METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1903.

DAILY WEATHER REPORT.

July to December 1903.

4631 1.04.

E. Weller & Grahams, Ltd Litho. London

SUPPLEMENT TO THE DAILY WEATHER REPORT.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE SIX MONTHS, JULY TO DECEMBER.

	STATIONS.	PRESSURE AT 8 A.M. Means, 1871-1900.	TEMPERATURE OF AIR. 1871-1900. Means of				TEMPERATURE OF AIR. 1871-1900. Absolute Extremes.				RAINFALL. Means for		BRIGHT SUNSHINE. Means, 1881-1900.	
			Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Date.	Minimum.	Date.	1871-1900. Days with Rain.	1866-1900. Total Fall.	Average Duration.	Per cent. of possible.
		(*Inches.*)	°	°	°	°	°		°			(*Inches.*)	(*Hours.*)	
JULY.	Sumburgh Head	29 · 806	53 · 4	51 · 7	57 · 6	48 · 3	70	1897	37	1888	17	2 · 33	—	—
	Stornoway	29 · 822	55 · 5	53 · 7	60 · 3	49 · 1	76	1894	32	1888	21	2 · 97	140 · 8	26
	Malin Head	29 · 873	56 · 1	54 · 0	61 · 0	53 · 6	[75]*	[1887]	[42]*	[1888]	[19]*	[2 · 87]*	—	—
	Blacksod Point	29 · 914	57 · 8	55 · 2	62 · 4	53 · 8	[80]*	[1894]	[42]*	[1898]	[21]*	[2 · 94]*	—	—
	Valencia	29 · 960	59 · 2	56 · 6	64 · 0	53 · 8	80	1878	42	1898	20	3 · 95	154 · 4	31
	Roche's Point	29 · 957	59 · 0	56 · 1	65 · 8	53 · 7	84	1876	45	1888	15	3 · 00	—	—
	Parsonstown.....	29 · 937	58 · 1	55 · 0	66 · 4	51 · 7	89	1876	37	1889	17	2 · 95	139 · 2	28
	Donaghadee	29 · 904	57 · 4	55 · 5	63 · 5	52 · 1	81	1876	40	1883	18	2 · 83	—	—
	Liverpool	29 · 927	59 · 5	55 · 6	66 · 0	54 · 3	89	1873	44	1877	16	2 · 77	—	—
	Holyhead	29 · 932	58 · 3	56 · 0	63 · 8	54 · 1	83	1894	43	1888	16	2 · 46	—	—
	Pembroke	29 · 956	58 · 2	56 · 2	62 · 7	54 · 9	80	1878	45	1888	14	2 · 42	205 · 3	42
	Scilly	29 · 987	60 · 5	58 · 3	64 · 9	56 · 5	75	1886	48	1875	16	2 · 29	—	—
	Jersey	30 · 015	62 · 5	59 · 1	68 · 6	56 · 5	90	1873	46	1877, 97	13	2 · 30	244 · 2	51
	Portland Bill ‡	[30 · 071]	[61 · 7]	[59 · 3]	[67 · 0]	[55 · 4]	—	—	—	—	[6]	[0 · 94]	—	—
	Dungeness	29 · 965	61 · 9	58 · 6	67 · 0	56 · 1	82	1900	40	1890	12	1 · 62	—	—
	Wick	29 · 835	56 · 0	53 · 7	61 · 8	48 · 9	81	1876	30	1886	18	2 · 54	—	—
	Nairn	29 · 838	56 · 9	53 · 7	64 · 5	50 · 3	86	1876	37	1886, 97, 98	17	2 · 68	—	—
	Aberdeen	29 · 852	57 · 6	53 · 8	63 · 7	50 · 7	86	1876	38	1898	18	2 · 82	165 · 9	32
	Leith.....	29 · 867	58 · 6	55 · 0	66 · 6	51 · 4	90	1876	41	1887, 88, 92	16	2 · 76	—	—
	North Shields	29 · 887	58 · 2	55 · 1	64 · 3	51 · 9	85	1876	40	1885	15	2 · 55	—	—
	Spurn Head	29 · 914	59 · 6	56 · 9	65 · 1	55 · 0	[84]*	[1881, 1900]	[44]*	[1888]	13	1 · 70	—	—
	Yarmouth	29 · 938	60 · 8	57 · 6	66 · 3	54 · 9	87	1881	42	1872, 90	15	2 · 69	—	—
	Loughborough	29 · 947	60 · 9	57 · 2	71 · 4	52 · 6	[90]*	[1881]	[39]*	[1888]	15	2 · 24	—	—
	Oxford	29 · 963	60 · 2	56 · 6	70 · 1	53 · 5	90	1876, 1900	41	1888	14	2 · 49	200 · 7	41
	LONDON	29 · 971	62 · 2	57 · 7	72 · 7	54 · 2	95	1881	41	1877	13	2 · 27	174 · 7†	36†
AUGUST.	Sumburgh Head	29 · 782	53 · 5	51 · 9	57 · 7	48 · 5	69	1880	38	1885, 95	18	3 · 25	—	—
	Stornoway	29 · 794	55 · 1	53 · 5	60 · 2	49 · 1	75	1897, 99	33	1888	21	3 · 66	131 · 3	28
	Malin Head	29 · 839	56 · 4	54 · 3	61 · 8	54 · 1	[80]*	[1900]	[43]*	[1891]	[21]*	[3 · 25]*	—	—
	Blacksod Point	29 · 878	58 · 1	55 · 5	62 · 7	54 · 1	[78]*	[1899]	[42]*	[1887-88]	[22]*	[4 · 98]*	—	—
	Valencia	29 · 929	59 · 6	57 · 1	64 · 7	54 · 3	81	1899	42	1890	22	4 · 96	152 · 7	34
	Roche's Point	29 · 932	59 · 1	56 · 6	65 · 7	54 · 2	80	1880	44	1883	16	3 · 94	—	—
	Parsonstown.....	29 · 917	57 · 4	55 · 2	65 · 9	51 · 6	82	1893, 99, 1900	35	1885, 87	18	3 · 87	139 · 5	31
	Donaghadee	29 · 881	57 · 1	55 · 5	62 · 8	52 · 5	78	1899	38	1886	19	3 · 30	—	—
	Liverpool	29 · 908	58 · 8	55 · 3	65 · 8	54 · 3	85	1876, 84, 93, 99	44	1885	17	2 · 96	—	—
	Holyhead	29 · 909	58 · 6	56 · 5	64 · 0	54 · 8	83	1893	45	1888	16	3 · 02	—	—
	Pembroke	29 · 932	58 · 9	56 · 8	63 · 3	55 · 8	78	1874, 99	47	1885, 88	16	2 · 91	193 · 8	43
	Scilly.....	29 · 962	61 · 2	59 · 0	65 · 3	57 · 1	75	1893, 99	50	1885, 90, 95	17	2 · 49	—	—
	Jersey	29 · 995	63 · 2	59 · 8	69 · 1	57 · 4	89	1893	45	1890	14	2 · 48	244 · 8	56
	Portland Bill ‡	[30 · 042]	[62 · 2]	[60 · 0]	[68 · 5]	[55 · 7]	—	—	—	—	[11]	[1 · 57]	—	—
	Dungeness	29 · 953	62 · 1	58 · 9	67 · 5	56 · 6	80	1887, 94	39	1890	13	1 · 81	—	—
	Wick	29 · 814	55 · 5	53 · 5	61 · 4	48 · 6	85	1893	30	1886	18	2 · 61	—	—
	Nairn	29 · 817	56 · 0	53 · 2	63 · 9	49 · 9	86	1899	33	1885, 91	18	2 · 68	—	—
	Aberdeen	29 · 835	56 · 7	53 · 5	63 · 1	50 · 2	81	1880, 82, 99	33	1885	18	3 · 03	153 · 3	33
	Leith.....	29 · 848	57 · 7	54 · 6	66 · 0	51 · 4	85	1893	37	1874	16	2 · 72	—	—
	North Shields	29 · 871	57 · 3	54 · 7	64 · 0	51 · 8	83	1893	39	1892	16	2 · 85	—	—
	Spurn Head	29 · 904	59 · 1	56 · 8	64 · 7	55 · 0	[87]*	[1893]	[46]*	[1887, 90, 1900]	15	1 · 87	—	—
	Yarmouth	29 · 929	60 · 6	57 · 6	66 · 3	54 · 8	85	1893	42	1876, 85	14	2 · 26	—	—
	Loughborough	29 · 935	59 · 1	56 · 2	70 · 4	52 · 0	[91]*	[1893]	[38]*	[1885, 87, 88]	14	2 · 46	—	—
	Oxford.....	29 · 954	58 · 9	56 · 0	69 · 4	53 · 0	90	1876	39	1892	13	2 · 38	185 · 7	42
	LONDON	29 · 961	61 · 0	57 · 4	71 · 9	53 · 7	96	1876	39	1887, 90	13	2 · 30	165 · 9†	37†
SEPTEMBER.	Sumburgh Head	29 · 783	50 · 8	49 · 1	54 · 9	46 · 2	69	1898	34	1887, 88	20	3 · 48	—	—
	Stornoway.....	29 · 806	51 · 5	50 · 2	56 · 7	45 · 7	72	1898	32	1871, 75, 85	21	4 · 17	107 · 4	28
	Malin Head	29 · 864	53 · 7	51 · 4	58 · 5	51 · 1	[78]*	[1898]	[38]*	[1886]	[19]*	[3 · 11]*	—	—
	Blacksod Point	29 · 905	55 · 3	52 · 9	59 · 8	51 · 6	[78]*	[1898]	[39]*	[1899]	[21]*	[3 · 99]*	—	—
	Valencia	29 · 963	56 · 6	54 · 2	61 · 9	51 · 4	79	1898	35	1899	19	4 · 34	135 · 1	36
	Roche's Point	29 · 966	55 · 8	53 · 7	61 · 9	51 · 3	74	1880	39	1893	14	3 · 62	—	—
	Parsonstown.....	29 · 947	52 · 9	51 · 0	61 · 9	47 · 3	79	1880, 98	29	1899	17	2 · 92	129 · 2	35
	Donaghadee	29 · 913	53 · 7	52 · 4	60 · 1	49 · 3	74	1898	36	1882, 94, 99	17	2 · 80	—	—
	Liverpool	29 · 944	54 · 8	52 · 1	61 · 5	50 · 9	82	1880	39	1885	16	3 · 12	—	—
	Holyhead	29 · 939	55 · 9	53 · 7	60 · 8	52 · 3	78	1880	43	1873, 85, 97	16	3 · 04	—	—
	Pembroke	29 · 962	56 · 4	54 · 2	60 · 4	53 · 2	74	1895	40	1885	16	3 · 24	148 · 3	40
	Scilly.....	29 · 983	58 · 8	56 · 6	62 · 4	54 · 9	73	1899	44	1885, 88	17	3 · 15	—	—
	Jersey	30 · 008	60 · 4	57 · 2	66 · 0	55 · 0	86	1895	41	1891	15	3 · 04	184 · 9	50
	Portland Bill ‡	[30 · 038]	[59 · 0]	[57 · 0]	[64 · 7]	[54 · 0]	—	—	—	—	[9]	[1 · 55]	—	—
	Dungeness	29 · 981	58 · 0	55 · 5	64 · 0	53 · 0	78	1898, 99	32	1885	14	2 · 53	—	—
	Wick	29 · 822	52 · 1	50 · 3	58 · 0	45 · 7	78	1898	29	1885, 87	19	2 · 70	—	—
	Nairn	29 · 835	51 · 6	49 · 4	59 · 7	45 · 9	83	1898	25	1892	17	2 · 54	—	—
	Aberdeen	29 · 856	52 · 5	49 · 9	59 · 4	46 · 6	81	1898	30	1887	17	2 · 87	124 · 0	33
	Leith	29 · 880	53 · 5	50 · 9	62 · 1	47 · 5	83	1898	33	1886	15	2 · 19	—	—
	North Shields	29 · 905	53 · 2	51 · 1	60 · 4	48 · 3	81	1898	34	1885, 89, 93	14	2 · 20	—	—
	Spurn Head	29 · 941	55 · 7	53 · 8	60 · 9	52 · 4	[79]*	[1899]	[38]*	[1892]	14	1 · 80	—	—
	Yarmouth	29 · 956	56 · 5	54 · 3	62 · 4	51 · 3	78	1880, 98	33	1885	15	2 · 57	—	—
	Loughborough	29 · 970	53 · 5	51 · 7	65 · 5	47 · 5	[90]*	[1898]	[29]*	[1898]	14	2 · 44	—	—
	Oxford.....	29 · 985	54 · 0	52 · 1	64 · 6	48 · 8	90	1898	33	1885	13	2 · 39	144 · 2	39
	LONDON	29 · 991	55 · 8	53 · 4	66 · 8	49 · 7	91	1898	30	1877	13	2 · 21	116 · 0†	31†

* These values are from observations made during the following periods :—Spurn Head and Loughborough, 20 years, 1881-1900 ; Malin Head and Blacksod Point (Belmullet), 15 years, 1886-1900.
† The Sunshine values are for Westminster. ‡ The values for Portland Bill are for two years only, 1899-1900.

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VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE

(CONTINUED).

	STATIONS.	PRESSURE AT 8 A.M. Means, 1871-1900.	TEMPERATURE OF AIR. 1871-1900. Means of				Absolute Extremes.				RAINFALL. Means for		BRIGHT SUNSHINE. Means, 1881-1900.	
			Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Date.	Minimum.	Date.	1871-1900. Days with Rain.	1866-1900. Total Fall.	Average Duration.	Per cent. of possible.
		(*Inches.*)	°	°	°	°	°		°			(*Inches.*)	(*Hours.*)	
OCTOBER.	Sumburgh Head	29 · 721	45 · 9	44 · 3	49 · 8	41 · 6	61	1898	26	1875	24	4 · 43	—	—
	Stornoway	29 · 752	45 · 4	44 · 4	51 · 1	40 · 3	70	1898	26	1886	24	5 · 31	87 · 0	28
	Malin Head	29 · 803	48 · 4	46 · 3	52 · 6	45 · 6	[69]*	[1898]	[32]*	[1892]	[21]*	[2 · 99]*	—	—
	Blacksod Point	29 · 851	49 · 5	46 · 6	54 · 1	45 · 9	[70]*	[1898]	[33]*	[1892]	[23]*	[5 · 20]*	—	—
	Valencia	29 · 885	51 · 0	48 · 9	56 · 4	46 · 3	69	1898	28	1892	22	5 · 61	104 · 4	32
	Roche's Point	29 · 886	50 · 1	48 · 3	55 · 8	46 · 0	65	1880, 84, 86	32	1881	16	4 · 21	—	—
	Parsonstown	29 · 883	45 · 5	44 · 0	54 · 7	40 · 5	69	1898	22	1880	18	3 · 06	99 · 9	31
	Donaghadee	29 · 843	47 · 8	46 · 5	53 · 7	43 · 5	66	1898	31	1892	18	3 · 14	—	—
	Liverpool	29 · 872	47 · 7	45 · 6	53 · 8	44 · 5	72	1886	27	1895	18	3 · 52	—	—
	Holyhead	29 · 863	50 · 2	48 · 1	54 · 7	46 · 9	71	1886	32	1892	20	4 · 33	—	—
	Pembroke	29 · 880	51 · 2	49 · 2	54 · 9	47 · 9	66	1872, 1886	33	1895	20	4 · 14	104 · 9	32
	Scilly	29 · 897	53 · 8	51 · 7	56 · 9	50 · 1	69	1895	38	1895, 96	21	3 · 73	—	—
	Jersey	29 · 920	53 · 7	50 · 9	58 · 6	48 · 9	73	1876, 1898, 1900	33	1887	19	4 · 47	130 · 0	40
	Portland Bill‡	[30 · 029]	[53 · 4]	[51 · 3]	[58 · 5]	[49 · 3]	—	—	—	—	[12]	[1 · 72]	—	—
	Dungeness	29 · 908	50 · 4	48 · 6	56 · 6	46 · 2	70	1886	23	1890	16	3 · 23	—	—
	Wick	29 · 755	46 · 2	44 · 6	51 · 8	40 · 4	73	1898	22	1885	21	3 · 11	—	—
	Nairn	29 · 773	44 · 6	42 · 8	52 · 2	39 · 8	72	1898	19	1898	18	2 · 43	—	—
	Aberdeen	29 · 791	45 · 7	43 · 6	52 · 5	41 · 2	74	1883	25	1880	20	3 · 00	98 · 9	31
	Leith	29 · 814	46 · 4	44 · 6	54 · 6	41 · 5	70	1898	25	1894	16	2 · 09	—	—
	North Shields	29 · 836	46 · 9	45 · 2	53 · 4	42 · 2	69	1898	27	1890, 92, 95	17	2 · 75	—	—
	Spurn Head	29 · 857	48 · 9	47 · 4	53 · 6	45 · 6	[70]*	[1900]	[33]*	[1887, 95]	16	2 · 34	—	—
	Yarmouth	29 · 884	49 · 2	47 · 6	54 · 4	44 · 6	74	1900	27	1895	18	2 · 98	—	—
	Loughborough	29 · 897	45 · 4	44 · 2	55 · 8	40 · 8	[77]*	[1886]	[20]*	[1890]	17	2 · 76	—	—
	Oxford	29 · 916	46 · 1	44 · 8	55 · 6	42 · 1	76	1886	22	1873	15	2 · 76	102 · 7	32
	LONDON	29 · 918	47 · 6	46 · 0	56 · 8	42 · 9	80	1880	24	1890	16	2 · 70	70 · 6†	22†
NOVEMBER.	Sumburgh Head	29 · 710	42 · 6	41 · 0	46 · 1	38 · 5	55	1890	21	1875	24	4 · 12	—	—
	Stornoway	29 · 720	42 · 5	41 · 5	46 · 8	37 · 4	58	1897	20	1880	23	5 · 28	40 · 6	18
	Malin Head	29 · 773	44 · 3	42 · 5	48 · 3	41 · 3	[50]*	[1894, 99]	[31]*	[1889]	[20]*	[3 · 08]*	—	—
	Blacksod Point	29 · 819	45 · 7	43 · 7	49 · 7	41 · 7	[66]*	[1897, 99]	[26]*	[1890]	[24]*	[5 · 22]*	—	—
	Valencia	29 · 883	47 · 6	45 · 6	52 · 4	43 · 0	63	1881	27	1890, 96	22	5 · 67	65 · 8	26
	Roche's Point	29 · 888	46 · 5	45 · 0	51 · 4	42 · 3	61	1875	27	1890	19	4 · 65	—	—
	Parsonstown	29 · 869	42 · 0	40 · 6	49 · 4	37 · 2	63	1872	20	1890	19	2 · 97	63 · 8	25
	Donaghadee	29 · 838	43 · 9	42 · 7	48 · 8	39 · 7	60	1894	27	1878, 83	19	3 · 12	—	—
	Liverpool	29 · 883	43 · 0	41 · 2	48 · 3	40 · 0	63	1872	22	1880	17	2 · 71	—	—
	Holyhead	29 · 865	46 · 2	44 · 4	50 · 0	43 · 0	62	1881	29	1880	20	3 · 96	—	—
	Pembroke	29 · 890	47 · 4	45 · 7	50 · 6	43 · 9	58	1884, 95, 97, 99	28	1890	20	3 · 94	60 · 9	24
	Scilly	29 · 911	50 · 3	48 · 5	53 · 0	46 · 6	61	1898	29	1890	21	3 · 65	—	—
	Jersey	29 · 953	48 · 2	46 · 1	52 · 6	44 · 4	66	1899	16	1890	19	4 · 07	73 · 5	27
	Portland Bill‡	[29 · 989]	[49 · 9]	[47 · 7]	[53 · 3]	[45 · 3]	—	—	—	—	[14]	[3 · 65]	—	—
	Dungeness	29 · 923	45 · 0	43 · 6	50 · 1	41 · 1	63	1899	17	1890	17	2 · 57	—	—
	Wick	29 · 743	42 · 0	40 · 6	46 · 7	38 · 8	62	1900	15	1884	20	2 · 89	—	—
	Nairn	29 · 761	40 · 5	38 · 9	48 · 3	35 · 6	61	1885, 94	18	1880, 98	17	2 · 13	—	—
	Aberdeen	29 · 792	41 · 1	39 · 3	46 · 6	37 · 1	62	1872, 89	15	1880, 84	20	3 · 06	52 · 7	22
	Leith	29 · 817	42 · 3	40 · 6	48 · 5	37 · 5	64	1872	18	1885	16	2 · 07	—	—
	North Shields	29 · 844	42 · 8	41 · 2	48 · 0	38 · 4	62	1881, 94	20	1880	17	2 · 33	—	—
	Spurn Head	29 · 874	43 · 8	42 · 5	47 · 5	40 · 7	[61]*	[1894, 95]	[28]*	[1884]	17	2 · 19	—	—
	Yarmouth	29 · 898	43 · 7	42 · 5	48 · 0	39 · 5	60	1895, 98, 99	23	1890	19	2 · 78	—	—
	Loughborough	29 · 910	40 · 9	39 · 7	48 · 6	37 · 0	[64]*	[1900]	[19]*	[1887, 93]	17	2 · 14	—	—
	Oxford	29 · 928	41 · 6	40 · 4	48 · 8	37 · 9	68	1881	19	1871, 87	15	2 · 30	56 · 4	22
	LONDON	29 · 931	42 · 8	41 · 3	49 · 8	38 · 5	65	1894	19	1879	16	2 · 29	27 · 7†	11†
DECEMBER.	Sumburgh Head	29 · 647	40 · 1	38 · 6	43 · 2	35 · 9	53	1890	19	1877	26	4 · 46	—	—
	Stornoway	29 · 671	40 · 0	39 · 0	43 · 7	34 · 6	55	1898	15	1880	26	5 · 68	23 · 9	12
	Malin Head	29 · 748	41 · 6	40 · 1	45 · 4	38 · 3	[55]*	[1900]	[31]*	[1880, 87, 91, 92, 94, 96, 99]	[24]*	[3 · 36]*	—	—
	Blacksod Point	29 · 803	43 · 2	41 · 3	47 · 2	39 · 2	[59]*	[1899]	[26]*	[1896]	[27]*	[6 · 12]*	—	—
	Valencia	29 · 880	45 · 4	43 · 2	50 · 1	40 · 6	57	1884, 88, 99, 1900	24	1886	25	6 · 34	42 · 6	18
	Roche's Point	29 · 894	44 · 0	42 · 6	48 · 5	39 · 9	58	1878	25	1882	20	5 · 47	—	—
	Parsonstown	29 · 872	38 · 8	37 · 6	45 · 5	34 · 0	58	1877, 1900	28	1878	20	3 · 17	44 · 7	20
	Donaghadee	29 · 823	40 · 9	40 · 0	46 · 1	36 · 6	56	1885, 88, 94	20	1879	21	2 · 96	—	—
	Liverpool	29 · 881	39 · 4	37 · 7	44 · 2	36 · 1	59	1891, 98, 1900	13	1878	18	2 · 64	—	—
	Holyhead	29 · 864	43 · 2	41 · 6	46 · 8	39 · 5	56	1872, 88	25	1874	20	3 · 94	—	—
	Pembroke	29 · 963	44 · 4	43 · 0	47 · 4	40 · 9	57	1898	19	1890	21	4 · 17	44 · 0	19
	Scilly	29 · 936	47 · 7	45 · 8	50 · 3	43 · 8	58	1899, 1900	30	1890	22	4 · 19	—	—
	Jersey	29 · 992	44 · 6	42 · 2	48 · 1	40 · 1	61	1876	19	1871	20	3 · 88	62 · 3	25
	Portland Bill‡	[29 · 911]	[45 · 2]	[43 · 0]	[48 · 9]	[39 · 8]	—	—	—	—	[21]	[3 · 50]	—	—
	Dungeness	29 · 952	40 · 6	39 · 5	45 · 2	36 · 3	56	1880, 97, 98, 1900	12	1890	17	2 · 11	—	—
	Wick	29 · 684	38 · 7	37 · 5	42 · 9	33 · 4	56	[1898]	10	1880	22	3 · 18	—	—
	Nairn	29 · 713	37 · 5	36 · 0	42 · 6	32 · 4	58	1900	10	1882	18	2 · 16	—	—
	Aberdeen	29 · 747	37 · 5	35 · 8	42 · 4	33 · 3	58	1873	6	1882	20	3 · 23	38 · 2	19
	Leith	29 · 782	39 · 1	37 · 6	46 · 5	34 · 1	60	1896	6	1882	15	1 · 95	—	—
	North Shields	29 · 825	38 · 9	37 · 5	43 · 0	34 · 3	59	1873, 98	10	1878, 79	16	2 · 34	—	—
	Spurn Head	29 · 864	39 · 4	38 · 2	43 · 1	35 · 8	[56]*	[1898]	[19]*	[1891]	17	2 · 07	—	—
	Yarmouth	29 · 911	38 · 6	37 · 5	42 · 7	34 · 2	56	1873	15	1879	17	2 · 47	—	—
	Loughborough	29 · 914	36 · 9	35 · 9	43 · 5	32 · 8	[59]*	[1888, 1900]	[7]*	[1890]	15	2 · 35	—	—
	Oxford	29 · 950	37 · 6	36 · 5	43 · 7	34 · 0	58	1888, 97	6	1878	16	2 · 16	41 · 6	18
	LONDON	29 · 953	38 · 5	37 · 3	44 · 7	34 · 4	58	1873, 88, 91, 98	11	1878	15	2 · 15	13 · 1†	5†

* These values are from observations made during the following periods:—Spurn Head and Loughborough, 20 years, 1881-1900; Malin Head and Blacksod Point (Belmullet), 15 years, 1886-1900.
† The Sunshine values are for Westminster.
‡ The values for Portland Bill are for two years only, 1899-1900.

