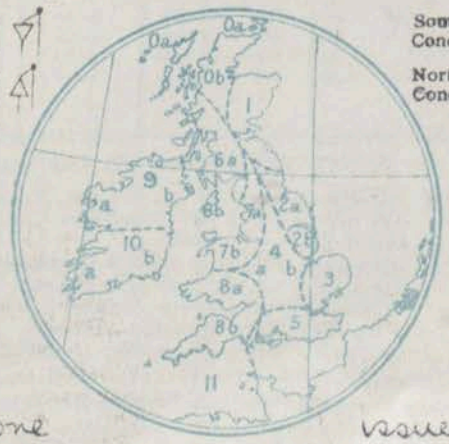
The depression over Scandinavia will continue to travel away to the eastward. There are some faint indications of the advance of another disturbance towards Iceland, but this system is scarcely likely to influence the weather in our own islands during the ensuing twenty-four hours, which will remain fair in nearly all districts. Frost is probable to-night in many localities.

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.

Weller & Graham, Ltd. Litho, London.

DAILY WEATHER REPORT. Wednesday, 10th November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	53	42	oq. bc	0.3	0.18
Dublin (City), to 4 p.m....	53	42	c. odq. oq	*	0.01
Rossall Beach, to 6 p.m.			*	*	
Blackpool, to 9 p.m. ...	51	44	o. or. c	0.0	0.16
Southport, to 9 p.m. ...	51	44	o. bc	0.0	0.12
Rhyl, to 6 p.m....	53	29	b. c. o	0.3	0.02
Colwyn Bay, to 6 p.m. ...	53	31		1.5	-
Llandudno, to 9 p.m. ...	50	43	bc. od. o	0.0	0.07
Bettws-y-Coed, to 6 p.m.	51	37	c	0.0	*
Towyn, to 6 p.m.	59	48	o. p. o	0.0	0.03
Aberystwyth, to 6 p.m. ...	52	47	*	0.0	0.05
Plymouth, to 9 p.m. ...	52	28	b. bc. o	5.8	-
Torquay, to 6 p.m.	52	32	*	7.6	-
Weymouth, to 6 p.m. ...	50	30	md. cd	7.0	-
Bournemouth, to 6 p.m. ...	51	28	m. b. o	7.3	-
Southsea, to 6 p.m.	50	30	*	7.6	-
Bognor, to 6 p.m.	49	31	m. b	8.4	0.02

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	49	30	f. b	8.1	-
Brighton, to 6 p.m. ...	49	31	*	7.1	-
Seaford, to 6 p.m. ...	49	28	b	7.7	-
Eastbourne, to 6 p.m. ...	50	29	*	8.0	-
Bexhill-on-Sea, to 9 p.m.	49	34		7.6	-
Hastings	*	*	*	8.7	-
Folkestone, to 6 p.m. ...	48	31	b. bc. b	7.4	-
Ramsgate, to 6 p.m. ...	*	*	*	8.2	-
Margate, to 6 p.m.	48	35	b	7.1	-
Felixstowe, to 6 p.m. ...	51	33	*	7.2	-
Lowestoft, to 6 p.m. ...	48	33	bc. c	7.4	-
Skegness, to 6 p.m.... ...	48	33	b. c	4.0	-
Scarborough, to 9 p.m. ...	55	38	o. c	0.5	0.05
Harrogate, to 6 p.m. ...	49	37	bc. or	1.2	0.06
Buxton, to 6 p.m.	43	34	b. bc. od. or	1.8	0.03
Darwen, to 9 p.m.	47	37	bc. hf. od	0.0	0.41
Manchester, to 9 p.m. ...	51	36	c. o. of. bc	0.0	0.07
Birmingham, to 9 p.m....	48	33	b. c. o	4.3	

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
9th November 1909	°	°		
Madeira				
Marseilles	55	34	b b	-
Malta	66	60	c	-
Algiers...	71	57	c. c	-
Tunis	71	55	c. f	0.12
Palermo	64	51	b. b	-
Naples...	60	50	b. b	-
Brindisi	60	46	r. r	0.28
Rome	61	43	b. b	-
Vienna...	41	36	o. o	0.04
St. Petersburg	43	32	o. o	0.04

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
9th November 1909.	°	°		
Utrecht				0.04
Groningen	50	37	bc. bc	-
Zurich...	*	*	o. o	-
Geneva	*	*	o. o	-
Lugano	*	*	b. b	-
8th November 1909.	1.30 p.m.		1.30 p.m.	Measure 7.30 a.m.
Berne	36	*	mc	-
Coire	39	*	b	-
Castasegna...	48	*	b	-
Davos	44	*	b	

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	Ins.				°	°	°	
Dominion, 7th Nov. 3 p.m.	51 N	25 W	30.47	WNW	1-3	-	-	-	-	-
" 6 p.m.	50 N	26 W	30.48	Z	0	0	-	-	-	-
8th " 4 a.m.	50 N	28 W	30.48	SW	6-7	-	-	-	-	-
" 7 a.m.	50 N	29 W	30.42	SW	6-7	0	-	-	-	-
Lusitania, 8th " 4 a.m.	51 N	20 W	30.58	NNW	4-5	-	-	-	-	-
" 7 a.m.	51 N	23 W	30.56	W	1-3	0	-	-	-	-
Celtic, 8th " 4 a.m.	51 N	16 W	30.36	N	1-3	-	-	-	-	-
" 7 a.m.	51 N	17 W	30.40	N	1-3	0	-	-	-	-
" 3 p.m.	51 N	21 W	30.45	W	1-3	-	-	-	-	-
" 6 p.m.	51 N	22 W	30.43	W	1-3	0	-	-	-	-
St. Louis, 8th " 4 a.m.	50 N	18 W	30.47	NNE	1-3	-	-	-	-	-
" 7 a.m.	50 N	19 W	30.45	NNE	1-3	0	-	-	-	-
" 3 p.m.	50 N	23 W	30.45	NNW	1-3	-	-	-	-	-
" 6 p.m.	50 N	24 W	30.43	WNW	1-3	0	-	-	-	-

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.
	°	°	Ins.		
Minneapolis, 8th Nov. 3 p.m.	50 N	24 W	30.41	NNE	4-5
" 6 p.m.	50 N	25 W	30.44	N	4-5
Saxonia, 8th " 4 a.m.	49 N	29 W	30.53	SW	4-5
" 7 a.m.	49 N	28 W	30.53	WSW	1-3
" 3 p.m.	49 N	24 W	30.53	W	1-3
" 6 p.m.	49 N	22 W	30.52	W	1-3
9th " 4 a.m.	49 N	18 W	30.43	WNW	1-3
" 7 a.m.	49 N	16 W	30.42	WNW	4-5
" 3 p.m.	49 N	12 W	30.32	WNW	4-5
" 6 p.m.	49 N	11 W	30.27	WNW	4-5
Saxonia, 8th " 4 a.m.	50 N	29 W	30.56	SW	4-5
" 7 a.m.	50 N	28 W	30.56	WSW	4-5
" 3 p.m.	50 N	25 W	30.54	WSW	4-5
" 6 p.m.	50 N	24 W	30.53	W	4-5
9th " 4 a.m.	51 N	20 W	30.44	W	4-5
" 7 a.m.	51 N	19 W	30.40	WSW	4-5
" 3 p.m.	51 N	16 W	30.36	NW	4-5
" 6 p.m.	51 N	15 W	30.35	NW	4-5

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

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

(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.

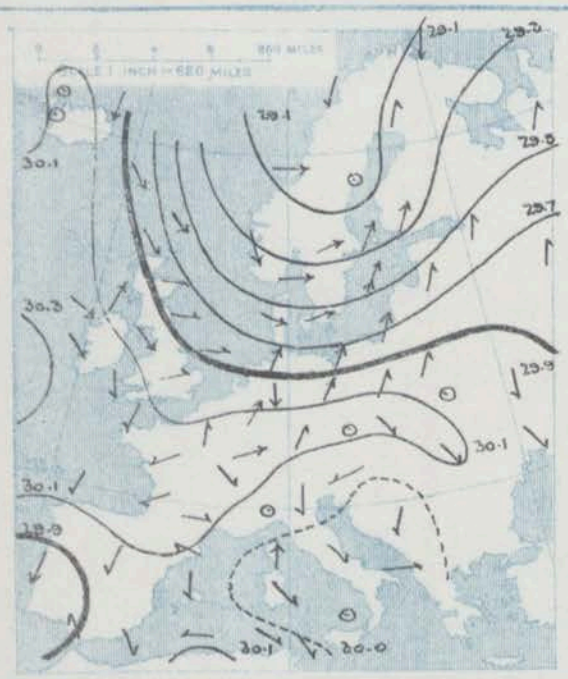
Thursday, 11th November, 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	29.08	29	N	4	0	29.38	+.27	20	19	-13	N	4	bc	*	37	?20	*	*	
	Hernösand	29.10	35	Z	0	bc	29.41	+.40	32	30	0	S	4	c	*	37	30	*	*	0.04
	Stockholm	29.26	41	SSW	4	r	29.41	+.17	31	30	-14	NW	2	b	*	46	?31	*	*	-
	Wisby	29.36	42	W	4	b	29.38	-.01	43	41	-3	WNW	6	bc	*	46	39	*	*	0.04
	Karlstad	29.29	36	Z	0	b	29.49	+.26	31	30	-10	Z	0	b	*	*	*	*	*	-
	Færder (X'tania Fjord)	29.30	45	WSW	4	b	29.48	+.23	42	37	-3	NNW	2	bc	3	46	42	*	*	-
	Bodö	29.25	38	NE	6	0	29.50	+.48	29	25	-11	E	1	b	1	40	29	*	*	-
	Christiansund ...	29.31	43	NW	3	r	29.67	+.61	37	35	-4	NNW	3	c	3	?43	37	*	*	0.28
	Skudesnaes ...	29.36	44	NNW	9	c	29.70	+.35	37	37	-5	N	4	r	3	45	36	c	*	0.55
ICELAND & FAEROE.	Isafjord	30.07	29	Z	0	c	29.93	-.20	33	*	+5	NE	7	0	*	*	*	*	*	*
	Reykjavík	30.03	28	E	1	s	?29.96	-.14	34	*	+6	E	2	r	*	*	*	*	*	*
	Seydisfjord	30.13	24	W	3	b	29.94	-.11	27	*	-4	Z	0	s	*	*	*	*	*	*
	Thorshavn	30.01	35	N	4	0	30.01	+.23	32	*	-4	Z	0	0	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.84	38	NW	4	bc	29.96	+.46	38	35	-4	NW	3	0	4	46	34	bc	*	0.18
	Stornoway	30.14	40	NNW	4	c	30.10	+.20	41	41	-1	WNW	2	r	2	44	37	c.bcqp.cp.od	2.8	0.08
	Castlebay (Barra Id.)	30.19	44	NW	3	cp	30.14	+.15	47	46	+3	NW	2	op	3	47	42	cp	3.1	0.11
	Malin Head ...	30.18	45	NW	4	cqr	30.20	+.20	48	48	+2	WNW	4	ogq	3	48	44	bcpq.ogq	*	0.01
	Blacksod Pt. ...	30.31	46	W	4	op	30.34	+.15	49	45	+3	WSW	4	c	3	49	44	bcp.bc.og	*	0.01
	Valencia	30.36	47	N	2	b	30.40	+.15	48	44	0	NNW	2	0	4	52	45	bc.b	5.1	0.02
	Roche's Point ...	30.31	47	NNW	3	b	30.39	-.17	42	41	-2	NW	2	c	1	51	39	cp.bq.bc	*	0.02
	Birr Castle ...	30.28	41	Z	0	b	30.35	+.17	37	36	-3	Z	0	0	*	49	34	b	5.5	-
	Donaghadee ...	30.17	45	WNW	3	r	30.25	+.25	42	42	+1	SSW	2	0	2	49	38	od.bcp.og	*	0.03
	Liverpool Obsy. ...	30.13	46	WNW	4	c	30.22	+.25	44	42	-1	WNW	4	b	4	49	43	bc.op.bc	3.3	0.03
	Holyhead	30.17	48	NW	6	bc	30.27	+.24	47	44	+1	NW	5	c	4	49	43	c.bc	*	-
	Pembroke (St. Ann's Hd.)	30.21	48	NNW	4	c	30.29	+.18	46	42	-1	NW	3	bc	4	50	42	bcq.bc.c	6.4	-
	Scilly (St. Mary's) ...	30.26	49	NNW	4	c	30.32	+.15	47	44	+1	N	4	c	1	52	45	c	6.5	-
	Jersey (St. Aubins) ...	30.17	49	NW	3	bc	30.27	+.16	47	43	-3	NW	2	bc	2	53	39	bc.cqp.c	7.3	0.01
	Portland Bill ...	30.12	48	NW	4	b	30.23	+.17	46	45	-2	NNW	3	bc	3	51	45	bc.b	7.4	-
	Dungeness	30.05	39	NW	3	bc	30.14	+.15	34	33	-7	NW	3	bc	3	50	33	bc.c.bc	5.6	-
	Dover	*	*	*	*	*	?30.23	+.22	36	35	-4	NW	3	bc	2	48	35	bc.b	6.4	-
	Wick	29.98	40	NW	5	0	30.05	+.34	38	36	-2	N	2	c	2	44	36	-	*	0.05
	Nairn	30.09	40	W	3	c	30.10	+.29	38	37	-2	W	1	0	1	43	36	0.c.0	1.4	0.03
	Aberdeen	30.00	40	WNW	5	b	30.09	+.33	38	36	-1	WNW	2	c	2	44	37	bcp	4.9	0.04
	Leith	30.07	46	NW	3	bc	30.13	+.31	39	37	-2	W	2	cm	*	48	37	c.bc	*	-
	North Shields ...	30.03	43	W	3	c	30.12	+.27	35	34	-5	WSW	2	bc	2	49	33	c	6.7	-
	Spurn Head ...	30.00	45	WNW	5	bc	30.09	+.22	41	38	-2	NW	6	bc	5	47	38	bc.bcq	*	-
	Yarmouth	29.98	43	NW	3	bc	30.10	+.19	37	36	-2	WNW	2	op	4	48	36	c.bc.cp	6.0	0.05
	Clacton-on-Sea ...	30.04	41	WNW	3	bc	30.14	+.18	35	34	-4	WNW	3	bc	1	47	35	bc.c.b.bc	4.6	-
	Nottingham ...	30.07	41	WNW	2	b	30.20	+.25	32	31	-9	W	1	bm	*	48	31	bm.cp.bm	2.5	0.01
	Bath	30.17	44	Z	0	0	30.27	+.18	32	32	-4	Z	0	m	*	50	30	b.p.0	6.3	-
	Oxford	30.17	40	WNW	2	b	30.26	+.21	36	35	-3	NW	2	bcm	*	49	35	b.bc.c.r.b.c	*	-
	London (St. James's Pk)	30.09	41	NW	1	b	30.21	+.19	36	35	-2	W	1	bcmx	*	48	35	b.c.0.r.bc.b	2.0	0.01
GERMANY, &c.	The Scaw (Skagen)	29.36	45	NW	5	b	29.49	+.12	45	41	0	N	3	b	1	45	43	*	*	0.12
	Fanö	29.03	44	NW	6	b	29.69	+.13	40	38	-6	NW	6	c	*	48	39	b.hp	*	0.08
	Cuxhaven†	29.75	45	NW	4	b	29.77	+.07	44	86	0	NNW	5	ogp	*	48	41	*	*	0.32
	The Helder ...	29.91	49	NW	5	c	29.97	+.15	45	42	-4	NNW	7	r	4	50	45	*	*	0.20
	Brussels	*	*	*	*	*	30.07	+.09	38	37	-2	WSW	1	0	*	48	35	*	*	0.12
	Berlin†	29.80	40	SW	2	0	29.77	-.07	41	89	+4	W	3	0	*	43	37	*	*	0.08
	Frankfurt†	29.96	37	SW	3	0	29.99	-.07	38	91	+10	SW	3	m	*	55	28	*	*	0.04
	Munich†	30.06	31	W	3	b	30.07	-.09	33	100	+6	W	4	0	*	37	27	*	*	0.04
FRANCE.	C. Gris Nez ...	30.06	45	NW	5	bc	30.15	+.15	42	39	-5	NW	5	m	5	50	41	*	*	-
	La Hève	30.13	48	NW	5	0	30.21	+.16	46	45	-4	NW	5	c	5	52	43	*	*	-
	Brest	30.24	50	N	3	b	30.33	+.12	45	43	-4	NE	3	b	2	54	41	*	*	-
	Lorient	?	50	N	4	c	?	?	43	43	-8	NNE	3	c	2	54	43	*	*	-
	Rochefort	30.10	50	SW	3	r	30.23	+.01	39	39	+2	ENE	3	b	*	50	34	0.r	*	0.04
	Biarritz	30.20	45	NE	3	b	30.24	+.05	38	37	-5	E	3	0	2	50	36	*	*	-
	Paris	30.07	39	WNW	2	b	30.18	+.07	31	31	-4	SSW	2	0	*	45	30	*	*	-
	Belfort	30.09	34	W	3	m	30.20	-.01	35	35	+10	WSW	3	f	*	42	?25	*	*	0.12
	Lyons	30.17	34	NNW	2	b	30.26	+.05	35	34	+3	NW	1	b	*	45	31	*	*	-
	Nice	29.97	48	Z	0	bc	29.85	-.18	48	43	+1	E	4	b	2	54	41	*	*	-
	Perpignan	30.09	42	NW	2	b	30.15	+.01	45	39	+12	W	3	b	*	51	?33	*	*	-
	Sauguinaire ...	29.97	55	SW	4	c	29.93	-.04	55	50	-2	W	4	0	4	66	48	*	*	-
SPANISH PENIN.	Corunna																	*	*	
	Lisbon														*			*	*	
	Azores (P. Delgada) ...																	*	*	
	" Horta ...	30.13	63	ENE	4	bc	30.04	-.14	59	56	-4	ENE	4	0	3	70	59	*	*	-

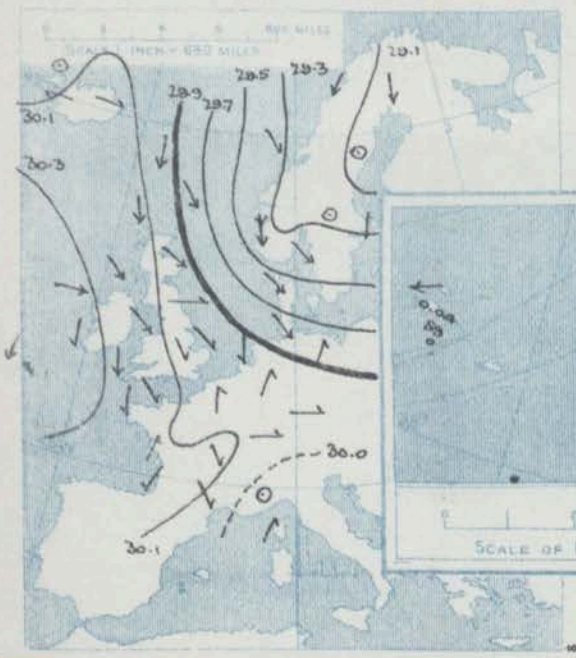
For NOTES see Page 4.

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

7 A.M. YESTERDAY.



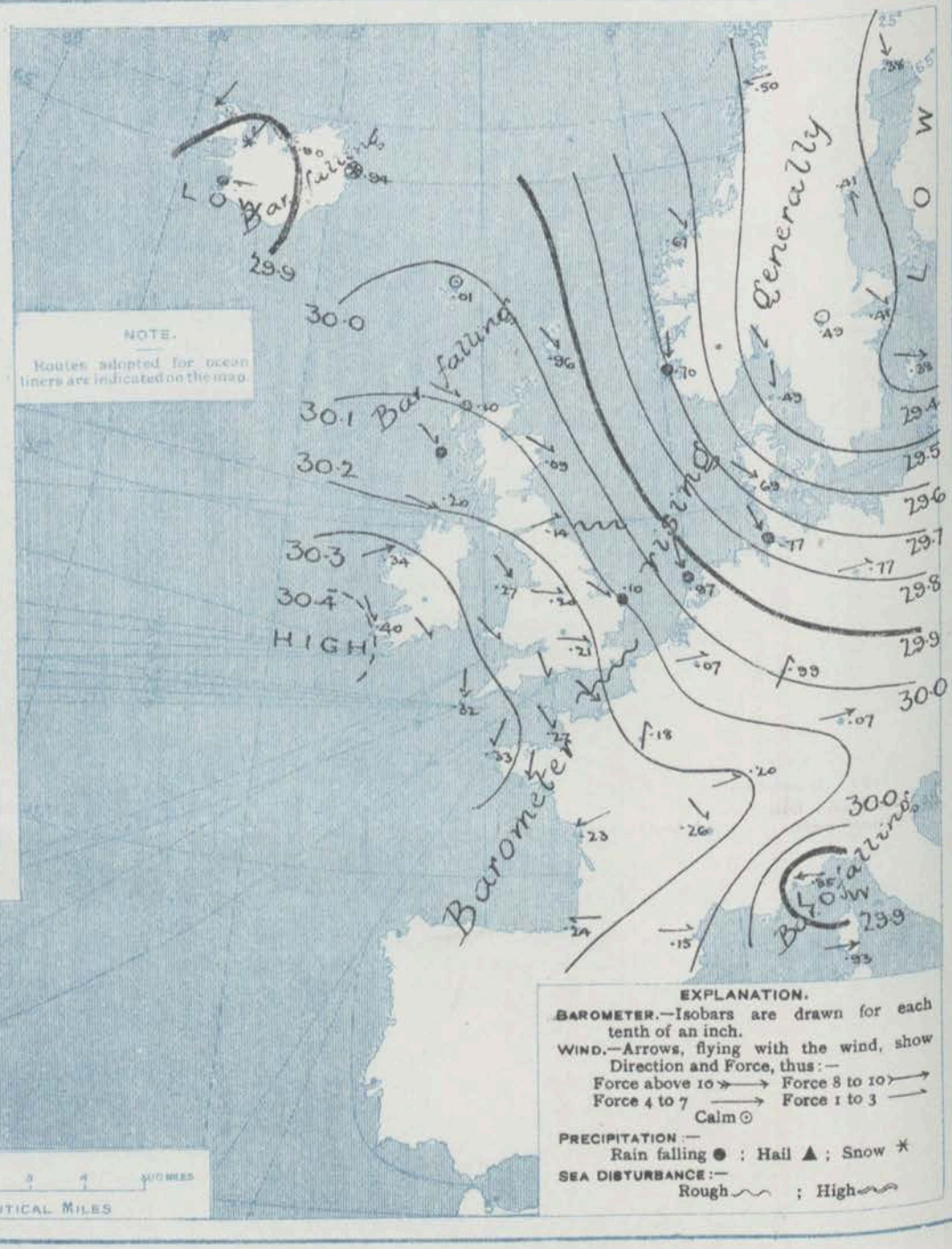
6 P.M. YESTERDAY.



Thursday, 11th Nov.

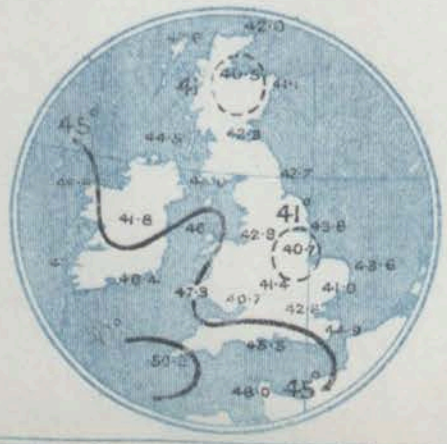
WEATHER

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



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

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



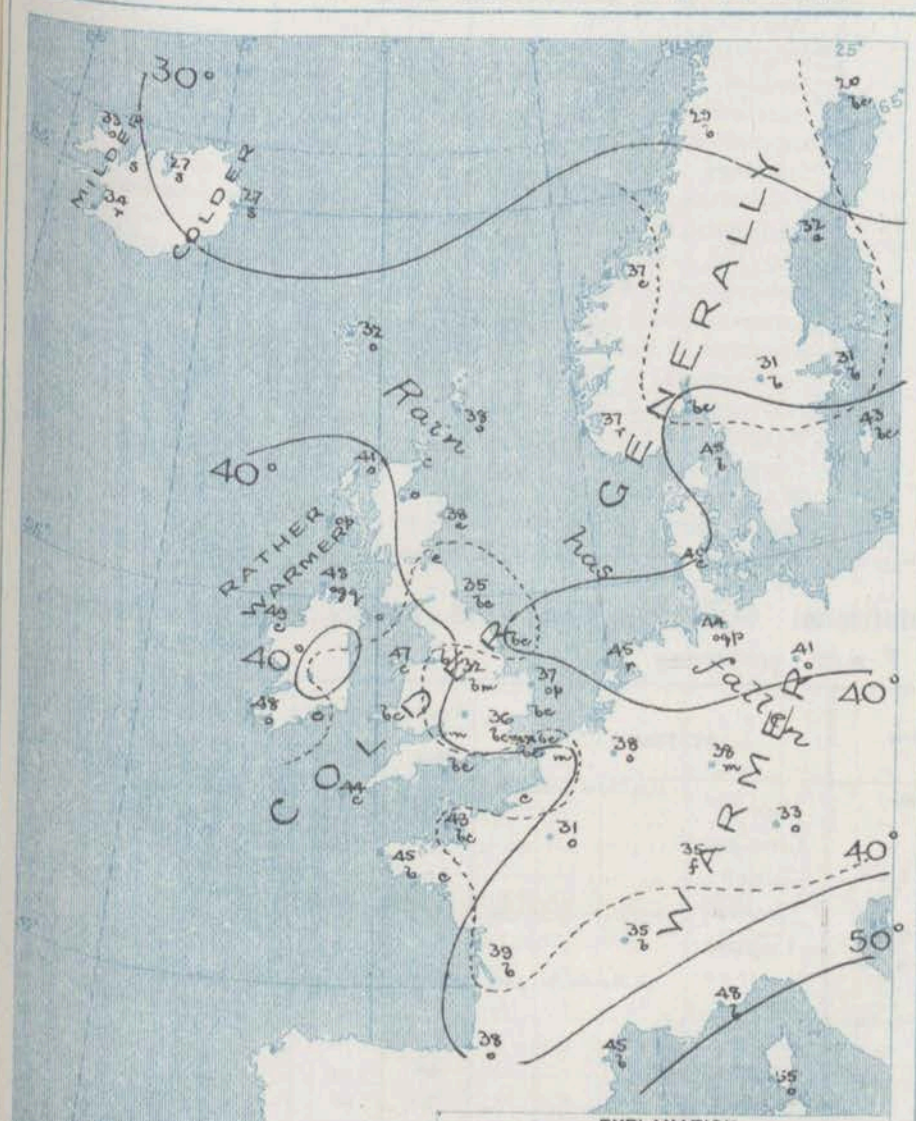
NOTES ON THE GENERAL SITUATION AT 7 A.M

A large anticyclone has again extended from the Atlantic over the whole of the United Kingdom and France. The lowest pressures are reported over the Gulf of Bothnia and the upper part of the Baltic, but a new depression has appeared over Iceland, and is causing a slight fall of the barometer on our own northern coasts.

The wind is light to moderate from W. or N.W. over the United Kingdom generally, and strong from the latter quarter on the Dutch and Danish coasts. In the west and south of France it remains light from E. or N.E. Temperature has risen slightly on our extreme north-west coasts, but has fallen in nearly all other parts of north-western Europe. At many of our west coast stations the thermometer is slightly above 45°, but over the eastern and central parts of Great Britain it is below 40°. Slight frost prevails in central France, and sharp frost over northern Scandinavia. The weather is fair or fine over western Europe as a whole, but rain is falling at some stations bordering on the North Sea, as well as in the Hebrides. Snow is reported over a large portion of Iceland. The sea is moderate or slight generally, but rather rough at Spurn Head, and also on the north coasts of France.

CHARTS 11th November, 1909.

2. Temperature and Weather at 7 A.M To Day.



Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b): N.W.ly winds, light, to W.ly or S.W.ly winds, fresh; cloudy, some rain. Milder.

1, 2 (a, b): W.ly winds, light; fair generally; cool to-day, milder to-morrow.

3, 4 (a, b), 5: N.W.ly to W.ly winds, light; fair generally, but misty or foggy in places; frost to-night.

6 (a, b): W.ly to S.W.ly winds, freshening; mild, unsettled, occasional rain.

7 (a, b): W.ly winds, light or moderate; fair generally; milder.

8 (a, b): N.ly and N.W.ly winds, light; fair generally, frost inland to-night.

9 (a, b): Same as No. 6.

10 (a, b): N.W.ly to W.ly winds, light; fair generally; rather milder.

11 WESTERN CHANNEL AND BAY.
Moderate N.W.ly winds, mouth channel and upper part Bay, with a moderate sea; light N.E.ly winds further south, with a slight sea; fair generally, normal temperature.

Notes on Yesterday's Weather.

At many of our extreme southern and south-western stations the thermometer yesterday rose to 50° or slightly above it, but in the north of Scotland it failed to reach 45°. Frost occurred over England at night; at Oxford the thermometer on the grass fell to 26°, and in London to 29°. The amount of bright sunshine yesterday was generally rather large, but showers were experienced during the day in various parts of the Kingdom. Wireless reports from the Atlantic show that as far west as the 21st meridian ships experienced light to moderate breezes from N. or N.E. and fair but cloudy weather.

General Inference from the 7 A.M. Observations.

Over the United Kingdom generally the weather will remain for the present under the influence of the anticyclone, and will therefore be fair and dry, with frost and local fogs at night. On our extreme north and north-west coasts the conditions will shortly be affected by a new depression which is appearing in the neighbourhood of Iceland.

Forecast Districts.

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

Signals hoisted yesterday.

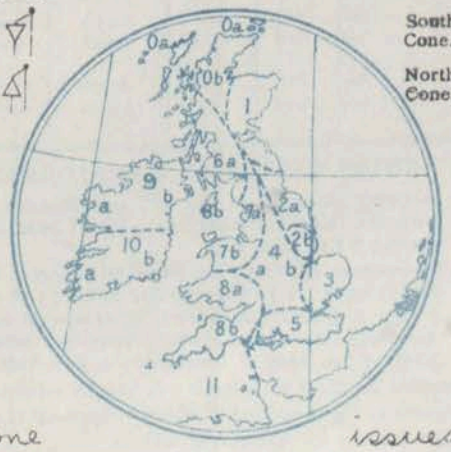
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



None issued.

Weller & Graham, Ltd Litho, London

DAILY WEATHER REPORT. Thursday, 11th November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall Ins.
Oban, to 6 p.m.	48	39	bc. r. b	3.8	0.25
Dublin (City), to 4 p.m....	49	38	o. c. b. bc	*	-
Rossall Beach, to 6 p.m.	50	42	c. cp. c	*	0.02
Blackpool, to 9 p.m. ...	48	41	c	5.2	0.08
Southport, to 9 p.m. ...	48	43	o. ogrh. c	4.4	0.20
Rhyl, to 6 p.m....	51	44	c. o. r	4.1	0.05
Colwyn Bay, to 6 p.m. ...	48	42	p. bc. b. bc	3.0	0.10
Llandudno, to 9 p.m. ...	49	44	o. c. o	1.7	0.01
Bettws-y-Coed, to 6 p.m.	47	45	b. bc. c	4.0	*
Towyn, to 6 p.m.	50	45	bc. bp. c	5.8	0.06
Aberystwyth, to 6 p.m. ...	49	46	*	3.7	-
Plymouth, to 9 p.m. ...			*		
Torquay, to 6 p.m.	52	38	*	5.3	-
Weymouth, to 6 p.m. ...	51	40	p. bc	7.4	0.01
Bournemouth, to 6 p.m. ...	51	33	bc. b	7.8	-
Southsea, to 6 p.m.	50	38	*	8.0	-
Bognor, to 6 p.m.	50	36	b. bc	6.7	0.01

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall Ins.
Worthing, to 6 p.m. ...	50	35		5.9	*
Brighton, to 6 p.m. ...	49	34	*	4.6	*
Seaford, to 6 p.m. ...	51	39	b. o. b.	5.0	0.06
Eastbourne, to 6 p.m. ...	50	38	*	5.0	0.10
Bexhill-on-Sea, to 9 p.m.	50	35		5.2	0.03
Hastings	*	*	*	6.1	*
Folkestone, to 6 p.m. ...	48	39	bc. r. bc. b	5.4	0.01
Ramsgate, to 6 p.m. ...	*	*	*	5.5	0.03
Margate, to 6 p.m.... ...	47	38	b. o. oq	4.6	-
Felixstowe, to 6 p.m. ...	48	35	*	5.5	-
Lowestoft, to 6 p.m. ...	47	38	o. op. bc. b	6.1	-
Skegness, to 6 p.m.... ...	49	39	b	6.1	-
Scarborough, to 9 p.m. ...	50	40	bc	6.3	-
Harrogate, to 6 p.m. ...	48	39	o. c. b	5.0	0.01
Buxton, to 6 p.m.					
Darwen, to 9 p.m.	45	37	o. r. b. bc. b	0.6	0.12
Manchester, to 9 p.m. ...	48	43	bc. or. op. b. bc	3.2	0.07
Birmingham, to 9 p.m....	47	39	c. op. or	1.7	0.10

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
10th November 1909.	°	°		Ins.
Madeira				
Marseilles	39	39	b. bc	*
Malta	65	57	b	0.08
Algiers...	66	55	o. o	-
Tunis	68	54	o. o	0.04
Palermo	67	44	c. b	0.04
Naples...	59	47	bc. bc	-
Brindisi	60	40	bc. b	0.04
Rome	60	43	b. o	-
Vienna...	41	30	o. o	-
St. Petersburg	36	32	r. o	*

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
10th November 1909.	°	°		Ins.
Utrecht	50	32	b. m	0.16
Groningen	50	37	bc. c	0.12
Zurich...	*	*	o. bc	-
Geneva	*	*	o. o	-
Lugano	*	*	o. o	-
9th November, 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	36	*	o	-
Coire	39	*	o	-
Castasegna...	46	*	b	-
Davos	28	*	o	-

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Dominion 8th Nov. 3 p.m.	50 N	32 W	30.37	SW	4-5	-	-	-	-	-
" 6 p.m.	49 N	33 W	30.34	SW	4-5	o	-	-	-	-
Lusitania 8th " 3 p.m.	50 N	28 W	30.54	WSW	4-5	-	-	-	-	-
" 6 p.m.	50 N	30 W	30.56	WNW	6-7	o	-	-	-	-
Montreal 8th " noon	51 N	13 W	30.35	W	1-3	-	-	-	-	-
" 7 p.m.	51 N	13 W	30.37	Z	0	o	-	-	-	-
" 3 p.m.	51 N	15 W	30.39	NW	1-3	-	-	-	-	-
" 6 p.m.	52 N	16 W	30.39	WNW	4-5	o	-	-	-	-
9th " noon	52 N	19 W	30.27	W	6-7	-	-	-	-	-
" 7 p.m.	52 N	20 W	30.28	WNW	6-7	o	-	-	-	-
" 3 p.m.	?52 N	21 W	30.36	WNW	6-7	-	-	-	-	-
" 6 p.m.	52 N	22 W	30.38	NW	6-7	o	-	-	-	-
Celtic 9th " 3 p.m.	50 N	26 W	30.35	NNW	1-3	-	-	-	-	-
" 6 p.m.	50 N	27 W	30.41	NNW	1-3	o	-	-	-	-

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.
Kronland 9th Nov. noon	49 N	30 W	30.33	SSE	8-9	5
" 7 p.m.	49 N	29 W	30.34	SSW	4-5	.
" 3 p.m.	49 N	27 W	30.36	ENE	1-3	m
" 6 p.m.	49 N	26 W	30.34	ENE	1-3	-
10th " noon	49 N	22 W	30.39	ENE	1-3	o
" 7 p.m.	49 N	21 W	30.36	ENE	1-3	-
Zeeland 10th " noon	50 N	11 W	30.27	N	4-5	.
" 7 p.m.	50 N	12 W	30.30	N	4-5	c

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6 61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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.

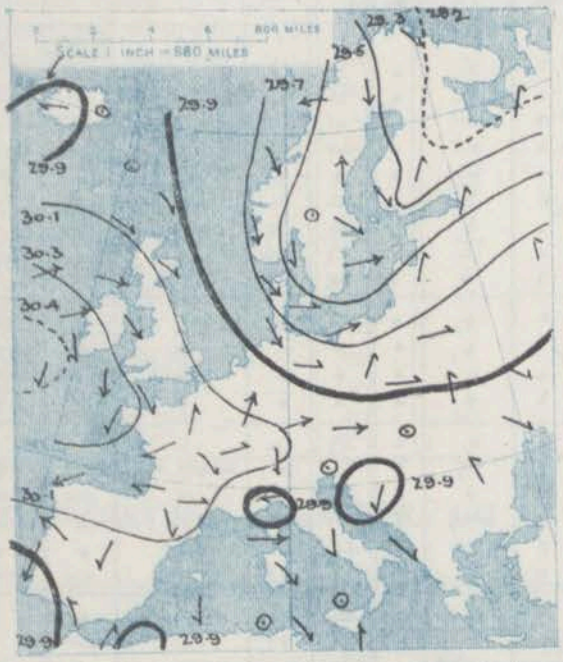
Friday, 12th November, 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	29.47	14	Z	0	b	29.51	+.13	13	13	-7	N	2	c	*	30	13	*	*	-
	Hernösand	29.49	30	Z	0	s	29.48	+.07	23	22	-9	N	2	bc	*	36	?23	*	*	0.16
	Stockholm	29.52	35	NW	2	0	29.40	-.01	29	27	-2	NNW	2	o	*	41	?29	*	*	-
	Wisby...	29.51	39	NNE	6	o	29.36	-.02	36	35	-7	NE	6	r	*	45	34	*	*	0.04
	Karlstad	29.58	34	Z	0	o	29.49	.00	28	27	-3	N	2	bc	*	*	*	*	*	-
	Færder (X'iania Fjord)	29.61	39	NNW	2	bc	29.48	.00	36	34	-6	N	2	b	1	43	34	*	*	-
	Bodö	29.53	32	N	4	c	29.58	+.08	21	17	-8	ENE	2	b	1	36	19	*	*	-
	Christiansund ...	29.62	34	NE	3	s	29.56	-.11	32	30	-5	Z	0	c	3	37	30	*	*	0.67
	Skudesnaes ...	29.69	37	N	4	r	29.53	-.17	33	32	-4	N	2	b	2	39	32	c. r	*	-
ICELAND & FAEROE.	Isafjord	30.00	31	NE	7	o	29.89	-.04	33	*	0	NE	6	o	*	*	*	*	*	*
	Reykjavik	29.76	34	S	1	s	29.70	-.26	32	*	-2	N	7	c	*	*	*	*	*	*
	Seydisfjord... ...	29.89	32	ENE	5	s	29.79	-.15	31	*	+4	ENE	2	s	*	*	*	*	*	*
	Thorshavn	29.78	34	E	4	r	29.59	-.42	35	*	+3	ENE	6	r	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.76	37	Z	0	o	29.60	-.36	36	35	-2	NE	2	o	2	39	34	o	*	0.11
	Stornoway	29.80	50	W	6	rq	29.54	-.56	50	50	+9	WNW	7	rq	6	52	41	odqm, orq	0.0	0.98
	Castlebay (Barra Hd.)	29.96	51	W	6	r	29.72	-.42	51	50	+4	WNW	6	o	4	52	46	or	0.0	0.05
	Malin Head ...	30.04	50	WNW	7	rqm	29.85	-.35	50	50	+2	W	5	bcq	5	50	48	cqm, rq, bcpq	*	0.02
	Blacksod Pt. ...	30.27	50	WSW	4	c	30.08	-.26	50	49	+1	WSW	5	m	4	51	46	cq. cp	*	0.05
	Valencia	30.40	49	WNW	2	o	30.23	-.17	49	48	+1	WNW	4	o	4	51	43	o. or	0.0	0.03
	Roche's Point ...	30.35	49	WNW	3	o	30.19	-.20	49	48	+7	WNW	3	o	2	50	41	c.o.c.o	*	-
	Birr Castle ...	30.28	48	W	4	o	30.09	-.26	49	48	+12	WSW	4	o	*	51	37	c.o r	2.0	0.03
	Donaghadee ...	30.11	49	SSW	3	r	29.91	-.34	50	49	+8	W	4	o	3	50	42	or c.op	*	0.04
	Liverpool Obsy...	30.12	49	WSW	5	o	29.87	-.35	50	47	+6	WSW	6	c	6	50	44	bc.ode	0.6	0.02
	Holyhead	30.17	49	W	5	om	30.01	-.26	50	48	+3	W	7	c	6	50	44	o. om	*	-
	Pembroke (St. Ann's Hd.)	30.27	50	WNW	4	c	30.10	-.19	51	49	+5	W	6	cgq	5	52	45	bc. c. cg	3.1	-
	Scilly (St. Mary's) ...	30.36	48	NNW	4	o	30.22	-.10	47	44	0	WNW	4	c	1	52	45	c. o	5.0	-
	Jersey (St. Aubins) ...	30.30	48	NW	3	bc	30.15	-.12	52	47	+5	WNW	5	o	4	53	45	rqp, ogm. bc	1.1	0.01
	Portland Bill ...	30.25	50	WNW	4	c	30.04	-.19	52	51	+6	WNW	6	p	4	52	44	bc. c	3.5	0.01
	Dungeness	30.16	44	W	3	o	29.91	-.25	48	47	+14	W	5	c	5	48	33	bcq, cq. c	4.6	-
	Dover	*	*	*	*	*	29.92	-.31	46	45	+10	SW	3	c	2	47	35	b. bc	6.5	-
	Wick	29.65	40	S	2	r	29.53	-.52	40	40	+2	S	2	r	3	46	38	r	*	2.10
	Nairn	29.76	50	W	2	c	29.56	-.54	49	49	+11	WSW	2	r	2	52	37	o.oqp.or	0.0	0.32
	Aberdeen	29.73	45	W	2	r	29.54	-.55	46	46	+8	ENE	1	r	3	53	37	op. orq	0.0	0.47
	Leith	29.85	50	WSW	3	o	29.64	-.49	51	48	+12	WSW	5	c	*	52	39	cq. c.o.cq	*	-
	North Shields ...	29.94	49	W	3	op	29.68	-.26	50	48	+15	WSW	5	c	3	51	33	cp. op	0.5	0.01
	Spurn Head ...	29.99	46	WSW	5	r	29.69	-.40	49	47	+8	W	7	bq	6	50	40	bc.qp.bcq	*	-
	Yarmouth	?30.09	42	WNW	2	bc	29.76	-.34	49	46	+12	W	4	c	4	49	36	bc. cp	5.3	0.03
	Clacton-on-Sea ...	30.14	43	WNW	3	o	29.85	-.29	48	46	+13	WNW	4	c	3	49	34	bc.c.o c	5.6	-
	Nottingham ...	30.11	46	W	4	c	29.87	-.33	49	48	+17	W	5	o	*	51	31	bm.c.cp.od	1.2	0.03
	Bath	30.25	47	W	2	o	30.05	-.24	50	49	+18	W	3	o	*	50	32	-	7.0	0.02
	Oxford	30.17	44	WSW	4	b	29.96	-.30	49	45	+13	W	3	o	*	49	36	bc. o.c	*	-
	London (St. James's Pk)	30.18	45	WSW	3	o	29.94	-.27	49	46	+13	WSW	3	o	*	49	35	bc.c.o.od.b	3.0	-
GERMANY, &c.	The Scaw (Skagen)	29.58	42	NE	2	b	29.45	-.02	39	36	-6	ENE	1	c	1	46	37	*	*	-
	Fanö	29.55	41	NW	6	o	29.43	-.26	36	35	-4	NNE	2	c	*	45	36	*	*	0.08
	Cuxhaven†... ...	29.80	42	NW	5	b	29.36	-.41	40	93	-4	E	5	rshq	*	45	39	*	*	0.35
	The Helder ...	29.97	45	N	3	c	29.60	-.37	52	50	+7	NW	6	o	6	52	45	*	*	0.12
	Brussels	*	*	*	*	*	29.83	-.24	47	45	+9	WNW	4	o	*	47	37	*	*	0.12
	Berlin†..	29.76	39	W	4	bc	29.52	-.25	37	95	-4	WSW	3	r	*	43	36	*	*	0.04
	Frankfurt†	30.01	39	SW	3	o	29.76	-.23	38	91	0	SW	8	r	*	45	36	*	*	0.08
	Munich†	30.04	34	W	4	r	29.98	-.09	41	100	+8	SW	6	s	*	?41	32	*	*	0.16
FRANCE.	C. Gris Nez ...	30.17	43	NW	5	o	29.92	-.23	46	46	+4	W	7	o	7	50	41	*	*	-
	La Hève	30.25	47	NW	4	bc	29.97	-.24	50	46	+4	W	6	o	5	52	43	*	*	-
	Brest	30.38	49	N	3	bc	30.28	-.05	50	47	+5	NW	3	o	2	52	45	*	*	-
	Lorient	?	50	NNW	3	c	?	?	50	48	+7	WNW	4	o	2	54	?43	*	*	-
	Rochefort	30.30	48	NNE	2	b	30.30	+.07	42	41	+3	ESE	2	b	*	?	36		*	-
	Biarritz	30.31	48	ENE	2	b	30.29	+.05	35	35	-3	ESE	3	b	2	54	35	*	*	-
SPANISH PENIN.	Paris	30.22	39	NW	2	b	30.08	-.10	43	41	+12	SW	3	r	*	49	?31	*	*	-
	Belfort...	30.22	36	W	4	f	30.12	-.08	34	34	-1	WSW	6	f	*	39	34	*	*	-
	Lyons	30.26	40	NNW	1	o	30.30	+.04	34	32	-1	W	1	b	*	41	32	*	*	-
	Nice	29.98	49	Z	0	b	30.01	+.16	44	41	-4	Z	0	b	0	57	43	*	*	-
	Perpignan	30.20	48	N	1	b	30.22	+.07	45	39	0	NW	2	b	*	55	42	*	*	-
	Sanguinaire ...	29.89	55	N	4	m	30.02	+.09	50	47	-5	E	2	m	5	66	43	*	*	0.04
	Corunna																	*	*	
	Lisbon														*			*	*	
	Azores (P. Delgada)...																	*	*	
	" Horta ...	29.91	62	NNE	4	c	29.78	-.26	60	57	+1	Z	0	o	2	68	59	*	*	-

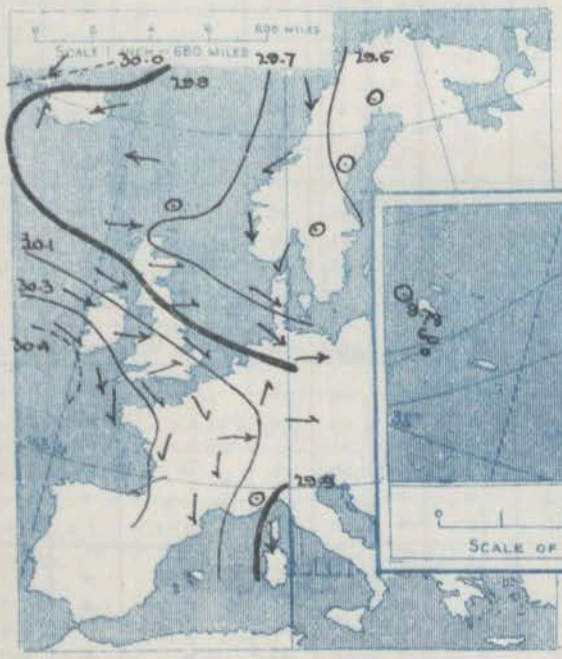
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

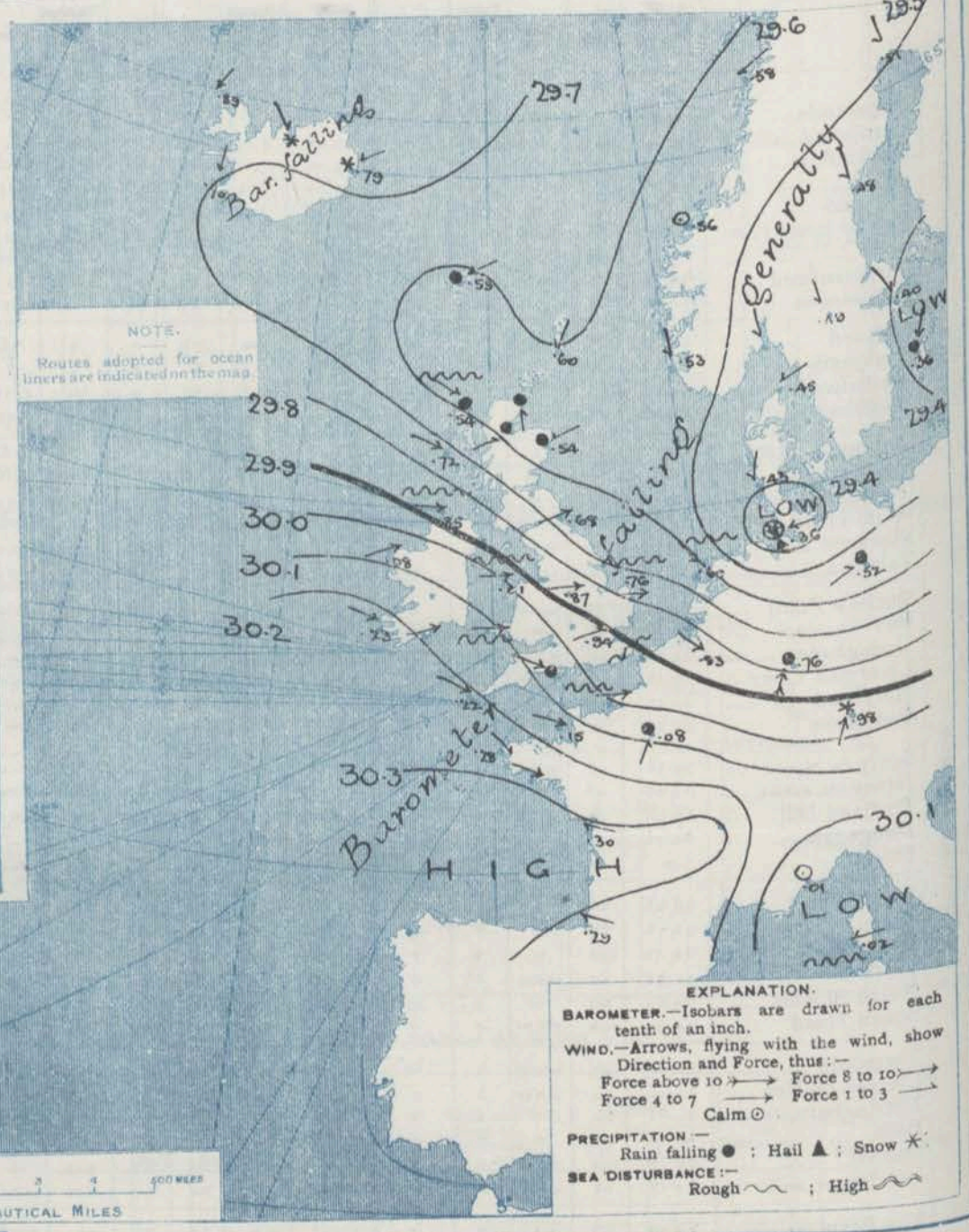


6 P.M. YESTERDAY.



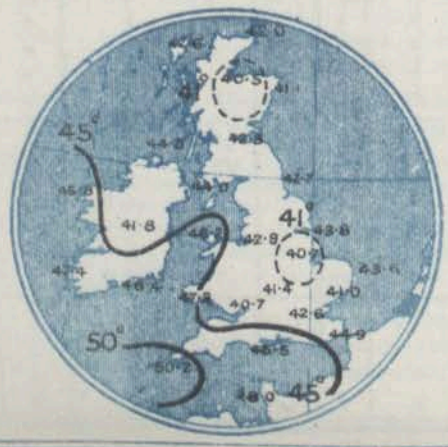
Friday. **WEATHER** 12th Nov.

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



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

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



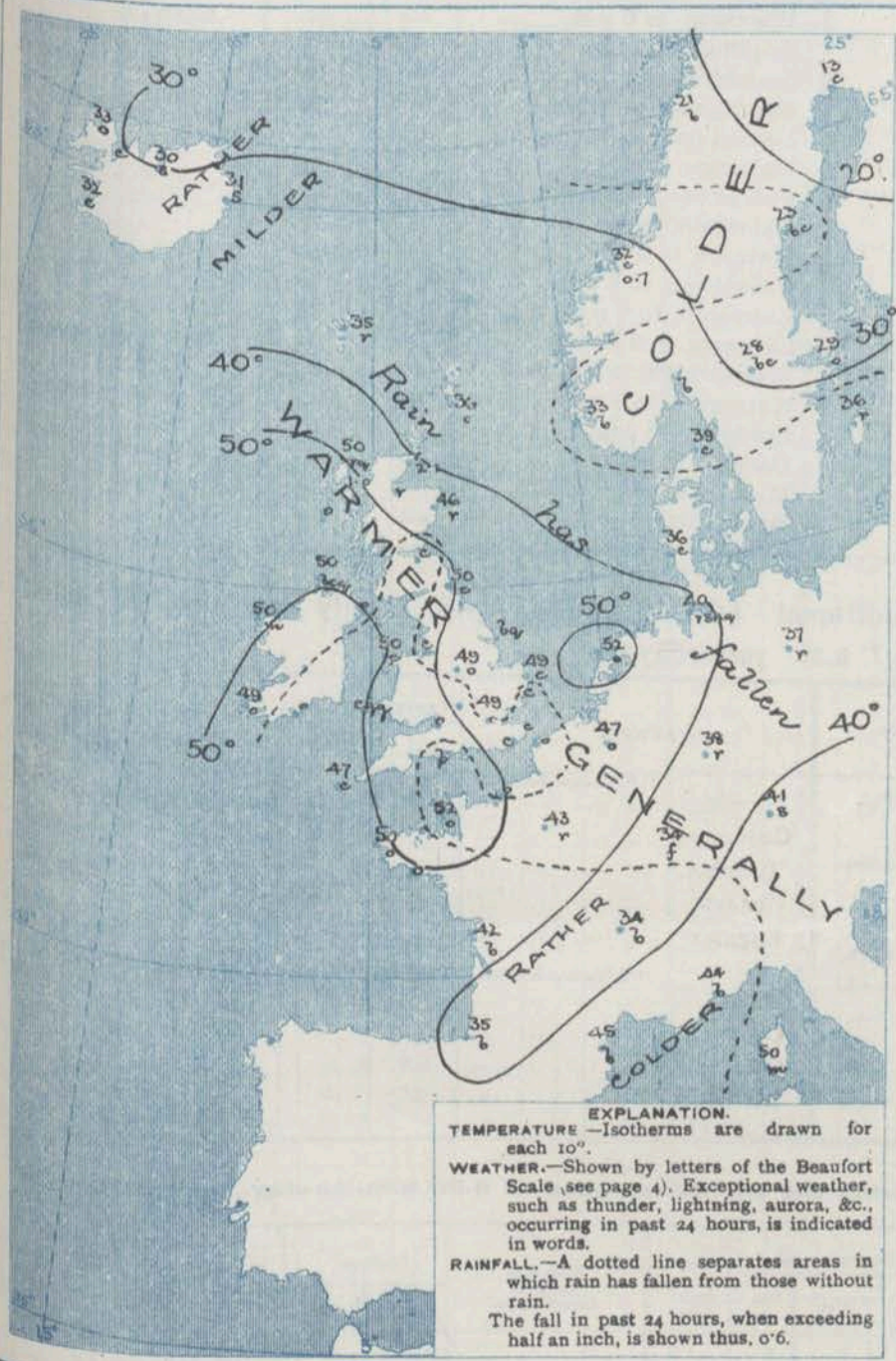
NOTES ON THE GENERAL SITUATION AT 7 A.M

The anticyclone which extended over these islands yesterday has receded in a south-westerly direction, and a large and complex area of low pressure now covers the whole of the northern and eastern parts of north-western Europe. Barometric minima are lying respectively over Holstein and over the upper part of the Baltic, a third is situated off the north of Scotland, and a fourth centre lies apparently off the south of Iceland.

Strong to high winds from W. now prevail over nearly the whole of the United Kingdom, and equally strong winds from S.W. in western and southern Germany. In Scandinavia, Denmark and Iceland the wind is N.ly or N.E.ly and generally light in force. Temperature has risen decidedly over the United Kingdom, and now ranges a little on either side of 50° in all districts excepting the north-east of Scotland. In Denmark and Germany the readings are mostly below 40°, while over a considerable portion of Scandinavia they are below the freezing point. The weather is fair or fine over the United Kingdom generally but heavy rain is falling in the north of Scotland. Rain is also reported at several of the Continental stations, and snow is falling at Frankfurt. The sea is rough or rather rough on all the more exposed parts of our coasts, and high at Cape Gris Nez.

CHARTS 12th November, 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.

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): N.W.ly to N.ly or N.E.ly winds, increasing in force; squally, some hail or sleet showers; colder.

1: W.ly to N.W.ly winds, freshening considerably; rainy at first, hail or sleet showers later; colder.

2 (a, b), 3, 4 (a, b), 5: W.ly to N.W.ly winds, increasing in force; squally, some showers. Mild to-day, cooler to-morrow.

6 (a, b), 7 (a, b), 8 (a, b), 9 (a, b): W.ly to N.W.ly winds, strong, a gale in places; squally, some showers; cooler.

10 (a, b): W.ly and N.W.ly winds, freshening; changeable, some showers; cooler.

11 WESTERN CHANNEL AND BAY. Increasing N.W.ly winds, with squally, showery weather, and a rough sea. Normal temperature.

Notes on Yesterday's Weather.

During yesterday the thermometer rose to 50° or slightly above it at most of our western and northern stations; in the south and east the maxima were a trifle lower. More than 6 hours of bright sunshine were recorded on several parts of our south and east coasts. Heavy rain has fallen in the north of Scotland (as much as 2·1 ins at Wick) and slight amounts have been recorded in several other parts of the Kingdom. On the southern steamer routes, as far west as the 12th meridian, ships experienced yesterday light N.ly breezes, but on the northern route the wind was moderate from W.ly; the weather was generally cloudy.

General Inference from the 7 a.m. Observations.

The depression which lies off the north of Scotland is likely to move south-eastward across the North Sea, and some further development will probably take place in the intensity of the low pressure system which has appeared over North Germany. As a result of these changes the wind will veer to the North-Westward over the United Kingdom generally, and blow with the force of a gale on many parts of our coasts, with squally, showery weather.

10.56

Forecast Districts.

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

Signals hoisted yesterday.

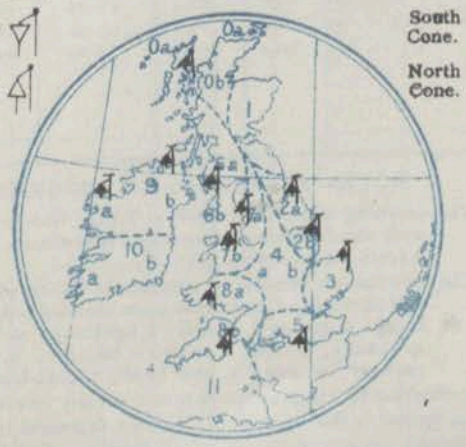
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



Weller & Graham, Ltd. Litho, London.

DAILY WEATHER REPORT. Friday, 12th November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	53	40	r. o	0.0	0.17
Dublin (City), to 4 p.m....	50	37	c. bc. o	*	-
Rossall Beach, to 6 p.m.	48	34	cr. cp. oq	*	0.15
Blackpool, to 9 p.m. ...	49	36	cp. o	0.0	0.04
Southport, to 9 p.m. ...	49	38	oe. r	0.2	0.01
Rhyl, to 6 p.m....	49	43		0.3	0.04
Colwyn Bay, to 6 p.m. ...	49	43	bc p. o. bc	0.0	-
Llandudno, to 9 p.m. ...	50	43	o. od. o	0.0	0.05
Bettws-y-Coed, to 6 p.m.	48	40	c	0.0	*
Towyn, to 6 p.m.	56	43	o. bc. o	0.4	0.06
Aberystwyth, to 6 p.m. ...	52	45	*	0.3	-
Plymouth, to 9 p.m. ...			*		
Torquay, to 6 p.m.	52	37	*	5.3	-
Weymouth, to 6 p.m. ...	50	35	b. bc. c	3.5	-
Bournemouth, to 6 p.m. ...	49	36	c. bc. b	4.6	-
Southsea, to 6 p.m.	48	37	*	5.6	-
Bognor, to 6 p.m.	48	36	b. bc	5.5	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	49	34	c. o	5.6	*
Brighton, to 6 p.m. ...	49	36	*	5.4	-
Seaford, to 6 p.m. ...	47	36	b	6.2	-
Eastbourne, to 6 p.m. ...	47	38	*	5.0	-
Bexhill-on-Sea, to 9 p.m.	48	32		6.4	-
Hastings	*	*	*	6.7	-
Folkestone, to 6 p.m. ...	45	35	b. bc. c	6.1	-
Ramsgate, to 6 p.m. ...	*	*	*	6.7	-
Margate, to 6 p.m.	47	39	b	6.2	-
Felixstowe, to 6 p.m. ...	48	35	*	6.6	-
Lowestoft, to 6 p.m. ...	46	34	bc. o. cp. c	5.1	0.04
Skegness, to 6 p.m.... ...	48	33	b. o	4.9	-
Scarborough, to 9 p.m. ...	49	37	o	0.0	-
Harrogate, to 6 p.m. ...	46	33	bc. c. o	3.3	0.01
Buxton, to 6 p.m.	38	30	bc. cor. o	0.0	0.07
Darwen, to 9 p.m.	46	32	bc. bf. our	0.1	0.22
Manchester, to 9 p.m. ...	49	32	bm. c. od. o. od	0.0	-
Birmingham, to 9 p.m....	48	36	c. o	0.1	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
11th November, 1909.	°	°		Ins.
Madeira	70	52	r. r	0.67
Marseilles	54	36	b. b	-
Malta	65	58	b	0.04
Algiers...	68	59	bc. r	-
Tunis	73	52	bc. o	-
Palermo	67	49	bc. o	0.12
Naples...	55	46	bc. b	0.08
Brindisi	60	46	o. c	-
Rome	55	37	b. b	-
Vienna...	43	34	bc. o	-
St. Petersburg	45	36	r. bc	0.12

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
11th November, 1909.	°	°		Ins.
Utrecht	52	37	r. c	0.24
Groningen	50	41	bc. c	0.24
Zurich...	*	*	b. o	0.12
Geneva	*	*	b. b	-
Lugano	*	*	b. b	-
10th November, 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	39	*	b	-
Coire	37	*	b	-
Castasegna...	45	*	b	-
Davos	36	*	b	-

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Corsican, 9th Nov. 4am	55N	35W	30.22	W	6-7	-	-	-	-	-
" 7am	55N	36W	30.24	W	6-7	bc	-	-	-	-
St Louis, 9th " 4am	49N	29W	30.32	W	4-5	-	-	-	-	-
" 7am	49N	30W	30.38	WNW	1-3	o	-	-	-	-
Zeeland, 10th " 3pm	50N	16W	30.39	N	4-5	-	-	-	-	-
" 6pm	50N	17W	30.44	N	4-5	o	-	-	-	-
Groenland, 10th " 3pm	49N	18W	30.33	NE	1-3	-	-	-	-	-
" 6pm	49N	17W	30.33	NE	1-3	o	-	-	-	-
11th " 4am	49N	13W	30.30	NNE	1-3	-	-	-	-	-
" 7am	49N	12W	30.30	NNE	1-3	o	-	-	-	-

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.
Empress of Britain, 10th Nov. 3pm	56N	22W	30.40	SSW	4-5	o
" 6pm	56N	21W	30.41	SSW	4-5	o
11th " 4am	56N	15W	30.31	WSW	4-5	o
" 7am	55N	13W	30.30	WSW	4-5	o
" 10am	55N	12W	30.23	SW	4-5	o
" 1pm	55N	10W	30.20	WSW	6-7	o

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

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

(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.

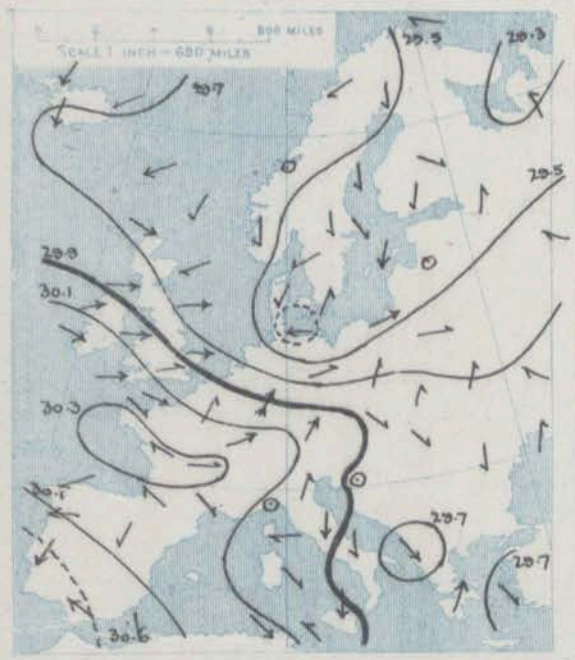
Saturday, 13th November, 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.46	12	N	2	b	29.35	-.16	17	17	+4	NNE	4	c	*	23	10	*	*	-
	Hernösand	29.47	23	Z	0	o	29.30	-.18	14	14	-9	NNW	4	b	*	28	14	*	*	-
	Stockholm	29.23	30	NNW	4	s	28.99	-.41	28	27	-1	N	6	s	*	34	28	*	*	0.08
	Wisby...	29.21	35	N	6	o	28.92	-.44	35	32	-1	N	6	c	*	39	30	*	*	0.04
	Karlstad	29.38	26	NW	2	b	29.22	-.27	22	22	-6	N	2	b	*	*	*	*	*	-
	Færder (X'tania Fjord)	29.34	33	ENE	3	b	29.23	-.25	28	26	-8	NNE	7	b	3	36	27	*	*	-
	Bodö	29.37	23	ENE	6	s	29.28	-.30	22	19	+1	E	4	b	1	23	19	*	*	-
	Christiansund ...	29.47	30	E	1	b	29.38	-.18	31	30	-1	SSW	1	o	2	32	27	*	*	0.43
	Skudesnaes ...	29.21	37	SE	4	o	29.32	-.21	30	27	-3	NNE	2	b	3	37	30	o	*	-
ICELAND & FAEROE.	Isafjord	30.19	31	NE	7	c	30.47	+.58	27	*	-6	NE	7	o	*	*	*	*	*	*
	Reykjavik	29.95	32	N	6	c	30.26	+.56	26	*	-6	N	8	bc	*	*	*	*	*	*
	Seydisfjord... ...	29.96	27	Z	0	s	30.10	+.31	26	*	-5	ENE	4	s	*	*	*	*	*	*
	Thorshavn	29.50	36	NE	5	c	29.77	+.18	32	*	-3	NW	4	c	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.09	34	E	6	r	29.51	-.09	35	35	-1	N	4	o	5	39	32	r.o	*	0.44
	Stornoway	29.12	45	W	8	c	29.71	+.17	35	34	-15	N	4	bc	5	51	33	orq. cp. sq	0.5	0.59
	Castlebay (Barra Id.)	29.43	46	WNW	8	bcqg	29.73	+.01	40	37	-11	N	3	bc	3	51	39	orqm. qp. bc	0.0	0.16
	Malin Head ...	29.49	49	WNW	9	ow	29.69	-.16	44	40	-6	NNW	4	c	4	51	40	qp. om. t bc	*	0.19
	Blacksod Pt. ...	29.82	51	SW	5	qpm	29.63	-.45	44	42	-6	WSW	5	oqp	4	52	42	opm. op	*	0.07
	Valencia	30.00	50	W	4	cp	29.86	-.37	46	42	-3	NNW	4	bcq	4	51	46	oqp. cp. om	0.1	0.04
	Roche's Point ...	29.96	50	W	3	o	29.84	-.35	45	42	-4	NW	4	c	2	52	44	oq. cp. c	*	0.02
	Birr Castle ...	29.83	49	W	6	o	29.78	-.31	36	35	-13	Z	0	b	*	51	34	or. o	0.1	0.05
	Donaghadee ...	29.60	51	WSW	5	cq	29.68	-.23	42	41	-8	WSW	4	c	3	53	39	c. bc. bcpq	*	0.03
	Liverpool Obsy...	29.59	48	WSW	7	o	29.60	-.27	43	39	-7	W	6	bc	6	51	42	oqm	0.0	0.01
	Holyhead	29.72	51	WSW	8	cqp	29.67	-.34	45	42	-5	NW	7	c	6	51	42	oqm oqp	*	0.01
	Pembroke (St. Ann's Hd.)	29.85	51	W	7	o	29.74	-.36	45	40	-6	NW	6	bcq	5	53	44	cqq. cqp. oq	0.1	0.02
	Scilly (St. Mary's) ...	30.06	49	W	6	o	29.80	-.42	48	45	+1	N	5	o	2	53	45	cp. o	1.3	0.04
	Jersey (St. Aubins) ...	30.02	51	WNW	5	o	29.76	-.39	52	50	0	WNW	5	o	4	54	50	oq. opm. qpm	0.0	0.03
	Portland Bill ...	29.88	52	W	7	c	29.09	-.35	48	44	-4	NNW	6	bc	6	54	42	c. qp	0.3	0.15
	Dungeness	29.76	51	W	6	o	29.60	-.31	44	43	-4	W	4	bc	5	53	43	c. op	0.0	-
	Dover	*	*	*	*	*	29.62	-.30	43	39	-3	NW	3	b	4	51	42	c. bc. b	0.0	-
	Wick	28.92	38	NW	7	o	29.56	+.03	34	33	-6	N	3	chp	4	47	33	-	*	1.25
	Nairn	29.10	44	W	4	bc	29.59	+.03	35	34	-14	W	4	o	3	50	32	orq. spq	0.0	0.29
	Aberdeen	29.08	47	WNW	5	b	29.52	-.02	35	34	-11	WNW	4	bc	4	54	35	or. o. cp bcqp	0.4	0.20
	Leith	29.24	51	W	6	c	29.58	-.06	39	35	-12	NNW	2	b	*	53	38	c. cqp	*	0.01
	North Shields ...	29.32	52	W	6	o	29.53	-.15	35	33	-15	W	3	bc	3	52	33	c. o. p	0.8	-
	Spurn Head ...																		*	
	Yarmouth	29.60	50	W	5	bc	29.44	-.32	42	38	-7	W	6	bcq	6	52	42	bc. cq	1.3	-
	Clacton-on-Sea ...	29.68	50	W	4	c	29.56	-.29	41	39	-7	WNW	5	b	3	51	40	c. oq. cp	0.8	0.03
	Nottingham ...	29.63	51	W	5	o	29.60	-.27	41	39	-8	WNW	3	bm	*	53	41	op. o	0.0	-
	Bath	29.86	51	SW	5	o	29.71	-.32	42	42	-8	NW	1	b	*	53	41	-	4.5	-
	Oxford	29.72	50	WSW	5	o	29.68	-.28	39	36	-10	W	2	b	*	54	39	c. o. op. t	*	0.01
	London (St. James's Pk)	29.76	51	W	4	o	29.63	-.31	44	39	-5	WNW	3	bc	*	54	44	o bc. o qp	0.0	-
GERMANY, &c.	The Scaw (Skagen)																	*	*	
	Fanö	29.30	37	N	8	r	28.90	-.53	34	33	-2	N	7	o	*	45	34	*	*	0.16
	Cuxhaven†... ...	29.41	41	S	3	r	28.79	-.57	43	38	+3	W	7	thq	*	48	40	*	*	0.87
	The Helder ...	29.45	52	W	7	o	29.22	-.38	47	42	-5	WNW	10	o	9	52	46	*	*	0.04
	Brussels	*	*	*	*	*	29.51	-.32	44	42	-3	WNW	4	b	*	50	43	*	*	0.08
	Berlin†..	29.46	37	W	2	o	28.97	-.55	45	81	+8	W	7	r	*	45	34	*	*	0.47
	Frankfurt†	29.67	46	SW	6	o	29.41	-.35	45	87	+7	SW	7	r	*	48	36	*	*	0.71
	Munich†	29.82	40	SW	7	o	29.65	-.33	39	75	-2	SW	7	b	*	41	32	*	*	0.12
FRANCE.	C. Gris Nez ...	29.78	51	W	7	o	29.61	-.31	47	41	+1	WNW	7	c	7	54	46	*	*	0.04
	La Hève	29.93	47	W	6	o	29.69	-.28	50	47	0	WSW	6	o	6	54	46	*	*	0.08
	Brest	30.13	49	W	4	c	29.86	-.42	51	50	+1	NW	4	o	2	52	48	*	*	0.04
	Lorient	?	51	WNW	4	o	?	?	50	49	0	WNW	3	r	2	54	48	*	*	-
	Rochefort	30.14	51	S	2	o	29.91	-.39	53	50	+11	SW	3	o	*	54	41	*	*	-
	Biarritz	30.19	48	ENE	3	b	29.89	-.40	37	36	+2	E	4	b	2	54	35	*	*	-
	Paris	29.96	49	W	3	o	29.75	-.33	45	44	+2	SW	4	o	*	50	42	*	*	0.08
	Belfort...	30.07	37	W	7	r	29.90	-.22	?	37	?	W	6	o	*	38	34	*	*	0.04
	Lyons	30.18	41	E	1	bc	30.00	-.30	41	38	+7	WNW	1	o	*	46	38	*	*	-
	Nice	29.84	42	Z	0	b	29.78	-.23	45	41	+1	E	2	b	2	55	41	*	*	-
	Perpignan	30.10	51	NW	1	b	29.89	-.33	36	35	-9	SW	1	b	*	58	35	*	*	-
	Sauguinaire ...																	*	*	
SPANISH PENIN.	Corunna																	*	*	
	Lisbon	29.97	62	SE	2	o	29.90	-.09	62	60	+4	SSW	3	o	*	64	58	*	*	1.14
	Azores (P. Delgada)...																	*	*	
	" Horta ...	29.74	60	SW	3	b	29.71	-.07	59	55	-1	NNW	1	c	2	68	59	*	*	-

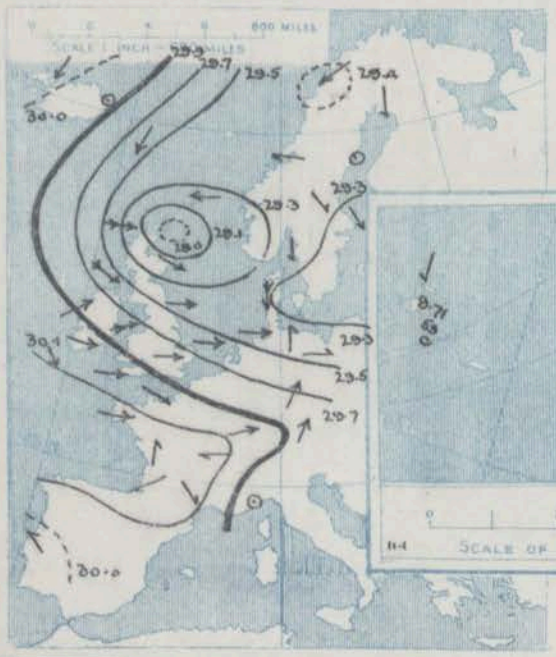
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

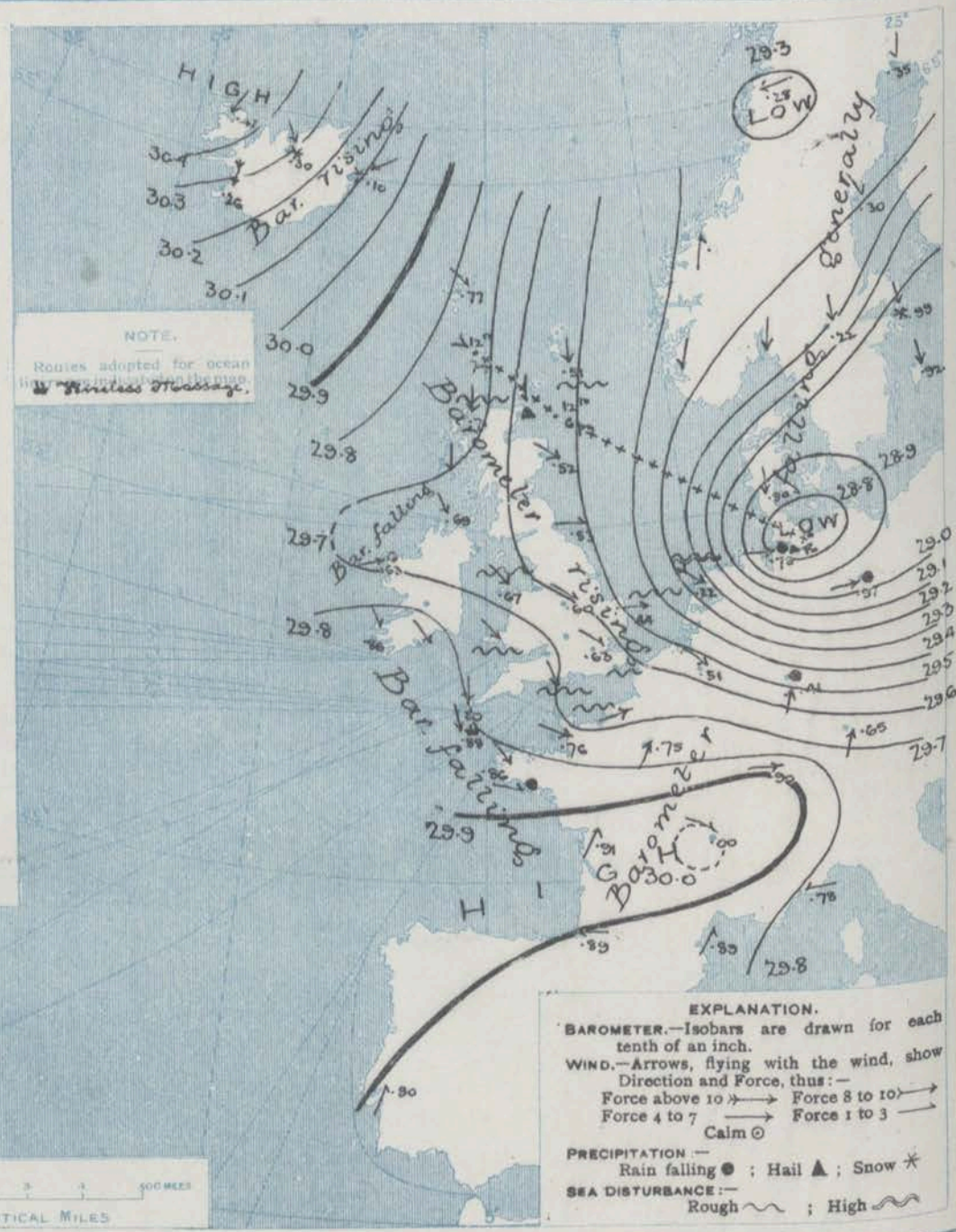


6 P.M. YESTERDAY



Saturday, WEATHER 13th Nov.

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



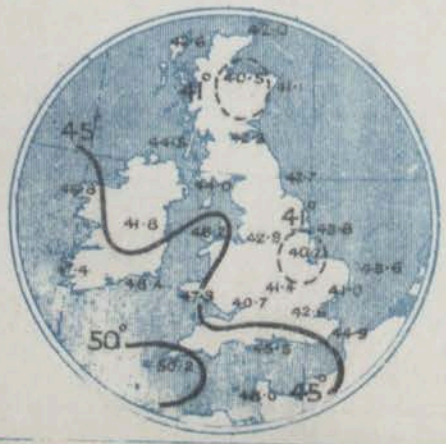
NOTES ON THE GENERAL SITUATION AT 7 A.M

The depression which lay yesterday morning off the north of Scotland has increased considerably in depth, and has travelled south-eastwards across the North Sea. Its centre now lies over Holstein, near Kiel, and over Holland, Germany and the eastern parts of the North Sea. The gradient is now very steep. In the rear of the disturbance the mercury is rising over the United Kingdom generally, but in the north-west of Ireland a fresh fall is reported.

The wind is moderate to strong from W. over the eastern parts of Great Britain, and high from the same quarter or from S.W. in Germany; at the Helder a whole gale from W.N.W. is reported. In Scotland the wind is chiefly N.by, while on our western and southern coasts it is N.W.by. Temperature has fallen decidedly over the United Kingdom, and now ranges from a little above 45° on our south and south-west coasts to about 35° in central Ireland and most parts of North Britain. Sharp frost prevails in Sweden and in Iceland. The weather is fine over the United Kingdom generally, but showers are falling in the west of Ireland. On the Continent the weather is generally cloudy and unsettled, with rain in several parts of Germany, and a thunderstorm, with hail, at Cuxhaven. Snow is falling at Stockholm, and also in eastern Iceland. The sea is rough or rather rough on nearly all the more exposed parts of our coasts, and is exceedingly high at the Helder.

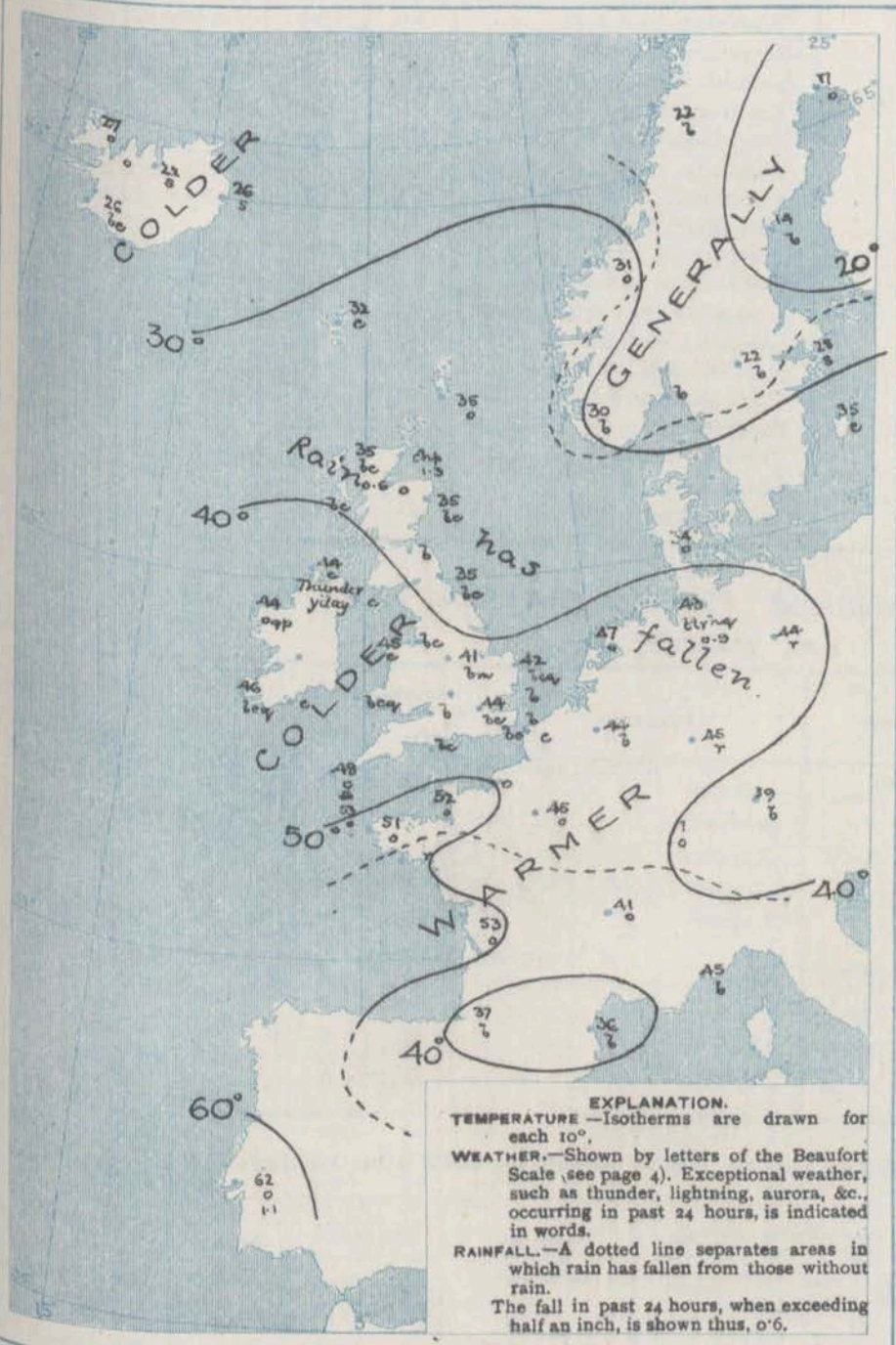
AVERAGES OF TEMPERATURE AT 8. A.M. FOR THE MONTH OF NOVEMBER.

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



CHARTS 13th November, 1909.

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



FORECASTS

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b), 1: N.ly winds, fresh or strong in places; cold, changeable, some sleet or snow showers.

2 (a, b), 3, 4 (a, b): W.ly to N.W.ly winds, strong in places; gusty, some hail or sleet showers; colder.

5: W.ly to N.W.ly winds, strong to a gale in places; fair at first, some hail or sleet showers later; colder.

6 (a, b): Same as Nos. 0 & 1.

7 (a, b), 8 (a, b), 9 (a, b), 10 (a, b): N.W.ly to N.ly winds, strong to a gale in places; squally, some hail or sleet showers. Colder.

11 WESTERN CHANNEL AND BAY.

Fresh to strong N.W.ly winds and a rather rough sea, both moderating later; squally, some showers; colder.

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards in nearly all parts of the United Kingdom, and to 56° at Bournemouth. The amount of bright sunshine was generally very small. Rain has fallen in nearly all places, but at several English stations the amount has been too slight for measurement. Thunder has been heard at Malin Head. Wireless reports show that as far west as the 17th meridian ships experienced light variable winds, and cloudy weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

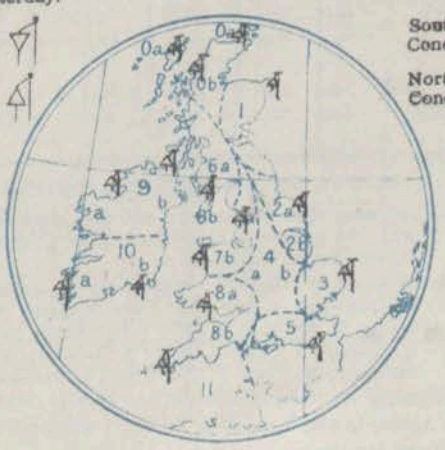
In the rear of the deep depression which has passed across the North Sea several small secondary disturbances are appearing over various parts of the United Kingdom. Changeable, showery weather is, therefore, likely to prevail in most districts, and squally winds are probable, reaching the force of a gale on several parts of our western and southern coasts.

FORECAST DISTRICTS.

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

Signals hoisted yesterday. Signals hoisted this morning.

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



Weller & Graham, Ltd Litho, London

DAILY WEATHER REPORT. Saturday 13th November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	53	33	ogr	0.0	0.10
Dublin (City), to 4 p.m....	52	47	c. ogd. og	*	-
Rossall Beach, to 6 p.m.	52	48	c fog. r. c	*	0.03
Blackpool, to 9 p.m. ...	51	48	o. c. o	0.0	-
Southport, to 9 p.m. ...	51	49	o. og	0.0	-
Rhyl, to 6 p.m....	52	48	o. c. o	0.1	-
Colwyn Bay, to 6 p.m. ...	52	48		0.0	-
Llandudno, to 9 p.m. ...				0.0	
Bettws-y-Coed, to 6 p.m.	54	38		2.2	*
Towyn, to 6 p.m.	54	45	dp. c. be. o	0.6	0.02
Aberystwyth, to 6 p.m. ...	54	48	*	0.5	-
Plymouth, to 9 p.m. ...			*		
Torquay, to 6 p.m.	54	42	*	0.7	-
Weymouth, to 6 p.m. ...	54	44	o. c	0.3	-
Bournemouth, to 6 p.m. ...	56	39		2.2	-
Southsea, to 6 p.m.	54	39	*	3.2	-
Bognor, to 6 p.m.	54	42	o. be. c	2.4	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	54	38	o. c. o	2.2	*
Brighton, to 6 p.m. ...	54	40	*	2.0	-
Seaford, to 6 p.m. ...	52	45	bc. b. bo. b	1.0	-
Eastbourne, to 6 p.m. ...	54	44	*	2.4	-
Bexhill-on-Sea, to 9 p.m.	53	40	c	0.3	-
Hastings	*	*	*	0.0	*
Folkestone, to 6 p.m. ...	52	41	c. o	0.0	-
Ramsgate, to 6 p.m. ...	*	*	*	0.1	-
Margate, to 6 p.m.... ...	52	39	o	0.6	-
Felixstowe, to 6 p.m. ...	52	38	*	1.8	-
Lowestoft, to 6 p.m. ...	52	42	c. dp. c. o	1.0	-
Skegness, to 6 p.m.... ...	53	49	bc. o	0.8	0.01
Scarborough, to 9 p.m. ...	54	43	c. bc	2.5	0.01
Harrogate, to 6 p.m. ...	51	45	o. c. oc. o	0.2	-
Buxton, to 6 p.m.	48	42	o. or	0.0	0.18
Darwen, to 9 p.m.	48	44	ou. ou	0.0	0.02
Manchester, to 9 p.m. ...					
Birmingham, to 9 p.m....	51	45	o. c	0.0	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
12th Nov. 1909.	°	°		
Madeira	63	54	bc. r	0.24
Marseilles	52	39	b. o	-
Malta	66	60	bc	0.16
Algiers...	68	59	o. o	-
Tunis	72	54	o. c	-
Palermo	67	55	b. bc	-
Naples...	57	43	b. b	0.32
Brindisi	59	44	o. o	0.16
Rome	55	43	b. b	0.12
Vienna...	41	36	c. c	0.04
St. Petersburg	43	37	r. o	0.04

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
12th Nov. 1909.	°	°		
Utrecht	50	39	r. r	0.20
Groningen	50	41	o. r	0.39
Zurich...	*	*	o. o	-
Geneva	*	*	o. o	-
Lugano	*	*	b. b	-
11th Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	41	*	o	0.04
Coire	41	*	o	
Castasegna...	46	*	b	-
Davos	27	*	s	-

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
H.M.S. 13th Nov. 11am	49.9N.	7.11W	29.86	WSW	3	m	53	52	54	3
7pm	49.9N	6.19W	29.88	NNW	4	o	53	52	54	4
Sailing on Great Circle between St John's Newfoundland and Scilly between noon 7th Nov. and noon 12th Nov. barometer ranged between 30.24 and 30.49.										
Celtic 10th 11am	49N	36W	30.27	SSE	4.5	-	-	-	-	-
7pm	49N	37W	30.22	S	4.5	b	-	-	-	-
Zeeland 11th 11am	50N	21W	30.44	SSW	4.5	-	-	-	-	-
7pm	50N	22W	30.44	SSW	4.5	o	-	-	-	-
3pm	50N	26W	30.36	SSE	4.5		-	-	-	-
6pm	49N	27W	30.32	SSE	4.5	bc	-	-	-	-
Tunisian 10th 3pm	55N	31W	30.13	S	4.5	-	-	-	-	-
6pm	56N	29W	30.14	SSW	6-7	o	-	-	-	-

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.
Tunisian 11th Nov. 11am	56N	25W	30.19	SW	4-5	o
7pm	56N	23W	30.25	SW	4-5	-
3pm	56N	19W	30.23	WSW	4-5	o
6pm	56N	18W	30.22	WSW	4-5	-
12th 11am	55N	13W	30.16	W	6-7	o
7pm	55N	12W	29.94	W	6-7	-
Oceanic 12th 11am	51N	16W	30.31	WNW	1-3	o
7pm	51N	17W	30.27	WNW	1-3	-
St Paul 11th 11am	49N	30W	30.29	SSE	4-5	o
7pm	49N	29W	30.32	S	4-5	-
3pm	50N	24W	30.34	SE	1-3	o
6pm	50N	22W	30.34	SE	1-3	-
12th 11am	50N	19W	30.38	ENE	1-3	o
7pm	50N	17W	30.37	ENE	1-3	-
3pm	50N	14W	30.26	NW	1-3	o
6pm	50N	12W	30.15	NW	4-5	-

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6·61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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.

Sunday, 14th November, 1909.

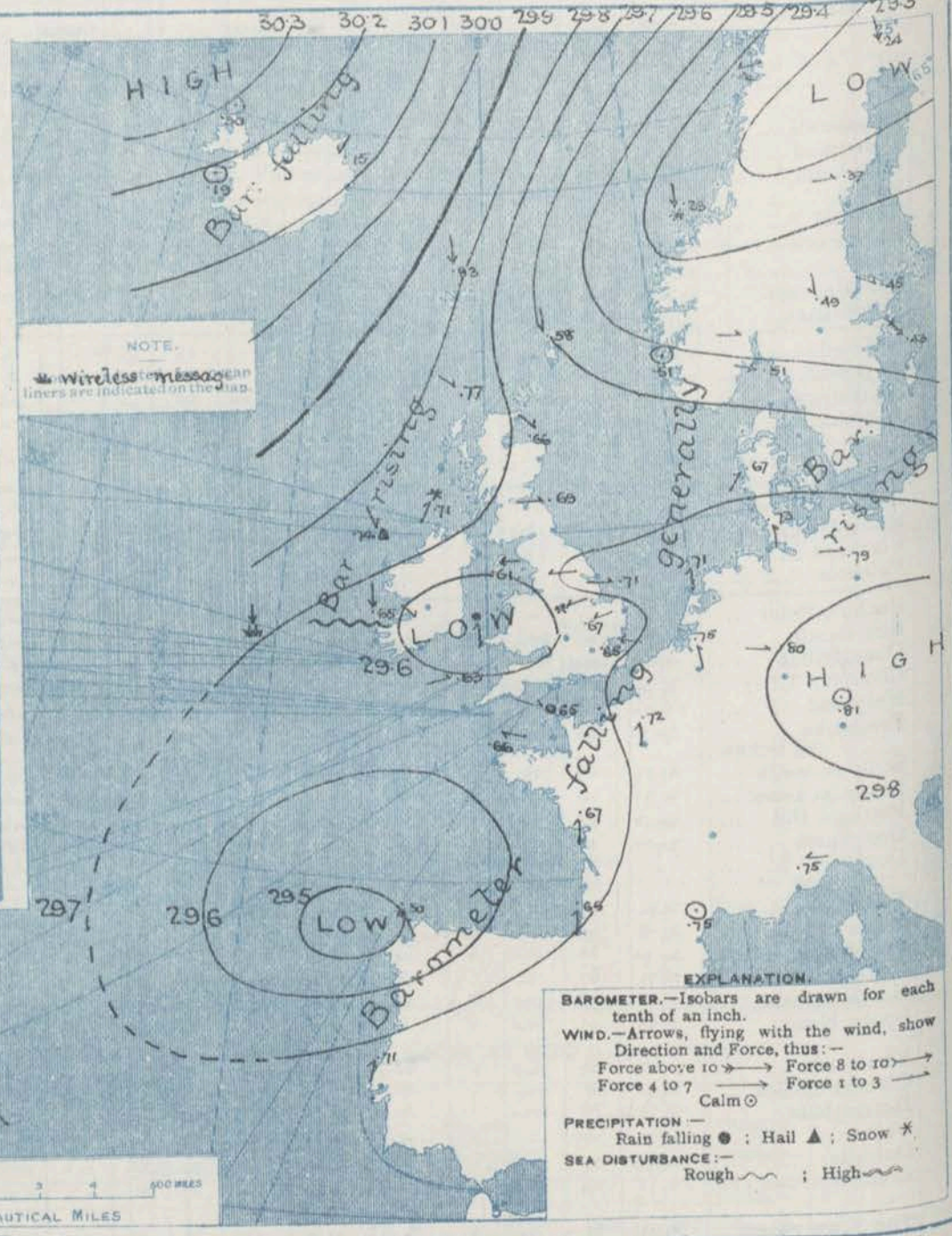
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.22	11	NNE	4	0	29.24	-.11	8	8	-9	N	4	0	*	19	?8	*	*	0.04
	Hernösand	29.28	18	N	4	0	29.37	+.07	9	9	-5	W	2	6	*	23	?9	*	*	-
	Stockholm	29.14	23	NW	8	0	29.45	+.46	17	16	-11	WNW	2	6	*	30	?17	*	*	0.35
	Wisby...	28.97	31	N	9	5	29.43	+.51	30	27	-5	NW	8	6c	*	36	28	*	*	0.08
	Karlstad	29.39	21	N	4	6	29.49	+.27	18	18	-4	N	2	6	*	*	*	*	*	-
	Færder (X'tania Fjord)	29.41	31	NW	1	6	29.45	+.22	32	29	+4	W	2	6	2	?32	28	*	*	-
	Bodö	29.26	27	E	6	6	29.40	+.12	15	12	-7	E	2	6	1	22	14	*	*	-
	Christiansund ...	29.36	32	WSW	4	5	29.33	-.05	35	33	+4	N	6	5	4	36	30	*	*	0.95
	Skudesnaes ...	29.54	33	N	4	6	29.51	+.19	31	31	+1	2	0	0	2	36	30	6	*	-
ICELAND & FAEROE.	Isafjord	30.45	22	NNW	3	6	?30.30	-.17	26	*	-1	2	0	c	*	*	*	*	*	*
	Reykjavik	30.33	25	N	6	c	30.19	-.07	20	*	-6	2	0	c	*	*	*	*	*	*
	Seydisfjord... ...	30.15	22	NNE	4	0	30.15	+.05	25	*	-1	NE	3	6c	*	*	*	*	*	*
	Thorshavn	29.79	28	N	5	5	29.83	+.06	28	*	-4	N	4	6c	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.58	32	N	1	0	29.58	+.07	31	31	-4	N	2	0	1	36	29	0	*	0.04
	Stornoway	29.75	33	NW	2	c	29.77	+.06	28	28	-7	NW	1	6c	2	39	27	6cphs, cphs	2.0	0.22
	Castlebay (Barra Id.)	29.77	37	NNE	2	bcp	29.78	+.05	36	32	-4	NNE	3	c	3	43	32	bc, bcpo, c	3.2	0.04
	Malin Head ...	29.74	41	N	2	bc	29.71	+.02	36	35	-8	SW	2	cpo	3	46	?36	bc bcpo	*	0.02
	Blacksod Pt. ...	29.74	45	ENE	5	0	29.74	+.11	37	36	-7	NNW	4	chp	3	46	34	cp, o, p	*	0.21
	Valencia	29.73	47	W	4	c	29.65	-.20	42	39	-4	N	5	o	5	49	41	cp, bcp	3.1	0.08
	Roche's Point ...	29.76	47	W	2	0	29.57	-.27	39	38	-6	NW	3	c	2	48	39	b, bc, o, cg	*	-
	Birr Castle ...	29.73	41	SSE	3	r	29.65	-.13	34	33	-2	NE	3	ors	*	48	32	c, r, ors	4.6	0.58
	Donaghadee ...	29.75	42	WNW	3	bc	29.70	+.02	42	40	0	N	3	c	2	46	34	bc	*	-
	Liverpool Obsy...	29.74	40	N	2	bc	29.66	+.06	33	31	-10	ESE	2	bc	2	46	33	b	6.7	0.01
	Holyhead	29.74	45	NE	1	b	29.61	-.06	40	37	-5	E	4	o	3	47	36	bc	*	-
	Pembroke (St. Ann's Hd.)	29.75	43	NNW	2	bc	29.53	-.21	42	41	-3	S	3	r	4	48	40	bcq, bc	6.4	0.10
	Scilly (St. Mary's) ...	29.77	48	N	1	c	29.63	-.17	46	43	-2	WSW	2	c	2	52	43	c	4.0	0.03
	Jersey (St. Aubins) ...	29.77	45	NW	3	bc	29.65	-.11	44	43	-8	WNW	2	r	2	53	40	ogm, p, bcg, r	6.8	0.29
	Portland Bill ...	29.73	45	NW	2	bc	29.60	-.09	42	40	-6	NE	2	c	2	50	40	bc	5.0	0.01
	Dungeness	29.71	40	NW	2	bc	29.65	+.05	45	41	+1	ESE	4	o	4	49	30	bc, bcc, c	6.5	-
	Dover	*	*	*	*	*	29.68	+.06	39	37	-4	SSE	1	m	0	47	32	b, bcc, 3	7.7	-
	Wick	29.64	35	N	3	0	29.65	+.09	29	28	-5	N	1	0	3	39	28	t, s	*	0.12
	Nairn	29.71	31	W	1	b	29.72	+.13	31	30	-4	W	1	b	1	40	29	bc, b, bcs	6.7	0.08
	Aberdeen	29.70	35	WNW	3	bc	29.66	+.12	33	32	-2	NW	2	c	3	42	30	bcp, bcsp.	4.7	0.02
	Leith	29.71	37	W	1	b	29.69	+.11	30	28	-9	W	2	b	*	42	29	b	*	-
	North Shields ...	29.70	36	NW	3	bc	29.69	+.16	29	28	-6	W	3	c	4	42	26	c, r	7.7	-
	Spurn Head ...	29.65	41	NW	5	b	29.68	+.20	36	35	+11	SW	3	o	4	43	35	bc, omx	*	-
	Yarmouth	29.66	39	NW	3	bc	29.71	+.27	31	30	-11	W	2	c	4	45	31	bc, c	7.2	-
	Clacton-on-Sea ...	29.71	38	WNW	1	b	29.69	+.13	35	34	-6	N	2	o	2	46	32	bc, omx	7.5	-
	Nottingham ...	29.73	35	NNW	1	b	29.70	+.10	28	27	-13	E	1	o	*	46	27	fm	3.8	-
	Bath	29.76	43	2	0	m	29.57	-.14	35	34	-7	NW	1	o	*	53	31	-	6.7	-
	Oxford	29.77	37	N	1	b	29.67	-.01	33	32	-6	ENE	1	rs	*	48	30	b, bm, s, rs	*	0.01
	London (St. James's Pk)	29.73	43	NW	2	b	29.67	+.04	37	36	-7	ENE	2	ogm	*	47	35	c, b, o	2.7	-
GERMANY, &c.	The Scaw (Skagen)	29.43	35	NW	3	b	29.51	+.42	38	35	+4	WNW	5	o	2	38	30	*	*	-
	Fanö	29.60	33	N	1	b	29.67	+.77	37	34	+3	SW	1	bc	*	37	28	*	*	0.04
	Cuxhaven†... ...	29.56	37	N	3	b	29.73	+.44	33	35	-10	S	2	bc	*	43	30	*	*	0.04
	The Helder ...	29.63	38	NE	1	c	29.7	+.49	31	31	-16	S	1	b	1	48	31	-	*	0.39
	Brussels	*	*	*	*	*	29.75	+.44	31	31	-13	ESE	1	c	*	48	29	*	*	-
	Berlin†..	29.53	35	WNW	3	c	29.79	+.82	30	34	-15	WNW	3	c	*	46	28	*	*	0.08
	Frankfurt†	29.71	39	SW	4	b	29.80	+.39	30	98	-15	W	1	bc	*	50	30	*	*	0.12
	Munich†	29.74	41	W	6	c	29.81	+.16	35	100	-1	2	0	o	*	45	36	*	*	-
FRANCE.	C. Gris Nez ...	29.73	45	NW	4	b	29.69	+.08	38	35	-9	ESE	1	o	1	50	37	*	*	-
	La Hève	29.75	46	WNW	4	bc	29.70	+.01	41	37	-9	SSE	2	bc	2	52	34	*	*	-
	Brest	29.81	48	NNE	3	f	29.66	-.20	48	45	-3	ESE	2	o	2	52	45	*	*	0.08
	Lorient	?	52	W	4	r	?	?	47	47	-3	E	2	f	2	53	45	*	*	0.16
	Rochefort	29.83	52	WSW	3	0	29.67	-.24	48	47	-5	S	3	m	*	54	46	0	*	0.04
	Biarritz	29.82	52	ENE	3	0	29.66	-.23	56	54	+19	S	2	bc	2	55	?37	*	*	-
	Paris	29.76	42	NNW	1	0	29.72	-.03	35	35	-10	S	1	o	*	50	34	*	*	0.04
	Belfort...														*			*	*	
	Lyons														*			*	*	
	Nice	29.75	46	2	0	b	29.75	-.03	45	?42	0	E	3	c	2	57	41	*	*	-
	Perpignan	29.78	47	2	0	b	29.75	-.14	37	37	+1	2	0	bc	*	62	37	*	*	-
	Sauguinaire ...																	*	*	
SPANISH & PENIN.	Corunna	29.73	53	E	3	r	29.80		59	57		SSE	1	r	3	64	57	*	*	0.32
	Lisbon	29.83	60	SSW	4	0	29.71	-.19	62	60	0	SSW	4	0	*	64	59	*	*	0.04
	Azores (P. Delgada)...	29.81	?59	NW	3	b	29.86	+.13	59	57	+2	NW	1	b	2	64	55	*	*	-
	" Horta ...	29.80	60	N	1	b	29.83	+.12	64	59	+5	SW	3	o	2	70	59	*	*	-

For NOTES see Page 4.

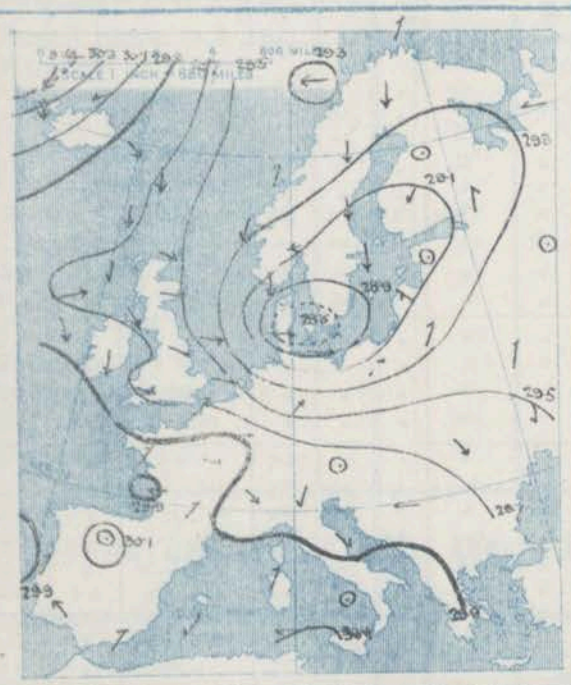
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND FOR 7 A.M. AND 6 P.M. YESTERDAY

Sunday. **WEATHER** 14th Nov.

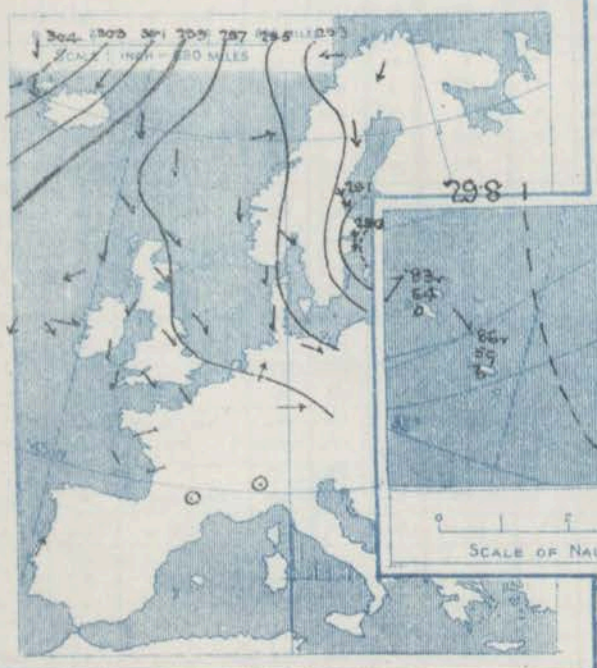
1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



7 A.M. YESTERDAY.



6 P.M. YESTERDAY



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The distribution of pressure has become very irregular, especially over these islands and France. An anticyclone, with the barometer above 30·2 ins., lies between Iceland and Greenland. In a depression covering our south-western districts pressure is below 29·6 ins., in another near Corunna it is at 29·5 ins., and in another over northern Sweden it is below 29·3 ins. There is a considerable gradient between Iceland and Norway, elsewhere it is very slight.

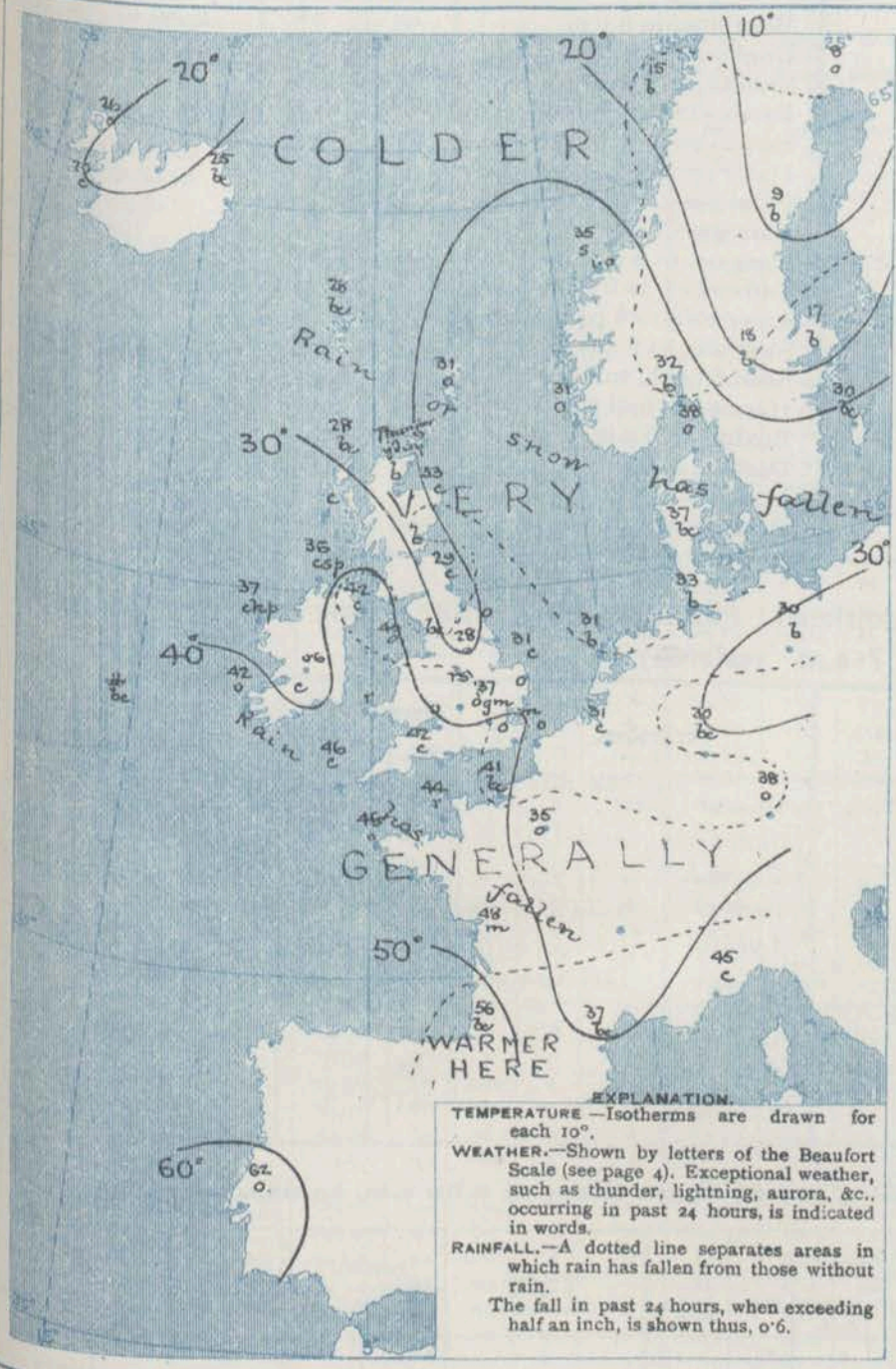
Throughout the region under observation the winds are exceedingly variable in direction, few places report so much as a moderate breeze, but at Wisby there is a N.W. by N. gale. Low temperatures prevail generally. At the home stations the values range from 28° at Nottingham and Stornoway to 46° at Scilly; over western Europe from 30° at Berlin and Frankfurt to 62° at Lisbon; in Scandinavia from 8° at Haparanda to 35° at Christiansund; in Iceland from 14° to 26°. Fair to fine weather is reported in the Iceland region, but elsewhere it is very variable, fine and bright to overcast, dull and gloomy. Rain is falling at Jersey and Pembroke, snow at Malin Head and Christiansund, and hail at Blacksod Point. The sea is rather rough off Valencia, moderate to very smooth on other coasts.

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

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

CHARTS 14th November, 1909

2 Temperature and Weather at 7 a.m To Day.



Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 {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.

11 WESTERN CHANNEL AND BAY.

Notes on Yesterday's Weather.

During yesterday temperature rose to 54° at Scarborough, but remained below 50° in nearly all other localities, below 40° in the north of Scotland. Rain, sleet or snow has fallen in most districts, Birr Castle reporting over half an inch of rain and melted snow. There were good sunshine records over the country generally, up to about 8 hours at Ramsgate, Harrogate and Hastings. Wireless reports from the Atlantic show that ships have experienced calms and light to moderate N.E.ly to N.W.ly breezes and fine to fair cloudy weather as far west as the 31st meridian.

General Inference from the 7 a.m. Observations.

Forecast Districts.

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

Signals hoisted yesterday.

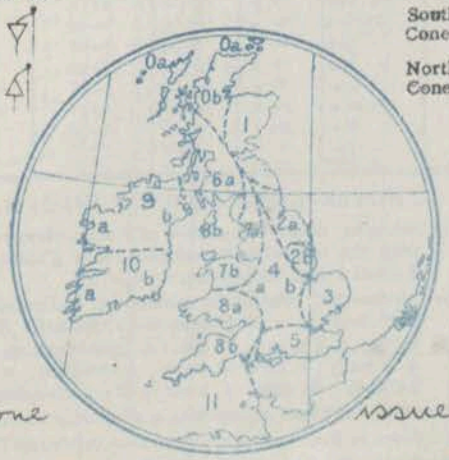
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



Weller & Graham, Ltd. Litho, London.

DAILY WEATHER REPORT.

Sunday, 14th November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	48	35	b	6.1	0.01
Dublin (City), to 4 p.m....	50	38	pq. c. bc	*	0.01
Rossall Beach, to 6 p.m.	50	37	c	*	-
Blackpool, to 9 p.m. ...	48	31	b	7.7	0.01
Southport, to 9 p.m. ...	51	32	opq. b	7.0	0.14
Rhyl, to 6 p.m....	52	42	o. r. b	6.2	0.02
Colwyn Bay, to 6 p.m. ...	47	40	c. b	0.0	-
Llandudno, to 9 p.m. ...	52	37	or. o. bc	1.5	0.05
Bettws-y-Coed, to 6 p.m.					
Towyn, to 6 p.m.	49	35	p. b. bc	5.8	0.06
Aberystwyth, to 6 p.m. ...	49	43	*	3.5	-
Plymouth, to 9 p.m. ...	51	36	bc. o. b	2.5	-
Torquay, to 6 p.m.	50	42	*	3.2	-
Weymouth, to 6 p.m. ...	49	42	b. bc. c	5.0	-
Bournemouth, to 6 p.m....	50	40	c. b. bo	6.3	-
Southsea, to 6 p.m.				7.0	
Bognor, to 6 p.m.	50	42	b. bm	7.1	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	49	38	b. bc	7.0	-
Brighton, to 6 p.m. ...			*		
Seaford, to 6 p.m. ...	52	40	o	7.4	-
Eastbourne, to 6 p.m. ...			*		
Bexhill-on-Sea, to 9 p.m.	52	43	b	7.6	0.03
Hastings	*	*	*	8.0	*
Folkestone, to 6 p.m. ...					
Ramsgate, to 6 p.m. ...	*	*	*	7.9	0.02
Margate, to 6 p.m.	47	43	b	7.6	0.02
Felixstowe, to 6 p.m. ...	52	38	*	7.7	0.01
Lowestoft, to 6 p.m. ...					
Skegness, to 6 p.m.... ..	44	36	b	7.8	-
Scarborough, to 9 p.m. ...	54	34	bc	6.0	-
Harrogate, to 6 p.m. ...	49	33	o. bc. b	7.9	0.16
Buxton, to 6 p.m.	42	34	or. b. ch. b	6.2	
Darwen, to 9 p.m.					0.12
Manchester, to 9 p.m. ...	52	32	or. cy. bc	2.2	-
Birmingham, to 9 p.m....	48	34	o. c. b	1.9	

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
13th Nov. 1909.	°	°		Ins.
Madeira	64	59	o. o	1.14
Marseilles	52	37	b. b	-
Malta	66	57	o	-
Algiers...	66	55	bc. o	-
Tunis	72	48	c. bc	-
Palermo	61	47	b. bc	-
Naples...	65	46	c. b	-
Brindisi	52	39	b. b	0.12
Rome	52	41	b. o	-
Vienna...	?	41	bc. o	0.20
St. Petersburg	41	32	r. o	-

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
13th Nov. 1909.	°	°		Ins.
Utrecht	52	46	o. o	0.04
Groningen	50	43	o. o	0.24
Zurich...	*	*	o. b	-
Geneva	*	*	b. b	-
Lugano	*	*	b. b	-
12th Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	41	*	o	0.04
Coire	36	*	s	-
Castasegna...	52	*	b	-
Davos	27	*	s	-

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	Ins.				°	°	°	
Oceanic — Nov. 12th 3 p.m.	51 N	22 W	30.23	WNW	1-3	-	-	-	-	-
" " 6 p.m.	51 N	23 W	30.22	WNW	1-3	o	-	-	-	-
" 13th 4 a.m.	50 N	28 W	30.17	N	1-3	-	-	-	-	-
" " 7 a.m.	50 N	30 W	30.14	Z	0	c	-	-	-	-
Minnehonka — Nov. 13th 4 a.m.	50 N	11 W	29.94	NNW	4-5	-	-	-	-	-
" " 7 a.m.	50 N	12 W	29.92	NNE	4-5	c	-	-	-	-
Baltic — Nov. 11th 4 a.m.	48 N	39 W	29.73	SSE	8-9	-	-	-	-	-
" " 7 a.m.	48 N	37 W	29.78	S	6-7	o	-	-	-	-
" " 3 p.m.	49 N	35 W	30.09	S	6-7	-	-	-	-	-
" " 6 p.m.	49 N	32 W	30.14	S	6-7	c	-	-	-	-
" 12th 4 a.m.	? 50 N	27 W	30.25	S	1-3	-	-	-	-	-
" " 7 a.m.	? 50 N	26 W	30.28	S	1-3	o	-	-	-	-
" " 3 p.m.	50 N	23 W	30.26	S	1-3	-	-	-	-	-
" " 6 p.m.	50 N	22 W	30.23	NW	1-3	o	-	-	-	-
" 13th 4 a.m.	50 N	18 W	29.97	N	4-5	-	-	-	-	-
" " 7 a.m.	50 N	17 W	29.96	N	1-3	c	-	-	-	-
" " 3 p.m.	51 N	13 W	29.81	NW	4-5	-	-	-	-	-
" " 6 p.m.	51 N	12 W	29.76	NW	4-5	c	-	-	-	-

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6 61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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 November 1909.

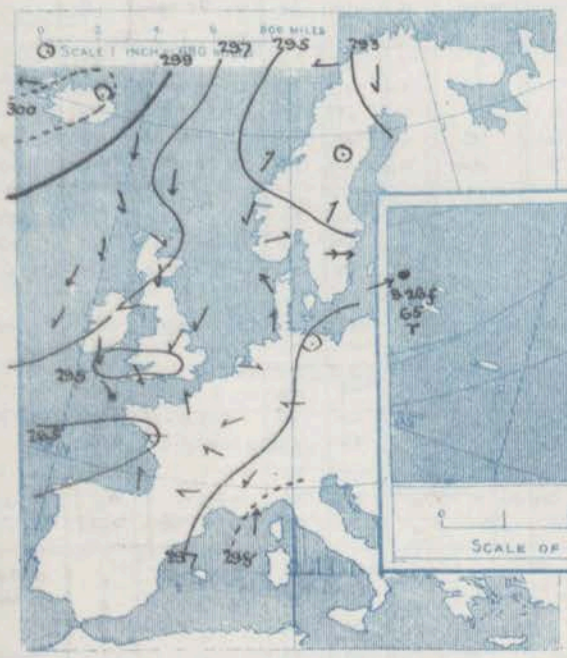
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	29.23	16	N	2	S	29.29	+.05	19	19	+11	NE	2	S	*	?19	7	*	*	0.16
	Hernösand	29.47	16	Z	0	b	29.56	+.19	12	11	+3	NW	4	b	*	19	9	*	*	-
	Stockholm	29.45	26	SW	2	b	29.75	+.30	19	18	+2	W	2	b	*	?26	?17	*	*	-
	Wisby...	29.53	37	WNW	8	c	29.73	+.30	31	30	+1	WNW	4	b	*	39	25	*	*	0.08
	Karlstad	29.54	26	NW	2	b	29.73	+.24	16	15	-2	NNE	2	b	*	*	*	*	*	-
	Færder (Christiania Fjord)	29.85	35	NW	2	b	29.68	+.23	31	23	-1	NE	1	b	1	36	30	*	*	-
	Bodö	29.40	18	E	2	b	29.41	+.01	15	13	0	E	2	b	1	?18	14	*	*	-
	Christiansund ...	29.48	33	SW	2	c	29.58	+.25	34	32	-1	NW	4	o	4	?35	30	*	*	0.67
	Skudesnaes ...	29.53	36	NNE	2	o	29.70	+.19	33	31	+2	NE	2	c	3	36	30	c.o	*	-
ICELAND & FAEROE.	Isafjord	29.93	29	Z	0	S	29.60	-.30	28	*	+2	Z	0	S	*	*	*	*	*	*
	Reykjavik	29.98	22	E	4	o	29.54	-.65	18	*	-2	E	5	S	*	*	*	*	*	*
	Seydisfjord... ...	30.04	20	Z	0	b	29.71	-.44	24	*	-1	Z	0	o	*	*	*	*	*	*
	Thorshavn	29.83	27	N	4	c	29.88	+.05	27	*	-1	Z	0	c	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.60	33	N	5	o	29.73	+.15	31	30	0	N	3	c	2	39	28		*	0.01
	Stornoway	29.82	32	NNW	2	bc	29.92	+.15	30	30	+2	Z	0	bc	0	36	26	bc sp	1.4	0.25
	Castlebay (Barra Id.)	29.80	37	NE	2	bc	29.9[illegible]	+.15	35	33	-1	NNE	3	bc	2	40	32	cs. b. bs. bc	5.7	0.01
	Malin Head ...	29.75	36	N	3	bc	29.87	+.16	37	35	+1	NE	3	c	3	40	35	bc bsp bsp	*	0.01
	Blacksod Pt. ...	29.78	37	NE	5	chp	29.83	+.09	36	34	-1	NNE	1	c	2	41	30	bsp. bc	*	0.16
	Valencia	29.74	40	NE	2	c	29.87	+.22	35	31	-7	N	3	b	4	45	32	bc. c	6.2	-
	Roche's Point ...	29.71	40	N	4	b	29.85	+.28	34	32	-5	N	3	b	2	43	31	cg. bc. b. bc	*	0.01
	Birr Castle ...	29.74	35	Z	0	b	29.92	+.27	20	19	-14	Z	0	b	*	41	18	b	5.6	0.02
	Donaghadee ...	29.74	39	NNW	3	c	29.86	+.16	39	37	-3	NE	2	bc	2	43	37	bc	*	-
	Liverpool Obsy...	29.67	35	E	2	c	29.81	+.15	32	30	-1	ENE	2	bc	2	39	30	omc	0.0	-
	Holyhead	29.63	41	ENE	3	bem	29.79	+.18	37	35	-3	E	3	bc	2	42	33	c. bem	*	-
	Pembroke (St. Ann's Hd.)	29.56	38	NE	5	o	29.73	+.20	36	34	-6	NE	3	omc	3	46	32	or. bc. opm	1.8	0.11
	Scilly (St. Mary's) ...	29.49	46	N	5	c	29.67	+.04	43	40	-3	NNE	5	o	2	49	42	c	5.0	0.06
	Jersey (St. Aubins) ...	29.51	43	NW	2	bc	29.58	-.07	44	42	0	WNW	3	c	3	47	37	omr. cg. bem cp	0.0	0.38
	Portland Bill ...	29.48	44	NE	1	cp	29.60	.00	38	37	-4	N	3	o	3	48	36	cr. cp	0.1	0.10
	Dungeness	29.51	43	ENE	3	p	29.59	-.03	44	41	-1	ENE	4	c	4	47	40	c. cp. bc	0.0	0.57
	Dover	*	*	*	*	*	29.62	-.06	41	38	+2	NE	3	bc	4	46	40	o. op. bc	0.6	0.07
	Wick	29.73	30	N	2	c	29.83	+.18	29	29	0	N	1	c	3	34	30	-	*	0.12
	Nairn	29.77	27	Z	0	b	29.87	+.15	26	26	-5	Z	0	b	1	32	25	b. bsp. b	3.5	0.03
	Aberdeen	29.74	28	WNW	3	bc	29.85	+.19	27	26	-6	WNW	3	b	2	33	26	os. bc. b. bsp	2.5	0.18
	Leith	29.71	35	NNW	3	b	29.86	+.17	27	25	-3	W	2	b	*	38	26	b. by	*	-
	North Shields ...	29.68	37	N	3	c	29.83	+.14	30	29	+1	NW	2	c	5	39	27	h.s. hp	2.5	0.10
	Spurn Head ...	29.62	40	NNE	3	b	29.71	+.03	41	37	+5	ENE	5	bc	5	41	36	bem. bc	*	-
	Yarmouth	29.59	44	NE	2	o	29.67	-.04	40	38	+9	NE	4	or	4	45	30	o. or	0.0	0.05
	Clacton-on-Sea ...	29.55	43	SE	3	o	?29.63	-.06	44	43	+9	N	3	o	2	45	34	ogphr	0.0	0.18
	Nottingham ...	29.65	34	NNE	3	o	29.75	+.05	33	32	+5	NE	4	c	*	36	28	omsc	0.0	-
	Bath	29.53	38	NE	5	r	29.70	+.13	35	34	0	NE	3	s	*	41	35	-	0.0	0.10
	Oxford	29.58	34	NE	3	s	29.72	+.05	35	34	+2	NNE	2	o	*	36	32	s. r	*	0.28
	London (St. James's Pk)	29.54	39	NE	2	o	29.64	-.03	39	37	+2	NNE	3	bc	*	42	36	o. or. s. cp	0.0	0.18
GERMANY, &c.	The Scaw (Skagen)	29.58	35	WSW	2	o	29.62	+.11	37	36	-1	ESE	3	o	1	?38	32	*	*	0.35
	Fanö	29.60	34	SE	4	s	29.65	-.02	32	31	-5	SW	2	bc	*	39	32	*	*	0.24
	Cuxhaven†... ...	29.67	34	S	2	o	29.67	-.06	31	92	-2	SE	1	om	*	39	28	*	*	-
	The Helder ...	29.65	40	S	1	r	29.68	-.03	36	36	+5	Z	0	bc	0	43	?31	*	*	0.04
	Brussels	*	*	*	*	*	29.60	-.15	34	34	+3	NE	1	f	*	42	?31	*	*	-
	Berlin†..	29.72	34	Z	0	b	29.69	-.10	31	90	+1	Z	0	f	*	39	28	*	*	-
	Frankfurt†	29.64	38	W	1	r	29.58	-.22	40	94	+10	NE	2	r	*	41	30	*	*	0.24
	Munich†	29.68	34	E	2	b	29.61	-.20	35	100	-.03	S	2	c	*	43	23	*	*	-
FRANCE.	C. Gris Nez ...	29.54	40	E	2	o	29.58	-.11	34	33	-4	E	4	bc	3	45	34	*	*	-
	La Hève	29.54	43	CSE	2	m	29.54	-.16	41	39	0	SE	2	f	1	46	36	*	*	0.12
	Brest	29.56	49	NW	4	c	29.67	+.01	43	43	-5	NNE	1	o	2	50	33	*	*	0.08
	Lorient	?	49	NNE	4	o	?	?	43	42	-4	N	4	bc	2	52	43	*	*	0.04
	Rochefort	?29.47	50	E	3	r	29.55	-.12	49	45	+1	N	4	c	*	54	45	r	*	0.32
	Biarritz	29.52	63	S	3	o	29.66	.00	54	52	-2	NW	4	o	4	68	52	*	*	0.16
	Paris	29.55	44	SSE	2	o	29.53	-.19	42	42	+7	S	2	o	*	45	?35	*	*	0.04
	Belfort...	29.65	32	ENE	4	m	29.84	?	42	?	?	WSW	4	f	*	47	37	*	*	1.69
	Lyons	29.63	47	ESE	1	r	29.56	?	53	53	?	S	1	o	*	?53	37	*	*	-
	Nice	29.73	50	NE	2	c	29.73	-.02	48	47	+3	Z	0	o	2	59	43	*	*	-
	Perpignan	29.64	54	E	1	o	29.60	-.15	47	46	+10	SE	1	o	*	60	37	*	*	-
	Sauguinaire ...	29.82	53	S	4	o	29.76		61	59		SW	3	o	3	64	52	*	*	0.35
SPANISH PENIN.	Corunna																	*	*	
	Lisbon ‡	29.69	58	NW	4	bc	29.83	+.12	56	?	-6	NW	2	b	*	63	54	*	*	0.28
	Azores (P. Delgada)...																	*	*	
	" Horta ...	29.54	66	SSW	6	r	29.26	-.57	65	63	+1	SW	4	r	6	68	63	*	*	0.87

For NOTES see Page 4.

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

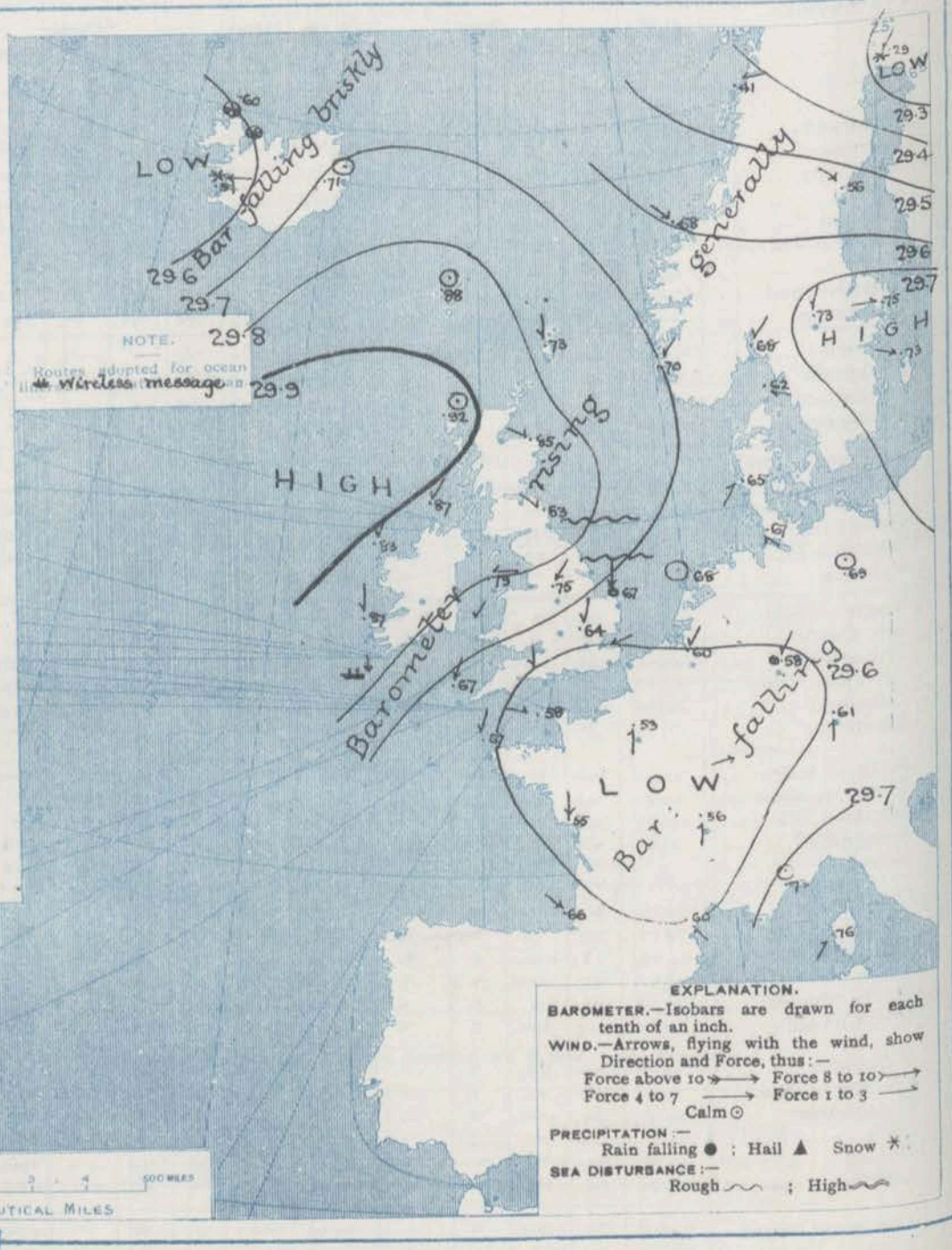
7 A.M. YESTERDAY.

6 P.M. YESTERDAY



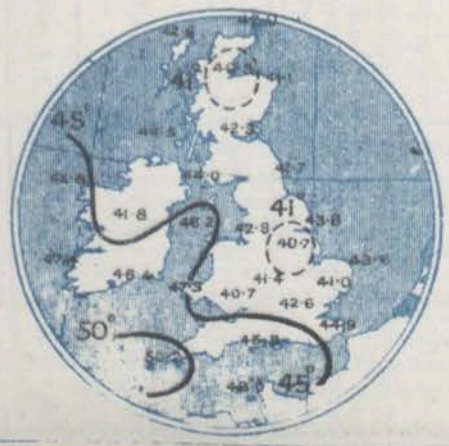
Monday, WEATHER 15th Nov.

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



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

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



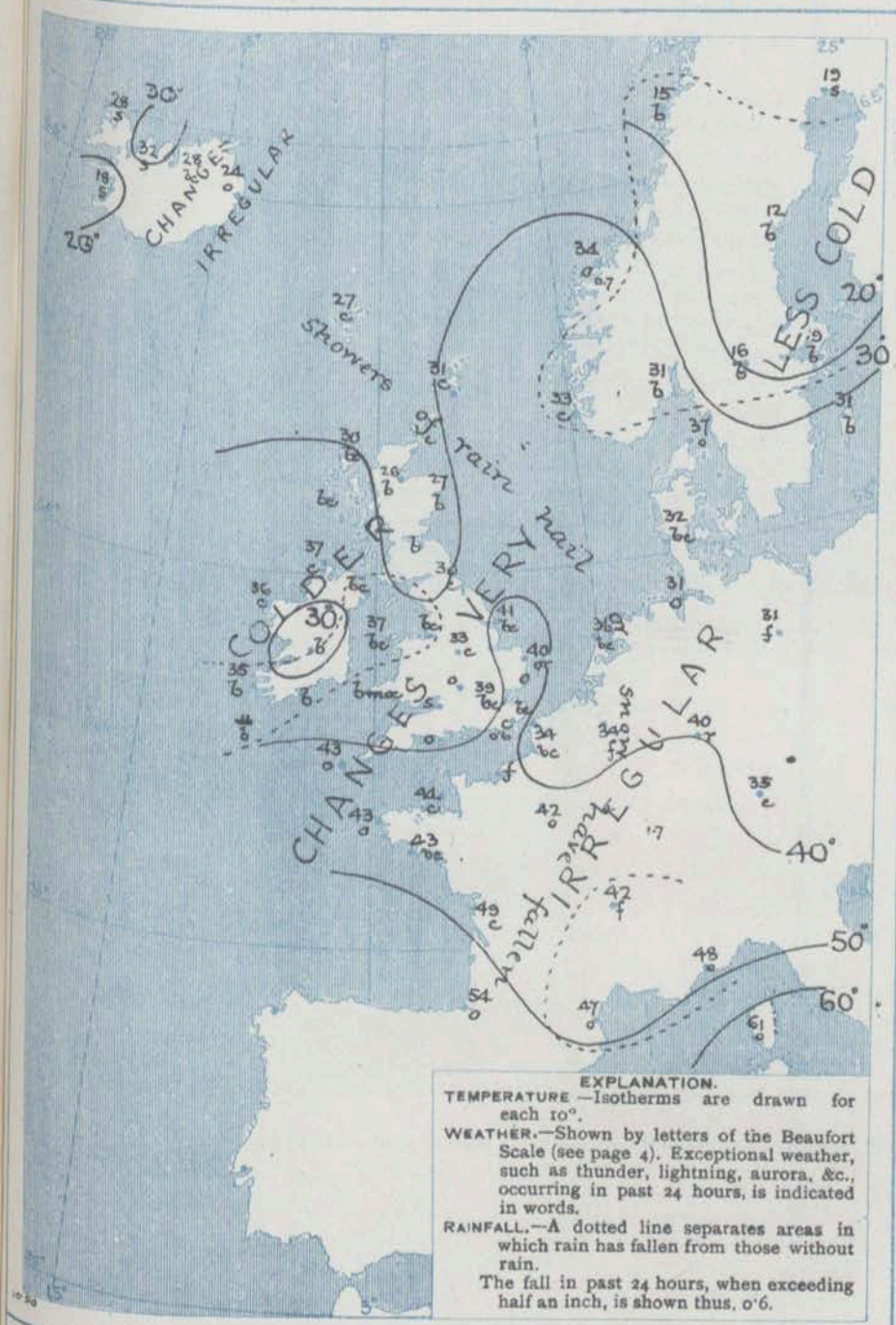
NOTES ON THE GENERAL SITUATION AT 7 A.M

The shallow depression which lay over the south-west of these islands yesterday has travelled slowly south-eastwards to France. Pressure has increased rather briskly in its rear over Ireland, but a fresh decrease is already in progress over Iceland. The readings range from above 29.9 ins. in the Hebrides and their neighbourhood to below 29.6 ins. over the greater part of France and nearly the whole of Iceland, and to below 29.3 ins. in the north of Finland and also in the Azores.

The wind, which is generally light or moderate in force, varies much in direction. In Scotland it is mainly N.by or N.W.by, over England, Ireland, and the west of France N.by or N.E.by, and over Scandinavia between N.E. and N.W. Temperature has fallen quickly in most parts of Ireland, rather briskly in Scotland. Sharp frost prevails in the north and north-east of Great Britain and central Ireland, but on the south and south-east coasts the thermometer is above 40°. A good deal of cloud prevails in the south and south-east of England and over the nearer countries of the Continent, with rain at Great Yarmouth and Frankfurt, and snow at Bath. Over the United Kingdom generally and also in Scandinavia the weather is mostly fair or fine, snow is, however, falling at Haparanda. Snow is also very general over the west of Iceland.

CHARTS 15th November, 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.

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 — Northerly to North-Westerly winds, light to moderate or fresh; fair or fine and very cold, then some sleet or snow, with a somewhat higher temperature

2 a, b; 3; 4 a, b; 5 — North-Easterly and Northerly winds, fresh in places, light or moderate generally; some showers of rain, sleet or snow, then improving; cold, frost at night.

6 a, b — Same as Nos. 0 and 1.

7 a, b — North-Easterly to Northerly or North-Westerly winds, light or moderate; generally fair or fine; cold, frost at night.

8 a, b — Same as Nos. 3 to 5.

9 a, b — North-Easterly to North-Westerly winds, light or moderate; fair or fine today, some showers tomorrow; cold.

10 a, b — Northerly and North-Westerly winds, light; fair or fine; cold frost at night.

11 WESTERN CHANNEL AND BAY.

Northerly winds, fresh to moderate; sea moderate or slight, some showers, changeable; cold.

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer only rose to 32° at Nairn, and failed to touch 40° in several other parts of Great Britain. Sharp frost occurred during the night in Scotland and severe frost in central Ireland. At Birr Castle the thermometer fell to 18°. Rain, sleet, or snow has fallen over the greater part of the Kingdom; in most places the measurements are slight or moderate, but at Jersey 0·38 inch is reported, and at Dungeness 0·57 inch. Very little bright sunshine was recorded in England, but in Scotland there were 2 or 3 hours, and in Ireland and the Hebrides 5 or 6 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The barometer will continue to rise generally over these islands during to-day, but by to-morrow a fresh decrease of pressure is likely to spread over the Kingdom from the Icelandic region.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

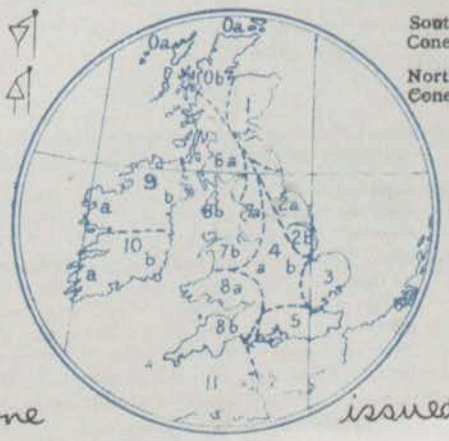
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



None issued.

Weller & Graham, Ltd. Litho, London

DAILY WEATHER REPORT.

Monday, 15th November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	40	26	b	6.0	-
Dublin (City), to 4 p.m....	43	27	og, rsh, b	*	0.68
Rossall Beach, to 6 p.m.	39	26	x.c.bc	*	-
Blackpool, to 9 p.m. ...	39	27	m, c	1.9	-
Southport, to 9 p.m. ...	39	28	3.c, bc	1.3	-
Rhyl, to 6 p.m....	44	31	b, o, m	0.0	-
Colwyn Bay, to 6 p.m. ...	41	36	bc. of	3.2	-
Llandudno, to 9 p.m. ...	41	34	bc, o	0.0	-
Bettws-y-Coed, to 6 p.m.					*
Towyn, to 6 p.m.	39	34	o, rs, o	0.0	0.16
Aberystwyth, to 6 p.m. ...	43	36		0.0	0.20
Plymouth, to 9 p.m. ...			*		
Torquay, to 6 p.m.	50	37		2.3	0.04
Weymouth, to 6 p.m. ...	? 47	39	m, p	0.1	0.25
Bournemouth, to 6 p.m. ...	45	39	o, cr	0.4	0.04
Southsea, to 6 p.m.	46	36		1.2	0.10
Bognor, to 6 p.m.	50	34	o.c.bc.c	1.9	0.16

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	45	32	r, oth, c	0.4	0.43
Brighton, to 6 p.m. ...	46	34	*	0.1	0.45
Seaford, to 6 p.m. ...	46	33		0.2	0.59
Eastbourne, to 6 p.m. ...	?	?	*	?	?
Bexhill-on-Sea, to 9 p.m.	47	37	d, c	0.4	0.11
Hastings	*	*	*	0.0	*
Folkestone, to 6 p.m. ...	46	32	bc, c, r	0.1	0.36
Ramsgate, to 6 p.m. ...	*	*	*	1.0	-
Margate, to 6 p.m.	47	34	o	0.1	-
Felixstowe, to 6 p.m. ...			*		
Lowestoft, to 6 p.m. ...					-
Skegness, to 6 p.m.... ...	42	28	bc.o	1.1	-
Scarborough, to 6 p.m. ...	47	36		0.6	-
Harrogate, to 6 p.m. ...	35	25	bc.c.bc.b	1.9	-
Buxton, to 6 p.m.	35	25	b.bc.bcf.c	1.2	-
Darwen, to 9 p.m.					
Manchester, to 9 p.m. ...					
Birmingham, to 9 p.m....	36	32	o	0.0	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
14th November 1909.				
Madeira	*	*		
Marseilles	Observations not received			
Malta				
Algiers...				
Tunis				
Palermo				
Naples...				
Brindisi				
Rome				
Vienna...				
St. Petersburg				

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
14th Nov. 1909.				
Utrecht	Observations not received.			
Groningen	*	*		
Zurich...	*	*		
Geneva	*	*		
Lugano	*	*		
13th Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	45	*	b	-
Coire	39	*	b	0.04
Castasegna...	45	*	bc	-
Davos	32	*	b	0.20

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Minnehaha, Nov. 13th 3 p.m.	49 N	20 W	29.83	NE	4-5	-	.	.	.	.
" " 6 p.m.	49 N	19 W	29.79	NE	4-5	c	.	.	.	.
Minnetonka, Nov. 13th 3 p.m.	50 N	17 W	29.86	NNE	1-3	-	.	.	.	.
" " 6 p.m.	50 N	18 W	29.86	NNE	4-5	b	.	.	.	.
Virginian, Nov. 14th 4 a.m.	51 N	14 W	29.88	N	4-5	.	.	.	.	.
" " 7 a.m.	51 N	15 W	29.93	N	4-5	bc	.	.	.	.
Philadelphia, Nov. 14th 3 p.m.	50 N	11 W	29.54	NNW	6-7	-	.	.	.	.
" " 6 p.m.	50 N	12 W	29.62	NNW	6-7	bc	.	.	.	.
Cavogia, Nov. 14th 3 p.m.	51 N	10 W	29.78	N	4-5	.	.	.	.	.
" " 6 p.m.	51 N	11 W	29.84	N	4-5	c	.	.	.	.