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 1st September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW. *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
Scandinavia.	Haparanda ...	29·42	50	NE	4	o	29·66	+·26	49	44	− 3	E	4	7	*	57	50	−	*	−
	Hernösand ...	29·53	49	N	0	7	29·79	+·21	55	51	+ 1	N	4	7c	*	61	48	−	*	−
	Stockholm ...	29·43	51	E	4	r	29·69	+·02	53	52	0	N	6	o	*	59	46	−	*	0·28
	Wisby	29·47	56	W	4	o	29·63	−·10	52	51	− 1	W	4	r	*	56	50	−	*	0·24
	Karlstad	29·35	51	SE	4	r	29·84	+·19	53	50	+ 3	NW	2	7c	*	*	*	−	*	0·35
	Færder (X'iania Fjord)	29·42	51	NNW	4	o	29·92	+·33	54	49	+ 1	NNW	5	7	3	57	50	−	*	0·32
	Bodö	29·66	46	NW	4	7c	29·78	+·09	47	45	− 1	W	5	o	2	48	43	−	*	−
	Christiansund ...	29·69	50	NE	3	c	30·06	+·43	51	45	+ 2	E	2	7	3	54	46	−	*	−
	Skudesnaes ...	29·67	52	NNW	9	o	30·02	+·68	52	49	+ 1	N	4	c	3	54	50	or	*	*
	Sumburgh Head	29·86	50	NW	4	c	29·99	+·51	49	46	+ 2	E	3	o	5	53	42	c	*	0·01
	Stornoway ...	29·98	55	N	2	o	29·74	+·05	50	49	+ 2	SE	6	r	6	58	47	or, o	3·8	0·09
	Malin Head ...	30·00	54	E	2	o	29·48	−·38	59	58	+ 5	S	7	o q p	3	59	53	7, o	*	0·32
	Blacksod Pt. ...	29·94	55	SE	2	rm	29·65	−·34	57	53	+ 2	WNW	7	8c	6	60	55	8c, rm	*	1·04
	Valencia	29·84	57	SE	4	orm	29·84	−·19	58	55	+ 3	SW	5	7c	5	61	53	rm, om	0·0	0·38
	Roche's Point ...	29·96	55	SE	4	orm	29·85	−·20	59	57	+ 4	WSW	3	7c	2	62	54	o, rf	*	0·09
	Parsonstown ...	29·98	54	W	1	r	29·75	−·26	61	57	+ 8	SW	6	o q	*	62	52	r	0·0	0·18
	Donaghadee ...	30·05	56	ESE	2	o	29·71	−·16	58	57	+ 4	S	5	o q	4	61	52	−	*	0·25
	Liverpool Obsy.	30·10	55	NW	1	r	29·88	−·04	61	58	+ 6	SSE	3	c	2	63	54	p	*	0·01
	Holyhead	30·08	55	SW	1	rgm	29·83	−·12	59	57	+ 1	SW	7	o q	5	61	53	c, rgm	*	0·08
	Pembroke (St. Ann's)	30·03	59	SSE	4	o	29·92	−·11	59	57	+ 2	SSW	5	c	5	61	56	−	1·0	−
British Islands.	Scilly (St. Mary's)...	30·01	61	SSE	3	f	29·94	−·13	59	57	− 1	SSW	4	c	3	64	57	f	0·5	−
	Jersey (St. Aubins)...	†30·11	63	SSE	2	7m	30·00	−·14	69	64	+ 9	ESE	2	7m	2	69	60	q, o, rmw	4·0	−
	Portland Bill ...	30·09	59	SW	2	f	30·06	−·01	63	62	+ 3	E	1	7	1	67	57	8c, f	*	0·01
	Dungeness ...	30·11	62	WNW	4	7	30·02	−·01	66	64	+ 2	SE	2	7o	1	68	56	7, f	7·8	−
	Wick	29·99	51	S	2	c	29·87	+·28	49	48	+ 2	S	5	r	3	56	40	−	*	0·10
	Nairn	30·00	54	W	1	c	29·83	+·21	48	47	− 1	E	1	r	1	58	44	−	*	0·18
	Aberdeen ...	30·01	53	NW	3	c	29·90	+·45	48	47	− 5	SE	6	r q	4	57	45	p, o q, o	6·7	0·19
	Leith	29·98	59	W	2	7c	29·76	+·11	55	52	− 2	SE	3	c	*	65	50	8c, r	*	0·18
	North Shields ...	30·04	55	ESE	2	c	29·89	+·22	57	53	0	SSE	2	o	2	62	53	c, r	*	0·03
	Spurn Head ...	30·07	57	W	4	c	29·97	+·18	58	58	+ 1	SE	5	c	3	64	56	−	*	−
	Yarmouth ...	30·07	66	NW	3	7c	30·03	+·16	62	60	0	SSE	5	o	5	67	58	7, 8c	*	−
	Nottingham ...	30·08	61	WNW	1	o	29·96	+·05	58	56	+ 2	S	1	c	*	64	52	−	6·2	−
	Oxford	30·12	59	WSW	1	7	29·99	−·03	59	58	0	S	1	c	*	68	55	−	*	−
	London (Brixton)...	30·08	63	W	1	c	29·98	−·01	67	64	+ 5	S	3	7	*	72	55	8o, 8w	10·5	−
Germany, &c.	The Scaw (Skagen)	29·43	55	WNW	4	r	29·92	+·39	55	50	+ 2	N	3	7	1	61	52	−	*	0·35
	Fanö	29·87	56	W	9	7	30·12	+·50	55	50	− 5	WNW	4	c	*	63	54	−	*	−
	Cuxhaven ...	29·91	59	W	6	o	30·20	+·40	57	53	− 2	WNW	3	7	*	64	55	−	*	−
	The Helder ...	30·09	60	NW	4	7	30·15	+·35	61	56	− 3	SSE	1	7	0	66	48	−	*	−
	Brussels	*	*	*	*	*	30·14	+·07	67	63	+ 2	SSE	3	8c	*	71	55	−	*	−
	Berlin	29·95	66	W	5	7	30·21	+·20	56	52	− 2	W	4	7	*	73	52	−	*	−
	Frankfürt ...	30·12	67	SW	1	7	30·24	+·11	61	59	+ 2	E	2	7	*	79	55	−	*	−
	Munich	30·28	64	N	0	7	30·35	+·04	62	59	+ 7	SE	3	7	*	73	54	−	*	−
France.	C. Gris Nez ...	30·12	60	SW	4	o	30·03	+·03	66	61	+ 6	SE	3	7	2	66	54	−	*	−
	Brest	30·08	66	N	0	7	30·00	−·13	58	57	− 1	N	2	m	3	79	57	−	*	−
	Lorient	30·06	73	N	0	7	29·99	−·15	67	65	+ 7	S	2	7	4	77	60	−	*	−
	Rochefort ...	30·02	82	ESE	2	7	30·02	−·10	68	65	+ 4	SE	3	7	*	91	64	7	*	−
	Biarritz	30·01	86	ENE	4	7	30·06	−·06	74	70	+ 10	N	0	7	2	90	64	−	*	−
	Paris	30·15	73	SW	1	7	30·13	−·05	65	62	+ 5	S	1	7	*	82	59	−	*	−
	Belfort	30·15	72	WSW	2	7	30·21	−·01	60	58	+ 7	ENE	3	m	*	78	53	−	*	−
	Lyons	30·19	73	NNW	1	7	30·23	−·02	61	55	+ 4	SE	1	7	*	80	54	−	*	−
	Nice	30·13	76	SW	2	7	30·19	+·09	78	66	+ 3	ENE	1	7	0	84	70	−	*	−
	Perpignan ...	30·12	74	N	0	7	30·19	+·07	68	64	+ 2	W	1	o	*	87	58	−	*	−
Span. Pen.	Corunna														*				*	
	Lisbon														*				*	
	Azores (P. Delgada)	30·14	65	N	2	r	30·21	+·15	67	60	− 5	NNE	4	c	3	77	64	−	*	−
	,, (Horta) ...	30·21	66	N	3	c	30·26	+·24	61	55	− 12	NW	3	7	2	73	61	−	*	−

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

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

WEATHER CHARTS

FOR TUESDAY, 1ST SEPTEMBER, 1903.

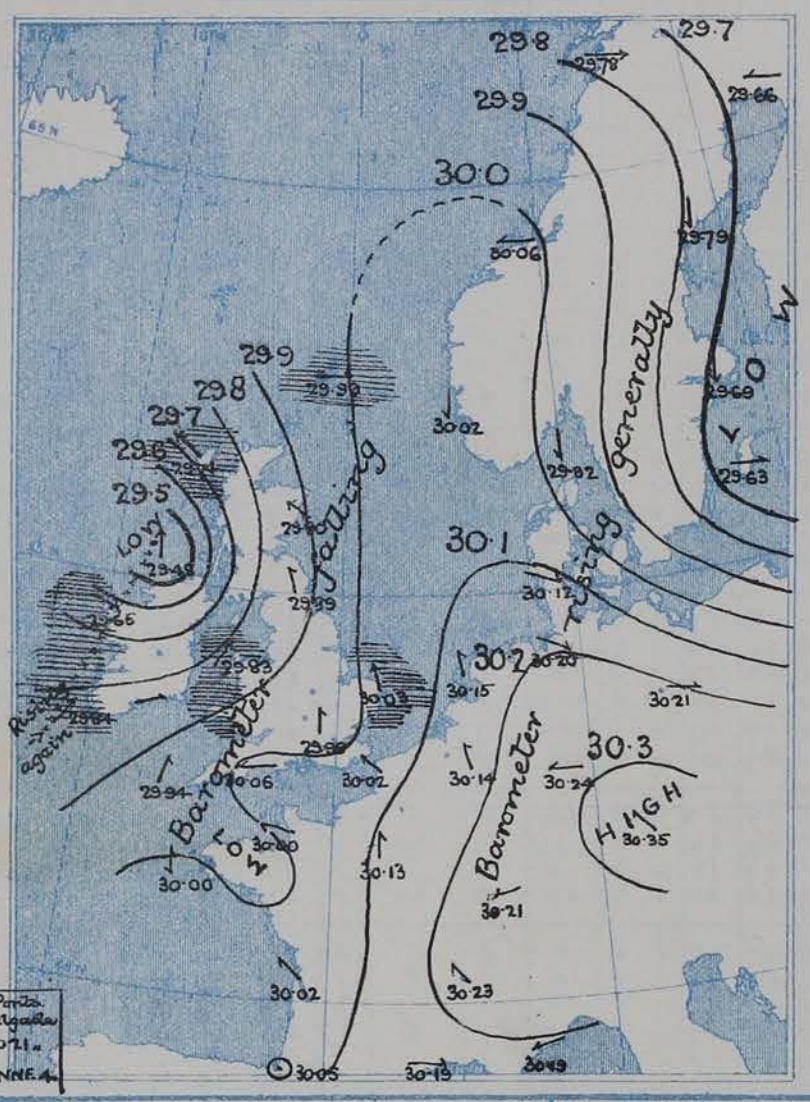
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

Force above 10 ⟫⟶ : *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟫⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙

SEA.—Rough ▒▒ *High* ▓▓

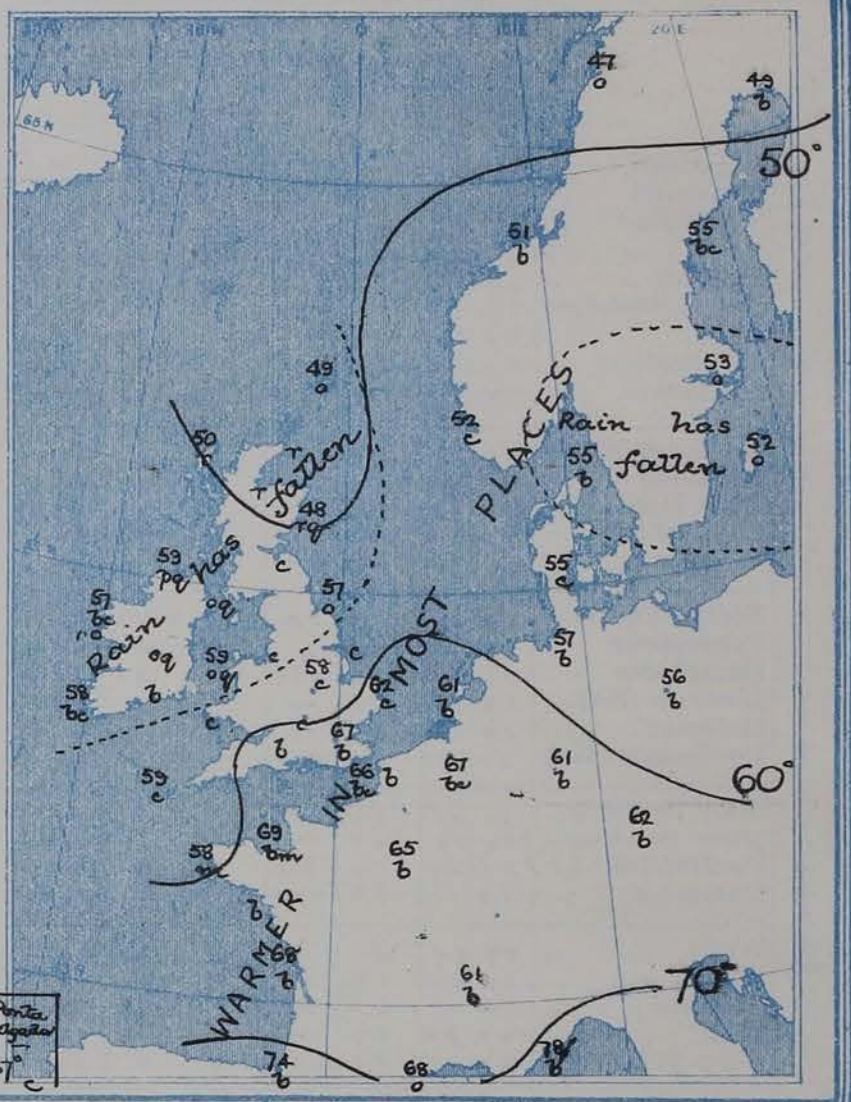


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

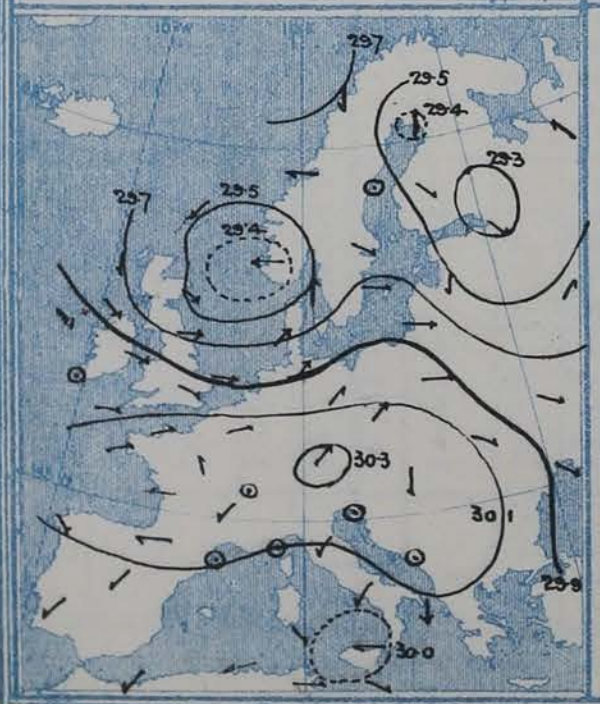
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

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



III BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

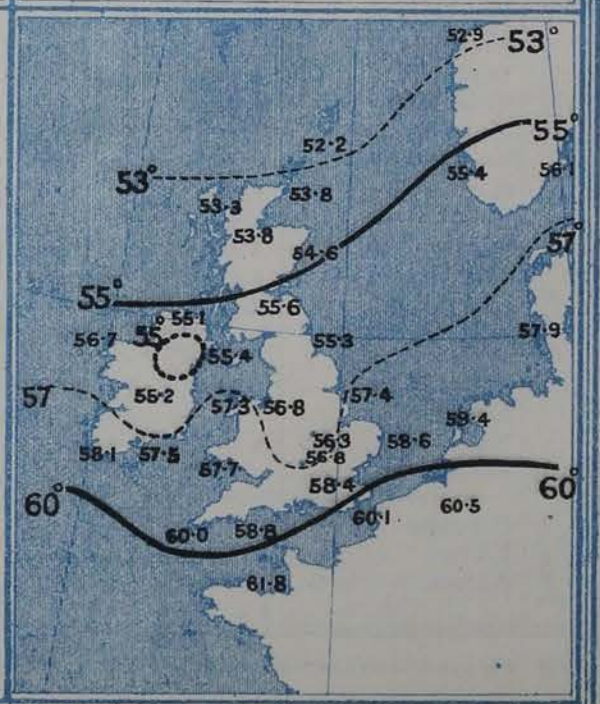
During the 32 Years 1871–1902.

Specimen (for LONDON) { *Greatest Rainfall* 5·31 (IN 1896) ; *Least ... Do ...* 0·31 (IN 1898)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the Two-monthly period

AUGUST–SEPTEMBER (1871–1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

The cyclonic system which yesterday skirted our western coasts has during the night crossed Scotland and passed out to the upper part of the North Sea, where the barometer is now below 29·4 ins. In the rear of the disturbance pressure has increased rapidly over the British Isles, and the gradients are still rather steep over the northern and eastern districts. At the Irish stations the barometric rise is slackening perceptibly. The anticyclone has moved eastward from the Bay of Biscay and France, and is now centred over Bavaria, with the barometer above 30·3 ins.

WIND

TEMPERATURE

WEATHER

AND

SEA

NE^{ly} or N^{ly} fresh to light breezes are reported in the extreme north of Scotland, calms and light S^{ly} airs over the southern half of Ireland, and NW^{ly} to W^{ly} winds over the remainder of the kingdom, moderate to light in the south and southwest of England, but strong to a gale elsewhere. The gale extends to the Continental shores of the North Sea, but generally over France and Germany light SW^{ly} breezes prevail. The weather is fair or fine over the eastern and inland districts of England, dull elsewhere, with mist or gloom in many places, showers in the north of Ireland and rain in the north of Scotland. Heavy falls have occurred in these localities, Stornoway reporting as much as 1·3 in. Temperature has risen somewhat at most stations, but is still very low in some districts, the present values ranging from 47° at Sumburgh Head and Wick, 48° at Stornoway and 53° to 55° over Ireland to 64° at Dungeness. At the Continental stations the readings are low generally. The sea is rough or rather rough at some northern and western situations and on the French side of the Straits of Dover.

During yesterday temperature touched 70° only at Parsonstown, and 68° at Jersey, against 54° at Sumburgh Head and 53° at Stornoway. There was very little bright sunshine, none at all in several places.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The northern disturbance will continue to travel away to the eastward, but the improvement taking place in its rear promises to be of a temporary character, as there are already indications of the existence of another depression beyond the southwestern coasts, the wind backing S^{ly} in Ireland.

FORECASTS*

For the 24 hours ending at NOON on 1ST SEPTR 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NW^{ly} to W^{ly} winds, moderating; fair generally, some showers.
1 SCOTLAND EAST	
2 ENGLAND N.E.	
3 ENGLAND EAST	W^{ly} to SW^{ly} winds, moderating; fair at first, less settled later, some showers.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Strong to light N^{ly} to W^{ly} winds; fair to unsettled, and showery.
7 ENGLAND N.W.	Same as Nos. 3 to 5.
8 ENGLAND S.W.	Light W^{ly} to increasing SW^{ly} winds; dull, unsettled, some rain.
9 IRELAND NORTH	Moderating NW^{ly}, backing SW^{ly} winds; dull, unsettled, some rain.
10 IRELAND SOUTH	Light and increasing S^{ly} winds; dull, unsettled, some rain.
WARNINGS	At 7.15 pm. yesterday to Districts 1, 2, 7, 9, 10, and parts of 0 and 8, "HOIST SOUTH CONE". The signals are still flying in District 6 and parts of 0 and 9.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	7	*	64	59	c	3·7	–
Bath	29.99	63	W	4	7	30·05	–·10	59	56	0	SW	4	7	*	63	57	–	0·0	0·05

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	64	50	or, 09	0·0	0·11	Broadstairs...	*	*	*	3·2	*
Rhyl, to 6 p.m.	*	*	*	4·8	*	Margate	64	*	*	3·5	*
Llandudno	*	*	*	1·3	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	61	54	or, c	1·0	0·06	Skegness	*	*	*		*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	61	*	*	0·7	*
Worthing	*	*	*	0·7	*	Harrogate, to 6 p.m. ...	58	46	or, oc	0·1	0·09
Brighton	64	*	*	0·3	*	Manchester, to 9 p.m. ...	66	48	or, 3c, r	0·2	0·06
Eastbourne, to 6 p.m. ...	64	*	*	1·0	*	Darwen, to 9 p.m.					
Hastings	*	*	*	1·9	*	Birmingham, to 9 p.m. ...	62	50	o	0·0	0·02

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

STATIONS. 30th Aug. 1908.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS	Temperature, F. Dry	Temperature, F. Wet	Weather.	Rain. Ins.
Obsns not received.						29th Aug. 1908			
Marseilles						1 p.m.		1 p.m.	Measured 7 a.m.
Utrecht...					Geneva	73	*	3c	–
Copenhagen					Berne	77	*	c	–
Prague					Lucerne	77	*	c	–
Vienna					Coire	77	*	c	–
Buda-Pesth					Castasegna	73	*	c	–
St. Petersburg					Lugano	82	*	3	–
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores (Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

31st Aug. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.2	11.53	6.44
Greenwich	5.12	12.0	6.48
Wick	5.11	12.12	7.13
Valencia	5.52	12.41	7.31