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.
Waterland, Nov. 16th 4 a.m.	50 N	9 W	29.78	N	4-5	.
" " 7 a.m.	50 N	10 W	29.79	N	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.

(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.

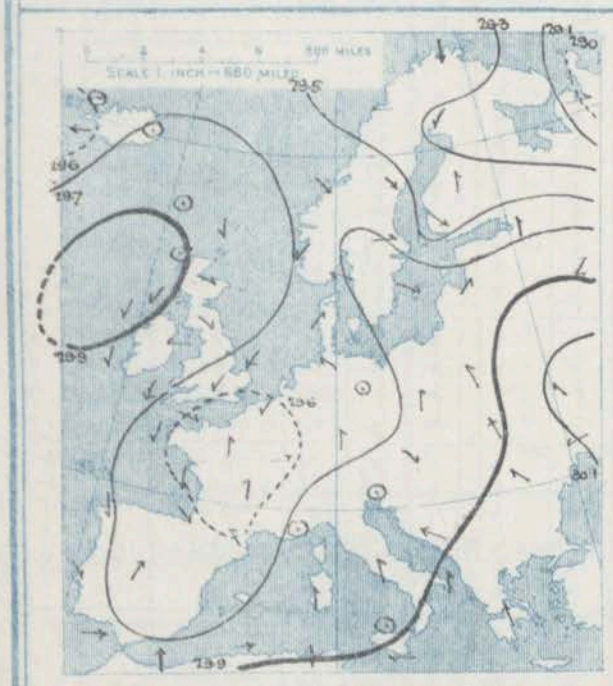
Tuesday, 16th November, 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	29.54	17	N	2	0	29.79	+.60	1	1	-18	N	2	b	*	21	11	*	*	0.04
	Hernösand	29.69	20	NW	2	0	29.81	+.26	19	18	+7	2	0	b	*	23	10	*	*	-
	Stockholm	29.83	27	SW	2	0	29.93	+.18	24	23	+5	W	2	b	*	27	18	*	*	-
	Wisby	29.81	33	NE	4	b	29.93	+.22	36	32	+5	NW	4	bc	*	39	25	*	*	-
	Karlstad	29.94	22	2	0	r	30.04	+.31	18	17	+2	NW	2	b	*	*	*	*	*	-
	Færder (Christiania Fjord)	29.82	30	NNW	1	b	30.02	+.34	32	28	+1	WNW	2	b	1	32	27	*	*	-
	Bodö	29.55	19	E	2	b	29.78	+.34	18	16	+3	E	4	0	1	19	14	*	*	-
	Christiansund ...	29.72	31	NW	5	8	29.80	+.22	33	32	-1	SE	2	S	4	34	28	*	*	0.39
	Skudesnaes ...	29.90	35	NE	2	8	30.09	+.39	35	33	+2	NE	2	C	3	36	28	c. s	*	-
ICELAND & FAEROE.	Isafjord	29.84	29	2	0	8	29.51	-.09	30	*	+2	2	0	*	*	*	*	*	*	*
	Reykjavik	29.46	37	E	1	0	29.56	+.02	36	*	+13	2	0	r	*	*	*	*	*	*
	Seydisfjord	29.60	31	SSW	1	0	29.64	-.07	32	*	+8	2	0	0	*	*	*	*	*	*
	Thorshavn	29.86	37	SW	6	r	29.38	-.00	43	*	+16	WSW	2	0	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.88	31	N	2	0	30.01	+.28	39	35	+8	W	3	c	2	39	29	s. o	*	0.10
	Stornoway	30.06	32	W	1	b	30.13	+.21	29	28	-1	W	1	b	1	36	28	b. bcps. bc b	4.6	0.05
	Castlebay (Barra Hd.)	30.07	36	NNE	1	b	30.19	+.26	35	33	0	2	0	bc	1	41	32	bcs. b. bc	5.4	-
	Malin Head ...	30.03	38	N	1	bc	30.13	+.26	32	31	-5	E	1	b	1	42	30	bc. b	*	-
	Blacksod Pt. ...	30.04	36	N	1	bc	30.11	+.3	35	33	-1	SE	2	b	2	40	30	bc	*	0.04
	Valencia	30.02	35	ENE	1	b	30.02	+.15	39	34	+4	NE	3	b	3	40	29	b	7.8	-
	Roche's Point ...	29.99	36	N	3	b	30.04	+.19	36	34	+2	NE	1	b	1	40	31	b	*	-
	Birr Castle ...	30.03	30	2	0	b	30.12	+.19	18	17	-2	2	0	b	*	39	16	b	5.2	-
	Donaghadee ...	30.03	39	NNW	1	b	30.16	+.30	39	38	0	NNE	2	bc	1	41	30	bc	*	-
	Liverpool Obsy. ...	29.99	38	NNE	2	m	30.12	+.31	31	30	-1	NNE	2	b	2	38	31	bm. x	3.4	-
	Holyhead	29.98	41	ENE	3	bhp	30.12	+.33	36	34	-1	ENE	1	bx	1	42	35	c. bhp	*	0.01
	Pembroke (St. Ann's Hd.)	29.91	33	NE	4	bc	30.02	+.29	34	32	-2	ENE	3	bmx	3	41	33	bmr. cg bem	2.7	-
	Scilly (St. Mary's) ...	29.77	43	N	4	0	29.88	+.21	39	37	-4	N	4	0	2	45	38	cp. o	2.0	0.06
	Jersey (St. Aubins) ...	29.62	41	NW	4	0	29.81	+.23	45	42	+1	ESE	5	0	4	49	41	c. cgp. c. om	4.3	0.05
	Portland Bill ...	29.74	41	NE	6	c	29.91	+.31	39	36	+1	NE	6	b	4	42	37	r. c	0.0	0.02
	Dungeness	29.74	46	ENE	6	cq	29.85	+.28	45	41	+1	ENE	7	c	6	46	42	c. cq	0.3	-
	Dover	*	*	*	*	*	29.92	+.30	42	38	+1	NE	5	bc	6	46	40	bc	5.4	-
	Wick	30.01	30	N	2	bc	30.13	+.30	31	29	+2	W	1	b	1	34	18	-	*	0.08
	Nairn	30.04	27	2	0	b	30.15	+.28	19	19	-7	2	0	b	1	33	17	b	5.6	-
	Aberdeen	30.04	27	NW	3	b	30.18	+.33	20	19	-7	WNW	1	b	2	34	20	b	7.0	-
	Leith	30.02	33	W	1	f	30.18	+.32	22	22	-5	W	1	f	*	37	22	b3. f	*	-
	North Shields ...	30.01	32	NW	3	c	30.14	+.31	32	31	+2	NW	3	c	4	39	27	c. hq	6.3	0.07
	Spurn Head ..	29.93	43	ENE	5	bc	30.05	+.34	41	38	0	NNE	4	bcs	5	44	38	bcs bcsp	*	0.05
	Yarmouth	29.90	43	NE	4	bc	30.02	+.35	41	39	+1	NE	6	cqph	5	46	40	bcqph. cqph	4.5	0.06
	Clacton-on-Sea ...	29.83	41	NNE	3	r	29.96	+.33	38	37	-6	NNE	4	o	3	44	36	ogbrh	0.0	0.17
	Nottingham ...	29.34	35	NE	3	b	30.07	+.32	33	32	0	N	3	b	*	40	31	c. bc. b	2.6	-
	Bath	29.86	39	NE	2	0	30.02	+.32	28	28	-7	E	1	b	*	39	28	-	0.2	0.13
	Oxford	29.92	37	NE	3	0	30.05	+.33	31	30	-4	N	2	b	*	40	30	or. c. cm. b	*	0.02
	London (St. James's Pk)	29.83	42	NE	4	0	29.97	+.33	35	33	-4	NNE	3	bx	*	44	35	bc. ofa. o	0.0	-
GERMANY, &c.	The Scaw (Skagen)	29.84	35	NW	1	b	30.02	+.40	36	32	-1	NNW	1	b	1	37	32	*	*	0.12
	Fanö	29.95	29	NE	2	b	30.08	-.43	27	27	-5	NE	2	bc	*	37	27	*	*	-
	Cuxhaven†	29.83	38	N	1	b	30.03	+.36	33	96	+2	ENE	2	m	*	39	30	*	*	-
	The Helder ...	29.89	43	NE	2	b	30.02	+.34	39	36	+3	ESE	4	b	3	43	39	*	*	-
	Brussels	*	*	*	*	*	29.86	+.26	32	31	-2	NE	3	0	*	43	31	*	*	-
	Berlin†	29.82	33	2	0	b	29.95	+.26	31	88	0	NE	2	0	*	36	30	*	*	-
	Frankfurt†	29.75	41	N	3	0	29.74	+.16	38	88	-2	NE	5	r	*	43	37	*	*	0.04
	Munich†	29.69	40	2	0	bc	29.59	-.02	39	100	+4	NW	2	8	*	43	35	*	*	-
FRANCE.	C. Gris Nez ...	29.79	39	ENE	5	b	29.80	+.22	35	34	+1	E	3	bc	2	45	34	*	*	-
	La Hève	29.70	41	ENE	3	m	29.83	+.29	37	36	-4	E	4	c	2	46	34	*	*	0.16
	Brest	29.75	45	NNW	4	b	29.82	+.15	40	37	-3	ENE	3	c	2	48	36	*	*	0.08
	Lorient	?	45	N	4	b	?	?	41	40	-2	NNE	4	bc	2	48	37	*	*	-
	Rochefort	29.70	48	NNW	1	0	29.73	+.18	42	42	-7	NNE	2	0	*	54	41	0	*	-
	Biarritz	29.78	51	SSW	4	r	29.76	+.10	48	45	-6	W	4	r	3	58	46	*	*	0.79
	Paris	29.69	43	NE	2	r	29.73	+.20	37	36	-5	NNE	3	r	*	46	37	*	*	0.59
	Belfort														*			*	*	
	Lyons														*			*	*	
	Nice																	*	*	
	Perpignan	29.66	53	NW	4	b	29.71	+.11	46	45	-1	SW	1	0	*	55	45	*	*	0.04
	Sanguinaire ...	29.76	60	SW	6	r	29.76	-.00	57	55	-4	W	4	0	5	66	52	*	*	0.67
SPANISH PENIN.	Corunna																	*	*	
	Lisbon														*			*	*	
	Azores (P. Delgada) ...																	*	*	
	" Horta ...	28.88	64	SW	6	r	28.95	-.31	64	61	-1	WNW	4	0	4	70	63	*	*	0.55

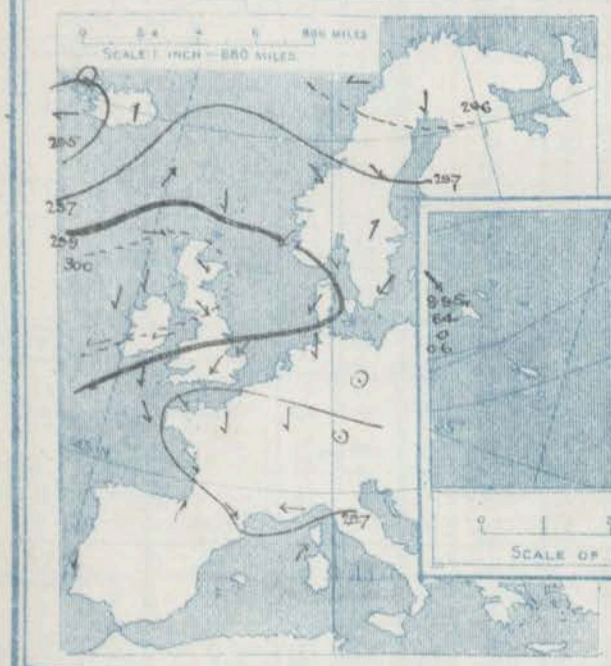
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

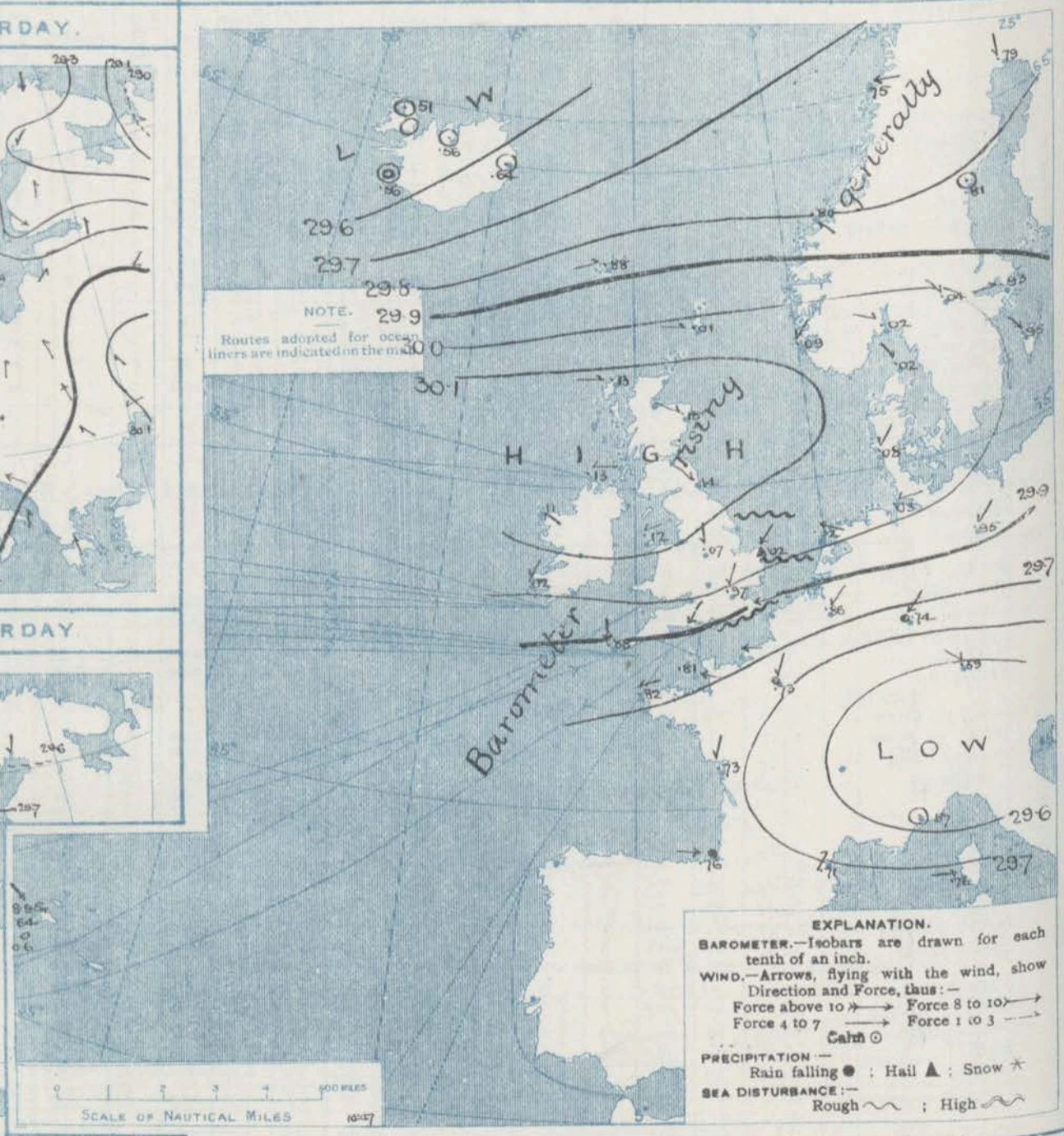


6 P.M. YESTERDAY.



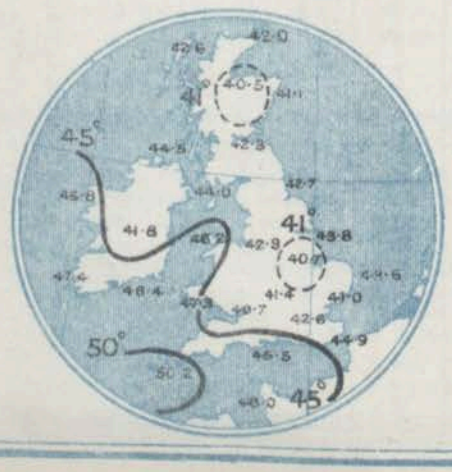
Tuesday, WEATHER 16th Nov.

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



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

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



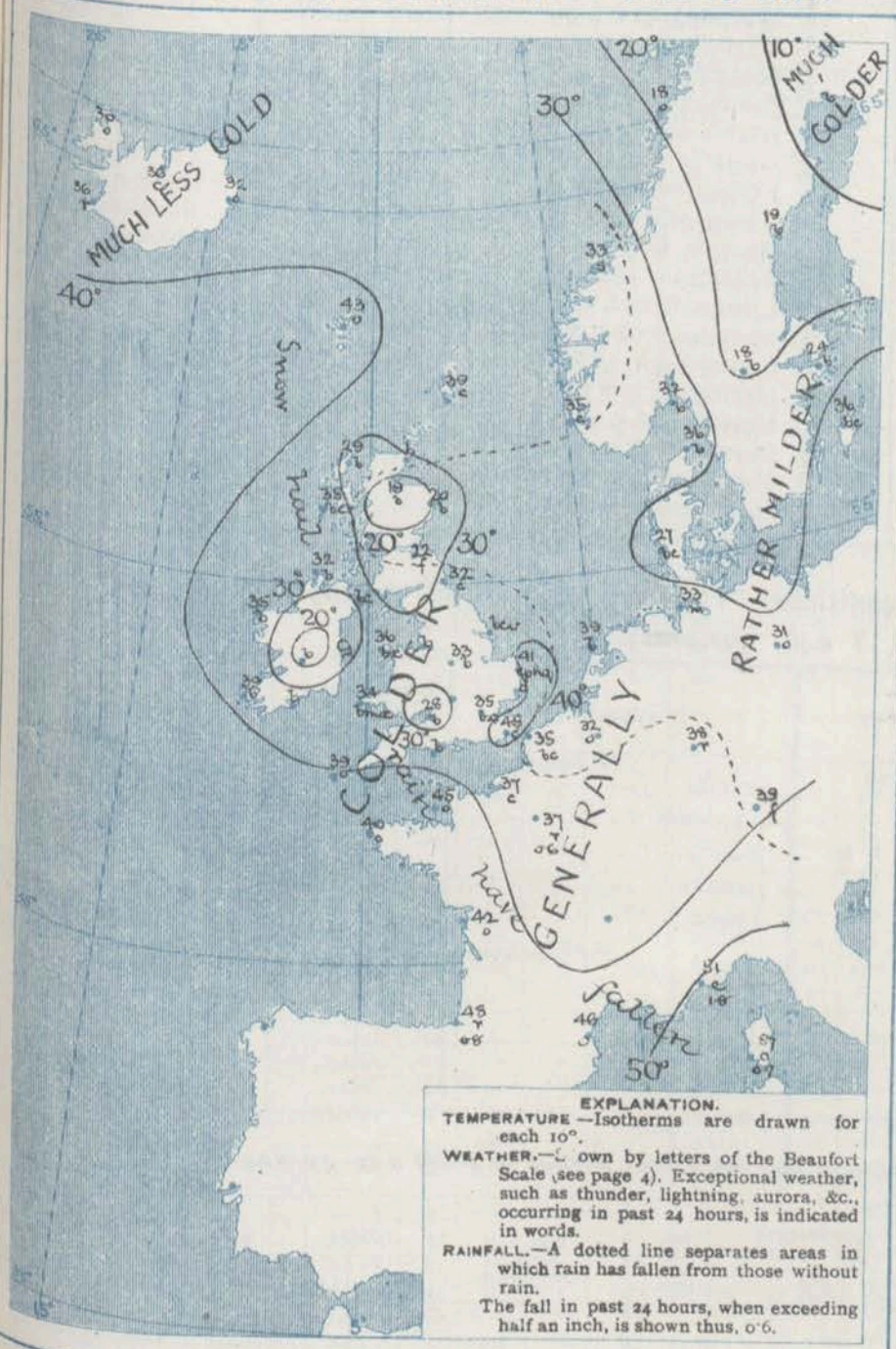
NOTES ON THE GENERAL SITUATION AT 7 A.M

The high pressure system which lay off our north-west coasts yesterday has extended eastward and southward, and increased in intensity, and pressure is now above 30·1 ins. over the northern half of the United Kingdom and a considerable portion of the North Sea. The depression which was shown over Iceland yesterday appears to have travelled away northward or north-eastward, while that over the southern parts of France and Germany is not extending northward.

The wind is fresh to high from the North-Eastward on the south-east and south coasts of England, and light or moderate from that quarter over the greater part of Germany and France. In Scotland and Scandinavia, to the northward of the pressure maximum, light airs, mainly from the Westward prevail. Temperature has fallen in most places. It is very low over central Ireland and in Scotland, the thermometer marking readings of 20° or below in some localities. Rain is falling at some French and German stations, while hail showers are reported at Great Yarmouth. Over these islands generally and over the greater part of Scandinavia the weather is fair to very fine. Snow, however, is falling at Christiansund.

CHARTS 16th November 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.

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 — Wind light and mainly Westerly; fair or fine; cold, sharp frost at night, mist or fog locally.

2 a, b — Northerly and North-Easterly winds, light or moderate, fair or fine generally; cold, frost at night, mist locally.

3 — Same as No. 5.

4 a, b — Same as No. 2.

5 — North-Easterly winds, strong or fresh on coast, moderate inland; generally fair, but some showers of rain, sleet or snow; cold, frost at night

6 a, b — Same as Nos. 0 and 1.

7 a, b — Light variable or Easterly airs; fair or fine, fog locally; cold, sharp frost at night.

8 a, b — Wind mainly North-Easterly, fresh in places; fair or fine; cold, frost inland at night.

9 a, b; 10 a, b — Wind mainly from the Eastward, light; fair or fine; cold, sharp frost at night in most places.

11 WESTERN CHANNEL AND BAY. North-Easterly and Northerly winds, fresh to light; sea moderate or slight; generally fair or fine, some showers.

Notes on Yesterday's Weather.

The maximum temperatures recorded yesterday were very little above 32° in some parts of Scotland, and below 40° at some Irish and English stations. The minima of the night were again very low in Scotland and central Ireland, 18° and 17° respectively at Wick and Nairn, and 16° at Birr Castle. Showers of hail and snow have occurred in places over a considerable area in this country, but the largest measurement reported is 0·17 inch at Cleveton-on-Sea. Several hours of bright sunshine were recorded in the north and north-west of the Kingdom, and also at some stations in the east.

General Inference from the 7 A.M. Observations.

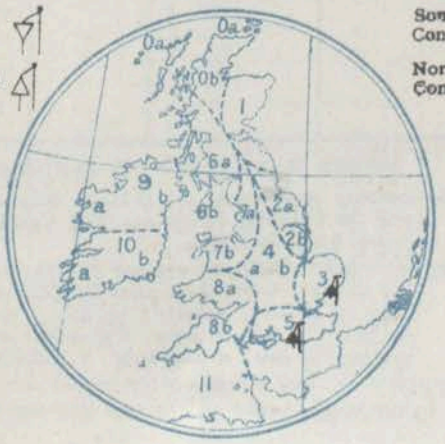
The high pressure system appears likely to continue to increase both in size and intensity for the present, while the shallow depression over the south-east of France will have little effect on the weather over these islands.

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.



Weller & Graham, Ltd Litho, London.

DAILY WEATHER REPORT.

Tuesday, 16th November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	40	22	b	6.4	-
Dublin (City), to 4 p.m....	41	30	bc, osh, b, bc	-	0.14
Rossall Beach, to 6 p.m.	39	27	x. b	-	-
Blackpool, to 9 p.m. ...	39	27		7.0	-
Southport, to 9 p.m. ...	39	27	c. b	6.1	-
Rhyl, to 6 p.m....	41	30	o. m. bc	4.9	-
Colwyn Bay, to 6 p.m. ...	41	33	b	5.5	-
Llandudno, to 9 p.m. ...	41	34	o. c. bc.	4.7	-
Bettws-y-Coed, to 6 p.m.	39	27	b	3.5	-
Towyn, to 6 p.m.	40	27	c. bc. c	0.9	-
Aberystwyth, to 6 p.m. ...	42	35	*	0.0	-
Plymouth, to 9 p.m. ...	41	35	op. o	0.0	0.02
Torquay, to 6 p.m.	39	36		0.0	0.10
Weymouth, to 6 p.m. ...	41	36	m, o. bc	0.0	-
Bournemouth, to 6 p.m. ...	41	35	o	0.0	0.13
Southsea, to 6 p.m.	44	37		0.4	0.06
Bognor, to 6 p.m.	48	37	o. c. o	1.3	0.04

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	43	36	o	0.0	0.02
Brighton, to 6 p.m. ...	44	37	*	0.1	0.02
Seaford, to 6 p.m. ...	44	35	c. o	0.0	0.03
Eastbourne, to 6 p.m. ...	46	37	*	0.5	0.27
Bexhill-on-Sea, to 9 p.m.	45	39	c	0.0	-
Hastings	*	*	*	0.0	-
Folkestone, to 6 p.m. ...	46	37	r. o. bc. b	4.4	0.15
Ramsgate, to 6 p.m. ...	*	*	*	2.7	-
Margate, to 6 p.m.	50	40	b, o. r	1.5	0.21
Felixstowe, to 6 p.m. ...	46	45	*	0.3	0.12
Lowestoft, to 6 p.m. ...	46	39	o. cq. bc. c	4.0	0.02
Skegness, to 6 p.m.... ...	45	38	bc. b	1.7	-
Scarborough, to 9 p.m. ...	44	33	o. cr. cq	0.0	0.30
Harrogate, to 6 p.m. ...	37	29	b. oc. bc. b	5.1	-
Buxton, to 6 p.m.	36	30	cq. bcc. bc	1.9	-
Darwen, to 9 p.m.	36	28	bc	1.2	-
Manchester, to 9 p.m. ...	40	33	bcq. bq	0.3	-
Birmingham, to 9 p.m....	38	32	s. o. b	0.0	0.20

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
15th November 1909.	°	°		Ins.
Madeira	70	57	b. o	-
Marseilles	59	46	b. o	-
Malta	67	60	b	0.32
Algiers...	75	59	c. o	-
Tunis	70	48	c. b	-
Palermo	73	48	b. b	-
Naples...	62	55	b. o	-
Brindisi	64	39	b. b	-
Rome	not	recd.		
Vienna...	48	37	o. o	-
St. Petersburg	36	23	s. c	-

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
16th November 1909.	°	°		Ins.
Utrecht	39	28	b. m	-
Groningen	41	27	o. m	-
Zurich...	*	*	a. c	0.00
Geneva	*	*	o. o	0.08
Lugano	*	*	r. o	Measured 7.30 a.m.
14th November 1909.	1.30 p.m.		1.30 p.m.	
Berne	Observations not received.			
Coire				
Castasegna...		*		
Davos		*		

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

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

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

(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 November 1909

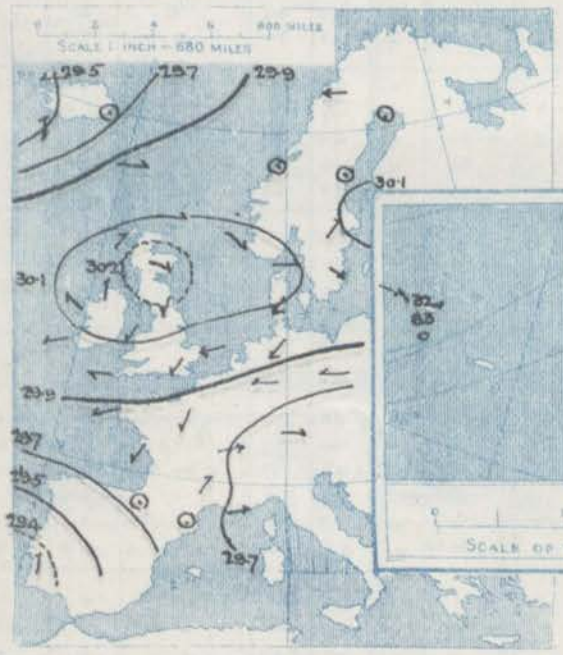
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30.00	-1	2	0	b	30.17	+.38	-14	-14	-15	W	2	b	*	18	?-14	*	*	-
	Hernösand	30.03	12	2	0	b	30.22	+.41	7	6	-12	2	0	b	*	27	17	*	*	-
	Stockholm	30.10	23	SW	2	b	30.15	+.22	22	22	-2	2	0	c	*	27	?22	*	*	-
	Wisby...	30.07	35	NW	4	b	30.06	+.11	29	27	-7	ENE	4	bc	*	37	25	*	*	-
	Karlstad	30.08	30	2	0	b	30.19	+.15	19	18	+1	NW	2	b	*	*	*	*	*	-
	Færder (X'tania Fjord)	30.04	39	SW	4	b	30.10	+.08	37	35	+5	NNE	2	b	1	39	32	*	*	-
	Bodö	29.99	20	E	4	b	30.02	+.27	35	33	+17	SW	6	o	3	?35	18	*	*	-
	Christiansund ...	29.95	40	2	0	o	30.07	+.27	38	37	+6	2	0	o	3	43	32	*	*	0.12
	Skudesnaes ...	30.18	38	NW	2	o	30.19	+.10	38	38	+3	NE	2	c	2	39	32	c.o	*	0.08
ICELAND & FAEROE.	Isafjord	29.50	38	E	1	o	29.34	-.17	36	*	+6	SW	9	r	*	*	*	*	*	*
	Reykjavik	29.46	41	S	1	r	29.50	-.06	36	*	0	S	1	c	*	*	*	*	*	*
	Seydisfjord... ...	29.65	39	2	0	o	29.53	-.11	45	*	+13	2	0	bc	*	*	*	*	*	*
	Thorshavn	29.96	43	W	4	o	30.03	+.15	43	*	0	WSW	3	c	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.12	41	W	3	c	30.18	+.17	42	42	+3	W	1	o	2	43	38	c	*	0.03
	Stornoway	30.20	34	SW	2	c	30.24	+.11	31	30	+2	SW	2	c	2	38	28	bv. c. bc	5.8	-
	Castlebay (Barra Hd.)	30.20	41	ESE	3	o	30.25	+.06	42	38	+7	W	1	b	2	43	34	bo. of. o. bc	0.0	-
	Malin Head ...	30.16	34	S	2	b	30.22	+.09	33	32	+1	S	2	b	1	41	30	b	*	-
	Blacksod Pt. ...	30.12	38	SE	3	b	30.19	+.08	37	35	+2	SE	3	b	3	40	31	bc	*	-
	Valencia	30.03	41	ENE	3	b	30.07	+.05	28	34	-1	E	3	b	4	46	37	b	7.3	-
	Roche's Point ...	30.07	41	E	3	b	30.08	+.04	40	37	+4	NE	2	c	2	46	36	c. bc. c	*	-
	Birr Castle ...	30.12	31	2	0	b	30.18	+.06	28	27	+10	NNE	1	b	*	39	18	b	5.0	-
	Donaghadee ...	30.19	42	NNE	3	c	30.25	+.09	40	40	+1	NE	3	c	2	43	36	bc	*	-
	Liverpool Obsy...	30.17	36	NE	2	bc	30.19	+.07	32	31	+1	NE	1	b	2	40	31	bm. c. x	3.5	-
	Holyhead	30.15	39	NE	3	b	30.19	+.07	37	36	+1	ENE	2	bqs	1	43	34	b	*	-
	Pembroke (St. Ann's Hd.)	30.04	38	ENE	4	b	30.08	+.03	37	35	+3	NE	5	bmx	4	43	34	bmx. bm	7.7	-
	Scilly (St. Mary's) ...	29.96	43	E	4	c	29.94	+.06	39	36	0	ENE	5	c	2	48	36	c	8.0	0.02
	Jersey (St. Aubins) ...	29.89	43	NE	5	bc	29.89	+.08	43	39	-2	ESE	5	b	4	49	37	c. b. bc	5.0	-
	Portland Bill ...	29.95	40	NE	4	b	29.96	+.05	39	36	0	NE	5	bc	4	44	36	bc. b	7.5	-
	Dungeness	29.97	44	NE	7	bcq	29.92	+.07	44	39	-1	NE	7	bc	6	46	39	cq. bcq	4.7	-
	Dover	*	*	*	*	*	29.99	+.07	40	36	-2	NE	5	bc	6	45	38	bc. b. bc	6.7	-
	Wick	30.21	29	NW	1	b	30.24	+.11	23	21	-8	NW	1	b	1	34	12	-	*	-
	Nairn	30.22	22	2	0	b	30.26	+.11	18	15	-4	2	0	b	1	33	14	b	7.5	-
	Aberdeen	30.26	22	WNW	1	b	30.30	+.12	14	13	-6	WSW	1	b	2	29	14	bg	6.4	-
	Leith	30.22	24	2	0	f	30.29	+.11	25	25	+3	W	1	f	*	36	21	bg. f	*	-
	North Shields ...	30.20	36	NNE	3	r	30.22	+.08	42	39	+10	NE	2	c	4	42	29	c. r	?	0.18
	Spurn Head ...	30.09	41	ENE	5	bc	30.12	+.07	44	40	+3	ENE	6	c	5	46	39	bc. ofsh. bcqs	*	0.06
	Yarmouth	30.03	41	ENE	4	bcqs	30.08	+.06	44	39	+3	ENE	5	bc	5	45	39	bcqhsp. bcf	0.0	0.16
	Clacton-on-Sea ...	29.98	40	N	5	c	30.02	+.06	42	37	+4	ENE	5	bc	4	44	37	ofsh. cb. e. bc	1.4	0.06
	Nottingham ...	30.09	37	NE	4	b	30.12	+.05	35	35	+2	NNE	3	r	*	43	32	b. ba. bcp	6.7	0.02
	Bath	30.04	38	E	1	bc	30.05	+.03	37	35	+9	NE	2	b	*	42	28	-	6.7	-
	Oxford	30.06	36	NNE	2	b	30.08	+.03	35	34	+4	NNE	2	b	*	43	31	b. o. cpr. bm	*	0.01
	London (St. James's Pk)	30.00	40	NE	3	c	30.02	+.05	36	36	+3	NNE	2	b	*	42	34	c. ots. bcp. c	0.3	0.06
GERMANY, &c.	The Scaw (Skagen)	30.11	33	W	1	b	30.08	+.06	42	40	+6	NE	1	b	1	43	30	*	*	-
	Fanö	30.12	26	NE	4	b	30.12	+.04	26	25	-1	NE	2	bc	*	34	25	*	*	0.32
	Cuxhaven†... ...	30.02	37	NE	4	o	30.01	-.02	36	34	+3	NE	4	o	*	39	?33	*	*	-
	The Helder ...	30.02	40	ENE	4	b	30.05	+.03	41	39	+2	ENE	4	bc	2	41	39	*	*	-
	Brussels	*	*	*	*	*	29.92	+.06	34	32	+2	NE	1	o	*	36	31	*	*	0.04
	Berlin†..	29.50	34	E	3	s	29.74	+.21	33	96	+2	NNE	2	s	*	36	30	*	*	0.39
	Frankfurt†	29.71	33	N	4	s	29.77	+.03	33	97	-5	NE	4	s	*	41	32	*	*	0.28
	Munich†	29.67	37	W	4	r	29.76	+.17	35	96	-4	SW	2	o	*	39	34	*	*	0.16
FRANCE.	C. Gris Nez ...	29.91	40	ENE	6	c	29.95	+.15	35	33	0	ENE	4	c	5	43	34	*	*	-
	La Hève	29.86	41	NE	4	bc	29.91	+.08	35	32	-2	ENE	4	bc	2	43	30	*	*	-
	Brest	29.89	42	ENE	3	b	29.89	+.07	38	36	-2	ENE	4	b	2	48	36	*	*	-
	Lorient	?	44	ENE	5	b	?	?	36	35	-5	ENE	6	o	2	46	32	*	*	-
	Rochefort	29.75	43	NE	3	c	29.68	-.05	39	37	-3	ENE	5	o	*	46	36	m. c	*	-
	Biarritz	29.71	48	2	0	c	29.53	-.23	43	43	-5	E	1	r	2	54	41	*	*	0.35
	Paris	29.73	34	NNE	3	r	29.85	+.12	35	33	-2	NNE	2	o	*	40	34	*	*	0.20
	Belfort...	29.69	40	WSW	4	o	29.75	+.05	35	35	+1	WSW	1	m	*	42	?34	*	*	0.16
	Lyons	29.76	38	SW	1	b	29.80	+.07	34	33	-6	N	2	o	*	49	32	*	*	0.08
	Nice	29.65	47	WSW	4	b	29.62	+.05	48	40	-3	2	0	o	4	57	45	*	*	-
	Perpignan	29.73	49	2	0	o	29.60	-.11	45	42	-1	W	2	r	*	56	44	*	*	-
	Sauguinaire ...	29.78	58	S	4	o	29.72	-.04	57	54	0	E	4	r	5	64	48	*	*	0.35
SPANISH PENIN.	Corunna																	*	*	
	Lisbon														*			*	*	
	Azores (P. Delgada)...																	*	*	
	" Horta ...	29.13	62	NW	6	r	29.32	+.37	63	59	-1	WNW	5	o	4	66	61	*	*	0.16

For NOTES see Page 4.

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

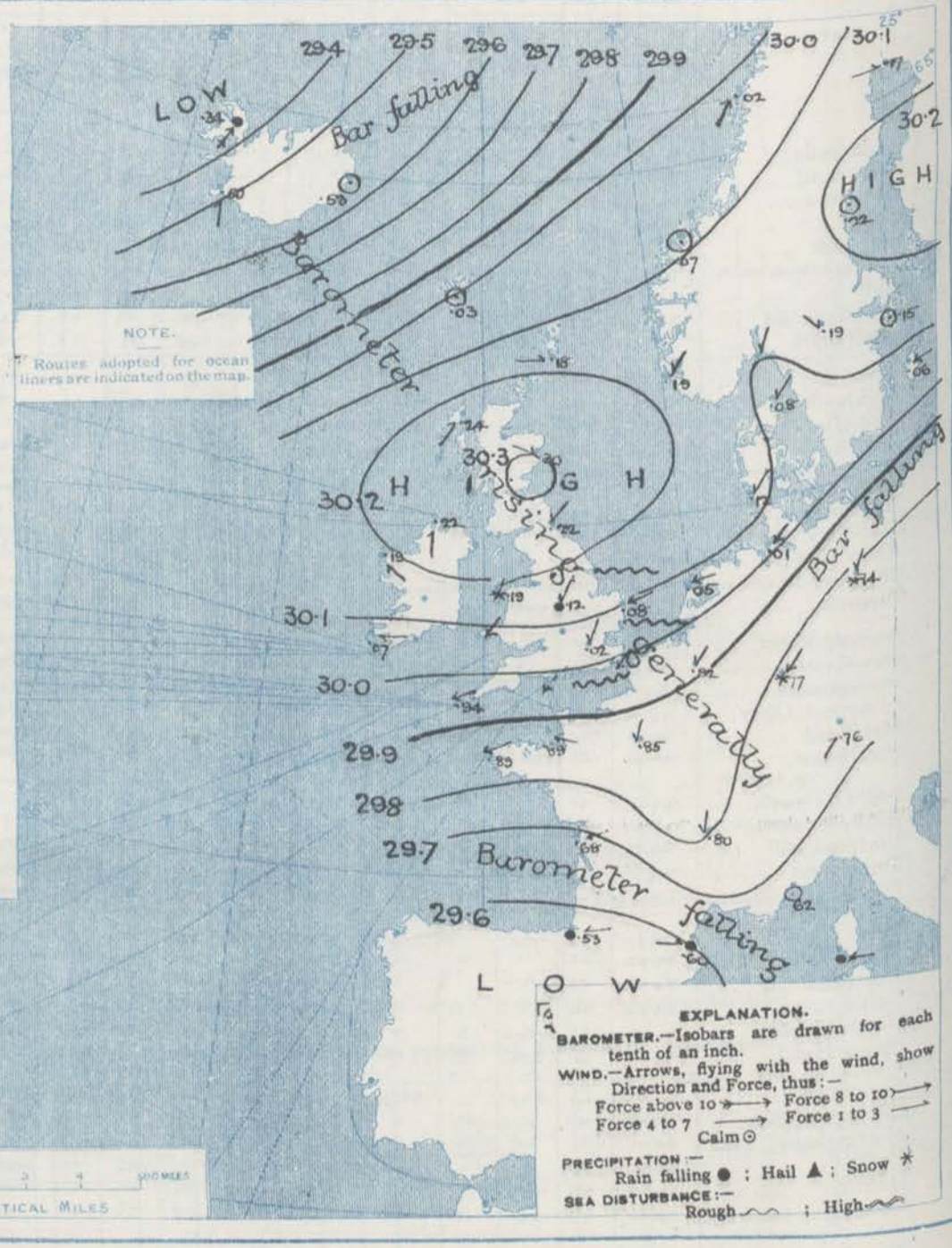
7 A.M. YESTERDAY.

6 P.M. YESTERDAY.



Wednesday, WEATHER 17th Nov.

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



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

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

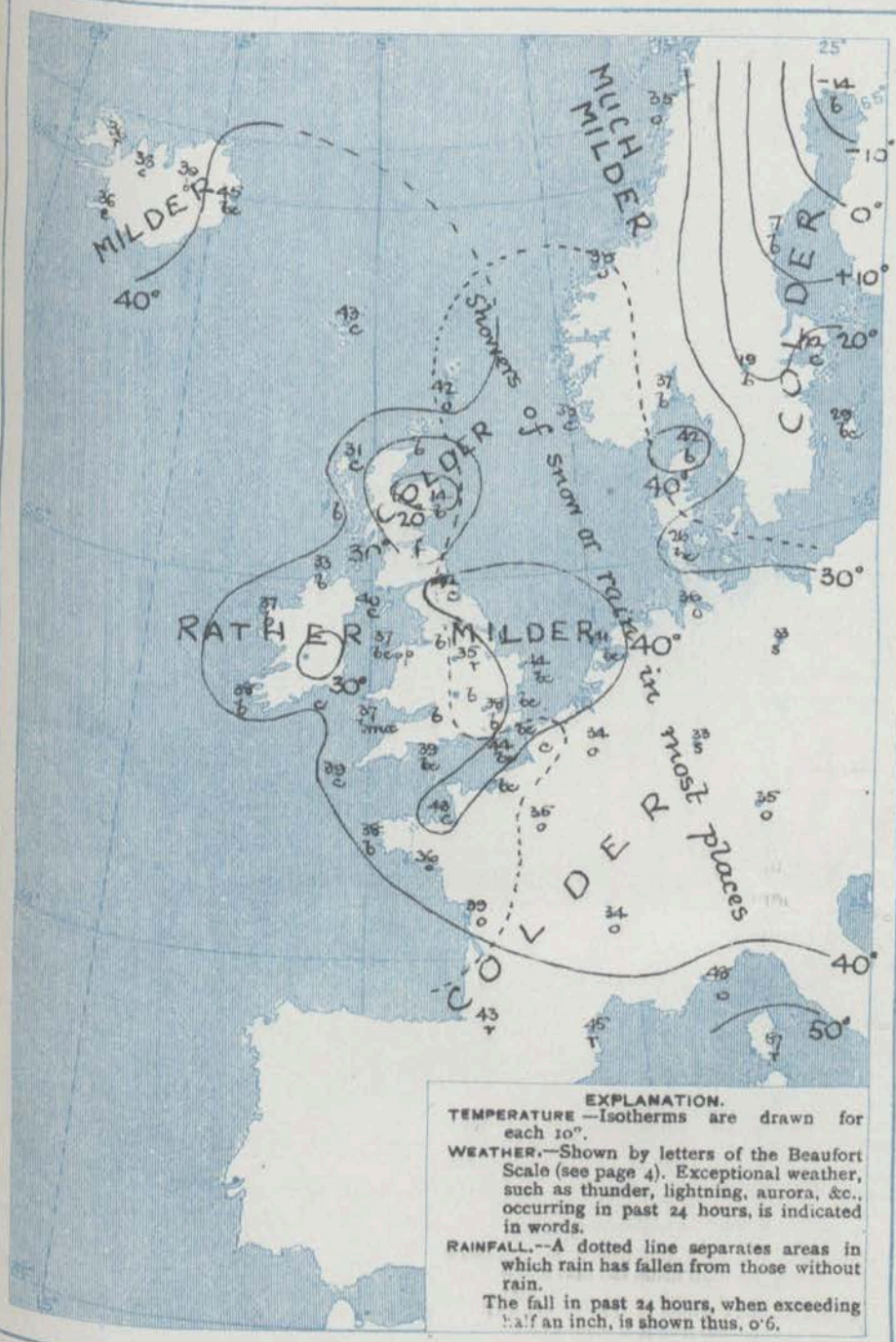
NOTES ON THE GENERAL SITUATION AT 7 A.M

The anticyclone over the northern parts of our islands and the North Sea continues to increase in intensity, and a gradual rise of the barometer is in progress over north-western Europe generally. A depression is passing along the north-west coasts of Iceland in a North-Easterly direction, another disturbance is lying over Spain and the south-west of France, in which regions the mercury is falling.

The wind is E.ly or N.E.ly over England and the western parts of the Continent, and is strong or high in force on some of the more exposed parts of our own east and south-east coasts. In the north of Scotland, the Faeroe and Iceland it is W.ly or S.W.ly. Temperature has risen somewhat over England and Ireland, but fallen in eastern and central Scotland, where the readings are exceptionally low for the time of year; at Aberdeen the thermometer is as low as 14°. Hard frost prevails also in Sweden. In Germany and central France the thermometer stands at about 35°. The weather is fine over the United Kingdom and the northern parts of the Continent generally, but rain is falling at Nottingham, and snow showers at Holyhead. Rain is also reported in the extreme south of France and at Sanguinaire, and snow at Berlin and Frankfurt. The sea is rough in the Straits of Dover, and rather rough off the east of England, but moderate or slight elsewhere.

CHARTS 17th November, 1909

2. Temperature and Weather at 7 A.M. To Day.



Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 a, b — Westerly and South-Westerly winds, light; fair; cold.

1 — Light variable airs; fine generally. Hard frost continuing.

2 a, b — North-Easterly winds, light or moderate; fair; cold.

3 — Same as No. 5.

4 a, b — North-Easterly winds, light or moderate; cold, changeable, some snow or sleet showers.

5 — North-Easterly winds, moderate to fresh inland, strong on coast; cold, changeable, some snow or sleet showers.

6 a, b — Same as No. 1.

7 a, b — Same as No. 2 a.

8 a, b — Easterly and North-Easterly winds, strong on coast; fair at first, some cold showers later.

9 a, b — Southerly and South-Easterly winds, light; fair; cold.

10 a, b — Easterly winds, light to moderate; fair; cold

11 WESTERN CHANNEL AND BAY. — Fresh to strong Easterly and North-Easterly winds, and rather rough sea; fair at first, some cold showers later.

Notes on Yesterday's Weather.

Over the greater part of the United Kingdom the thermometer yesterday failed to reach 45°; in the north of Scotland it did not touch 35°, and at Aberdeen the maximum reading was as low as 29°. Hard frost occurred in the north of Scotland at night; at Nairn and Aberdeen the thermometer fell to 14°, and at Wick to 12°. The amount of bright sunshine was generally rather large. Rain, hail or sleet showers have fallen in most parts of England. Wireless reports show that as far west as the 14th Meridian ships experienced light E.ly winds, and fine weather.

General Inference from the 7 A.M. Observations.

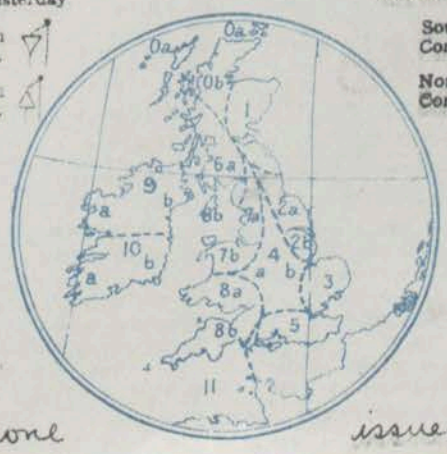
Over all the more northern parts of the United Kingdom the weather will remain under the influence of the anticyclone, and will, therefore, be generally fair and dry, with a temperature considerably below the normal. The depression over the Spanish Peninsula will probably extend somewhat in a northerly direction, and will occasion strong or high winds from the North-Eastward on our south and south-east coasts, with snow showers in many English districts.

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.

Weller & Graham, Ltd. Litho, London.

DAILY WEATHER REPORT. Wednesday, 17th November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	37	20	bc. bg	5.0	-
Dublin (City), to 4 p.m....	42	28	xg. ph. c	*	0.03
Rossall Beach, to 6 p.m.	42	29	x. c. b. cm	*	-
Blackpool, to 9 p.m. ...	43	27	bc. b	6.9	-
Southport, to 9 p.m. ...	41	25	bc	6.6	-
Rhyl, to 6 p.m....	41	23	b, bc. c	6.5	-
Colwyn Bay, to 6 p.m. ...	42	33	m. b	6.0	-
Llandudno, to 9 p.m. ...				4.8	
Bettws-y-Coed, to 6 p.m.	34	22	b. bc	1.5	*
Towyn, to 6 p.m.	45	32	b	6.5	-
Aberystwyth, to 6 p.m. ...	42	36	*	6.0	-
Plymouth, to 9 p.m. ...					
Torquay, to 6 p.m.	46	35	*	6.3	0.02
Weymouth, to 6 p.m. ...	45	35	b	7.5	-
Bournemouth, to 6 p.m. ...	44	33	b. bc	7.1	-
Southsea, to 6 p.m.	42	35		1.7	-
Bognor, to 6 p.m.	44	35	es. bc. m	2.4	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	42		o. c. o	4.3	-
Brighton, to 6 p.m. ...	43	37	*	5.5	0.03
Seaford, to 6 p.m. ...	44	35	b	6.1	-
Eastbourne, to 6 p.m. ...	45	37	*	5.0	-
Bexhill-on-Sea, to 9 p.m.	45	39	bc	6.3	-
Hastings	*	*	*	6.3	-
Folkestone, to 6 p.m. ...	45	39	bm. b. bc	5.5	-
Ramsgate, to 6 p.m. ...	*	*	*	4.5	0.06
Margate, to 6 p.m.	46	40		3.9	0.24
Felixstowe, to 6 p.m. ...	46	34	*	1.0	0.15
Lowestoft, to 6 p.m. ...	44	38	c. o. cyther	0.9	0.13
Skegness, to 6 p.m.... ...	45	41	b, q	6.4	-
Scarborough, to 9 p.m. ...	46	37	bc	3.5	0.25
Harrogate, to 6 p.m. ...	38	28	bx. es. bc	5.5	0.02
Buxton, to 6 p.m.	38	25	b. bc. b	5.0	-
Darwen, to 9 p.m.	39	28	bc	4.2	-
Manchester, to 9 p.m. ...	41	30	bg. bc	0.8	-
Birmingham, to 9 p.m....	40	29	b	0.9	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
16th Nov. 1909.	°	°		Ins.
Madeira	not	received		
Marseilles	64	41	r. c	0.35
Malta	69	64	c	-
Algiers...	75	61	bc. c	-
Tunis	72	55	bc. bc	0.08
Palermo	72	58	b. o	0.67
Naples...	62	55	o. o	-
Brindisi	65	42	b. bc	-
Rome	65	60	c. o	0.08
Vienna...	46	36	b. f	-
St. Petersburg	30	23	b. o	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain.
16th Nov. 1909.				Ins.
Utrecht	45	28	b. m	-
Groningen	45	28	b. m	-
Zurich...	*	*	r. r	0.32
Geneva	*	*	r. o	0.99
Lugano	*	*	r. r	1.97
15th Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m. 0.04
Berne	45		o	-
Coire	57	*	o	-
Castasegna...	43	*	r	-
Davos	43	*	bc	-

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Minnehaha, Nov. 14th, 7 a.m.	50 N	22 W	29.90	N	1-3	-	.	.	.	.
Minnehaha, " " 7 p.m.	50 N	23 W	29.96	NE	4-5	r	.	.	.	.
Minnehaha, " " 8 p.m.	50 N	26 W	30.00	NE	4-5	-	.	.	.	.
Minnehaha, " " 6 p.m.	49 N	27 W	29.96	ENE	4-5	c	.	.	.	.
Virginian, Nov. 14th, 3 p.m.	51 N	19 W	30.07	N	4-5	-	.	.	.	.
Virginian, " " 6 p.m.	51 N	20 W	30.09	N	4-5	c	.	.	.	.
Virginian, " " 12 M. Nov. 15th, 4 a.m.	51 N	23 W	30.09	ENE	1-3	-	.	.	.	.
Virginian, " " 7 a.m.	51 N	27 W	30.03	E	1-3	b	.	.	.	.
Columbia, Nov. 14th, 3 p.m.	55 N	15 W	29.91	NNE	4-5	-	.	.	.	.
Columbia, " " 8 p.m.	55 N	16 W	29.90	N	4-5	c	.	.	.	.
Columbia, " 15th, 4 a.m.	54 N	20 W	30.02	NE	4-5	-	.	.	.	.
Columbia, " " 7 a.m.	54 N	22 W	30.03	NE	4-5	bc	.	.	.	.
Columbia, " " 3 p.m.	54 N	26 W	29.75	SSE	1-3	-	.	.	.	.
Columbia, " " 6 p.m.	53 N	27 W	29.71	SSE	4-5	o	.	.	.	.
Philadelphia, Nov. 15th, 4 a.m.	50 N	17 W	29.79	NNE	4-5	-	.	.	.	.
Philadelphia, " " 7 a.m.	50 N	18 W	29.79	ENE	4-5	bc	.	.	.	.

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.
Caronia, Nov. 15th, 4 a.m.	51 N	16 W	29.95	N	4-5	bc
Caronia, " " 7 a.m.	51 N	17 W	30.02	N	1-3	-
Caronia, " " 3 p.m.	51 N	22 W	29.89	SE	4-5	bc
Caronia, " " 6 p.m.	51 N	23 W	29.84	ESE	6-7	-
Vaderland, Nov. 15th, 10 a.m.	50 N	11 W	29.89	NNE	4-5	-
Vaderland, " " 1 p.m.	50 N	12 W	30.06	NNE	4-5	b
Vaderland, " " 3 p.m.	50 N	13 W	30.00	ENE	4-5	-
Vaderland, " " 6 p.m.	50 N	14 W	30.00	E	4-5	b
Montezuma, Nov. 15th, 4 a.m.	50 N	16 W	29.92	E	4-5	-
Montezuma, " " 7 a.m.	50 N	16 W	29.95	E	6-7	bc
Montezuma, " " 15th, 3 p.m.	50 N	13 W	29.90	ENE	4-5	-
Montezuma, " " 6 p.m.	50 N	12 W	29.96	E	6-7	b
Campania, Nov. 16th, 4 a.m.	51 N	15 W	29.92	SE	4-5	-
Campania, " " 7 a.m.	51 N	14 W	29.94	E	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.

(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.

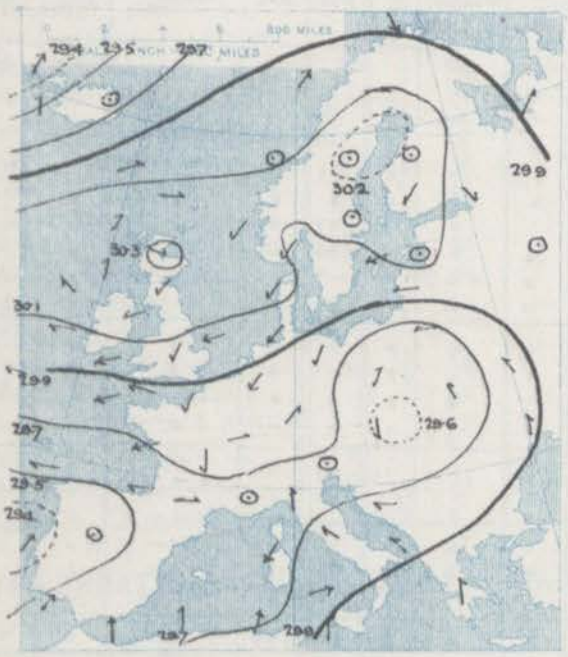
Thursday
18th November 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30.10	15	N	0	b	30.00	-.17	5	5	+19	N	0	o	*	? 15	-15	*	*	-
	Hernösand	30.31	6	N	0	b	30.18	-.04	15	15	+8	N	0	b	*	16	6	*	*	-
	Stockholm	30.26	28	NE	2	b	30.27	+.12	20	20	-2	N	2	b	*	28	18	*	*	-
	Wisby...	30.15	32	E	4	8	30.17	+.11	28	24	-1	E	4	bc	*	37	23	*	*	0.04
	Karlstad	30.30	24	NE	2	bc	30.30	+.11	28	23	+4	NE	2	f	*	*	*	*	*	-
	Færder (X'tania Fjord)	30.25	33	NE	1	b	30.27	-.17	31	29	-6	E	1	o	1	37	30	*	*	-
	Bodö	30.06	31	SW	3	bc	29.74	-.28	33	32	-2	ESE	4	o	1	36	28	*	*	-
	Christiansund ...	30.41	40	SW	2	r	30.02	-.05	43	41	+5	SW	3	o	3	43	36	*	*	0.20
	Skudesnaes ...	30.23	37	N	2	b	30.24	+.05	38	37	0	E	2	o	3	39	34	c. b	*	0.04
ICELAND & FAEROE.	Isafjord	29.45	37	SW	7	r	29.93	+.59	33	*	-3	2	0	o	*	*	*	*	*	*
	Reykjavik	29.68	37	SW	5	o	29.91	+.41	35	*	-1	SE	1	o	*	*	*	*	*	*
	Seydisfjord... ...	29.66	40	WNW	3	b	29.86	+.33	40	*	-5	WSW	7	b	*	*	*	*	*	*
	Thorshavn	30.04	46	SW	6	r	30.04	+.01	47	*	+4	SW	5	r	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.22	43	W	2	o	30.20	+.02	45	44	+3	W	2	o	1	45	40	c. o	*	0.09
	Stornoway	30.29	38	WSW	3	c	30.31	+.07	39	38	+8	W	2	r	2	41	31	c. od	2.2	0.01
	Castlebay (Barra Id.)	30.29	42	NE	1	bc	30.33	+.08	36	35	-6	2	0	b	1	45	35	bem. c. b	5.2	-
	Malin Head ...	30.27	35	SSE	2	b	30.28	+.06	39	37	+6	SE	2	b	1	42	32	b. bem. bc	*	-
	Blacksod Pt. ...	30.22	40	E	4	b	30.27	+.08	38	36	+1	E	5	b	3	40	36	bc	*	-
	Valencia	30.12	40	NE	2	b	30.12	+.05	39	36	+1	ENE	3	bq	3	45	38	b. bc	5.9	-
	Roche's Point ...	30.12	44	E	3	c	30.12	+.04	39	37	-1	NE	3	b	4	45	37	c. cp. bc. b	*	0.01
	Birr Castle ...	30.20	34	NNE	1	b	30.23	+.05	26	25	-2	2	0	b	*	40	24	b	7.0	-
	Donaghadee ...	30.28	44	NNE	3	b	30.24	-.01	41	41	+1	WNW	4	b	3	46	40	bc	*	-
	Liverpool Obsy...	30.24	41	NE	1	o	30.23	+.04	34	32	+2	N	1	m	2	43	32	bm. x	4.6	-
	Holyhead	30.22	42	ENE	3	b	30.20	+.01	40	38	+3	E	3	b	2	44	35	b	*	-
	Pembroke (St. Ann's Hd.)	30.09	39	NE	3	b	30.06	+.01	39	36	+2	NE	5	bm	4	44	36	bcmx. bm	6.9	-
	Scilly (St. Mary's) ...	29.94	42	ENE	6	o	29.90	-.04	38	36	-1	ENE	5	c	2	45	36	c. o	6.0	-
	Jersey (St. Aubins) ...	29.89	43	E	7	bc	29.84	-.05	42	39	-1	ESE	8	b	6	45	41	c. og. bem. bc	5.0	-
	Portland Bill ...	29.97	45	ENE	6	b	29.96	.00	44	42	+5	ENE	7	c	6	47	38	c. b	5.5	-
	Dungeness	29.94	47	ENE	7	bcq	29.93	+.06	44	43	0	ENE	7	c	6	47	43	bcq	5.3	-
	Dover	*	*	*	*	*	? 30.01	+.02	40	36	0	ENE	5	b	6	46	38	bc. b	6.4	-
	Wick	30.28	26	NW	1	bc	30.27	+.03	37	35	+14	W	1	c	1	37	22	-	*	-
	Nairn	30.29	25	N	0	b	30.31	+.05	24	24	+9	N	0	bc	1	33	14	b. bc	6.7	-
	Aberdeen	30.32	21	WNW	1	b	30.33	+.03	22	21	+8	WNW	1	b	2	26	13	bg	5.3	-
	Leith	30.28	27	W	1	f	30.31	+.02	22	22	-3	W	1	f	*	36	22	bg bf	*	-
	North Shields ...	30.28	38	NNE	3	c	30.27	+.06	33	32	-9	NW	3	c	3	46	31	cp. c	3.0	0.01
	Spurn Head ...	30.18	44	NE	5	bc	30.17	+.05	44	40	0	NNE	5	cw	5	47	40	bcq. bcd. cw	*	-
	Yarmouth	30.09	47	ENE	5	bcp	30.13	+.05	45	42	+1	ENE	4	bcp	5	47	42	bcp	5.0	0.06
	Clacton-on-Sea ...	30.04	44	NE	4	bc	30.08	+.06	44	41	+2	ENE	5	bc	4	49	42	bc. cp. bc	4.8	0.13
	Nottingham ...	30.18	42	ENE	4	c	30.17	+.05	41	39	+6	NE	5	o	*	46	34	cp. c	2.0	0.01
	Bath	30.07	44	NE	3	o	30.07	+.02	41	40	+4	NE	4	o	*	46	37	-	7.2	-
	Oxford	30.13	41	NNE	5	b	30.12	+.04	41	40	+6	NE	4	o	*	47	35	b. bcp. o	*	-
	London (St. James's Pk)	30.05	41	ENE	4	c	30.06	+.04	40	39	+2	NE	2	b	*	48	37	c. cp. c	2.0	0.02
GERMANY, &c.	The Scaw (Skagen)	30.21	35	ENE	2	o	30.24	+.16	32	31	-10	E	1	o	1	43	30	*	*	-
	Fanö	30.15	28	NE	3	b	30.20	+.08	25	24	-1	NE	2	b	*	36	23	*	*	-
	Cuxhaven†... ...	30.04	37	NE	4	b	30.14	+.13	35	90	-1	NE	4	b	*	37	35	*	*	-
	The Helder ...	30.04	42	E	3	b	30.14	+.09	39	38	-2	ENE	2	b	2	45	39	*	*	-
	Brussels	*	*	*	*	*	30.09	+.17	29	29	-5	ENE	1	o	*	41	28	*	*	-
	Berlin†..	29.82	33	NNE	3	3	29.96	+.22	33	33	0	NNE	2	bc	*	34	32	*	*	1.06
	Frankfurt†... ...	29.89	35	NE	5	o	29.97	+.20	35	87	+2	NE	4	c	*	37	32	*	*	0.04
	Munich†	29.80	35	NE	4	o	29.93	+.17	30	92	-5	NE	4	o	*	41	28	*	*	-
FRANCE.	C. Gris Nez ...	29.98	41	ENE	6	b	30.03	+.08	33	32	-2	E	4	b	4	45	32	*	*	-
	La Hève	29.95	36	ENE	4	c	29.95	+.04	34	32	-1	ENE	4	b	4	?	?	*	*	-
	Brest	29.82	41	ENE	5	b	29.73	-.16	40	36	+2	ENE	7	bc	4	45	36	*	*	-
	Lorient	*	39	ENE	7	o	?	?	38	37	+2	ENE	7	o	4	45	36	*	*	-
	Rochefort	29.63	40	ENE	6	o	29.49	-.19	37	37	-2	ENE	6	r	*	45	36	o	*	0.04
	Biarritz	29.47	45	ENE	4	r	29.37	-.16	48	47	+5	ESE	4	o	2	48	43	*	*	0.67
	Paris	29.88	36	NNE	4	b	29.89	+.04	32	31	-3	NE	4	b	*	40	32	*	*	-
	Belfort...	29.81	32	ENE	6	f	29.83	+.08	32	29	-3	ENE	7	o	*	41	32	*	*	-
	Lyons	29.75	36	NNW	1	o	29.76	-.04	34	33	0	N	1	r	*	50	33	*	*	0.12
	Nice	29.59	50	N	0	o	29.63	+.01	46	46	-2	N	0	r	3	54	45	*	*	0.24
	Perpignan	29.54	51	E	2	r	29.53	-.07	48	48	+3	NE	1	r	*	51	45	*	*	0.43
	Sauguinaire ...	29.66	55	E	3	r	29.70	-.02	61	59	+4	SE	3	o	4	61	52	*	*	0.39
SPANISH PENIN.	Corunna																	*	*	
	Lisbon														*			*	*	
	Azores (P. Delgada)...																	*	*	
	" Horta ...	29.37	63	WSW	4	bc	29.32	.00	57	53	-6	W	4	r	4	70	55	*	*	0.39

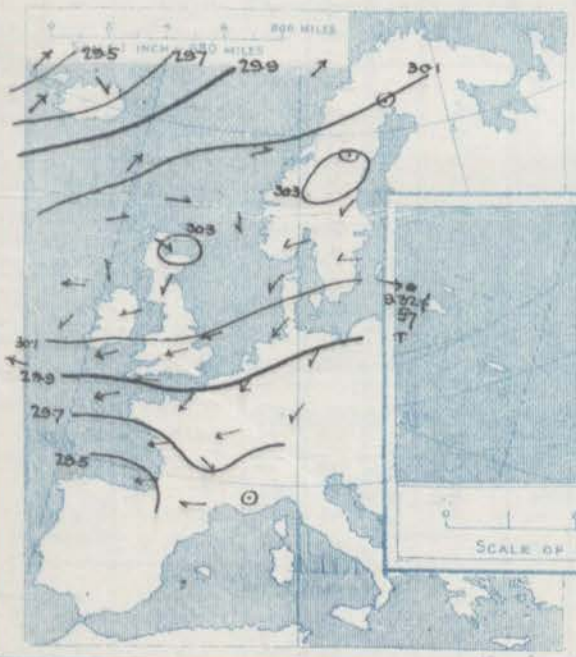
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

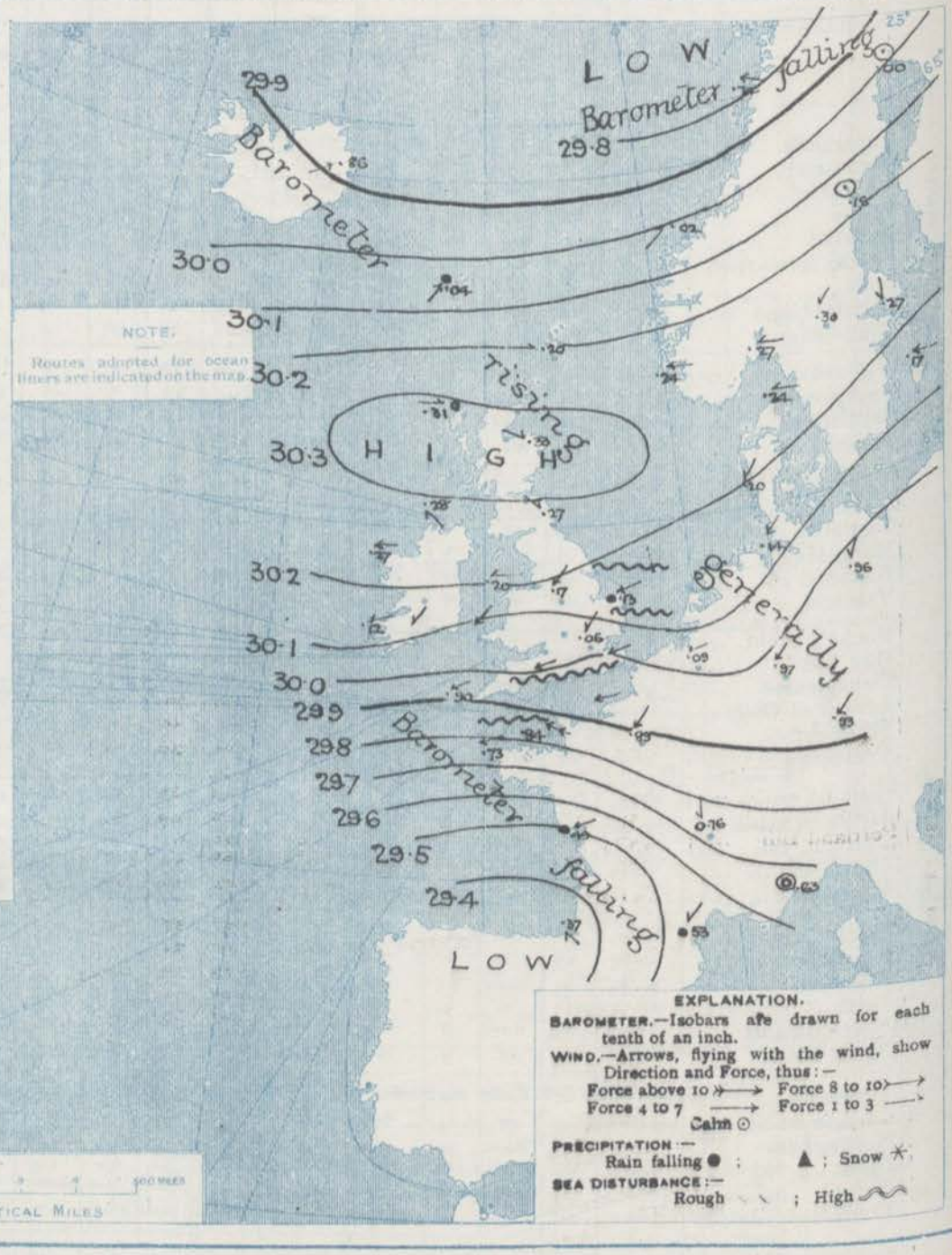


6 P.M. YESTERDAY.



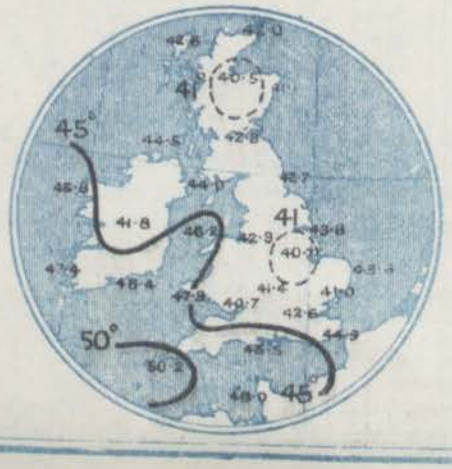
Thursday. WEATHER 18th Nov.