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 2nd September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW.** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
Scandinavia.	Haparanda ...	29.95	54	SSW	2	c	30.11	+.45	45	41	− 4	N	2	c	*	57	43	−	*	−
	Hernösand ...	30.13	43	N	0	b	30.21	+.42	48	45	− 7	N	0	0	*	61	43	−	*	−
	Stockholm ...	30.15	54	N	0	b	30.23	+.54	55	54	+ 2	S	2	0	*	63	48	−	*	−
	Wisby	30.17	54	N	0	b	30.29	+.66	57	54	+ 5	N	0	c	*	57	48	−	*	0.04
	Karlstad	30.14	57	N	0	bc	30.21	+.37	55	52	+ 2	S	2	0	*	*	*	bc,r	*	−
	Færder (X'iania Fjord)	30.12	56	WSW	2	0	30.13	+.21	55	54	+ 1	SE	5	bc	2	57	54	−	*	0.04
	Bodö	30.11	46	N	4	bc	30.19	+.41	43	41	− 4	SSE	4	bc	2	47	41	−	*	−
	Christiansund ...	30.04	51	N	3	bc	29.96	−.10	50	48	− 1	ESE	3	c	3	54	50	−	*	0.08
	Skudesnaes ...	30.00	53	S	6	0	30.06	+.04	55	54	+ 3	S	6	m	4	55	52	0	*	*
British Islands.	Sumburgh Head	29.65	48	SE	5	r	29.85	−.14	50	49	+ 5	WSW	5	b	6	54	46	r	*	0.28
	Stornoway ...	29.59	54	WSW	7	c	29.88	+.14	51	49	+ 1	W	2	c	2	57	47	0,c	1.9	0.59
	Malin Head ...	29.84	57	W	6	bc	29.91	+.43	53	52	− 6	SW	1	0	1	59	50	bc	*	−
	Blacksod Pt. ...	29.86	59	SW	5	bc	29.86	+.21	55	53	− 2	SE	2	c	2	60	48	b,bc	*	−
	Valencia	29.97	59	SW	2	c	29.86	+.02	55	54	− 3	SE	2	0	3	63	52	c	6.6	−
	Roche's Point ...	30.00	59	WSW	2	0	29.89	+.04	55	55	− 4	S	1	r	1	60	51	c,0	*	0.06
	Parsonstown ...	29.95	62	SW	1	b	29.90	+.15	52	51	− 9	E	1	0	*	64	50	−	7.5	−
	Donaghadee ...	29.89	64	SW	2	bc	29.95	+.24	55	54	− 3	E	1	0	2	66	49	−	*	−
	Liverpool Obsy.	29.98	63	W	1	b	29.93	+.05	53	52	− 8	WSW	1	r	1	68	52	b, or	*	0.38
	Holyhead ...	29.96	57	WSW	3	bc	29.92	+.09	54	53	− 5	E	1	rgm	1	63	53	bcp	*	0.26
	Pembroke (St. Ann's)	30.04	60	WSW	4	c	29.87	−.05	53	52	− 6	NE	2	rgm	4	62	53	−	6.1	0.57
	Scilly (St. Mary's)...	30.04	61	W	1	r	29.89	−.05	57	57	− 2	NE	5	r	3	66	56	c,r	4.2	1.09
	Jersey (St. Aubins)...	30.04	63	NW	3	cg	29.85	−.15	67	64	− 2	SE	2	bcm	2	72	61	bcm,cgp	10.0	0.01
	Portland Bill ...	30.06	63	W	2	bc	29.84	−.22	60	59	− 3	N	2	c	2	66	59	bc,f	*	0.02
	Dungeness ...	30.01	66	W	1	b	29.87	−.15	69	66	+ 3	SE	2	bcw	3	72	?63	b	11.4	−
	Wick	29.63	50	W	4	c	29.94	+.07	54	51	+ 5	WSW	3	c	2	62	47	−	*	0.50
	Nairn	29.67	56	SW	7	c	29.95	+.12	52	50	+ 4	SW	1	0	1	65	47	−	*	0.15
	Aberdeen ...	29.76	59	W	1	b	30.00	+.10	52	49	+ 4	SW	2	om	2	64	47	bcg,b	4.5	0.60
	Leith	29.81	60	WSW	3	b	29.98	+.22	54	52	− 1	SE	1	m	*	70	48	p,b	*	0.01
	North Shields ...	29.90	62	SW	3	c	30.02	+.13	55	54	− 2	SW	1	r	2	69	53	c,r	*	0.13
Germany, &c.	Spurn Head ...	29.94	68	WSW	3	bc	29.96	−.01	59	57	+ 1	NE	4	0	3	74	56	−	*	−
	Yarmouth ...	29.96	71	SW	2	bc	29.91	−.12	64	62	+ 2	E	4	bcm	3	71	59	bc	*	−
	Nottingham ...	29.95	70	W	1	b	29.94	−.02	58	56	0	NNE	2	0	*	72	56	−	3.7	0.14
	Oxford	30.07	63	WSW	1	b	29.83	−.16	61	60	+ 2	NE	3	or	*	73	57	b,r	*	0.01
	London (Brixton)...	29.98	74	N	0	b	29.83	−.15	70	67	+ 3	SSE	1	bc	*	83	60	b,cl	9.8	−
	The Scaw (Skagen)	30.12	57	SSW	2	bc	30.09	+.17	58	57	+ 3	S	3	0	1	61	55	−	*	0.16
	Fanö	30.11	57	ESE	4	c	30.23	+.11	60	59	+ 5	SSW	1	b	*	61	55	−	*	−
	Cuxhaven ...	30.14	65	SE	2	b	30.11	−.09	62	59	+ 5	S	2	b	*	65	57	−	*	−
	The Helder ...	29.99	69	SSW	1	b	30.00	−.15	67	64	+ 6	ESE	1	b	0	81	61	−	*	−
	Brussels	*	*	*	*	*	30.00	−.14	73	68	+ 6	SSE	4	b	*	84	66	−	*	−
	Berlin	30.26	64	NW	2	b	30.26	+.05	60	55	+ 4	SE	2	b	*	70	54	−	*	−
	Frankfürt ...	30.12	67	SE	1	b	30.12	−.12	66	61	+ 5	NE	1	b	*	84	59	−	*	−
	Munich	30.31	64	SE	1	b	30.28	−.07	60	58	− 2	SE	1	b	*	77	52	−	*	−
France.	C. Gris Nez ...	30.01	66	SW	2	b	29.92	−.11	70	67	+ 4	SE	3	b	1	79	61	−	*	−
	Brest	30.05	60	N	3	0	29.78	−.22	62	62	+ 4	N	0	0	1	68	57	−	*	0.12
	Lorient	29.97	71	NE	3	0	29.76	−.23	64	63	− 3	NE	4	b	2	82	61	−	*	−
	Rochefort ...	29.98	77	NW	2	b	29.84	−.18	69	64	+ 1	SSE	3	bc	*	95	64	b	*	−
	Biarritz	29.96	85	N	0	b	29.88	−.17	83	67	+ 9	SSE	4	b	0	93	72	−	*	−
	Paris	30.06	79	S	1	b	29.98	−.15	69	65	+ 4	SSE	2	b	*	89	62	−	*	−
	Belfort	30.12	77	N	2	b	30.13	−.08	65	62	+ 5	ENE	2	m	*	84	61	−	*	−
	Lyons	30.12	79	SSW	1	b	30.11	−.12	68	61	+ 7	SSE	2	b	*	87	61	−	*	−
	Nice	30.18	78	N	0	b	30.16	−.03	76	62	− 2	E	2	b	1	90	72	−	*	−
	Perpignan ...	30.12	72	E	3	0	30.10	−.09	72	68	+ 4	SE	1	b	*	82	63	−	*	−
Span. Pen.	Corunna														*				*	
	Lisbon														*				*	
	Azores (P. Delgada)	30.32	65	NNW	3	b	30.32	+.11	66	62	− 1	NNW	1	b	2	73	63	−	*	−
	„ (Horta) ...	30.34	66	N	0	b	30.34	+.08	62	57	+ 1	N	0	bc	1	75	61	−	*	−

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea*

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

WEATHER CHARTS

FOR WEDNESDAY, 2ND SEPTEMBER, 1903.

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

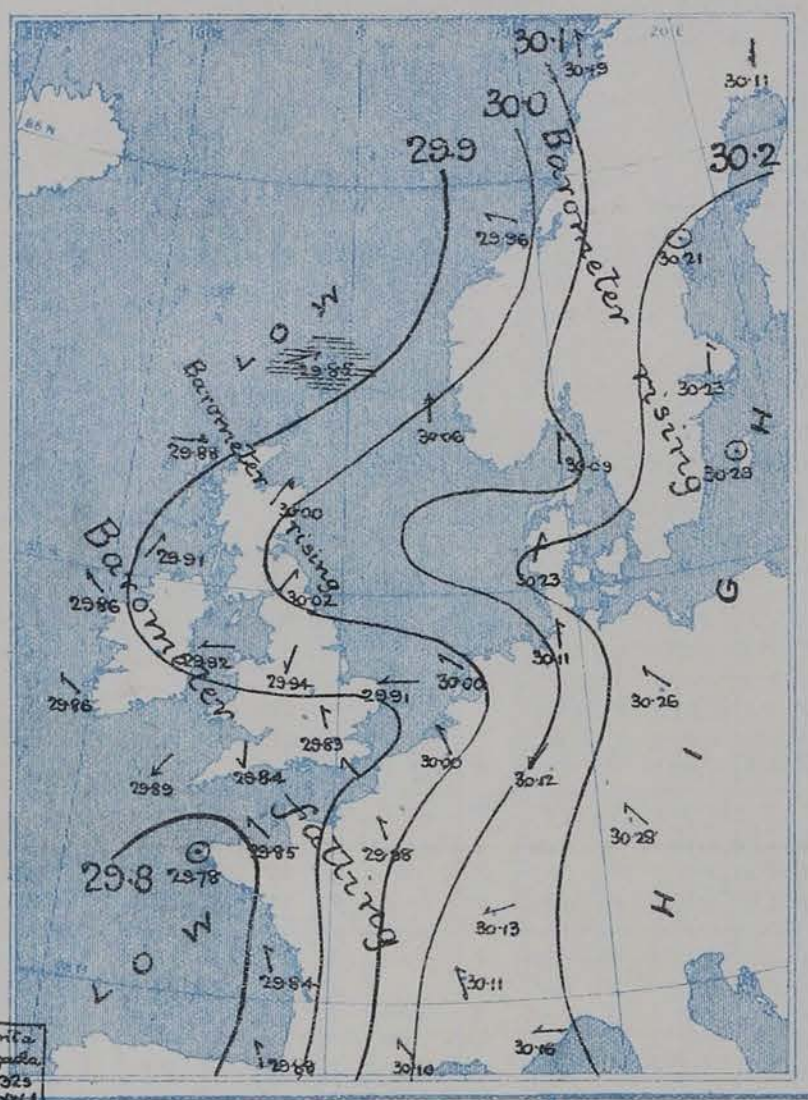
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟫⟶ : *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟫⟶ : *Force 1 to 4* ⟶

SEA.—Rough ▒ *Rough* ▓

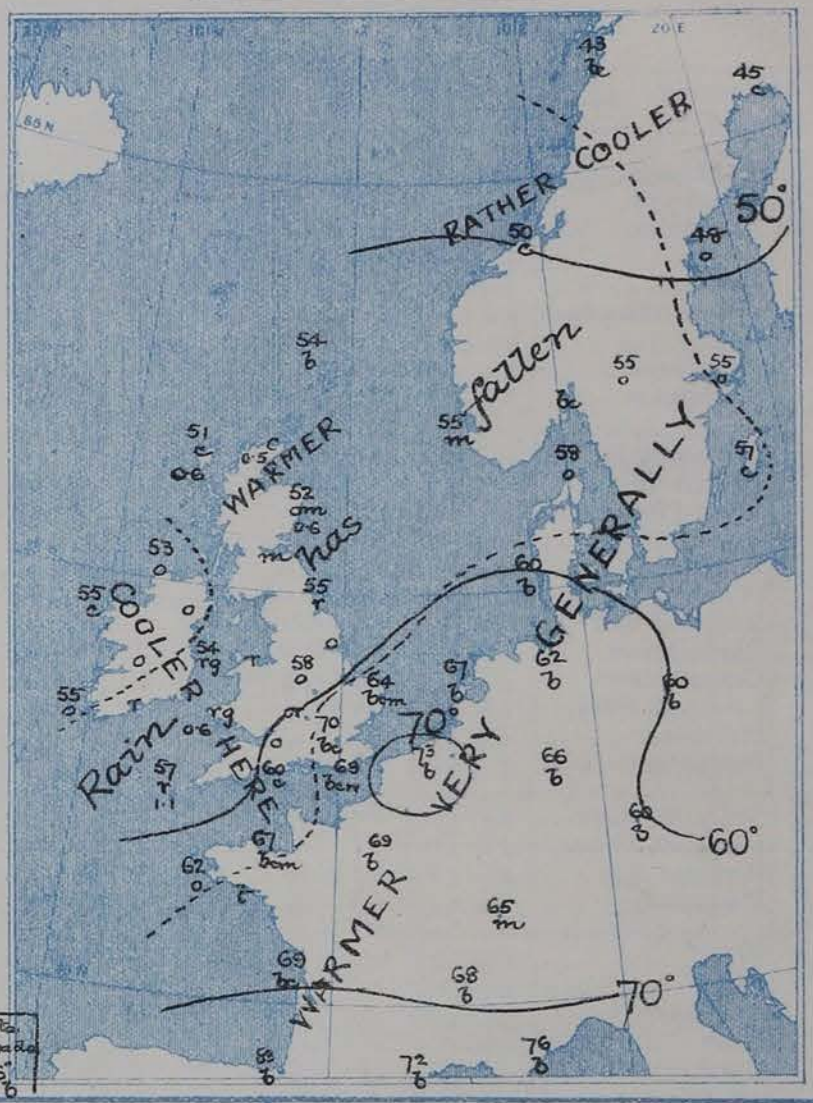


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

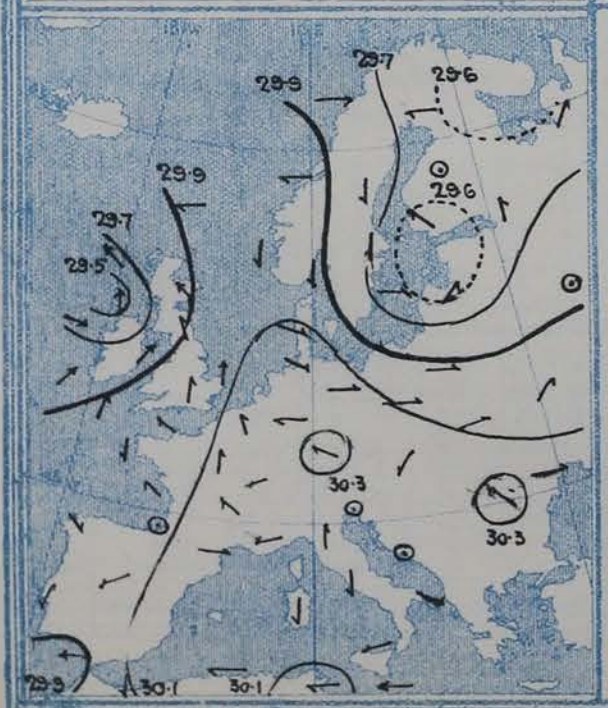
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

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



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

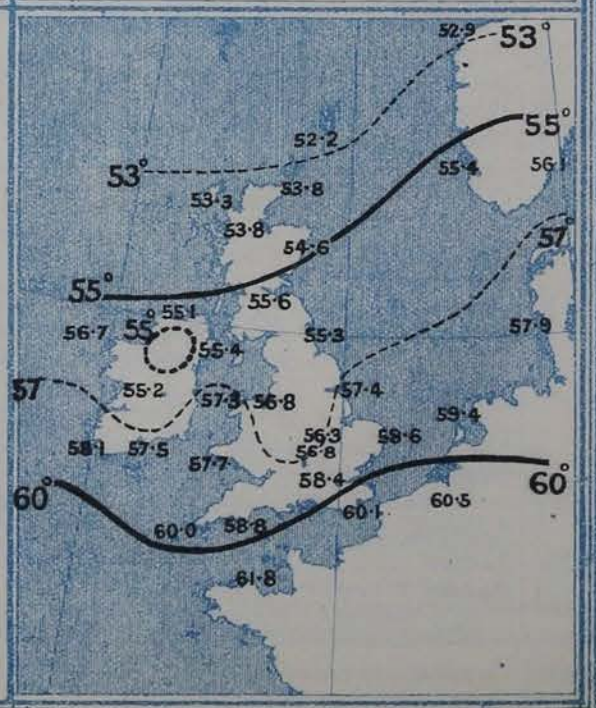
During the 32 Years 1871-1902.

Specimen (for London) { *Greatest Rainfall* 5·31 (IN 1896) ; *Least ... Do ...* 0·31 (IN 1898)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the Two-monthly period

AUGUST–SEPTEMBER (1871-1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression which lay over the North Sea yesterday morning has travelled away to the Baltic, but since last evening the centre of another rather deep disturbance has reached a position off the northwest of Ireland from the S3W^{t}, and a shallow secondary system has appeared over Brittany and the western portion of the Channel. The barometer at present ranges from above 30·3 ins. in an anticyclone over Bavaria and above 30·0 ins. in a ridge extending thence to the northwest of Norway to below 29·5 ins. at Malin Head, and about 29·6 ins. in the northern part of the Baltic. On our southwest coasts the mercury has commenced to rise again.

WIND

TEMPERATURE

WEATHER

AND

SEA

Under the influence of the new depression the wind blows strongly or with the force of a moderate gale from the SW^{t} on most parts of our western coasts, and from the S^{d} or SE^{t} over Scotland and in the extreme north of Ireland. Over our southern and southwestern districts and the adjacent parts of France the wind shows a feeble circulation around the secondary disturbance. To the eastward of the high pressure ridge moderate NW^{ly} breezes are reported. Temperature is now above the mean for the time of year over England, Ireland, and France, but is still rather below it in Scotland. It ranges from 74° at Biarritz to 69° at Jersey, 67° in London, 61° at Liverpool and Parsonstown and to 48° or 49° in the north and east of Scotland. The lowest value reported is 47° at Bodö. The weather is very fine and bright at the Continental stations as well as over the southern parts of England and Ireland; elsewhere the sky is cloudy or overcast, with rain throughout Scotland and showers in the north of Ireland. The sea is rough or rather so in the north and west, as well as at Yarmouth.

The highest temperature recorded over the United Kingdom yesterday was 72° in London; in the west of France the maxima were about 90°. Rain has again fallen at all our western and northern stations, but has not been heavy except at Blackrod Point, where 1·04 ins has been measured. Many hours of bright sunshine have been registered in the south and southeast, very little or none in the far west, and a moderate amount elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the northwest will probably continue to move NNE.^{wds} for the present and in its rear the weather will improve and the winds become less strong. The secondary system in the southwest seems likely to cause cloud and close weather in the south and southwest and thunderstorms locally.

FORECASTS*

For the 24 hours ending at NOON on 2ND SEPT^{R} 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S^{ly} to SW^{ly} winds, fresh generally, but a gale in extreme west; rainy, then improving and becoming warmer.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Light or moderate winds between S.E. and SW; fine and hot, then becoming close and thundery.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	

DISTRICTS.	FORECASTS.
6 SCOTLAND WEST	S^{ly} to SW^{ly} winds, strong to a gale at first, then moderating, rainy to showery.
7 ENGLAND N.W.	
8 ENGLAND S.W.	Variable or SW^{ly} winds, light; fair as a whole, but thunder locally.
9 IRELAND NORTH	SW^{ly} and W^{ly} winds, strong to moderate; showery to fair. Cooler.
10 IRELAND SOUTH	
WARNINGS	At 9.15 a.m. this morning to District 6 and part of 0, "HOIST SOUTH CONE". The signals are still flying in Districts 7, 10, and parts of 8 and 9.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.					THIS MORNING 8 A.M.									PAST 24 HOURS.				
	Bar. Ins	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	8w	*	70	59	8	10·2	-
Bath	30·07	65	SW	1	8	29.97	-·08	62	61	+ 3	SW	1	8	*	68	54	-	8·7	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERTURE F. Max.	TEMPERTURE F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F. Max.	TEMPERATURE F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	63	54	o, c, op	7·5	0·01	Broadstairs...	*	*	*	10·0	*
Rhyl, to 6 p.m.	*	*	*	6·3	*	Margate	71	*	*	9·5	*
Llandudno	*	*	*	4·7	*	Lowestoft, to 6 p.m. ...	68	59	oc, 8c, o	10·5	-
Aberystwyth, to 6 p.m. ...	61	57	c	5·0	-	Skegness	*	*	*	5·0	*
Plymouth, to 9 p.m.... ...	60	57	8c, f	8·3	0·04	Scarborough, to 6 p.m. ...	64	*	*	8·5	*
Worthing	*	*	*	8·8	*	Harrogate, to 6 p.m. ...	63	53	c, 8c	9·2	-
Brighton	68	*	*	8·6	*	Manchester, to 9 p.m. ...	65	55	g, 8co	5·2	-
Eastbourne, to 6 p.m. ...	66	*	*	8·8	*	Darwen, to 9 p.m.	60	50	g, oc, or	4·0	-
Hastings	*	*	*	8·7	*	Birmingham, to 9 p.m. ...	65	54	c, 8, c	6·1	-

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

STATIONS. 31st Aug. 1908.	TEMPERATURE, F. Max.	TEMPERATURE, F. Min.	WEATHER.	RAIN. Ins.	STATIONS. Obsns. not received.	TEMPERATURE, F. Dry.	TEMPERATURE, F. Wet.	WEATHER.	RAIN. Ins.
					30th Aug. 1908	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles	86	59	8 , 8	—	Geneva		*		
Utrecht...	66	59	o , o	—	Berne		*		
Copenhagen	61	50	c , o	—	Lucerne		*		
Prague	66	52	c , o	—	Coire		*		
Vienna	75	52	8 , c	—	Castasegna		*		
Buda-Pesth	75	54	8 , 8	—	Lugano		*		
St. Petersburg	61	50	o , r	0·47					
Rome	86	65	8 , 8	—					
Malta	85	70	? , 8c	—					
Madeira (Funchal) Not rec^{d}.									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER,—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m.(,, ,,)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

1st Sept. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5. 5	11. 53	6. 41
Greenwich	5. 14	12. 0	6. 46
Wick	5. 13	12. 12	7. 11
Valencia	5. 54	12. 41	7. 28

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 3rd. September, **1903.**

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW.** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
Scandinavia.	Haparanda ...	30·23	43	NE	2	b	30·33	+·22	42	39	− 3	NE	2	bc	*	52	42	–	*	–
	Hernösand ...	30·12	46	N	0	o	30·16	−·05	55	52	+ 7	E	4	o	*	59	39	–	*	–
	Stockholm ...	30·20	55	N	0	o	30·12	−·11	61	57	+ 6	SE	2	b	*	63	48	–	*	–
	Wisby	30·26	58	S	2	c	30·17	−·12	61	56	+ 4	N	0	b	*	63	48	–	*	–
	Karlstad	30·16	55	SW	2	o	29·91	−·30	58	55	+ 3	SE	2	b	*	*	*	–	*	–
	Færder (X'iania Fjord)	?30·11	59	E	2	o	29.80	−·33	60	58	+ 5	SSE	5	m	3	60	55	–	*	0·04
	Bodö	30·19	44	NE	4	b	29.98	−·21	50	42	+ 7	E	7	o	3	50	37	–	*	–
	Christiansund ...	30·06	55	E	2	o	29·40	+·56	67	56	+17	ESE	8	c	3	67	50	–	*	–
	Skudesnaes ...	29·93	55	N	0	o	29.67	−·39	57	55	+ 2	SSW	8	o	5	57	55	o	*	*
British Islands.	Sumburgh Head	29·89	51	ESE	1	o	29.60	−·25	49	45	− 5	WNW	3	bc	4	56	45	c, o	*	0·64
	Stornoway ...	29·78	55	SSE	2	o	29.58	−·30	52	51	+ 1	S	3	o	3	58	49	o	2·5	–
	Malin Head ...	29·74	53	ESE	4	op	29.66	−·25	51	51	− 2	S	5	cp	3	57	51	o, op	*	0·15
	Blacksod Pt. ...	29·70	54	SSW	2	cp	29.73	−·13	55	50	0	WSW	5	bc	5	61	50	bc, cp	*	0·13
	Valencia	29·75	58	S	4	c	29.86	·00	54	50	− 1	SW	4	c	4	63	52	cp, c	5·7	0·16
	Roche's Point ...	29·81	59	SW	2	b	29.90	+·01	56	53	+ 1	SW	2	b	2	61	54	p, bc, b	*	0·27
	Parsonstown ...	29·75	59	SE	1	bc	29.83	−·07	54	52	+ 2	SW	1	b	*	64	50	bc, pbl	3·0	0·04
	Donaghadee ...	29·74	54	NE	2	or	29.76	−·19	55	54	0	SSW	3	c	2	57	49	or	*	0·21
	Liverpool Obsy.	29·68	54	WNW	3	r	29.92	−·01	60	55	+ 7	SSW	2	b	2	60	52	rm	*	1·01
	Holyhead	29·72	55	NW	2	dgm	29.85	−·07	57	56	+ 3	SW	6	rgm	4	57	52	ormdgm	*	0·64
	Pembroke (St. Ann's)	29·80	56	NW	3	c	29.93	+·06	59	53	+ 6	SW	6	bc	5	60	?53	r, c	0·0	0·34
	Scilly (St. Mary's)...	29·88	60	WNW	4	c	29.98	+·09	58	56	+ 1	SW	4	c	3	61	56	c	4·2	0·11
	Jersey (St. Aubins)...	29·84	66	W	3	o	30·14	+·29	62	60	− 5	SW	3	bc	3	72	56	b, cgp	3·6	0·56
	Portland Bill ...	29·76	61	SW	2	r	30·08	+·24	60	59	0	SW	3	bc	3	66	57	c, bbr	*	0·40
	Dungeness ...	29·78	67	WSW	2	bc	30·12	+·25	63	60	− 6	WNW	2	b	0	77	53	m, bc, rr	10·8	0·12
	Wick	29·79	51	W	2	r	29.67	−·27	51	49	− 3	W	2	bc	1	56	48	–	*	0·40
	Nairn	29·77	55	E	1	r	29.67	−·28	51	50	− 1	N	0	c	0	55	41	–	*	0·33
	Aberdeen ...	29·80	50	ENE	3	or	29.74	−·26	53	51	+ 1	WSW	3	b	2	58	48	orrm	0·1	0·87
	Leith	29·74	53	NE	2	r	29.76	−·22	58	54	+ 4	SW	1	c	*	61	49	r	*	0·77
	North Shields ...	29·84	52	NE	3	r	29.86	−·16	59	56	+ 4	SW	2	bc	2	59	49	r	*	0·68
	Spurn Head ...	29·82	61	W	3	b	29·98	+·02	57	54	− 2	SW	4	b	3	63	52	bbr	*	0·13
	Yarmouth ...	29·70	68	S	3	b	30·05	+·14	60	54	− 4	WSW	4	b	3	72	52	b	*	–
	Nottingham ...	29·67	62	SSE	1	c	29·98	+·04	55	53	− 3	SW	1	b	*	63	49	–	0·0	0·02
	Oxford	29·80	60	SW	3	o	30·08	+·25	56	54	− 5	S	1	b	*	73	49	or	*	0·22
	London (Brixton)...	29·73	73	SSW	3	bc	30·09	+·26	60	56	− 10	SW	2	bw	*	84	51	bcgp, bw	7·4	0·02
Germany, &c.	The Scaw (Skagen)	30·01	60	SE	3	m	29·83	−·26	61	59	+ 3	SSW	4	m	1	64	58	–	*	–
	Fanö	29·89	66	ESE	4	b	29.94	−·29	63	62	+ 3	SW	4	c	*	75	60	–	*	–
	Cuxhaven ...	29·97	77	SSE	3	b	30·01	−·10	68	65	+ 6	SW	2	b	*	81	62	–	*	–
	The Helder ...	29·77	75	ENE	1	b	30·06	+·06	62	59	− 5	WNW	2	bc	1	86	61	–	*	–
	Brussels	*	*	*	*	*	30·15	+·15	63	60	−10	SW	2	o	*	87	62	–	*	–
	Berlin	30·14	73	SE	2	b	30·12	−·14	68	57	+ 3	SE	1	b	*	82	57	–	*	–
	Frankfürt ...	30·00	69	E	1	b	?		70	65	+ 4	SW	1	b	*	90	63	–	*	–
	Munich	30·15	65	N	0	b	30·25	−·03	65	58	+ 5	SW	2	b	*	81	57	–	*	–
France.	C. Gris Nez ...	29·78	71	SSW	3	b	30·07	+·15	59	57	−11	W	4	b	4	88	55	–	*	0·12
	Brest	29·94	60	NW	3	o	30·09	+·31	60	58	− 2	SW	4	bc	3	68	59	–	*	0·20
	Lorient	29·96	64	WNW	5	o	30·14	+·38	58	56	− 6	W	3	bc	2	78	55	–	*	0·31
	Rochefort ...	29·98	72	W	4	o	30·15	+·31	66	62	− 3	N	0	c	*	81	63	bc, o	*	–
	Biarritz																		*	
	Paris	29·88	81	SW	3	b	30·17	+·19	63	59	− 6	N	2	o	*	88	62	–	*	–
	Belfort	29·99	79	SE	3	m	30·15	+·02	67	61	+ 2	WSW	3	m	*	87	64	–	*	–
	Lyons	30·02	79	SSE	3	b	30:18	+·07	66	59	− 2	S	1	b	*	88	61	b, b	*	–
	Nice	30·13	76	E	1	b	30·12	−·04	76	62	0	E	3	b	2	90	68	–	*	–
	Perpignan ...	29·99	77	S	4	b	30·15	+·05	69	66	− 3	N	0	b	*	85	62	–	*	–
Span. Pen.	Corunna														*				*	
	Lisbon														*				*	
	Azores (P. Delgada)																		*	
	„ (Horta) ...	30·30	66	SW	2	b	30·13	−·21	69	63	+ 7	SW	4	bc	2	73	62	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

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

WEATHER CHARTS

FOR THURSDAY, 3RD SEPTEMBER, 1903.