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



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

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



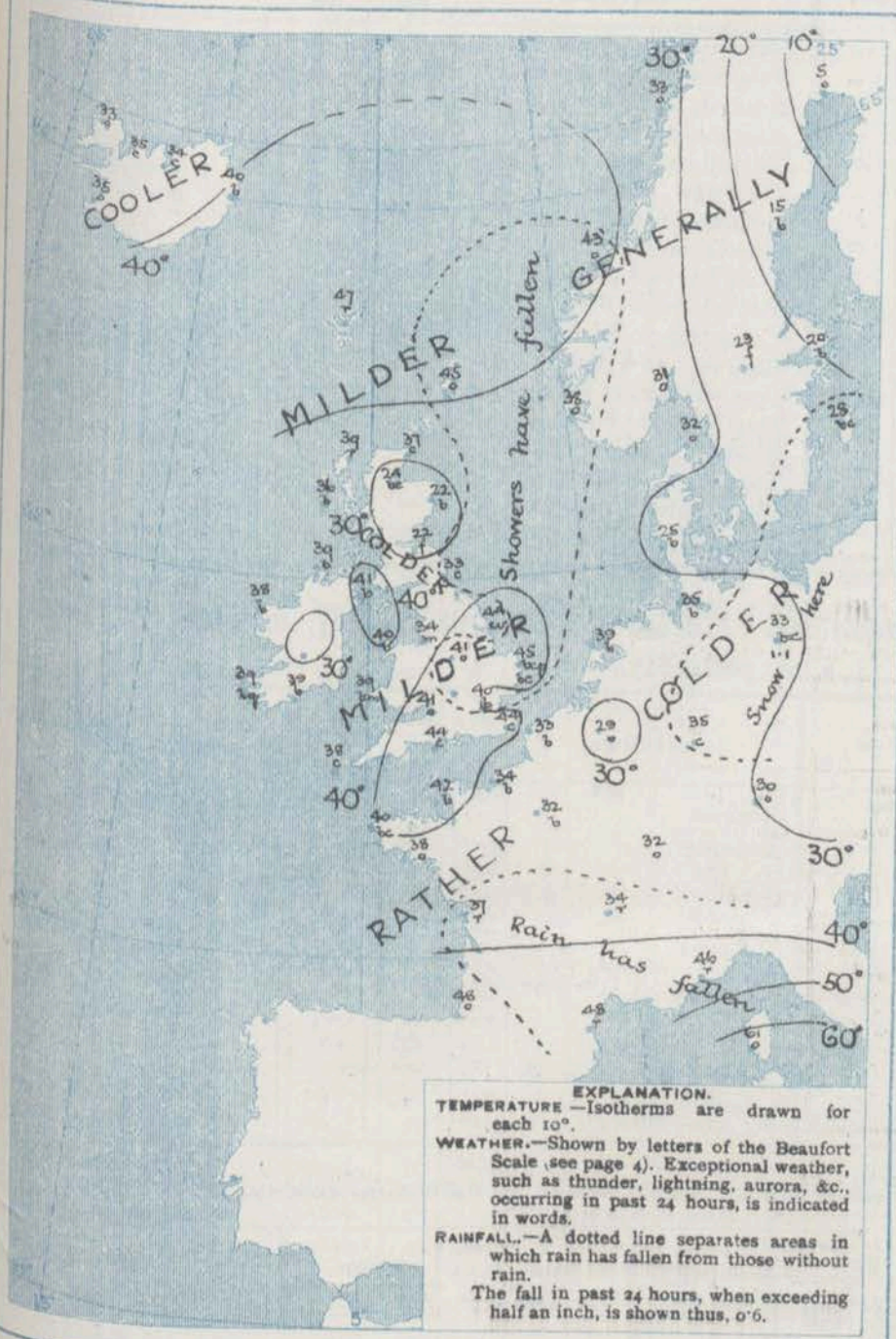
NOTES ON THE GENERAL SITUATION AT 7 A.M

The anticyclonic system has increased somewhat in intensity without materially changing its position, and the barometer is now above 30·3 ins. over almost the whole of Scotland. Pressure has decreased over France and the Bay of Biscay, and also over the north of Scandinavia, the lowest reading reported being 29·37 ins. at Biarritz.

The wind is light or moderate from some Westerly point at most stations in the north of our area, but over Germany, France, and the greater part of England and Ireland it is between east and north-east. It blows a gale at Jersey, and a strong breeze or high wind on our south coast and the Channel generally. Temperature has risen somewhat in most parts of these islands, but fallen in the north of England. It ranges from 22° at Aberdeen and Leith, and 24° at Nairn to 45° at Lumbungh Head and Great Yarmouth. The weather is fair or fine in most regions, but rain is falling in the south and south-west of France and at Stornoway and Thorshavn, and showers are reported at Great Yarmouth. At Leith the atmosphere is foggy.

CHARTS 18th November, 1909.

2. Temperature and Weather at 7 A.M To Day.



Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b) — Westerly winds, light to moderate; cloudy to fair; moderate temperature.

1 — Wind variable or light from the Westward; fair or fine, mist or fog locally; continuing cold.

2 (a, b) — Same as No. 4.

3 — North-Easterly and Easterly winds, moderate, strong in places; some showers, but generally fair; rather cold.

4 (a, b) — North-Easterly winds, moderate or fresh; generally fair; rather cold.

5 — Easterly and North-Easterly winds, increasing in force, strong to a gale on coast; changeable, some showers; rather cold.

6 (a, b) — Light variable winds, fair or fine; cold.

7 (a, b) — Same as No. 4.

8 (a, b) — Easterly and North-Easterly winds, fresh to strong or high; fair to dull, with some showers; rather cold.

9 (a, b) — Wind mainly from some Easterly point, light to moderate or fresh; generally fair or fine, rather cold.

10 (a, b) — Wind mainly from some Easterly point, light to moderate or fresh; generally fair or fine, rather cold.

11 WESTERN CHANNEL AND BAY. Easterly and North-Easterly winds, fresh or strong to high; sea rather rough; changeable, some rain.

Notes on Yesterday's Weather.

During yesterday the thermometer rose to above 45° in several parts of England, but only touched 26° at Aberdeen. Severe frost occurred during the night in most parts of Scotland, and sharp frost in central Ireland. Some showers fell yesterday in the south east and extreme north of the Kingdom, and very heavy snow at Berlin. Much bright sunshine was recorded over these islands generally, the largest record reported being 8·1 hours at Worthing.

General Inference from the 7 A.M. Observations.

The anticyclone centred over Scotland appears likely to maintain its position, but the depression over France and the Bay will have some effect on the weather over the southern districts of England.

10.45

Forecast Districts.

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

Signals hoisted yesterday.

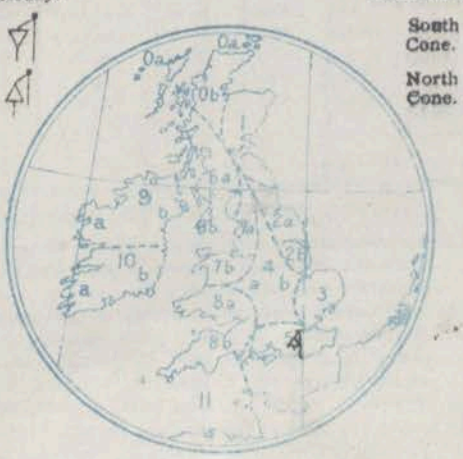
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



Weller & Graham Ltd Litho, London

DAILY WEATHER REPORT. Thursday, 18th November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	37	20	xg. b	5.9	-
Dublin (City), to 4 p.m. ...	46	28	bep. c	*	0.01
Rossall Beach, to 6 p.m.	44	29	x. bc. c	*	-
Blackpool, to 9 p.m. ...	45	28	bm. c	7.3	-
Southport, to 9 p.m. ...	44	29	bc, bc	6.5	-
Rhyl, to 6 p.m. ...	43	22	b. c. b	3.7	-
Colwyn Bay, to 6 p.m. ...	44	32	x. bc	3.0	-
Llandudno, to 9 p.m. ...	45	31	bc. o	3.1	-
Bettws-y-Coed, to 6 p.m.	35	22	b. c	0.0	*
Towyn, to 6 p.m.	50	32	bc. b	7.0	-
Aberystwyth, to 6 p.m. ...	44	37	*	6.5	-
Plymouth, to 9 p.m. ...					
Torquay, to 6 p.m.	47	36	*	4.7	-
Weymouth, to 6 p.m. ...	46	34	b	5.5	-
Bournemouth, to 6 p.m. ...	46	32	b. bc	6.9	-
Southsea, to 6 p.m. ...	47	35	*	7.1	-
Bognor, to 6 p.m.					

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	47	35	b. bc	8.1	-
Brighton, to 6 p.m. ...	47	37	*	7.8	-
Seaford, to 6 p.m. ...	46	33	b	6.6	-
Eastbourne, to 6 p.m. ...	46	32	*	6.4	-
Bexhill-on-Sea, to 9 p.m.	47	35	c	6.0	-
Hastings	*	*	*	6.1	-
Folkestone, to 6 p.m. ...	46	39	bc. b	5.6	-
Ramsgate, to 6 p.m. ...	*	*	*	6.5	-
Margate, to 6 p.m.	48	40	b	6.3	-
Felixstowe, to 6 p.m. ...	47	37	*	4.5	0.10
Lowestoft, to 6 p.m. ...	48	39	c. o. cp. c	5.6	0.05
Skegness, to 6 p.m.	46	43	r. bc	3.2	0.11
Scarborough, to 9 p.m. ...	46	39	bc. c	3.4	0.05
Harrogate, to 6 p.m. ...	41	29	bx. bc. c	3.4	-
Buxton, to 6 p.m.	40	28	b. bx. bc	5.3	-
Darwen, to 9 p.m.	41	29	bc	4.6	-
Manchester, to 9 p.m. ...					
Birmingham, to 9 p.m. ...	43	32	o. c. p	0.2	0.03

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

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain. Ins.
17th Nov. 1909.				
Madeira	not	received		
Marseilles	55	41	b. r	0.04
Malta	69	64	bc	-
Algiers...	72	63	o. o	-
Tunis	72	54	bc. f	-
Palermo	71	57	b. o	-
Naples...	63	53	bc. c	0.16
Brindisi	65	51	bc. b	-
Rome	66	55	c. o	0.16
Vienna...	57	41	o. c	-
St. Petersburg	28	21	s. o	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain. Ins.
17th Nov. 1909.				
Utrecht	37	30	o. c	-
Groningen	39	28	o. c	0.35
Zurich...	*	*	o. c	0.04
Geneva	*	*	bc. o	0.08
Lugano	*	*	c. c	
17th Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	37	*	o	0.71
Coire	43	*	r	0.67
Castasegna...	42	*	o	1.97
Davos	34	*	s	0.59

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Philadelphia, Nov. 15th 3pm	50 N	23 W	29.63	ESE	6-7	-	.	.	.	.
" " 6pm	50 N	24 W	29.57	SE	6-7	bc	.	.	.	.
Vaderland, Nov. 6th 4am	52 N	18 W	29.56	ESE	6-7	-	.	.	.	.
" " 7am	50 N	19 W	29.79	ESE	8-9	o	.	.	.	.
Adriatic, Nov. 16th 4am	49 N	26 W	29.23	ESE	8-9	-	.	.	.	.
" " 7am	49 N	? 25 W	29.26	SE	6-7	r	.	.	.	.
" " 3pm	49 N	22 W	29.40	ESE	6-7	.	.	.	.	.
" " 6pm	49 N	21 W	29.45	ESE	6-7	o	.	.	.	.
" " 7th 4am	49 N	17 W	29.69	ESE	6-7	-	.	.	.	.
" " 7am	49 N	16 W	29.86	ESE	6-7	b	.	.	.	.
" " ? 3pm	49 N	13 W	29.81	ESE	6-7	-	.	.	.	.
" " ? 6pm	49 N	12 W	29.85	ESE	6-7	bc	.	.	.	.

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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.

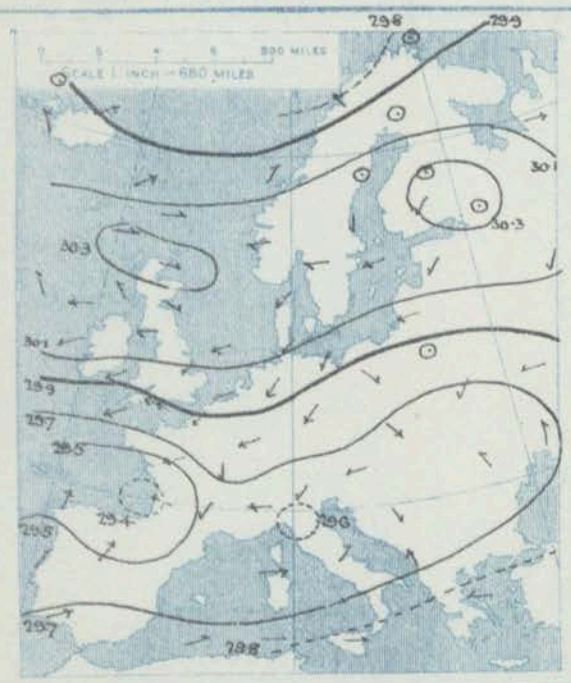
Friday
19th November 1909

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.57	33	WSW	6	0	29.55	.48	26	26	+21	NE	2	0	*	36	5	*	*	0.25
	Hernösand	29.90	30	S	6	0	29.62	-.56	30	29	+15	SW	2	c	*	32	5	*	*	-
	Stockholm	30.12	19	2	0	f	29.83	-.44	21	21	+1	2	0	f	*	28	18	*	*	-
	Wisby...	30.07	31	E	4	b	29.87	-.30	33	32	+5	WSW	4	c	*	34	23	*	*	-
	Karlstad	30.17	29	2	0	0	29.78	-.52	36	35	+13	2	0	c	*	*	*	*	*	-
	Færder (Christiania Fjord)	30.13	35	WSW	2	0	29.78	-.49	41	40	+10	WSW	4	0	2	?41	38	*	*	-
	Bodö	29.52	38	SW	6	0	29.62	-.12	36	33	+3	N	4	m	2	39	32	*	*	-
	Christiansund ...	29.86	43	WSW	5	r	29.59	-.13	41	36	-2	NW	6	c	4	43	37	*	*	1.18
	Skudesnaes ...	?30.20	41	WNW	2	c	29.97	-.27	47	46	+9	WNW	6	r	2	41	37	c	*	0.16
ICELAND & FAEROE	Isafjord	29.96	31	2	0	b	30.03	+.10	31	*	-2	2	0	c	*	*	*	*	*	*
	Reykjavik	29.84	37	E	1	r	30.06	+.15	36	*	+1	2	0	r	*	*	*	*	*	*
	Seydisfjord... ...	29.99	35	WNW	3	0	29.97	+.11	33	*	-7	2	0	0	*	*	*	*	*	*
	Thorshavn	30.08	48	SW	5	0	30.06	+.02	46	*	-1	W	4	r	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.17	46	W	2	0	30.07	-.13	47	46	+2	W	3	0	2	47	44	0	*	0.01
	Stornoway	30.32	41	WSW	4	0	30.28	-.03	42	41	+3	WSW	3	0	3	43	39	bg, 0	0.0	0.01
	Castlebay (Barra Hd.)	30.34	44	NNE	2	b	30.32	-.01	42	39	+6	NW	1	0	1	46	35	bg, bc, b, 0	6.1	-
	Malin Head ...	30.30	41	S	1	bc	30.30	+.02	43	40	+4	SSE	2	bem	2	45	38	bc, bem	*	-
	Blacksod Pt. ...	30.28	42	ENE	4	b	30.28	+.01	39	37	+1	E	5	bc	4	43	35	bc	*	-
	Valencia	30.11	41	ENE	4	b	30.15	+.03	37	36	-2	ENE	3	b	3	45	37	b, bc	7.0	-
	Roche's Point ...	30.11	42	E	4	b	30.15	+.08	43	40	+4	NE	2	c	4	46	39	b, bc, bg, p, cg	*	-
	Birr Castle ...	30.20	34	N	1	b	30.24	+.01	26	25	0	2	0	bc	*	42	24	b	5.5	-
	Donaghadee ...	30.27	43	NNE	4	bc	30.30	+.06	44	43	+3	NE	3	bc	2	45	40	b, bc	*	-
	Liverpool Obsy...	30.22	40	NNE	3	0	30.26	+.03	38	37	+4	NNE	1	0	2	42	34	bm, 0	2.5	-
	Holyhead	30.19	42	ENE	3	b	30.24	+.04	41	40	+1	ENE	2	c	1	44	38	b	*	-
	Pembroke (St. Ann's Hd.)	30.06	43	NE	4	b	30.14	+.03	37	35	-2	ENE	4	b	4	46	35	bm, cg, m, bm	2.6	-
	Scilly (St. Mary's) ...	29.90	42	ENE	7	c	29.92	+.02	38	35	0	ENE	6	c	2	47	37	c	0.5	-
	Jersey (St. Anbins) ...	29.85	40	ENE	8	b	?29.96	+.12	37	35	-5	ESE	7	0	b	45	35	b, c, cm, cg, m	6.3	-
	Portland Bill ...	29.95	45	ENE	8	b	30.02	+.06	40	33	-4	ENE	6	c	6	48	38	bc, b	7.5	-
	Dungeness	29.99	43	ENE	7	bc	30.07	+.09	39	36	-5	ENE	7	b	6	45	36	cg, bcg	4.0	-
	Dover	*	*	*	*	*	30.17	+.16	37	33	-3	E	5	b	6	45	36	b	7.1	-
	Wick	30.26	37	NW	1	bc	30.20	-.07	40	38	+3	NW	2	bc	2	40	34	-	*	-
	Nairn	30.30	36	WSW	1	bc	30.27	-.04	39	36	+15	WSW	2	0	1	39	24	c, bc, c, 0	0.0	-
	Aberdeen	30.31	30	WNW	2	bc	30.26	-.07	37	33	+15	WNW	1	0	2	37	21	bg, bcg, c, 0	1.1	-
	Leith	30.30	34	2	0	f	30.29	-.02	35	33	+13	W	1	f	*	36	20	bcf	*	-
	North Shields ...	30.27	41	NNE	2	c	30.27	.00	38	36	+5	NW	2	c	3	45	32	c	2.3	-
	Spurn Head ...	30.18	46	E	4	c	30.22	+.05	43	41	-1	E	3	c	3	48	41	bcw, cp, cw	*	0.03
	Yarmouth	30.16	42	ENE	4	bc	30.20	+.07	43	40	-2	E	4	bc	4	47	42	bcf, bc, bc	3.3	-
	Clacton-on-Sea ...	30.12	43	ENE	5	bc	30.17	+.09	41	37	-3	ENE	5	c	4	46	41	bc, c	7.3	-
	Nottingham ...	30.18	43	NE	3	c	30.22	+.05	36	36	-5	ENE	1	0	*	45	35	0, c, cp, cd	0.2	0.04
	Bath	30.07	42	NE	2	bc	30.16	+.09	35	33	-6	NE	4	0	*	47	34	-	3.9	-
	Oxford	30.16	38	ENE	3	b	30.21	+.09	33	32	-5	NNE	2	c	*	46	31	0, c, b	*	-
	London (St. James's Pk)	30.09	42	E	4	bc	30.16	+.10	39	36	-1	ENE	3	c	*	47	39	c, bc	3.3	-
GERMANY, &c.	The Scaw (Skagen)	30.19	35	W	1	0	29.88	-.36	43	41	+11	WNW	5	c	2	43	32	*	*	-
	Fanö	30.23	21	NE	2	b	30.12	-.08	39	37	+14	W	2	c	*	39	21	*	*	-
	Cuxhaven†... ...	30.19	37	NE	3	b	30.19	+.05	32	29	-3	SW	2	0	*	39	30	*	*	-
	The Helder ...	30.22	39	ESE	2	b	30.23	+.09	34	33	-5	2	0	c	0	41	32	*	*	-
	Brussels	*	*	*	*	*	30.15	+.06	26	25	-3	ENE	1	b	*	39	25	*	*	-
	Berlin†...														*			*	*	
	Frankfurt†... ...	30.04	32	NE	4	0	30.18	+.21	30	25	-5	N	4	c	*	37	25	*	*	-
	Munich†	30.01	30	NE	4	0	30.17	+.24	28	?30	-2	NE	5	0	*	32	27	*	*	-
FRANCE.	C. Gris Nez ...	30.06	37	E	5	bc	30.12	+.09	30	28	-3	ENE	5	b	5	41	30	*	*	-
	La Hève	29.95	36	NE	2	0	30.03	+.08	30	29	-4	ENE	4	c	3	41	?30	*	*	-
	Brest	29.69	42	ENE	7	0	29.88	+.15	35	34	-5	ENE	5	3	5	43	34	*	*	0.32
	Lorient	?	40	ENE	7	r	?	?	36	36	-2	E	6	0	5	43	33	*	*	0.39
	Rochefort	29.60	41	E	7	r	29.76	+.27	39	39	+2	E	4	0	*	41	39	r	*	0.16
	Biarritz	29.51	61	S	5	b	29.76	+.39	54	51	+6	E	3	0	2	68	46	*	*	-
	Paris	29.95	37	ENE	4	0	29.99	+.10	32	30	0	E	4	c	*	41	32	*	*	-
	Belfort...	29.88	31	ENE	7	0	30.04	+.21	30	28	-2	ENE	7	m	*	33	30	*	*	-
	Lyons	29.79	36	N	1	0	29.95	+.19	36	36	+2	N	1	0	*	37	34	*	*	0.12
	Nice	29.69	51	2	0	0	29.80	+.17	52	51	+7	2	0	0	0	54	?46	*	*	0.99
	Perpignan	29.61	50	NW	1	0	29.86	+.33	47	47	-1	SW	2	b	*	51	45	*	*	0.04
	Sauguinaire ...	29.71	60	SW	4	r	29.82	+.12	63	60	+2	SW	3	0	3	63	52	*	*	0.47
SPANISH PENIN.	Corunna																	*	*	
	Lisbon														*			*	*	
	Azores (P. Delgada)...																	*	*	
	" Horta ...	29.81	59	W	4	r	29.36	+.04	60	57	+3	NE	4	r	4	68	53	*	*	0.55

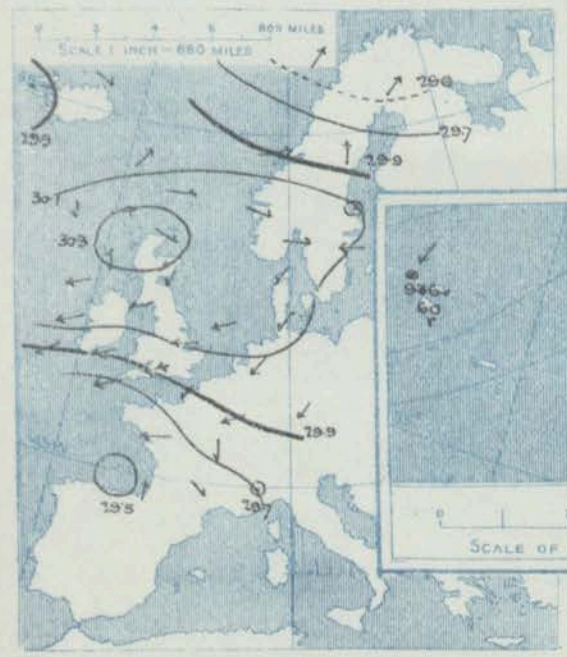
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

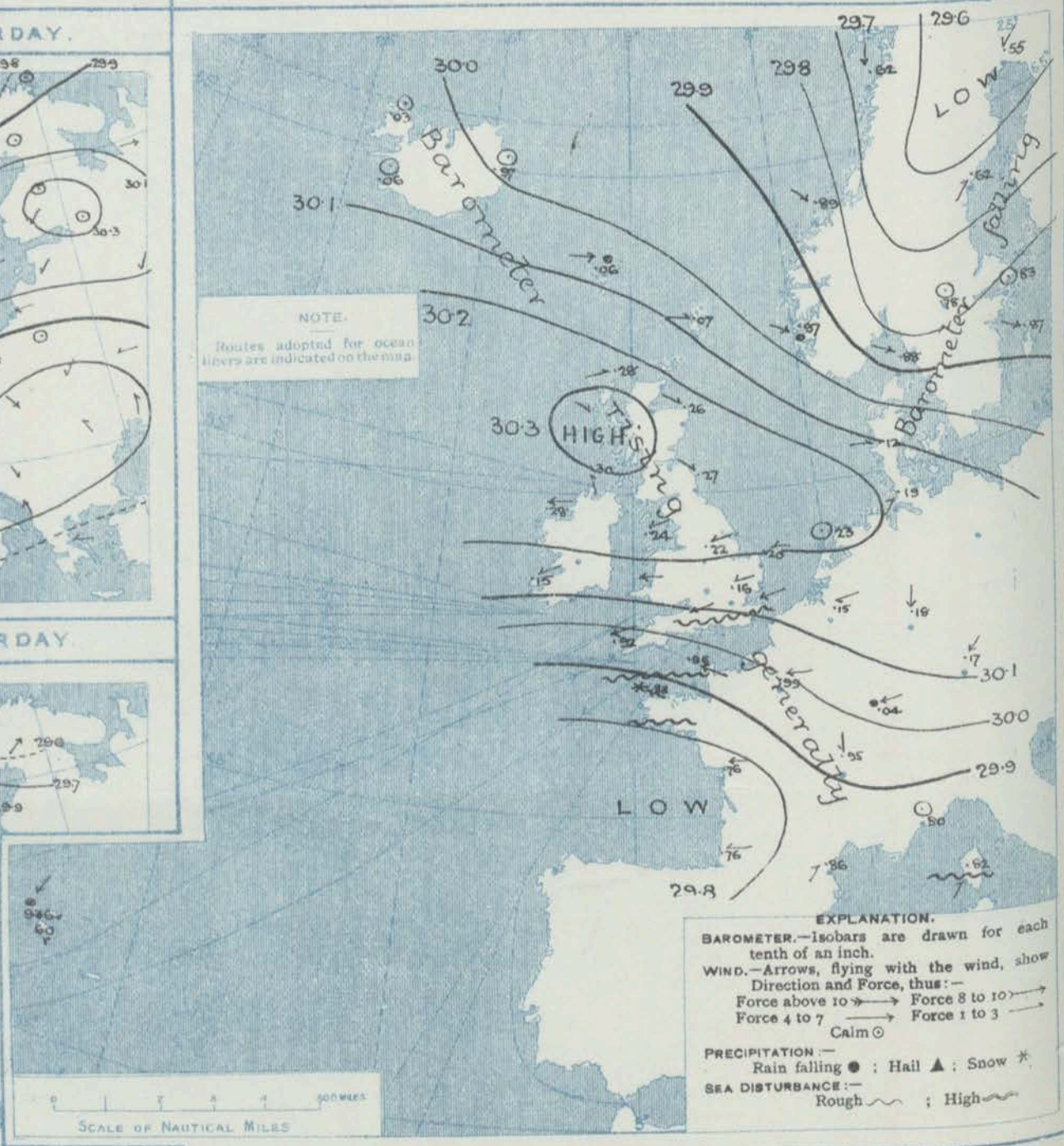


6 P.M. YESTERDAY.



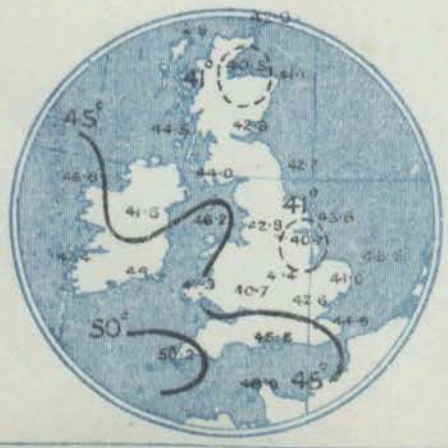
Friday, WEATHER 19th Nov.

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



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

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



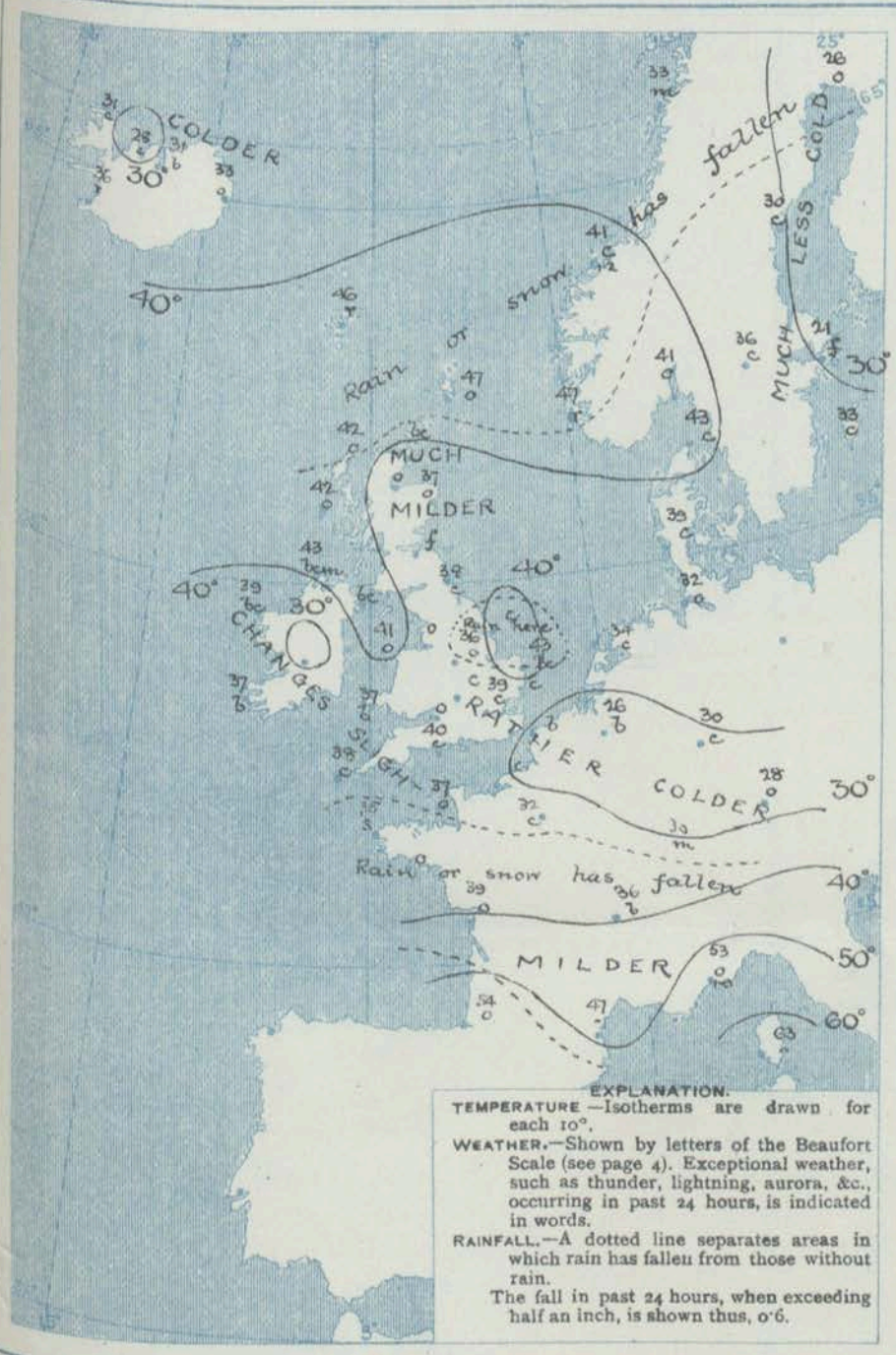
NOTES ON THE GENERAL SITUATION AT 7 A.M

A large cyclonic system has appeared over the Scandinavian region, while the depression over the Bay of Biscay has either become less deep or passed out on to the Atlantic. Over the United Kingdom the barometer has changed very little, and the readings now range from above 30·3 ins. in the west of Scotland and the north of Ireland to below 29·8 ins. over the southern part of the Bay of Biscay and its neighbourhood, and to below 29·6 ins. in the north of Scandinavia.

The wind is strong from the North-Westward on the coast of Norway and light from North-West or West in Scotland. Over England, the Netherlands, France, and most of Ireland the general direction of the wind is between East and North-East. It is high at Dungeness and Jersey, and fresh or strong at most other places in the south. Temperature has risen decidedly on the east coast of Scotland, fallen in several parts of England and the nearer regions of the Continent. Over these islands it ranges from 47° at Lumburgh Head to 35° at Bath, and to below 30° in central Ireland. The weather is cloudy or overcast in many places in these islands and on the Continent, but in several localities the sky has little cloud. Rain has fallen at Thorshavn and Skudeness, and snow at Brest.

CHARTS 19th November, 1909.

2. Temperature and Weather at 7 A.M To Day.



Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b), 1: Wind mainly Westerly or North-Westerly, light, generally fair or fine; cold, frost at night.

2 (a, b), 3: Wind Easterly or North-Easterly, light or moderate, fair, fog or mist locally, rather cold, frost at night.

4 (a, b), 5: Easterly winds, strong on coast, moderate inland; generally fair; temperature rather low.

6 (a, b): Variable light winds, mostly fair, mist or fog locally; cold, frost at night.

7 (a, b): Light variable or Easterly winds; fair, mist or fog locally; cold, frost at night.

8 (a, b): Same as No. 5.

9 (a, b), 10 (a, b): Wind mainly Easterly, light or moderate; generally fair; rather cold, frost inland at night.

11 WESTERN CHANNEL AND BAY. Easterly and South Easterly winds, fresh or strong to moderate; sea rather rough; mostly fair, some sleet or snow showers.

Notes on Yesterday's Weather.

During yesterday temperature rose to 45° or above in several parts of England and Ireland, but remained below 40° in most parts of Scotland. During the night it fell to 24° at Birr Castle. Considerable or heavy falls of rain have occurred in several parts of France and Norway, and a few showers in some parts of these islands. Much bright sunshine was recorded over the Kingdom generally, the highest figure being 8 hours at Worthing. Wireless reports show that steamers experienced moderate to fresh or strong winds from some Easterly point, with cloudy weather as far west as the 20th meridian.

General Inference from the 7 A.M. Observations.

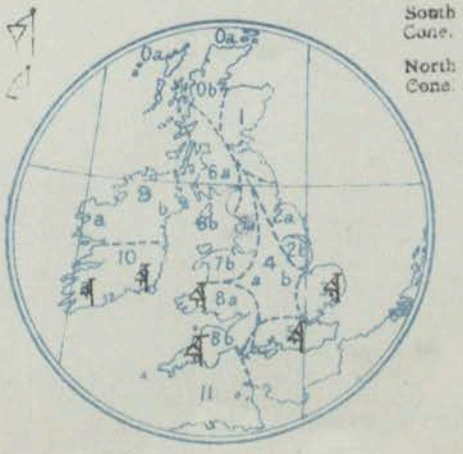
The anticyclone over these islands and the adjacent portion of the Atlantic will continue to dominate the weather over the greater part of the Kingdom during the ensuing twenty-four hours.

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 Cone. North Cone. South Cone. North Cone.



10·50

Weller & Graham, Ltd. Litho. London

DAILY WEATHER REPORT. Friday, 19th November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	43	32	x. b3	5.9	-
Dublin (City), to 4 p.m....	46	42	bc	*	-
Rossall Beach, to 6 p.m.	44	30	x. c	*	-
Blackpool, to 9 p.m. ...	43	30	bc. c	6.2	-
Southport, to 9 p.m. ...	43	30	b. bc	5.7	-
Rhyl, to 6 p.m....	43	26	b. c. b	3.7	0.01
Colwyn Bay, to 6 p.m. ...	43	35	bc. b. bc	3.5	-
Llandudno, to 9 p.m. ...	44	38	c. b. c. o	3.5	-
Bettws-y-Coed, to 6 p.m.	40	30	b. bc	1.5	*
Towyn, to 6 p.m.	45	40	b	6.9	-
Aberystwyth, to 6 p.m. ...	45	39	*	6.0	-
Plymouth, to 9 p.m. ...					
Torquay, to 6 p.m.	46	41	*	4.4	-
Weymouth, to 6 p.m. ...	47	33	b	7.5	-
Bournemouth, to 6 p.m. ...	46	35	b. bc	7.5	-
Southsea, to 6 p.m.	47	39		7.2	*
Bognor, to 6 p.m.	46	38	b	6.0	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	46	37	b. bc. b	8.0	-
Brighton, to 6 p.m. ...	46	37	*	7.1	-
Seaford, to 6 p.m. ...	44	36	b	3.6	-
Eastbourne, to 6 p.m. ...	45	36	*	6.7	-
Bexhill-on-Sea, to 9 p.m.	46	38	b	6.7	-
Hastings	*	*	*	6.7	-
Folkestone, to 6 p.m. ...	46	41	b. bc. b	6.6	-
Ramsgate, to 6 p.m. ...	*	*	*	5.9	-
Margate, to 6 p.m.	47	41	b	6.1	-
Felixstowe, to 6 p.m. ...	48	44	*	5.7	0.19
Lowestoft, to 6 p.m. ...	48	41	c. o. ap	4.6	0.01
Skegness, to 6 p.m.... ...	57	44	bc. c	1.8	-
Scarborough, to 9 p.m. ...	55	45	o. c	0.7	-
Harrogate, to 6 p.m. ...	41	34	bc. b	2.6	-
Buxton, to 6 p.m.	40	36	b. bc	1.2	-
Darwen, to 9 p.m.	41	33	bc. eq	2.3	-
Manchester, to 9 p.m. ...					
Birmingham, to 9 p.m....	44	36	o. c	0.1	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
18th Nov. 1909	°	°		Ins.
Madeira	not	received		
Marseilles	55	50	r. o	0.12
Malta	72	67	o	-
Algiers...	73	66	bc. r	-
Tunis	72	52	f. o	0.08
Palermo	72	60	o. o	-
Naples...	62	60	o. o	0.35
Brindisi	66	51	o. r	0.04
Rome	62	57	r. o	2.40
Vienna...	43	37	r. o	0.24
St. Petersburg	23	12	b. f	-

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
18th Nov. 1909	°	°		Ins.
Utrecht	41	28	b. b	-
Groningen	41	30	b. m	-
Zurich...	*	*	o. o	-
Geneva	*	*	o. r	0.20
Lugano		*	b. o	-
17th Nov. 1909.	1.20 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	39	*	m	0.16
Coire	39	*	bc	0.53
Castasegna...	43	*	b	0.20
Davos	28	*	b	0.39

WIRELESS TELEGRAMS.—Received during the 24 hours ended at 8.30 a.m. to-day.

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	Ins.				°	°	°	
Vaderland. Nov. 16th 3pm	50 N	23 W	29.73	ESE	8-9	-			*	
" " 6pm	50 N	24 W	29.70	ESE	8-9	c				
Victorian. Nov. 17th 4am	55 N	31 W	29.58	N	1-3	-				
" " 7am	56 N	30 W	29.59	NNE	1-3	o				
" " 3pm	56 N	26 W	29.80	SSW	4-5	-				
" " 6pm	56 N	25 W	29.87	SSW	4-5	o				
" 18th 4am	56 N	20 W	30.12	SSW	4-5	-				
" " 7am	56 N	19 W	30.18	SSE	1-3	o				
" " 3pm	56 N	14 W	30.32	z	o	-				
" " 6pm	56 N	13 W	30.36	N	1-3	o				
Lapland. Nov. 16th 3pm	49 N	28 W	29.32	E	6-7	-				
" 6pm	49 N	27 W	29.35	E	6-7	o				
" 17th 4am	49 N	24 W	29.57	ESE	6-7	-				
" " 7am	49 N	23 W	29.62	ESE	4-5	c				
" " 3pm	49 N	20 W	29.75	E	6-7	-				
" " 6pm	49 N	19 W	29.81	E	6-7	c				
" 18th 4am	49 N	16 W	29.89	E	6-7	-				
" " 7am	49 N	15 W	29.92	E	6-7	c				

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			
Lapland. Nov. 18th 3pm	49 N	13 W	29.88	ENE	6-7	r
" " 6pm	49 N	12 W	29.87	ENE	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.

(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 November, 1909.

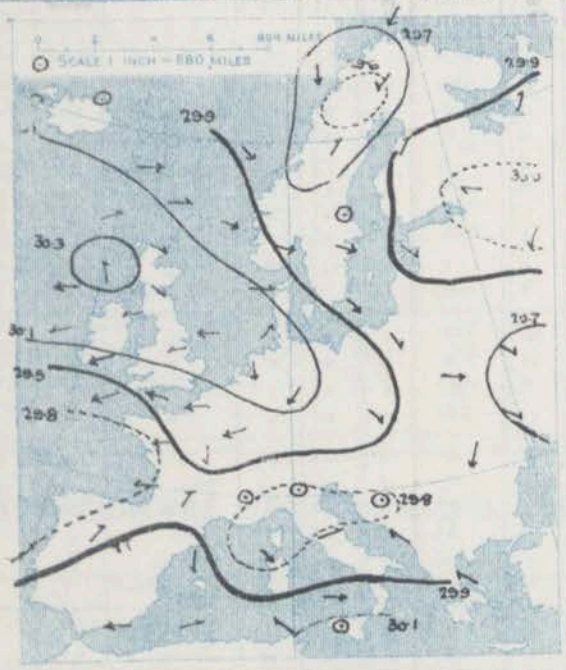
	STATIONS.	Yesterday Evening. Barom. At 32° Fahr. and M.S.L., Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	This Morning. Barometer. At 32° Fahr. and M.S.L., Lat. 45°	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 6).	Past 24 Hours. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.81	21	W	6	o	29.80	+.25	14	14	-12	2	0	c	*	34	18	*	*	-
	Hernösand	29.73	29	SW	8	o	29.75	+.13	23	22	-7	W	4	S	*	34	23	*	*	-
	Stockholm	29.61	31	W	4	o	29.68	-.15	28	26	+7	NNW	4	o	*	32	18	*	*	0.08
	Wisby...	29.61	37	NW	8	6	29.65	-.22	34	31	+1	NNW	8	o	*	37	25	*	*	-
	Karlstad	29.83	33	NW	4	8	29.79	+.01	23	23	-13	NW	2	6	*	*	*	*	*	-
	Færder (X'iania Fjord)	29.89	39	NW	3	6	29.71	-.07	36	33	-5	N	1	6	1	41	36	*	*	-
	Bodö	29.88	26	E	4	c	29.75	+.13	21	19	+15	E	6	6	2	36	16	*	*	-
	Christiansund ...	29.93	33	W	3	bc	29.73	-.16	38	37	-3	WSW	5	r	4	41	34	*	*	0.20
	Skudesnaes ...	30.01	37	NNE	2	6	29.75	-.22	42	41	-5	NW	8	o	4	41	36	c.6	*	0.43
ICELAND & FAEROE.	Isafjord	30.24	31	2	0	6	30.21	+.18	32	*	+1	2	0	r	*	*	*	*	*	*
	Reykjavik	30.23	38	2	0	o	30.30	+.24	39	*	+3	2	0	o	*	*	*	*	*	*
	Seydisfjord... ...	30.17	35	2	0	6	30.28	+.31	33	*	0	2	0	bc	*	*	*	*	*	*
	Thorshavn	30.02	47	SW	4	r	30.25	+.19	37	*	-9	NW	2	c	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.05	47	NW	3	o	30.10	+.03	40	36	+7	N	3	o	3	48	37	o	*	0.24
	Stornoway	30.26	43	WNW	3	c	30.27	-.01	41	40	-1	N	4	c	4	48	41	odp. cdp	0.0	0.20
	Castlebay (Barra Id.)	30.33	48	NW	2	o	30.30	-.02	47	45	+5	N	2	op	2	49	41	o. c. bc. op	0.0	0.01
	Malin Head ..	30.31	46	N	1	cg	30.27	-.08	48	47	+5	WNW	4	bc	2	48	41	bc	*	-
	Blacksod Pt. ...	30.32	41	E	4	6	30.37	+.09	40	39	+1	WSW	1	bc	1	43	34	bc	*	-
	Valencia	30.25	40	E	1	6	30.29	+.14	38	35	+1	E	2	6	3	45	36	6. bcm	7.1	-
	Roche's Point ...	30.24	42	E	3	c	30.28	+.13	39	37	-4	ENE	2	o	3	46	36	cg. c. bc. om	*	-
	Birr Castle ...	30.28	38	2	0	o	30.34	+.10	27	26	+1	2	0	6	*	43	25	6	3.0	-
	Donaghadee ...	30.31	45	NNW	2	6	30.28	-.02	41	41	-3	NW	2	bc	2	46	37	bc	*	-
	Liverpool Obsy...	30.28	40	NE	1	o	30.27	+.01	38	36	0	W	2	6	2	43	37	og	0.0	-
	Holyhead	30.24	43	2	0	om	30.27	+.03	38	38	-3	E	1	c	1	45	37	c. bm	*	-
	Pembroke (St. Ann's Hd.)	30.20	38	NE	3	6	30.28	+.11	37	36	0	NE	3	bmc	3	44	33	6. bc. bm	7.5	-
	Scilly (St. Mary's) ...	30.08	44	ENE	5	o	30.17	+.26	40	37	+2	ENE	4	c	2	47	38	o	0.0	-
	Jersey (St. Aubins) ...	30.08	38	ENE	5	o	30.16	+.20	35	34	-2	SE	1	6	1	40	32	cm. ogm. ogm	2.3	-
	Portland Bill ...	30.12	41	ENE	6	6	30.19	+.17	39	38	-1	NE	3	bm	4	44	37	bc	2.2	-
	Dungeness	30.13	42	ENE	6	bq	30.17	+.10	36	36	-3	N	3	f	3	42	30	bcq. sc. f	6.0	-
	Dover	*	*	*	*	*	30.19	+.02	38	37	+1	NNW	3	c	1	40	32	6. bc	8.2	-
	Wick	30.18	41	NW	3	c	30.18	-.02	41	38	+1	N	3	bc	3	45	38	-	*	0.28
	Nairn	30.24	40	WSW	1	o	30.19	-.05	41	40	+2	WSW	2	c	1	45	38	o. or. c	0.0	0.05
	Aberdeen	30.21	40	WNW	3	o	30.16	-.10	41	40	+4	NW	2	c	2	44	37	c. o. bc. o. op	0.1	0.01
	Leith	30.25	40	W	2	f	30.19	-.10	42	40	+7	W	2	bc	*	43	38	fg. cg. f	*	-
	North Shields ...	30.27	36	WNW	2	c	30.19	-.08	37	36	-1	W	3	c	3	46	33	c. bc	3.2	-
	Spurn Head ...	30.22	48	NW	3	c	30.17	-.05	39	37	-4	WNW	4	c	3	48	37	cw. c	*	-
	Yarmouth	30.22	41	NW	1	bcm	?30.19	-.01	37	36	-6	W	2	om	3	44	37	bc. bom. bcm	0.2	0.08
	Clacton-on-Sea ...	30.20	40	N	3	bc	30.19	+.02	38	37	-3	NW	2	c	1	44	36	c. bc. c. bc	1.7	-
	Nottingham ...	30.24	41	NE	3	c	30.22	.00	30	29	-6	WSW	1	cm	*	45	28	od. c. o	0.5	-
	Bath	30.20	36	2	0	o	30.26	+.10	29	29	-6	2	0	f	*	42	27	-	7.7	-
	Oxford	30.25	33	NNE	2	6	30.27	+.06	29	28	-4	WSW	2	bm	*	42	28	c. bm. f	*	-
	London (St. James's Pk)	30.19	42	E	3	bc	30.22	+.06	38	36	-1	N	1	bm	*	44	38	bc. c. bc	0.9	0.02
GERMANY, &c.	The Scaw (Skagen)	29.91	41	WNW	3	6	29.73	-.15	37	36	-6	W	1	o	1	46	34	*	*	-
	Fanö	30.00	37	NW	2	6	29.89	-.23	44	44	+5	SW	4	o	*	45	36	*	*	0.12
	Cuxhaven†... ...	30.09	36	WSW	4	6	29.99	-.20	40	97	+8	W	2	md	*	41	?32	*	*	0.02
	The Helder ...	30.17	43	W	1	bc	30.10	-.13	45	44	+11	NW	1	c	2	46	?34	*	*	0.08
	Brussels	*	*	*	*	*	30.18	+.03	25	25	-1	2	0	o	*	35	20	*	*	-
	Berlin†..	30.06	31	W	2	c	29.98		34	92		W	2	o	*	36	30	*	*	-
	Frankfurt†	30.18	26	NE	3	6	30.18	.00	19	89	-11	N	1	6	*	37	19	*	*	-
	Munich†	30.15	29	NE	4	o	30.16	-.01	26	100	-2	N	3	c	*	32	20	*	*	-
FRANCE.	C. Gris Nez ...	30.18	35	ENE	4	6	30.18	+.06	35	32	+5	S	1	o	1	41	28	*	*	-
	La Hève	30.11	31	ENE	3	m	?30.20	+.17	34	29	+4	E	1	m	1	37	28	*	*	-
	Brest	30.00	39	ENE	4	o	30.08	+.20	37	35	+2	ENE	4	c	3	43	34	*	*	-
	Lorient	?	36	ENE	5	o	?	?	35	34	-1	ENE	5	bc	3	41	32	*	*	-
	Rochefort	29.94	42	ENE	3	f	29.98	+.22	38	38	-1	ENE	4	f	*	43	36	m. f	*	0.04
	Biarritz	29.86	64	SSW	2	o	29.92	+.16	?57	55	+3	SE	3	o	2	66	?54	*	*	0.16
	Paris	30.10	34	NE	3	o	30.15	+.16	23	23	-9	NE	2	6	*	38	28	*	*	-
	Belfort...	30.08	32	ENE	6	m	30.15	+.11	30	30	0	ENE	3	f	*	34	29	*	*	-
	Lyons	30.04	41	NNW	6	o	30.10	+.18	40	40	+4	N	1	f	*	45	?36	*	*	0.08
	Nice	29.94	54	2	0	c	29.90	+.10	49	47	-4	2	0	bc	2	55	48	*	*	-
	Perpignan	29.74	56	NW	1	o	29.98	+.12	50	50	+3	SSW	1	o	*	60	?47	*	*	-
	Sauguinaire ...	?	59	W	2	m	?	?	59	55	-4	E	2	bc	4	66	50	*	*	-
SPANISH PENIN.	Corunna																	*	*	
	Lisbon																	*	*	
	Azores (P. Delgada)...														*			*	*	
	" Horta ...	29.67	59	N	4	6	29.73	+.37	59	54	-1	N	4	6	4	64	57	*	*	0.20

For NOTES see Page 4.

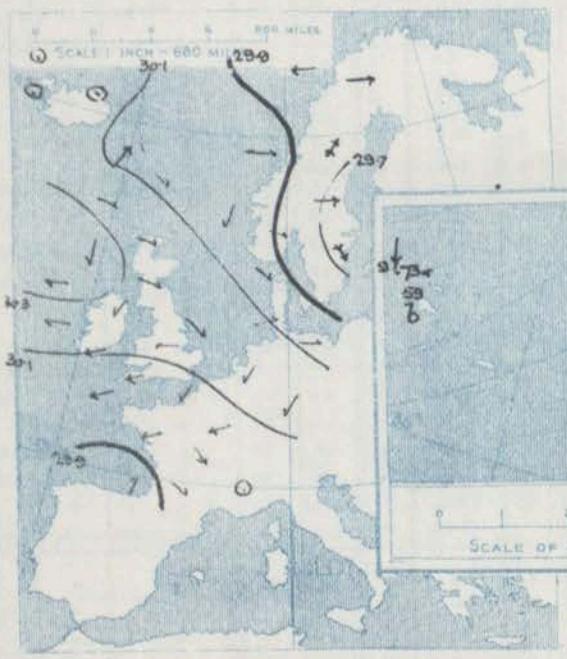
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND FOR 7 A.M. AND 6 P.M. YESTERDAY

Saturday, **WEATHER** 20th Nov.

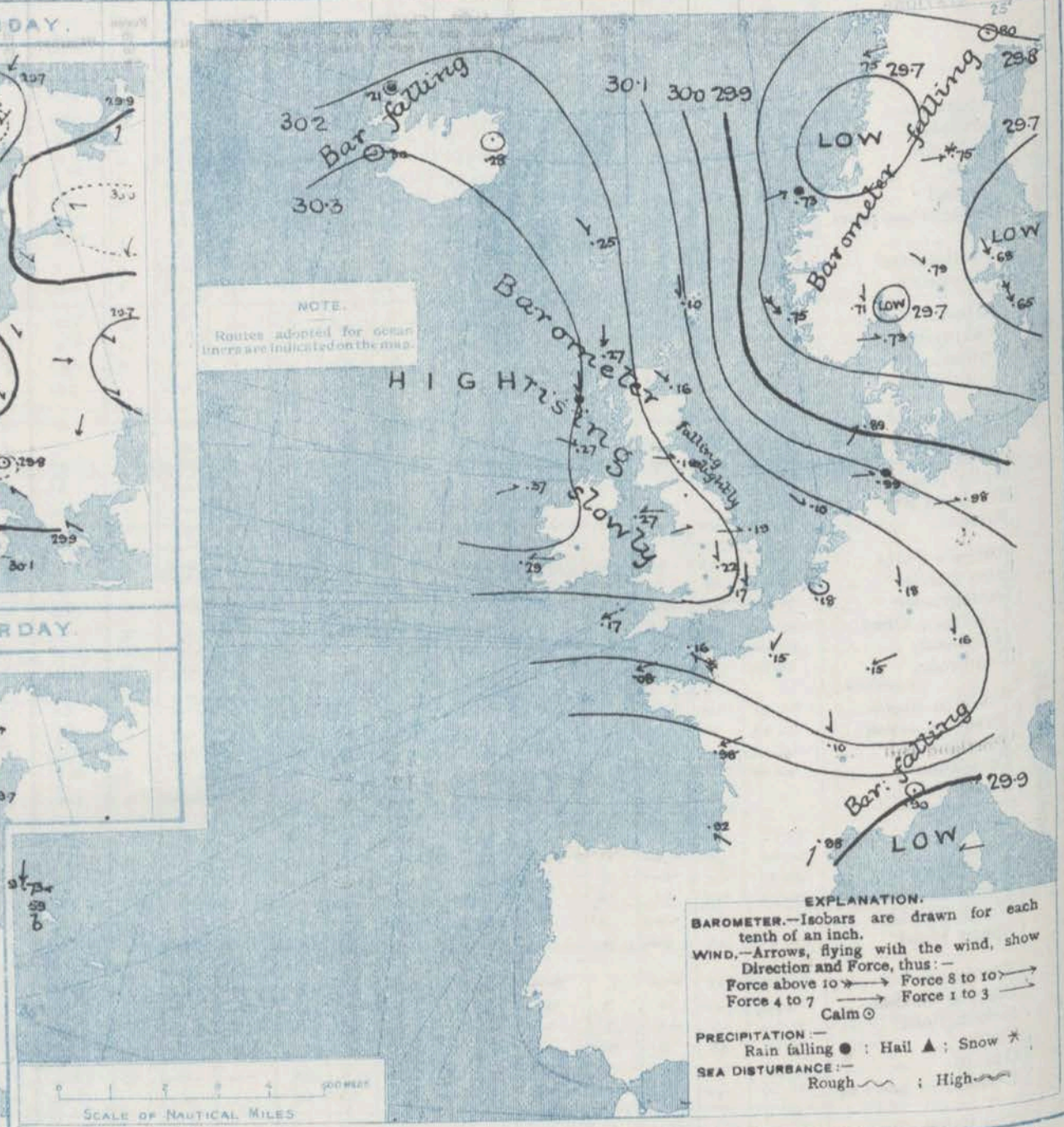
7 A.M. YESTERDAY.



6 P.M. YESTERDAY.



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



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

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

NOTES ON THE GENERAL SITUATION AT 7 A.M.

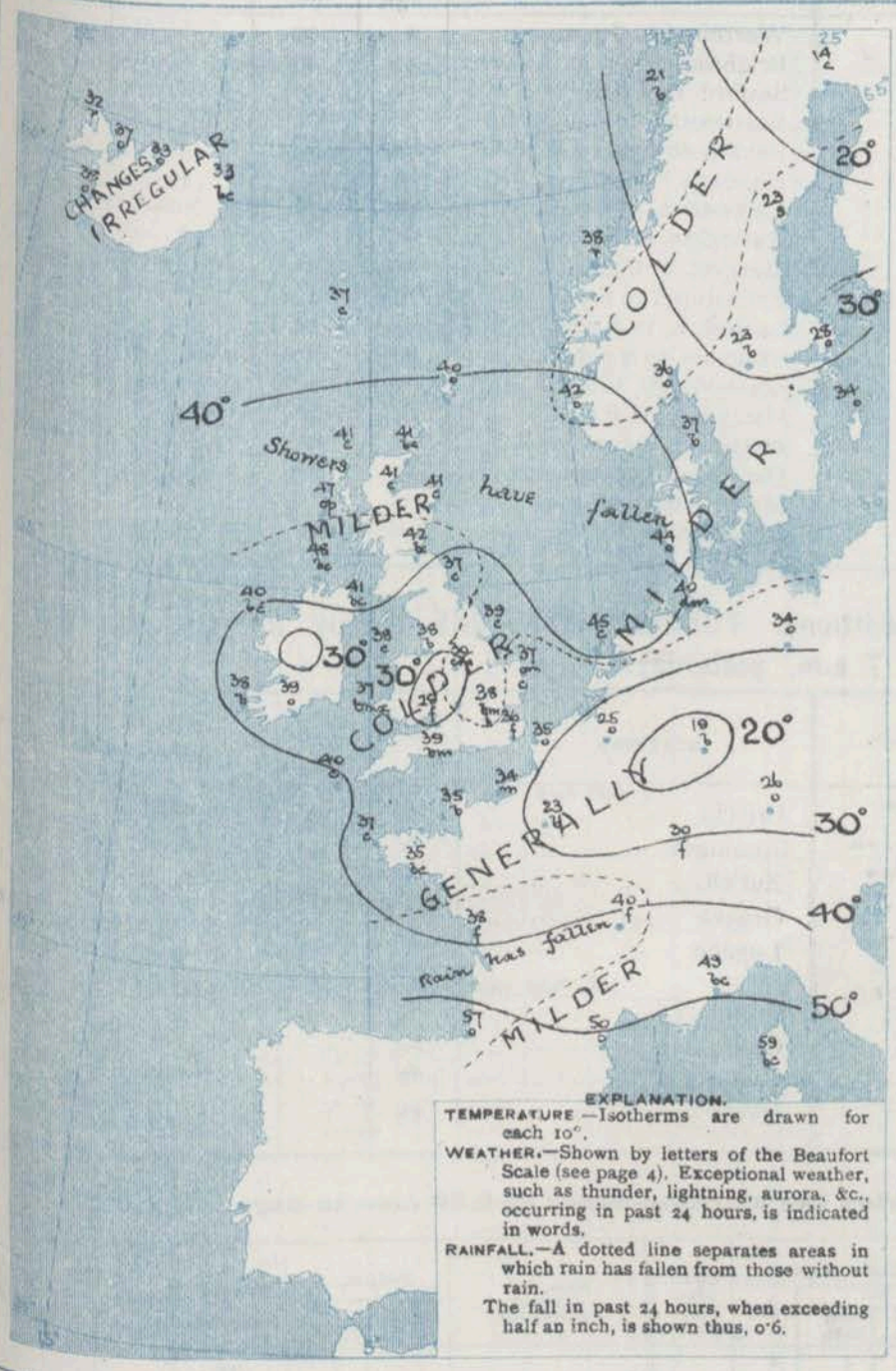
Pressure has given way since yesterday over Norway, the east and north-east of Great Britain, the North Sea, and Denmark, while it has increased in Iceland, the south-west of these islands, and over France. The readings now range from 30·3 ins. and above over the greater part of Ireland and the adjacent portion of the Atlantic to below 29·7 ins. in two rather shallow minima over Scandinavia, and also over the upper part of the Baltic.

The wind is N. by or N.W. by over Scotland, the eastern half of England, and the North Sea, and also over the southern half of Scandinavia. It blows with the force of a gale at Skudesnaes and Wisby, but elsewhere it is light or moderate. Over the south- and south-west of these islands and in France a light or moderate breeze from between N. and E. prevails.

Temperature has fallen in most parts of England and over a large portion of the Continent, risen somewhat in Scotland. Over these islands it ranges from 48° at Malin Head to 38° in the south-east of England and at Liverpool, and to below 30° at some places in the English Midlands and central Ireland. The weather is fair or fine in most parts of this country, France and Germany, but fog or mist is reported in some localities, and passing showers prevail at Castlebay. Over Scandinavia and Denmark there is much cloud, with rain at Christiansund and snow at Hernösand.

CHARTS 20th November, 1909.

2. Temperature and Weather at 7 A.M To Day.



Notes on Yesterday's Weather

Temperature rose to 45° or rather higher at some western and north-western stations, and at some places on the east coast, but only touched 40° at Jersey and Dover. Frost occurred during the night in inland districts, the lowest minimum reported in the screen being 25° at Birr Castle, and the lowest on the grass 21° at Oxford. Some rain has fallen in the north of these islands and at a few stations in the east and south-east. Many hours of bright sunshine were recorded in the southern parts of England, the highest being 8·2 hours at Dover.

General Inference from the 7 A.M. Observations.

It seems probable that the anticyclone will extend eastward and south-eastward during the ensuing twenty-four hours, but the east coasts of this country may be affected slightly by secondary disturbances over the North Sea.

10.51

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 — Wind between North and North-West, light or moderate; changeable, some local showers; temperature falling somewhat.

2 (a, b), 3, 4 (a, b) — Wind between West and North-West, light; mostly fair, but some local showers, mist or fog in places; rather cold, frost at night.

5 — Wind between North-West and North-East, light; generally fair or fine, mist or fog locally; cold, frost at night.

6 (a, b) — Northerly and North-Westerly winds, light or moderate; mostly fair, some mist; rather cold.

7 (a, b) — Northerly and North-Westerly winds, light; some fog or mist, otherwise fair; cold, frost at night.

8 (a, b) — North-Easterly winds, light or moderate; fair, mist or fog locally; rather cold, night frost inland.

9 (a, b), 10 (a, b) — Wind from some point between North-West and North-East, light, fair or fine, mist or fog locally; cold, night frost inland.

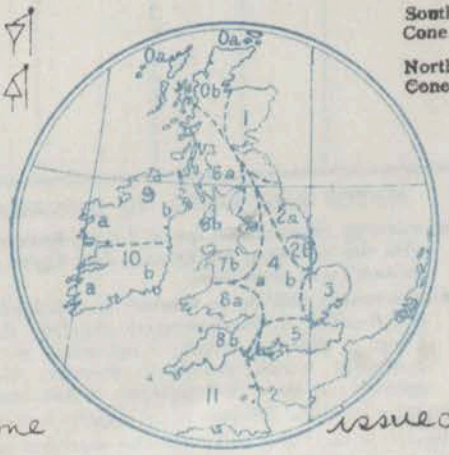
11 WESTERN CHANNEL AND BAY. North-Easterly winds, light or moderate; sea moderate or slight; generally fair, some mist.

Forecast Districts.

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

Signals hoisted yesterday. South Cone. North Cone.

Signals hoisted this morning. South Cone. North Cone.



None issued.

Weller & Graham, Ltd. Litho. London

DAILY WEATHER REPORT. Saturday, 20th November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	43	20	x.bc.m	1.6	-
Dublin (City), to 4 p.m....	47	44	c.o	*	-
Rossall Beach, to 6 p.m.	45	30	c	*	-
Blackpool, to 9 p.m. ...	45	31	o.c	3.1	-
Southport, to 9 p.m. ...	42	36	om.o.c	0.5	-
Rhyl, to 6 p.m....	40	37	b.c.o	0.0	-
Colwyn Bay, to 6 p.m. ...	43	36	m.o	0.0	-
Llandudno, to 9 p.m. ...	44	38	o	0.0	-
Bettws-y-Coed, to 6 p.m.	41	33	c	0.0	*
Towyn, to 6 p.m.	46	39	bc.b	3.5	-
Aberystwyth, to 6 p.m. ...	44	38	*	1.5	-
Plymouth, to 9 p.m. ...					
Torquay, to 6 p.m.	44	40	*	2.7	-
Weymouth, to 6 p.m. ...	43	35	b.bc.b	2.2	-
Bournemouth, to 6 p.m....	43	33	b.bc	7.3	-
Southsea, to 6 p.m.... ...	43	34	*	7.6	-
Bognor, to 6 p.m.	43	34	b	8.1	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	42	33	b	7.8	-
Brighton, to 6 p.m. ...	42	33	*	7.5	-
Seaford, to 6 p.m. ...	40	32	b.	7.0	-
Eastbourne, to 6 p.m. ...	44	37	*	7.3	-
Bexhill-on-Sea, to 9 p.m.	42	37	b	6.6	-
Hastings	*	*	*	8.1	*
Folkestone, to 6 p.m. ...	42	37	b.bc.b	7.7	-
Ramsgate, to 6 p.m. ...	*	*	*	7.4	-
Margate, to 6 p.m.... ...	45	38	b	7.3	-
Felixstowe, to 6 p.m. ...	47	41	*	2.8	-
Lowestoft, to 6 p.m. ...	44	39	c.o.c	0.1	-
Skegness, to 6 p.m.... ...	49	38	r.c.bc.r	5.3	0.04
Scarborough, to 9 p.m. ...	47	39	o.c.bc	0.0	-
Harrogate, to 6 p.m. ...	41	38	b.op.c.b	0.9	0.03
Buxton, to 6 p.m.	40	36	c.sh.c.b	1.1	-
Darwen, to 9 p.m.	41	32	o.r.cq.bc	0.3	0.02
Manchester, to 9 p.m. ...					
Birmingham, to 9 p.m....	42	35	c.o.bf	0.2	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
19th Nov. ... 1909.	°	°		Ins.
Madeira	not	received		
Marseilles	61	50	r. c	0.04
Malta	72	62	b	2.0
Algiers...	81	63	b. b	-
Tunis	73	52	bc. c	-
Palermo	71	63	b. b	-
Naples...	63	61	b. o	0.04
Brindisi	67	51	bc. bc	-
Rome	67	58	o. r	0.24
Vienna...	29	20	o. o	-
St. Petersburg	21	9	f. o	-

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
19th Nov. ... 1909.	°	°		Ins.
Utrecht	43	23	b. b	-
Groningen	41	27	b. m	-
Zurich...	*	*	s. o	0.16
Geneva	*		r. o	0.39
Lugano		*	o. bc	-
18th Nov. ... 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	30	*	3	0.04
Coire	36	*	c	-
Castasegna...	46	*	o	-
Davos	32	*	o	-

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

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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.

Sunday, 21st November, 1909.

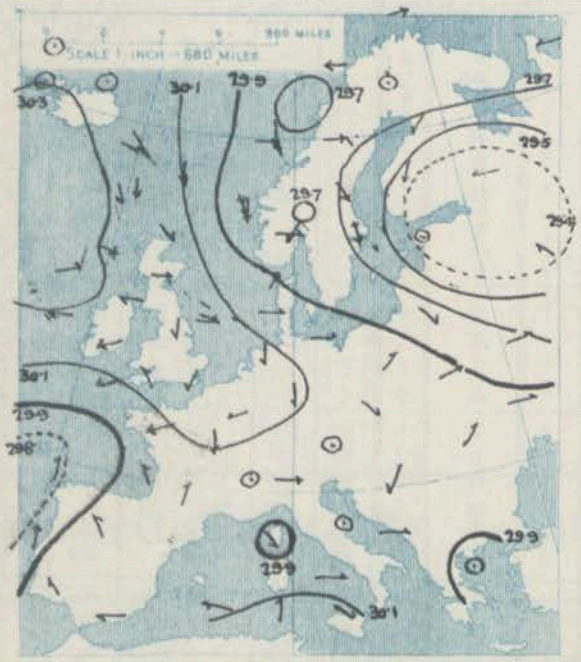
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.61	13	N	2	o	29.58	-.22	18	18	+4	W	4	o	*	25	10	*	*	–
	Hernösand	29.58	22	Z	o	o	29.56	-.19	22	21	-1	N	4	c	*	28	20	*	*	–
	Stockholm	29.53	23	N	2	o	29.45	-.23	22	21	-6	N	2	o	*	30	22	*	*	–
	Wisby...	29.52	33	NW	4	c	29.33	-.32	32	30	-2	ESE	4	S	*	37	28	*	*	0.12
	Karlstad	29.58	25	ENE	2	S	29.47	-.32	24	23	+1	ENE	2	S	*	*	*	*	*	0.04
	Færder (X'tania Fjord)	29.56	34	W	1	b	29.43	-.28	33	31	-3	NNE	4	bc	2	36	32	*	*	0.04
	Bodö	29.63	19	E	6	b	29.67	-.08	20	16	-1	E	4	bc	1	21	18	*	*	–
	Christiansund ...	29.61	40	NNW	6	S	29.67	-.06	32	31	-6	N	6	S	3	?40	30	*	*	0.59
	Skudesnaes ...	29.75	39	N	6	o	29.58	-.17	35	33	-7	N	6	c	2	?42	34	r.o	*	0.28
ICELAND & FAEROE.	Isafjord	30.27	42	SW	1	r	30.34	+.13	42	*	+10	SW	4	o	*	*	*	*	*	*
	Reykjavik	30.32	41	W	1	o	30.35	+.05	40	*	+1	Z	o	c	*	*	*	*	*	*
	Seydisfjord... ...	30.28	32	Z	o	S	30.34	+.06	31	*	-2	Z	o	S	*	*	*	*	*	*
	Thorshavn	30.23	35	WNW	3	r	30.23	-.02	34	*	-3	N	4	o	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.04	37	N	5	c	29.97	-.13	35	32	-5	N	4	c	4	40	32	c	*	0.04
	Stornoway	30.29	44	NNW	3	c	30.13	-.14	42	41	+1	NW	2	o	2	48	41	g.c.odp	0.6	0.124
	Castlebay (Barra Hd.)	30.32	43	N	3	bc	30.14	-.16	48	46	+1	NW	4	op	3	48	41	c.bc.op	2.4	0.01
	Malin Head ...	30.25	46	NE	2	cm	30.13	-.14	47	45	-1	NE	2	og	2	49	44	bc.cm.og	*	–
	Blacksod Pt. ...	30.28	45	NNE	2	bcp	30.18	-.19	45	43	+5	NNE	2	c	2	50	?34	bc	*	–
	Valencia	30.24	42	E	1	b	30.11	-.18	37	36	-1	Z	o	b	3	47	35	bm. b	6.8	–
	Roche's Point ...	30.24	40	E	2	b	30.12	-.16	37	37	-2	N	2	b	2	48	36	om.bz.bx	*	–
	Birr Castle ...	30.26	38	Z	o	c	30.15	-.19	28	27	+1	Z	o	of	*	44	26	bc.c	5.9	–
	Donaghadee ...	30.24	47	NNW	2	c	30.11	-.17	46	46	+5	NNE	2	bc	2	49	36	c.o.bc	*	–
	Liverpool Obsy...	30.20	45	W	1	r	30.07	-.20	38	35	0	NW	2	b	1	47	36	b.o.or	4.7	0.02
	Holyhead	30.20	49	NW	3	cdp	30.07	-.20	46	43	+8	NE	4	bc	3	49	38	c.cdp	*	–
	Pembroke (St. Ann's Hd.)	30.19	43	NE	2	b	30.05	-.20	43	42	+6	NE	2	bw	2	48	35	bmx, bm	7.4	–
	Scilly (St. Mary's) ...	30.15	41	ENE	5	c	30.03	-.14	40	38	0	NE	3	c	2	48	39	c	4.0	–
	Jersey (St. Aubins) ...	30.15	39	NE	3	b	30.01	-.15	35	34	0	WNW	1	b	1	45	31	bm. b. bmx	3.7	–
	Portland Bill ...	30.14	41	NNE	2	b	30.01	-.18	39	38	0	N	1	b	2	46	37	b	6.5	–
	Dungeness	30.11	35	NNW	2	b	29.94	-.23	31	30	-5	NW	2	m	2	46	30	f.bc.bum	5.8	–
	Dover	*	*	*	*	*	29.94	-.25	33	32	-5	NNW	3	b	1	47	33	b.bc.b	6.5	–
	Wick	30.17	40	N	3	c	30.02	-.16	38	35	-3	N	4	c	3	42	35	–	*	0.05
	Nairn	30.23	39	W	1	c	30.06	-.13	40	39	-1	WSW	2	o	1	43	37	c.o.c	2.8	0.04
	Aberdeen	30.17	39	WNW	3	c	30.00	-.16	38	37	-3	NNW	3	c	2	43	38	bc.cp	2.5	0.15
	Leith	30.19	42	NW	1	c	30.00	-.19	36	35	-6	NW	1	o	*	46	35	bc.c.bz	*	–
	North Shields ...	30.20	37	WNW	3	c	29.98	-.21	37	35	0	WNW	4	c	3	46	34	c	1.4	–
	Spurn Head ...	30.11	43	NW	4	o	29.91	-.26	38	36	-1	NW	5	c	4	44	37	om.op.bem	*	–
	Yarmouth	30.09	43	WNW	2	odpm	29.87	-.32	40	39	+3	WNW	4	o	4	46	37	bc.odpm	4.4	0.12
	Clacton-on-Sea ...	30.11	37	WNW	2	b	29.92	-.27	33	32	-5	NW	4	b	1	45	33	c.bc.bmx	6.8	–
	Nottingham ...	30.16	43	SW	3	b	30.00	-.22	32	31	+2	W	1	bm	*	45	29	c.bm.b.bc	2.5	–
	Bath	30.19	30	Z	o	f	30.02	-.24	33	33	+4	Z	o	f	*	37	27	–	4.3	–
	Oxford	30.17	35	NNW	2	bc	30.02	-.25	33	33	+4	NW	2	f	*	45	29	bm.f.bm.f	*	–
	London (St. James's Pk)	30.14	38	Z	o	bm	29.98	-.24	31	31	-7	NW	2	bx	*	44	31	bm. bmx	0.0	–
GERMANY, &c.	The Scaw (Skagen)	29.55	36	NE	2	c	29.39	-.34	39	33	+2	NNE	4	c	1	39	34	*	*	0.12
	Fanö	29.63	40	NNW	6	b	29.45	-.44	36	35	-8	NNW	2	c	*	46	34	*	*	0.12
	Cuxhaven†... ...	29.80	42	NW	6	r	29.52	-.47	39	90	-1	NW	4	org	*	45	37	*	*	0.39
	The Helder ...	29.96	44	N	4	c	29.73	-.37	41	39	-4	N	5	bc	3	48	41	*	*	0.08
	Brussels	*	*	*	*	*	29.84	-.34	37	37	+12	WNW	1	r	*	38	25	*	*	0.04
	Berlin†..	29.72	37	W	3	r	29.49	-.39	35	90	+1	W	3	o	*	37	34	*	*	0.08
	Frankfurt†	30.00	32	SW	5	o	29.73	-.45	36	93	+17	SW	4	r	*	36	19	*	*	0.04
	Munich†	30.06	30	W	2	o	29.80	-.36	31	90	+5	SW	5	o	*	32	26	*	*	–
FRANCE.	C. Gris Nez ...	30.13	44	NW	1	b	29.95	-.23	40	38	+5	NNW	5	b	5	45	35	*	*	0.08
	La Hève	30.17	38	NE	2	m	?29.97	-.23	36	35	+2	ENE	1	f	0	43	34	*	*	–
	Brest	30.08	40	ENE	5	o	30.01	-.07	38	37	+1	E	3	b	2	43	36	*	*	–
	Lorient	?	37	ENE	5	bc	?	?	37	36	+2	ENE	4	b	2	37	32	*	*	–
	Rochefort	29.97	39	ENE	4	o	29.84	-.14	32	32	-6	ENE	5	o	*	45	32	o	*	–
	Biarritz	29.88	62	Z	o	b	29.71	-.21	47	46	-10	SE	5	o	2	68	45	*	*	–
	Paris	30.12	28	NNE	1	b	29.96	-.19	26	26	+3	SSE	2	o	*	37	23	*	*	–
	Belfort...	30.10	31	E	4	f	29.94	-.21	30	30	0	W	4	f	*	33	30	*	*	–
	Lyons	30.07	39	NNW	1	f	29.95	-.15	36	36	-4	N	1	o	*	40	36	*	*	–
	Nice	29.86	53	E	3	o	29.66	-.24	48	46	-1	E	3	bc	2	59	48	*	*	–
	Perpignan	29.88	52	Z	o	o	29.79	-.19	51	51	+1	SW	1	o	*	60	48	*	*	–
	Sanguinaire ...																	*	*	
SPANISH PENIN.	Corunna	29.77	65	SSE	1	o	29.66	-.12	56	55	-5	SSE	1	o	2	68	55	*	*	–
	Lisbon	29.74	62	S	4	r	29.67	-.12	60	58	-4	SW	4	c	*	68	57	*	*	1.06
	Azores (P. Delgada)...	29.75	58	WNW	3	b	29.79	+.17	58	53	+2	WNW	4	bc	3	63	55	*	*	0.08
	,, Horta ...	29.82	58	N	3	o	29.83	+.10	58	54	-1	W	3	c	2	64	54	*	*	0.12

For NOTES see Page 4.

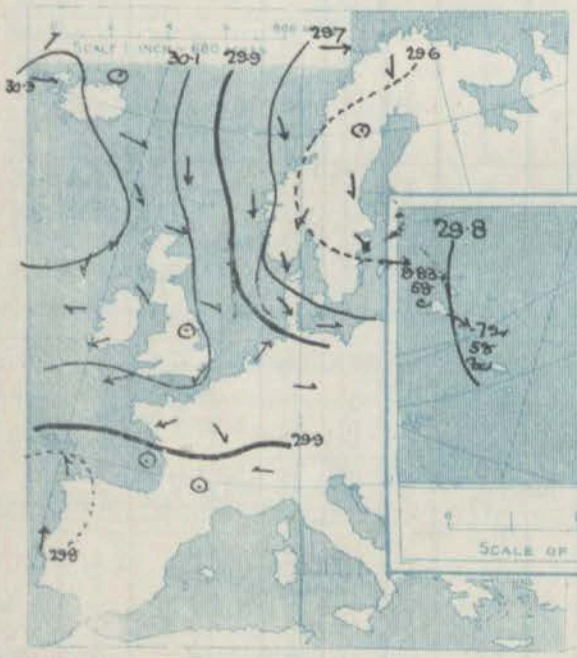
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND FOR 7 A.M. AND 6 P.M. YESTERDAY

Sunday, **WEATHER** 21st Nov.

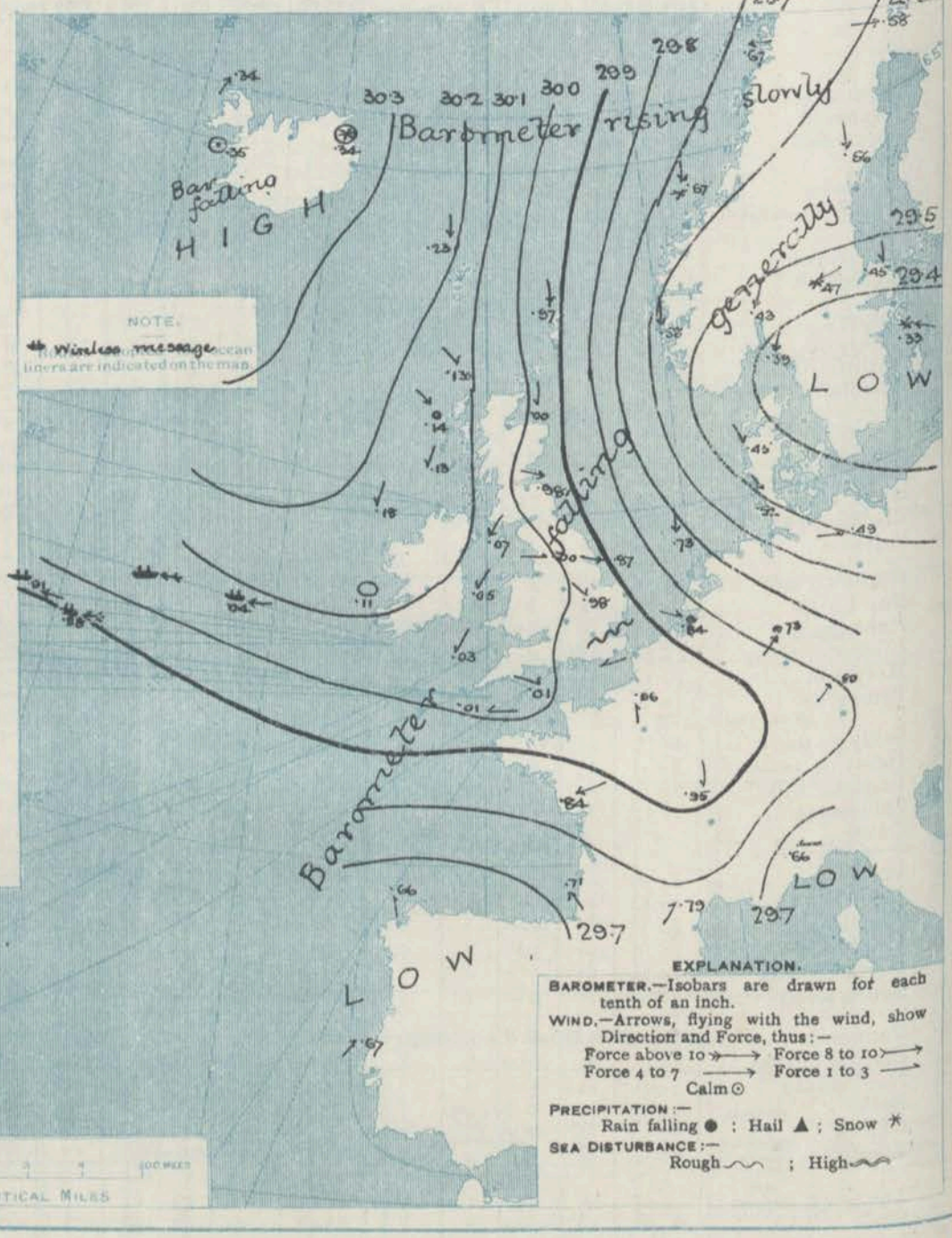
7 A.M. YESTERDAY.



6 P.M. YESTERDAY.

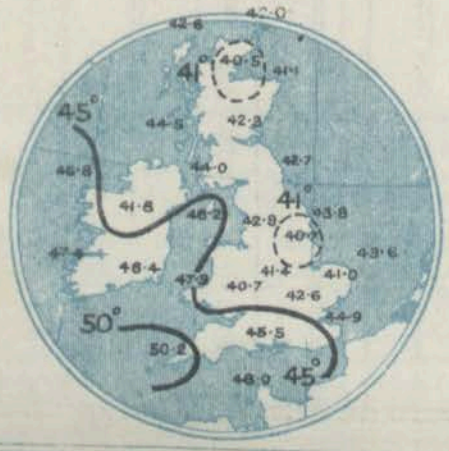


1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



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

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



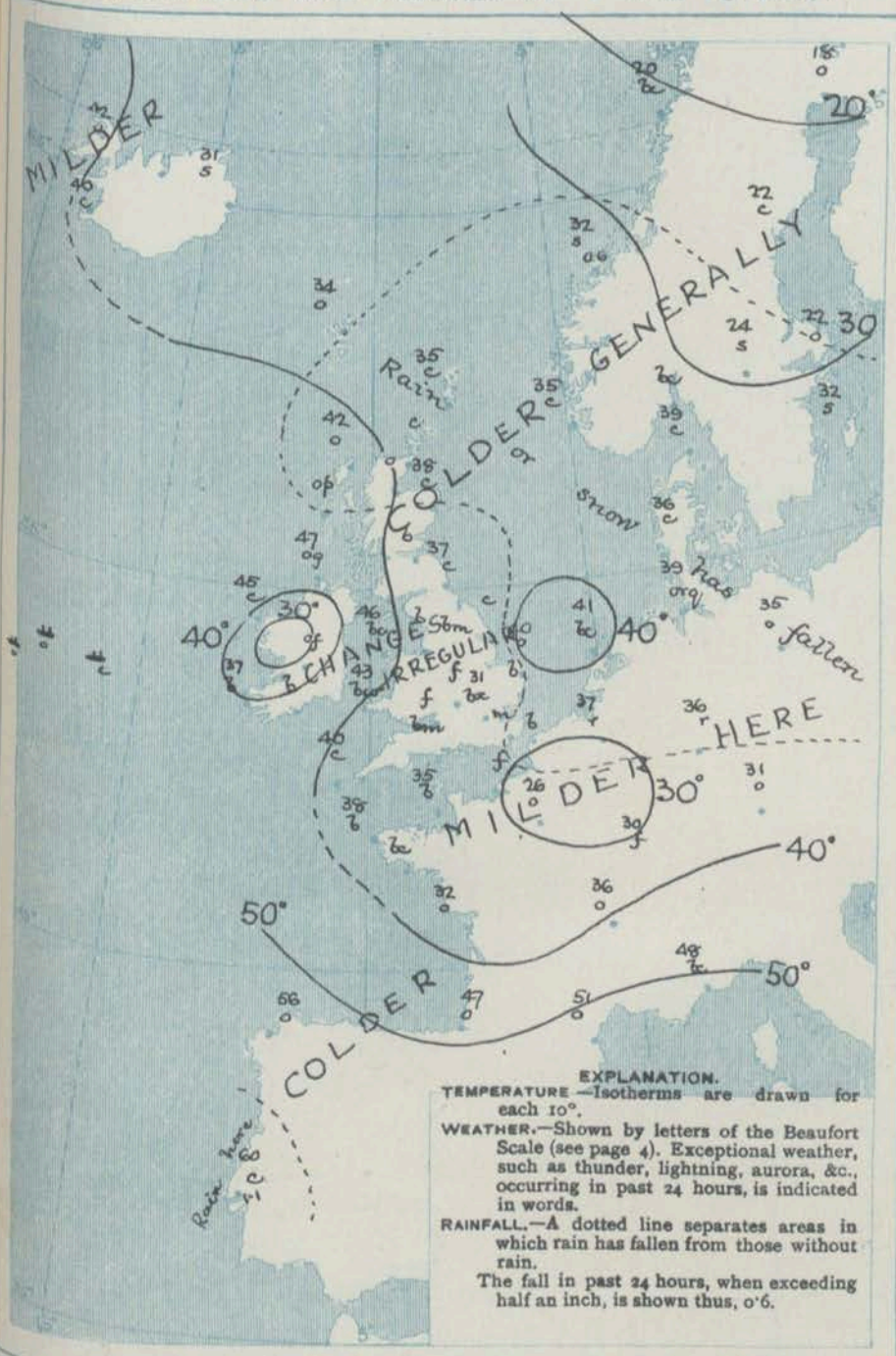
NOTES ON THE GENERAL SITUATION AT 7 A.M

The depression noticed yesterday over the north of Scandinavia is now moving southward across the south of Sweden and the Baltic, and is at the same time extending laterally in a westerly direction. A general fall of the barometer is therefore in progress over Western Europe, and over the North Sea the barometric gradient is rather steep. A large anticyclone with readings above 30.3 ins. covers Iceland and all neighbouring parts of the Atlantic.

Northerly or North Westerly breezes are reported over north Western Europe generally, and blow strongly on the Norwegian coast. In Germany the wind draws into West and South West, while in the west and south of France it is chiefly Easterly. Temperature is above 45° on our own north Western coasts, but below the freezing point over the central and south-eastern portions of England and also over central Ireland. Frost prevails also in central France, and hard frost in Scandinavia. The weather is fair or fine over the United Kingdom generally, but fog prevails at some of the more central stations, and showers are falling in the Hebrides. On the Continent the sky is cloudy, with rain at Brussels and Swinefort, and snow in several parts of Scandinavia. The sea is moderate off the East of England, slight or smooth elsewhere.

CHARTS 21st November, 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.

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}

11 WESTERN CHANNEL AND BAY.

None issued.

Notes on Yesterday's Weather.

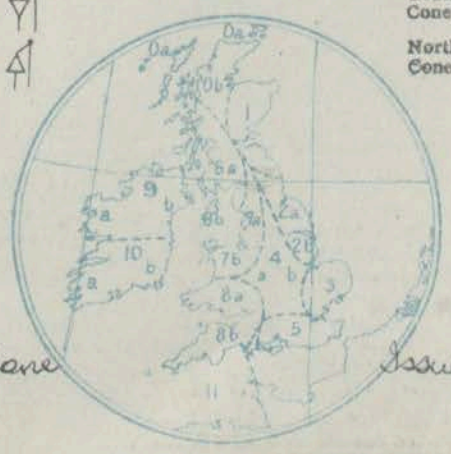
The maximum temperatures recorded over the United Kingdom yesterday ranged, as a rule, a little on either side of 45°, but at Scarborough and Blackwood Point the thermometer touched 50°; at Manchester and Bath, where fog prevailed it did not reach 40°. More than 6 hours of sunshine were recorded on many parts of our western and southern coasts; in the north the duration was small. Rain has fallen in the north of Scotland. Wireless reports from the Atlantic show that between the 15th & 20th meridians ships experienced yesterday strong winds or gales from the eastward and dull weather.

General Inference from the 7 A.M. Observations.

Forecast Districts.

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

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



None issued.

Weller & Graham Ltd Litho, London

DAILY WEATHER REPORT Sunday 21st November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather	Sunshine. Hrs.	Rainfall. Ins.
	°	°			
Oban, to 6 p.m.	50	28	b	5.3	0.06
Dublin (City), to 4 p.m....	46	33	o.bc.c.ew	*	-
Rossall Beach, to 6 p.m.	47	27	x.bc.c.	*	-
Blackpool, to 9 p.m. ...	46	28	m.c	5.7	-
Southport, to 9 p.m. ...	46	28	cm.b.c	5.4	-
Rhyl, to 6 p.m....	47	28	b.o.c.o	3.0	0.01
Colwyn Bay, to 6 p.m. ...	48	43	b	4.0	-
Llandudno, to 9 p.m. ...	48	31	o.bc.m	3.0	-
Bettws-y-Coed, to 6 p.m.					
Towyn, to 6 p.m.	48	24	b	5.6	-
Aberystwyth, to 6 p.m. ...	45	32	*	6.3	-
Plymouth, to 9 p.m. ...	47	36	b	7.5	-
Torquay, to 6 p.m.	49	36	*	5.8	-
Weymouth, to 6 p.m. ...	49	33	bc.b	6.5	-
Bournemouth, to 6 p.m....	47	30	b	7.4	-
Southsea, to 6 p.m.					
Bognor, to 6 p.m.	48	33	b.bm	7.1	-

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
	°	°			
Worthing, to 6 p.m. ...	48	32	b.bm	6.8	-
Brighton, to 6 p.m. ...					
Seaford, to 6 p.m. ...	47	29	b	6.2	-
Eastbourne, to 6 p.m. ...					
Bexhill-on-Sea, to 9 p.m.	49	33	f.bm	5.4	-
Hastings	*	*		5.8	-
Folkestone, to 6 p.m. ...	45	30	bm.bc.b	5.2	-
Ramsgate, to 6 p.m. ...	*	*	*	4.1	-
Margate, to 6 p.m.	45	38	b	4.8	-
Felixstowe, to 6 p.m. ...	45	34	*	6.7	-
Lowestoft, to 6 p.m. ...					
Skegness, to 6 p.m.... ...	47	34	r.c.bc.c	5.0	0.03
Scarborough, to 9 p.m. ...	50	37	o.c	3.5	0.03
Harrogate, to 6 p.m. ...	47	32	b.c.b	3.0	-
Buxton, to 6 p.m.	43	26	b.bx.b.bc	6.6	-
Darwen, to 9 p.m.	47	32	bcu.c	5.2	-
Manchester, to 9 p.m. ...	35	28	og.m.f	0.0	-
Birmingham, to 9 p.m....	45	30	f.o.c.o	4.0	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
20th November 1909.	°	°		Ins.
Madeira				
Marseilles	63	45	o. c	-
Malta	74	62	bc	-
Algiers...	79	59	bc. bc	-
Tunis	75	48	bc. bc	-
Palermo	73	60	bc. b	-
Naples...	67	57	b. o	-
Brindisi	?	?	r. c	-
Rome	67	52	c. o	0.32
Vienna...	34	27	o. bc	-
St. Petersburg	23	7	s. m	0.08

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
20th November 1909.	°	°		Ins.
Utrecht	41	25	b. m	-
Groningen	39	30	b. m	-
Zurich...	*	*	o. o	0.20
Geneva	*	*	r. o	0.28
Lugano	*	*	o. bc	0.08
19th November 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	32	*	o	0.32
Coire	39	*	o	0.08
Castasegna...	45	*	b	-
Davos	34	*	b	0.08

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	Ins.				°	°	°	
Saxonia 18th/Nov. 4am	51N	14W	30.03	E	6.7	-	-	-	-	-
- 7am	51N	15W	30.07	E	6.7	b	-	-	-	-
- 3pm	51N	18W	30.12	E	6.7	-	-	-	-	-
- 6pm	51N	20W	30.13	E	6.7	bc	-	-	-	-
Teutonic 19th - 4am	51N	14W	30.07	ENE	6.7	-	-	-	-	-
- 7am	51N	16W	30.11	ENE	6.7	bc	-	-	-	-
Montrose 20th - 4am	50N	13W	29.98	ENE	8.9	-	-	-	-	-
- 7am	50N	14W	29.89	ENE	7.8	o	-	-	-	-
New York 18th - 4am	49N	33W	29.36	SE	8.9	-	-	-	-	-
- 7am	49N	31W	29.44	SE	8.9	o	-	-	-	-
? 3pm	49N	28W	29.77	ESE	8.9	-	-	-	-	-
? 6pm	49N	27W	29.92	E	8.9	c	-	-	-	-
19th - 4am	49N	22W	29.99	ENE	8.9	-	-	-	-	-
- 7am	49N	21W	29.93	ENE	8.9	c	-	-	-	-

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			
New York 19th Nov. 3pm	49N	19W	30.06	ENE	8.9	-
- 6pm	49N	18W	30.08	NE	8.9	o
20th - 4am	49N	14W	30.02	NE	8.9	o
- 7am	49N	13W	30.01	NE	8.9	-
- 3pm	49N	11W	30.01	ENE	6.7	o
- 6pm	49N	9W	30.04	ENE	6.7	-
Caledonia 19th - 4am	53N	29W	30.28	SSE	4.5	b
- 7am	54N	28W	30.35	SSE	4.5	-
- 3pm	54N	24W	30.52	ESE	4.5	b
- 6pm	54N	23W	30.54	ENE	4.5	-
20th - 4am	54N	18W	30.51	NE	4.5	b
- 7am	54N	17W	30.52	NE	6.7	-
- 3pm	55N	13W	30.43	NE	4.5	o
- 6pm	55N	12W	30.43	NNE	6.7	-
Empress of Britain 20th - 10am	51N	9W	30.28	ENE	1-3	o
- 1pm	51N	10W	30.26	ENE	4.5	-
- 3pm	51N	11W	30.23	ENE	4.5	o
- 6pm	51N	13W	30.22	ENE	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.

(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 November, 1909.

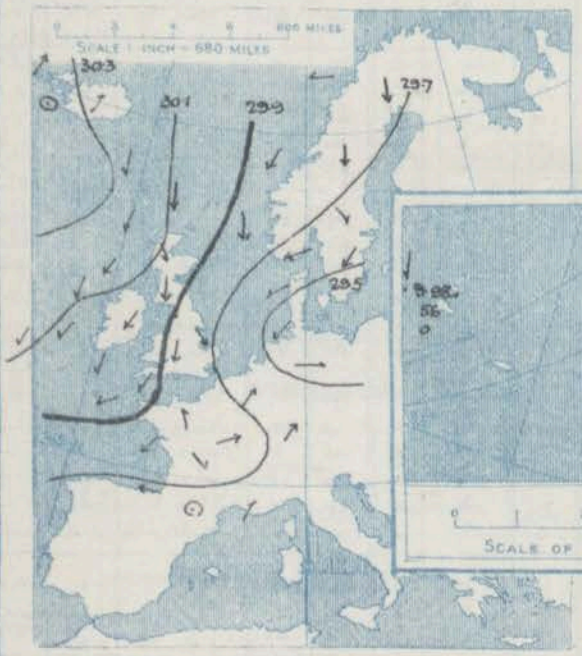
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine	Rainfall.
		Ins.	°				Ins.	In.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.71	16	N	4	0	29.95	+.37	11	11	-7	N	2	0	*	18	5	*	*	-
	Hernösand ...	29.76	19	N	6	6	29.94	+.38	21	21	-1	N	2	0	*	?	18	*	*	-
	Stockholm ...	29.62	23	NW	2	5	29.76	+.31	21	21	-1	NNW	4	0	*	23	19	*	*	0.04
	Wisby...	29.50	31	NE	6	c	29.61	+.28	30	27	-2	NE	8	0	*	34	25	*	*	0.08
	Karlstad ...	29.74	23	NNE	2	0	29.91	+.44	20	18	-4	N	4	0	*	*	*	*	*	0.04
	Færder (X'tiania Fjord)	29.72	29	NNE	6	c	29.91	+.48	24	21	-9	NNE	6	6	2	32	23	*	*	-
	Bodö	29.86	30	E	4	6	30.03	+.38	18	15	-2	E	2	6	1	20	15	*	*	-
	Christiansund ...	29.88	32	NE	4	5	30.03	+.36	33	32	+1	2	0	c	4	?34	30	*	*	0.59
	Skudesnaes ...	29.80	34	N	4	6	29.92	+.34	30	28	-5	N	2	6	1	36	30	c, b	*	-
ICELAND & FAEROE	Isafjord	30.32	41	SW	7	c	30.21	-.13	38	*	-4	W	2	6	*	*	*	*	*	*
	Reykjavik	30.38	40	2	0	0	30.26	-.09	36	*	-4	2	0	c	*	*	*	*	*	*
	Seydisfjord... ...	30.26	41	SW	3	0	30.20	-.14	38	*	+7	SW	1	6	*	*	*	*	*	*
	Thorshavn	30.29	33	N	3	0	30.28	+.05	33	*	-1	2	0	0	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.03	34	N	5	c	30.12	+.15	34	32	-1	N	3	bc	4	36	31	bc.b	*	0.01
	Stornoway	30.22	38	NNE	4	0	30.28	+.15	36	35	-6	NNE	4	c	4	42	35	c.cdp.o.c	0.7	0.03
	Castlebay (Barra Id.)	30.20	40	ENE	2	op	30.28	+.14	38	36	-10	N	3	op	3	48	37	p.o.bc.op	4.4	0.04
	Malin Head ...	30.12	44	NE	5	cq	30.22	+.09	41	40	-6	N	3	c	3	49	39	cpq. bc	*	0.02
	Blacksod Pt. ...	30.10	47	NNE	1	0	30.23	+.05	40	36	-5	ESE	3	0	3	47	31	o.c.cp	*	0.01
	Valencia	30.06	41	NE	2	6	30.11	.00	39	36	+2	ENE	4	6	3	47	35	bc	6.8	-
	Roche's Point ...	30.05	42	N	2	bc	30.14	+.02	39	36	+2	N	3	c	3	45	35	bq.b.bc.c	*	-
	Birr Castle ...	30.05	36	WSW	2	r	30.20	+.05	32	31	+4	N	2	c	*	42	28	bc.u.b	1.5	0.01
	Donaghadee ...	30.07	44	NNE	4	c	30.20	+.09	42	41	-4	NNE	4	c	3	51	40	bc.g.bc	*	-
	Liverpool Obsy...	30.03	37	NNE	2	b	30.13	+.06	35	33	-3	N	3	b	4	45	33	bc.o.b	2.3	-
	Holyhead	29.98	44	NE	4	r	30.14	+.07	42	39	-4	ENE	4	bc	3	48	39	c.r.	*	0.34
	Pembroke (St. Ann's Hd.)	29.96	46	N	2	c	30.10	+.05	36	34	-7	NE	2	bc	3	49	34	bcw.cg	5.3	0.04
	Scilly (St. Mary's) ...	29.92	47	NNE	3	c	29.97	-.06	42	39	+2	NE	3	c	2	50	38	c	6.0	-
	Jersey (St. Aubins) ...	29.93	42	NE	3	b	29.99	-.02	40	36	+5	NE	3	bc	3	48	35	bc.bem	5.5	-
	Portland Bill ...	29.91	42	N	2	bm	30.00	-.01	34	33	-5	N	4	bm	3	45	32	c.bm	5.1	-
	Dungeness	29.82	42	NW	3	c	?29.93	-.01	31	30	0	N	4	b	3	44	30	3.m.bc x	5.4	-
	Dover	*	*	*	*	*	29.93	-.01	34	33	+1	N	3	0	4	43	32	b;bc.c.o	6.1	-
	Wick	30.14	36	NNE	4	c	30.19	+.17	38	35	0	NE	2	c	3	39	35	-	*	0.04
	Nairn	30.15	37	NNW	3	0	30.20	+.14	37	35	-3	NNW	3	c	2	40	36	o.oq.o	0.4	0.03
	Aberdeen	30.08	36	NNW	3	c	30.16	+.16	36	35	-2	NNW	3	c	3	39	36	bcph.cph	1.9	0.03
	Leith	30.07	39	N	4	c	30.14	+.14	37	35	+1	NNW	4	b	*	43	36	o.bc.c	*	-
	North Shields ...	29.99	38	N	6	crhp	30.09	+.11	36	35	-1	NNW	5	c	6	42	34	crhp	1.0	0.15
	Spurn Head ...	29.87	41	N	7	cqh	29.97	+.06	39	36	+1	NNW	6	cqh	6	41	35	cphq.cphq	*	0.19
	Yarmouth	29.78	41	NW	4	bcpq	29.90	+.03	40	36	0	NNW	4	cpq	5	44	37	bc.cpq	2.0	0.18
	Clacton-on-Sea ...	29.83	40	NW	4	c	29.93	+.01	34	33	+1	NW	3	bc	2	42	32	bc.c.bc	5.0	-
	Nottingham ...	29.94	38	N	5	b	30.05	+.05	34	33	+2	NNW	3	bm	*	45	31	cm.c.b	0.8	-
	Bath	29.94	35	NE	1	m	30.07	+.05	33	31	0	2	0	b	*	44	28	-	4.8	-
	Oxford	29.97	37	N	3	b	30.07	+.03	31	30	-2	NNW	2	b	*	44	31	b.c.b	*	-
	London (St. James's Pk)	29.88	42	N	4	c	29.98	.00	34	32	+3	N	3	b	*	44	31	bc.bc.c bc	1.0	-
GERMANY, &c.	The Scaw (Skagen)	29.65	30	ENE	5	0	29.86	+.47	28	27	-11	NNE	4	0	1	36	28	*	*	0.03
	Fanö	?	31	NE	4	0	29.81	+.36	29	28	-7	NE	3	c	*	39	28	*	*	-
	Cuxhaven†... ...	29.43	37	NE	3	bc	29.73	+.21	33	92	-6	N	4	0	*	41	32	*	*	0.04
	The Helder ...	29.60	40	N	7	c	29.83	+.10	38	37	-3	ENE	5	c	3	45	36	*	*	0.32
	Brussels	*	*	*	*	*	29.84	.00	32	22	-5	NW	1	5	*	41	33	*	*	0.16
	Berlin†..	29.43	34	W	2	8	29.57	+.08	30	92	-5	NNW	2	b	*	37	28	*	*	0.04
	Frankfurt†	29.56	36	SW	4	c	29.68	-.05	34	76	-2	NW	4	c	*	39	32	*	*	0.04
	Munich†	29.65	33	SW	4	0	29.67	-.13	28	90	-3	SW	4	0	*	34	27	*	*	-
FRANCE.	C. Gris Nez ...	29.84	42	NNW	6	0	29.89	-.06	42	39	+2	NNW	6	5	6	45	36	*	*	-
	La Hève	29.86	44	NNE	3	c	29.95	-.02	39	37	+3	NE	4	c	3	46	36	*	*	-
	Brest	29.91	45	ENE	1	bc	30.01	.00	40	38	+2	ENE	3	bc	2	50	37	*	*	-
	Lorient	?	43	NE	2	6	?	?	41	40	+4	ENE	3	c	2	46	39	*	*	-
	Rochefort	29.77	41	NE	4	6	29.84	.00	37	37	+5	NE	4	b	*	46	?32	b	*	-
	Biarritz	29.64	51	ESE	4	r	29.78	+.07	37	36	-10	NE	4	b	3	55	37	*	*	0.28
	Paris	29.82	32	S	1	6	29.86	-.10	32	31	+6	N	2	b	*	37	?26	*	*	-
	Belfort‡... ...	29.81	31	WSW	4	m	29.78	-.16	30	28	0	SSE	4	c	*	34	29	*	*	-
	Lyons‡... ...	29.82	33	NNW	1	6	29.80	-.15	35	33	-1	N	3	0	*	40	32	*	*	-
	Nice	29.48	50	SW	2	?	29.36	-.30	47	44	-1	2	0	c	2	57	45	*	*	-
	Perpignan	29.63	53	2	0	0	29.58	-.21	51	50	0	SW	1	c	*	57	48	*	*	-
	Sanguinaire																	*	*	
SPANISH PENIN.	Corunna																	*	*	
	Lisbon														*			*	*	
	Azores (P. Delgada)...																	*	*	
	" Horta ...	29.88	58	NW	4	bc	29.98	+.15	56	52	-2	N	3	0	2	66	55	*	*	0.16

For NOTES see Page 4.

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

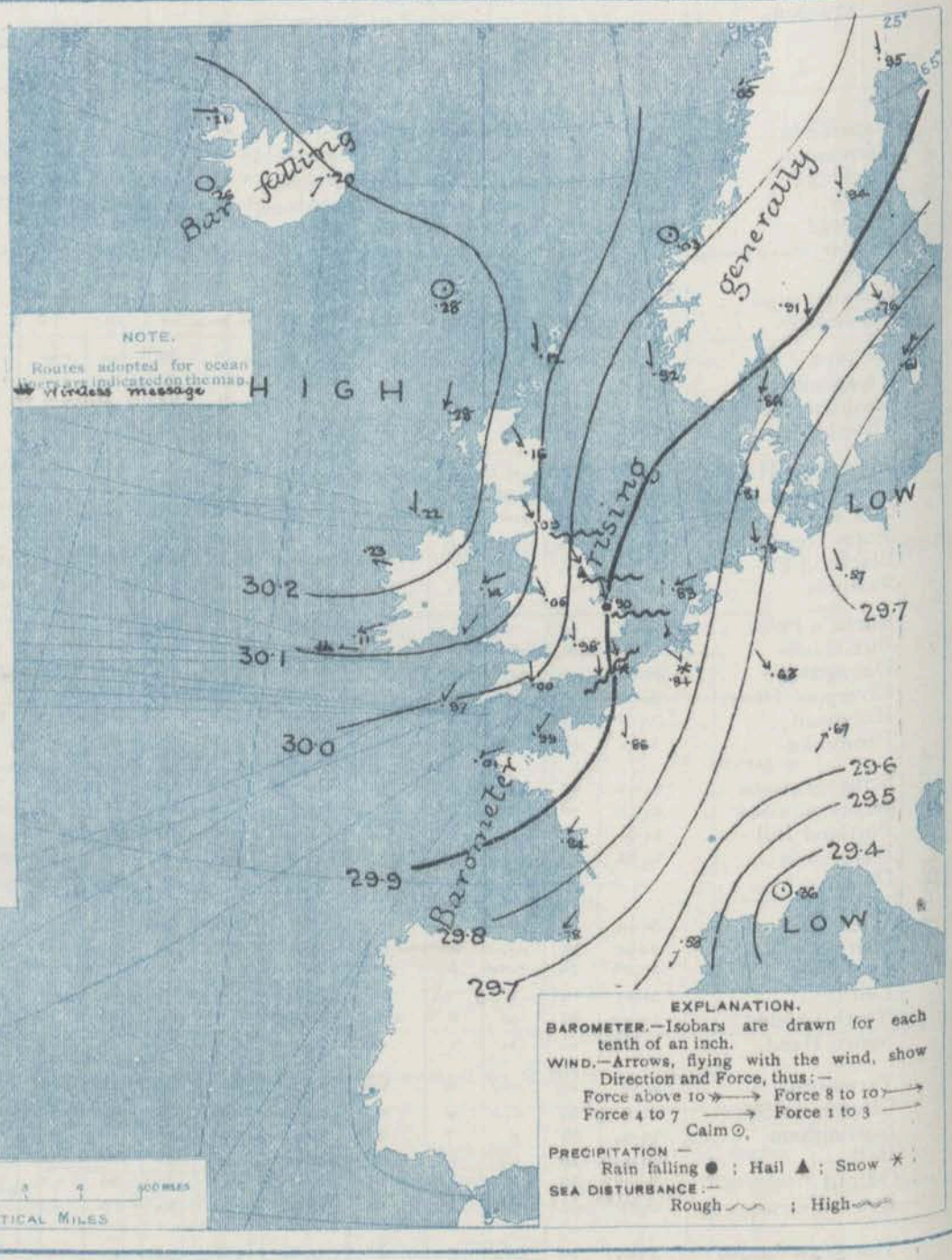
7 A.M. YESTERDAY.

6 P.M. YESTERDAY.



Monday, WEATHER 22nd Nov:

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



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

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

NOTES ON THE GENERAL SITUATION AT 7 A.M

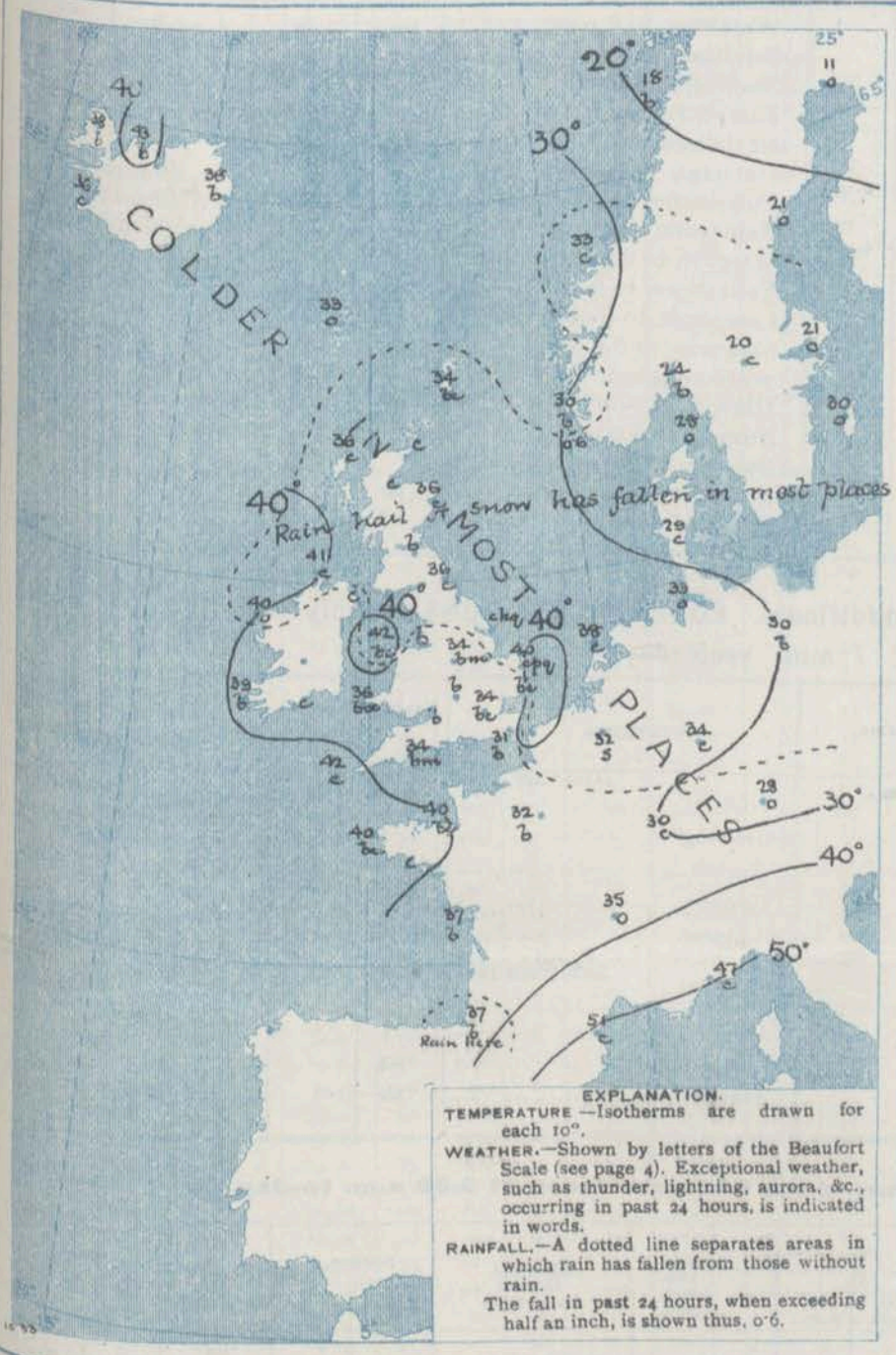
The barometer is at present rising over nearly the whole of Western and North-Western Europe, but a fresh fall has occurred in Iceland. The readings range from above 30·2 ins. in a high pressure system over the extreme northwest of these islands, the Icelandic region and the adjacent portion of the Atlantic to below 29·6 ins. over Poland and the east of Germany, and to below 29·4 ins. over the Gulf of Genoa.

The wind is N.ly in almost all parts of Scandinavia and the United Kingdom, and N.E.ly over France and the Bay of Biscay. Generally it is only light or moderate in force, but it blows a fresh or strong breeze on the east coast of England, and a gale at Wisby. Temperature has fallen in most regions. The readings range over these islands from 42° at Scilly, Holyhead and Donaghadee to 34° at Nottingham and in London, and to 31° at Dungeness. The weather is fair to fine and bright over the greater part of the United Kingdom and over a large portion of the Continent. The sky is, however, overcast in places, with hail and rain showers on the east coast of England, and snow at Cape Gris Nez and Brussels. Showers of rain are falling in the Hebrides.

CHARTS

22nd November, 1909.

2. Temperature and Weather at 7 A.M. To Day.



Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b): N.E.ly to N.W.ly winds, light or moder; fair, some local showers; cold.

1: N.E.ly winds, light; fair generally; rather low temperature, frost at night.

2 (a, b), 3: N.E.ly winds, moderate or light; mostly fair, cold precipitation locally on coast, frost inland at night.

4 (a, b), 5: N.E.ly winds, light or moderate; fair or fine generally, some mist or fog locally; cold, sharp frost at night.

6 (a, b): N.E.ly winds, light or moderate; fair or fine; cold.

7 (a, b): Same as Nos 4 & 5.

8 (a, b): N.E.ly and N.E.ly winds, light or moderate; fair or fine; cold, night frost inland.

9 (a, b), 10 (a, b): Wind mainly between N. and E., light or moderate; fair or fine generally; cold, night frost inland.

11 WESTERN CHANNEL AND BAY. Wind between N. and E., moderate to light; sea moderate; fair generally, some mist.

Notes on Yesterday's Weather.

During yesterday the temperature remained below 45° at most of our stations, and below 40° in some northern localities. Frost occurred at night in many parts of the Kingdom. In London the thermometer on the grass fell to 25°, and at Oxford to 24°. Showers of hail or rain have fallen in various parts of these Islands, but in most places the duration of bright sunshine has been very considerable. Wireless reports from the Atlantic show that steamers experienced E.ly winds, strong to a strong gale in force, with overcast weather, as far west as the 26th meridian.

General Inference from the 7 A.M. Observations.

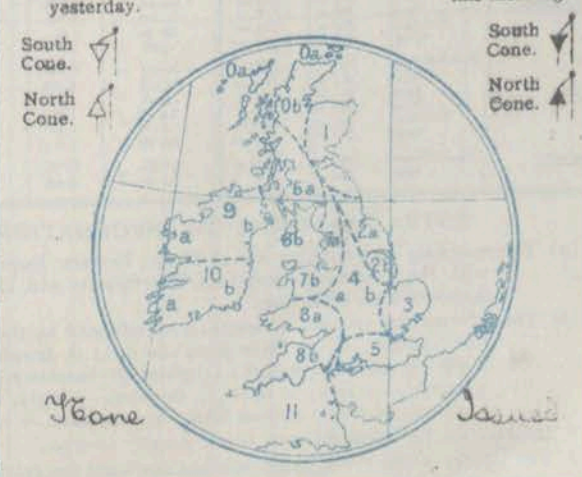
The anticyclone appears likely to expand eastward and south eastward over the United Kingdom and its neighbourhood during the ensuing twenty-four hours accompanied by fair, dry weather generally.

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.



Weller & Graham, Ltd. Litho, London

DAILY WEATHER REPORT. Monday, 22nd November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	49	35	bc. b. bc	1.8	-
Dublin (City), to 4 p.m....	46	33	bm. c	*	-
Rossall Beach, to 6 p.m.	44	36	c	*	-
Blackpool, to 9 p.m. ...	44	28	bc. b	1.1	-
Southport, to 9 p.m. ...	44	29	bc. m. c. o	1.7	-
Rhyl, to 6 p.m....	46	28	b. or. o	3.9	0.01
Colwyn Bay, to 6 p.m. ...	46	40	c	3.0	-
Llandudno, to 9 p.m. ...	47	38	m. b. o	3.0	0.05
Bettws-y-Coed, to 6 p.m.				*	
Towyn, to 6 p.m.	48	27	b. o	5.1	-
Aberystwyth, to 6 p.m. ...	47	30	*	7.0	-
Plymouth, to 9 p.m. ...					
Torquay, to 6 p.m.	50	33	*	6.2	-
Weymouth, to 6 p.m. ...	46	33	b	5.1	-
Bournemouth, to 6 p.m....	44	29	b. bc	5.5	-
Southsea, to 6 p.m.	40	32		3.4	-
Bognor, to 6 p.m.	45	32	b. bm	7.4	0.01

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	44	30	f. m. bm	6.6	-
Brighton, to 6 p.m. .	42	31	*	6.3	-
Seaford, to 6 p.m. ...					
Eastbourne, to 6 p.m. ...	43	34	*	5.2	-
Bexhill-on-Sea, to 9 p.m.	46	29	b	4.1	-
Hastings	*	*			
Folkestone, to 6 p.m. ...	43	33	b. bc	6.1	-
Ramsgate, to 6 p.m. ...	*	*	*		
Margate, to 6 p.m.	43	38	b	4.0	-
Felixstowe, to 6 p.m. ...			*		
Lowestoft, to 6 p.m. ...	43	36	o. c. o. ep	2.5	0.22
Skegness, to 6 p.m.... ...	41	35	bc. q	2.5	0.08
Scarborough, to 6 p.m. ...	45	38		0.0	0.20
Harrogate, to 6 p.m. ...	41	33	bc. o. bc	1.6	*
Buxton, to 6 p.m.	39	29	bc. bx. b	0.2	-
Darwen, to 9 p.m.					
Manchester, to 9 p.m. ...	40	27	m. b	0.0	*
Birmingham, to 9 p.m....	45	30	c. b	1.3	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
21st Nov. 1909	°	°		Ins.
Madeira				
Marseilles	Observations not recd			
Malta				
Algiers...				
Tunis				
Palermo				
Naples...				
Brindisi				
Rome				
Vienna...				
St. Petersburg				

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
21st Nov. 1909.	°	°		Ins.
Utrecht				
Groningen	Observations not recd.			
Zurich...	*	*		
Geneva	*	*		
Lugano		*		
20th Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	41	*	—	0.12
Coire	39	*	b	0.35
Castasegna...	43	*	b	0.16
Davos	36	*	b	0.35

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Teutonic — Nov. 20th 4 a.m.	50 N	26 W	30.23	E	1-2	*	*	*	*	*
Teutonic — " 7 a.m.	50 N	28 W	30.19	ENE	4-5	o	*	*	*	*
Arabic — Nov. 20th 4 a.m.	50 N	24 W	30.24	ENE	6-7	-				
Arabic — " 7 a.m.	50 N	23 W	30.21	ENE	6-7	o	*	*	*	*
Arabic — " 3 p.m.	51 N	21 W	30.15	ENE	6-7	-	*	*	*	*
Arabic — " 6 p.m.	51 N	20 W	30.13	E	6-7	•	*	*	*	*
Arabic — 21st 4 a.m.	51 N	17 W	30.04	SE	1-3	-	*	*	*	*
Arabic — " 7 a.m.	51 N	16 W	30.04	E	6-7	c	*	*	*	*
Arabic — " 3 p.m.	51 N	14 W	30.08	E	4-5	c	*	*	*	*
Arabic — " 6 p.m.	51 N	12 W	30.08	E	4-5	c	*	*	*	*
Mirmanoska — Nov. 20th 4 a.m.	50 N	12 W	30.11	E	8-9	-	*	*	*	*
Mirmanoska — " 7 a.m.	50 N	13 W	30.15	E	8-9	c	*	*	*	*
Mirmanoska — " 3 p.m.	50 N	17 W	30.04	ENE	6-7	-	*	*	*	*
Mirmanoska — " 6 p.m.	50 N	18 W	30.00	ENE	6-7	o	*	*	*	*
Mirmanoska — 21st 7 a.m.	50 N	22 W	29.30	E	8-9	-	*	*	*	*
Mirmanoska — " 7 p.m.	50 N	23 W	29.98	E	8-9	o	*	*	*	*
Canada — Nov. 20th 4 a.m.	51 N	15 W	30.27	ENE	4-5	-	*	*	*	*
Canada — " 7 a.m.	51 N	16 W	30.25	ENE	4-5	o	*	*	*	*
Canada — " 3 p.m.	51 N	19 W	30.18	E	6-7	-	*	*	*	*
Canada — " 6 p.m.	51 N	20 W	30.19	E	6-7	•	*	*	*	*
Canada — 21st 4 a.m.	51 N	24 W	30.10	E	6-7	-	*	*	*	*
Canada — " 7 a.m.	51 N	25 W	29.98	E	4-5	o	*	*	*	*
Montrose — Nov. 21st 3 p.m.	50 N	17 W	29.86	ENE	4-5	-	*	*	*	*
Montrose — " 6 p.m.	50 N	17 W	29.90	ENE	1-3	o	*	*	*	*

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.
Montrose — Nov. 21st 4 a.m.	50 N	20 W	29.76	ENE	8-9	*
Montrose — " 7 a.m.	50 N	21 W	29.76	ENE	8-9	*
Montrose — " 3 p.m.	50 N	24 W	29.73	W	6-7	*
Montrose — " 6 p.m.	50 N	25 W	29.68	ENE	12	
St. Paul — Nov. 21st 4 a.m.	50 N	12 W	29.56	E	4-5	*
St. Paul — " 7 a.m.	50 N	13 W	29.56	E	1-3	*
Mauretania — Nov. 21st 3 p.m.	51 N	11 W	30.12	NE	4-5	*
Mauretania — " 6 p.m.	51 N	13 W	30.14	NE	1-3	*
Lusitania — Nov. 21st 4 a.m.	50 N	23 W	29.34	E	6-7	*
Lusitania — " 7 a.m.	50 N	26 W	29.31	E	6-7	*
Lusitania — " 3 p.m.	51 N	21 W	29.58	ESE	8-9	*
Lusitania — " 6 p.m.	51 N	19 W	29.30	ESE	8-9	*
Lusitania — 22nd 4 a.m.	51 N	13 W	30.10	ESE	4-5	*
Lusitania — " 7 a.m.	51 N	11 W	30.20	E	4-5	*
Empress of Britain — Nov. 21st 4 a.m.	51 N	18 W	30.11	E	6-7	*
Empress of Britain — " 7 a.m.	51 N	17 W	30.05	E	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.

(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 November 1909

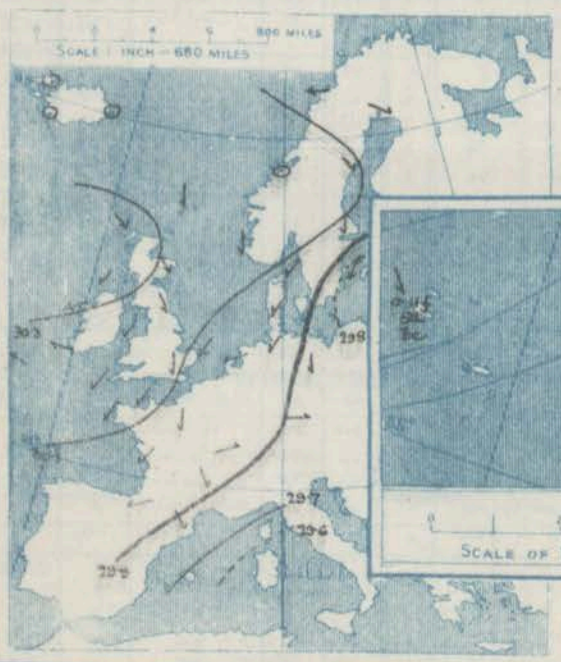
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30.06	1	WNW	2	b	29.67	-.28	23	23	+12	SW	4	o	*	?23	-2	*	*	-
	Hernösand	30.11	16	NW	2	b	29.96	+.02	14	13	-7	2	o	o	*	23	?14	*	*	-
	Stockholm	29.92	26	N	2	s	30.00	+.24	21	20	o	NW	2	o	*	?26	19	*	*	0.04
	Wisby...	29.93	30	NNE	8	s	29.88	+.27	33	30	+3	NE	6	o	*	?33	25	*	*	0.28
	Karlstad	30.11	17	N	4	b	30.12	+.21	12	11	-8	2	o	b	*	*	*	*	*	-
	Færder (X'tania Fjord)	30.12	27	N	6	b	30.12	+.21	24	22	o	W	1	bc	1	27	19	*	*	-
	Bodö	30.03	20	E	4	o	29.54	-.51	28	24	+20	WNW	6	o	3	?38	18	*	*	-
	Christiansund ...	30.12	33	2	o	c	29.91	-.12	38	35	+5	WSW	4	o	3	?38	30	*	*	0.08
	Skudesnaes ...	30.14	30	N	2	b	30.15	+.23	34	33	+4	SE	2	o	2	36	28	b	*	-
ICELAND & FAEROE.	Isafjord	30.28	36	2	o	c	30.28	+.07	39	*	+1	2	o	b	*	*	*	*	*	*
	Reykjavik	30.29	35	2	o	c	30.29	+.03	37	*	+1	2	o	c	*	*	*	*	*	*
	Seydisfjord... ...	30.23	30	2	o	b	30.25	+.05	33	*	-5	2	o	b	*	*	*	*	*	*
	Thorshavn	30.24	41	W	2	c	30.23	-.05	42	*	+9	2	o	o	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.24	37	N	2	c	30.15	+.03	41	39	+7	N	3	o	2	41	33	bc.c	*	0.04
	Stornoway	30.35	36	NW	2	bc	30.39	+.11	36	35	o	NNW	3	bc	3	41	33	c. bc b.bc	2.4	-
	Castlebay (Barra Hd.)	30.34	40	NNE	2	o	30.42	+.14	37	35	-1	2	o	b	1	41	36	rs.bcp.c.b	0.4	0.14
	Malin Head ...	30.30	41	NE	2	bc	30.40	+.18	41	41	o	NE	2	o	1	42	39	bcw	*	-
	Blacksod Pt. ...	30.29	40	ENE	3	b	30.42	+.19	33	31	-7	NNE	1	b	1	41	31	bc.b	*	-
	Valencia	30.25	40	ESE	2	b	30.38	+.27	31	30	-8	E	1	b	3	46	30	b.bc.b	6.9	-
	Roche's Point ...	30.26	38	E	2	b	30.40	+.26	33	32	-6	NE	1	b	2	44	32	c bc.bg	*	-
	Birr Castle ...	30.29	32	NNE	1	b	30.44	+.24	19	18	-13	2	o	b	*	40	17	b	7.1	-
	Donaghadee ...	?	43	NNW	3	bc	30.40	+.20	37	37	-5	W	3	c	2	49	37	bc.c	*	-
	Liverpool Obsy...	30.26	36	N	2	b	30.39	+.26	35	34	o	N	1	bc	2	39	34	b x	7.7	-
	Holyhead	30.25	42	NE	3	bc	30.37	+.23	38	36	-4	E	1	c	1	43	35	bc	*	-
	Pembroke (St. Ann's Hd.)	30.21	37	NE	2	b	30.36	+.26	35	32	-1	NE	2	bx	3	44	31	bx.bc b	7.7	-
	Scilly (St. Mary's) ...	30.17	44	NE	3	bc	30.33	+.06	39	36	-3	NE	2	c	2	48	38	c	7.3	-
	Jersey (St. Aubins) ...	30.12	42	NE	3	b	30.30	+.31	38	35	-2	NNW	3	b	2	46	34	c.bc b	6.0	-
	Portland Bill ...	30.12	38	NNE	4	b	30.30	+.30	34	33	o	NNW	4	bx	2	42	32	b, bc	7.4	-
	Dungeness	30.04	36	N	3	b	30.23	+.30	31	30	o	NNW	3	bc	3	40	27	bc. o.bc	6.0	-
	Dover	*	*	*	*	*	30.28	+.35	32	32	-2	N	4	bc	2	41	32	cpo.b.cpsc	6.5	-
	Wick	30.31	36	N	3	c	30.27	+.08	42	41	+4	WNW	3	r	2	42	?28	-	*	0.18
	Nairn	30.31	38	NNW	2	o	30.34	+.14	36	35	-1	WSW	2	c	1	39	32	c.o.c	0.0	0.01
	Aberdeen	30.28	35	NW	2	*	30.33	+.17	37	35	+1	WNW	3	o	2	38	33	bcfq cp c	2.2	0.01
	Leith	30.29	38	NNW	2	b	30.34	+.20	30	28	-7	W	2	bf	*	41	29	b	*	-
	North Shields ...	30.22	36	NNW	3	rhp	30.34	+.25	33	32	-3	WNW	3	bc	5	43	31	orhp. bc	1.8	0.21
	Spurn Head ...	30.13	38	NW	4	c	30.29	+.32	36	35	-3	NW	4	o	4	41	36	cphq.cqs.op	*	0.04
	Yarmouth	30.08	40	NE	3	bcphq	30.26	+.36	38	33	-2	N	3	bc	4	41	36	cpqr. bcpq	3.3	0.08
	Clacton-on-Sea ...	30.09	33	NW	2	bc	30.27	+.34	30	30	-4	NW	2	b	2	40	30	bc. bc	6.3	-
	Nottingham ...	30.18	35	N	3	b	30.33	+.28	35	34	+1	N	3	b	*	41	33	m b.bc b	4.7	-
	Bath	30.19	38	NE	2	m	30.37	+.30	26	26	-7	2	o	m	*	41	25	-	7.3	-
	Oxford	30.21	34	N	2	b	30.39	+.32	30	29	-1	2	o	om	*	41	29	b.bmx.o	*	-
	London (St. James's Pk)	30.12	37	N	3	b	30.31	+.33	34	33	o	N	3	ox	*	41	33	bc, opbx, ox	1.4	-
GERMANY, &c.	The Scaw (Skagen)	30.08	29	NE	3	c	30.15	+.29	29	27	+1	NNE	1	bc	1	?29	27	*	*	-
	Fanö	30.09	28	NE	4	c	30.18	+.37	25	24	-4	N	2	b	*	32	25	*	*	-
	Cuxhaven†... ...	29.97	32	NE	3	b	30.16	+.33	31	83	-2	N	4	b	*	37	28	*	*	-
	The Helder ...	30.02	33	ESE	1	bc	30.23	+.40	33	32	-5	E	2	s	1	38	30	*	*	0.20
	Brussels	*	*	*	*	*	30.22	+.38	28	28	-4	2	o	f	*	39	27	*	*	-
	Berlin†..	29.86	27	N	2	b	30.02	+.45	25	73	-5	NW	3	bc	*	36	22	*	*	-
	Frankfurt†														*			*	*	
	Munich†	29.90	26	W	2	s	30.10	+.43	22	100	-6	N	2	o	*	30	19	*	*	-
FRANCE.	C. Gris Nez ...	30.06	34	NE	2	s	30.21	+.32	33	33	-9	E	5	s	5	42	33	*	*	1.02
	La Hève	30.05	40	NE	3	c	30.23	+.28	40	37	+1	N	4	o	4	45	36	*	*	0.04
	Brest	30.15	41	NE	3	bc	30.33	+.32	42	40	+2	ENE	2	o		45	37	*	*	-
	Lorient	?	43	NE	3	c	?	?	40	38	-1	ENE	3	b	-	45	37	*	*	-
	Rochefort	30.00	41	NE	3	b	30.24	+.40	35	34	-2	NE	3	b	*	48	32	b	*	-
	Biarritz	30.00	43	ENE	2	o	30.21	+.43	32	32	-5	E	3	b	2	48	30	*	*	-
	Paris	30.02	33	NNW	2	b	30.21	+.35	31	30	-1	NNW	2	o	*	41	28	*	*	-
	Belfort...	29.92	31	WSW	3	*	30.17	+.29	25	24	-5	ENE	2	m	*	39	25	*	*	-
	Lyons	29.93	33	NNW	2	bc	30.15	+.35	30	29	-5	N	1	s	*	38	28	*	*	0.04
	Nice																	*	*	
	Perpignan	29.84	44	NW	4	b	30.09	+.51	36	32	-15	NW	4	b	*	55	35	*	*	-
	Sanguinaire ...	29.58	52	W	6	f	29.69	+.26	48	45	-7	N	6	bc	6	61	41	*	*	-
SPANISH PENIN.	Corunna																	*	*	
	Lisbon														*			*	*	
	Azores (P. Delgada)...																	*	*	
	" Horta ...	30.12	62	NW	3	b	30.11	+.13	54	50	-2	NNW	1	bc	2	66	52	*	*	-

For NOTES see Page 4.

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

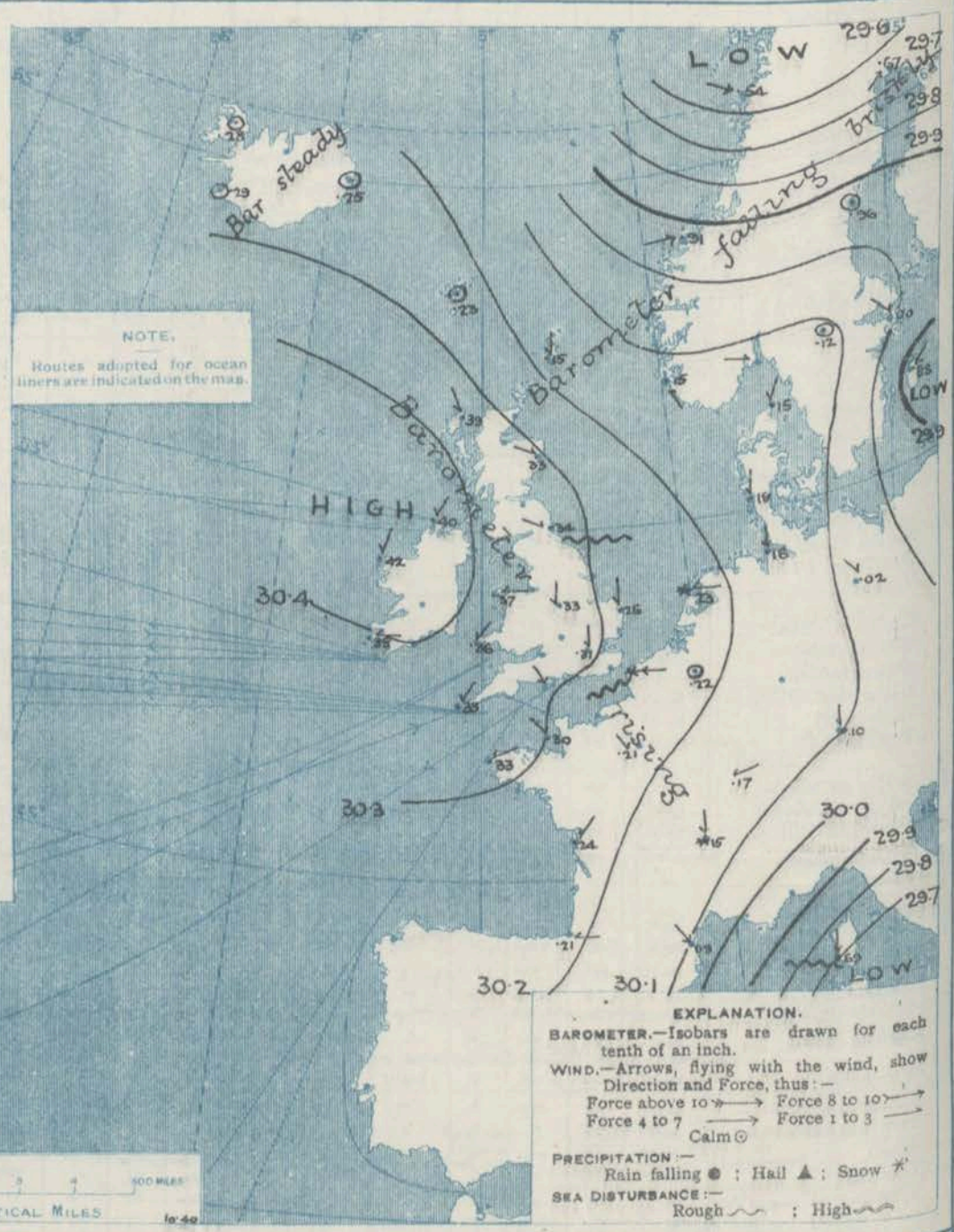
7 A.M. YESTERDAY.

6 P.M. YESTERDAY.



Tuesday, WEATHER 23rd Nov.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M

The anticyclone has continued to extend eastward and south-eastward, and the barometer is now above 30·3 ins. over almost the whole of Great Britain, and above 30·4 ins. in Ireland and the adjacent portion of the Atlantic. During the night a rather rapid decrease of pressure has taken place in the north of Scandinavia, and the reading is as low as 29·54 ins. at Bodö. A fall of the barometer has also set in in the north-east of Scotland.

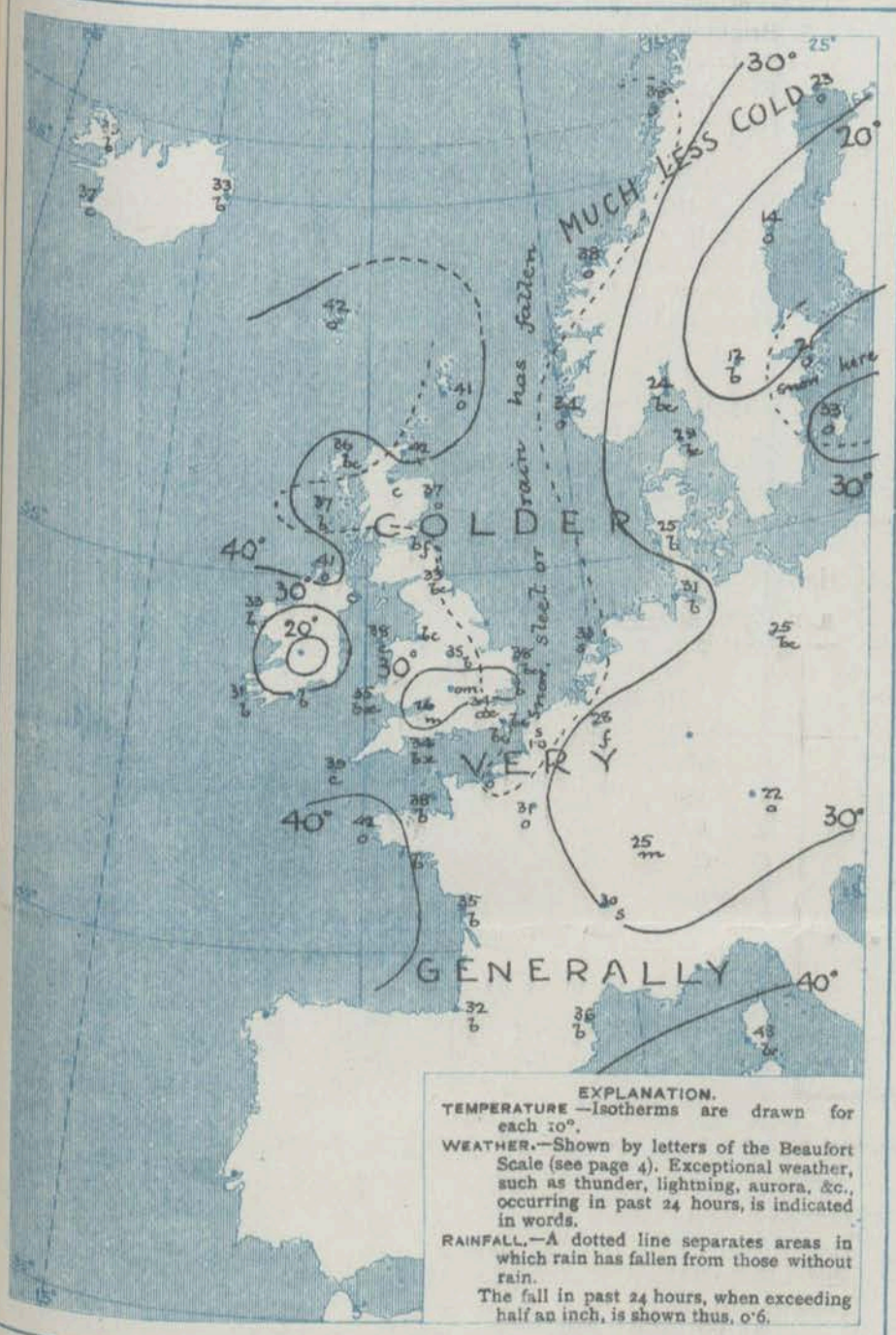
Over these Islands the wind is light or moderate from between North-West and North-East, but over the northern half of Scandinavia it is Westerly or South-Westerly and of greater force. Over the Low Countries and France there is a gentle wind current between East and North-East. Temperature has fallen over the greater part of this Country, France and Central Europe. It ranges from 42° at Wick to 26° at Bath, and to below 20° in Central Ireland. The weather is fair or fine in most parts of France, and at most places in the United Kingdom, but rain is falling at Wick, and the sky is overcast in a few other localities. Snow is reported at the Helder, Cape Gris Nez and at Lyons.

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

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

CHARTS 23rd November, 1909.

2. Temperature and Weather at 7 A.M. To Day.



Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 a, b; 1; 2 a, b: Wind mainly N.ly, light or moderate, fresh locally; changeable, some sleet or snow showers, fair intervals; cold.

3: Same as No. 5.

4 a, b: N.ly winds, light, generally fair or fine, mist or fog locally; cold, frost at night.

5: Wind mainly N.ly, light or moderate; mostly fair, some local snow or sleet showers, rather misty; cold, frost at night.

6 a, b: N.ly winds, light or moderate; fair or fine; cold.

7 a, b: Same as No. 4.

8 a, b: N.ly and N.E.ly winds, light or moderate; fair or fine; cold, frost at night.

9 a, b; 10 a, b: Wind light between N. and N.E.; fair or fine, some mist; cold, sharp frost inland at night.

11 WESTERN CHANNEL AND BAY.
Wind between N. and E., light or moderate, sea moderate to slight; generally fair or fine, some mist

Notes on Yesterday's Weather.

During yesterday the thermometer remained below 40° in some parts of Great Britain, and during the night it fell to 25° at Bath, and to 17° at Birr Castle. At Oxford the temperature on the grass was 20°. Snow and sleet showers have fallen in several parts of Scotland, and the east of England. At Cape Gris Nez the precipitation has yielded more than an inch of water in the gauge. Several hours of bright sunshine were experienced in most places. Wireless reports from the Atlantic show that during yesterday steamers experienced moderate to strong E.ly winds, and overcast weather as far west as the 22nd meridian.

General Inference from the 7 A.M. Observations.

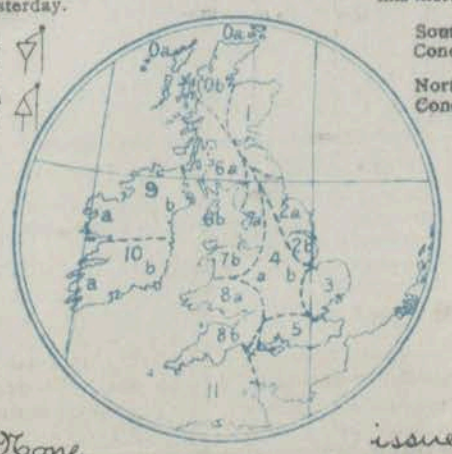
The anticyclone will continue the dominating factor over the major portion of the United Kingdom, but the fall of the barometer which has commenced in the northeast of Scotland indicates a shallow depression which will probably travel southward or southeastward, and be accompanied by sleet or snow showers along the east coasts of Great Britain.

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.