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

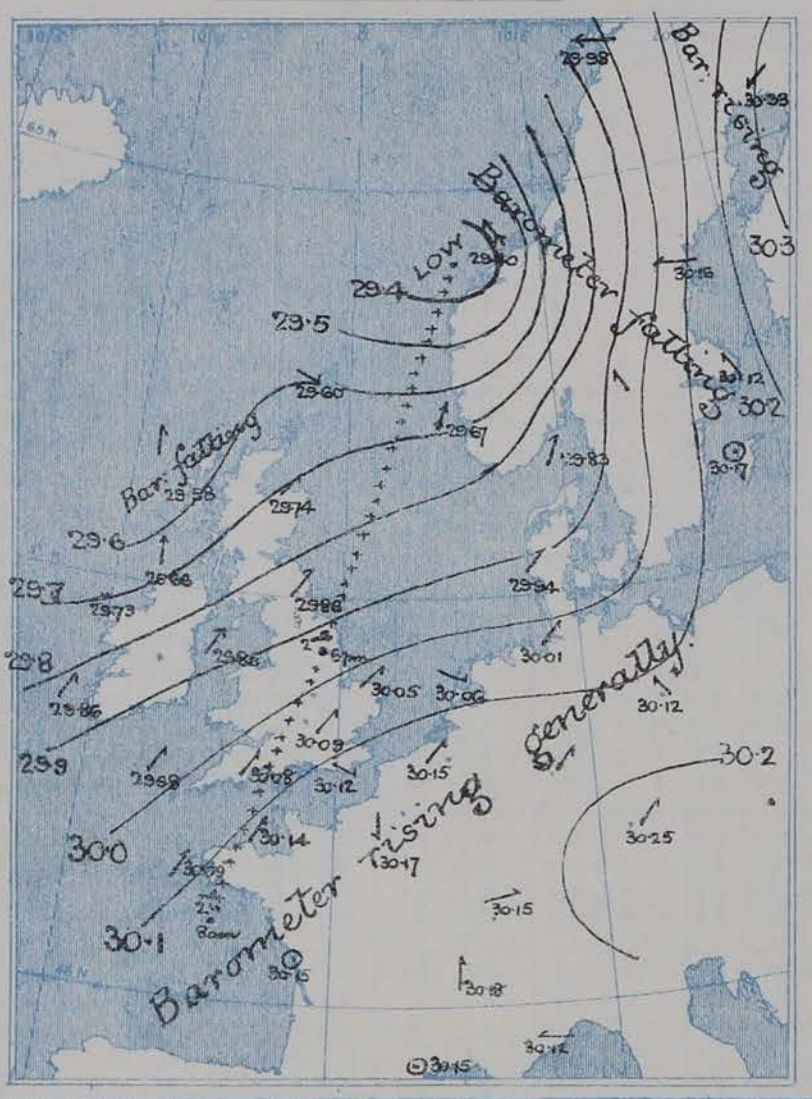
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟫⟶ : *Force 5 to 7* ⟶ : } Calm ⊙

Force 8 to 10 ⟫⟶ : *Force 1 to 4* ⟶ }

SEA.—Rough ▤ *High* ▩

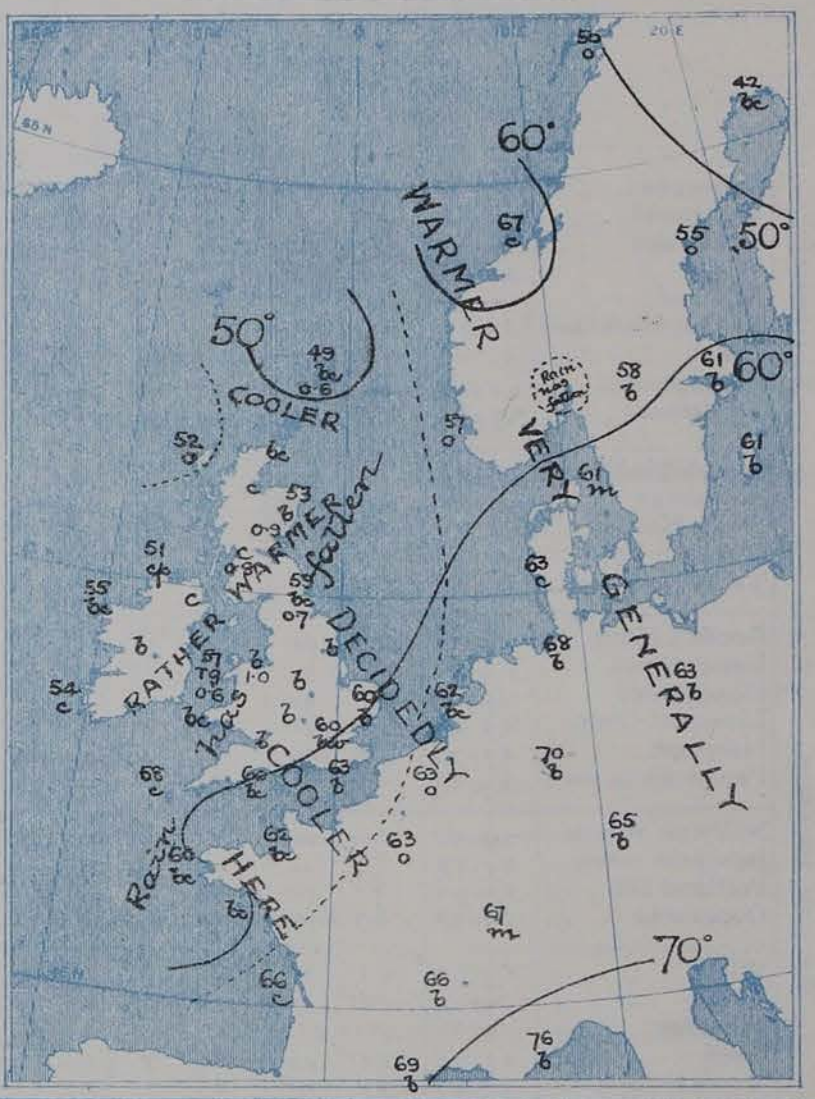


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

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

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



III BAROMETER AND WIND.

Yesterday morning.

IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

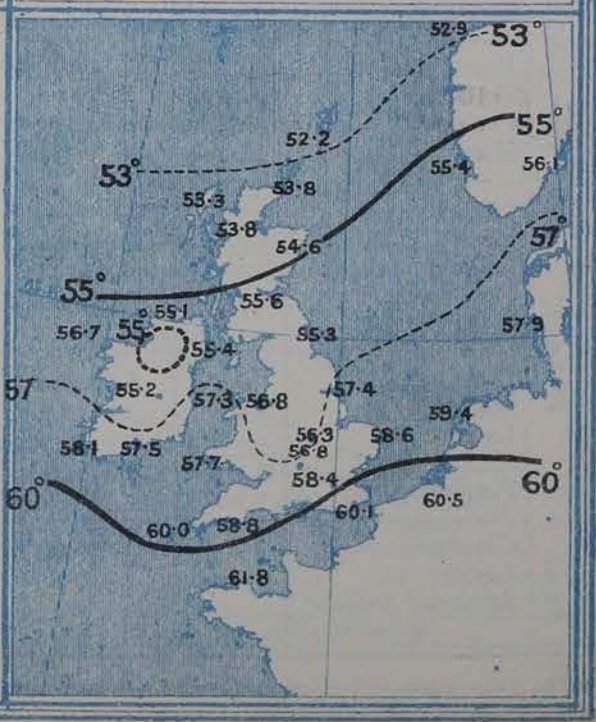
During the 32 Years 1871-1902.

Specimen (for LONDON) { *Greatest Rainfall* 5·31 (IN 1896) ; *Least ... Do. ...* 0·31 (IN 1898)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the Two-monthly period

AUGUST-SEPTEMBER (1871-1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression noticed in the northwest yesterday has passed away, but during the night a disturbance – complex and of increasing energy – has been developed over our southern districts and the Bay of Biscay. The highest pressure has in the meantime been transferred further to the northeastward, so that the barometer at present ranges from above 30·2 ins. over the Gulfs of Bothnia and Finland, the Baltic, and the western part of Germany to below 29·8 ins. over the Bay of Biscay. Gradients are at present slight, but are increasing in the south.

WIND

The wind is light to moderate from W. or SW. on our most northern coasts but in Ireland and England it has backed to the E.ly or NE.ly under the influence of the new depression. On the Continent it is mainly S.ly, but varies a good deal locally.

TEMPERATURE

Temperature has risen over most parts of the Continent, our extreme southeastern counties and in Scotland; fallen in most other places. At Biarritz the reading is as high as 83°, and at Cape Gris Nez and in London 70°, whence it decreases to 58° at Nottingham, 52° at Parsonstown and at some Scotch stations, and to 43° at Bodö.

WEATHER

The sky is nearly cloudless over the major portion of France and Germany and at our own southeastern stations; in nearly all other regions it is cloudy or overcast, with rain in the south of Ireland and several parts of England and Wales, and thunder at Lorient.

AND

SEA

The sea is rough at Dunbugh Head, slight or smooth generally.

The highest temperatures recorded over our Islands yesterday were 83° in London and 81° at Margate; in the extreme north and northwest the readings were below 60°. At Paris and Rochefort the respective maxima were 89° and 95°. Almost continuous sunshine was experienced on our south and southeast coasts, but not many hours over the Kingdom as a whole. Rain has fallen in most parts of the country during the past 24 hours – more than 0·5 in. in several parts of Scotland and at Pembroke, and as much as 1·1 ins. at Scilly. Lightning was seen in the Metropolis last evening and a lunar halo at Blackpool Point.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance noted above will probably spread out in a northeasterly or easterly direction and is likely to be joined by other systems from the westward. Very unsettled, rainy weather is indicated for the Kingdom generally, especially in the more southern districts, where, also, thunder is anticipated.

FORECASTS*

For the 24 hours ending at NOON on 3RD SEPT.R 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Wind backing to S. or SE., light or moderate; fair at first, then some rain.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Wind backing to SE. or E; dull, rain at times, thunder locally.
3 ENGLAND EAST	Same as No. 5.
4 MIDLAND COUNTIES	Same as No. 2.
5 ENGLAND SOUTH	Wind chiefly E.ly, freshening; fair and hot, then becoming rainy and thundery and much cooler.
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	Same as No. 2.
8 ENGLAND S.W.	NE.ly and N.ly winds, light or moderate; dull and rainy, then improving, thunder locally.
9 IRELAND NORTH	Light or moderate winds between S.E. and NE; cloudy or dull, some rain, fairer later.
10 IRELAND SOUTH	
WARNINGS	At 0.45 pm. yesterday to parts of Districts 0 and 1, "HOIST SOUTH CONE", and at 9.15 am. today to Districts 0, 6 and part of 1, "LOWER CONE."

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	8	*	71	62	8w	10·5	–
Bath	?30·04	60	SW	1	8	29·87	-·10	60	59	- 2	E	1	o	*	71	58	-	6·6	0·02

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	67	53	o, c	5·5	–	Broadstairs...	*	*	*	11·4	*
Rhyl, to 6 p.m.	*	*	*	5·0	*	Margate	81	58	8, c	10·5	–
Llandudno...	*	*	*	6·8	*	Lowestoft, to 6 p.m. ...	71	53	o, 8c, c	9·0	–
Aberystwyth, to 6 p.m. ...	66	60	8c	7·0	–	Skegness	*	*	*	8·0	*
Plymouth, to 9 p.m.... ...	66	57	8c, or	2·5	0·11	Scarborough, to 6 p.m. ...	72	*	*	6·8	*
Worthing	*	*	*	10·7	*	Harrogate, to 6 p.m. ...	70	52	c, o c, 8	7·1	–
Brighton	71	*	*	11·2	*	Manchester, to 9 p.m. ...	72	55	8c, o, 8c	7·2	–
Eastbourne, to 6 p.m. ...	72	*	*	10·7	*	Darwen, to 9 p.m.	67	50	o c, o r w	4·2	–
Hastings	*	*	*	11·8	*	Birmingham, to 9 p.m. ...	71	52	o, 8c, o	6·5	–

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

STATIONS. 1st Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS. 31st Aug. 1903.	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. Ins. Measured 7 a.m.
Marseilles	82	64	8c , 8	–					
Utrecht...	68	46	8 , 8c	–	Geneva	70	*	8	–
Copenhagen	64	54	o , o	0·04	Berne	75	*	8	–
Prague	75	55	8c , 8c	–	Lucerne	70	*	8	–
Vienna	75	59	c , 8	–	Coire	73	*	8	–
Buda-Pesth	75	55	8 , 8	–	Castasegna	72	*	8	–
St. Petersburg	63	50	c , o	–	Lugano	?	*	?	–
Rome	91	68	8 , 8	–					
Malta	81	73	? , 8c	–					
Madeira (Funchal) Not rec^{d}.									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

2nd Sept. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.7	11.53	6.39
Greenwich	5.16	12.0	6.44
Wick	5.15	12.12	7.9
Valencia	5.56	12.41	7.26

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„ Weekly , „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Friday, September 4th. 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW. *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	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. Hours.	Rainfall. Ins.
Scandinavia.	Haparanda ...	29.91	47	S	8	r	29.91	-.42	52	50	+10	NW	2	8c	*	52	36	–	*	0.43
	Hernösand ...	29.82	53	N	0	8	29.97	-.19	54	51	-1	N	0	8	*	59	39	–	*	0.04
	Stockholm ...	30.01	58	S	2	c	30.10	-.02	57	53	-4	W	4	8	*	66	50	–	*	–
	Wisby	30.09	59	SW	6	8	30.17	.00	56	52	-5	SW	2	c	*	70	54	–	*	–
	Karlstad	30.03	55	SW	4	8	30.16	+.25	55	52	-3	W	4	8	*	*	*	–	*	–
	Færder (X'iania Fjord)	29.95	60	SW	6	8	?		59	57	-1	WSW	5	m	3	61	55	–	*	–
	Bodö	29.61	51	SW	6	o	29.69	-.29	49	49	-1	SW	8	r	4	52	46	–	*	–
	Christiansund ...	29.85	53	W	6	c	29.91	+.51	53	49	-14	WSW	6	r	4	?67	50	–	*	–
	Skudesnaes ...	30.01	56	S	6	o	30.12	+.45	55	54	-2	N	0	c	3	57	54	o	*	*
British Islands.	Sumburgh Head	29.68	51	SW	4	r	29.96	+.36	52	50	+3	SSW	2	8	4	54	45	c,r	*	0.10
	Stornoway ...	29.73	52	WSW	3	o	29.85	+.27	53	51	+1	SSW	4	o	5	56	46	r9.0	4.1	0.15
	Malin Head ...	29.85	57	W	5	8c	29.81	+.15	55	54	+4	SSW	5	op	3	58	51	8c	*	0.01
	Blacksod Pt. ...	29.85	59	SSW	4	op	29.70	-.03	57	55	+2	SE	5	rm	4	60	52	8,op	*	0.35
	Valencia	29.91	56	SSE	3	rm	29.70	-.16	59	56	+5	SE	6	o	4	61	54	rm	4.4	0.78
	Roche's Point ...	29.98	57	S	3	c	29.83	-.07	58	55	+2	S	5	om	4	61	55	c	*	–
	Parsonstown ...	29.94	57	SW	1	o	29.84	+.01	57	55	+3	SW	2	c	*	63	53	o,p	5.9	0.12
	Donaghadee ...	29.96	59	W	2	cp	29.95	+.19	57	56	+2	SSW	2	o	2	63	53	cp	*	0.01
	Liverpool Obsy.	30.03	59	WSW	3	c	30.04	+.12	57	53	-3	SSE	2	8c	2	63	48	–	*	0.03
	Holyhead	30.00	57	SW	5	cm	29.98	+.13	58	56	+1	S	4	cm	3	62	54	8c,cm	*	0.03
	Pembroke (St. Ann's)	30.04	58	SSW	5	8c	29.95	+.02	59	57	0	S	5	cgqp	5	61	56	8c,8	6.2	–
	Scilly (St. Mary's)...	30.09	63	SSW	3	c	30.00	+.02	59	56	+1	SSE	5	c	3	65	55	c	8.8	0.02
	Jersey (St. Aubins)...	30.16	63	WNW	3	cg	30.06	-.08	63	60	+1	ESE	3	c	3	68	56	8,cg	8.5	–
	Portland Bill ...	30.12	60	SW	2	8c	30.05	-.03	61	59	+1	SE	3	8cw	2	64	55	8c	*	0.01
	Dungeness ...	30.17	62	WSW	3	8	30.12	.00	65	62	+2	ESE	1	8cw	1	67	58	8c,8	12.1	–
	Wick	29.78	55	W	2	o	29.93	+.26	53	50	+2	S	3	8c	2	60	45	–	*	0.04
	Nairn	29.81	53	W	1	8c	29.91	+.24	54	50	+3	W	1	c	1	60	43	–	*	0.02
	Aberdeen ...	29.85	57	WSW	4	8	30.00	+.26	53	51	0	SSW	2	cm	2	60	45	p,c,8	7.0	0.13
	Leith	29.87	59	WSW	3	8	29.98	+.22	56	52	-2	SE	1	c	*	66	51	–	*	–
	North Shields ...	29.97	61	SSW	3	c	30.06	+.20	54	51	-5	SW	2	8cm	2	65	48	p,c	*	0.01
	Spurn Head ...	30.05	64	SSW	4	8c	30.11	+.13	57	55	0	S	2	8c	2	69	53	–	*	–
	Yarmouth ...	30.08	66	S	4	8	30.13	+.08	61	57	+1	SW	3	8c	2	70	52	8c,8	*	–
	Nottingham ...	30.03	62	WSW	1	8	30.10	+.12	51	50	-4	S	1	o	*	67	40	–	4.4	0.02
	Oxford	30.14	60	SSW	2	8c	30.11	+.03	55	54	-1	SE	1	of	*	66	50	u, 8c	*	–
	London (Brixton)...	30.10	62	WSW	2	8c	30.10	+.01	59	57	-1	SE	1	c	*	71	51	8,8c,2,8w	9.9	–
Germany, &c.	The Scaw (Skagen)	30.10	55	W	3	8c	30.18	+.35	56	55	-5	W	2	m	0	66	50	–	*	–
	Fanö	30.18	52	N	0	c	30.25	+.31	57	56	-6	SSW	1	8	*	64	50	–	*	–
	Cuxhaven ...	30.18	64	NW	2	c	30.23	+.22	58	57	-10	SSE	1	8	*	70	57	–	*	–
	The Helder ...	30.16	59	WSW	1	8	30.17	+.11	63	61	+1	SSW	1	8	0	68	48	–	*	–
	Brussels	*	*	*	*	*	30.17	+.02	64	61	+1	NE	1	8	*	71	52	–	*	–
	Berlin	30.11	78	NNE	1	8	30.20	+.08	65	62	+2	NNE	1	8	*	86	61	–	*	–
	Frankfürt ...	30.12	70	N	1	8	30.13	+.04	67	63	-3	N	2	o	*	86	64	–	*	–
	Munich	30.25	67	N	0	8	30.22	-.03	68	57	-2	SE	1	8	*	81	57	–	*	–
France.	C. Gris Nez ...	30.17	62	NNE	2	8	30.13	+.06	58	55	-1	ESE	2	8c	1	68	54	–	*	–
	Brest	30.15	63	SSW	2	8	29.99	-.10	58	56	-2	E	1	c	2	66	57	–	*	–
	Lorient	30.16	66	W	1	8c	30.03	-.11	59	57	+1	E	2	o	2	72	57	–	*	–
	Rochefort ...	30.12	70	NW	2	c	29.99	-.16	64	63	-2	ESE	3	o	*	77	61	c	*	–
	Biarritz	30.13	71	NNE	2	c	30.02	-.18	68	65	+2	E	3	c	1	72	64	c,rr	*	–
	Paris	30.18	67	NNE	2	8	30.13	-.04	60	58	-3	NE	2	c	*	75	57	–	*	–
	Belfort	30.10	73	WSW	4	m	30.10	-.05	63	63	-4	N	0	f	*	82	59	–	*	–
	Lyons	30.11	74	NNW	3	8c	?30.12	-.06	64	60	-2	E	1	8	*	85	61	c,8	*	–
	Nice	30.08	77	N	0	8	30.07	-.05	78	61	+2	N	0	8	1	93	70	–	*	–
	Perpignan ...	30.08	72	NE	3	8	30.06	-.09	66	66	-3	N	0	f	*	81	61	–	*	–
Spain, Pen,	Corunna																		*	
	Lisbon	30.08	64	NNW	5	0	30.09	-.03	64	59	0	NNE	3	8	*	75	61	–	*	–
	Azores (P. Delgada)																		*	
	„ (Horta) ...	29.98	72	SW	4	0	29.89	-.24	70	67	+1	N	3	c	2	75	69	–	*	0.51

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR FRIDAY 4TH SEPTR 1903.

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

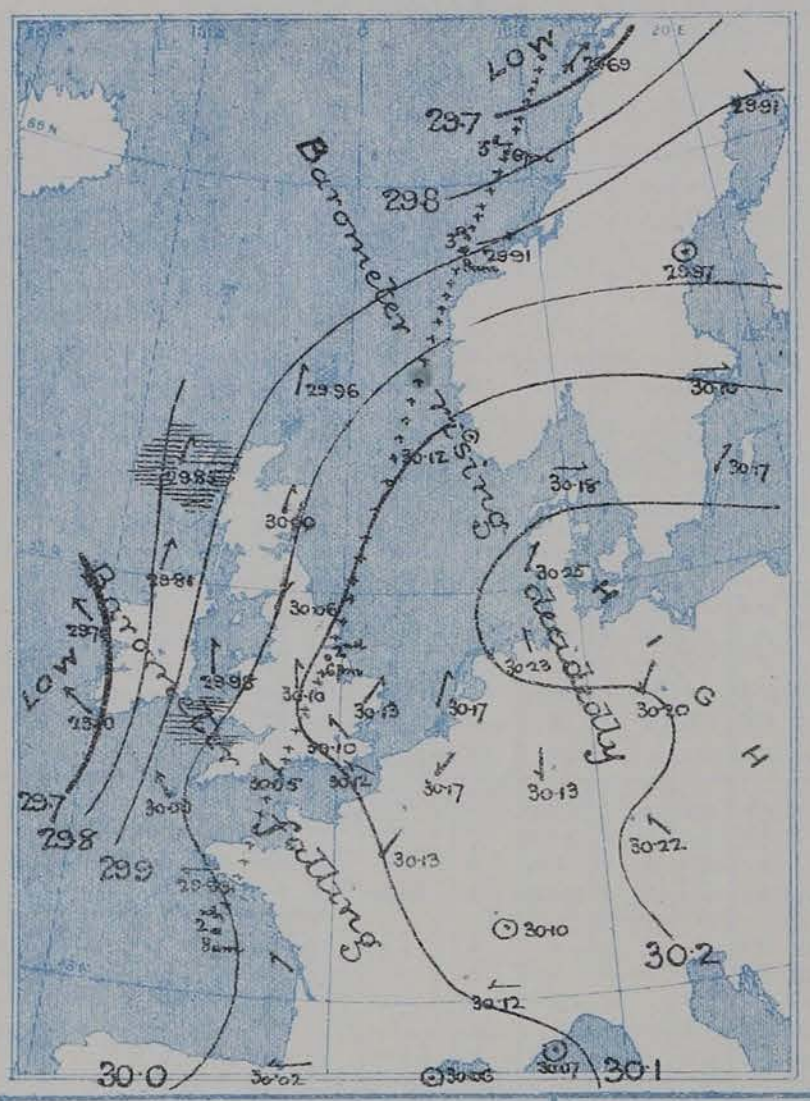
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⇒ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟹ *Force 1 to 4* ⟶

SEA.—Rough ▒ *High* ▓



GENERAL SITUATION AT 8 A.M.

PRESSURE

The shallow disturbance which occasioned the thundery conditions of yesterday has continued to travel north-northeastwards, but it has grown deeper, its centre being now on the Norwegian coast, with the barometer at 29.4 ins. Another depression has moved northward outside our western coasts and is now disappearing past the Hebrides. A general rise of the barometer has consequently taken place in the rear of both systems, but at Scilly the mercury is now reported to have become steady.

WIND TEMPERATURE WEATHER AND SEA

The wind is S. by W. on our northwestern coasts, but is W. by S. or SW. by S. in all other districts. Moderate or light breezes prevail, but round the north of Ireland a fresh breeze is blowing and on the Welsh coast a strong breeze. A light SW. by S. breeze is reported over the western half of the Continent, while a S. by E. to E. by S. current prevails over Scandinavia, a fresh S.S.W. gale at Skudesnaes and from E.S.E. at Christiansund. Rain is falling at Holyhead and showers at Malin Head, the atmosphere is misty on the Skagen Rack, but at nearly the whole of the home and foreign stations the weather is fair to very fine and bright. Temperature has changed irregularly, having decreased decidedly over the southeast of England and neighbouring part of the Continent, risen rather briskly in many parts of Scandinavia. The present readings range from 49° at Lumburgh Head to 63° at Dungeness, and on the Continent from 42° at Haparanda to 67° at Christiansund and 76° at Nice. The sea is slight to smooth generally, but is rather rough off Blackasd and Pembroke.

During yesterday temperature rose to 84° in London and at Margate, to 77° at Dungeness and 75° at Eastbourne, but not higher than 55° to 60° at many northern and western stations. Thunderstorms and heavy rain occurred in many places, 1 in. at Liverpool and 1.4 in. at Southport. Bright sunshine was abundant in the southeast, 11 hours at Hastings, little or none elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general outlook is now of a more promising character, and disturbances are likely to keep at some distance out on the Atlantic. There are, however, indications of the existence of a small secondary system near the southwest coast, which may result in a temporary interference with the improving conditions in the south.

FORECASTS*

For the 24 hours ending at NOON on 4TH SEPTR, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	W. by S. or SW. by S. breezes, moderate or light; generally fair or fine, local showers.	6 SCOTLAND WEST 7 ENGLAND N.W.	SW. by S. breezes, moderate or fresh; fair or fine local showers.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	SW. by S. breezes, light, becoming variable; fine at first, close and thundery later.	8 ENGLAND S.W.	SW. by S. to S. by W. breezes, moderate, becoming variable; fine at first, close and thundery later.
		9 IRELAND NORTH 10 IRELAND SOUTH	SW. by S. breezes, light to fresh; generally fair or fine, some showers.
		WARNINGS	NONE ISSUED.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins	Temp. °	Wind Direc^n	Wind Force	Weather	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	7	*	72	53	7,7c,l	10·5	0·07
Bath	29.75	60	W	4	r	30·05	+·18	59	56	−1	SW	2	7	*	67	49	-	0·0	0·38

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	57	53	or, o	0·0	1·39	Broadstairs...	*	*	*	10·8	*
Rhyl, to 6 p.m.	*	*	*	0·0	*	Margate	64	63	7, c	10·5	-
Llandudno	*	*	*	0·0	*	Lowestoft, to 6 p.m. ...	74	59	c, v, 7	10·4	-
Aberystwyth, to 6 p.m. ...	57	53	o	0·0	0·50	Skegness	*	*	*	5·5	*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	61	*	*	0·0	*
Worthing	*	*	*	9·3	*	Harrogate, to 6 p.m. ...	62	52	o, r7l, o	0·0	0·90
Brighton	73	*	*	10·0	*	Manchester, to 9 p.m. ...	62	54	r, or7l, r	0·0	0·93
Eastbourne, to 6 p.m. ...	75	*	*	10·2	*	Darwen, to 9 p.m.	57	51	ogr, ome	0·0	0·87
Hastings	*	*	*	11·0	*	Birmingham, to 9 p.m. ...	64	55	o, r, c	0·0	0·35

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

STATIONS. 2nd Sept. 1908.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. — Ins.	STATIONS.	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. — Ins. Measured 7 a.m.
Marseilles	90	63	7, 7	—	1st Sept. 1908				
Utrecht...	82	57	7c, 7	—	Geneva	75	*	7	—
Copenhagen	61	54	7, 7	—	Berne	79	*	7	—
Prague	79	55	7, f	—	Lucerne	73	*	7	—
Vienna	81	55	7, 7	—	Coire	79	*	7	—
Buda-Pesth	82	59	7, 7	—	Castasegna	75	*	7	—
St. Petersburg	61	50	o, 7	—	Lugano	82	*	7	—
Rome	88	66	c, 7	—					
Malta	80	73	?, c	—					
Madeira (Funchal) Not rec^d									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

3rd Sept. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.8	11.52	6.37
Greenwich	5.17	11.59	6.42
Wick	5.17	12.11	7.6
Valencia	5.57	12.40	7.24

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 5th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L. Ins.	Dry Bulb. °	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Direc.	Force (0 to 12.)			Max. °	Min. °		Hours.	Ins.
Scandinavia.	Haparanda ...	29.89	52	NW	6	8	30.13	+.22	51	46	- 1	NW	6	8	*	61	48	–	*	–
	Hernösand ...	30.19	53	N	0	8	30.34	+.37	50	45	- 4	N	0	8	*	68	48	–	*	–
	Stockholm ...	30.21	55	N	0	8	30.29	+.19	58	55	+ 1	N	0	8c	*	66	50	–	*	–
	Wisby	30.26	54	N	0	8	30.30	+.13	58	54	+ 2	N	0	8	*	61	52	–	*	–
	Karlstad	30.25	56	N	0	8	30.27	+.11	51	50	- 4	SW	2	of	*	*	*	–	*	–
	Færder (X'iania Fjord)	30.21	58	WSW	2	8	30.22		58	56	- 1	SE	2	m	2	61	55	–	*	–
	Bodö	29.94	48	SW	6	r	30.16	+.47	51	48	+ 2	SSW	4	c	3	51	45	–	*	0.59
	Christiansund ...	30.16	53	ESE	2	c	30.09	+.18	51	49	- 2	E	4	c	3	57	48	–	*	–
	Skudesnaes ...	30.17	56	E	2	m	30.00	-.12	58	55	+ 3	SE	6	c	4	61	54	8, m	*	*
British Islands.	Sumburgh Head	29.92	53	SSE	4	8c	29.59	-.37	54	53	+ 2	SE	5	o	6	56	39	8c	*	–
	Stornoway ...	29.73	57	SSE	4	o	29.29	-.56	57	56	+ 4	S	5	r	5	60	51	p, r, o	0.3	0.27
	Malin Head ...	29.56	58	SSE	7	o	29.43	-.38	54	52	- 1	NW	6	op	5	61	50	o	*	0.28
	Blacksod Pt. ...	29.42	58	SE	7	rq	29.58	-.12	57	52	0	WSW	5	8	4	61	53	o, rq	*	0.42
	Valencia	29.42	59	SSE	7	pq	29.72	+.02	56	52	- 3	SW	3	8c	4	61	54	ogpq, r	0.0	0.52
	Roche's Point ...	29.55	59	SSE	7	or	29.73	-.10	54	50	- 4	W	8	8	5	60	52	or, l, f	*	0.37
	Parsonstown ...	29.57	59	SW	1	r	29.66	-.18	54	50	- 3	SW	1	8	*	64	52	r	1.2	0.80
	Donaghadee ...	29.75	58	SSE	3	o	29.46	-.49	60	59	+ 3	SSW	4	o	4	61	56	–	*	0.27
	Liverpool Obsy.	29.83	61	SE	3	r	29.62	-.42	61	59	+ 4	SSE	3	o	3	64	55	p	*	0.01
	Holyhead ...	29.76	61	SE	4	cmp	29.59	-.39	59	58	+ 1	W	5	crf	4	67	56	cmp	*	0.32
	Pembroke (St. Ann's)	29.74	61	SSE	5	c	29.68	-.27	58	56	- 1	W	6	ogp	6	63	56	cq	2.2	0.05
	Scilly (St. Mary's)...	29.71	62	SSE	5	o	29.80	-.20	59	58	0	WNW	5	c	4	65	56	c, o	3.5	0.06
	Jersey (St. Aubins)...	29.88	67	ENE	1	op	29.88	-.18	64	62	+ 1	SSW	4	orm	3	72	62	gm, ogp	1.5	0.04
	Portland Bill ...	29.86	61	ESE	4	p	29.80	-.25	61	60	0	SSW	5	r	3	65	59	o, p	*	0.50
	Dungeness ...	29.94	64	E	4	ow	29.87	-.25	64	63	- 1	SW	4	o	2	68	62	ow, z-l	7.0	0.10
	Wick	29.61	57	S	3	o	29.47	-.46	55	54	+ 2	S	3	rfu	2	62	45	–	*	0.10
	Nairn	29.80	60	SE	1	c	29.42	-.49	62	58	+ 8	SE	1	c	1	64	52	–	*	0.01
	Aberdeen ...	29.91	55	SSE	2	c	29.54	-.46	55	54	+ 2	SSE	4	ompd	3	60	53	8c, cm	3.2	0.08
	Leith	29.85	62	SE	1	c	29.49	-.49	64	60	+ 8	S	3	o	*	68	55	–	*	–
	North Shields ...	29.91	57	SSE	3	o	29.63	-.43	60	59	+ 6	S	3	r	2	65	52	o, r	*	0.04
	Spurn Head ...	29.95	59	ESE	4	c	29.71	-.40	62	60	+ 5	SSE	4	c	3	65	56	–	*	–
	Yarmouth ...	29.99	64	ESE	5	c	29.80	-.33	66	63	+ 5	S	5	o	4	66	57	8c, zr	*	0.29
	Nottingham ...	29.93	64	ESE	1	r	29.71	-.39	61	60	+ 10	SSW	2	r	*	68	50	–	3.3	0.04
	Oxford	29.89	63	S	3	o	29.78	-.33	61	60	+ 6	S	3	r	*	70	54	o, z	*	0.12
	London (Brixton)...	29.94	65	ESE	2	o	29.82	-.28	63	62	+ 4	SSW	2	opd	*	75	59	8c, ogzr	4.5	1.19
Germany, &c.	The Scaw (Skagen)	30.24	58	S	1	m	30.14	-.04	59	57	+ 3	SE	3	c	1	64	55	–	*	–
	Fanö	30.17	57	ESE	2	8	30.01	-.24	60	58	+ 3	ESE	3	c	*	66	55	–	*	–
	Cuxhaven ...	30.16	65	E	3	c	30.01	-.22	61	59	+ 3	SE	4	c	*	66	58	–	*	–
	The Helder ...	30.03	66	ENE	1	8c	29.86	-.31	69	66	+ 6	SE	1	8	0	69	61	–	*	0.08
	Brussels	*	*	*	*	*	29.93	-.24	72	68	+ 8	SSE	1	8c	*	77	63	–	*	–
	Berlin	30.17	70	E	1	8	30.12	-.08	64	61	- 1	E	2	8	*	77	59	–	*	–
	Frankfürt ...	30.02	70	N	1	8	30.02	-.11	68	64	+ 1	SE	1	c	*	82	63	–	*	–
	Munich	30.17	66	N	0	8	30.19	-.03	64	62	+ 1	N	0	8	*	79	57	–	*	–
France.	C. Gris Nez ...	29.92	66	E	2	m	29.92	-.21	64	61	+ 6	S	2	o	1	84	58	–	*	1.30
	Brest	29.85	63	S	4	o	29.86	-.13	61	61	+ 3	SW	4	r	5	64	57	–	*	0.24
	Lorient	29.69	67	S	3	o	29.91	-.12	62	61	+ 3	SW	5	o	5	72	55	–	*	0.08
	Rochefort ...	29.92	73	SW	2	o	29.97	-.02	67	64	+ 3	NNW	2	o	*	90	64	o	*	–
	Biarritz	29.97	70	WSW	4	o	29.99	-.03	66	66	- 2	E	?	3	1	86	63	–	*	–
	Paris	29.97	75	ESE	1	c	29.96	-.17	65	64	+ 5	S	2	o	*	82	60	–	*	0.12
	Belfort	29.99	73	ENE	4	m	30.05	-.05	68	61	+ 5	N	0	m	*	83	60	–	*	–
	Lyons	29.99	80	SSW	1	8	30.08	-.04	69	57	+ 5	S	2	8	*	88	63	–	*	–
	Nice	30.04	77	W	1	8	30.12	+.05	75	63	- 3	N	0	8	1	91	70	–	*	–
	Perpignan ...	29.95	79	S	2	8	30.06	.00	66	63	0	SW	1	8	*	91	60	–	*	–
Span. Pen.	Corunna																		*	
	Lisbon	30.09	66	W	3	8	30.12	+.03	66	64	+ 2	SSW	2	c	*	75	64	–	*	–
	Azores (P. Delgada)	30.02	67	NNE	3	8	30.07	+.17	68	64	- 4	NNE	3	c	2	75	64	–	*	–
	„ (Horta) ...	30.06	67	NNE	4	8c	30.09	+.20	64	59	- 6	N	2	o	2	73	63	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

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

WEATHER CHARTS

FOR SATURDAY 5TH SEPTEMBER, 1903.

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

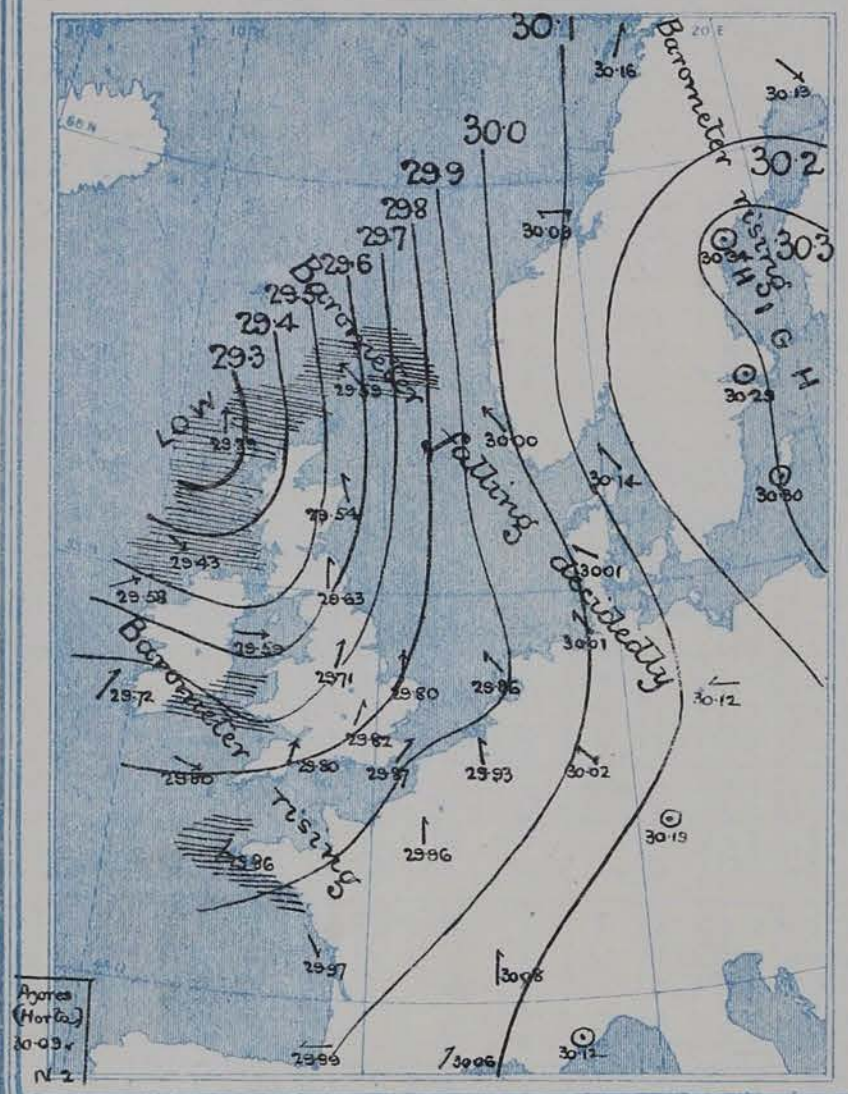
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟫⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟫⟶ *Force 1 to 4* ⟶ }

SEA.—Rough ▒ *High* ▓

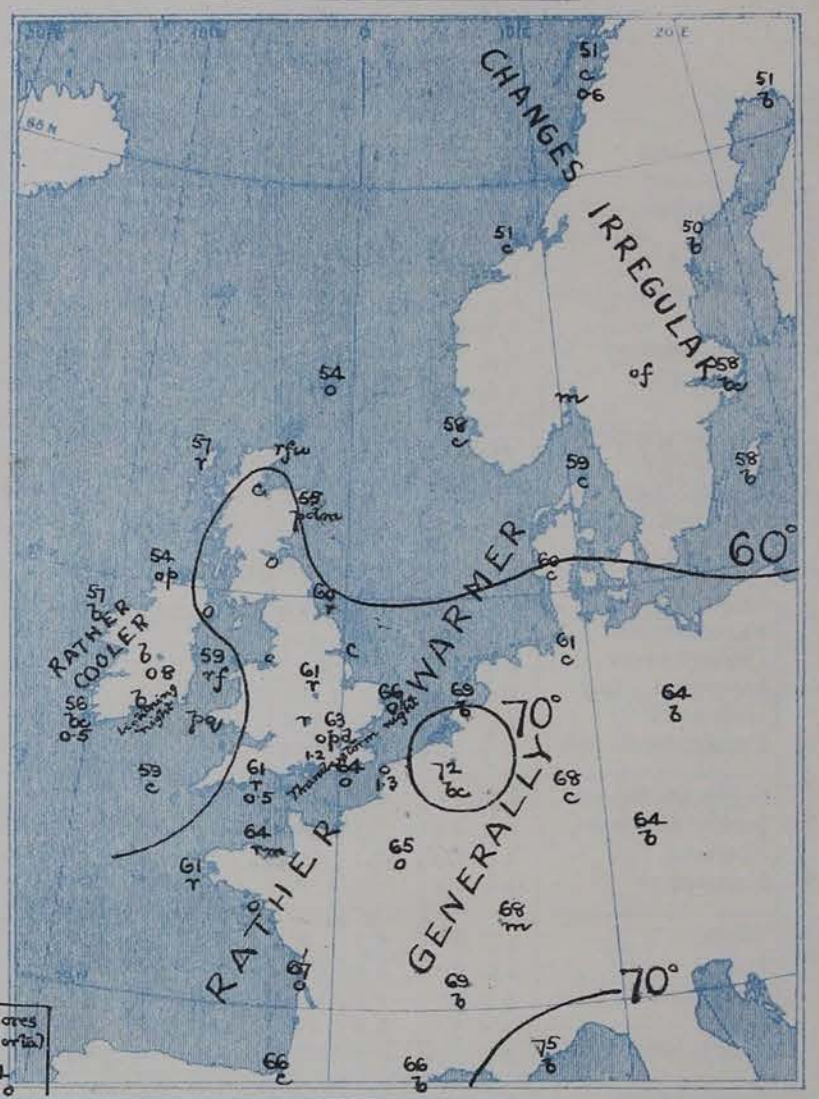


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

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

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



III. BAROMETER AND WIND

Yesterday morning.

IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

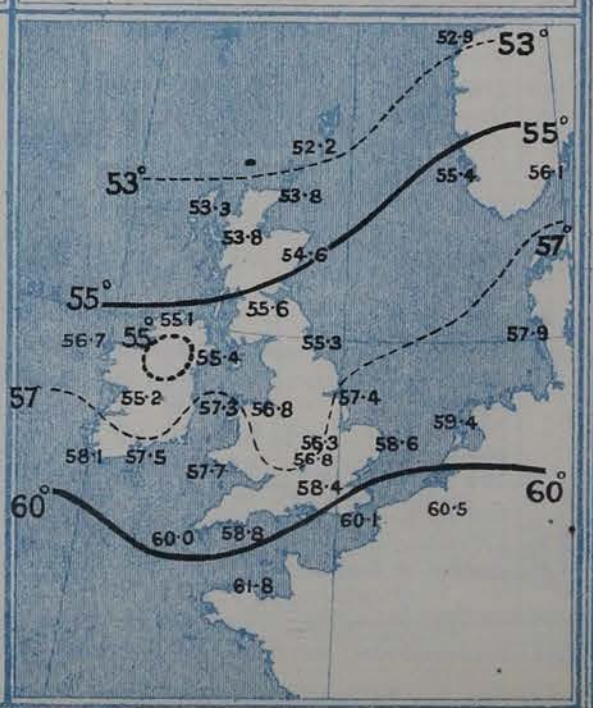
During the 32 Years 1871-1902.

Specimen (for London) { *Greatest Rainfall* 5·31 (IN 1896) / *Least ... Do ...* 0·31 (IN 1898)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the Two-monthly period

AUGUST-SEPTEMBER (1871-1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer has risen rapidly over North Britain, Denmark and Southern Scandinavia and pressure has become highest, about 30·25 ins., on the Baltic region and East Central Europe. Over our southwestern and southern districts and the western portion of the Continent a gradual decline is now in progress, the mercury being lowest on the west coast of Ireland, where it is at 29·7 ins., a disturbance being indicated at some distance outside our southwestern coasts. The depression of previous days is now disappearing into the Arctic regions along the Norwegian coast.

WIND

TEMPERATURE

WEATHER

AND

SEA

Fresh or strong S.W. or S.E. winds are being experienced in Ireland and round the Bristol channel, but over the remainder of the Kingdom very light variable breezes prevail, the directions being from southwest, southeast and east. A light southeast to east current is also reported at the French stations, while over Scandinavia the direction is S.W. to W., and up the Norwegian coast the force is from a strong breeze to a fresh gale. Generally throughout Britain the weather is fair or fine, with morning mist locally, but in Ireland the sky is mostly dull and overcast, and rain is falling in the northwest. At Pembroke also the weather is gloomy and showery. Except for rain in the west of Norway fine weather is in the ascendant at the Continental stations. Temperature has risen over Ireland, Scotland and at the head of the Gulf of Bothnia, fallen in most other localities. The readings range from 52° at Lerwick Head to 65° at Dungeness, and on the Continent from 49° at Bodö to 68° at Biarritz and 78° at Nice. The sea is rather rough off Stornoway and Pembroke.