Weller & Graham, Ltd Litho, London

DAILY WEATHER REPORT. Tuesday, 23rd November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	45	29	x. b	6.5	-
Dublin (City), to 4 p.m....	44	37	b.o.c.f.p	*	-
Rossall Beach, to 6 p.m.	40	33	x. c	*	-
Blackpool, to 9 p.m. ...	40	32	bc	7.2	-
Southport, to 9 p.m. ...	40	31	c. b	7.4	-
Rhyl, to 6 p.m....	42	31		6.5	-
Colwyn Bay, to 6 p.m. ...	42	39	b. bc	4.0	-
Llandudno, to 9 p.m. ...	43	38	o. b. bc. c	4.2	-
Bettws-y-Coed, to 6 p.m.	40	28	b	1.8	*
Towyn, to 6 p.m.	44	30	b	7.2	-
Aberystwyth, to 6 p.m. ...	45	30	*	7.3	-
Plymouth, to 9 p.m. ...					
Torquay, to 6 p.m.	46	35	*	7.3	-
Weymouth, to 6 p.m. ...	43	31	x. b	7.4	-
Bournemouth, to 6 p.m. ...	42	30	b	7.0	-
Southsea, to 6 p.m.	42	32	*	6.8	-
Bognor, to 6 p.m.	41	31	x. b	7.4	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	41	30	c. b	7.4	-
Brighton, to 6 p.m. ...	41	32	*	6.3	-
Seaford, to 6 p.m. ...	40	31	b	5.8	-
Eastbourne, to 6 p.m. ...	41	30	*	6.8	-
Bexhill-on-Sea, to 9 p.m.	42	33	b	6.4	-
Hastings	*	*	*	7.5	-
Folkestone, to 6 p.m. ...	41	32	s. b. s. b	7.0	0.01
Ramsgate, to 6 p.m. ...	*	*	*	4.3	0.05
Margate, to 6 p.m.	41	38	b, rsh, b	2.9	0.09
Felixstowe, to 6 p.m. ...	43	31	*	6.6	-
Lowestoft, to 6 p.m. ...	42	33	c. o. cq. c	3.5	0.12
Skegness, to 6 p.m.... ...	41	33	bcrshq. b	3.6	0.11
Scarborough, to 9 p.m. ...	43	38	c	2.6	0.12
Harrogate, to 6 p.m. ...	37	31	bc. os. bc	2.4	0.06
Buxton, to 6 p.m.	36	28	bc. cp. bc	1.7	-
Darwen, to 9 p.m.	37	28	bc	1.9	-
Manchester, to 9 p.m. ...	41	34	b. o. b	0.1	-
Birmingham, to 9 p.m....	38	30	b. c	2.7	-

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

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain. Ins.
22nd. Nov. 1909.				
Madeira	not	received		
Marseilles	50	36	bc. b	-
Malta	72	64	bc	-
Algiers...	75	63	o. c	-
Tunis	72	52	bc. c	-
Palermo	74	62	b. o	-
Naples...	64	59	o. o	0.04
Brindisi	67	53	b. o	-
Rome	64	59	o. o	-
Vienna...	37	34	s. o	-
St. Petersburg	25	18	b. b	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain. Ins.
22nd. Nov. 1909.				
Utrecht	45	30	b. s	-
Groningen	43	34	b. o	0.12
Zurich...	*	*	o. bc	-
Geneva	*	*	b. bc	-
Lugano	*	*	o. b	-
23rd. Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	Observations not received.			
Coire		*		
Castasegna...		*		
Davos		*		

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Mauretania, Nov. 22nd 4 a.m.	51 N	20 W	29.55	SE	6-7	-	.	.	.	.
" " 7 a.m.	51 N	22 W	29.80	NE	6-7	o	.	.	.	.
St. Paul, Nov. 22nd 4 a.m.	50 N	18 W	29.89	ESE	4-5	-	.	.	.	.
" " 7 a.m.	50 N	19 W	29.85	ESE	6-7	c	.	.	.	.
Baltic, Nov. 22nd 4 a.m.	51 N	16 W	30.00	ESE	4-5	-	.	.	.	.
" " 7 a.m.	51 N	17 W	29.93	E	4-5	a	.	.	.	.
Kroonland, Nov. 22nd 4 a.m.	50 N	11 W	30.04	E	4-5	-	.	.	.	.
" " 7 a.m.	50 N	12 W	30.05	E	4-5	o	.	.	.	.
" " 3 p.m.	50 N	15 W	30.05	ESE	4-5	-	.	.	.	.
" " 6 p.m.	50 N	17 W	30.02	ESE	6-7	o	.	.	.	.

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6 51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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 November 1909

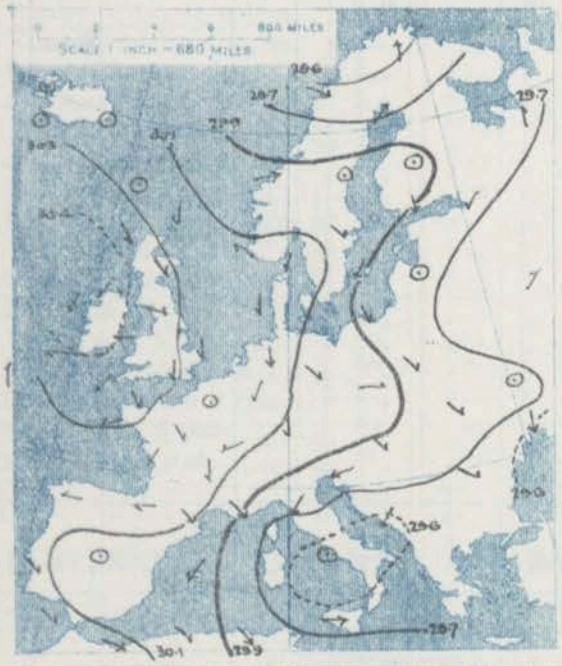
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 6).	PAST 24 HOURS. Temp. Max.	Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.31	12	S	0	b	29.41	-.26	17	16	-6	NNW	2	o	*	37	-2	*	*	0.04
	Hernösand	29.52	30	S	0	b	29.56	-.40	17	?	+3	NW	6	bc	*	32	9	*	*	-
	Stockholm	29.73	23	W	2	a	29.59	-.41	25	25	+4	WNW	4	bc	*	25	21	*	*	-
	Wisby...	29.84	30	NW	6	o	29.61	-.27	35	35	+2	WNW	6	*	*	35	28	*	*	-
	Karlstad	29.87	19	NNW	2	o	29.74	-.38	23	21	+11	NNW	2	b	*	*	*	*	*	-
	Færder (X'iania Fjord)	29.84	30	N	1	c	29.79	-.33	33	30	+9	NW	4	bc	2	?33	24	*	*	-
	Bodö	29.51	32	WNW	2	c	29.73	+.21	30	28	-8	NNE	4	bc	2	38	28	*	*	-
	Christiansund ...	29.90	41	WNW	3	r	29.97	+.06	33	33	-5	N	2	s	3	41	33	*	*	-
	Skudesnaes ...	29.99	39	N	4	r	29.97	-.18	38	36	+4	N	4	c	2	38	32	c.r	*	0.35
ICELAND & FAEROE.	Isafjord	30.32	34	S	0	c	30.15	-.13	42	*	+3	SW	4	r	*	*	*	*	*	*
	Reykjavik	30.28	38	S	1	c	30.27	-.02	38	*	+1	E	2	bc	*	*	*	*	*	*
	Seydisfjord... ...	30.29	40	WSW	2	o	30.26	+.01	37	*	+4	S	0	b	*	*	*	*	*	*
	Thorshavn	30.25	41	NW	4	r	30.29	+.05	37	*	-5	NW	5	c	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.14	42	N	3	o	30.19	+.04	37	36	-4	N	2	o	3	44	36	o	*	0.04
	Stornoway	30.41	40	W	3	o	30.36	-.03	41	40	+5	WNW	3	b	3	43	35	b, bc, bp b	4.5	0.02
	Castlebay (Barra Id.)	30.46	42	S	0	cp	30.42	.00	44	42	+7	NNW	2	bcp	2	48	37	bc, p	5.3	0.03
	Malin Head ...	30.46	42	W	2	cgp	30.42	+.02	46	46	+5	W	4	cpg	2	46	40	bw, omp bc	-	0.03
	Blacksod Pt. ...	30.47	39	SE	1	bc	30.51	+.09	46	39	+13	SW	1	c	1	43	31	c, fm	*	-
	Valencia	30.49	38	ENE	1	b	30.55	+.17	35	34	+4	ENE	1	b	3	49	30	c, b	6.6	-
	Roche's Point ...	30.51	38	N	2	b	30.58	+.18	32	32	-1	N	1	b	1	41	32	bcdm, bf, m	*	0.01
	Birr Castle ...	30.30	29	S	0	b	30.56	+.11	30	29	+11	S	0	c	*	37	19	b, c	3.3	-
	Donaghadee ...	30.47	37	W	3	c	30.46	+.06	39	37	0	WSW	3	bo	2	44	33	bc	*	-
	Liverpool Obsy...	30.45	40	WNW	2	b	30.48	+.04	41	40	+6	W	4	o	3	42	35	b, or	7.6	0.02
	Holyhead	30.46	42	NW	2	b	30.45	+.08	43	40	+5	NW	5	c	4	45	?38	bc	*	-
	Pembroke (St. Ann's Hd.)	30.48	42	N	1	c	30.49	+.13	44	40	+9	NW	4	bc	3	45	33	bc, b, c	7.4	-
	Scilly (St. Mary's) ...	30.48	42	E	1	b	30.53	+.20	37	33	-2	E	1	b	1	46	36	bc, b	7.8	-
	Jersey (St. Aubins) ...	30.46	36	NNE	2	b	30.52	+.22	38	35	0	NW	3	c	3	46	30	bcm, b, c	5.8	-
	Portland Bill ...	30.45	38	N	2	b	30.46	+.16	43	43	+11	NW	4	c	3	45	?34	b	6.7	-
	Dungeness	30.38	35	NW	2	m	30.38	+.15	30	30	-1	NW	3	c	3	41	28	bc, s, g, o bc	5.2	-
	Dover	*	*	*	*	*	30.38	+.10	36	34	+4	NNE	5	b	4	41	32	bc, cp bc, b	2.8	0.03
	Wick	30.28	42	NW	3	r	30.25	-.02	42	42	0	NW	1	r	1	44	37	-	*	0.15
	Nairn	30.36	38	W	1	bc	30.31	-.03	41	40	+5	WSW	1	c	1	42	35	c	0.3	0.02
	Aberdeen	30.33	40	WNW	4	c	30.29	-.04	39	38	+2	W	2	c	2	43	36	cp, bc, c	1.2	0.01
	Leith	30.36	38	W	2	c	30.32	-.02	37	36	+7	WSW	2	c	*	41	29	bc, cm	*	-
	North Shields ...	30.38	37	W	3	c	30.33	-.01	34	33	+1	W	3	c	3	39	20	c	4.9	-
	Spurn Head ...	30.34	39	WNW	4	o	30.30	+.01	37	35	+1	WNW	5	bc	4	39	25	c, c, bc	*	-
	Yarmouth	30.33	37	WNW	3	cm	30.31	+.05	36	35	-2	W	4	bc	4	41	36	bc, cmp, bc	5.5	0.03
	Clacton-on-Sea ...	30.38	36	W	2	o	30.36	+.09	34	33	+4	WNW	3	c	2	38	30	bc, c, c, c	5.0	-
	Nottingham ...	30.41	35	WNW	1	b	30.39	+.06	31	30	-4	W	2	bm	*	40	23	b, cm, bm	0.1	-
	Bath	30.47	30	NE	1	f	30.47	+.10	29	29	+3	S	0	f	*	41	25	-	6.7	-
	Oxford	30.48	31	WSW	2	b	30.46	+.07	30	29	0	W	2	b	*	40	24	c, bc, bem	*	-
	London (St. James's Pk)	30.41	39	S	0	cm	30.43	+.12	31	30	-3	WSW	2	bc	*	40	30	c, cm, bc, bc	0.0	-
GERMANY, &c.	The Scaw (Skagen)	29.82	39	NW	3	c	29.78	-.37	36	35	+7	NNE	2	c	1	39	28	*	*	0.12
	Fanö	29.97	39	W	6	o	29.83	-.35	39	39	+14	NW	4	c	*	39	25	*	*	0.08
	Cuxhaven†... ...	30.23	29	SW	1	b	29.92	-.24	40	97	+9	WNW	4	o	*	40	28	*	*	0.08
	The Helder ...	30.27	38	W	1	b	30.15	-.08	45	43	+12	NNW	5	o	5	45	32	*	*	0.08
	Brussels	*	*	*	*	*									*			*	*	
	Berlin†...	30.17	29	NW	3	o	29.96	+.06	25	85	0	SW	3	S	*	30	25	*	*	0.04
	Frankfurt†... ...	30.34	27	N	2	b	30.26		26	93		SW	7	S	*	32	23	*	*	-
	Munich†	30.30	23	NW	3	o	30.39	+.29	21	90	-1	W	4	S	*	28	19	*	*	0.04
FRANCE.	C. Gris Nez ...	30.40	35	N	1	o	30.39	+.18	38	36	+5	NW	2	bc	2	41	33	*	*	0.43
	La Hève	30.45	37	ENE	3	o	30.47	+.24	43	41	+3	NNW	4	o	4	45	?37	*	*	-
	Brest	30.47	42	NE	2	b	30.60	+.27	41	39	-1	E	1	b	1	48	37	*	*	-
	Lorient	?	43	NE	3	b	?	?	38	37	-2	SE	1	o	2	46	37	*	*	-
	Rochefort	30.41	40	NE	3	b	30.58	+.34	33	33	-2	SE	2	m	*	42	32	b	*	-
	Biarritz	30.39	40	ENE	3	b	30.54	+.33	28	28	-4	E	2	b	2	46	28	*	*	-
	Paris	30.40	27	NNE	1	b	30.47	+.26	31	30	0	S	2	o	*	37	27	*	*	-
	Belfort...	30.32	27	S	0	S	30.48	+.31	22	22	-3	W	4	S	*	31	19	*	*	0.04
	Lyons	30.36	30	N	3	o	30.56	+.41	24	22	-6	NNW	1	b	*	32	24	*	*	-
	Nice	30.00	33	E	2	b	30.23	+.42	29	24	-2	E	2	b	2	37	28	*	*	0.03
	Perpignan	30.25	40	NW	4	b	30.29	+.30	34	30	-2	NW	4	b	*	44	34	*	*	-
	Sauguinaire ...	29.83	46	N	7	bc	30.15	+.46	43	38	-5	SE	4	bp	4	52	37	*	*	-
SPANISH PENIN.	Corunna	30.21	55	E	3	b	30.45	+.28	39	37	-9	E	1	b	2	55	36	*	*	-
	Lisbon														*			*	*	
	Azores (P. Delgada)...																	*	*	
	" Horta ...	29.98	59	SW	2	o	29.91	-.20	61	56	+7	SSW	4	bc	2	64	54	*	*	

For NOTES see Page 4.

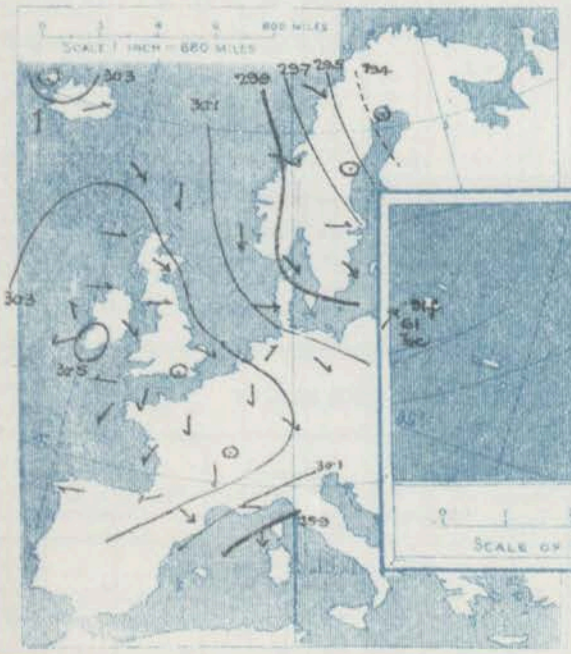
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND FOR 7 A.M. AND 6 P.M. YESTERDAY

Wednesday, WEATHER 24th Nov:

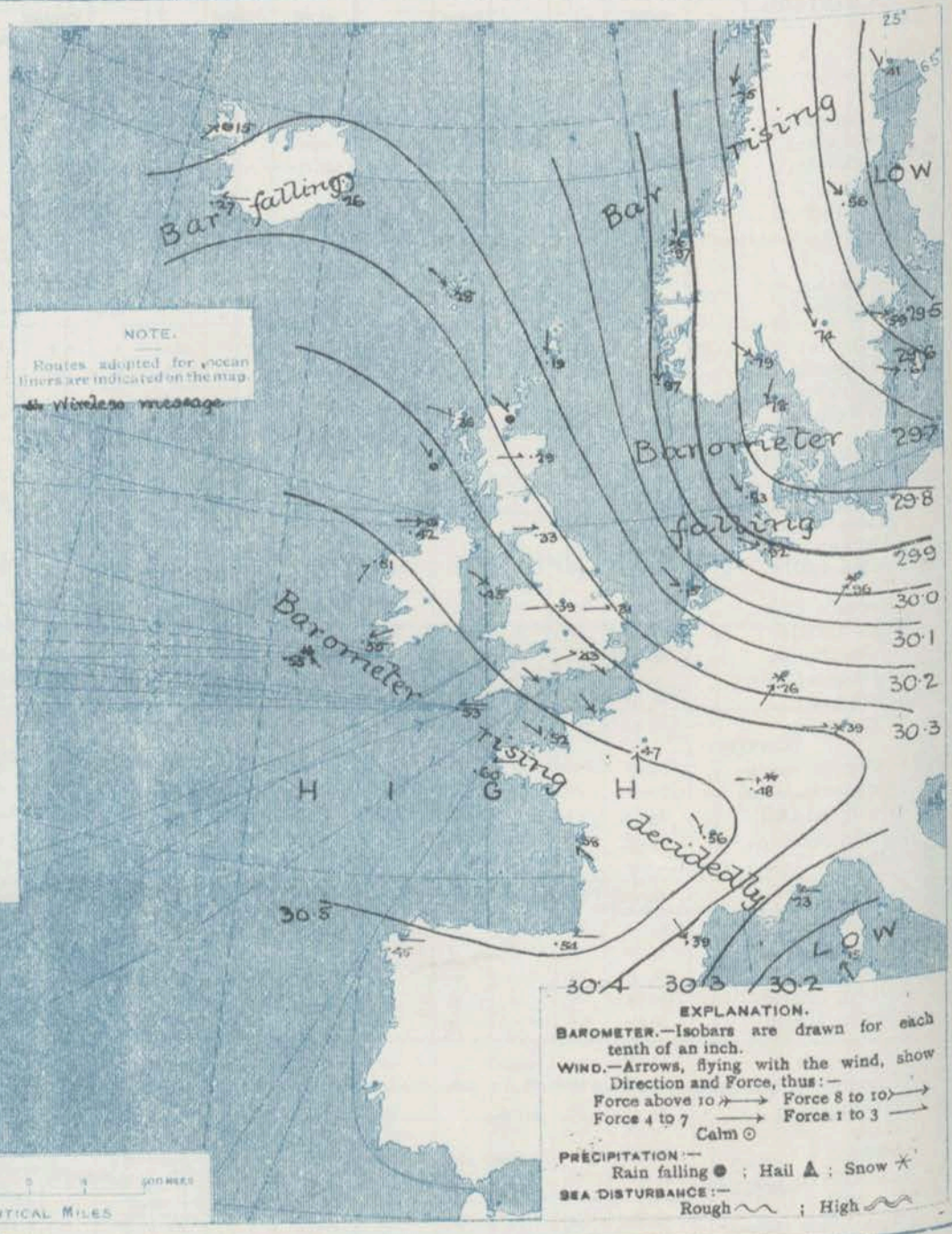
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

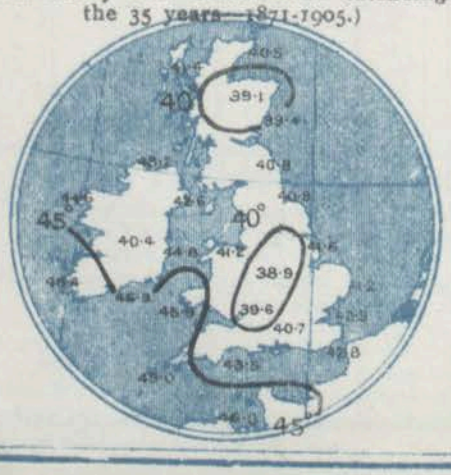


1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



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

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



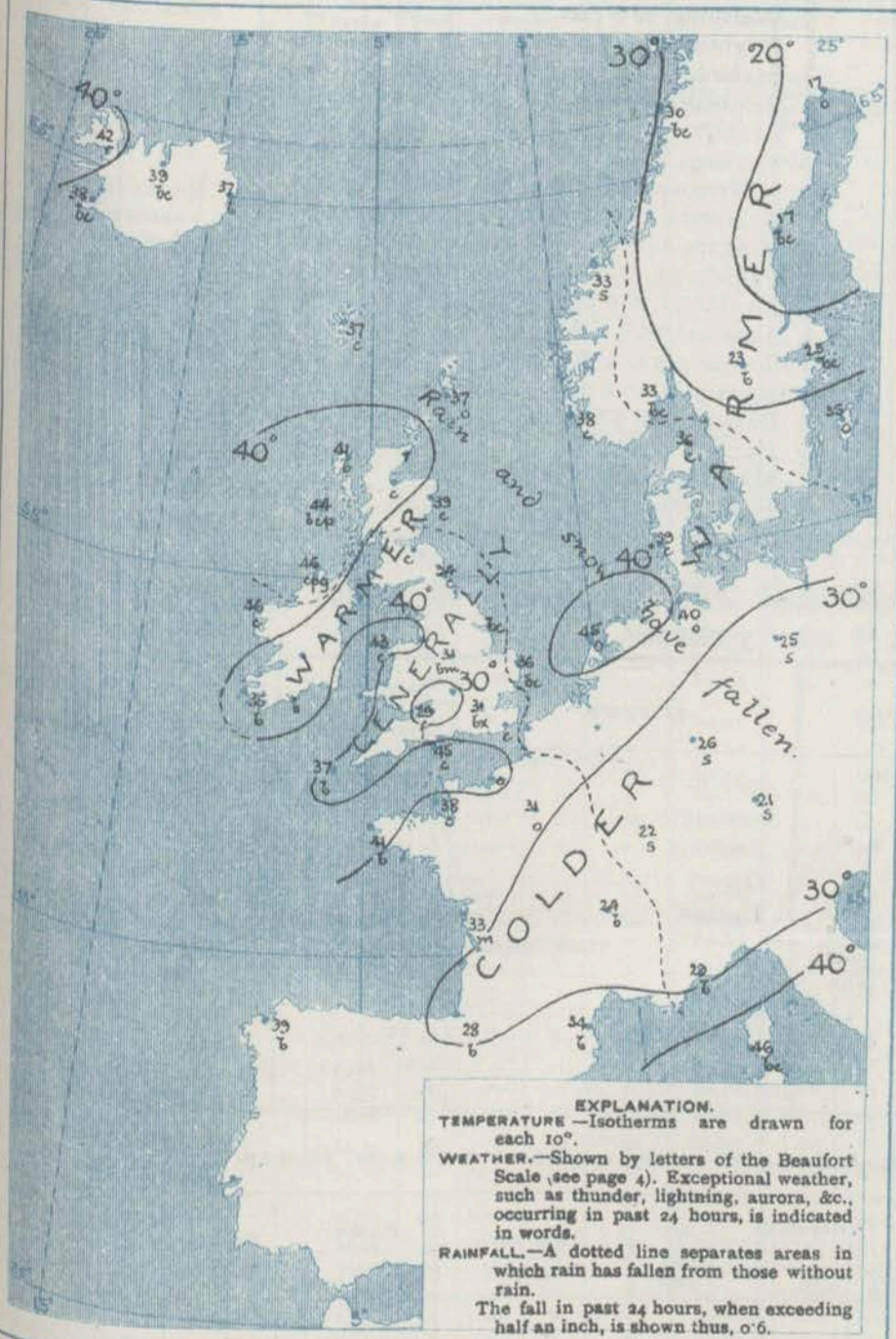
NOTES ON THE GENERAL SITUATION AT 7 A.M

The anticyclonic system has taken up a position further south, and the barometer is now highest over the Bay of Biscay region, the reading at Brest being 30.6 ins. A large depression has appeared over Scandinavia and its neighbourhood, and the barometer is below 29.5 over the Gulf of Bothnia and Finland.

The wind is light or moderate from between north-west and west over the United Kingdom, light to strong from between north and west in Scandinavia, and from west and south-west in Germany. In Iceland it is mainly southerly, and fresh in the extreme north-west. Temperature has risen in the north and west of these Islands and on the eastern shores of the North Sea. In this country it ranges from 46° in the extreme north-west, and 45° at Portland Bill to 30° or slightly lower in central England. The sky is cloudy or overcast in most parts of these Islands and over a large area on the Continent, but nearly clear in several localities. Showers are falling in the extreme north and north-west of these Islands, and snow is reported at Christiania and in nearly all parts of Germany, as well as at Belfort.

CHARTS 24th November, 1909.

2. Temperature and Weather at 7 A.M. To Day.



Notes on Yesterday's Weather.

During yesterday the temperature rose to above 40° in most parts of these Islands, but remained below it at some stations in the east and north-east of England and in central Ireland. During the night the thermometer fell to 22° on the grass in London and at Oxford and to 25° in the screen at Bath. A certain amount of precipitation has occurred in various parts of the Kingdom and at several places on the Continent. A lunar halo was observed at Aberdeen. Several hours of bright sunshine were experienced over the Kingdom generally. Wireless reports from the Atlantic show that moderate winds from the South-Eastward and Southward prevailed yesterday to the west of the 20th meridian.

General Inference from the 7 A.M. Observations.

It appears probable that local irregularities in pressure will be accompanied by some showers of rain, sleet or snow in the north and east of these Islands, but elsewhere the weather is likely to continue under the direct influence of the anticyclonic system.

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): Wind light or moderate, between N. and N.W.; changeable, some showers of rain, sleet or snow, fair intervals; rather cold.

3: W.ly to N.ly winds, light or moderate; generally fair, snow showers locally; cold.

4 (a, b), 5: Wind light or moderate, between W. and N.W. or N.; generally fair or fine, slight snow showers in places, some mist or fog locally; cold, frost at night.

6 (a, b): Same as Nos. 0 to 2.

7 (a, b): Same as Nos. 4 & 5.

8 (a, b): N.W.ly and N.ly winds, light or moderate; fair or fine; cold, frost inland at night.

9 (a, b): W.ly or N.W.ly winds, light or moderate, changeable, some local showers, fair; rather cold.

10 (a, b): Same as No. 8.

11 WESTERN CHANNEL AND BAY.

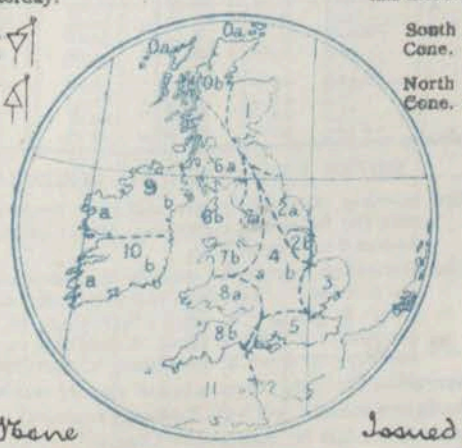
Wind between N. and N.W., light or moderate; sea slight or smooth; fair or fine, but some mist or fog.

Forecast Districts.

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

Signals hoisted yesterday. Signals hoisted this morning.

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



Week Issued

Weller & Graham, Ltd. Litho. London

DAILY WEATHER REPORT. Wednesday, 24th November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	45	26	x. bv	7.3	-
Dublin (City), to 4 p.m....	40	32	c.o. bf	*	-
Rossall Beach, to 6 p.m.	44	26	x. b	*	-
Blackpool, to 9 p.m. ...	42	27	bc c	6.0	-
Southport, to 9 p.m. ...	42	31	b bc	6.3	-
Rhyl, to 6 p.m....	45	26	b. bc. c	5.7	-
Colwyn Bay, to 6 p.m. ...	45	40	b	4.5	-
Llandudno, to 9 p.m. ...	44	32	c. bc	4.9	-
Bettws-y-Coed, to 6 p.m.	36	32	b	3.5	-
Towyn, to 6 p.m.	45	22	b	5.3	-
Aberystwyth, to 6 p.m. ...	44	29	*	7.2	-
Plymouth, to 9 p.m. ...	44	28	b. bx	6.3	-
Torquay, to 6 p.m.	44	30	*	6.6	-
Weymouth, to 6 p.m. ...	42	30	x. b	6.7	-
Bournemouth, to 6 p.m. ...	40	28	b	6.5	-
Southsea, to 6 p.m.	38	31	*	5.1	-
Bognor, to 6 p.m.	40	30	x. b	7.0	0.01

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	38	30	c. b. c	5.5	-
Brighton, to 6 p.m. ...	38	30	"	6.0	-
Seaford, to 6 p.m. ...	40	30		6.5	-
Eastbourne, to 6 p.m. ...	40	31	*	5.1	-
Bexhill-on-Sea, to 9 p.m.	42	32	c	5.7	-
Hastings	*	*	*	6.8	-
Folkestone, to 6 p.m. ...	40	32	bc. c	4.0	-
Ramsgate, to 6 p.m. ...	*	*	*	2.0	0.02
Margate, to 6 p.m.	41	33	o. b. o	2.0	-
Felixstowe, to 6 p.m. ...	41	26	*	4.9	0.33
Lowestoft, to 6 p.m. ...	42	33	c. o. bep. c	5.5	0.04
Skegness, to 6 p.m.... ...	40	31	c. bc. c	2.5	0.23
Scarborough, to 9 p.m. ...	43	36	o	2.4	0.10
Harrogate, to 6 p.m. ...	40	31	b bcs. b	4.2	0.02
Buxton, to 6 p.m.	37	29	b. c. b. bf	2.5	-
Darwen, to 9 p.m.	42	38	bc	3.7	-
Manchester, to 9 p.m. ...	39	27	bm	0.0	-
Birmingham, to 9 p.m....	39	28	c. o. c	0.0	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
23rd Nov. 1909	°	°		Ins.
Madeira	not	received		
Marseilles	45	32	b. b	-
Malta	72	63	bc	0.04
Algiers...	73	57	bc. r	-
Tunis	73	48	o. o	0.12
Palermo	72	59	bc. r	0.16
Naples...	63	52	bc. o	0.47
Brindisi	68	53	c. c	0.20
Rome	62	44	o. b	-
Vienna...	39	27	o. bc	0.08
St. Petersburg	25	12	c. o	-

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
23rd Nov. 1909.	°	°		Ins.
Utrecht	37	23	b. m	-
Groningen	36	25	c. o	-
Zurich...	*	*	c. o	-
Geneva	*	*	b. bc	-
Lugano	*	*	b. b	-
22nd Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	36	*	bc	-
Coire	32	*	o	0.12
Castasegna...	39	*	b	-
Davos	21	*	bc.	0.08

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	Ins.				°	°	*	
Minnewaska (Nov. 21st. 3p.m.)	50 N	27 W	29.73	E	6-7	-	.	.	.	.
(" " 6p.m.)	49 N	28 W	29.69	E	6-7	r	.	.	.	.
Mauretania (Nov. 22nd 3p.m.)	50 N	28 W	29.49	E	6-7	.	.	.	.	.
(" " 6p.m.)	50 N	30 W	29.50	ESE	6-7	r	.	.	.	.
St. Paul (Nov. 22nd 3p.m.)	50 N	23 W	29.61	ESE	6-7	-	.	.	.	.
(" " 6p.m.)	50 N	23 W	28.61	SE	4-5	bc	.	.	.	.
Baltic (Nov. 22nd 3p.m.)	51 N	21 W	28.81	ESE	6-7	-	.	.	.	.
(" " 6p.m.)	51 N	22 W	29.73	ESE	8-9	o	.	.	.	.
Ivernia (Nov. 23rd 4a.m.)	51 N	21 W	29.86	SE	10-11	-	.	.	.	.
(" " 7a.m.)	51 N	20 W	30.01	S	4-5	bc	.	.	.	.
(" " 3p.m.)	51 N	18 W	30.07	SSE	4-5	-	.	.	.	.
(" " 6p.m.)	51 N	17 W	30.07	SSE	4-5	b	.	.	.	.
(24th 4a.m.)	51 N	13 W	30.47	SE	4-5	-	.	.	.	.
(" " 7a.m.)	51 N	12 W	30.56	SE	1-2	c	.	.	.	.
Majestic (Nov. 22nd 4a.m.)	49 N	29 W	29.46	WNW	4-5	-	.	.	.	.
(" " 7a.m.)	49 N	27 W	29.41	E	6-7	b	.	.	.	.
(" " 3p.m.)	49 N	25 W	29.38	SE	6-7	-	.	.	.	.
(" " 6p.m.)	49 N	24 W	29.37	S	6-7	bc	.	.	.	.

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			
Majestic (Nov. 23rd 4a.m.)	49 N	20 W	30.02	S	6-7	[illegible]
(" " 7a.m.)	49 N	19 W	30.03	S	4-5	
(" " 3p.m.)	49 N	15 W	30.27	SE	4-5	
(" " 6p.m.)	49 N	13 W	30.35	SE		

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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.*)

SCANDINAVIA. ICELAND & FAEROE. BRITISH ISLANDS. GERMANY, &c. FRANCE. SPANISH PENIN.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

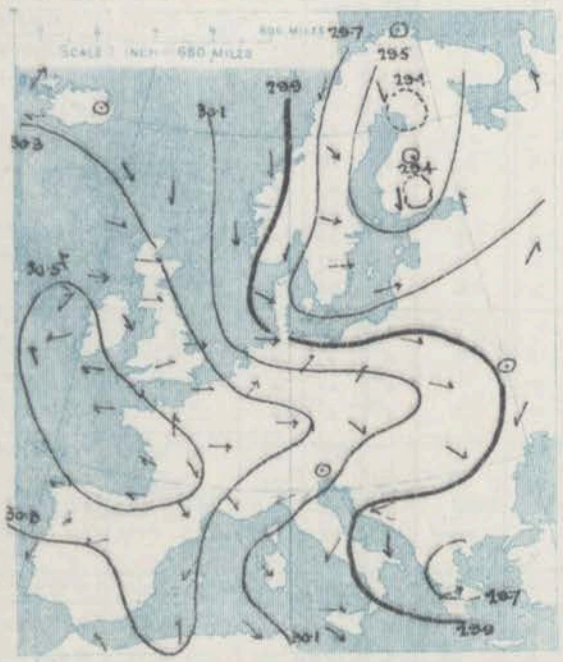
Thursday, 25th November, 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda	29.73	16	N	4	c	29.85	+.44	1	1	-16	NW	2	b	•	21	?1	•	•	-
	Hernösand	29.86	24	NW	4	bc	29.99	+.43	15	14	-2	2	0	c	•	30	?15	•	•	-
	Stockholm	29.78	24	NNW	4	bc	29.93	+.44	21	18	-4	NNW	4	b	•	28	19	•	•	-
	Wisby...	29.86	33	NNW	6	o	29.84	+.23	33	30	-2	N	8	o	•	36	25	•	•	-
	Karlstad	29.95	29	NW	4	bc	30.08	+.34	20	18	-3	2	0	b	•	•	•	•	•	-
	Færder (X'iania Fjord)	29.96	35	NW	4	c	30.06	+.27	35	31	+2	NNW	2	b	1	37	32	•	•	-
	Bodö	29.95	25	NNE	4	bc	29.81	+.06	24	22	-6	E	4	s	2	30	19	•	•	-
	Christiansund ...	30.04	37	W	2	c	30.01	+.04	36	35	+3	SW	2	r	3	37	32	•	•	0.35
	Skudesnaes ...	30.13	37	N	4	c	30.13	+.16	37	35	-1	N	2	c	2	39	34	c	•	-
ICELAND & FAEROE.	Isafjord	30.06	45	SW	5	c	29.54	-.61	44	•	+2	SW	7	o	•	•	•	•	•	•
	Reykjavik	30.18	41	2	0	c	29.61	-.66	43	•	+5	S	1	o	•	•	•	•	•	•
	Seydisfjord... ...	30.15	39	2	0	bc	29.86	-.40	38	•	+1	2	0	b	•	•	•	•	•	•
	Thorshavn	30.28	46	W	3	o	30.10	-.18	46	•	+9	NW	4	r	•	•	•	•	•	•
BRITISH ISLANDS.	Sumburgh Head	30.26	37	N	1	bc	30.16	-.03	42	41	+5	W	2	b	1	42	35	o. bc. b	•	0.03
	Stornoway	30.41	42	NNW	3	c	30.33	-.03	42	41	+1	WSW	2	c	2	45	30	cdp	1.8	0.05
	Castlebay (Barra Hd.)	30.44	45	N	2	c	30.38	-.04	48	45	+4	WNW	3	c	3	48	43	bc. op. ep. c	1.9	0.02
	Malin Head ...	30.44	47	W	3	c	30.40	-.02	45	45	-1	NW	2	ogm	1	48	43	cg. orm	•	0.06
	Blacksod Pt. ...	30.48	50	WSW	4	o	30.43	-.08	44	43	-2	SSW	2	c	2	54	41	op	•	0.11
	Valencia	30.58	45	SE	1	c	30.49	-.06	35	35	0	E	2	b	4	49	33	bc. c. bem	2.5	-
	Roche's Point ...	30.58	42	N	1	c	30.47	-.11	46	45	+14	NW	3	c	2	47	1	b. bem. c	•	0.01
	Birr Castle ...	30.52	40	WSW	2	c	30.45	-.10	40	39	+10	2	0	of	•	44	30	c. r. of	0.0	0.13
	Donaghadee ...	30.46	40	W	2	bc	30.39	-.07	42	42	+5	SSW	2	o	1	45	36	bem. bc. or	•	0.10
	Liverpool Obsy...	30.43	43	WNW	4	o	30.36	-.07	42	42	+1	WNW	2	o	2	45	37	o. op. bc. o	0.1	0.04
	Holyhead	30.45	46	NW	5	op	30.38	-.07	47	45	+4	N	5	c	4	47	40	c. op	•	-
	Pembroke (St. Ann's Hd.)	30.50	46	NW	4	o	30.40	-.09	45	42	+1	NNW	3	c	4	48	41	bc. c. op	3.7	0.01
	Scilly (St. Mary's) ...	30.56	47	WNW	4	o	30.42	-.11	43	40	+6	NNW	4	o	2	48	?..	c. o	4.7	-
	Jersey (St. Aubins) ...	30.49	44	WNW	3	bc	30.38	-.14	45	43	+7	WNW	3	o	3	47	38	ogrm. opg. o	1.2	0.07
	Portland Bill ...	30.46	44	NW	4	c	30.35	-.11	45	44	0	NNW	3	o	3	46	43	bc. c	0.5	-
	Dungeness	30.35	40	WNW	3	o	30.28	-.10	33	32	+3	WNW	3	c	3	44	29	c. bcc	3.4	-
	Dover	•	•	•	•	•	30.28	-.10	36	35	0	NW	4	c	4	43	36	b. bc. c	3.0	-
	Wick	30.32	41	NW	2	r	30.26	+.01	38	37	-4	NW	1	bc	1	45	33	-	2	0.15
	Nairn	30.36	42	W	1	o	30.31	.00	38	37	-3	WSW	1	bc	1	45	37	c. o. bc	0.0	0.05
	Aberdeen	30.33	39	NW	1	c	30.32	+.03	37	36	-2	WNW	1	c	2	44	36	c. ov. r. c	0.4	0.02
	Leith	30.35	42	W	2	b	30.33	+.01	37	36	0	W	1	of	•	46	35	bc. b. om	•	-
	North Shields ...	30.34	34	W	3	o	30.33	.00	38	37	+4	WNW	2	c	3	45	32	c. o	5.1	-
	Spurn Head ...	30.31	41	WNW	4	bc	30.28	-.02	40	39	+3	NW	4	op	3	42	37	bc. c. opg	•	0.01
	Yarmouth	30.32	40	WNW	3	cm	30.28	-.03	40	40	+4	WNW	3	op	4	41	35	bc. cm	0.0	0.05
	Clacton-on-Sea ...	30.36	35	WNW	3	b	30.29	-.07	37	36	+3	WNW	2	o	2	40	32	bc. bm. o	3.5	-
	Nottingham ...	30.38	39	W	1	bc	30.33	-.06	41	39	+10	N	2	o	•	43	30	bm c. bm	0.0	-
	Bath	30.46	41	2	•	o	30.37	-.10	40	39	+11	2	0	m	•	42	29	-	0.7	-
	Oxford	30.44	40	W	2	r	30.36	-.10	39	38	+9	NW	2	o	•	41	30	bem. or. om	•	0.01
	London (St. James's Pk)	30.40	38	NW	1	c	30.33	-.10	38	38	+7	NW	2	cw	•	40	30	bc. o. bc. cw	0.4	-
GERMANY, &c.	The Scaw (Skagen)	29.97	40	NNW	4	b	30.06	+.28	37	32	+1	NE	2	b	1	41	30	•	•	-
	Fanö	30.07	32	W	2	b	30.08	+.25	35	32	-4	WSW	2	c	•	35	28	•	•	-
	Cuxhaven†... ...	30.06	38	N	3	b	30.07	+.15	34	37	-6	S	2	o	•	43	34	•	•	-
	The Helder ...	30.21	40	NNW	4	c	30.19	+.04	42	40	-3	N	2	o	3	46	41	•	•	0.12
	Brussels	•	•	•	•	•	30.23	-.08	39	39	+3	NW	2	r	•	41	35	•	•	0.20
	Berlin†..	29.92	33	W	2	b	30.04	+.08	29	31	+4	W	3	c	•	36	?25	•	•	0.16
	Frankfurt†	30.19	37	SW	3	o	30.17	-.09	37	90	+11	SW	3	f	•	39	23	•	•	0.08
	Munich†	30.20	29	W	7	s	30.23	-.16	30	98	+9	SW	6	o	•	30	21	•	•	0.24
FRANCE.	C. Gris Nez ...	30.38	41	WNW	5	o	30.31	-.08	42	40	+4	NNW	4	o	4	43	?38	•	•	-
	La Hève	30.43	43	NW	4	o	30.35	-.12	44	41	+1	NW	4	o	5	46	39	•	•	0.08
	Brest	30.62	44	NW	1	b	30.49	-.11	45	41	+4	NNE	2	c	1	48	41	•	•	-
	Lorient	?	45	WNW	1	b	?	?	45	45	+7	NNW	4	o	2	50	43	•	•	-
	Rochefort	30.58	41	N	1	bc	30.47	-.11	44	41	+11	N	3	o	•	46	?33	b. bc	•	-
	Biarritz	30.55	36	E	2	b	30.48	-.06	28	28	0	E	2	b	2	43	28	•	•	-
	Paris	30.45	38	WSW	2	o	30.34	-.13	33	33	+2	SSW	1	o	•	41	?31	•	•	-
	Belfort...	30.50	26	W	6	o	30.39	-.09	29	29	+7	WSW	4	f	•	?29	?22	•	•	.
	Lyons	30.56	30	NNE	1	o	30.44	-.12	30	29	+6	E	1	o	•	32	?24	•	•	-
	Nice	30.25	38	2	o	b	30.13	-.10	39	31	+10	W	2	b	2	46	?29	•	•	-
	Perpignan	30.46	38	W	3	b	30.38	-.01	32	?	-2	NW	2	b	•	46	?32	•	•	-
	Sanguinaire ...	30.25	43	E	4	b	30.19	+.04	44	40	+1	E	4	bc	4	50	39	•	•	-
SPANISH PENIN.	Corunna																	•	•	
	Lisbon														•			•	•	
	Azores (P. Delgada)...																	•	•	
	" Horta ...	29.96	62	SE	4	r	29.99	+.08	60	59	-1	ENE	1	r	2	66	55	•	•	0.16

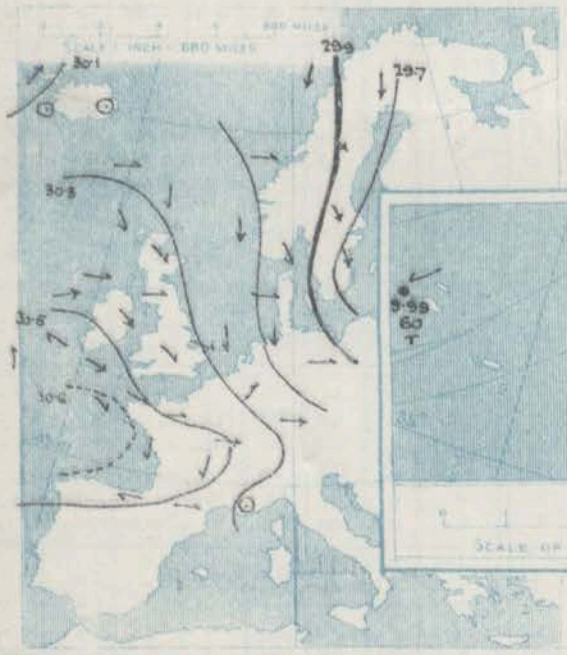
For NOTES see Page 4.

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

7 A.M. YESTERDAY

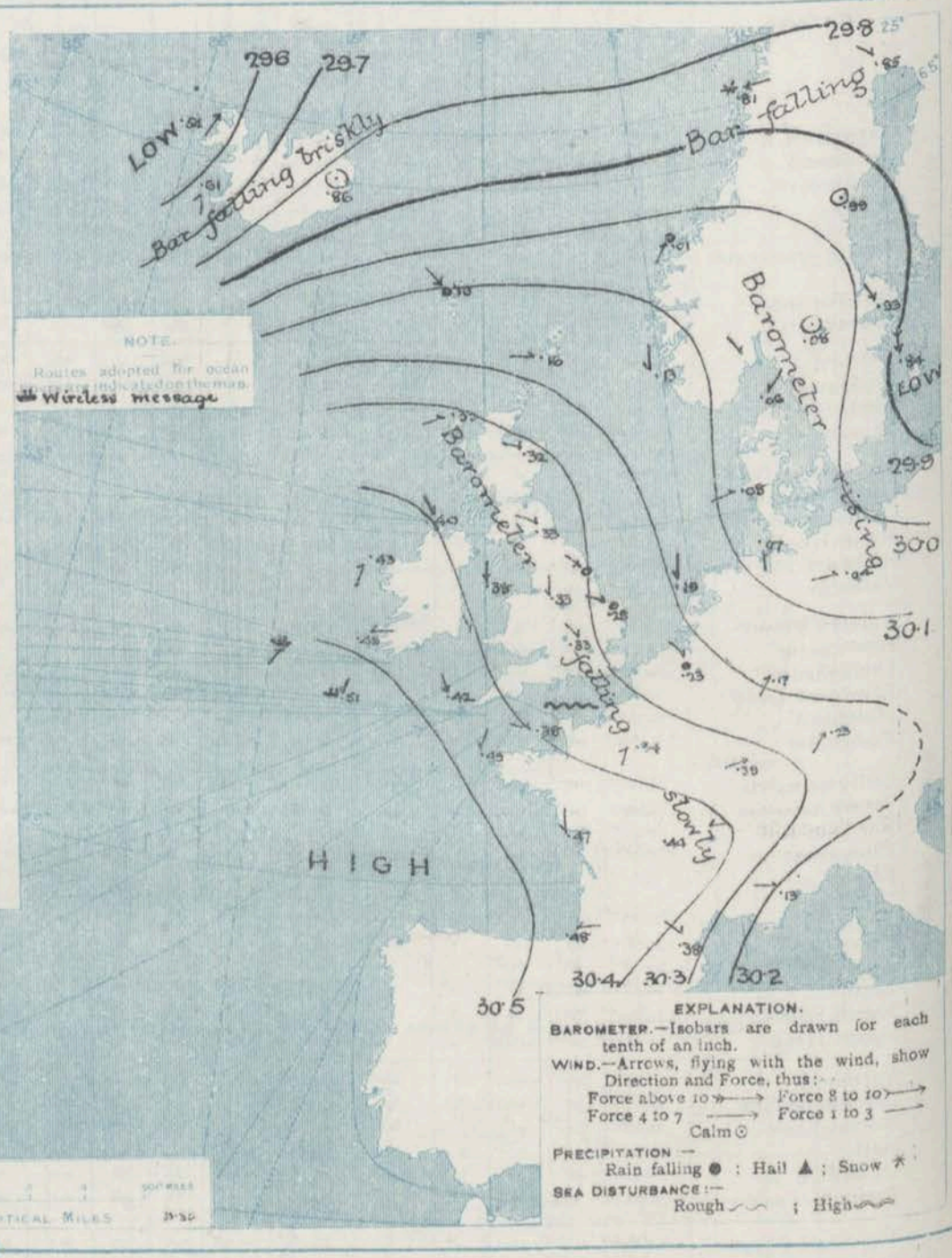


6 P.M. YESTERDAY



Thursday, WEATHER 25th Nov:

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



NOTES ON THE GENERAL SITUATION AT 7 A.M

The anticyclone has moved slowly in a southerly direction since yesterday and the barometer is now highest, 30.5 ins. and upwards, off the south-west of Great Britain and over the Bay of Biscay. A very brisk decrease of pressure has, in the meantime, taken place in Iceland, and the barometer is below 29.6 ins. in the north-west of that island.

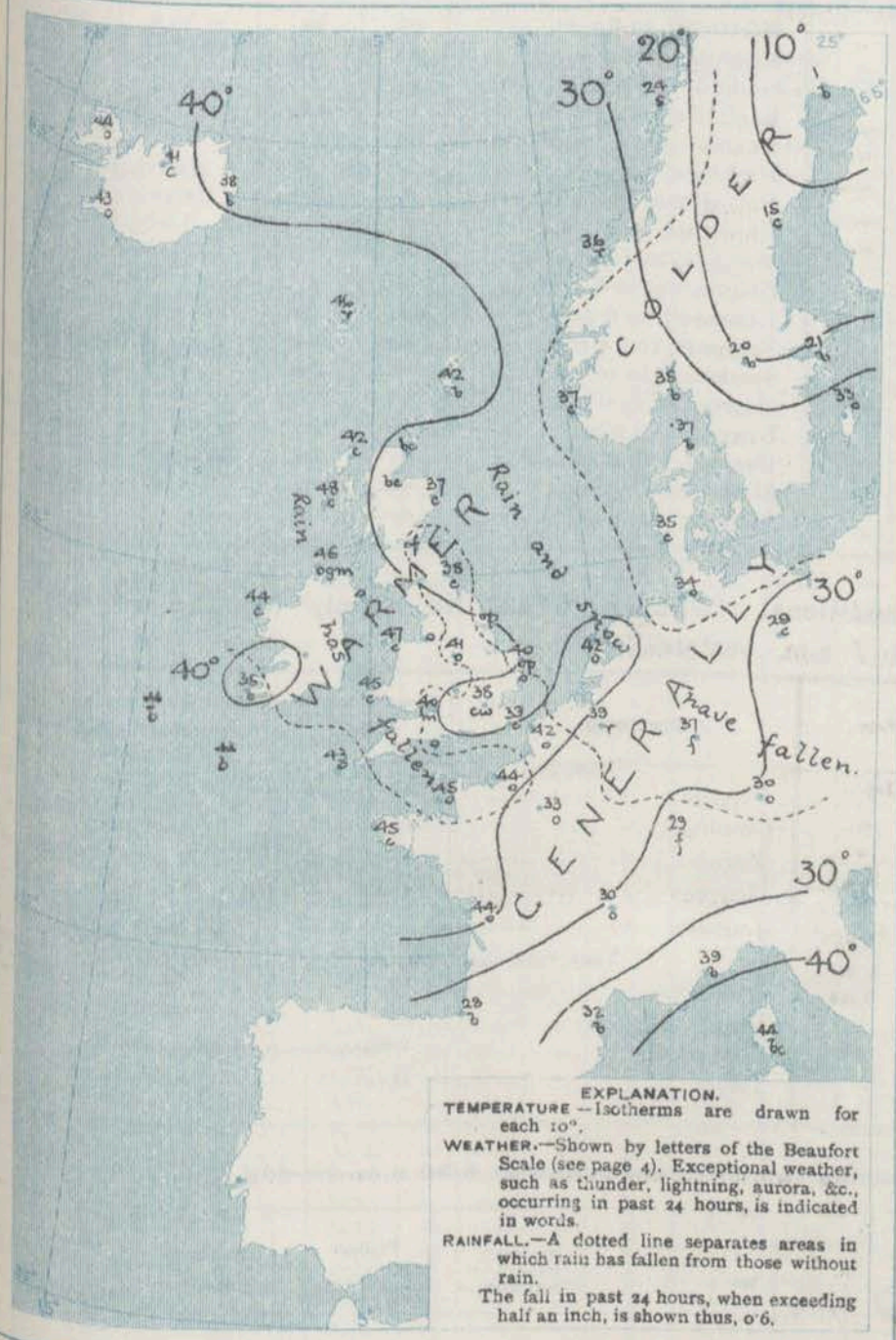
The wind is rather variable in Ireland, but over Great Britain, France, and the Netherlands it is mainly between North and north-west or West, and has little force. At Hirby a gale from north is reported, and on the north-west coast of Iceland a high wind from south-west. Temperature has risen in most England and also at many French and German stations, fallen over the of Scandinavia. Over Great Britain it ranges from 48° at Castletown to 35° at Yo at Dunge- ness. The sky is clear in the south of France and in man of Sweden, cloudy or overcast in nearly all other regions. Rain or snow is falling on the coast of Norway and rain at Thorshavn and Brussels, while showers are reported along the east coast of England.

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

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

CHARTS 25th November, 1909.

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



FORECASTS

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b): Wind between W. and N.W., fresh in places; cloudy, changeable, some rain; rather milder.

1, 2 (a, b), 3: Wind between N.W. and W., generally light or moderate; cloudy to overcast, some showers; becoming rather milder.

4 (a, b), 5: Wind mainly N.W.ly light; a good deal of cloud, some local showers; becoming rather milder, atmosphere misty and more humid.

6 (a, b): N.W.ly to W.ly winds, light or moderate; changeable, some rain; milder.

7 (a, b): Same as Nos. 4 & 5.

8 (a, b): N.ly to N.W.ly winds, light or moderate; cloudy; rather milder.

9 (a, b), 10 (a, b): Wind between N.W. and W., light to moderate or fresh; cloudy or overcast, some local showers; becoming milder.

11 WESTERN CHANNEL AND BAY.
N.W.ly and W. winds, moderate or light; sea slight or moderate; much cloud, some mist.

NOTES ON YESTERDAYS WEATHER.

During yesterday temperature rose to above 45° in many parts of Ireland and Scotland, but only touched 40° in London and at Clacton-on-Sea. Showers, generally slight, have fallen in many parts of the United Kingdom and various amounts of rain or snow in several Continental localities. Fog or haze were observed in some parts of Great Britain and Ireland. The duration of bright sunshine varied a good deal in most places there was little, but in the east and south of England and also at Harrogate the records were rather high. Wireless reports from the Atlantic show that steamers experienced moderate to fresh or strong breezes from some southerly point, with fine to overcast weather so far west as the 40th meridian.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

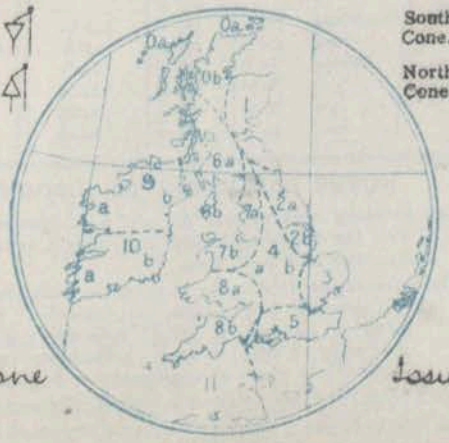
The changes in barometric pressure seem to indicate that the United Kingdom will come under the influence of cyclonic systems moving in a south-easterly direction from the Icelandic region. Less settled conditions are, consequently, to be expected shortly.

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.



Name Issued.

Weller & Graham, Ltd. Litho, London.

DAILY WEATHER REPORT. Thursday, 25th November 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	48	34	bc. e. bo	0.9	-
Dublin (City), to 4 p.m....	42	29	bc. od	-	-
Rossall Beach, to 6 p.m.					
Blackpool, to 9 p.m. ..	46	33	er. o	1.8	0.03
Southport, to 9 p.m. ...	44	39	or. c. o	0.2	0.15
Rhyl, to 6 p.m....	46	27	b. o	0.4	0.01
Colwyn Bay, to 6 p.m. ...	46	42	bc. p. o	0.0	0.05
Llandudno, to 9 p.m. ...	46	39	bc. o. or	0.0	0.05
Bettws-y-Coed, to 6 p.m.					
Towyn, to 6 p.m.	53	28	o	0.0	-
Aberystwyth, to 6 p.m. ...	47	42	x	0.0	-
Plymouth, to 9 p.m. ...					
Torquay, to 6 p.m.	48	32	x	2.2	-
Weymouth, to 6 p.m. ...	44	31	s, c	0.5	-
Bournemouth, to 6 p.m....	44	28	o. c. bc	1.6	-
Southsea, to 6 p.m.	42	31	-	0.0	-
Bognor, to 6 p.m.	40	30	b. c. o	2.5	-

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	42	30	m. bc. o	3.0	-
Brighton, to 6 p.m. ...	42	32	x	3.8	-
Seaford, to 6 p.m. ...	41	32	b	3.0	-
Eastbourne, to 6 p.m. ...	43	35	x	4.1	-
Bexhill-on-Sea, to 9 p.m.	41	30	bc	4.0	-
Hastings	x	x	x	4.2	-
Folkestone, to 6 p.m. ...	42	33	b	4.0	-
Ramsgate, to 6 p.m. ...	x	x	x	3.3	-
Margate, to 6 p.m.	41	34		1.8	-
Felixstowe, to 6 p.m. ...	41	31	x	4.5	-
Lowestoft, to 6 p.m. ...	41	32	bc. o. c	5.2	-
Skegness, to 6 p.m.... ...	43	33	bc	5.0	-
Scarborough, to 9 p.m. ...	46	36	c. bc	3.0	0.04
Harrogate, to 6 p.m. .	44	31	b. bc	5.5	-
Buxton, to 6 p.m.	40	32	bf. bc, op. c	0.2	0.02
Darwen, to 9 p.m.	41	32	bc. od, ow	0.0	0.01
Manchester, to 9 p.m. ...	44	27	bm od. o	0.0	-
Birmingham, to 9 p.m....	41	32	o. p. r	0.0	0.02

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
24th Nov. 1909.	°	°		Ins.
Madeira	68	54	o. o	-
Marseilles	39	27	b. b	-
Malta	68	55	o	-
Algiers...	63	50	b. r	0.04
Tunis	72	45	o. m	-
Palermo	66	42	b. r	0.55
Naples...	59	36	o. c	0.20
Brindisi	57	43	o. r	0.08
Rome	53	37	b. b	-
Vienna...	32	23	c. o	-
St. Petersburg	37	14	o. o	-

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
24th Nov. 1909.	°	°		Ins.
Utrecht	41	25	o. c	0.04
Groningen	43	25	o. r	0.04
Zurich...	*	*	c. c	0.04
Geneva	*	*	bc. c	-
Lugano	*	*	b. b	-
23rd Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m. 0.04
Berne	27		bc	-
Coire	28		bc	
Castasegna...	Observations not received.			
Davos	18	*	s	

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	Ins.				°	°	°	
Kroonland, Nov. 23rd 4am	50 N	20 W	29.91	SSE	6-7	-	.	.	.	.
" " 7a.m.	50 N	21 W	29.89	SSE	6-7	b	.	.	.	.
Lake Champlain, Nov. 24th 4am	55 N	13 W	30.43	E	4-5	.	.	.	.	.
" " 7am	55 N	12 W	30.45	SE	1-3	bc	.	.	.	.
" " 10am	55 N	11 W	30.47	W	1-3	-	.	.	.	.
" " 1pm	56 N	10 W	30.48	W	1-3	b	.	.	.	.
Mount Temple, Nov. 24th 3pm	50 N	18 W	30.50	S	4-5	.	.	.	.	.
" " 6pm	50 N	17 W	30.56	S	4-5	b	.	.	.	.
Cymric, Nov. 23rd 3pm	50 N	27 W	29.82	SW	6-7	.	.	.	.	.
" " 6pm	50 N	26 W	29.88	SSW	4-5	o	.	.	.	.
" 24th 4am	50 N	23 W	30.14	S	8-9	-	.	.	.	.
" " 7am	51 N	22 W	30.22	SSW	4-5	?	.	.	.	.
" " 3pm	51 N	18 W	30.37	S	4-5	-	.	.	.	.
" " 6pm	51 N	17 W	30.43	S	4-5	b	.	.	.	.

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			
Cymric, Nov. 25th 4am	51 N	14 W	30.46	SW	1-3	b
" " 7a.m.	51 N	13 W	30.43	SW	1-3	
Finland, Nov. 23rd 4am	48 N	31 W	29.65	WSW	4-5	
" " 7am	49 N	30 W	29.68	SW	4-5	
" " 3pm	50 N	27 W	29.90	S	4-5	
" " 6pm	50 N	26 W	29.96	SSE	6-7	
Nov. 24th 4am	50 N	22 W	30.22	SE	4-5	
" " 7am	50 N	21 W	30.22	SE	4-5	
" 25th 4am	50 N	13 W	30.51	ESE	1-3	
" " 7a.m.	50 N	11 W	30.51	NNE	1-3	

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

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

(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.

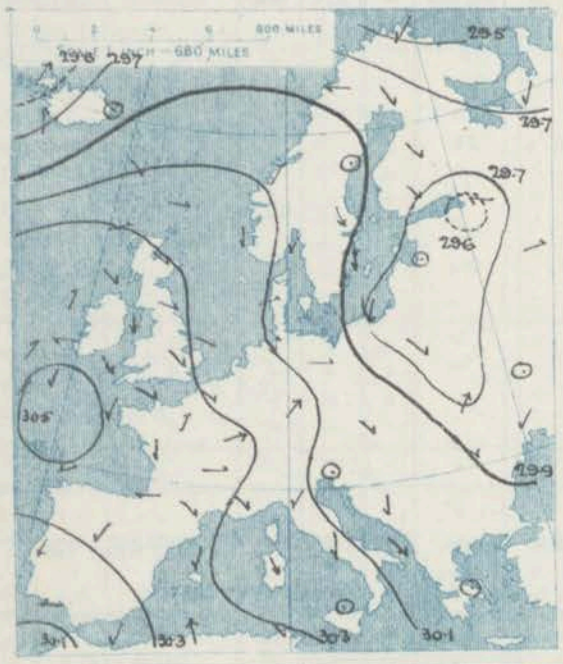
Friday, 26th November, 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.81	0	NW	2	b	29.91	+.06	2	2	+1	N	2	c	*	16	0	*	*	-
	Hernösand	29.78	26	SE	2	s	29.83	-.16	32	31	+17	SE	2	s	*	32	12	*	*	0.12
	Stockholm	29.96	19	WNW	2	bc	29.91	-.22	28	28	+7	NW	4	s	*	38	16	*	*	0.04
	Wisby...	29.97	29	N	6	c	29.72	-.12	33	33	0	WNW	6	s	*	34	25	*	*	-
	Karlstad	29.97	29	WSW	4	c	29.79	-.29	28	27	+8	NNW	4	bc	*	*	*	*	*	-
	Færder (X'tania Fjord)	29.96	37	WSW	2	o	29.82	-.24	38	35	+3	WSW	1	o	1	38	34	*	*	-
	Bodö	29.65	28	E	6	b	29.82	+.01	24	22	0	ENE	4	b	1	28	23	*	*	-
	Christiansund ...	29.85	41	SW	6	r	29.86	-.15	41	39	+5	SW	4	r	3	41	36	*	*	0.95
	Skudesnaes ...	30.05	39	SE	3	o	29.94	-.19	39	38	+2	SE	2	o	2	39	36	o	*	0.08
ICELAND & FAEROE.	Isafjord	29.19	43	SW	4	c	29.12	-.42	35	*	-9	2	0	bc	*	*	*	*	*	*
	Reykjavik	29.25	43	WSW	3	o	29.08	-.53	31	*	-12	E	1	bc	*	*	*	*	*	*
	Seydisfjord... ...	29.46	37	2	0	b	29.20	-.66	47	*	+9	SSW	3	c	*	*	*	*	*	*
	Thorshavn	29.89	46	WSW	5	r	29.55	-.55	48	*	+2	WSW	6	o	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.06	45	W	1	c	29.88	-.28	45	43	+3	W	1	o	1	47	35	o.c	*	0.22
	Stornoway	30.12	48	SW	4	cq	29.79	-.54	48	47	+6	SW	6	oq	5	48	39	cdf.cq.oq	0.6	0.03
	Castlebay (Barra Id.)	30.19	49	SW	4	o	29.84	-.54	50	48	+2	S	5	o	6	50	46	o	0.1	-
	Malin Head ...	30.24	45	SW	2	bc	29.88	-.52	43	42	-2	S	4	cm	1	49	41	bc, bcm	*	-
	Blacksod Pt. ...	30.26	49	SSW	3	c	29.85	-.58	50	49	+6	SSW	5	oq	3	51	41	c	*	-
	Valencia	30.32	46	S	2	b	30.01	-.48	49	47	+14	S	4	bc	4	52	34	b.bcp	6.8	0.01
	Roche's Point ...	30.37	41	2	0	b	30.11	-.36	48	47	+2	SW	2	o	3	54	38	hy, x.o	*	0.01
	Birr Castle ...	30.32	44	S	1	o	30.02	-.43	41	40	+1	S	1	oq	*	49	37	c, o, oq	1.8	-
	Donaghadee ...	30.31	39	SSW	1	m	30.07	-.32	42	42	0	SSE	2	bc	1	42	38	bcm, bc	*	-
	Liverpool Obsy...	30.33	43	NNW	1	o	30.15	-.21	40	38	-2	S	1	o	2	43	37	o.c.bc	0.0	0.01
	Holyhead	30.32	46	NW	2	c	30.12	-.26	45	44	-2	WSW	3	bc	2	48	42	bc.c	*	-
	Pembroke (St. Ann's Hd.)	30.33	43	N	2	bc	30.16	-.24	47	44	+2	SW	2	bc	3	50	42	cp.cq.bc	2.9	-
	Scilly (St. Mary's) ...	30.37	47	NNW	3	c	30.18	-.24	44	41	+1	WSW	2	bc	1	51	43	c	3.4	-
	Jersey (St. Aubins) ...	30.31	47	NNW	2	o	30.24	-.14	41	40	-4	NW	2	o	2	50	35	c.ogm.o	0.3	0.02
	Portland Bill ...	30.30	44	NNE	2	c	30.21	-.14	44	42	-1	S	1	o	2	47	42	c	0.3	-
	Dungeness	30.27	37	NNW	2	b	30.21	-.07	29	29	-4	NNW	2	f	3	47	36	cq.bcc.m.f	0.0	-
	Dover	*	*	*	*	*	30.24	-.04	33	32	-3	NW	1	m	1	41	30	o.f	0.0	-
	Wick	30.11	45	W	2	c	29.87	-.39	44	43	+6	W	3	bc	2	52	31	-	*	0.03
	Nairn	30.16	44	WSW	2	c	29.91	-.40	40	39	+2	WSW	1	b	1	44	36	bc.c.bc	2.2	-
	Aberdeen	30.20	36	WSW	1	b	29.98	-.34	32	32	-5	SW	1	bc	2	46	30	c.bc.bq.c	1.6	-
	Leith	30.24	40	W	1	b	30.01	-.32	31	30	-6	WNW	1	cf	*	44	30	c.bc.bm.cm	*	-
	North Shields ...	30.28	41	W	3	o	30.11	-.22	32	31	-6	SW	2	cc	2	45	30	c.o	0.3	-
	Spurn Head ...	30.26	41	WNW	3	o	30.14	-.14	38	36	-2	W	2	o	2	43	37	c.cm.cm	*	-
	Yarmouth	30.27	41	WNW	2	c	30.19	-.09	36	36	-4	WSW	2	c	4	45	35	bc.c.cm	0.0	-
	Clacton-on-Sea ...	30.28	39	WNW	1	bc	30.20	-.09	35	34	-2	WNW	1	m	0	43	30	oq.cm.bc.cm	0.1	-
	Nottingham ...	30.30	41	NNW	1	c	30.18	-.15	38	38	-3	W	1	mw	*	44	33	o.cm.o	1.0	-
	Bath	30.36	36	2	0	m	30.22	-.15	37	37	-3	2	0	m	*	47	32	-	2.5	-
	Oxford	30.33	35	2	0	*	30.22	-.14	39	37	0	WSW	1	o	*	44	35	c	*	-
	London (St. James's Pk)	30.30	37	2	0	omc	30.22	-.11	34	34	-4	WSW	1	bcmw	*	44	31	c.omc.fbc	0.0	-
GERMANY, &c.	The Scaw (Skagen)	30.01	35	WSW	2	o	29.84	-.22	41	40	+4	WNW	1	o	1	41	32	*	*	-
	Fanö	30.12	31	SE	2	c	30.00	-.08	39	38	+4	W	2	o	*	39	28	*	*	-
	Cuxhaven†... ...	30.13	35	SW	1	b	30.06	-.01	36	36	+2	SW	2	od	*	39	32	*	*	-
	The Helder ...	30.21	42	NNW	1	bc	30.15	-.04	43	41	+1	NW	1	bc	1	45	37	*	*	0.04
	Brussels	*	*	*	*	*	30.22	-.01	35	35	-4	SW	1	c	*	45	33	*	*	0.04
	Berlin†...	30.12	29	2	0	r	30.14	+.10	23	21	-6	2	0	b	*	27	23	*	*	-
	Frankfurt†... ...	30.22	34	SW	3	m	30.21	+.04	33	27	-4	SW	3	f	*	41	32	*	*	-
	Munich†	30.25	31	SW	4	o	30.26	+.03	31	24	+1	SW	2	o	*	32	30	*	*	0.03
FRANCE.	C. Gris Nez ...	30.28	41	NNW	4	bc	30.23	-.08	41	39	-1	WNW	2	o	2	43	39	*	*	-
	La Hève	30.28	43	NNE	3	c	30.24	-.11	35	33	-9	NE	1	f	1	44	32	*	*	-
	Brest	30.36	47	NNE	3	c	30.26	-.23	45	43	0	NE	2	o	1	50	41	*	*	-
	Lorient	?	46	N	4	c	?	?	44	43	-1	E	3	o	2	48	43	*	*	-
	Rochefort	30.34	44	NNW	1	o	30.17	-.30	41	40	-3	ENE	3	o	*	48	37	c.o	*	-
	Biarritz	30.36	41	ENE	3	o	30.22	-.26	39	37	+11	SW	2	c	2	48	?28	*	*	-
	Paris	30.28	39	SW	1	c	30.26	-.08	36	36	+3	ENE	1	o	*	42	?33	*	*	0.04
	Belfort...	30.31	32	W	3	s	30.31	-.08	28	28	-1	2	0	f	*	32	27	*	*	0.04
	Lyons	30.34	34	NE	1	o	30.28	-.16	33	32	+3	E	1	c	*	?48	33	*	*	-
	Nice	30.10	38	NE	3	cbr	30.11	-.02	35	33	-1	E	2	b	0	50	37	*	*	-
	Perpignan														*			*	*	
	Sauguinaire ...	30.15	46	?	4	m	30.11	-.08	47	43	+3	E	2	m	6	50	41	*	*	-
SPANISH PENIN.	Corunna																	*	*	
	Lisbon														*			*	*	
	Azores (P. Delgada)...																	*	*	
	" Horta ...	30.07	62	NE	2	b	30.08	+.09	61	59	+1	NNE	2	b	2	68	40	*	*	-

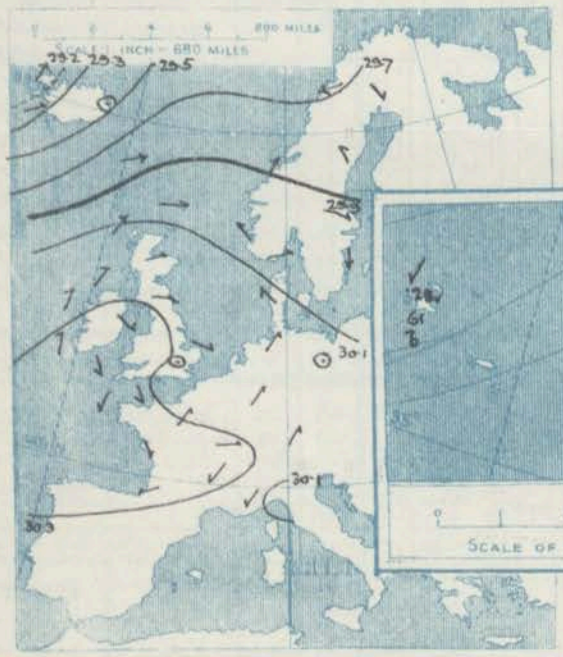
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

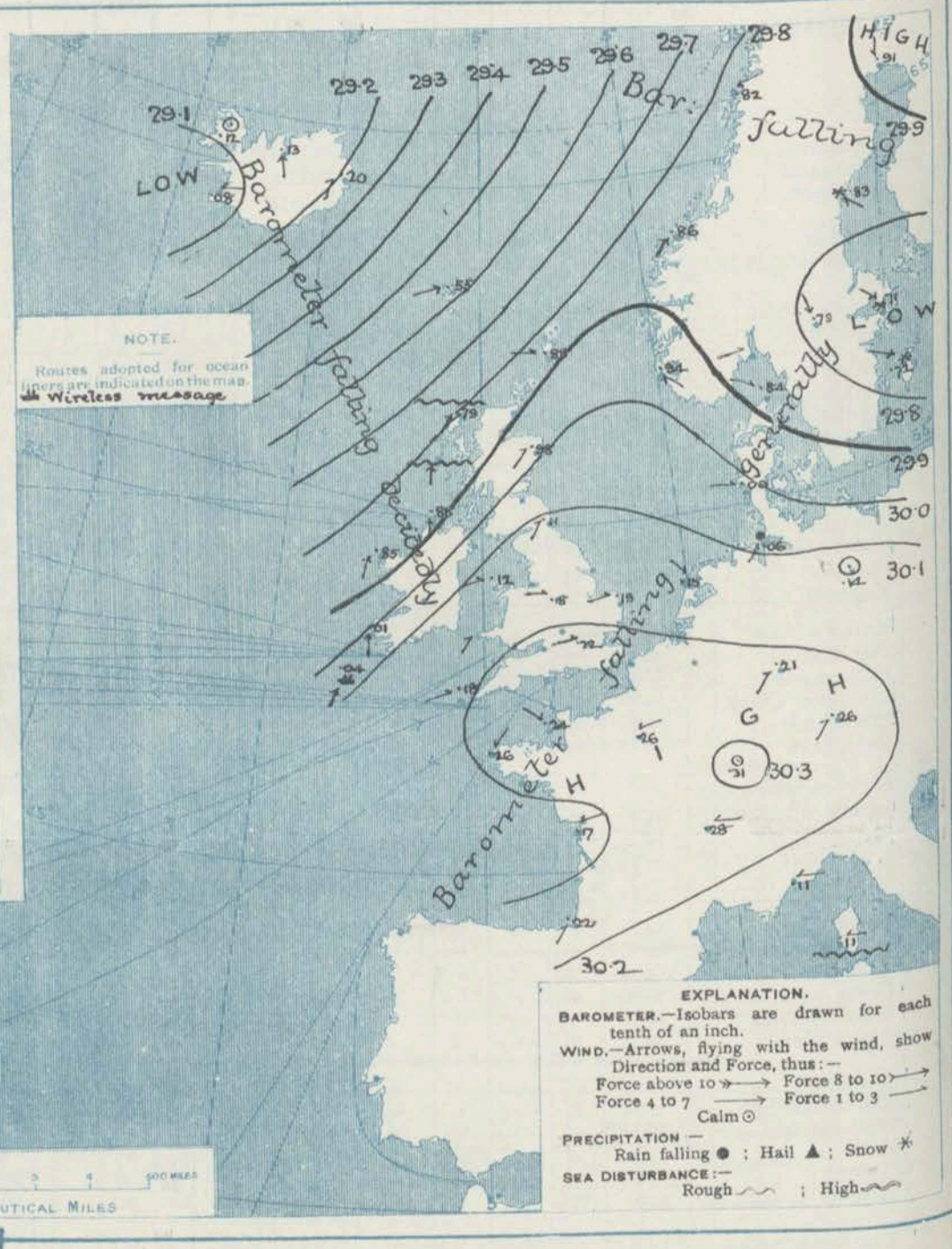


6 P.M. YESTERDAY



Friday WEATHER 26th Nov.

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



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

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

NOTES ON THE GENERAL SITUATION AT 7 A.M

A large cyclonic system is extending over these islands from the West, and the barometer has fallen about 0·5 inch since yesterday morning along our extreme western and northwestern coasts and also between Scotland and Iceland. The readings now range from above 30·2 ins. over France and the adjacent portions of Germany and England to below 29·8 ins. over the upper part of the Baltic, and to below 29·1 ins. in the west of Iceland.

The wind is S.ly or S.W.ly in most parts of the United Kingdom, but is still W.ly in the east and southeast of England, it blows freshly or strongly in the extreme northwest, and a strong breeze from W.S.W. also prevails at Thorshavn. Over our area generally the wind has little force. Temperature has risen quickly in the west of Ireland, fallen somewhat in most parts of Great Britain. It now ranges from 50° at Blacksod Point and Castlebay to about 32° on the northeast coast of Great Britain, and to 29° at Dungeness. The sky is very cloudy over our area as a whole, but fair to fine in many parts of Scotland. Rain is falling at Cuxhaven and Christiansund, and snow at Hernosand and Brussels.

CHARTS

26th November, 1909.

2. Temperature and Weather at 7 A.M. To Day.

Notes on Yesterday's Weather.

The maximum temperatures for the twenty-four hours were about 50° in several western and northern localities, but very little above 30° in the south-east of the kingdom. Slight frost occurred at night in many parts of Great Britain. A little rain has fallen in a few parts of this country, and nearly an inch at Christiansund. Scarcely any bright sunshine was recorded over the United Kingdom as a whole, but at Harrogate and Oban there were about 4 hours, and at Valencia more than 6 hours. Lunar haloes were observed in some parts of the country. Wireless reports from the Atlantic show that steamers experienced moderate to strong winds from between South and South-west, with fair to dull weather as far west as the 20th meridian.

General Inference from the 7 A.M. Observations.

The large depression to the west and northwest of these islands will continue to extend over the whole Kingdom, bringing about an increase of wind from between S. and W., and less settled and milder weather generally.

Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 a, b: S.W.ly winds, fresh or strong to high; mild, rain at times.

1: Wind mainly S.W.ly, freshening; weather becoming dull, with some rain; milder.

2 a, b; 3; 4 a, b; 5: Wind freshening gradually from between S. and W.; a good deal of cloud, some rain by to-night or to-morrow, mist locally; temperature rising.

6 a, b: Same as No. 1.

7 a, b; 8 a, b: S.W.ly winds, becoming fresh or strong; fair, then some rain, mist locally; milder.

9 a, b; 10 a, b: S.ly and S.W.ly winds, fresh or strong, high locally; changeable, rain at times; milder.

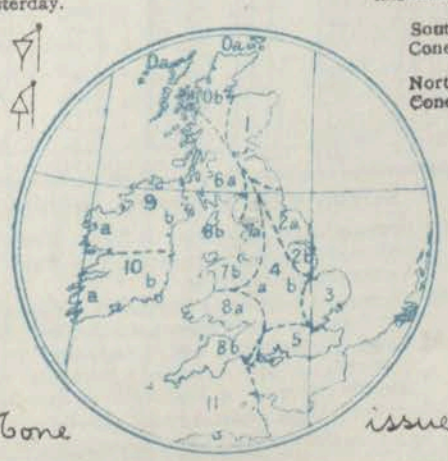
11 WESTERN CHANNEL AND BAY.
Wind increasing from the S.W.rd; sea slight to rather rough; cloudy, some mist, rain later; milder.

Forecast Districts.

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

Signals hoisted yesterday.
South Cone.
North Cone.

Signals hoisted this morning.
South Cone.
North Cone.



None issued.

Weller & Graham, Ltd. Litho, London

DAILY WEATHER REPORT. Friday, 26th November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	48	36	bc. b	4.1	-
Dublin (City), to 4 p.m. ...	44	38	ogd. c	*	0.01
Rossall Beach, to 6 p.m.	45	35	c. o. c	*	0.02
Blackpool, to 9 p.m. ...	43	37	o. c. o	0.2	-
Southport, to 9 p.m. ...	42	39	o. bc. em	0.0	-
Rhyl, to 6 p.m.	46	39	o. c. o	0.2	-
Colwyn Bay, to 6 p.m. ...	46	43	bc. o. b	0.0	0.05
Llandudno, to 9 p.m. ...	46	41	o. bc	0.0	0.02
Bettws-y-Coed, to 6 p.m.	48	40	c. b	0.0	*
Towyn, to 6 p.m.	46	40	p. o	0.0	0.02
Aberystwyth, to 6 p.m. ...	46	42	*	0.0	0.02
Plymouth, to 9 p.m. ...	47	38	od. bc	0.3	0.10
Torquay, to 6 p.m.	48	37	*	0.9	-
Weymouth, to 6 p.m. ...	46	40	c. bc	0.3	-
Bournemouth, to 6 p.m. ...	46	34	o	0.0	-
Southsea, to 3 p.m.	46	34	*	0.0	0.01
Bognor, to 6 p.m.	45	34	bc. o. em	0.7	0.01

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	43	32	c. o	1.8	-
Brighton, to 6 p.m. ...	43	36	*	0.3	-
Seaford, to 6 p.m. ...	43	36	b	0.3	-
Eastbourne, to 6 p.m. ...	43	38	*	0.0	-
Bexhill-on-Sea, to 9 p.m.	43	33	m, bm	0.0	-
Hastings	*	*	*	0.0	-
Folkestone, to 6 p.m. ...	41	33	o. bc	0.0	-
Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Margate, to 6 p.m.	42	37	m. b	0.2	-
Felixstowe, to 6 p.m. ...	43	34	*	0.9	-
Lowestoft, to 6 p.m. ...	45	36	c. o. cp. c	1.1	0.01
Skegness, to 6 p.m.	44	38	c. bc. c	2.0	-
Scarborough, to 9 p.m. ...	45	39	o. c	0.4	0.15
Harrogate, to 6 p.m. ...	48	35	bc. c	4.2	-
Buxton, to 6 p.m.	40	31	b. c. og. o	0.0	-
Darwen, to 9 p.m.	40	33	bc. og. ow	0.0	-
Manchester, to 9 p.m. ...	48	34	om. o	0.0	-
Birmingham, to 9 p.m. ...	43	39	o	0.0	0.10

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
25th Nov. 1909.				
Madeira	66	50	bc. bc	-
Marseilles	43	39	b. b	-
Malta	not	received		
Algiers...	57	45	bc. bc	-
Tunis	57	39	f. bc	-
Palermo	61	39	b. b	-
Naples...	47	35	b. b	-
Brindisi	55	47	r. c	-
Rome	48	33	b. b	-
Vienna...	30	28	o. b	-
St. Petersburg	27	9	o. s	0.04

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain. Ins.
25th Nov. 1909.				
Utrecht	45	34	c. m	0.50
Groningen	46	37	c. o	0.20
Zurich...	*	*	o. o	0.04
Geneva	*	*	o. o	-
Lugano	*	*	b. b	-
29th Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	27	*	s	-
Coire	25	*	s	-
Castasegna...	36	*	b	-
Davos	48	*	s	0.04

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Dublin (Nov. 23rd 4 a.m.)	50 N	28 W	29.50	SSE	1-3	-				
" " 7 p.m.	50 N	29 W	29.50	SSE	1-3	c				
St. Paul (Nov. 23rd 4 a.m.)	50 N	29 W	29.52	SE	1-3	-				
" " 7 p.m.	50 N	30 W	29.65	W	4-5	bc				
Montrose (Nov. 23rd 4 a.m.)	44 N	32 W	29.62	WSW	12	-				
" " 7 p.m.	46 N	32 W	29.79	WSW	12	bc				
" " 3 p.m.	4[illegible] N	35 W	29.67	WNW	10-11	-				
" " 6 p.m.	4[illegible] N	35 W	29.75	WNW	10-11	o				
Greenland (Nov. 23rd 4 a.m.)	50 N	20 W	29.91	SSE	6-7	-				
" " 7 p.m.	50 N	21 W	29.89	SSE	6-7	b				
" " 3 p.m.	50 N	24 W	30.06	WSW	6-7	-				
" " 6 p.m.	50 N	25 W	30.05	WSW	8-9	o				
Mount Temple (Nov. 23rd 4 a.m.)	5[illegible] N	27 W	29.65	E	6-7	-				
" " 7 p.m.	50 N	28 W	29.81	WSW	6-7	bc				
" " 3 p.m.	51 N	24 W	30.09	E	6-7	-				
" " 6 p.m.	51 N	23 W	30.17	S	6-7	bc				
" 25th 4 a.m.	51 N	21 W	30.23	SSE	4-5	-				
" " 7 p.m.	50 N	20 W	30.37	S	4-5	o				

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.
Mount Temple (Nov. 24th 3 p.m.)	50 N	11 W	30.09	S	4-5	
" " 6 p.m.	50 N	10 W	30.09	SSW	4-5	
" 25th 4 a.m.	50 N	14 W	30.57	S	1-3	
" " 7 a.m.	50 N	13 W	30.56	S	1-3	
Montfort (Nov. 23rd 3 p.m.)	50 N	31 W	29.74	S	4-5	
" " 6 p.m.	50 N	30 W	29.78	S	4-5	
" 24th 4 a.m.	50 N	27 W	29.98	SSW	1-3	
" " 7 a.m.	50 N	26 W	30.08	SW	6-7	
" " 3 p.m.	50 N	23 W	30.24	S	4-5	
" " 6 p.m.	50 N	22 W	30.26	S	4-5	
" 25th 4 a.m.	50 N	20 W	30.27	S	4-5	
" " 7 a.m.	50 N	18 W	30.37	S	4-5	bc
" " 3 p.m.	50 N	16 W	30.34	SSW	4-5	
" " 6 p.m.	50 N	15 W	30.28	SSW	6-7	
" 26th 4 a.m.	50 N	11 W	30.10	SSW	6-7	
" " 7 a.m.	50 N	10 W	30.04	SSW		
Montcalm (Nov. 24th 4 a.m.)	51 N	28 W	30.06	SW	4-5	bc
" " 7 a.m.	51 N	27 W	30.09	SW	4-5	
" " 3 p.m.	51 N	25 W	30.22	SSW	6-7	
" " 6 p.m.	51 N	24 W	30.27	SSW	6-7	
" 25th 4 a.m.	51 N	21 W	30.31	SSW	4-5	
" " 7 a.m.	51 N	20 W	30.31	SSW	4-5	
" " 3 p.m.	51 N	17 W	30.26	SSE	8-9	
" " 6 p.m.	51 N	16 W	30.26	WSW	8-9	

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

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

(b) 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.

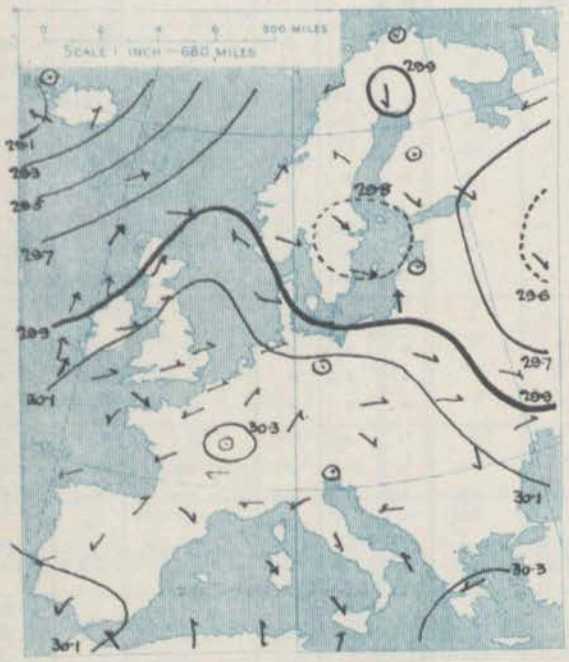
Saturday 27th November, 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30.11	-4	N	2	b	30.17	+.26	0	0	-2	N	2	b	•	7	-6	•	•	-
	Hernösand	30.10	14	N	2	b	30.24	+.41	1	0	-31	2	0	bc	•	?32	?1	•	•	0.04
	Stockholm	29.97	23	WNW	2	o	30.15	+.44	17	15	-11	NW	4	b	•	30	?17	•	•	-
	Wisby...	29.89	30	NNW	6	bo	30.12	+.40	30	27	-3	NNW	6	bc	•	36	23	•	•	0.04
	Karlstad	30.02	29	2	0	c	30.21	+.42	27	25	-1	E	2	o	•	•	•	•	•	-
	Færder (X'tania Fjord)	29.95	39	SSE	1	o	30.09	+.27	35	33	-3	SSE	4	m	2	39	34	•	•	-
	Bodö	30.01	22	ENE	4	b	30.04	+.22	20	18	-14	E	4	b	2	?24	18	•	•	-
	Christiansund ...	29.91	41	2	0	r	29.96	+.10	41	40	0	2	0	o	3	41	39	•	•	0.24
	Skudesnaes ...	29.97	42	ESE	2	o	29.98	+.04	44	44	+5	S	4	o	3	44	37	o	•	0.08
ICELAND & FAEROE.	Isafjord	29.15	30	2	0	b	29.24	+.12	27	•	-8	2	0	b	•	•	•	•	•	•
	Reykjavik	29.04	29	NE	4	b	29.13	+.05	28	•	-3	NE	1	b	•	•	•	•	•	•
	Seydisfjord... ...	29.06	40	ENE	4	bc	29.25	+.05	35	•	-12	SE	3	r	•	•	•	•	•	•
	Thorshavn	29.44	47	S	6	r	29.39	-.16	41	•	-7	W	2	o	•	•	•	•	•	•
BRITISH ISLANDS.	Sumburgh Head	29.77	45	SSW	2	o	29.61	-.27	46	45	+1	SE	6	o	6	48	35	o, c	•	0.01
	Stornoway	29.60	48	SSW	7	oq	29.49	-.30	41	40	-7	SSW	5	bc	6	49	40	o,q,oq,bqq	0.0	0.18
	Castlebay (Barra Id.)	29.64	49	S	5	o	29.50	-.34	41	40	-9	SSW	4	op	6	50	40	op	0.0	0.05
	Malin Head ...	29.62	46	S	6	omq	29.55	-.33	38	37	-5	S	6	bcq	4	47	37	bem, orm, bc	•	0.12
	Blacksod Pt. ...	29.61	49	WSW	6	rq	29.56	-.29	42	39	-8	SSW	5	c	4	53	39	or. op	•	0.42
	Valencia	29.69	49	WNW	6	r	29.75	-.26	44	42	-5	SW	4	op	4	51	38	og. orm	0.8	0.61
	Roche's Point ...	29.87	47	SW	6	c	29.81	-.30	45	45	-3	SW	4	r	5	50	41	cp. or.	•	0.21
	Birr Castle ...	29.78	45	S	4	o	29.71	-.31	38	37	-3	SSW	4	bc	•	49	35	r. c. r. bc	1.2	0.19
	Donaghadee ...	29.87	47	SSW	2	c	29.72	-.35	39	39	-3	SSW	2	bc	2	51	32	c. cp. bc	•	0.07
	Liverpool Obsy...	30.04	42	SSE	3	o	29.86	-.29	41	39	+1	SSE	4	r	3	45	37	bc. c. b	2.3	0.02
	Holyhead	29.95	47	SSW	5	rgm	29.81	-.31	42	41	-3	SW	4	o	3	50	40	cp. rgm	•	0.44
	Pembroke (St. Ann's Hd.)	30.00	49	SSW	7	c	29.87	-.29	44	43	-3	SSW	3	c	6	51	42	bc. cpq. cq	1.9	0.29
	Scilly (St. Mary's) ...	30.06	48	SSW	4	oc	29.94	-.24	45	43	+1	SSW	3	c	1	52	43	c. o	7.0	0.08
	Jersey (St. Aubins) ...	30.18	44	ESE	2	bc	30.11	-.13	41	40	0	SSE	3	o	3	49	36	cgm. bc. oq	5.3	-
	Portland Bill ...	30.11	47	SSE	2	o	30.00	-.21	46	46	+2	SSW	5	c	4	48	44	c. o	1.0	-
	Dungeness	30.15	42	WNW	1	m	30.13	-.03	40	39	+11	SSW	4	o	4	43	28	f. em. 3. oc	0.0	-
	Dover	*	*	*	*	*	30.17	-.07	39	36	+6	SW	3	o	3	42	33	o	0.0	-
	Wick	29.76	45	SW	3	bc	29.56	-.31	44	42	0	S	4	o	4	48	42	-	•	-
	Nairn	29.76	45	WSW	2	bc	29.57	-.34	45	43	+5	W	2	c	1	49	39	bc. b. bc. pq	4.2	0.01
	Aberdeen	29.88	41	SSW	2	b	29.70	-.28	45	42	+13	SSE	4	o	2	45	31	bg. c. o	2.4	-
	Leith	29.88	44	SW	1	b	29.68	-.33	43	41	+12	S	4	om	•	48	29	c. bc. b	•	-
	North Shields ...	30.01	38	SSW	3	c	29.83	-.28	38	37	+6	SSW	4	c	2	44	30	cm. m	1.0	-
	Spurn Head ...	30.08	42	SSW	3	o	29.97	-.17	40	39	+2	S	5	o	3	45	37	om. bcm. m	•	-
	Yarmouth	30.13	38	WSW	2	cm	30.13	-.06	40	39	+4	SW	3	bc	4	40	35	cm. bc	4.8	-
	Clacton-on-Sea ...	30.16	40	WNW	2	m	30.12	-.08	40	38	+5	S	4	bc	3	42	34	om. bc	0.0	-
	Nottingham ...	30.11	41	SW	1	c	29.97	-.21	40	39	+2	SW	5	c	•	43	33	f. c. b	0.0	-
	Bath	30.13	44	2	0	m	30.01	-.21	41	39	+4	S	3	o	•	47	35	-	1.0	-
	Oxford	30.14	39	SSE	2	c	30.05	-.17	36	35	-3	SSE	3	b	•	44	36	o. e. bcm. b	•	-
	London (St. James's Pk)	30.16	43	WSW	1	o	30.10	-.12	41	39	+7	S	3	o	•	44	39	om. o	0.0	-
GERMANY, &c.	The Scaw (Skagen)	29.95	39	E	1	bc	30.08	+.24	36	35	-5	SSE	3	o	1	43	36	•	•	-
	Fanö	30.02	42	WNW	4	o	30.10	+.10	42	41	+3	W	2	o	•	43	39	•	•	0.08
	Cuxhaven†... ...	30.07	40	W	2	o	30.14	+.08	39	95	+3	WSW	2	m	•	43	?36	•	•	0.04
	The Helder ...	30.15	37	W	1	b	30.14	-.01	43	41	0	SW	3	o	2	46	32	•	•	-
	Brussels	*	*	*	*	*	30.22	.00	32	32	-3	S	1	b	•	38	31	•	•	0.04
	Berlin†..	30.02	36	W	3	r	30.10	-.04	39	98	+16	W	1	r	•	39	21	•	•	0.28
	Frankfurt†	30.24	36	SW	4	m	30.26	+.05	34	93	+1	SW	4	f	•	39	32	•	•	-
	Munich†	30.31	29	W	2	c	30.37	+.11	20	97	-11	SW	1	b	•	34	16	•	•	-
FRANCE.	C. Gris Nez ...	30.19	40	S	5	m	30.17	-.06	35	32	-6	S	4	o	3	43	34	•	•	-
	La Hève	30.23	37	SE	1	om	?30.20	-.04	37	34	+2	SE	3	b	1	43	32	•	•	-
	Brest	30.17	43	SSE	3	o	30.06	-.20	47	45	+2	SE	5	•	3	48	43	•	•	0.04
	Lorient	?	41	SE	3	bc	?	?	39	39	-5	SW	3	o	2	50	37	•	•	-
	Rochefort	30.14	44	E	2	o	30.13	-.04	44	41	+3	SE	3	o	•	48	36	o	•	-
	Biarritz	30.16	45	E	1	o	30.16	-.06	37	?35	-2	SE	3	b	1	48	34	•	•	-
	Paris	30.25	38	S	1	o	30.21	-.05	32	30	-4	SSE	1	b	•	40	31	•	•	-
	Belfort...	30.29	31	W	3	f	30.30	-.01	26	26	-2	ENE	4	m	•	33	26	•	•	-
	Lyons	30.27	36	N	2	o	30.31	+.03	26	26	-7	NE	1	f	•	37	25	•	•	-
	Nice ‡	30.10	41	ENE	4	b	30.19	+.08	37	31	-1	E	4	b	3	52	36	•	•	-
	Perpignan	30.17	37	S	1	b	30.17	+.09	36	35	-3	SW	1	b	•	51	32	•	•	-
	Sauguinaire ...	30.14	48	E	2	o	30.16	+.05	49	45	+2	E	3	bc	3	55	43	•	•	0.08
SPANISH PENIN.	Corunna ‡	30.10	50	ENE	1	b	30.19	-.04	37	36	+7	ENE	1	b	2	52	?37	•	•	-
	Lisbon														•			•	•	
	Azores (P. Delgada)...																	•	•	
	" Horta ...	30.19	63	NE	5	o	30.28	+.20	59	54	-2	NE	5	o	3	66	59	•	•	-

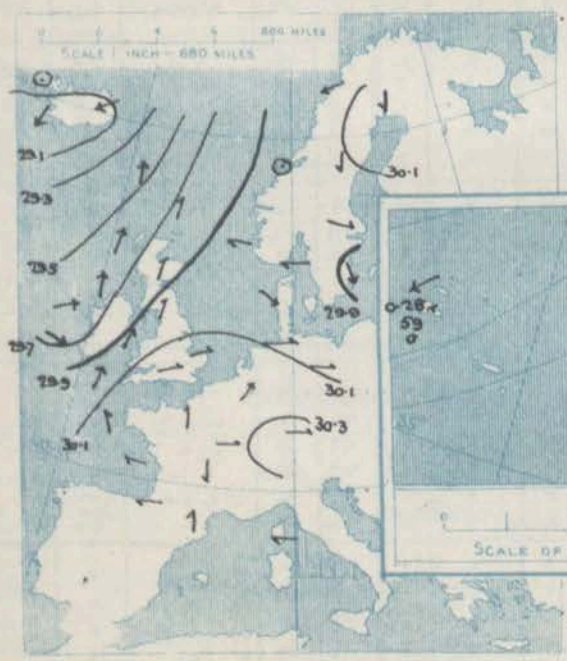
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

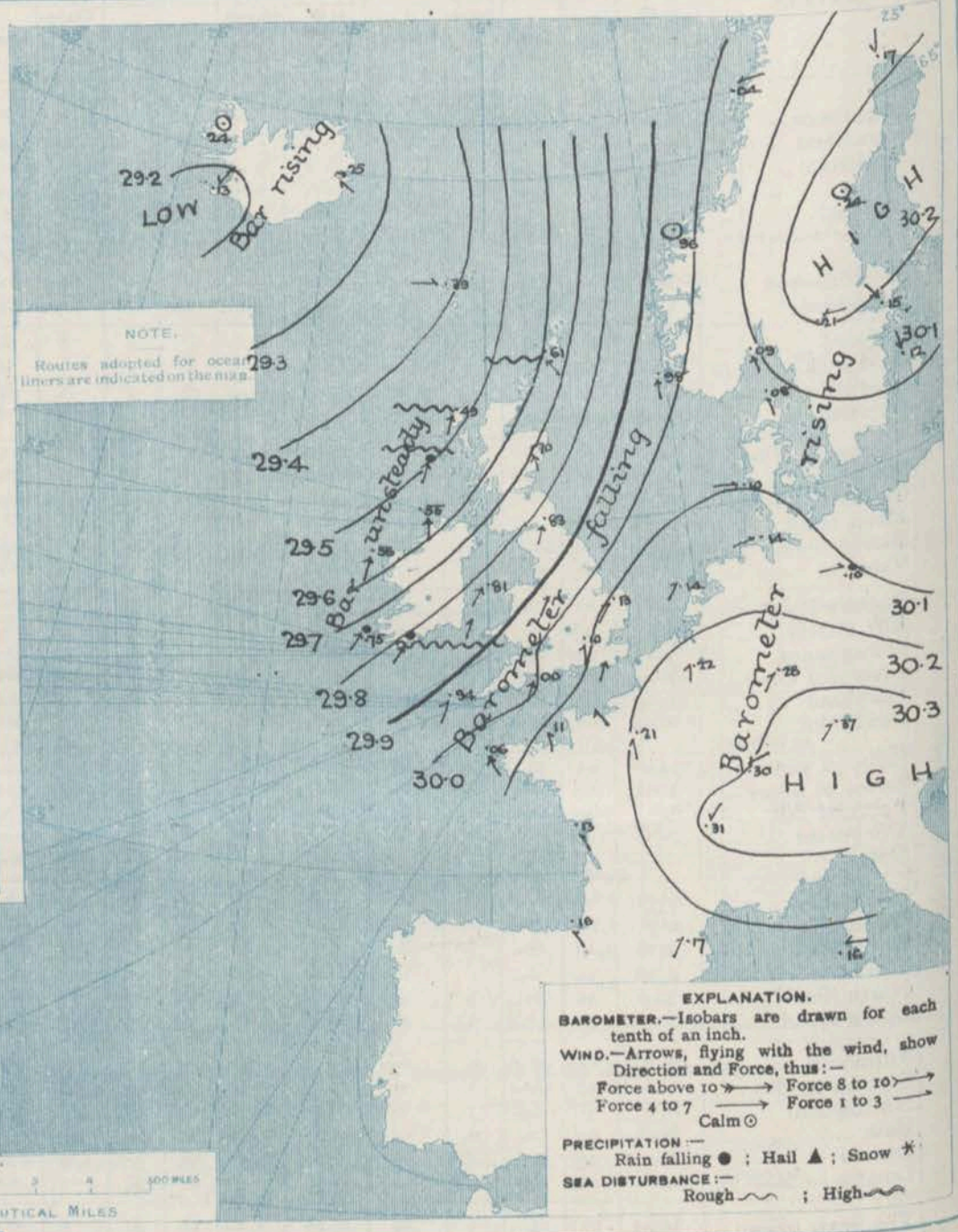


6 P.M. YESTERDAY.



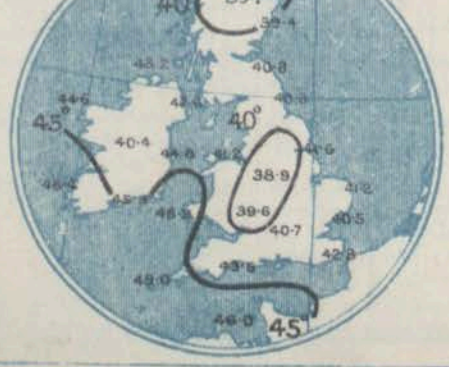
Saturday, WEATHER 27th Nov:

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



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

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



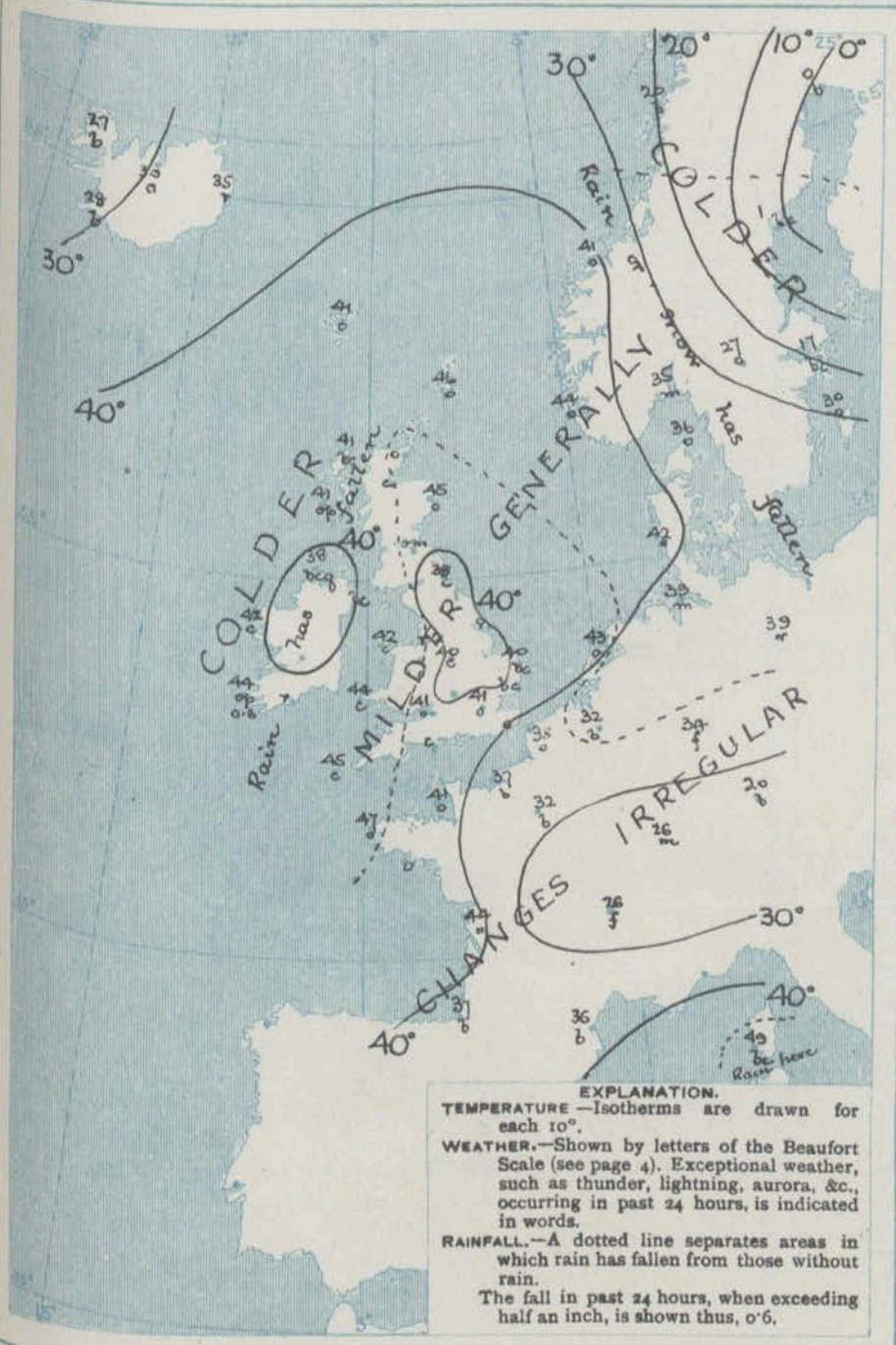
NOTES ON THE GENERAL SITUATION AT 7 A.M

Since yesterday morning the barometer has continued to fall over our islands, while it has risen somewhat over Germany, and quickly over Sweden. The readings now range from above 30·3 ins. in Bavaria, and above 30·2 ins. over a considerable portion of Sweden to below 29·3 ins. in Iceland.

The wind is S.ly or S.W.ly in almost all parts of the United Kingdom and over the North Sea; it blows freshly or strongly at a few places on our northern and northwestern coasts. Over the western countries of the Continent the wind is more variable in direction. Temperature has fallen in Ireland, risen in most parts of Great Britain. Over these islands it ranges from 46° at Portland Bill and Sumburgh Head to below 40° in a few localities in Ireland and England. The weather is fair in a few parts of the United Kingdom, but much cloud prevails generally, and rain is falling at some western and north-western stations. Fair to fine weather is reported over a considerable portion of the Continent, but the sky is overcast in Denmark and Norway, and rain is falling in Berlin.

CHARTS 27th November, 1909.

2. Temperature and Weather at 7 A.M. To Day.



10-27

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): S.ly and S.W.ly winds, fresh or strong at times; dull, some rain; rather mild.

1, 2 (a, b): Wind mainly S.ly, light or moderate; generally cloudy or dull, some rain; moderate or rather high temperature.

3, 4 (a, b), 5: Wind between S. and S.W., light or moderate; a good deal of cloud, some rain later; moderate temperature.

6 (a, b): Same as Nos. 1 & 2.

7 (a, b), 8 (a, b): S.ly and S.W.ly winds, fresh at times; cloudy or overcast, some rain and mist; moderate or mild temperature.

9 (a, b), 10 (a, b): S.ly and S.W.ly winds, fresh or strong in places; changeable, rain at times; moderate temperature.

11 WESTERN CHANNEL AND BAY.
Wind mainly between S. and S.W., moderate or fresh; sea moderate; cloudy or dull, some rain and mist.

Notes on Yesterday's Weather.

During yesterday temperature rose to about 50° in the west and north of these islands, but only touched 40° at Great Yarmouth. Rain has fallen very generally in Ireland, Wales and the west of Scotland, the largest measurement being 0·6inch at Valencia. Very little bright sunshine was experienced over the country generally, but at Great Yarmouth there were nearly 5hrs. recorded, at Jersey more than 5hrs, and at Scilly 7hrs. Wireless reports from the Atlantic show that fresh to strong winds from between S.W. and W. were experienced as far west as the 18th meridian.

General Inference from the 7 A.M. Observations.

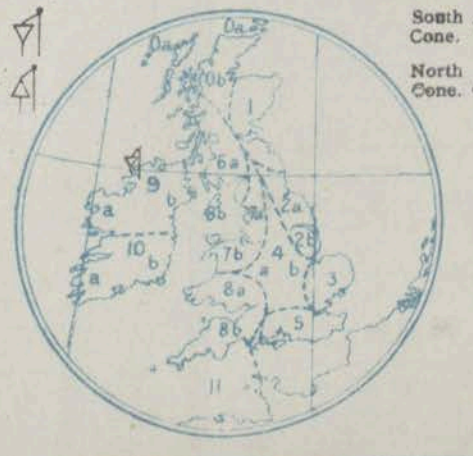
It appears likely that the general distribution of pressure will continue favourable for a S.ly type of weather conditions over the United Kingdom for the present.

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.



Weller & Graham, Ltd. Litho, London

DAILY WEATHER REPORT. Saturday, 27th November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	50	42	bc.o.c	3.0	0.01
Dublin (City), to 4 p.m. ...	50	38	o.bcp.c	*	0.01
Rossall Beach, to 6 p.m.	46	27	c	*	-
Blackpool, to 9 p.m. ...	46	28	m.c	1.1	-
Southport, to 9 p.m. ...	45	35	oE.cp	1.2	0.01
Rhyl, to 6 p.m....	50	33	o.c.o.bc	2.0	-
Colwyn Bay, to 6 p.m. ...	50	44	b	0.0	-
Llandudno, to 9 p.m. ...	49	38	o.bc.c	2.5	0.05
Bettws-y-Coed, to 6 p.m.					
Towyn, to 6 p.m	51	32	p.b.c,od	2.2	0.04
Aberystwyth, to 6 p.m. ...	47	43	*	1.7	0.02
Plymouth, to 9 p.m. ...					
Torquay, to 6 p.m.	48	40	*	1.3	-
Weymouth, to 6 p.m. ...	48	36	m.o.e.bc	1.0	-
Bournemouth, to 6 p.m. ...	46	32	f.o.c	0.3	-
Southsea, to 6 p.m.	46	32		3.0	-
Bognor, to 6 p.m.	44	32	m.o.f	0.0	0.01

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	42	30	m.f.of	0.0	-
Brighton, to 6 p.m. ...	43	30	*	0.0	-
Seaford, to 6 p.m. ...	45	28	c.o.m	0.0	-
Eastbourne, to 6 p.m. ...	44	35	*	0.0	-
Bexhill-on-Sea, to 9 p.m.	44	33	f.E	0.0	-
Hastings	*	*	*	0.0	*
Folkestone, to 6 p.m. ...	41	29	o.bc.o	0.0	0.01
Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Margate, to 6 p.m.	41	31	m	0.0	-
Felixstowe, to 6 p.m. ...	43	31	*	0.0	-
Lowestoft, to 6 p.m. ...	41	31	c.o.c	1.4	-
Skegness, to 6 p.m.... ...	41	32	m.bc.m	3.9	-
Scarborough, to 9 p.m. ...	45	35	og	2.5	0.01
Harrogate, to 6 p.m. ...	43	30	c.bc.bc.o	0.6	-
Buxton, to 6 p.m.	42	32	o.c	0.0	-
Darwen, to 9 p.m.	42	34	bc.ow.c	0.0	-
Manchester, to 9 p.m. ...	45	33	o.bc.o	0.7	-
Birmingham, to 9 p.m....	49	37	o.c	0.0	-

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
26th Nov. 1909.	°	°		Ins.
Madeira	66	48	b.b	
Marseilles	46	28	o.o	-
Malta	55	49	bc	-
Algiers...	63	50	bc.o	-
Tunis	57	37	bc.o	-
Palermo	53	47	o.bc	0.04
Naples...	47	36	b.o	0.47
Brindisi	48	35	bc.o	0.04
Rome	49	42	r.o	0.08
Vienna...	36	23	b.m	-
St. Petersburg	?	14	o.b	0.04

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
27th Nov. 1909.	°	°		Ins.
Utrecht	45	30	b.m	-
Groningen	43	34	c.o	-
Zurich...	*	*	o.o	-
Geneva	*	*	o.o	-
Lugano	*	*	b.b	-
25th Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m. 0.04
Berne	36	*	o	0.28
Coire	32	*	s	
Castasegna	Obs not received.			
Davos	25	*	s	0.48

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	Ins.				°	°	°	
? Ship Nov. 25th 4 a.m.	51 N	13 W	30.09	SE	1-3	-				
" " 7 a.m.	51 N	12 W	30.04	SW	6-7	o				
Celtic Nov. 25th 4 a.m.	48 N	37 W	30.30	2	0	-				
" " 7 a.m.	48 N	36 W	30.34	2	0	b				
" " 3 p.m.	49 N	32 W	30.22	WSW	1-3	-				
" " 6 p.m.	49 N	31 W	30.18	NW	4-5	+				
Adriatic Nov. 26th 4 a.m.	51 N	14 W	29.80	SW	6-7	-				
" " 7 a.m.	51 N	16 W	29.60	SW	6-7	o				
Montcalm Nov. 26th 4 a.m.	51 N	10 W	30.01	S	8-9	-				
" " 7 a.m.	51 N	10 W	29.89	SSW	8-9	o				
Corsican Nov. 25th 4 a.m.	53 N	23 W	30.14	W	4-5	-				
" " 7 a.m.	54 N	18 W	30.11	W	4-5	bc				
" " 3 p.m.	54 N	21 W	29.86	SW	6-7	-				
" " 6 p.m.	54 N	23 W	29.76	SW	6-7	+				
" " 26th 4 a.m.	55 N	15 W	29.65	WNW	6-7	-				
" " 7 a.m.	55 N	18 W	29.58	WNW	6-7	+				
" " 3 p.m.	55 N	14 W	29.50	SW	4-5	-				
" " 6 p.m.	55 N	13 W	29.50	SW	4-5	bc				

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			
St. Louis Nov. 25th 7 a.m.	49 N	30 W	30.22	ENE	1-3	o
" " 7 a.m.	49 N	23 W	30.13	E	1-3	-
" " 3 p.m.	49 N	25 W	30.25	SSW	4-5	o
" " 6 p.m.	49 N	23 W	30.06	WSW	8-9	+
" 26th 4 a.m.	49 N	19 W	29.94	SSW	4-5	+
" " 7 a.m.	49 N	17 W	29.73	W	4-5	+
" " 3 p.m.	50 N	13 W	29.75	NW	1-3	
" " 6 p.m.	50 N	12 W	29.79	NW		

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6 61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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.

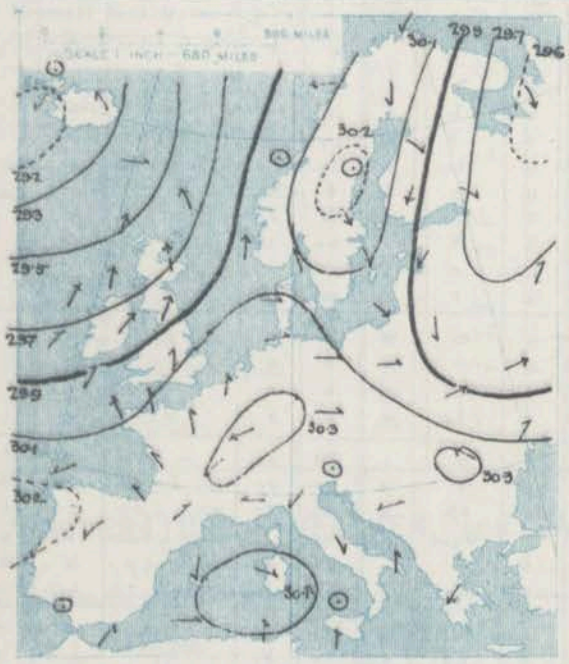
Sunday, 28th Nov., 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	30·19	9	N	2	o	30·11	−·06	5	5	+5	N	2	b	*	9	−4	*	*	–
	Hernösand	30·29	7	2	0	c	30·21	−·03	1	0	0	W	2	b	*	9	0	*	*	–
	Stockholm	30·21	16	NW	2	b	30·13	−·02	12	11	−5	NNW	2	b	*	23	?12	*	*	–
	Wisby...	30·19	29	N	4	bc	30·11	−·01	27	25	−3	E	2	bc	*	32	21	*	*	0·08
	Karlstad	30·20	26	SE	2	s	30·06	−·15	22	21	−5	E	4	s	*	*	*	*	*	0·20
	Færder (X'tania Fjord)	30·10	32	SE	3	o	29·87	−·22	31	31	−4	ESE	5	s	3	?35	30	*	*	–
	Bodö	30·15	23	E	6	b	30·06	+·02	22	20	+2	E	6	b	2	23	18	*	*	–
	Christiansund ...	29·91	42	SE	1	c	29·72	−·24	39	36	−2	ESE	3	c	3	?42	37	*	*	–
	Skudesnaes ...	29·90	43	SSE	6	o	29·63	−·35	42	40	−2	S	6	r	4	?44	41	c, o	*	–
ICELAND & FAEROE.	Isafjord	29·20	27	2	0	b	29·01	−·23	30	*	+3	E	2	c	*	*	*	*	*	*
	Reykjavik	29·10	50	2	0	c	28·86	−·27	30	*	+2	E	3	c	*	*	*	*	*	*
	Seydisfjord... ...	29·26	31	WSW	1	b	29·08	−·17	35	*	0	ENE	5	s	*	*	*	*	*	*
	Thorshavn	29·35	40	SSW	5	c	29·29	−·10	36	*	−5	2	0	bc	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29·57	43	SE	5	bc	29·40	−·21	38	37	−8	2	0	c	1	48	35	o, bc	*	0·20
	Stornoway	29·47	38	SSW	4	bc	29·35	−·14	42	41	+1	SSW	4	r	4	42	30	cpq, bc, op	0·0	0·31
	Castlebay (Barra Id.)	29·51	42	WNW	4	c	29·34	−·16	47	46	+6	S	3	op	4	47	37	ohp, c, op	0·1	0·29
	Malin Head ...	29·57	37	WSW	2	crsp	29·40	−·15	49	49	+11	SW	4	rgm	4	49	36	bcq, pq, omr	*	0·21
	Blacksod Pt. ...	29·64	45	WSW	6	oqp	29·58	+·02	51	49	+9	WSW	6	o	4	53	37	ohp, oqp	*	0·18
	Valencia	29·81	48	WSW	4	p	29·80	+·05	51	49	+7	SW	5	o	5	52	37	phtt, bc, cp	2·2	0·30
	Roche's Point ...	29·84	46	W	3	o	29·81	·00	49	48	+4	WSW	3	o	4	50	41	r, c, opm, o	*	0·05
	Birr Castle ...	29·74	40	S	3	c	29·70	−·01	49	48	+11	SSW	3	og	*	50	37	cp	3·6	0·14
	Donaghadee ...	29·64	38	WSW	2	bc	29·54	−·18	48	48	+9	WSW	3	o	2	48	35	bc, omp	*	0·08
	Liverpool Obsy...	29·78	40	SSW	3	b	29·66	−·20	48	46	+7	SW	5	o	4	49	39	op, b, op, bt	2·7	0·19
	Holyhead	29·75	45	WSW	5	cph	29·68	−·13	50	49	+8	SW	6	o	5	50	41	c, rh	*	0·28
	Pembroke (St. Ann's Hd.)	29·84	49	WSW	6	c	29·80	−·07	51	50	+7	WSW	6	ogqm	6	52	43	cg, cqp, c	4·3	0·06
	Scilly (St. Mary's) ...	29·94	47	W	4	o	29·96	+·02	45	43	0	WSW	4	o	2	48	43	c	5·5	0·13
	Jersey (St. Aubins) ...	30·06	46	SSW	4	o	30·03	−·08	49	48	+8	W	4	bc	3	49	39	c, ogm, cpg	0·1	0·05
	Portland Bill ...	29·94	50	WSW	5	bc	29·83	−·12	52	51	+6	WSW	6	d	5	52	46	r, bc	1·5	0·05
	Dungeness	30·00	44	S	5	c	29·93	−·23	48	48	+8	SW	5	o	5	48	39	c, cp, r	1·0	0·05
	Dover	*	*	*	*	*	29·92	−·25	47	46	+8	SSW	4	o	4	48	38	o	0·0	0·01
	Wick	29·54	41	S	3	bc	29·44	−·12	35	34	−9	S	1	bxc	2	46	30	–	*	–
	Nairn	29·53	38	WSW	1	c	29·45	−·12	30	29	−15	2	0	c	1	46	28	c, bc, c	5·0	–
	Aberdeen	29·63	38	SSW	2	r	29·50	−·20	35	34	−10	SSW	1	bc	2	45	30	bc, or, c, b	1·5	0·17
	Leith	29·61	38	S	2	c	29·50	−·18	37	36	−6	SW	1	c	*	46	36	c, bc, or, bc	*	0·27
	North Shields ...	29·72	40	S	3	o	29·57	−·26	39	39	+1	SSW	3	o	2	44	33	c, o, r	0·8	0·07
	Spurn Head ...	29·83	41	S	6	c	29·66	−·31	42	42	+2	SSW	5	r	4	42	38	op, cp, or	*	0·02
	Yarmouth	29·99	40	SSW	4	bc	29·84	−·29	42	42	+2	SW	4	bcp	4	42	38	og, bc, op	3·7	0·05
	Clacton-on-Sea ...	30·01	41	S	5	o	29·86	−·26	42	42	+2	S	2	o	2	43	39	og, bc, op, bc	2·6	0·02
	Nottingham ...	29·86	42	SW	4	bc	29·71	−·26	46	45	+6	WSW	5	o	*	46	39	c, op, bc, r	0·3	0·14
	Bath	29·96	46	SW	1	o	29·86	−·15	49	47	+8	SW	3	o	*	49	41	–	1·7	0·06
	Oxford	29·93	41	S	4	bc	29·83	−·22	47	46	+11	SW	4	o	*	47	36	b, or, bc, o	*	–
	London (St. James's Pk)	29·97	44	SSW	4	op	29·86	−·24	45	45	+4	SSW	3	cdp	*	45	41	b, c, o, op	2·3	0·01
GERMANY, &c.	The Scaw (Skagen)	30·05	36	SSE	5	s	29·83	−·25	39	37	+3	SW	2	o	1	39	36	*	*	0·08
	Fanö	30·03	42	SW	5	o	29·79	−·31	36	36	−6	SSE	4	o	*	46	34	*	*	0·08
	Cuxhaven†... ...	30·14	37	S	2	o	29·90	−·24	35	93	−4	S	5	o	*	39	34	*	*	–
	The Helder ...	30·08	32	S	3	b	29·86	−·28	41	41	−2	SSW	5	r	3	45	32	*	*	–
	Brussels	*	*	*	*	*	30·04	−·18	35	35	+3	SSW	4	o	*	39	30	*	*	–
	Berlin†..	30·19	25	2	0	r	30·08	−·02	30	94	+9	SW	3	b	*	37	23	*	*	0·24
	Frankfurt†	30·22	29	SW	4	f	30·18	−·08	30	96	−4	SW	4	o	*	41	28	*	*	–
	Munich†	30·36	19	E	1	b	30·30	−·07	22	93	+2	SW	4	b	*	27	12	*	*	–
FRANCE.	C. Gris Nez ...	30·09	37	SSE	5	b	29·95	−·22	46	45	+11	SSW	5	o	5	?46	32	*	*	–
	La Hève	30·07	41	SE	3	bc	30·03	−·17	42	39	+5	SW	5	o	5	46	37	*	*	–
	Brest	30·08	50	W	4	b	30·10	+·04	52	50	+5	WSW	4	*	3	?52	?47	*	*	–
	Lorient	?	49	NW	4	c	?	–	51	50	+12	W	4	o	3	52	?39	*	*	0·04
	Rochefort	30·17	46	SSE	3	o	30·22	+·09	45	44	+1	SSE	2	c	*	48	39	o	*	0·08
	Biarritz	30·22	47	ENE	1	o	30·28	+·12	45	44	+8	S	2	b	?	54	?37	*	*	–
	Paris	30·16	33	SSE	2	b	30·12	−·09	38	38	+6	SW	2	o	*	42	32	*	*	–
	Belfort...	30·26	29	ENE	3	m	30·32	+·02	23	23	−3	W	2	m	*	37	22	*	*	–
	Lyons	30·28	30	ESE	1	f	30·34	+·03	31	31	+5	W	1	o	*	31	?26	*	*	–
	Nice	29·98	41	2	0	b	30·20	+·01	38	35	+1	2	0	b	2	52	37	*	*	–
	Perpignan	30·20	41	SW	1	b	30·21	+·04	36	35	0	W	2	b	*	51	31	*	*	–
	Sanguinaire ...																	*	*	
SPANISH PENIN.	Corunna	30·26	51	ENE	1	bc	30·38	+·19	41	39	+4	NE	1	bc	6	54	36	*	*	0·08
	Lisbon	30·22	50	N	3	c	30·26	+·06	44	41	−1	NNE	4	b	*	54	43	*	*	–
	Azores (P. Delgada)...	30·36	57	NE	2	b	30·38	+·13	54	50	−3	NNE	2	b	2	61	54	*	*	–
	" Horta ...	30·38	59	E	4	b	30·39	+·11	55	50	−4	2	0	b	2	63	55	*	*	–

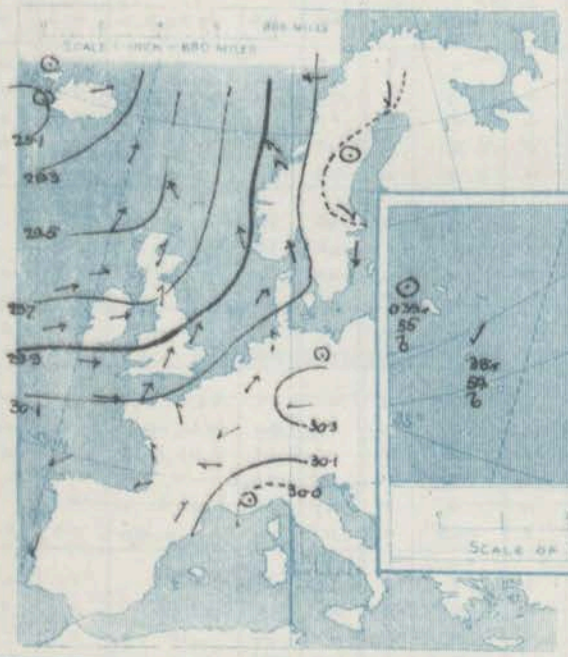
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

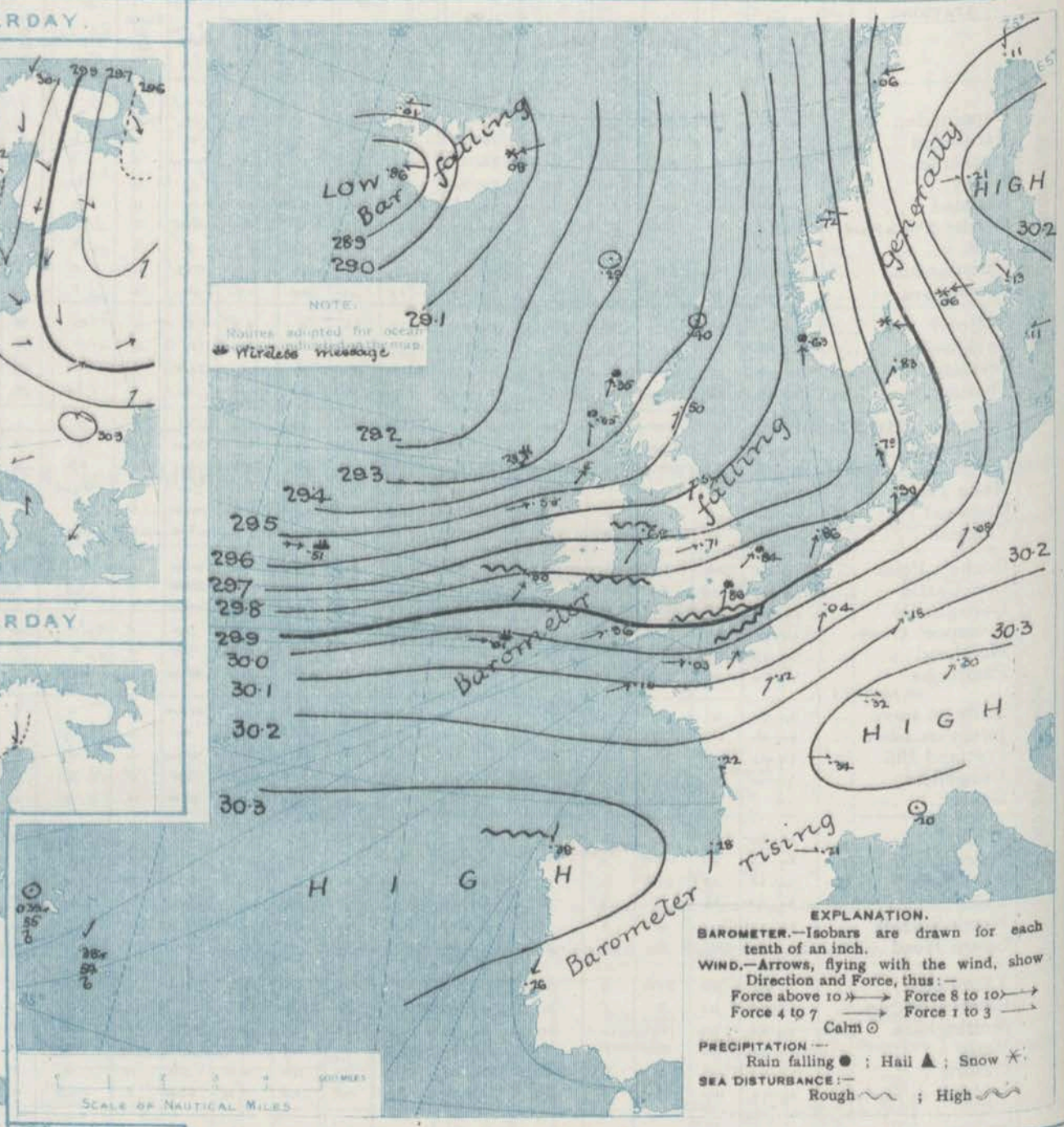


6 P.M. YESTERDAY



Sunday. WEATHER 28th Nov:

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



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

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

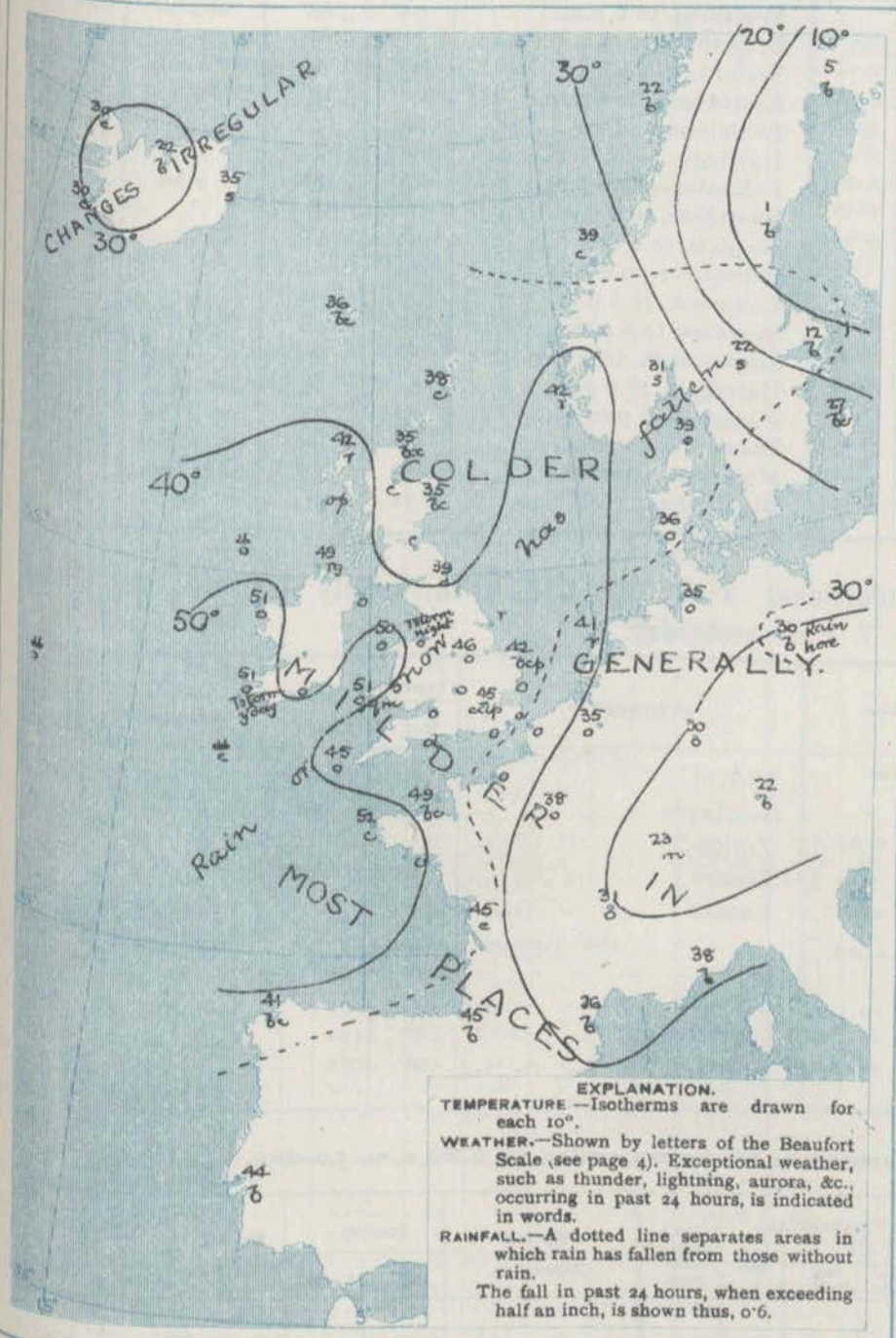
NOTES ON THE GENERAL SITUATION AT 7 A.M

A well marked, but somewhat shallow, depression still lies over the Icelandic region, and a secondary disturbance is apparently advancing towards our own north western coasts. The anticyclone noticed yesterday over Scandinavia is moving away to the eastward, the high pressure system over Spain is inclined to spread northwards.

The wind is fresh to strong from the South-Westward or Westward on our western and southern coasts, but is light from the Southward in the North, in Norway and in Iceland it is moderate to strong from East or South-East. Light Southerly breezes prevail in the west of France. Temperature has risen over England, Ireland and France, but fallen elsewhere. On our western and southern coasts the morning readings range between 48° and 52°, but in the East of Scotland they vary between 30° and 35°. Hard frost still prevails in Sweden, the thermometer standing at 1° at Jönköping and 5° at Haparanda. The weather is temporarily fine in the north-east of Scotland, but dull and unsettled elsewhere; rain is falling in the south and East of England and also on our extreme North-West coasts and snow at Sweden and Karlstad, as well as at Lydhofjord. The sea is rather rough on our western and southern coasts.

CHARTS 28th November, 1909.

2. Temperature and Weather at 7 A.M. To Day



FORECASTS

For the 24 hours commencing at NOON TO-DAY.

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

0 {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}

11 WESTERN CHANNEL AND BAY.

—None issued—

NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 50° or slightly above it on several parts of our western and south-western coasts; in the north and east of England it generally exceeded 40°. The amount of bright sunshine varied considerably in different places, but was as a rule somewhat small. Rain has fallen over the United Kingdom generally, and thunder storms have occurred at Liverpool and Valencia. A lunar halo was seen yesterday in many parts of the country. Wireless reports show that as far west as the 23rd meridian ships experienced yesterday strong winds from the Westward or North-Westward and fair, but cloudy, weather.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

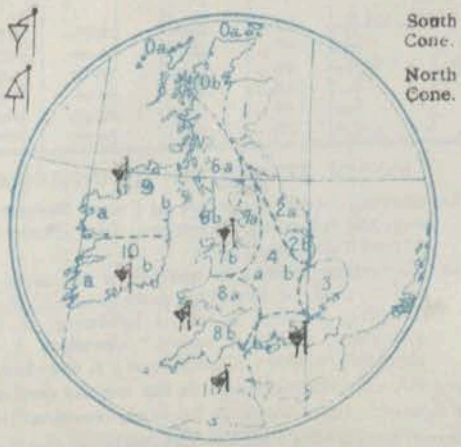
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



Walter & Graham Ltd. Litho. London

DAILY WEATHER REPORT. Sunday, 28th November, 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	48	39	cph. o	0.3	0.21
Dublin (City), to 4 p.m....	46	38	or. c. bq, bc	*	0.15
Rossall Beach, to 6 p.m.	42	37	cr. o. or	*	0.19
Blackpool, to 9 p.m. ...	43	37	crh. c	1.4	0.25
Southport, to 9 p.m. ...	44	37	or. crh. c	1.5	0.31
Rhyl, to 6 p.m....	47	39	b. or. bc	2.2	0.30
Colwyn Bay, to 6 p.m. ...	45	41	op. b	2.5	0.38
Llandudno, to 9 p.m. ...	47	37	r. bc. or	2.2	0.34
Bettws-y-Coed, to 6 p.m.				*	
Towyn, to 6 p.m.	49	40	r. c. bc, p.	1.3	0.46
Aberystwyth, to 6 p.m. ...	48	40		3.0	0.20
Plymouth, to 9 p.m. ...	53	46	op. bcp	3.6	0.10
Torquay, to 6 p.m.	51	43	*	3.2	0.08
Weymouth, to 6 p.m. ...	49	42	op. bc. b	1.5	-
Bournemouth, to 6 p.m. ...	47	38		0.6	0.01
Southsea, to 6 p.m.					
Bognor, to 6 p.m.	47	38	o. c. o	0.9	0.02

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall Ins.
Worthing, to 6 p.m. ...	48	40	m. o. cr	1.0	0.03
Brighton, to 6 p.m. ...			*		
Seaford, to 6 p.m. ...	45	40	o. c. o	0.9	-
Eastbourne, to 6 p.m. ...			*		
Bexhill-on-Sea, to 9 p.m.	44	35	d	0.2	-
Hastings	*	*	*	0.7	*
Folkestone, to 6 p.m. ...	43	38	o. bc	0.0	0.01
Ramsgate, to 6 p.m. ...	*	*	*	0.9	-
Margate, to 6 p.m.	48	37	o. bm. o	0.7	-
Felixstowe, to 6 p.m. ...	42	36	*	3.0	-
Lowestoft, to 6 p.m. ...					
Skegness, to 6 p.m.... ...	42	39	bc. r	3.8	0.06
Scarborough, to 9 p.m. ...	43	37	o. c	0.5	-
Harrogate, to 6 p.m. ...	41	32	cc. og. p	0.0	0.09
Buxton, to 6 p.m.	40	34	c. o. bc. c	0.6	-
Darwen, to 9 p.m.	40	34	or. b. l. c	0.2	0.44
Manchester, to 9 p.m. ...	45	38	oro. b. o. bc. cp	1.8	0.02
Birmingham, to 9 p.m....	42	37	or. c	0.1	0.05

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

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain. Ins.
27th Nov. 1909.				
Madeira	not	received.		
Marseilles	52	41	o. bc	-
Malta	63	52	bc	0.39
Algiers...	64	54	o. c	-
Tunis	57	45	c. c	-
Palermo	62	44	c. o	-
Naples...	51	44	o. o	0.04
Brindisi	54	36	bc. c	-
Rome	52	38	o. c	-
Vienna...	36	34	o. o	-
St. Petersburg	19	14	o. s	0.08

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain. Ins.
27th Nov. 1909.				
Utrecht	43	36	b. m	-
Groningen	43	34	r. m	0.08
Zurich...	*	*	o. o	-
Geneva	*	*	o. b	-
Lugano	*	*	b. b	-
26th Nov. 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	36	*	bc	
Coire	30	*	bc	0.04
Castasegna...	36	*	b	-
Davos	21	*	b	0.04

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbance.
Celtic — Nov. 26th 4 a.m.	50 N	27 W	30.08	NNW	6-7	-	.	.	.	.
" " 7 a.m.	50 N	25 W	30.01	NW	6-7	bc	.	.	.	.
" " 3 p.m.	50 N	22 W	29.86	NW	6-7	-	.	.	.	.
" " 6 p.m.	50 N	21 W	29.82	NW	6-7	bc	.	.	.	.
" 27th 4 a.m.	51 N	17 W	29.72	WNW	6-7	-	.	.	.	.
" " 7 a.m.	51 N	15 W	29.71	WNW	6-7	bc	.	.	.	.
St. Louis — Nov. 27th 4 a.m.	50 N	8 W	29.82	SW	1-3	-	.	.	.	.
" " 7 a.m.	50 N	6 W	29.88	WNW	1-3	c	.	.	.	.
Adriatic — Nov. 26th 3 p.m.	51 N	18 W	29.62	W	6-7	-	.	.	.	.
" " 6 p.m.	51 N	19 W	29.60	W	6-7	bc	.	.	.	.
Minneapolis — Nov. 26th 3 p.m.	49 N	26 W	29.97	WNW	4-5	-	.	.	.	.
" " 6 p.m.	49 N	25 W	30.06	WNW	6-7	c	.	.	.	.
" 27th 4 a.m.	49 N	21 W	29.94	WNW	4-5	-	.	.	.	.
" " 7 a.m.	49 N	20 W	30.01	NNW	4-5	bc	.	.	.	.
" " 3 p.m.	49 N	17 W	30.03	WNW	4-5	-	.	.	.	.
" " 6 p.m.	49 N	16 W	30.07	WNW	4-5	c	.	.	.	.

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.
Minneapolis — Nov. 28th 4 a.m.	49 N	12 W	30.00	SW	4-5	.
" " 7 a.m.	49 N	11 W	30.01	W	4-5	c

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6 61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) The information relating to weather is indicated by the following letters—b. blue sky; be. 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.

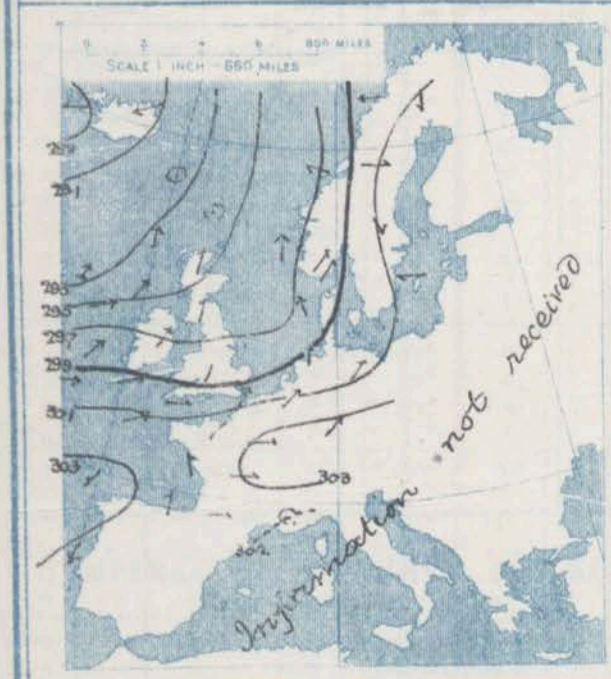
Monday
29th November, 1909.