During yesterday temperature rose to 72° at Lowestoft, 71° in London and 70° at Yarmouth, but only to 54° at Lerwick Head. Bright sunshine varied considerably, from 4·1 hours at Stornoway to 12·4 hours at Hastings. Lightning was seen in London last night. A lunar halo was seen in several places last evening.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is undergoing some modification, and the type is becoming favourable to the advance of Atlantic disturbances towards the Spanish peninsula and Bay of Biscay, producing an easterly current over our islands. A depression has passed the Azores travelling on an easterly course

FORECASTS*

For the 24 hours ending at NOON on 5TH SEPTR, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.W. to S.E. breezes, light or moderate; generally fair or fine, local showers.
1 SCOTLAND EAST	
2 ENGLAND N.E.	
3 ENGLAND EAST	S.E. to E. breezes, light; fine generally, becoming close and thundery.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as Nos. 0 to 2.
7 ENGLAND N.W.	
8 ENGLAND S.W.	S.E. to E. breezes, light to fresh; fine generally, becoming close and thundery.
9 IRELAND NORTH	S. to E. winds, strong to light; variable weather, fair to showery.
10 IRELAND SOUTH	
WARNINGS	None Issued.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	8	*	67	54	8w	10·7	-
Bath	30·10	60	NW	1	8	30·07	+·02	57	57	- 2	E	1	8	*	66	48	-	6·3	0·13

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	65	53	8, c, o	6·9	-	Broadstairs...	*	*	*	12·0	*
Rhyl, to 6 p.m.	*	*	*	8·0	*	Margate	69	52	8, c	11·3	0·08
Llandudno	*	*	*	8·0	*	Lowestoft, to 6 p.m. ...	72	51	c, v, c	11·7	-
Aberystwyth, to 6 p.m. ...	62	58	8c	8·0	-	Skegness	*	*	*		*
Plymouth, to 9 p.m.... ...	64	54	8c	7·5	0·4	Scarborough, to 6 p.m. ...	67	*	*	7·1	*
Worthing	*	*	*	9·9	*	Harrogate, to 6 p.m. ...	63	50	o, 8c	5·4	0·35
Brighton	66	*	*	10·3	*	Manchester, to 9 p.m. ...	66	50	8cp, 8c	6·7	0·01
Eastbourne, to 6 p.m. ...	65	*	*	12·0	*	Darwen, to 9 p.m.	61	47	8c, op, cmw	4·5	0·07
Hastings	*	*	*	12·4	*	Birmingham, to 9 p.m. ...	64	47	c, 8, c, r, 8	8·3	0·12

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

STATIONS. 3rd Sept^{r} 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. — Ins.	STATIONS.	Temperature, F. Dry.	Temperature, F. Wet.	Weather.	Rain. — Ins.
					2nd Sept^{r} 1903	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles	90	61	8c, m	-	Geneva	79	*	8	-
Utrecht...	86	61	8c, o	-	Berne	81	*	8	-
Copenhagen	66	57	8, 8	-	Lucerne	77	*	8	-
Prague	82	57	8, f	-	Coire	82	*	8	-
Vienna	79	57	8, 8	-	Castasegna	75	*	8	-
Buda-Pesth	75	57	8, 8	-	Lugano	84	*	8	-
St. Petersburg	63	48	8, o	-					
Rome	90	64	8, 8	-					
Malta	79	71	?, c	-					
Madeira (Funchal) Not rec^{d}									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

4th Sept^{r}., 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.9	11.52	6.35
Greenwich	5.18	11.59	6.40
Wick	5.19	12.11	7.3
Valencia	5.58	12.40	7.22

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1. ‡ At Oxford the obeervations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 6th September 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
Scandinavia.	Haparanda ...	30·22	50	SW	2	bc	30·10	-·03	52	50	+1	WSW	4	c	*	59	43	-	*	-
	Hernösand ...	30·18	49	Z	0	b	29·99	-·35	55	54	+5	S	6	o	*	59	41	-	*	0·04
	Stockholm ...	30·20	55	SE	2	b	30·05	-·24	61	59	+3	SSE	1	o	*	66	48	-	*	-
	Wisby	30·18	57	W	4	b	30·10	-·20	63	60	+5	SE	2	b	*	66	55	-	*	-
	Karlstad	30·07	58	ENE	2	o	29·99	-·28	58	57	+7	S	2	o	*	*	*	o, †	*	0·32
	Færder (X'tania Fjord)																			
	Bodö	30·09	52	SSE	2	b	29·82	-·34	49	?	-2	SSE	4	†	2	?	?	-	*	0·63
	Christiansund ...	29·71	64	ESE	4	c	29·91	-·18	55	52	+4	WNW	4	c	3	64	51	-	*	0·08
	Skudesnaes ...	29·82	59	S	6	o	29·92	-·08	53	52	-5	Z	0	b	3	64	50	o	*	*
British Islands.	Sumburgh Head	29·55	53	WSW	4	bc	29·75	+·16	52	50	-2	WSW	3	b	6	55	49	o, bc	*	0·05
	Stornoway ...	29·55	56	WSW	3	o	29·71	+·42	52	49	-5	SW	3	bc	2	59	48	o	4·7	0·17
	Malin Head ...	29·70	57	WNW	5	bcp	29·88	+·45	53	51	-1	SW	5	b	4	61	50	bc, bcp	*	0·01
	Blacksod Pt. ...	29·76	56	WSW	5	bc	29·95	+·37	57	52	0	WSW	5	bc	4	58	53	bc	*	0·04
	Valencia	29·89	56	SSE	4	cp	30·06	+·34	52	51	-4	Z	0	bc	3	61	46	bc, c	9·6	0·02
	Roche's Point ...	29·94	58	WSW	3	c	30·08	+·35	53	52	-1	NW	2	bc	3	61	48	c	*	-
	Parsonstown ...	29·87	57	NW	1	b	30·03	+·37	51	49	-3	NW	1	b	*	63	46	b	9·3	-
	Donaghadee ...	29·79	63	SSW	2	bc	29·99	+·53	53	51	-7	SSW	1	b	2	64	48	-	*	0·02
	Liverpool Obsy.	29·91	59	WNW	2	b	30·06	+·44	58	53	-3	SSW	1	b	1	64	50	c, b	*	0·09
	Holyhead	29·89	57	SW	4	bm	30·03	+·44	58	55	-1	WSW	2	b	1	62	52	b, bm	*	-
	Pembroke (St. Ann's)	29·96	58	WSW	5	bc	30·08	+·40	59	55	+1	SW	2	bw	4	60	56	-	8·5	-
	Scilly (St. Mary's)...	30·02	63	WSW	3	c	30·08	+·28	57	55	-2	W	1	c	4	65	54	bc, c	9·7	0·21
	Jersey (St. Aubins)...	30·04	62	WNW	4	c	30·12	+·24	55	54	-9	NNW	3	†	3	65	49	ogp, c, o	0·3	0·17
	Portland Bill ...	30·00	60	W	4	b	30·12	+·32	55	52	-6	Z	0	cw	1	64	50	bc, b	*	-
	Dungeness ...	29·98	62	W	5	c	30·09	+·22	57	55	-7	W	1	cw	2	68	50	bc, c	0·9	-
	Wick	29·66	55	S	3	c	29·79	+·32	52	49	-3	S	3	c	2	64	50	-	*	0·05
	Nairn	29·66	55	W	1	b	29·82	+·40	55	50	-7	SW	1	bc	1	65	46	-	*	0·05
	Aberdeen ...	29·71	59	WSW	3	b	29·91	+·37	54	50	-4	S	4	bc	2	65	46	c, p, b	4·6	0·01
	Leith	29·76	60	WSW	3	b	29·95	+·46	59	53	-5	WSW	2	b	*	65	51	-	*	-
	North Shields ...	29·80	61	WSW	3	bc	30·01	+·38	54	52	-6	SW	2	bm	2	69	49	p, c, bc	*	0·01
	Spurn Head ...	29·88	63	WNW	4	bc	30·07	+·36	54	51	-8	W	2	c	1	67	51	-	*	0·07
	Yarmouth ...	29·99	69	SW	4	bc	30·07	+·27	60	56	-6	NW	1	bc	1	71	54	bc	*	-
	Nottingham ...	29·89	63	W	1	b	30·09	+·38	46	46	-15	W	1	b	*	68	43	-	5·9	0·03
	Oxford	30·01	55	WSW	3	b	30·13	+·35	48	47	-13	WSW	1	ow	*	68	45	†, c, bc, b	*	-
	London (Brixton)...	29·97	62	SSW	2	b	30·11	+·29	53	51	-10	Z	0	o	*	70	47	†, bc	2·1	0·03
Germany, &c.	The Scaw (Skagen)	29·93	60	S	4	†	30·00	-·14	59	58	0	W	2	f	0	61	55	br, †	*	0·55
	Fanö	29·99	62	W	2	o	30·05	+·04	62	61	+2	W	2	f	*	75	60	-	*	-
	Cuxhaven ...	29·99	71	W	1	o	30·08	+·07	63	62	+2	SW	1	o	*	79	61	b, o	*	-
	The Helder ...	29·95	65	SW	3	o	30·04	+·18	62	61	-7	WSW	1	c	0	77	61	-	*	-
	Brussels	*	*	*	*	*	30·11	+·18	65	64	-7	W	1	o	*	80	61	-	*	0·16
	Berlin	30·05	73	Z	0	b	30·08	-·04	69	65	+5	NNE	2	b	*	81	63	-	*	-
	Frankfürt ...	30·01	69	S	1	b	30·07	+·05	65	61	-3	E	1	o	*	90	61	-	*	-
	Munich	30·19	66	SE	1	b	30·21	+·02	61	60	-3	SE	2	b	*	81	54	-	*	-
France.	C. Gris Nez ...	29·98	62	SW	4	o	30·06	+·14	60	58	-4	Z	0	m	0	70	57	-	*	-
	Brest	30·08	62	NW	2	b	30·10	+·24	55	53	-6	NE	2	o	3	64	54	-	*	-
	Lorient	30·05	65	WNW	3	bc	30·08	+·17	57	57	-5	NE	5	o	5	70	55	-	*	0·28
	Rochefort ...	30·04	68	W	1	†	30·00	+·03	64	62	-3	ENE	3	o	*	77	61	-	*	-
	Biarritz	30·09	72	Z	0	c	29·99	·00	67	66	+1	Z	0	c	1	77	64	-	*	-
	Paris	30·04	70	WNW	2	o	30·11	+·15	62	61	-3	SE	1	b	*	78	58	-	*	-
	Belfort	30·01	75	W	3	m	30·07	+·02	64	57	-4	Z	0	m	*	87	59	-	*	-
	Lyons	30·05	77	SSE	2	bc	30·11	+·03	63	54	-6	SE	1	b	*	86	59	-	*	-
	Nice																		*	
	Perpignan ...	30·02	73	E	1	b	29·86	-·20	70	68	+4	NE	1	o	*	85	66	-	*	-
Span. Pen.	Corunna	30·05	64	S	1	o	30·14		63	61		NW	3	†	3	68	59	-	*	0·47
	Lisbon	30·13	67	SW	2	o	30·19	+·07	65	61	-1	NNE	5	o	*	75	66	-	*	-
	Azores (P. Delgada)																		*	
	" (Horta) ...	30·27	67	NE	4	b	30·32	+·23	63	59	-1	N	1	b	2	70	61	-	*	-

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

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

WEATHER CHARTS

FOR SUNDAY 6TH SEPTEMBER 1903.

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

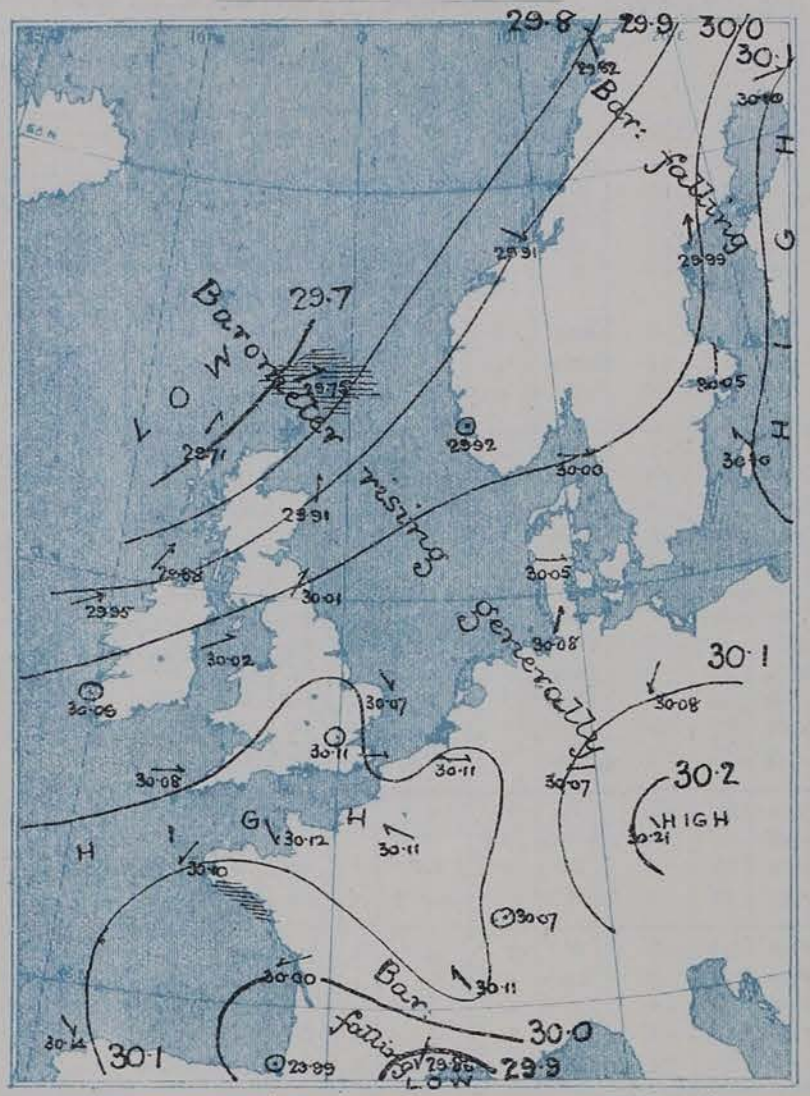
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 → *Force 5 to 7* → } Calm ⊙

Force 8 to 10 → *Force 1 to 4* →

SEA.—Rough ▒ *High* ▓

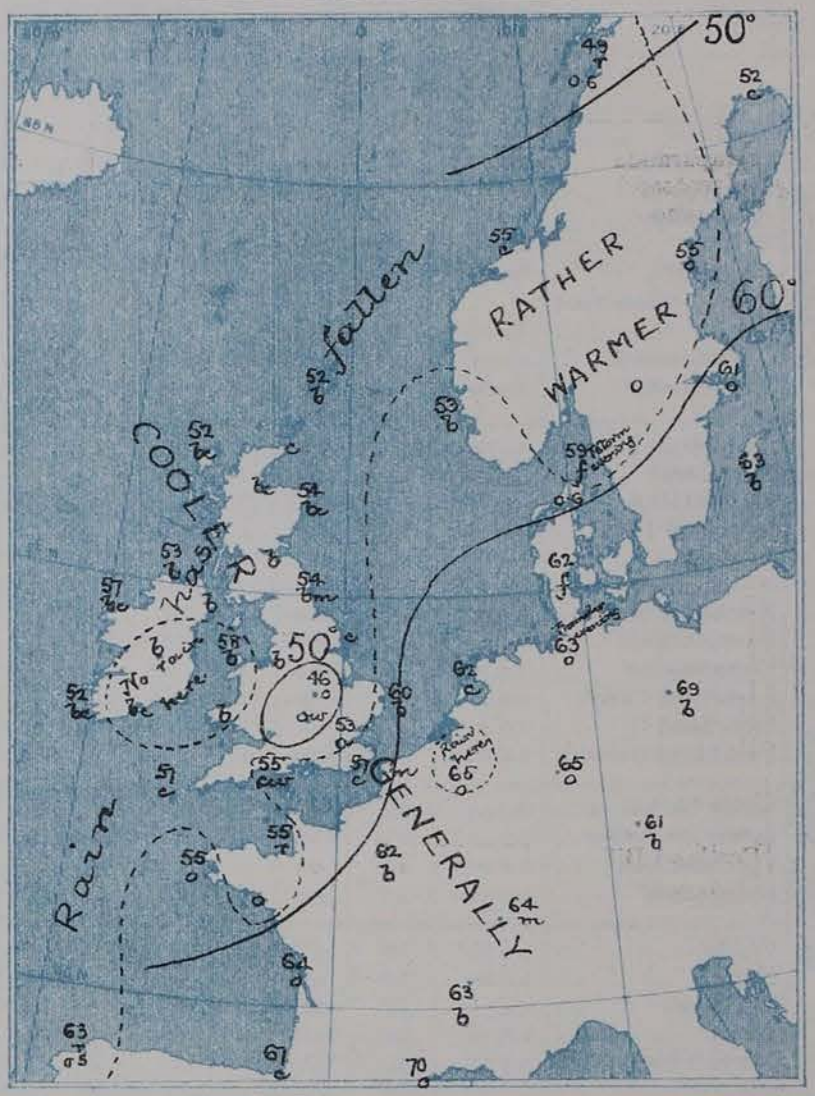


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

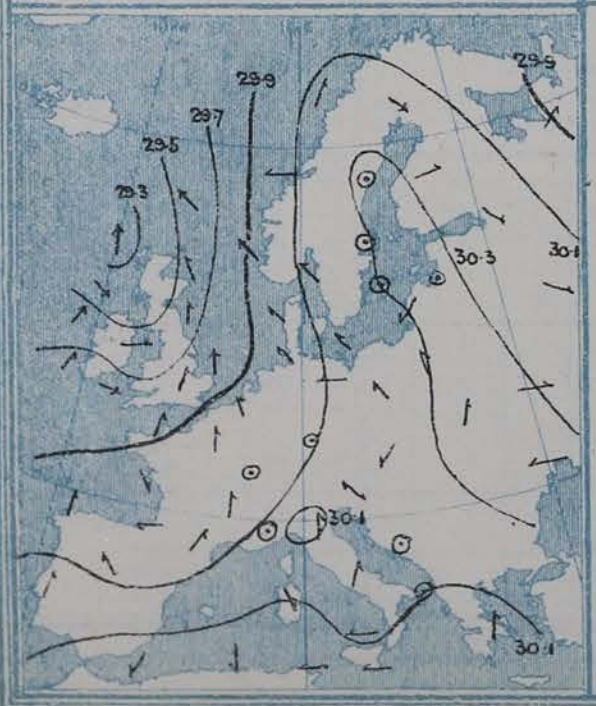
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

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



III BAROMETER AND WIND

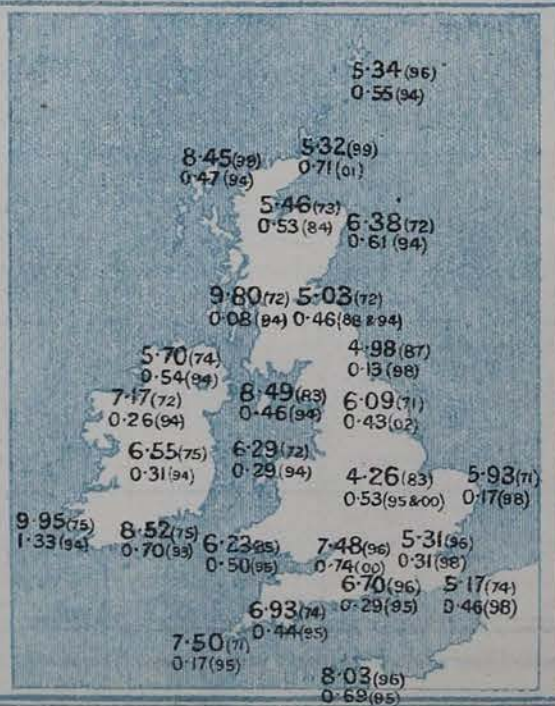
Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

During the 32 Years 1871-1902.

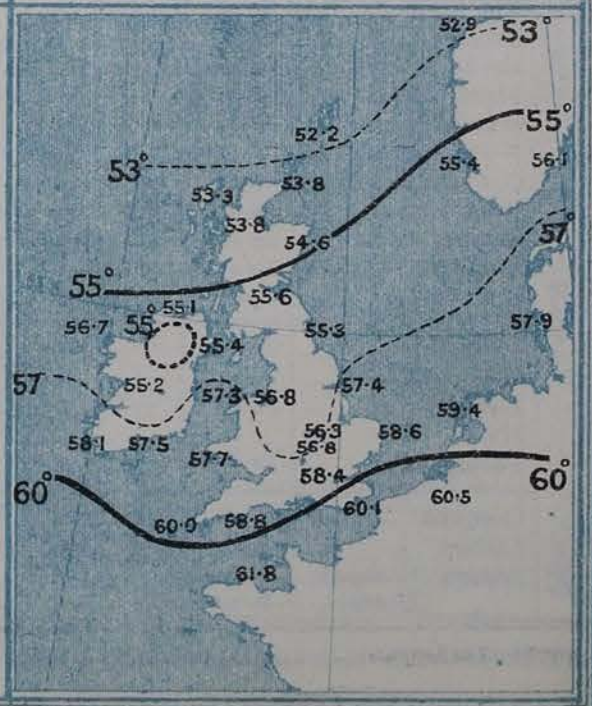
Specimen (for LONDON) { *Greatest Rainfall* 5·31 (IN 1896) / *Least ... Do ...* 0·31 (IN 1898)



V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the Two-monthly period

AUGUST-SEPTEMBER (1871-1900.).



GENERAL SITUATION AT 8 A.M.

PRESSURE

The Continental anticyclone is steadily expanding over Scandinavia, the barometer having risen above 30·3 ins. on the Gulf of Bothnia. The low pressure system which was beyond our southwestern coasts yesterday morning has skirted the western seaboard going northward, and its centre is now off the Hebrides, where the mercury had dropped below 29·3 ins. At the Irish stations and on the southwest coasts of England pressure is recovering, but over our northern and eastern districts it is still giving way decidedly.

WIND

TEMPERATURE

WEATHER

AND

SEA

SE^{by} or S^{by} winds, light to fresh in force, are reported over Scotland and down the east coast of England, but over the rest of the Kingdom the direction is mainly SW^{by} or W^{by}, and the force varies from a light to a strong breeze, after a moderate or fresh gale at some of the west coast stations. On the Continent the winds are from many quarters, at a number of stations calm. Over the southern and western parts of Ireland the weather has cleared up fine and bright, but everywhere else in our islands it is cloudy to overcast, with local gloom, mist, or fog, and rain is falling at the majority of stations. At Parsonstown the rainfall to 8 am. amounted to 0·8 in., and the London thunderstorm of last night yielded 1·2 in. The Continental weather is variable, but mostly rainless. At Cape Gris Nez 1·3 in. of rain has fallen. Temperature has risen in most localities, ranging from 54° at Sumburgh Head to 66° at Yarmouth; and at the foreign stations from 50° at Stornöway and to 75° at Nice. The sea is rough off Pembroke and the Shetlands, rather rough at a few western situations and on the Bay of Biscay.

Yesterday temperature rose to 75° in London, 72° at Jersey, and 71° at Brighton, but at most places it was 65° and under, to 56° at Sumburgh Head. Bright sunshine ranged from none at Valencia to 8·8 hrs. at Skegness.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in the northwest will continue on its northerly course, but small secondary irregularities of a thundery nature are moving eastward across our southern districts, and as the wind on the west coast of Ireland remains SW^{by} and shows signs of backing, the general conditions throughout the country will probably continue unsettled to rainy.

FORECASTS*

For the 24 hours ending at NOON on 6TH SEPT^{R}, 1903.

DISTRICTS.	FORECASTS.
0 ▼ SCOTLAND NORTH	S^{by} to SW^{by} breezes, light to fresh; dull, unsettled to rainy, improving later.
1 SCOTLAND EAST	
2 ENGLAND N.E.	
3 ENGLAND EAST	SW^{by} and S^{by} breezes, light or moderate; variable weather, dull, close, thunder-rains; fair intervals.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 ▼ SCOTLAND WEST	NW^{by} to SW^{by} winds, fresh; unsettled, rainy to fair.
7 ▼ ENGLAND N.W.	W^{by} and SW^{by} breezes, strong to moderate; changeable, rainy, close and thundery; fair intervals.
8 ▼ ENGLAND S.W.	
9 ▼ IRELAND NORTH	W^{by} to S^{by} winds, light to strong; fair at first, becoming less settled, with rain.
10 ▼ IRELAND SOUTH	
WARNINGS	At 3.40 pm. yesterday to Districts 9 and 10, and at 7.0 pm to Districts 6, 7 and parts of 0 and 8. "HOIST SOUTH CONE."

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 P.M.					This Morning 8 A.M.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	c	*	66	62	3,c,?r	8.5	0.30
Bath	29.88	60	SW	3	7	29.75	−.32	63	61	+6	SW	4	8	*	68	?57	-	1.2	0.20

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	66	46	c, cp, c	1.5	0.01	Broadstairs...	*	*	*	7.5	*
Rhyl, to 6 p.m.	*	*	*	3.0	*	Margate	68	54	c	6.0	-
Llandudno	*	*	*	2.0	*	Lowestoft, to 6 p.m. ...	67	52	v, cvo	7.4	-
Aberystwyth, to 6 p.m. ...	66	63	c	1.3	0.05	Skegness	*	*	*	8.8	*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	65	*	*	3.0	*
Worthing	*	*	*	5.8	*	Harrogate, to 6 p.m. ...	64	41	3cw, co	3.1	-
Brighton	71	*	*	6.9	*	Manchester, to 9 p.m. ...	68	43	3c, u, g	2.7	-
Eastbourne, to 6 p.m. ...	66	*	*	6.0	*	Darwen, to 9 p.m.	64	45	3c, op, om	2.5	0.01
Hastings	*	*	*	6.8	*	Birmingham, to 9 p.m. ...	67	51	c, p, r	1.5	0.03

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

STATIONS. 4th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Dry.	Temperature, F. Wet.	Weather.	Rain. Ins.
					3rd Sept. 1903	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles	84	59	3, 3	—	Geneva	73	*	3	—
Utrecht...	70	48	3c, o	—	Berne	79	*	3c	—
Copenhagen	73	55	3c, o	—	Lucerne	81	*	3	—
Prague	81	57	3, f	—	Coire	79	*	3	—
Vienna	75	54	3, 3	—	Castasegna	77	*	3	—
Buda-Pesth	75	57	3, 3	—	Lugano	84	*	3	—
St. Petersburg	64	62	o, 3c	—					
Rome	92	66	3, 3	—					
Malta	79	69	?, f	—					
Madeira (Funchal)	77	68	3, c	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

5th Sept. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.11	11.52	6.32
Greenwich	5.20	11.59	6.37
Wick	5.21	12.11	7.0
Valencia	6.0	12.40	7.19

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Monday, 7th. September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda ...	29.95	52	N	0	0	29.84	-.26	51	49	- 1	N	2	0	*	54	48	–	*	0.35
	Hernösand ...	30.00	55	N	0	0	29.89	-.10	55	55	0	N	0	fb	*	59	45	–	*	0.06
	Stockholm ...	30.04	61	N	0	b	30.04	-.01	59	58	- 2	WSW	2	b	*	64	54	–	*	0.04
	Wisby	30.10	61	N	0	bc	30.07	-.03	55	50	- 8	N	0	b	*	70	55	–	*	–
	Karlstad	30.04	60	WSW	2	c	30.02	+.03	55	53	- 3	SW	2	0	*	*	*	–	*	–
	Færder (X'tiania Fjord)	30.01	57	SSW	4	0	30.04		56	50		W	4	0	2	61	55	–	*	–
	Bodö	29.98	48	SW	4	b	29.90	+.08	51	51	+ 2	E	4	b	2	54	45	–	*	0.04
	Christiansund ...	29.95	55	S	1	bc	29.92	+.01	54	51	- 1	SE	2	c	2	61	?50	bc,b	*	–
	Skudesnaes ...	30.07	55	SW	4	0	30.05	+.13	55	50	+ 2	SW	4	c	3	59	53	c,0	*	*
BRITISH ISLANDS.	Sumburgh Head	29.82	53	WSW	3	bc	29.82	+.07	51	49	- 1	SW	3	b	5	57	48	bc	*	0.01
	Stornoway ...	29.82	56	WSW	4	0	29.71	.00	52	49	0	SW	4	0	4	58	47	c,0	9.0	0.16
	Malin Head ...	30.01	54	NW	4	bc	29.79	-.09	52	50	- 1	SW	7	ogp	5	58	50	bc	*	0.03
	Blacksod Pt. ...	30.06	56	W	4	b	29.88	-.07	56	55	- 1	SW	8	rgm	6	59	56	b	*	0.07
	Valencia	30.18	57	SW	4	bc	30.12	+.06	57	53	+ 5	S	5	og	5	60	50	bc	10.3	–
	Roche's Point ...	30.15	60	W	2	b	30.20	+.12	57	54	+ 4	SW	2	0	2	63	48	bc,b	*	0.01
	Parsonstown ...	30.11	59	SW	1	b	30.09	+.06	52	49	+ 1	SW	1	ox	*	62	45	b	10.2	–
	Donaghadee ...	30.06	59	W	2	bc	30.06	+.07	52	50	- 1	SW	3	0	2	64	46	–	*	0.02
	Liverpool Obsy.	30.11	58	WNW	1	b	30.17	+.11	55	51	- 3	SW	1	b	1	61	49	–	*	0.01
	Holyhead	30.10	58	SW	2	b	30.16	+.13	56	54	- 2	SW	4	bc	3	63	51	b	*	–
	Pembroke (St. Ann's)	30.14	58	WSW	4	bc	30.23	+.15	57	52	- 2	WSW	4	bc	4	60	55	–	10.3	–
	Scilly (St. Mary's)...	30.18	62	NW	3	c	30.29	+.21	58	55	+ 1	W	2	bc	3	64	54	c	11.6	–
	Jersey (St. Aubins)...	30.16	58	N	3	c	30.30	+.18	58	55	+ 3	WNW	3	bc	3	60	54	og,p,w	1.0	0.04
	Portland Bill ...	30.15	59	WSW	2	c	30.37	+.25	57	54	+ 2	NNW	2	b	2	64	54	c	*	–
	Dungeness ...	30.13	56	N	1	r	30.23	+.14	54	53	- 3	NNW	2	c	1	61	48	r	0.5	0.15
	Wick	29.89	55	S	2	c	29.84	+.05	51	49	- 1	SW	3	c	2	62	45	–	*	0.02
	Nairn	29.91	52	W	2	bc	29.86	+.04	51	47	- 4	N	0	c	0	64	45	–	*	0.01
	Aberdeen ...	29.95	57	SW	3	b	29.96	+.05	49	47	- 5	SSW	3	om	2	63	42	b,p,b	9.6	0.02
	Leith	29.99	59	W	3	b	29.98	+.08	53	49	- 6	SW	3	0	*	66	49	–	*	–
	North Shields ...	30.04	61	WSW	2	b	30.09	+.08	56	51	0	SW	3	c	2	65	46	–	*	–
GERMANY, &c.	Spurn Head ...	30.11	60	SW	2	c	30.17	+.10	55	52	+ 1	WSW	2	b	2	64	50	–	*	–
	Yarmouth ...	30.09	61	N	0	c	30.17	+.10	55	52	- 5	NW	3	bc	2	62	49	c	*	0.06
	Nottingham ...	30.09	61	SW	1	c	30.20	+.11	47	46	+ 1	W	1	b	*	64	62	–	5.0	–
	Oxford	30.18	57	WSW	1	bc	30.27	+.14	52	50	+ 4	WSW	1	bw	*	62	45	bc	*	–
	London (Brixton)...	30.11	58	WSW	1	og	30.24	+.13	52	51	- 1	SW	1	b	*	61	46	og,p,b,f	0.0	0.03
	The Scaw (Skagen)	30.10	54	W	1	b	30.09	+.09	56	55	- 3	W	1	r	0	64	52	–	*	–
	Fanö	30.13	58	K	0	c	30.12	+.04	53	51	- 9	NE	2	r	*	66	53	–	*	0.16
	Cuxhaven ...	30.10	65	N	1	0	30.04	-.04	59	57	- 4	N	4	r	*	68	57	0,r	*	0.63
	The Helder ...	30.09	61	NNE	2	0	30.13	+.09	60	56	- 2	NNW	1	b	0	68	55	–	*	0.28
	Brussels	*	*	*	*	*	30.20	+.09	57	55	- 8	NNW	2	0	*	74	54	–	*	0.71
	Berlin	30.05	77	K	0	b	30.00	-.08	69	63	0	SE	1	b	*	84	63	–	*	–
	Frankfürt ...	29.96	74	N	1	b	29.99	-.08	65	63	0	N	1	b	*	84	63	–	*	–
	Munich	30.12	64	NE	2	b	30.12	-.09	65	61	+ 4	SW	4	b	*	81	55	–	*	–
FRANCE.	C. Gris Nez ...	30.10	57	NE	2	r	30.17	+.11	57	55	- 3	WSW	3	m	2	66	54	–	*	0.24
	Brest	30.20	60	NNW	2	b	30.34	+.24	53	52	- 2	N	1	b	2	64	52	–	*	–
	Lorient	30.16	63	N	4	bc	30.32	+.24	54	54	- 3	N	3	m	?	70	52	–	*	0.24
	Rochefort ...	30.04	66	NW	3	0	30.22	+.22	58	56	- 6	NNE	5	0	*	70	55	r,0	*	0.08
	Biarritz	30.12	69	W	4	0	30.27	+.27	63	61	- 1	NNW	4	r	4	75	61		*	1.69
	Paris	30.02	64	N	4	r	30.21	+.10	56	54	- 6	NNW	3	r	*	76	56	–	*	1.22
	Belfort	29.94	76	W	2	m	30.06	-.04	61	59	- 3	W	5	m	*	86	58	–	*	–
	Lyons	29.98	75	S	1	b	30.10	-.01	67	61	+ 4	N	1	b	*	87	62	–	*	0.04
	Nice	30.04	72	K	0	b	30.03		74	62		N	0	b	1	84	66	–	*	–
	Perpignan ...	29.97	74	NE	3	c	30.06	+.20	71	64	+ 1	W	3	c	*	85	66	–	*	–
SPAN. PEN.	Corunna														*					
	Lisbon	30.26	62	NNW	5	b	30.25	+.06	65	58	0	N	6	b	*	70	61	–	*	–
	Azores (P. Delgada)	30.44	69	ESE	4	bc	30.47	+.15	66	62	+ 3	NE	3	b	2	72	63	–	*	–
	„ (Horta) ...	30.48	71	SE	4	0	30.42	+.25	71	67	+ 10	SE	4	c	3	77	61	–	*	0.04

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR MONDAY, 7th SEPTEMBER, 1903.

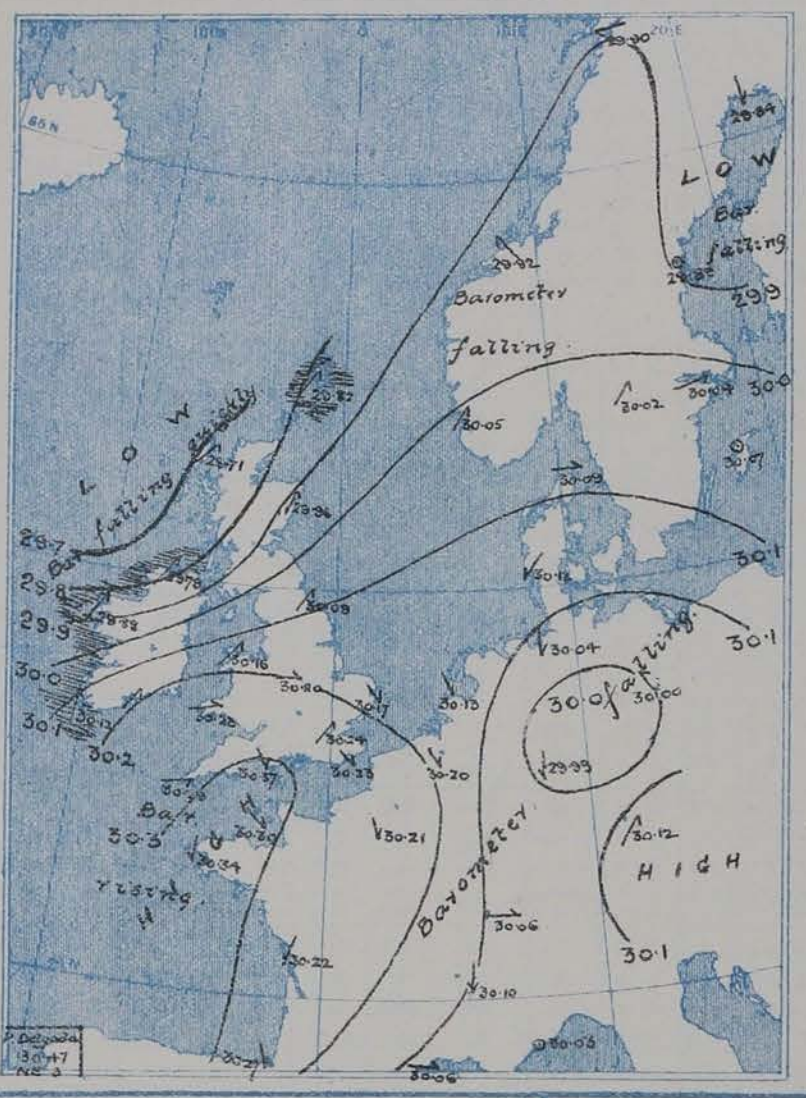
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

Force above 10 ⟶⟶ : *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ : *Force 1 to 4* ⟶ ; Calm ⊙

SEA.—Rough ▭ *High* ▭

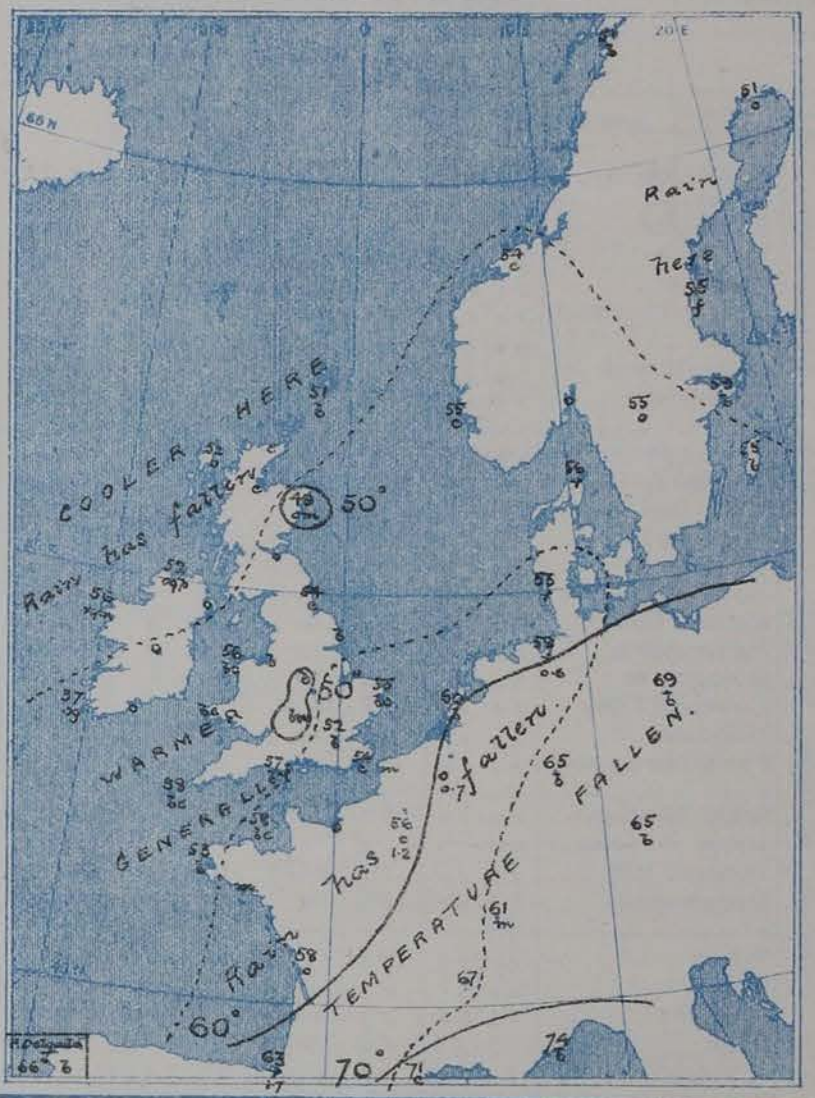


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

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

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



III BAROMETER AND WIND

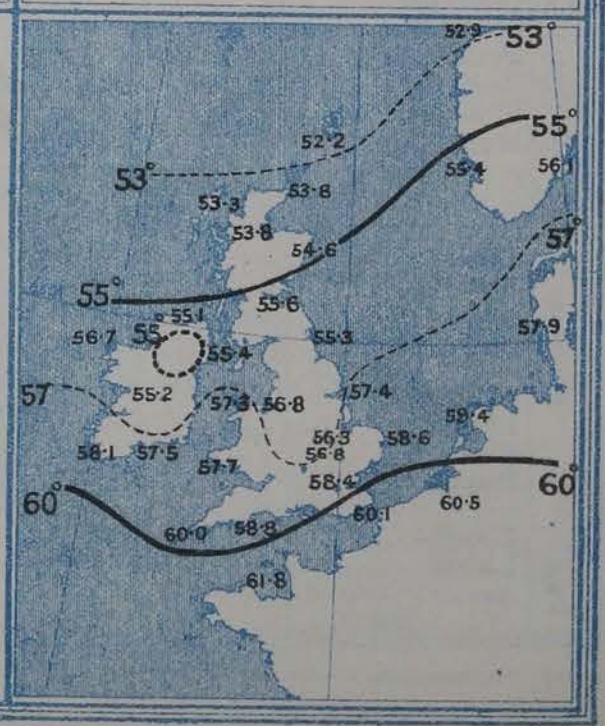
Yesterday morning.

IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

During the 32 Years 1871-1902.

Specimen (for LONDON) { *Greatest Rainfall* 5·31 (IN 1896) ; *Least ... Do ...* 0·31 (IN 1898)

V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two-monthly period* AUGUST-SEPTEMBER (1871-1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer has risen briskly over our islands during the past 24 hours, and a shallow but very irregular anticyclonic area in which readings are slightly over 30·10 ins. has formed over the south of England and the north of France. In the north of Britain the "Southwesterly" type is maintained, the isobars having a SW – NE direction; the lowest barometer reading reported is 29·71 ins at Stornoway. A low pressure area is situated over the South of France. Perpignan 29·86 ins. The highest readings are to be found in the east of our area, Munich 30·21 ins., Haparanda 30·10 ins.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind circulation is in accordance with the pressure distribution described above. In the south of England light and variable breezes prevail; further north a moderate SW^{ly} air current is met with. Over France and Germany the wind is Easterly, and over Sweden Southerly. The weather is fair over our islands generally, though it is dull or cloudy in the anticyclonic region over the south of England and the North of France; at Jersey rain is falling. Further to the east a clear sky again prevails; over Scandinavia dull weather prevails. A clear sky overnight has been favourable to radiation, and the temperature readings this morning are consequently lower than those of yesterday. At Oxford and Nottingham the differences are as great as 13° and 15° respectively. The sea is slight generally, but it is still moderate ons the west coasts of Ireland and France.

During the past 24 hours rain fell at the majority of our stations but the amounts were nowhere large. The largest amounts of sunshine are reported from the west. Scilly 9·7 hours. Thunderstorms occurred at the Skew and at Cuxhaven.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 7th SEPTEMBER, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued.	6 SCOTLAND WEST	None issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 3.15 pm yesterday to Districts 6, 7, 9, 10 and parts of 0 and 8 "LOWER CONE."

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	cw	*	68	50	c	2·5	-
Bath	29·88	63	W	3	b	30·13	+·38	45	45	-18	W	1	b	*	65	41	-	4·3	0·01

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	66°	53°	op, c, b	6·5	0·04	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*		*	Margate	70	63	c, bl+	0·1	0·40
Llandudno	*	*	*	5·4	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	61	56	c	8·0	0·04	Skegness	*	*	*	0·5	*
Plymouth, to 9 p.m.... ...	65	53	or, bc, b	7·9	0·09	Scarborough, to 6 p.m. ...					
Worthing	*	*	*	1·2	*	Harrogate, to 6 p.m. ...	67	55	o, r, c, b	4·7	0·13
Brighton	*	*	*		*	Manchester, to 9 p.m. ...	67	48	r, bc, b	4·8	0·114
Eastbourne, to 6 p.m. ...	*	*	*		*	Darwen, to 9 p.m.	62	49	b, cpt, cw	4·8	0·25
Hastings	*	*	*		*	Birmingham, to 9 p.m. ...	67	51	r, c, b	4·9	0·14

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

STATIONS. 5 Sept^{r} 1908.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. — Ins.	STATIONS.	Temperature, F. Dry.	Temperature, F. Wet.	Weather.	Rain. — Ins.
					4 Sept^{r} 1908	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles	84	61	b, bc	-	Geneva	81	*	bc	-
Utrecht...	73	59	bc, bc	-	Berne	81	*	bc	-
Copenhagen	63	55	b, bc	-	Lucerne	79	*	b	-
Prague	81	55	b, b	-	Coire	79	*	b	-
Vienna	77	57	b, b	-	Castasegna	75	*	b	-
Buda-Pesth	77	57	b, b	-	Lugano	82	*	b	-
St. Petersburg	66	50	o, c	-					
Rome	90	66	b, b	-					
Malta	79	73	c	-					
Madeira (Funchal)	Not received.								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.+ (W.E.T.)	6 p.m.+
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

6th Sept^{r}, 1908.	Sunrise G.M.T.	Noon G.M.T	Sunset G.M.T.
Yarmouth	5.12	11.51	6.30
Greenwich	5.21	11.58	6.35
Wick	5.23	12.10	6.57.
Valencia	6.1	12.39	7.17.

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 8th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW,** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L. Ins.	Dry Bulb. °	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Max. °	Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.81	51	E	2	o	29.77	-.07	44	43	- 7	NNE	2	o	*	52	43	-	*	-
	Hernösand ...	29.87	55	N	o	o	29.77	-.12	53	51	- 2	NE	2	o	*	63	50	-	*	0.16
	Stockholm ...	29.96	51	W	2	r	29.94	-.10	53	51	- 6	WSW	4	o	*	63	48	-	*	0.32
	Wisby	29.97	54	N	4	c	30.02	-.05	52	49	- 3	N	4	3	*	64	52	-	*	-
	Karlstad	29.97	54	SW	2	3c	29.90	-.12	55	54	o	W	4	o	*	*	*	-	*	-
	Færder (X'iania Fjord)	29.95	57	SW	5	3	29.83	-.21	56	54	o	SW	6	3	3	59	54	-	*	-
	Bodö	29.88	49	SW	1	3	29.92	+.02	49	44	- 2	SE	2	3	1	59	43	-	*	-
	Christiansund ...	29.84	51	NE	1	3c	29.57	-.35	57	48	+ 3	SW	1	3c	1	57	50	-	*	-
	Skudesnaes ...	29.91	56	SSW	8	o	29.75	-.30	55	52	o	SW	6	o	4	59	52	3,o	*	*
BRITISH ISLANDS.	Sumburgh Head	29.56	51	SSW	4	o	29.53	-.29	50	48	- 1	W	4	c	6	54	48	c, o	*	0.05
	Stornoway ...	29.53	53	W	5	o	29.66	-.05	47	45	- 5	W	2	o	2	60	45	o	4.0	0.19
	Malin Head ...	29.79	55	WSW	8	cg	29.84	+.05	52	50	o	NW	5	cp	4	57	50	c, cg	*	0.11
	Blacksod Pt. ...	29.96	57	WSW	7	0m	29.91	+.03	55	54	- 1	SW	5	0m	4	59	52	o, 0m	*	0.25
	Valencia	30.15	57	SW	5	0mg	30.06	-.06	57	56	o	SSW	3	rgm	4	60	55	cp, 0gm	0.1	0.24
	Roche's Point ...	30.12	59	SW	2	cp	30.10	-.10	58	56	+ 1	WSW	3	0rm	2	62	55	o, cp	*	0.02
	Parsonstown ...	30.08	57	SW	1	c	29.99	-.10	57	55	+ 5	SW	1	o	*	60	45	cp, c, r	0.1	0.45
	Donaghadee ...	29.93	58	W	3	cp	29.92	-.14	53	51	+ 1	WSW	3	c	2	59	48	-	*	0.13
	Liverpool Obsy.	30.05	55	SW	4	r	30.01	-.16	58	55	+ 3	W	4	o	3	61	54	3c, cp	*	0.06
	Holyhead ...	30.04	57	WSW	7	0gp	29.98	-.18	57	56	+ 1	WSW	4	o	3	59	54	0gm, 0gp	*	0.15
	Pembroke (St. Ann's)	30.13	57	WSW	7	o	30.09	-.14	59	57	+ 2	WSW	6	0ggm	5	60	56	-	4.9	0.02
	Scilly (St. Mary's)...	30.30	62	WSW	4	c	30.22	-.07	59	57	+ 1	WSW	4	o	3	64	55	c	10.1	0.01
	Jersey (St. Aubins)...	30.35	60	W	4	3	30.30	.00	60	57	+ 2	WSW	5	cg	4	64	55	3c, 3	11.5	-
	Portland Bill ...	30.27	59	WSW	5	3c	30.21	-.06	59	57	+ 2	WSW	4	c	3	63	56	3c	*	-
	Dungeness ...	30.25	61	W	5	3	30.19	-.04	60	59	+ 6	WNW	5	rg	5	67	53	3	8.7	0.03
	Wick	29.59	54	SW	3	3c	29.64	-.20	52	50	+ 1	NW	3	o	2	58	46	-	*	0.12
	Nairn	29.63	53	SSW	3	3c	29.68	-.18	51	50	o	SW	1	c	1	61	48	-	*	0.05
	Aberdeen ...	29.70	55	SSW	3	c	29.72	-.24	53	49	+ 4	SW	4	3c	2	55	47	cp, c	1.1	0.02
	Leith	29.80	55	WSW	3	c	29.79	-.19	54	51	+ 1	SW	3	cp	*	58	51	-	*	0.12
	North Shields ...	29.91	56	SW	4	o	29.88	-.21	55	51	+ 1	SW	3	c	2	60	50	c, p, o, r	*	0.14
GERMANY, &c.	Spurn Head ...	30.06	60	SW	5	c	29.95	-.22	59	55	+ 4	SW	6	3c	3	65	54	-	*	-
	Yarmouth ...	30.14	64	WSW	3	3	30.08	-.09	58	54	+ 3	WSW	4	c	3	66	52	3	*	0.01
	Nottingham ...	30.11	59	WSW	2	c	30.05	-.16	57	55	+ 10	WSW	1	o	*	63	46	-	8.3	0.01
	Oxford	30.21	56	SW	3	c	30.14	-.13	58	56	+ 6	SW	3	o	*	65	51	3c, o, o	*	-
	London (Brixton)...	30.20	61	W	1	3	30.15	-.09	60	58	+ 8	WSW	3	o	*	69	52	3c, 3, o	9.8	-
	The Scaw (Skagen)	30.04	59	W	1	3	29.92	-.17	55	54	- 1	SW	4	c	1	59	52	-	*	-
	Fanö	30.12	57	WSW	2	c	30.02	-.10	58	55	+ 5	WSW	4	r	*	59	52	-	*	0.20
	Cuxhaven ...	30.15	58	NW	1	c	30.13	+.09	54	53	- 5	SSW	3	3	*	59	50	-	*	0.16
	The Helder ...	30.19	58	WNW	3	3	30.09	-.04	61	57	+ 1	WSW	5	r	4	64	57	-	*	-
	Brussels	*	*	*	*	*	30.27	+.07	55	53	- 2	SW	3	3	*	65	49	-	*	-
	Berlin	30.06	65	NW	5	o	30.23	+.23	58	54	- 11	NW	2	c	*	84	55	-	*	-
	Frankfürt ...	30.21	59	N	1	o	30.23	+.24	57	54	- 8	N	1	o	*	72	55	-	*	-
	Munich	30.19	67	NW	4	3c	30.28	+.16	60	59	- 5	NW	2	o	*	79	57	-	*	-
FRANCE.	C. Gris Nez ...	30.21	60	WSW	4	3	30.17	.00	60	57	+ 3	WSW	5	o	5	66	57	-	*	-
	Brest	30.38	62	WNW	2	3	30.33	-.01	60	58	+ 7	W	3	c	3	66	52	-	*	-
	Lorient	30.34	62	NW	4	3	30.32	.00	59	55	+ 5	W	3	3c	2	66	54	-	*	-
	Rochefort ...	30.28	67	N	4	c	?30.39	+.17	56	53	- 2	NE	4	3	*	72	52	-	*	-
	Biarritz	30.32	64	NW	4	r	30.38	+.09	62	60	- 1	S	1	o	2	64	57	-	*	0.12
	Paris	30.29	60	N	1	o	30.35	+.14	49	49	- 7	S	1	3	*	66	46	-	*	-
	Belfort	30.16	61	WSW	4	r	30.25	+.19	55	55	- 6	ENE	2	f	*	77	55	-	*	0.08
	Lyons	30.22	62	N	1	o	30.30	+.20	59	56	- 8	NNW	1	o	*	69	58	-	*	0.04
	Nice	30.03	73	N	o	3	30.06	+.03	75	60	+ 1	ENE	3	3	1	88	68	-	*	-
	Perpignan ...	30.13	67	W	4	3c	30.17	+.11	68	59	- 3	W	3	o	*	82	65	-	*	-
SPAN. PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)	30.48	67	NE	2	3	30.47	.00	67	60	+ 1	NE	1	3	3	73	63	-	*	-
	" (Horta) ...	30.47	70	S	4	3	30.46	+.04	66	63	- 5	N	0	3.	2	73	66	-	*	-

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

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

WEATHER CHARTS

FOR Tuesday, 8th SEPTEMBER, 1903.