	STATIONS.	Yesterday Evening: Barom. At 32° Fahr. and M.S.L. Lat. 45°	Yesterday Evening: Temp. Dry Bulb.	Yesterday Evening: Wind. Direc.	Yesterday Evening: Wind. Force (0 to 12).	Yesterday Evening: Weather.	This Morning: Barometer. At 32° Fahr. and M.S.L. Lat. 45°	This Morning: Barometer. Change since Yesterday.	This Morning: Temperature. Dry Bulb.	This Morning: Temperature. Wet Bulb.	This Morning: Temperature. Change since Yesterday.	This Morning: Wind. Direc.	This Morning: Wind. Force (0 to 12).	This Morning: Weather.	This Morning: Sea (0 to 9).	Past 24 Hours: Temp. Max.	Past 24 Hours: Temp. Min.	Past 24 Hours: Weather.	Past 24 Hours: Sunshine.	Past 24 Hours: Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.96	12	NNW	2	o	29.86	-25	15	14	+10	N	2	o	*	15	1	*	*	0.04
	Hernösand	30.07	3	NW	2	bc	29.91	-30	-7	-7	-8	2	o	b	*	9	?-7	*	*	-
	Stockholm	29.94	17	NE	2	b	29.89	-24	8	8	-4	N	2	b	*	18	?8	*	*	-
	Wisby...	29.79	29	E	4	bc	29.76	-35	25	23	-2	E	2	o	*	30	23	*	*	0.08
	Karlstad	29.90	22	NE	4	c	29.84	-22	19	18	-3	ENE	4	bc	*	*	*	*	*	0.08
	Færder (X'tania Fjord)	29.77	27	NE	4	o	29.68	-19	28	26	-3	ESE	6	o	3	31	27	*	*	0.12
	Bodö	29.96	21	E	6	b	29.77	-19	21	18	-1	E	4	b	2	22	19	*	*	-
	Christiansund ...	29.57	37	NE	4	b	29.36	-36	35	31	-4	ESE	5	bc	3	39	34	*	*	-
	Skudesnaes ...	29.57	39	SSE	6	o	29.31	-32	38	35	-4	SSE	9	c	6	42	36	o	*	-
ICELAND & FAEROE.	Isafjord	28.88	33	N	0	bc	28.78	-23	35	*	+5	E	9	r	*	*	*	*	*	*
	Reykjavik	28.60	36	NE	3	o	28.42	-44	40	*	+10	N	8	o	*	*	*	*	*	*
	Seydisfjord... ...	28.89	38	ENE	7	c	28.46	-52	42	*	+7	SSW	7	c	*	*	*	*	*	*
	Thorshavn	28.89	41	SE	8	r	28.76	-53	38	*	+2	S	2	c	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.22	42	SE	6	r	28.97	-43	42	40	+4	WSW	2	c	4	51	?38	bc, r	*	0.54
	Stornoway	28.95	51	SW	5	rq	28.89	-46	41	39	-1	SSW	4	bc	5	51	38	or. orq. opq	0.0	0.63
	Castlebay (Barra Hd.)	29.04	51	SW	6	p	28.92	-42	45	42	-2	SW	5	cp	6	52	39	rq. odp. or. c	0.0	0.25
	Malin Head ...	29.15	51	SW	7	oqp	29.02	-38	41	41	-8	SW	5	cqp	4	51	39	ocp. orqm	*	0.35
	Blacksod Pt. ...	29.26	53	SW	7	qm	29.07	-51	45	42	-6	WSW	6	bc	4	56	40	oqp. oqm	*	0.25
	Valencia	29.56	52	SW	5	op	29.32	-48	46	44	-5	SW	5	cp	5	53	44	orm. op	0.0	0.28
	Roche's Point ...	29.62	50	WSW	4	d	29.35	-46	47	45	-2	WSW	3	o	4	51	47	op. od	*	0.10
	Birr Castle ...	29.49	51	S	4	r	29.25	-45	40	39	-9	SSW	1	b	*	52	38	op. r	0.0	0.21
	Donaghadee ...	29.41	51	SSW	4	o	29.20	-34	44	43	-4	SSW	4	c	3	51	43	opm. c. r. bc	*	0.07
	Liverpool Obsy...	29.58	50	SW	5	c	29.32	-34	47	46	-1	WSW	2	o	3	53	45	o. op. bc	1.0	0.09
	Holyhead	29.57	51	SW	6	orm	29.29	-39	49	49	-1	SW	6	r	6	52	49	c. orm	*	0.21
	Pembroke (St. Ann's Hd.)	29.68	51	WSW	7	o	29.39	-41	51	50	0	SW	6	ogq	6	52	49	ocqm	0.0	0.11
	Scilly (St. Mary's) ...	29.87	50	WSW	6	o	29.54	-42	50	49	+5	WSW	6	r	3	53	?45	o	0.0	0.18
	Jersey (St. Aubins) ...	29.97	51	WSW	5	c	29.74	-29	52	50	+3	WSW	5	o	4	53	49	c. cg. odp	0.2	0.02
	Portland Bill ...	29.80	52	WSW	5	o	29.55	-33	52	51	0	WSW	7	rq	6	52	50	o	0.7	0.03
	Dungeness	29.80	48	WSW	6	o	29.59	-31	50	49	+2	SW	7	r	6	50	47	cp. c. cqp	0.0	0.12
	Dover	*	*	*	*	*	29.54	-38	49	48	+2	SW	6	r	6	49	47	or	0.0	0.05
	Wick	29.09	43	S	4	r	29.00	-44	38	36	+3	S	1	bc	3	48	35	-	*	0.20
	Nairn	29.09	49	WSW	2	c	29.02	-43	37	36	+7	SSW	2	b	1	50	29	c. bc. d. bc	0.0	0.12
	Aberdeen	29.22	45	SSW	2	o	29.10	-40	38	36	+3	SSW	1	b	2	49	34	c. or. s. c. b	0.0	0.15
	Leith	29.24	50	SW	5	r	29.13	-37	44	40	+7	WSW	3	c	*	56	37	cp. oqp	*	0.10
	North Shields ...	29.44	50	SSW	3	op	29.23	-34	46	44	+7	SSW	3	c	2	51	37	-	0.0	0.02
	Spurn Head ...	29.55	49	WSW	4	o	29.36	-30	46	43	+4	SW	6	r	4	49	42	op. o. oq	*	0.08
	Yarmouth	29.70	49	WSW	2	op	29.50	-34	50	48	+8	WSW	4	oq	4	50	41	o. op. om	0.0	0.03
	Clacton-on-Sea ...	29.74	45	SW	3	o	29.54	-32	47	46	+5	SW	3	c	2	48	39	op. bc. o	0.0	0.03
	Nottingham ...	29.64	49	WSW	4	o	29.40	-31	51	50	+5	SW	6	c	*	51	46	o. op. o. c	0.0	0.01
	Bath	29.79	51	SW	3	o	29.56	-36	52	51	+3	SW	4	oa	*	53	48	-	0.1	0.03
	Oxford	29.71	49	SW	6	o	29.48	-35	52	50	+5	SSW	6	oq	*	52	47	o	*	-
	London (St. James's Pk)	29.76	50	SW	5	oq	29.54	-32	52	50	+7	SW	5	cq	*	52	46	op. oq. c	0.0	0.04
GERMANY, &c.	The Scaw (Skagen)	29.67	35	ESE	5	o	29.64	-19	35	33	-4	SE	5	o	2	39	32	*	*	0.16
	Fanö	29.60	35	SE	2	o	29.53	-26	36	36	0	ESE	6	r	*	41	35	*	*	0.08
	Cuxhaven†... ...	29.63	39	S	6	r	?29.51	-39	45	98	+10	SW	4	o	*	45	35	*	*	0.47
	The Helder ...	29.67	48	WSW	5	r	29.55	-31	48	47	+7	SW	4	o	3	48	?41	*	*	0.20
	Brussels	*	*	*	*	*	29.75	-29	46	46	+1	SW	4	r	*	48	35	*	*	0.04
	Berlin†..	29.80	34	S	3	o	29.69	-39	40	95	+10	SW	3	r	*	40	30	*	*	0.47
	Frankfurt†	29.98	39	SW	5	r	29.89	-29	41	89	+11	SW	5	o	*	?41	30	*	*	-
	Munich†	30.17	34	SW	4	o	30.09	-21	31	81	+9	SW	4	c	*	36	23	*	*	-
FRANCE.	C. Gris Nez ...	29.84	48	SW	5	o	29.66	-29	48	48	+2	SW	6	o	6	48	46	*	*	0.12
	La Hève	29.90	46	SW	5	o	29.74	-29	48	46	+6	SSW	5	o	4	50	42	*	*	0.08
	Brest	30.03	52	WSW	5	o	29.79	-31	?	51	?	SW	6	c	4	54	50	*	*	-
	Lorient	?	52	WSW	4	o	?	?	53	52	+2	WSW	5	r	4	54	48	*	*	0.16
	Rochefort	30.14	51	SW	3	bc	30.01	-21	53	52	+8	SW	5	r	*	54	43	o. bc	*	0.16
	Biarritz	30.27	52	SSW	3	o	30.18	-10	46	45	+1	S	1	b	5	54	43	*	*	-
	Paris	30.05	45	SSW	3	o	29.89	-23	47	46	+9	SSW	4	o	*	?	?	*	*	-
	Belfort...	30.22	37	W	2	o	30.15	-17	39	37	+16	WSW	6	o	*	39	?33	*	*	-
	Lyons	30.25	37	WSW	1	b	30.19	-15	33	31	+2	E	1	o	*	42	31	*	*	-
	Nice	30.14	42	E	4	b	30.08	-12	40	37	+2	E	4	bc	3	52	36	*	*	-
	Perpiguan	30.23	43	NW	1	b	30.18	-03	35	32	-1	WSW	1	b	*	54	32	*	*	-
	Sanguinaire ...	30.17	52	NNW	5	b	30.11		50	46		E	2	o	3	59	45	*	*	-
SPANISH PENIN.	Corunna																		*	
	Lisbon																		*	
	Azores (P. Delgada)...																		*	
	" Horta ...	30.36	58	W	1	c	30.31	-08	58	54	+3	NNW	1	o	2	63	55	*	*	-

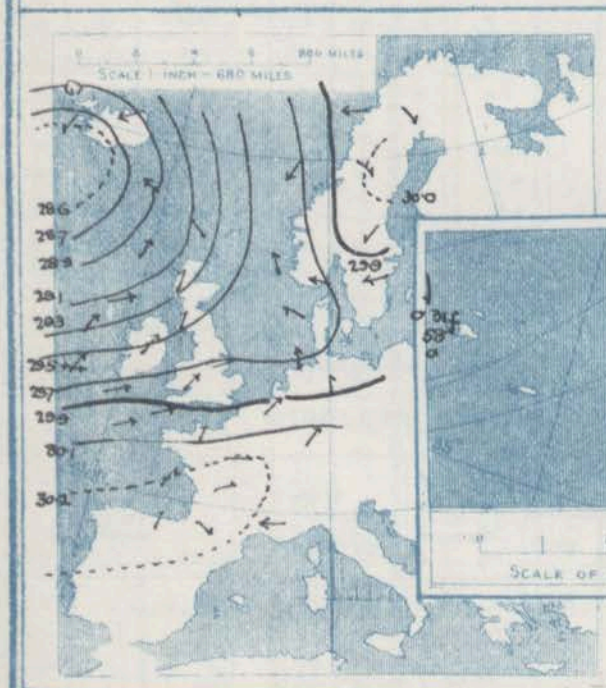
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

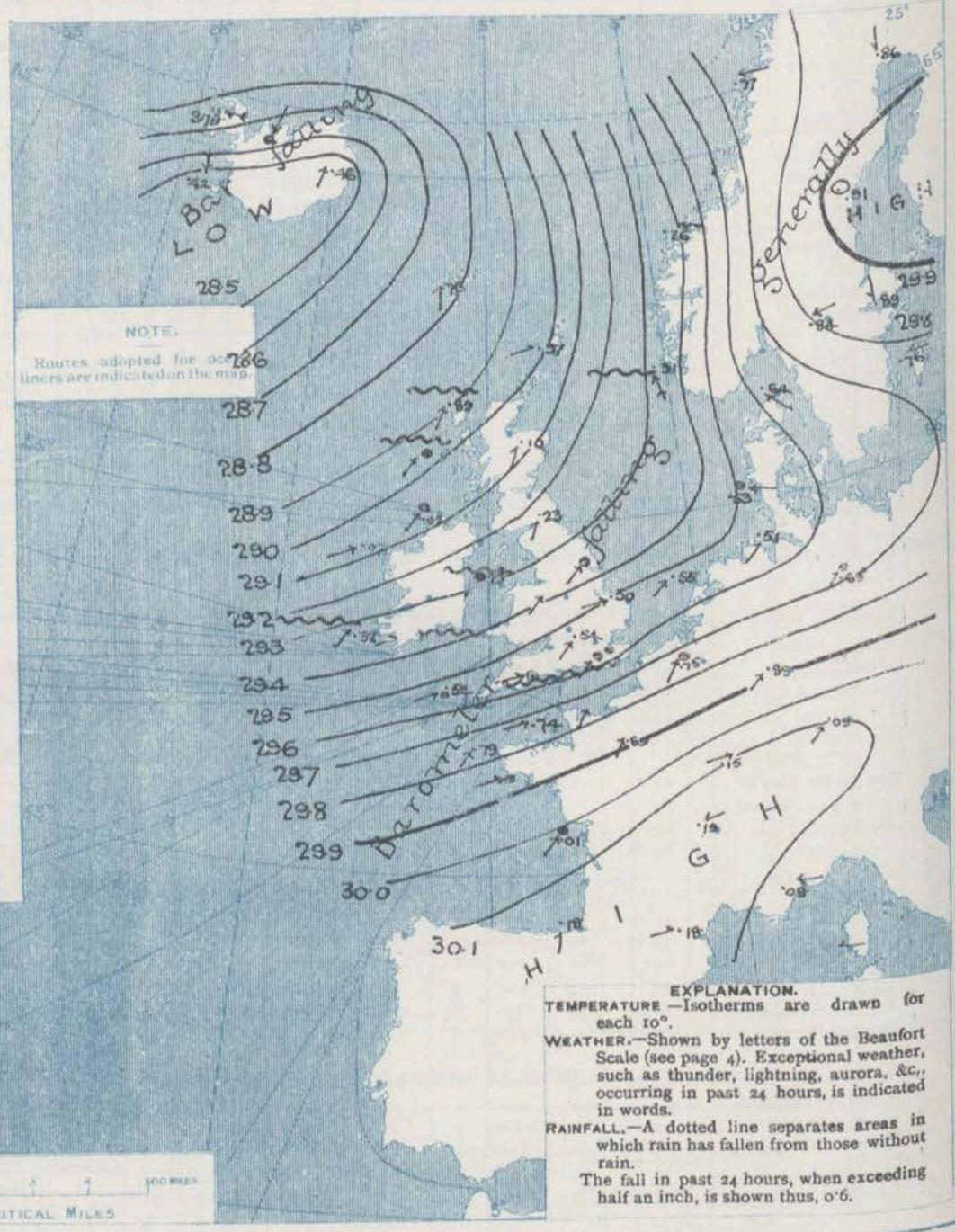


6 P.M. YESTERDAY.



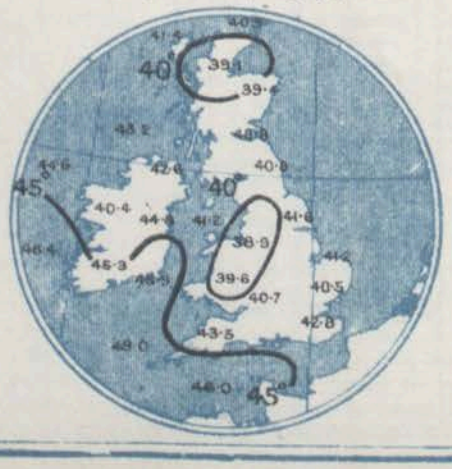
Monday, WEATHER 29th Nov:

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



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

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



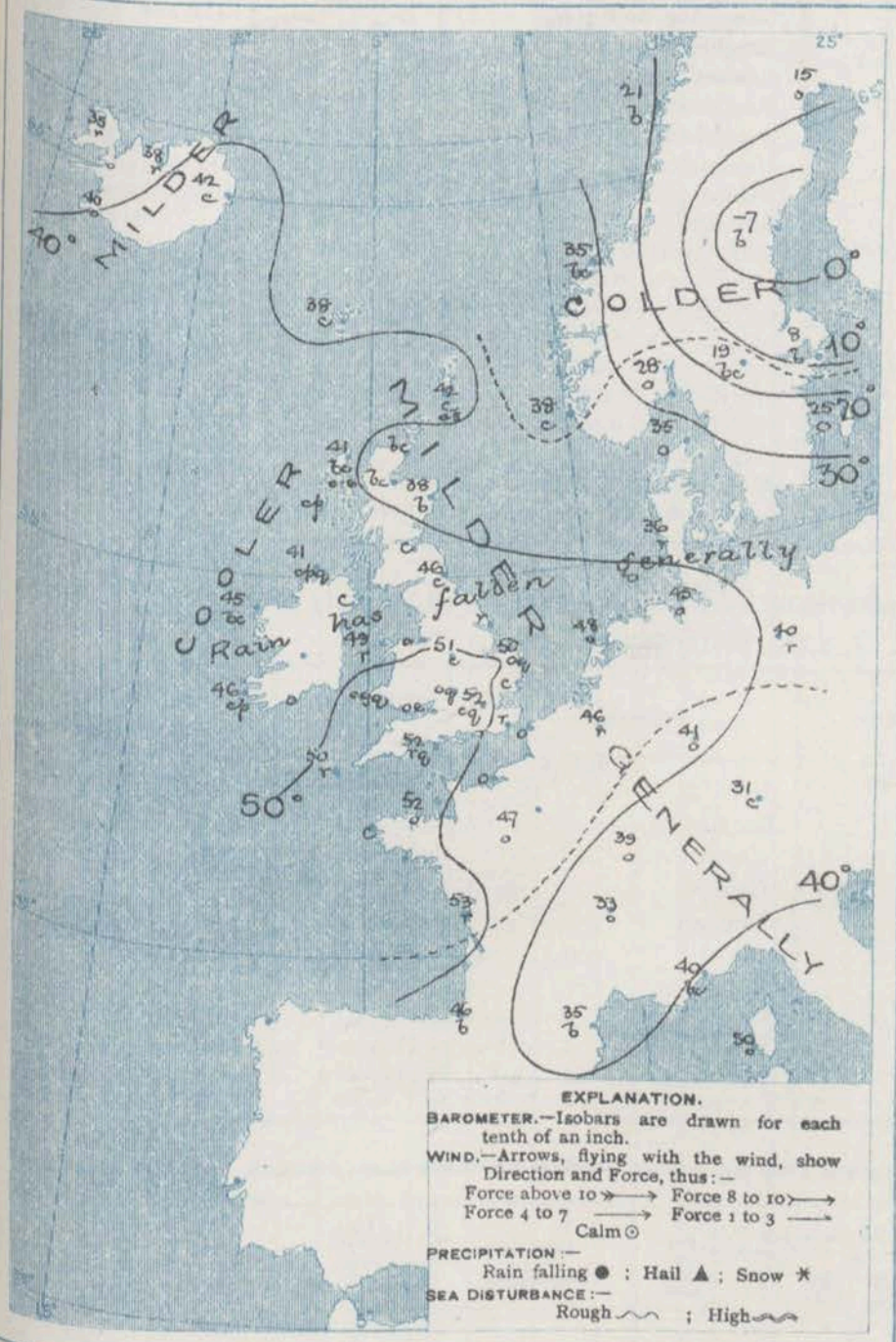
NOTES ON THE GENERAL SITUATION AT 7 A.M

The region of highest pressure is still in the far south, exceeding 30·3 ins. at the Azores, and 30·2 ins. in Spain. In a very deep depression centred off the south of Ireland the barometer is below 28·5 ins. The gradient is rather steep over nearly the whole of the region under observation.

Over the British Isles and Western Europe S.W.ly winds prevail, fresh to strong or high in most places. In Scandinavia and Denmark S.E.ly to E.ly winds prevail, a strong gale at Skudesnaes; in Iceland E.ly to N.E.ly, a strong wind to a strong gale. Temperature has fallen in many regions, risen as decidedly in others. At the home stations the values range from 37° at Yarmouth to 50° to 52° in all the southern districts; over Western Europe from 31° at Munich to 53° at Rochefort; in Scandinavia from −7° at Hernösand to +38° at Skudesnaes; and in Iceland from 35° to 42°. The weather generally is very cloudy to overcast, dull or gloomy in many places, rainy at a number of home and foreign stations. A rough or rather rough sea is running on many parts of our southern and western coasts and off Skudesnaes.

CHARTS 29th November, 1909

2. Temperature and Weather at 7 A.M. To Day.



Forecasts

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b): S.W.ly to W.ly winds, fresh to strong or high, a gale at times locally; squally, unsettled, rain at times; mild.

1, 2 (a, b), 3: S.ly to W.ly breezes, light to fresh, strong to high at times in places; gusty, unsettled, some rain; mild.

4 (a, b), 5, 6 (a, b), 7 (a, b), 8 (a, b), 9 (a, b), 10 (a, b): S.ly to W.ly winds, fresh or strong to high, a gale at times in places; squally, unsettled, some rain; mild.

11 WESTERN CHANNEL AND BAY.
S.W.ly to W.ly winds, strong to a gale; sea rough, high swell; squally, unsettled, some rain, fog locally; mild.

Notes on Yesterday's Weather.

During yesterday temperature rose to 50° and upwards at nearly all the home stations, to 55° at Blackwood Point, and 56° at Leith. Rain has fallen generally exceeding 0·5 inch at Stornoway and in Shetland. Bognor reports about 2 hours of bright sunshine, nearly all other stations had none. Wireless reports show that ships experienced moderate to strong S.ly to W.ly winds and dull to rainy weather off the northwest and northwest of Ireland.

General Inference from the 7 A.M. Observations.

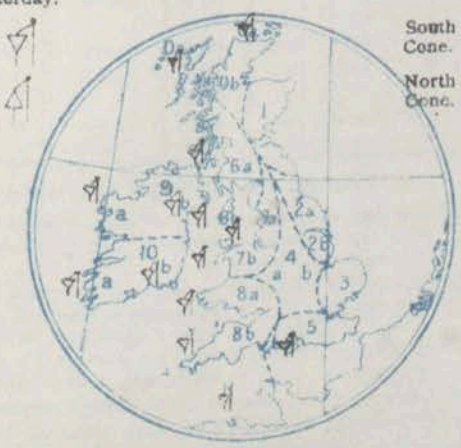
The conditions will remain of a windy unsettled type over the country generally, under the influence of the deep depression off the south of Iceland.

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.



Weller & Graham Ltd Litho, London

DAILY WEATHER REPORT. Monday 29th Nov. 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	51	36	st	0.0	0.92
Dublin (City), to 4 p.m. ...	52	42	c.ap.o.su	*	0.01
Rossall Beach, to 6 p.m.	47	39	orh.l, d.cg	*	0.35
Blackpool, to 9 p.m. ...	49	40	r.o	0.0	0.16
Southport, to 9 p.m. ..	50	40	c.o.c	0.0	0.10
Rhyl, to 6 p.m....	52	38	c.r.o	0.2	0.03
Colwyn Bay, to 6 p.m. ...					
Llandudno, to 9 p.m. ...	50	42	bc.o st.o	0.0	0.30
Bettws-y-Coed, to 6 p.m.				*	
Towyn, to 6 p.m.	50	42	r.o	0.0	0.21
Aberystwyth, to 6 p.m. ...	50	40	–	0.0	0.09
Plymouth, to 9 p.m. ...					
Torquay, to 6 p.m.	52	45	–	0.3	0.01
Weymouth, to 6 p.m. ...	54	47	bc.c.o	0.7	0.03
Bournemouth, to 6 p.m. ...	53	41	o.c	1.3	0.05
Southsea, to 6 p.m.	53	43		1.2	0.02
Bognor, to 6 p.m.	53	42	c.bc.o	1.9	0.02

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Worthing, to 6 p.m. ...	51	41	r.o.c.o	1.6	0.07
Brighton, to 6 p.m. ...	50	42	*	0.7	0.5
Seaford, to 6 p.m. ...	49	44	–	0.7	0.8
Eastbourne, to 6 p.m. ...	52	46	*	0.1	0.1
Bexhill-on-Sea, to 9 p.m.	50	41	–	0.0	
Hastings	*	*	*	0.0	
Folkestone, to 6 p.m. ...	48	42	c.tm.bc.c	0.0	0.31
Ramsgate, to 6 p.m. ...	*	*	*	0.0	–
Margate, to 6 p.m.	52	36		0.0	–
Felixstowe, to 6 p.m. ...			* *		
Lowestoft, to 6 p.m. ...	49	39	st.o.c.o	0.0	0.08
Skegness, to 6 p.m.... ...	51	43	r.c	0.0	0.11
Scarborough, to 9 p.m. ...				0.0	
Harrogate, to 6 p.m. ...	48	35	bc.c.op.o	0.0	0.30
Buxton, to 6 p.m.	47	37	c.bc.op.o	0.0	0.22
Darwen, to 9 p.m.					
Manchester, to 9 p.m. ...					
Birmingham, to 9 p.m....	50	39	o	0.0	0.01

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

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain. Ins.
28th Nov., 1909				
Madeira	Observations not recd.			
Marseilles				
Malta				
Algiers...				
Tunis				
Palermo				
Naples...				
Brindisi				
Rome				
Vienna...				
St. Petersburg				

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Rain. Ins.
28 Nov., 1909.				
Utrecht	observations not recd.			
Groningen		*		
Zurich...	*	*		
Geneva	*	*		
Lugano	*	*		
27 Nov., 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	34	*	b	–
Coire	28	*	b	–
Castasegna...	32	*	b	–
Davos	23	*	b	–

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

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb. °	Temperature. Air. Wet Bulb. °	Temperature. Sea. °	Sea Disturbances.
Lake Manitoba (Nov. 26 3 p.m.)	55N.	10W.	29.64	W	6-7	.	.	.	.	.
" 6 p.m.	56N.	11W.	29.60	WSW	6-7	o	.	.	.	.
" 27 4 a.m.	55N.	13W.	29.48	W	6-7	.	.	.	.	.
" 7 a.m.	55N.	13W.	29.49	W	6-7	bc	.	.	.	.
" 3 p.m.	55N.	15W.	29.57	W	4-5	.	.	.	.	.
" 6 p.m.	54N.	16W.	29.52	WSW	6-7	r	.	.	.	.
Adriatic (Nov. 27 4 a.m.)	51N.	23W.	29.78	W	6-7	.	.	.	.	.
" 7 a.m.	51N.	24W.	29.84	W	6-7	c	.	.	.	.
Minnehaha (Nov. 27 3 p.m.)	50N.	16W.	29.82	W	6-7	.	.	.	.	.
" 6 p.m.	50N.	17W.	29.83	W	6-7	c	.	.	.	.
Caledonia (Nov. 28 4 a.m.)	55N.	11W.	29.31	SW	6-7	.	.	.	.	.
" 7 a.m.	55N.	11W.	29.23	SW	8-9	o	.	.	.	.

Ship, and Hour of Observation.	Position. Lat. °	Position. Long. °	Reading of Barometer. Ins.	Wind. Direc.	Wind. Force.	Weather.
Arabic (Nov. 28 3 p.m.)	51N.	10W.	29.73	WSW	6-7	r
" 6 p.m.	51N.	11W.	29.66	WSW	6-7	
Lusitania (Nov. 28 3 p.m.)	51N.	11W.	29.67	W	6-7	o
" 6 p.m.	51N.	14W.	29.49	W	8-9	

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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.

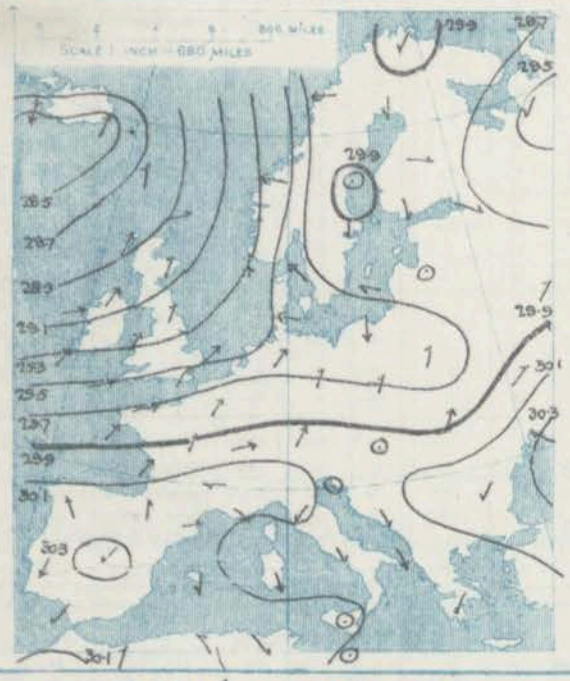
Thursday, 30th November, 1909.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda... ...	29.89	8	Z	0	b	29.98	+.12	14	14	-11	N	2	b	*	16	14	*	*	-
	Hernösand	29.80	2	Z	0	f	29.68	-.23	25	23	+32	E	8	o	*	1	-7	*	*	0.04
	Stockholm	29.77	24	SE	2	s	29.41	-.48	28	28	+20	SE	8	s	*	24	7	*	*	0.25
	Wisby...	29.78	26	ESE	4	o	29.38	-.38	34	32	+9	SSE	6	o	*	34	18	*	*	0.28
	Karlstad	29.56	25	ESE	8	s	29.13	-.71	34	33	+15	SSE	6	s	*	*	*	*	*	1.38
	Færder (X'iania Fjord)	29.37	30	ESE	6	s	29.10	-.38	30	28	+2	NNW	5	o	2	30	28	*	*	-
	Bodö	29.75	21	E	6	b	29.62	-.15	21	19	0	E	5	bc	2	21	18	*	*	-
	Christiansund ...	29.19	36	S	2	c	28.99	-.37	38	33	0	SE	3	c	3	37	32	*	*	-
	Skudesnaes ...	29.07	42	SSE	8	o	28.94	-.37	44	42	+6	S	6	c	5	44	36	o	*	0.12
ICELAND & FAEROE.	Isafjord	28.95	41	E	5	b	29.43	+.65	39	*	+4	E	7	o	*	*	*	*	*	*
	Reykjavik	28.66	37	E	3	o	29.22	+.80	30	*	-10	Z	0	b	*	*	*	*	*	*
	Seydisfjord... ...	28.91	37	ESE	4	c	29.29	+.83	36	*	-6	E	5	r	*	*	*	*	*	*
	Thorshavn	28.75	41	SE	5	r	28.86	+.10	42	*	+4	E	3	c	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	28.89	42	SE	3	c	28.72	-.25	40	39	-2	NE	1	c	2	44	35	c	*	0.01
	Stornoway	28.71	42	SSW	6	r	28.68	-.21	40	39	-1	WSW	4	c	4	45	39	ot.q. aqp	0.0	0.53
	Castlebay (Barra Id.)	28.70	44	SW	6	op	28.76	-.16	44	42	-1	WNW	4	op	5	47	41	cp. op. c. op	0.3	0.17
	Malin Head ...	28.79	42	SW	6	oqpm	28.89	-.13	42	42	+1	W	6	rhq	6	46	38	cqpm. thrhq	*	0.27
	Blacksod Pt. ...	28.98	46	WSW	6	oqp	29.15	+.08	43	41	-2	W	6	oq	5	52	40	oqp	*	0.31
	Valencia	29.25	49	W	6	c	29.38	+.06	46	43	0	W	6	cp	6	49	41	cqhp. bcqp	2.0	0.18
	Roche's Point ...	29.26	44	W	4	p	29.36	+.01	42	41	-5	W	3	b	4	49	40	o. b. bcp	*	0.04
	Birr Castle ...	29.13	41	WSW	4	c	29.23	-.02	39	38	-1	SSW	1	b	*	46	37	cp	4.8	0.09
	Donaghadee ...	29.07	42	SSW	4	b	28.96	-.24	41	41	-3	SSW	4	c	3	46	39	bcp. bc	*	0.01
	Liverpool Obsy...	29.17	44	SW	4	b	29.19	-.13	43	39	-4	SW	5	b	4	48	42	op. bc. b	0.8	0.05
	Holyhead	29.14	46	SW	4	b	29.22	-.07	45	42	-4	WSW	6	bc	4	49	42	c. b	*	0.01
	Pembroke (St. Ann's Hd.)	29.25	48	WSW	6	c	29.31	-.08	47	43	-4	WSW	6	bcq	6	52	45	oq cq	0.0	0.05
	Scilly (St. Mary's) ...	29.38	51	WSW	5	r	29.47	-.07	47	45	-3	W	5	o	4	53	46	r	0.0	0.38
	Jersey (St. Aubins) ...	29.48	51	SSW	5	r	29.51	-.23	48	44	-4	WNW	4	bc	4	54	45	sq. orm. rhq	6.0	0.65
	Portland Bill ...	29.35	49	W	4	r	29.39	-.16	48	46	-4	W	6	b	6	52	45	r	0.0	0.34
	Dungeness	29.34	51	SSW	8	d	29.38	-.21	45	44	-5	W	3	c	4	51	44	qp. or. c	0.0	0.42
	Dover	*	*	*	*	*	29.40	-.14	42	41	-7	SW	3	o	4	50	42	qp. or	0.0	0.25
	Wick	28.85	43	S	3	o	28.67	-.33	40	38	+2	S	3	bc	3	44	38	-	*	0.02
	Nairn	28.83	40	SSW	2	c	28.71	-.31	39	37	+2	W	2	c	1	43	35	b c	4.3	0.01
	Aberdeen	28.94	41	SSW	1	bc	28.79	-.31	40	38	+2	SW	2	c	2	43	36	b. bc. cq. bc	2.1	-
	Leith	28.94	43	SW	4	o	28.87	-.26	42	40	-2	WSW	5	c	*	47	40	c. b. bc. o. rq	*	0.25
	North Shields ...	29.10	43	SSW	2	c	29.02	-.21	44	41	-2	SW	4	c	2	48	38	c. p	1.14	-
	Spurn Head ...	29.24	46	SSW	4	o	29.18	-.18	40	39	-6	SW	4	b	3	50	39	o. bc. b	*	-
	Yarmouth	29.32	49	SSW	4	r	29.29	-.21	41	40	-9	SW	3	bc	4	52	41	odm. or. bcp	0.0	0.15
	Clacton-on-Sea ...	29.35	47	SW	4	r	29.35	-.19	41	40	-6	SW	2	c	2	48	41	oq. or. c	0.0	0.18
	Nottingham ...	29.26	46	WSW	3	r	29.25	-.15	39	38	-12	SW	3	b	*	52	38	cp. or. o. c	0.1	0.18
	Bath	29.33	48	SW	4	o	29.38	-.12	41	40	-11	SW	3	bp	*	54	39	r. o	0.0	0.52
	Oxford	29.32	46	SSW	4	o	29.37	-.11	39	38	-13	SW	2	b	*	53	39	orq. o. b	*	0.14
	London (St. James's Pk)	29.37	49	SW	4	or	29.35	-.19	42	40	-10	SW	2	b	*	54	42	c. o. or. c. b	0.0	0.30
GERMANY, &c.	The Scaw (Skagen)	29.22	41	S	7	r	29.12	-.52	41	41	+6	WSW	3	o	2	43	34	*	*	0.75
	Fanö	29.29	45	SW	7	r	29.22	-.31	44	43	+8	SW	2	o	*	45	36	*	*	0.12
	Cuxhaven†... ...	29.47	47	S	5	o	29.31	-.20	46	98	+1	S	4	rq	*	48	45	*	*	0.32
	The Helder ...	29.36	47	SW	7	r	29.30	-.25	46	44	-2	WSW	3	o	3	48	46	*	*	0.28
	Brussels	*	*	*	*	*	29.40	-.35	45	45	-1	W	1	r	*	51	45	*	*	0.47
	Berlin†..	29.71	40	SW	2	o	29.57	-.12	43	85	+3	SW	3	c	*	43	37	*	*	0.08
	Frankfurt†... ...	29.76	45	SW	5	o	29.62	-.27	43	84	+4	S	5	r	*	45	39	*	*	-
	Munich†	29.98	37	SW	4	bc	29.87	-.22	32	85	+1	SW	4	c	*	41	28	*	*	-
FRANCE.	C. Gris Nez ...	29.47	49	SW	7	r	29.39	-.27	47	44	-1	W	5	o	6	50	46	*	*	0.91
	La Hève	?	50	SW	6	o	?	?	45	42	-3	WSW	5	o	4	54	39	*	*	0.43
	Brest	29.51	52	SW	7	r	29.59	-.20	47	45	?	WNW	6	c	5	54	45	*	*	0.28
	Lorient	?	53	SW	6	r	?	?	48	46	-5	WNW	5	r	5	54	45	*	*	0.47
	Rochefort	29.55	54	SW	5	o	29.70	-.31	49	49	-4	WNW	5	r	*	54	46		*	0.28
	Biarritz	30.00	52	NE	2	b	29.87	-.31	54	53	+8	SW	6	o	6	59	46	*	*	-
	Paris	29.70	52	ESE	4	o	29.54	-.35	45	44	-2	SSW	5	r	*	52	45	*	*	0.08
	Belfort...	29.98	43	WSW	6	r	29.78	-.37	41	37	+2	Z	0	bc	*	44	37	*	*	0.08
	Lyons	30.04	42	SE	1	b	29.82	-.37	44	41	+11	S	8	o	*	46	38	*	*	-
	Nice	30.05	46	E	2	c	30.03	-.05	41	38	+1	Z	0	bc	2	52	36	*	*	-
	Perpignan	30.05	40	Z	0	b	29.82	-.26	36	35	0	SW	1	o	*	56	33	*	*	-
	Sanguinaire ...	30.11	47	W	4	o	30.07	-.04	54	50	+4	E	3	o	4	59	46	*	*	-
SPANISH PENIN.	Corunna																	*	*	
	Lisbon														*			*	*	
	Azores (P. Delgada)...																	*	*	
	" Horta ...	30.32	59	Z	0	o	30.33	+.02	59	57	+1	NE	1	o	2	63	57	*	*	-

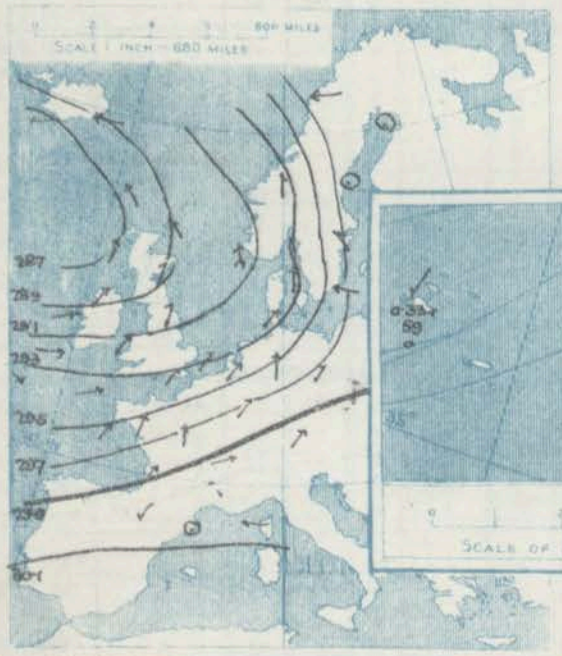
For NOTES see Page 4.

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

7 A.M. YESTERDAY.

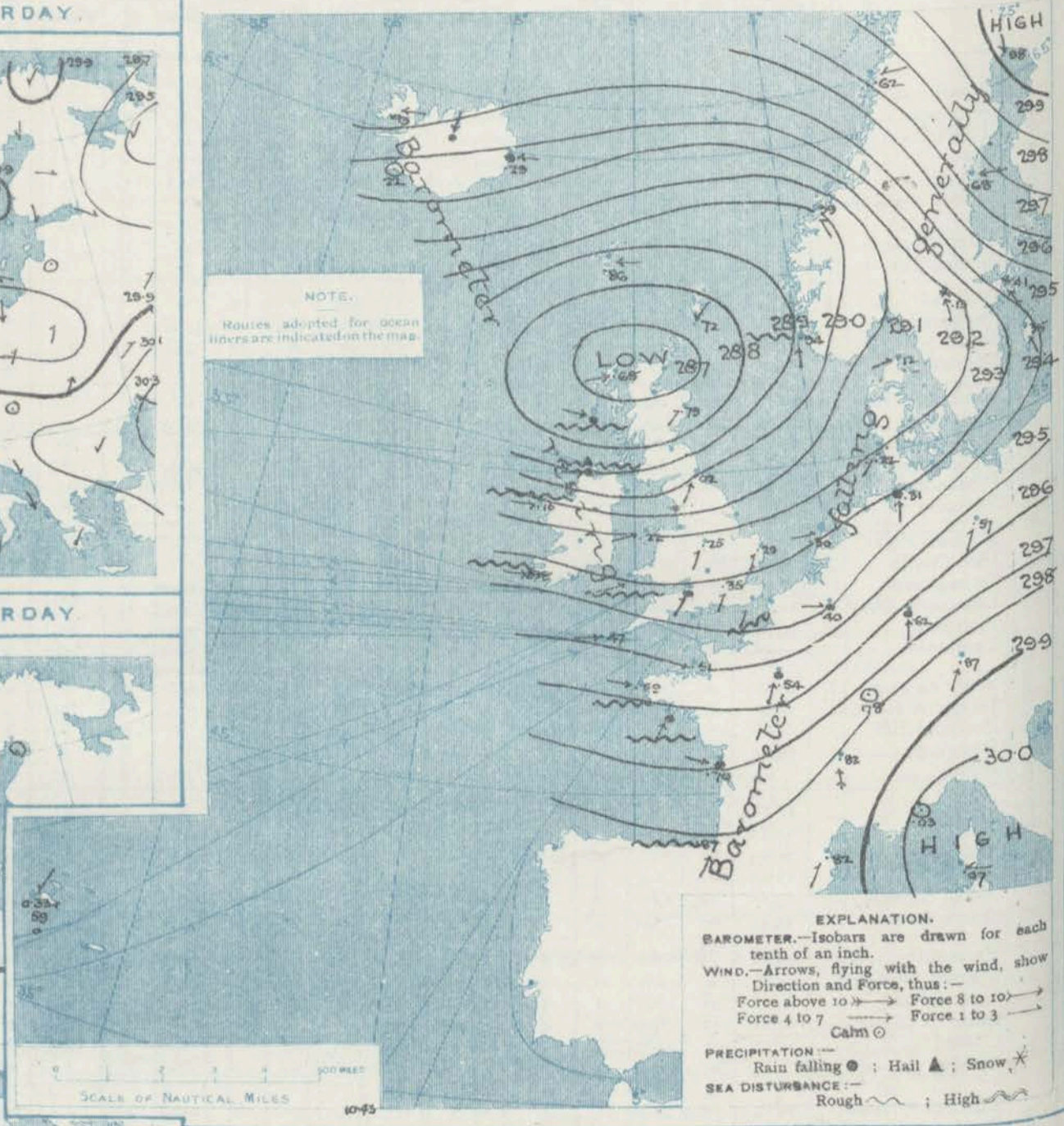


6 P.M. YESTERDAY.



Tuesday, WEATHER 30th Nov.

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



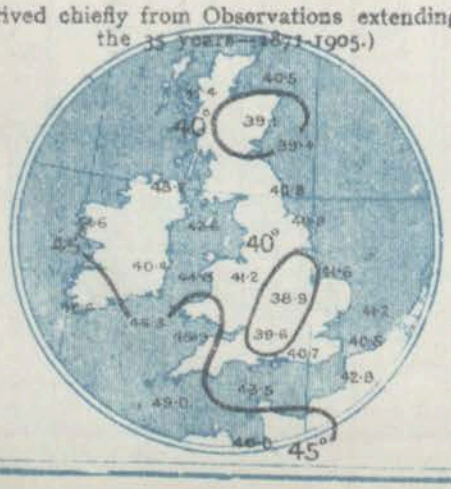
NOTES ON THE GENERAL SITUATION AT 7 A.M.

The central space of the deep cyclonic system of yesterday is now situated over the extreme north of Scotland, where the barometer is below 28·7 in. The highest pressure is still found at the Azores, 30·3 in. The gradient is rather steep in most parts of our area.

S.S. to W.ly winds prevail over the British Isles and Western Europe, S.E.ly to E.ly in Scandinavia and across to Iceland. The force varies greatly, from a light air in Shetland to a gale on the Swedish coast and at Lyons. Temperature has changed somewhat irregularly. At the home stations the readings range from 39° at Nottingham and at Thurso to 48° at Jersey and Portland Bill; over Western Europe from 32° at Munich to 54° at Biarritz; in Scandinavia from 4° at Haparanda to 44° at Skudesnaes; and in Iceland from 30° to 39°. The weather generally is in a very changeable state, fine and clear in many localities, very cloudy to dull in others, with rain at various home and foreign stations, hail squalls at Malin Head, and snow in Southern Sweden. The sea is rough or rather rough on many parts of our western and southern coasts, on the Bay of Biscay, and off the south of Norway.

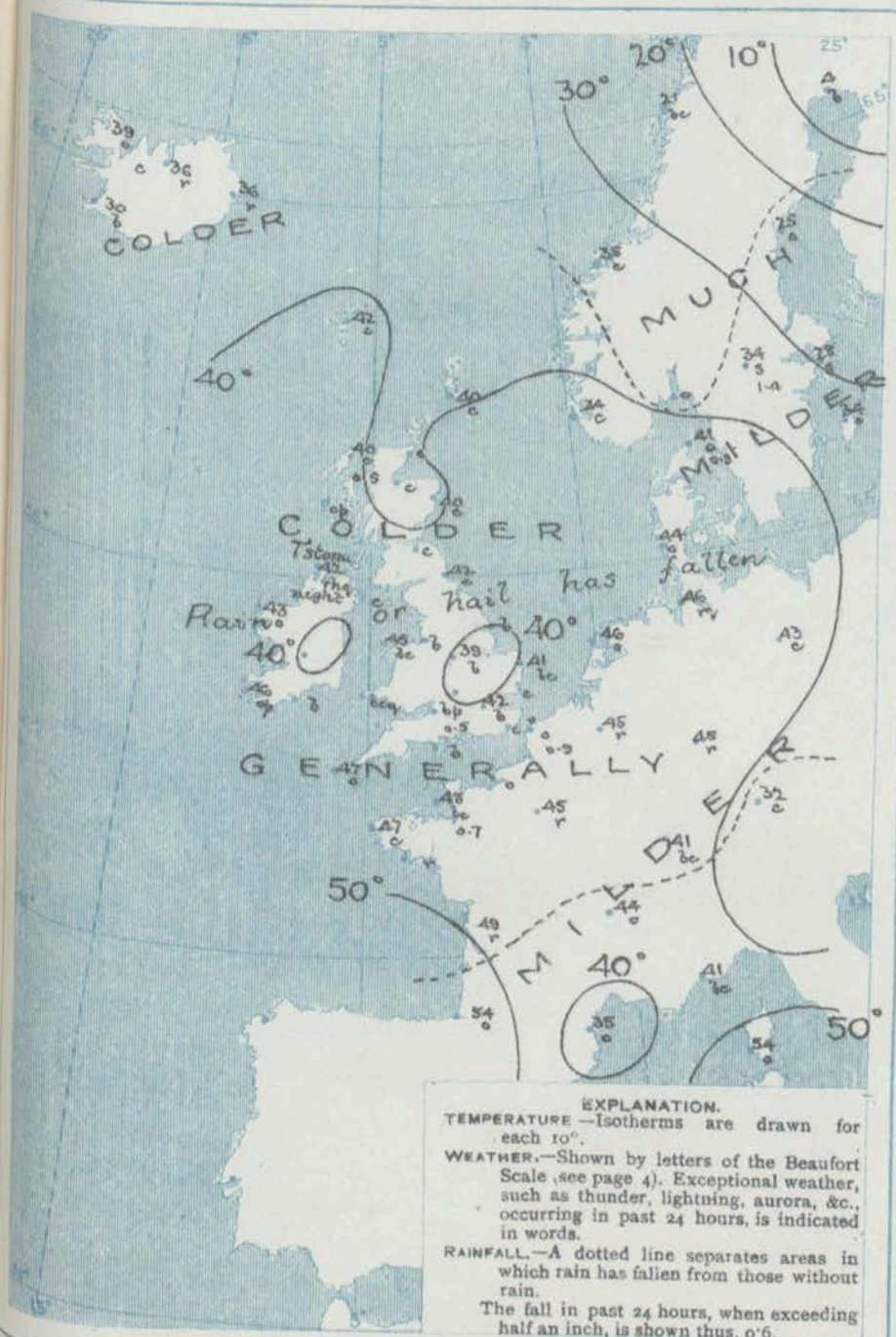
AVERAGES OF TEMPERATURE AT 8 A.M. FOR THE TWO-MONTHLY PERIOD NOVEMBER-DECEMBER.

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



CHARTS 30th November, 1909.

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



FORECASTS

For the 24 hours commencing at NOON TO-DAY.

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

0 (a, b): W.ly and N.W.ly winds, fresh or strong at times locally; changeable, some showers; moderate temperature.

1, 2 (a, b), 3, 4 (a, b): S.W.ly to W.ly and N.W.ly winds, fresh or strong locally; gusty, changeable, rain at times; moderate temperature.

5, 6 (a, b), 7 (a, b), 8 (a, b), 9 (a, b), 10 (a, b): W.ly and N.W.ly winds, fresh or strong in places; squally, changeable, rain at times; moderate temperature.

11 WESTERN CHANNEL AND BAY. W.ly and N.W.ly winds, strong to moderate; sea rough to moderate; squally, changeable, some rain, local fog; cool.

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 54° at Bath, Jersey and in London, and exceeded 50° in many other places. Rain has fallen generally, more than 0·5 inch at Bath, Jersey and Stornoway. Several stations report hail showers, Malin Head a thunderstorm. There was a lunar halo last night at Donaghadee and Oxford. Dunrobin Castle registered 4·8 hours of bright sunshine, and Nairn 4·3 hours, nearly all other stations none. Wireless reports show that ships experienced W.ly winds, strong to a gale, and fair, cloudy weather as far west as the 15th meridian.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The conditions remain of an unsettled type. The depression in the north will move slowly across the North Sea, with a veering wind, and showers in most localities.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

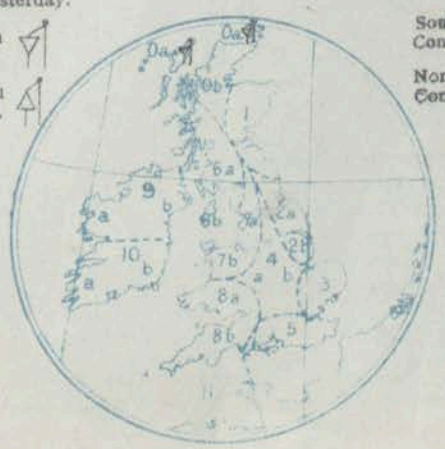
South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.



Weller & Chatham Ltd. Lith. Southampton

DAILY WEATHER REPORT. Tuesday, 30th Nov. 1909.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather	Sunshine. Hrs.	Rainfall. Ins.
Oban, to 6 p.m.	49	40	hp. bc. o	1.4	0.48
Dublin (City), to 4 p.m....	53	42	q. or. b. bq	*	0.14
Rossall Beach, to 6 p.m.	49	43	or. cp. c	*	0.13
Blackpool, to 6 p.m. ...	51	44		2.4	0.14
Southport, to 9 p.m. ...	50	42	or. c, bc. op	0.8	0.20
Rhyl, to 6 p.m....	53	44	r. c. o.	0.5	0.15
Colwyn Bay, to 6 p.m. ...	49	43	p. o. bc	0.3	0.16
Llandudno, to 9 p.m. ...	52	41	or. o, or	0.0	0.23
Bettws-y-Coed, to 6 p.m.	51	42	c. b	0.0	*
Towyn, to 6 p.m.	49	46	r. o, c. o	0.2	0.24
Aberystwyth, to 6 p.m. ...	50	45		0.0	0.14
Plymouth, to 9 p.m. ...			*		
Torquay, to 6 p.m.	53	50		0.0	0.65
Weymouth, to 6 p.m. ...	53	47	bc. o. r	0.0	0.37
Bournemouth, to 6 p.m. ...	52	49	or	0.0	0.45
Southsea, to 6 p.m.	52	45	*	0.0	0.37
Bognor, to 6 p.m.	50	48	r	0.0	0.69

STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine. Hrs.	Rainfall Ins.
Worthing, to 6 p.m. ...	50	44	r. o †	0.0	0.90
Brighton, to 6 p.m. ...	50	48	*	0.0	0.55
Seaford, to 6 p.m. ...	50	47	r	0.0	0.40
Eastbourne, to 6 p.m. ...	51	49	*	0.0	0.24
Bexhill-on-Sea, to 9 p.m.	50	47	r. d	0.0	0.17
Hastings	*	*	*	0.0	*
Folkestone, to 6 p.m. ...	50	46	o. r	0.0	0.15
Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.03
Margate, to 6 p.m.	52	47	o. r	0.0	0.01
Felixstowe, to 6 p.m. ...	49	44	*	0.0	0.08
Lowestoft, to 6 p.m. ...	52	45	o, or	0.0	0.03
Skegness, to 6 p.m.... ...	50	45	r. o	0.0	0.11
Scarborough, to 9 p.m. ...	50	43	og	0.0	0.05
Harrogate, to 6 p.m. ...	49	41	op. c. b	0.0	0.04
Buxton, to 6 p.m.	48	43	op. o.	0.0	0.14
Darwen, to 9 p.m.	48	36	or. b	0.0	0.58
Manchester, to 9 p.m. ...	49	41	or. o. b	0.0	0.42
Birmingham, to 9 p.m....	50	41	r. o. c	0.0	0.25

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

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
29th Nov., 1909.	°	°		Ins.
Madeira				
Marseilles	54	36	b. b	-
Malta				
Algiers...	63	52	bc. bc	-
Tunis	64	37	f. c	-
Palermo	61	42	r. b	0.04
Naples...	54	43	b. b	-
Brindisi	55	36	c. bc	-
Rome	54	35	b. b	-
Vienna...	39	27	b. bc	-
St. Petersburg	16	9	s. o	-

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Rain.
29th Nov., 1909.	°	°		Ins.
Utrecht	48	34	o. r	0.08
Groningen	46	34	r. o	0.39
Zurich...	*	*	c. c	-
Geneva	*	*	c. o	-
Lugano	*	*	b. b	-
28th Nov., 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Berne	not	*	received	
Coire		*		
Castasegna...		*		
Davos		*		

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

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	Ins.				°	°	°	
Lake Erie ... Nov. 29 10 a.m.	51 N.	12 W.	29.14	WSW	8-9	.	.	.	.	.
" 1 p.m.	51 N.	11 W.	29.12	W	8-9	c	.	.	.	.
Lapland ... Nov. 29 2 p.m.	50 N.	15 W.	29.40	WNW	6-7	.	.	.	.	.
" 6 p.m.	50 N.	14 W.	29.40	WNW	6-7	o	.	.	.	.

Ship, and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.
	°	°	Ins.			

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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.

NOVEMBER 1909.

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sunshine.	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°								Hours.	Ins.
1st	Corunna.	30.10	58	NE	1	b	30.06	-.04	50	43	-10	NE	1	o	6	63	37	-	-	-
"	P. Delgada.	30.37	61	NE	4	c	30.34	-.02	62	57	+2	NNE	4	c	2	64	57	-	-	-
2nd	Corunna.	29.92	59	NE	2	bc	29.93	-.13	55	53	+5	NNE	5	r	5	?	50	-	-	0.08
"	Lisbon.	29.75	52	NNW	3	b	29.91	+.13	46	44	-3	N	4	b	-	55	45	-	-	-
"	P. Delgada.	30.25	65	N	4	o	? 30.19	-.15	60	55	-2	NNE	4	c	3	66	59	-	-	-
3rd	Corunna.	29.96	61	NE	2	o	30.05	+.12	58	54	+3	NE	3	c	3	64	50	-	-	-
"	Lisbon.	29.84	55	NNE	5	b	29.87	-.04	48	46	+2	N	1	bc	-	59	46	-	-	-
"	P. Delgada.	30.21	59	N	2	r	30.18	-.01	58	55	-2	N	1	bc	2	63	55	-	-	-
4th	Corunna.	30.00	63	NE	1	b	30.09	+.04	55	53	-3	NE	1	o	4	63	50	-	-	-
"	Lisbon.	29.92	54	NNW	3	b	30.01	+.14	54	51	+6	2	o	b	-	59	48	-	-	-
"	P. Delgada.	30.14	65	SW	2	bc	30.15	-.03	61	55	+3	NNE	4	c	3	66	57	-	-	-
5th	Corunna.	30.00	64	NE	1	o	30.11	+.02	55	54	0	NE	1	f	2	66	52	-	-	-
"	Lisbon.	30.01	57	WNW	2	b	30.10	+.09	52	51	-2	2	o	o	-	63	52	-	-	-
"	P. Delgada.	30.25	59	N	1	b	30.25	+.10	58	54	-3	N	4	r	3	66	55	-	-	0.08
6th	Sanguinaire.	29.80	59	W	5	m	29.85	.00	57	-	-2	E	3	m	4	68	48	-	-	-
"	Lisbon.	30.06	56	WSW	3	b	30.07	-.03	54	53	+2	2	o	f	-	59	52	-	-	0.04
"	P. Delgada.	30.28	57	NE	3	r	30.23	-.02	57	53	-1	NNE	4	bc	3	63	55	-	-	0.12
8th	Corunna.	30.13	59	NE	1	o	30.16	+.05	50	48	-4	NNE	1	f	5	59	46	-	-	-
"	Lisbon.	30.06	59	NE	1	b	30.02	+.02	59	55	+3	ENE	2	c	-	61	54	-	-	0.16
"	P. Delgada.	30.04	60	NE	5	bc	30.07	-.03	60	57	+4	NE	5	bc	6	63	55	-	-	0.24
9th	Perpignan.	30.06	53	W	2	b	30.12	+.10	45	42	-6	W	2	b	-	61	44	-	-	-
"	Corunna.	30.12	63	NE	3	b	30.17	+.01	54	50	+4	NNE	1	o	3	64	46	-	-	0.08
"	Lisbon.	30.05	57	WSW	3	o	30.00	-.02	57	55	0	NNE	4	o	-	57	55	-	-	2.01
"	P. Delgada.	30.01	59	NE	1	r	29.89	-.18	62	57	+2	NNE	1	m	6	62	57	-	-	0.08
10th	Corunna.	30.12	61	NE	3	o	30.13	-.04	52	50	-2	NE	3	o	3	63	48	-	-	-
"	Lisbon.	29.91	57	NE	4	r	29.81	-.19	57	57	0	NNE	4	o	-	59	57	-	-	1.42
"	P. Delgada.	30.07	60	NE	6	b	30.10	+.21	60	55	-2	NE	4	r	5	62	59	-	-	0.04
11th	Corunna.	30.04	63	ENE	1	b	30.17	+.04	50	46	-2	ENE	5	b	3	62	45	-	-	-
"	Lisbon.	29.80	60	W	4	r	29.90	+.09	58	57	+1	NNE	4	r	-	66	57	-	-	0.08
"	P. Delgada.	30.04	60	NE	4	r	29.94	-.16	60	55	0	NNE	5	r	4	64	57	-	-	-
12th	Corunna.	30.15	59	ENE	3	b	30.17	.00	42	41	-7	ENE	1	b	3	61	37	-	-	-
"	Lisbon.	29.96	61	NE	4	bc	29.99	+.09	58	57	0	NE	4	o	-	64	57	-	-	0.04
"	P. Delgada.	29.82	59	NNE	4	r	29.76	-.18	60	57	0	NNE	1	bc	3	64	59	-	-	0.12
13th	Spurn Head.	29.45	51	W	7	c	29.48	-.21	? 42	39	-7	NW	7	b	6	51	38	oq, cq, cqp	-	-
"	The Scaw.	29.29	39	ESE	1	c	29.09	-.36	34	32	-5	SSE	7	o	2	39	32	-	-	-
"	Sanguinaire.	30.02	55	SW	4	m	29.92	-.10	55	-	+5	W	3	bc	6	61	46	-	-	-
"	Corunna.	? 30.04	61	ENE	1	o	29.93	-.24	54	52	+11	E	1	s	0	62	? 43	-	-	0.12
"	P. Delgada.	29.76	60	2	0	m	29.73	-.03	57	55	-3	NNE	1	c	2	66	57	-	-	0.16
14th	Belfort.	29.81	41	W	4	o	29.80	-.10	39	-	0	E	2	f	-	45	39	-	-	0.04
"	Lyons.	29.92	39	WNW	1	bc	29.78	-.22	27	-	-4	ESE	1	bc	-	47	34	-	-	-
15th	Corunna.	29.80	55	NNW	1	r	29.78	+.28	50	48	-9	NNW	1	o	3	64	46	-	-	0.32
"	P. Delgada.	29.76	64	S	5	o	29.35	-.51	63	61	+4	ESE	9	m	7	64	59	-	-	0.20
16th	Belfort.	29.66	41	ENE	4	r	29.70	-.14	34	34	-8	ESE	2	s	-	47	34	-	-	0.87
"	Lyons.	29.68	45	SW	2	r	29.73	+.17	40	39	-13	SSW	1	c	-	56	38	-	-	0.79
"	Nice.	29.61	52	E	5	r	29.57	-.16	51	49	+3	2	o	c	4	54	48	-	-	1.81
"	Corunna.	29.87	52	NNW	1	o	29.79	+.01	39	39	-11	NE	1	o	3	64	37	-	-	-
"	Lisbon.	29.83	55	N	1	o	29.62	-.11	56	56	0	ESE	3	r	-	61	54	-	-	0.16
"	P. Delgada.	29.10	66	SSW	5	c	28.97	-.38	64	61	+1	WSW	6	r	7	66	63	-	-	-
17th	Corunna.	29.74	50	NNE	1	c	29.75	-.04	47	46	+8	E	1	r	3	64	37	-	-	0.32
"	Lisbon.	29.34	62	SSW	4	o	29.39	-.23	63	61	+7	SW	6	o	-	63	? 56	-	-	0.39
"	P. Delgada.	29.20	61	W	5	b	29.34	+.37	63	59	-1	W	4	o	5	66	59	-	-	0.16
18th	Corunna.	? 29.35	49	E	3	r	29.14	-.56	52	50	+5	SSW	6	o	3	55	45	-	-	0.55
"	Lisbon.	29.37	62	SSW	6	o	29.55	-.16	59	59	-4	SW	3	o	-	64	57	-	-	0.59
"	P. Delgada.	29.48	63	WSW	4	bc	29.34	.00	60	55	-3	W	5	bc	6	66	54	-	-	0.35
19th	Berlin.	30.06	34	NNE	2	o	30.15	+.19	31	-	-2	NE	2	b	-	36	30	-	-	-
"	Corunna.	29.47	52	SSW	6	o	29.63	+.44	52	-	0	S	5	r	3	57	48	-	-	0.32
"	Lisbon.	29.73	62	S	4	o	29.79	+.24	64	63	+5	SSW	5	r	-	64	59	-	-	0.35
"	P. Delgada.	29.36	60	WSW	5	bc	29.34	.00	59	56	-1	SSW	1	o	5	64	50	-	-	0.08
20th	Corunna.	29.77	64	SSW	2	o	29.78	+.15	61	57	+9	S	3	o	2	66	52	-	-	0.32
"	Lisbon.	29.84	64	S	6	o	29.79	.00	64	62	0	S	5	r	-	66	61	-	-	0.24
"	P. Delgada.	29.54	57	WNW	4	b	29.62	+.28	56	54	-3	WNW	4	bc	3	64	55	-	-	0.39
22nd	Sanguinaire.	29.56	59	W	3	bc	29.43	-	55	-	-	W	5	o	5	68	48	-	-	-
"	Corunna.	29.64	54	S	2	r	29.82	+.16	52	50	-4	SSE	3	o	3	56	48	-	-	0.20
"	Lisbon.	29.76	59	WNW	3	c	29.86	+.19	57	56	-3	WSW	1	bc	-	63	57	-	-	0.20
"	P. Delgada.	29.86	59	2	0	c	29.97	+.18	57	55	-1	N	3	b	3	63	57	-	-	0.04
23rd	Frankfurt.	29.93	32	NW	4	s	30.13	+.45	23	-	-11	N	5	bc	-	37	19	-	-	-
"	Nice.	29.48	48	SW	4	c	29.81	+.45	31	31	-16	E	2	s	1	52	30	-	-	0.08
"	Corunna.	29.92	55	SSE	3	bc	30.17	+.35	48	45	-4	E	9	bc	3	59	43	-	-	-
"	Lisbon.	30.02	58	NW	3	b	30.13	+.27	57	55	0	NW	3	b	-	64	55	-	-	-
"	P. Delgada.	30.15	56	NNE	1	bc	30.15	+.18	58	53	+1	ENE	2	o	3	63	55	-	-	-
24th	Brussels.	-	-	-	-	-	30.31	+.09	36	35	+8	W	2	o	-	36	26	-	-	0.04
"	Lisbon.	30.23	55	N	3	o	30.28	+.15	51	47	-6	NE	4	o	-	63	50	-	-	-
"	P. Delgada.	30.00	61	SE	4	o	29.98	-.17	61	59	+3	SSW	3	c	5	61	57	-	-	0.75
25th	Corunna.	30.41	52	ENE	1	b	30.43	-.02	39	36	0	ENE	1	b	2	54	?	-	-	-
"	Lisbon.	30.27	51	NNE	3	b	30.23	-.05	49	44	-2	NNE	4	o	-	55	48	-	-	-
"	P. Delgada.	30.03	61	2	0	o	30.04	+.06	60	59	-1	NE	1	c	3	64	59	-	-	0.04
26th	Perpignan.	30.28	43	NW	3	c	30.08	-.30	29	26	+7	NW	1	o	-	50	32	-	-	-
"	Corunna.	30.29	48	S	1	b	30.23	-.20	37	36	-2	ENE	1	b	2	52	32	-	-	-
"	Lisbon.	30.14	53	NNE	4	o	30.10	-.13	50	46	+1	NNE	4	b	-	55	49	-	-	-
"	P. Delgada.	30.09	63	ESE	4	c	30.09	+.05	61	60	+1	ENE	1	o	3	64	60	-	-	-
27th	Lisbon.	30.11	51	NNW	4	b	30.20	+.10	45	44	-5	NNE	2	b	-	57	45	-	-	-
"	P. Delgada.	30.15	59	NE	3	bc	30.25	+.16	57	55	-4	ENE	4	bc	3	66	55	-	-	0.04
29th	Corunna.	30.28	51	NE	2	b	30.22	-.16	47	45	+6	SE	6	o	6	55	39	-	-	-
"	Lisbon.	30.24	48	NNE	4	b	30.24	-.02	42	38	-2	NNE	4	b	-	52	41	-	-	-
"	P. Delgada.	? 30.35	57	NNE	1	o	30.38	.00	58	52	+4	N	1	o	2	63	54	-	-	-
30th	Corunna.	30.10	57	SE	5	o	30.02	-.20	50	48	+3	WNW	6	o	8	59	45	-	-	0.32
"	Lisbon.	30.16	50	WNW	2	b	30.07	-.17	52	51	+10	N	1	o	-	54	? 42	-	-	0.12
"	P. Delgada.	30.30	55	NNW	1	c	30.32	-.06	55	55	0	NW	1	bc	1	61	54	-	-	-

REPORTS FOR NOVEMBER, 1909.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Temp. Min.	Weather.	Sun-shine.	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°								Hours.	Ins.
1st	Malin Head.	-	-	-	-	-	-	-	-	-	-	SSE	-	-	-	-	-	-	-	-
"	Scilly (St Mary's)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-
"	Bath.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-
2nd	Malin Head.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-
"	Scilly (St Mary's)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	41	-	-	-
"	Dover.	-	-	-	-	-	-	-	-	-	-	NW	-	-	-	-	-	-	-	-
"	Spurn Head.	-	-	-	-	-	-	-	-	-	-	-	-	0m	-	-	-	-	-	-
3rd	Castlebay.	-	-	-	-	-	30.05	+.15	-	-	-	-	-	-	-	-	-	-	-	-
"	Spurn Head.	-	-	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Nice.	29.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4th	Donaghadee.	-	-	-	-	-	-	-	49	49	-	-	-	-	-	-	-	-	-	-
"	Scilly (St Mary's)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	4.0	-
"	North Shields.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-
5th	Sumburgh Head.	-	-	-	-	-	29.86	-.14	-	-	-	-	-	-	-	-	-	-	-	-
"	Scilly (St Mary's)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	-	-	-
"	Portland Bill.	-	-	-	-	-	-	-	53	-	-	-	-	-	-	-	-	-	-	-
6th	Jersey (St Aubins)	-	-	-	-	-	30.04	-.11	-	-	-	-	-	-	-	-	-	-	-	-
"	Dover.	-	-	-	-	-	-	-	-	-	-	-	-	m	-	-	-	-	-	-
7th	Roches Point.	-	-	-	-	-	30.28	-	38	-	-	-	-	-	-	-	-	-	-	-
"	Aberdeen.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8th	Hernösand.	-	-	-	-	-	30.07	+.36	-	-	-	-	-	-	-	-	-	-	-	-
"	Sumburgh Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	-	-	-
"	Jersey (St Aubins)	-	-	-	-	-	-	-	48	45	-	-	-	-	-	-	-	-	-	-
"	Dover.	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
"	Horta.	-	-	-	-	-	-	-	62	-	+3	-	-	-	-	-	-	-	-	-
9th	Scilly (St Mary's)	-	-	-	-	-	30.39	-	-	-	-	-	-	-	-	51	45	-	-	-
10th	Wick.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-	-	-
11th	Dover.	-	-	-	-	-	30.16	-.15	-	-	-	-	-	-	-	-	-	-	-	-
13th	Dungeness.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
"	Belfort.	-	-	-	-	-	-	-	?39	-	-5	-	-	-	-	?40	-	-	-	-
14th	Scilly (St Mary's)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	-
15th	Blacksod Pt.	-	-	-	-	-	29.93	+.19	-	-	-	-	-	-	-	-	-	-	-	-
"	Valencia	-	-	-	-	-	29.89	+.24	-	-	-	-	-	-	-	-	-	-	-	-
"	Scilly (St Mary's)	-	-	-	-	-	29.72	+.09	-	-	-	-	-	-	-	-	-	-	-	-
"	Dover.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?39	-	-	-
"	Wick.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
"	Clacton-on-Sea.	-	-	-	-	-	29.63	-	-	-	-	-	-	-	-	-	-	-	-	-
17th	North Shields.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-
19th	Valencia.	-	-	-	-	-	-	-	39	-	0	-	-	-	-	-	-	-	-	-
"	Scilly (St Marys)	-	-	-	-	-	29.98	+.08	-	-	-	-	-	r	-	-	-	-	-	-
"	Jersey (St Aubins)	-	-	-	-	-	29.96	-	-	-	-	-	-	-	-	-	-	-	-	-
20th	Portland Bill.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0	-
"	Spurn Head.	-	43	-0	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-
"	Yarmouth	-	-	-	-	-	30.19	-	-	-	-	-	-	-	-	-	-	-	-	-
21st	Blacksod Pt.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-	-
"	Wick.	-	-	NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22nd	Scilly (St Marys)	-	-	-	-	-	30.03	.00	-	-	-	-	-	-	-	-	-	-	-	-
23rd	Donaghadee.	30.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Dover.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06
"	Wick.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-	-
25th	North Shields.	-	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27th	Scilly (St Mary's)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	-
28th	Scilly (St Mary's)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	-
"	Bath	29.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Oxford.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04
"	Donaghadee	-	-	-	-	-	29.06	-.14	-	-	-	-	-	-	-	-	-	-	-	-

WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS.— Novr., 1909.

Date of Report in which Observations appeared.		Ship and Hour of Observation.	Position. Lat.	Position. Long.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
			°	°	Ins.				°	°	°	
Corrections.												
November 4		Arabic. Nov. 2. 7am	-	-	-	-	5-6	-	-	-	-	-
"	"	Lake Michigan. " 3. 3pm	51 N	-	-	-	-	-	-	-	-	-
		" " 6 "	51 N	-	-	-	-	-	-	-	-	-
"	7.	This Report was dated October instead of November.										
"	"	Dominion. Nov. 6. 6pm	-	17 W	-	-	-	-	-	-	-	-
"	8.	This Report was dated October instead of November.										
"	"	Majestic. Nov. 6. 7am	-	-	-	NNW	4-5	-	-	-	-	-
"	"	St Louis. " 7. 3pm	-	12 W	-	-	-	-	-	-	-	-
"	9	This Report was dated October instead of November.										
"	10	St Louis. Nov. 8. 6pm	-	-	-	-	4-5	-	-	-	-	-
"	11.	Montreal. " 9. 3pm	52 N	-	-	-	-	-	-	-	-	-
"	"	Celtic. " 9. 4am	50 N	24 W	30.35	NNW	1-3	-	-	-	-	-
		" " 7am	50 N	27 W	30.41	NNW	1-3	0	-	-	-	-
"	"	Kroonland. " 9. 4am	-	-	-	SSW	4-5	-	-	-	-	-
		" " 7am	-	-	-	-	-	c	-	-	-	-
		" 16. 7am	-	25 W	-	-	-	-	-	-	-	-
		" 17. 7am	-	-	29.96	-	-	-	-	-	-	-
"	18	Adriatic. " " 3pm	49 N	13 W	29.81	ESE	6-7	-	-	-	-	-
		" " 6pm	49 N	12 W	29.85	ESE	6-7	bc	-	-	-	-
		" 16. 3pm	-	-	29.33	-	-	-	-	-	-	-
"	19.	Lapland. " 17. 7am	-	-	-	-	6-7	-	-	-	-	-
"	22.	Teutonic. " 20. 4am	-	-	-	ENE	4-5	-	-	-	-	-
"	"	Empress of Britain. " 21. 7am	-	? 19 W	-	-	-	-	-	-	-	-
"	24.	St Paul. " 23. 6pm	-	24 W	-	-	-	-	-	-	-	-
"	"	Ivernia. " 23. 4am	-	-	-	S	6-7	-	-	-	-	-
		" " 6pm	-	-	30.27	-	-	-	-	-	-	-
"	26.	St Paul. " 23. 4am	-	-	29.54	-	-	-	-	-	-	-
"	"	Mount Temple. " 25. 3pm	50 N	11 W	30.49	S	4-5	-	-	-	-	-
		" " 6pm	50 N	10 W	30.49	SSW	4-5	b	-	-	-	-
"	27.	St Louis. " 26. 4am	"	-	-	WSW	4-5	-	-	-	-	-