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

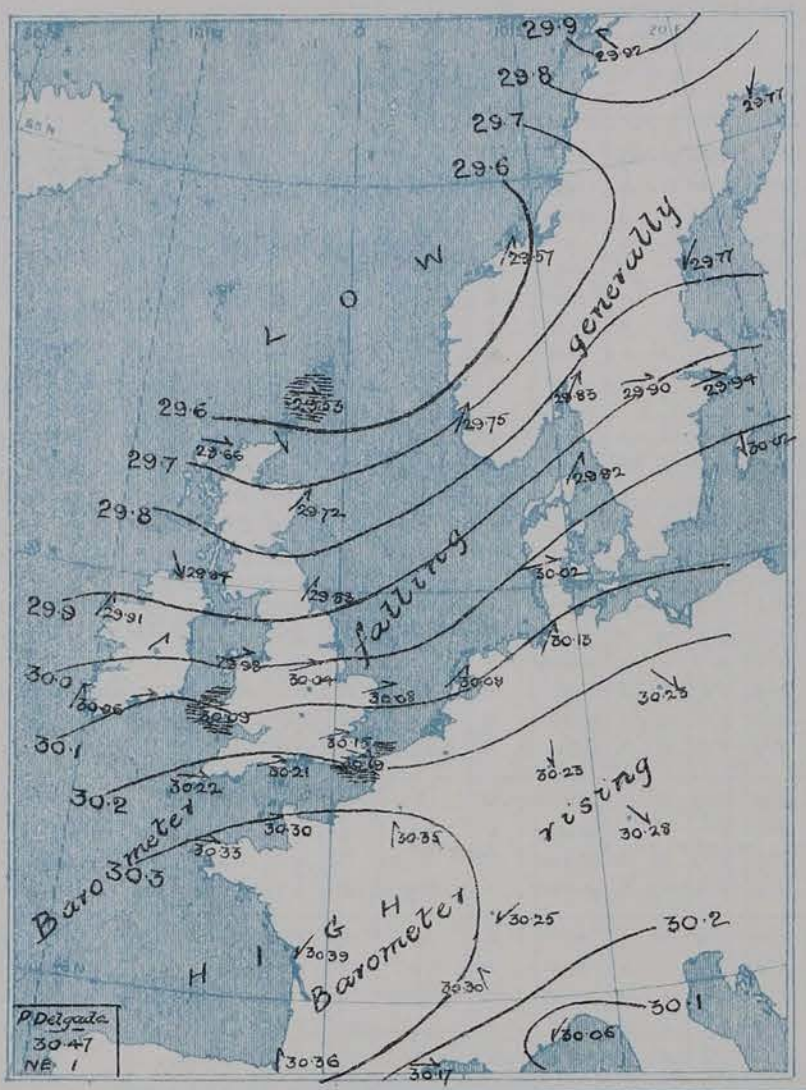
BAROMETER.—Isobars are drawn for each tenth of an inch

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

Force above 10 ⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶

SEA.—Rough ▒ *High* ▓

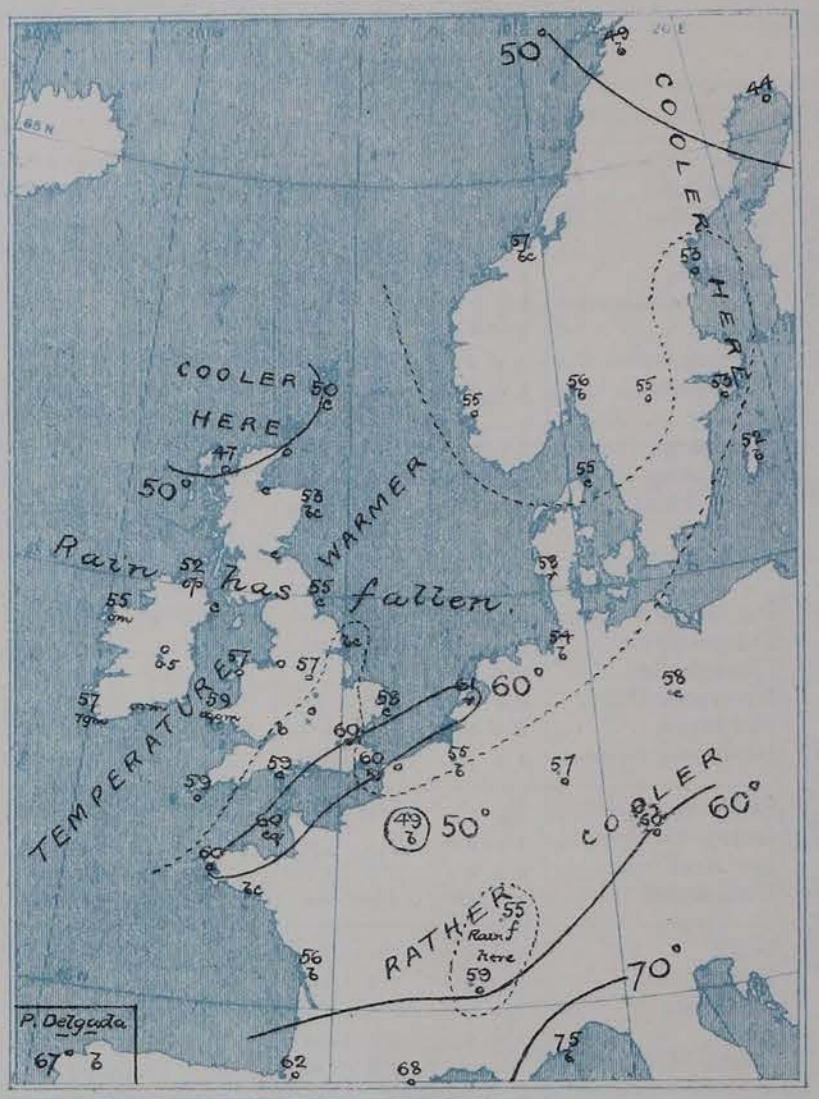


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°

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

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus –·66



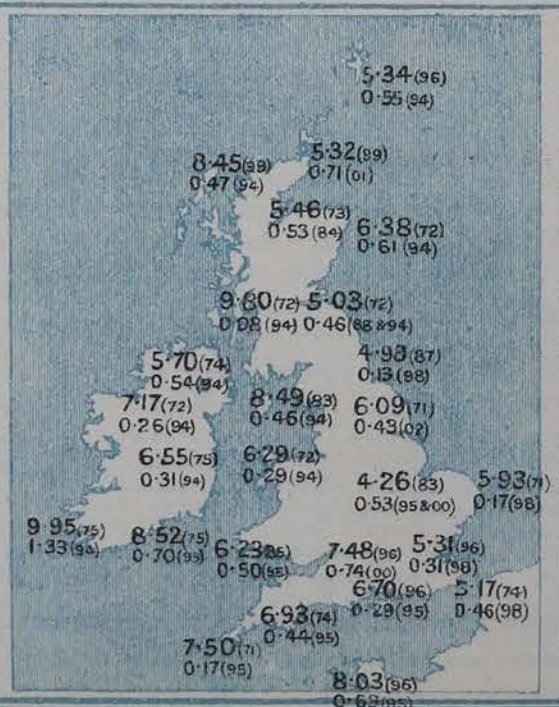
III. BAROMETER AND WIND

Yesterday morning.

IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

During the 32 Years 1871-1902.

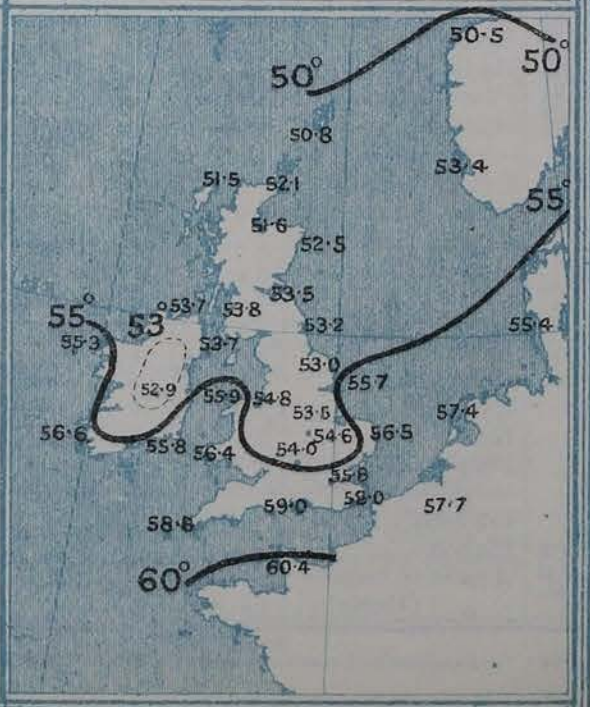
Specimen (for LONDON) { *Greatest Rainfall* 5·31 (IN 1896) ; *Least ... Do ...* 0·31 (IN 1898)



V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

SEPTEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE — The Scandinavian anticyclone has disappeared, and another has arrived off the Bay of Biscay and has caused a decided rise of the barometer over our southern districts and the west of France. A new disturbance has, however, advanced towards our western coasts, where the barometer is giving way quickly, and the fall has already spread over Scotland. On the western end of the English Channel the readings are above 30·3 ins. and in the Hebrides the value is 29·7 ins., the gradient on our northwestern coasts being steep.

WIND, TEMPERATURE, WEATHER AND SEA — Along the eastern half of the Channel and the southeast coast there is a light NW^{ly} air, but over the rest of the Kingdom W^{ly} or SW^{ly} winds prevail, moderate to very light nearly everywhere, but there has been a rapid increase on the west and north coasts of Ireland, where a moderate or fresh gale is already blowing. At the continental stations the direction and force are very variable. Fair or fine weather is reported over the greater part of Britain, but in Ireland it is dull and unsettled, with rain and squalls, and the dullness is extending towards Scotland. Rain is falling over Denmark and Hanover, other foreign districts ranging from bright to overcast. The temperature changes are irregular, the present values ranging from 47° at Nottingham and 48° at Bath to 58° at Scilly and Jersey; the continental ones from 51° at Bodö and Haparanda to 71° at Perpignan and 74° at Nice. The sea is rough off Blackrod, and rather rough off Valencia, Malin Head, and Sumburgh Head.

During yesterday temperature touched 66° only at Leith and Scarborough. Eastbourne registered 60°, Brighton 59° and Sumburgh Head 57°. There was little or no bright sunshine in the southeast, but Scilly had 11·6 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the southwest seems likely to move eastwards to the Continent; the depression in the northwest to travel on a northeasterly course; and as the wind has backed into South at Valencia it is probable that another low pressure area is approaching, so that unstable conditions will continue for the present.

FORECASTS*

For the 24 hours ending at NOON on 8th September, 1903.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW^{ly} winds, increasing to a gale; unsettled, rainy.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST	SW^{ly} winds, freshening considerably; dull, unsettled, some rain.	7 ENGLAND N.W.	Same as Nos. 1 & 2.
2 ENGLAND N.E.		8 ENGLAND S.W.	Same as Nos. 3 to 5.
3 ENGLAND EAST	W^{ly} to SW^{ly} winds, freshening; fine at first, less settled later, some showers.	9 IRELAND NORTH	SW^{ly} gales, moderating later; unsettled, rainy.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	SW^{ly} to S^{ly} winds, strong to a gale; dull, unsettled, some rain.
5 ENGLAND SOUTH		WARNINGS	At 9.30 a.m. today to districts 6, 10 and parts of 0 and 9, "Hoist South Cone."

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins	Temp	Wind Direct	Wind Force	Weather	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direct	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	b	*	64	49	c, o, w	1·7	0·03
Bath	30·12	49	W	1	b	30·26	+·13	48	48	+ 3	W	1	b	*	65	41	–	5·5	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	°	°		11·0		Broadstairs...	*	*	*		*
Rhyl, to 6 p.m....	*	*	*	9·0	*	Margate	61	51	c, r	0·5	–
Llandudno...	*	*	*	10·5	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	63	59	bc	9·5	–	Skegness	*	*	*		*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	66	*	*	6·8	*
Worthing	*	*	*	0·2	*	Harrogate, to 6 p.m. ...	65	44	w, bv	10·5	–
Brighton	59	*	*	0·0	*	Manchester, to 9 p.m. ...	66	45	p, bc, bw	5·5	0·01
Eastbourne, to 6 p.m. ...	60	*	*	0·0	*	Darwen, to 9 p.m.	64	46	bcv, bw	10·5	–
Hastings	*	*	*	0·7	*	Birmingham, to 9 p.m. ...	64	47	c, b, c	3·7	–

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

STATIONS. 6th Sept. 1908.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS. 5th Sept. 1908	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. Ins. Measured 7 a.m.
Marseilles	Information not received.				Geneva	81	*	b	—
Utrecht...					Berne	84	*	b	—
Copenhagen					Lucerne	79	*	b	—
Prague					Coire	82	*	b	—
Vienna					Castasegna	73	*	b	—
Buda-Pesth					Lugano	82	*	b	—
St. Petersburg									
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores (Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

7th Sept., 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.14	11.51	6.28
Greenwich	5.23	11.58	6.33
Wick	5.26	12.10	6.54
Valencia	6.3	12.39	7.15

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 9th. September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW**, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	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. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.62	51	N	0	0	29.50	-.27	47	45	+3	N	2	0	*	52	39	–	*	–
	Hernösand ...	29.60	51	N	0	3	29.49	-.28	49	47	-4	N	0	3	*	63	49	–	*	–
	Stockholm ...	29.79	54	N	0	0	29.61	-.33	55	54	+2	SW	4	3	*	61	48	–	*	0.24
	Wisby	29.90	56	SW	3	0	29.70	-.32	55	51	+3	N	0	r	*	63	50	–	*	0.12
	Karlstad	29.73	54	SW	4	0	29.53	-.37	53	51	-2	SSW	4	0	*	*	*	0,r	*	0.39
	Færder (X'iania Fjord)	29.67	56	SW	3	c	29.42	-.41	54	52	-2	S	5	r	3	57	54	–	*	0.12
	Bodö	29.53	50	SE	4	3	29.45	-.47	49	45	0	E	2	3	1	57	45	–	*	–
	Christiansund ...	29.92	50	SW	3	c	29.38	-.19	50	47	-7	S	1	0	1	57	46	–	*	0.04
	Skudesnaes ...	29.67	54	SW	4	c	29.24	-.51	52	50	-3	ESE	6	r	4	57	52	0,c	*	*
BRITISH ISLANDS.	Sumburgh Head	29.52	49	WSW	3	cp	29.31	-.22	47	45	-3	NNE	3	3	5	55	42	c, cp	*	0.05
	Stornoway ...	29.55	50	WSW	2	0	29.46	-.20	47	45	0	NNW	3	0	3	53	45	0,rg,0	5.1	0.11
	Malin Head ...	29.50	54	SSW	5	rm	29.71	-.13	53	48	+1	N	7	3cp	6	56	46	r,rm	*	0.28
	Blacksod Pt. ...	29.52	58	WSW	7	rgm	29.80	-.07	54	50	-1	NNW	5	c	4	59	51	rgm	*	0.99
	Valencia	29.75	60	SW	7	om	30.00	-.06	54	48	-3	W	5	3cg	5	61	53	rgm,0	0.0	0.40
	Roche's Point ...	29.79	59	SW	5	r	29.95	-.15	54	50	-4	NW	3	3	3	60	53	0,r	*	0.07
	Parsonstown ...	29.66	57	SW	3	r	?29.86	-.13	51	48	-6	SW	1	3	*	60	46	or	0.0	0.59
	Donaghadee ...	29.67	56	SW	2	or	29.66	-.26	50	47	-3	NW	5	3	4	56	47	–	*	0.57
	Liverpool Obsy.	29.84	56	WSW	3	r	29.69	-.32	52	48	-6	WNW	7	3	5	61	51	r	*	0.45
	Holyhead	29.76	57	SW	6	rgm	29.77	-.21	53	50	-4	NW	8	cg	6	58	50	rgm,rg	*	0.89
	Pembroke (St. Ann's)	29.89	59	WSW	7	0	29.87	-.22	55	50	-4	NW	6	cg	6	60	55	–	0.0	0.16
	Scilly (St. Mary's)...	30.05	61	WSW	6	c	29.92	-.30	59	57	0	WNW	5	cg	4	64	56	c,c	1.3	0.07
	Jersey (St. Aubins)...	30.21	62	WSW	5	cg	29.93	-.37	62	61	+2	WSW	7	or	5	65	59	c, cg	1.5	0.03
	Portland Bill ...	30.10	60	WSW	4	c	29.81	-.40	59	58	0	WNW	7	cp	4	61	58	c	*	0.02
	Dungeness ...	30.10	62	W	6	cu	29.71	-.48	62	62	+2	WSW	7	c	5	66	57	c, cu	1.3	0.10
	Wick	29.55	53	NW	3	0	29.38	-.26	49	48	-3	NW	3	0	2	60	43	0,r	*	0.20
	Nairn	29.58	53	N	0	c	29.45	-.23	47	46	-4	W	1	c	1	60	43	–	*	0.35
	Aberdeen ...	29.63	55	SSW	3	opm	29.40	-.32	49	46	-4	WNW	4	3c	2	63	46	c, op, r	5.5	0.54
	Leith	29.64	56	WSW	1	r	29.48	-.31	54	49	0	WSW	3	3	*	60	46	–	*	0.32
	North Shields ...	29.74	57	SW	3	r	29.50	-.38	53	48	-2	W	4	3c	2	61	49	c, r	*	0.23
GERMANY, &c.	Spurn Head ...	29.83	63	SSW	4	r	29.49	-.46	55	52	-4	WNW	9	3c	5	64	52	r, rg	*	0.38
	Yarmouth ...	29.96	64	WSW	4	c	29.54	-.54	60	56	+2	WNW	6	cg	5	65	55	c, r	*	0.35
	Nottingham ...	29.91	58	SW	2	r	29.63	-.41	55	50	-2	W	3	c	*	63	54	–	0.0	0.83
	Oxford	29.94	59	SSW	4	0	29.73	-.41	59	54	+1	WNW	3	3	*	65	58	0, gp	*	0.09
	London (Brixton)...	30.04	62	WSW	4	0	29.70	-.45	63	60	+3	W	5	0	*	66	58	0, rg	1.0	0.10
	The Scaw (Skagen)	29.74	53	W	3	c	29.38	-.58	54	54	-1	SSE	4	r	1	64	52	–	*	0.55
	Fanö	29.88	56	SSW	2	0	29.36	-.66	58	57	0	SSW	6	r	*	61	55	–	*	0.71
	Cuxhaven ...	30.03	60	SW	4	0	29.54	-.59	57	56	+3	SSW	6	r	*	61	54	0, rg	*	0.28
	The Helder ...	29.95	62	SW	6	0	29.45	-.64	61	60	0	SW	8	r	5	64	59	–	*	0.67
	Brussels	*	*	*	*	*	29.80	-.47	58	54	+3	SW	7	0	*	66	55	–	*	–
	Berlin	30.14	60	SE	1	3	29.88	-.35	57	54	-1	SSE	3	c	*	68	50	–	*	–
	Frankfürt ...	30.15	59	SW	3	3	29.97	-.26	57	53	0	S	4	0	0	70	50	–	*	–
	Munich	30.28	61	N	0	0	30.17	-.11	60	59	0	SW	2	0	*	68	55	–	*	–
FRANCE.	C. Gris Nez ...	30.06	60	SW	6	c	29.71	-.46	59	59	-1	SSW	8	f	8	64	57	–	*	–
	Brest	30.24	61	SW	4	0	30.00	-.33	61	61	+1	SW	5	f	4	64	60	–	*	0.04
	Lorient	30.23	63	W	3	3c	30.06	-.26	62	?	+3	WSW	5	f	5	62	48	–	*	0.04
	Rochefort ...	30.28	64	NW	3	3	30.18	-.21	64	60	+8	WSW	5	0	*	?73	56	3	*	–
	Biarritz	30.34	67	N	3	3	30.28	-.08	63	57	+1	SE	2	3	2	68	57	–	*	–
	Paris	30.25	62	W	1	c	30.03	-.32	58	55	+9	SW	5	0	*	68	49	–	*	–
	Belfort	30.23	59	N	0	?	30.15	-.10	54	53	-1	WSW	2	m	*	77	52	–	*	–
	Lyons	30.27	61	NNE	1	0	30.22	-.08	57	56	-2	NE	1	3	*	71	52	–	*	–
	Nice	30.05	74	N	0	3	30.06	.00	74	61	-1	N	0	3	0	74	60	–	*	–
	Perpignan ...	30.17	69	W	3	0	30.20	+.03	66	59	-2	W	2	3	*	80	59	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30.19	67	NNW	5	3	30.21	-.03	72	58	+7	N	4	3	*	79	64	–	*	–
	Azores (P. Delgada)	30.48	66	NNE	3	3	30.48	+.01	67	62	0	NNE	2	3	3	75	63	–	*	–
	,, (Horta) ...	30.48	68	N	0	c	30.49	+.03	65	62	-1	WNW	1	3	1	75	64	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR WEDNESDAY, 9TH SEPTEMBER, 1903.

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

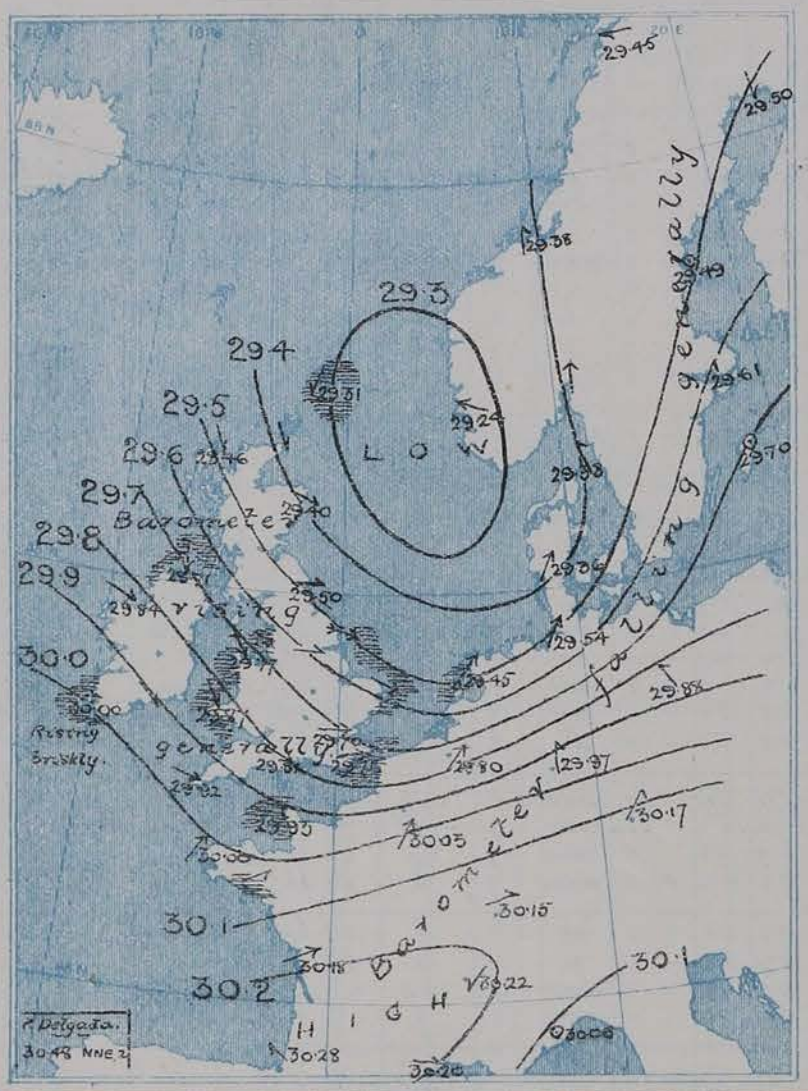
BAROMETER.—Isobars are drawn for each tenth of an inch

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

Force above 10 ⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶

SEA.—Rough ▒ *High* ▒

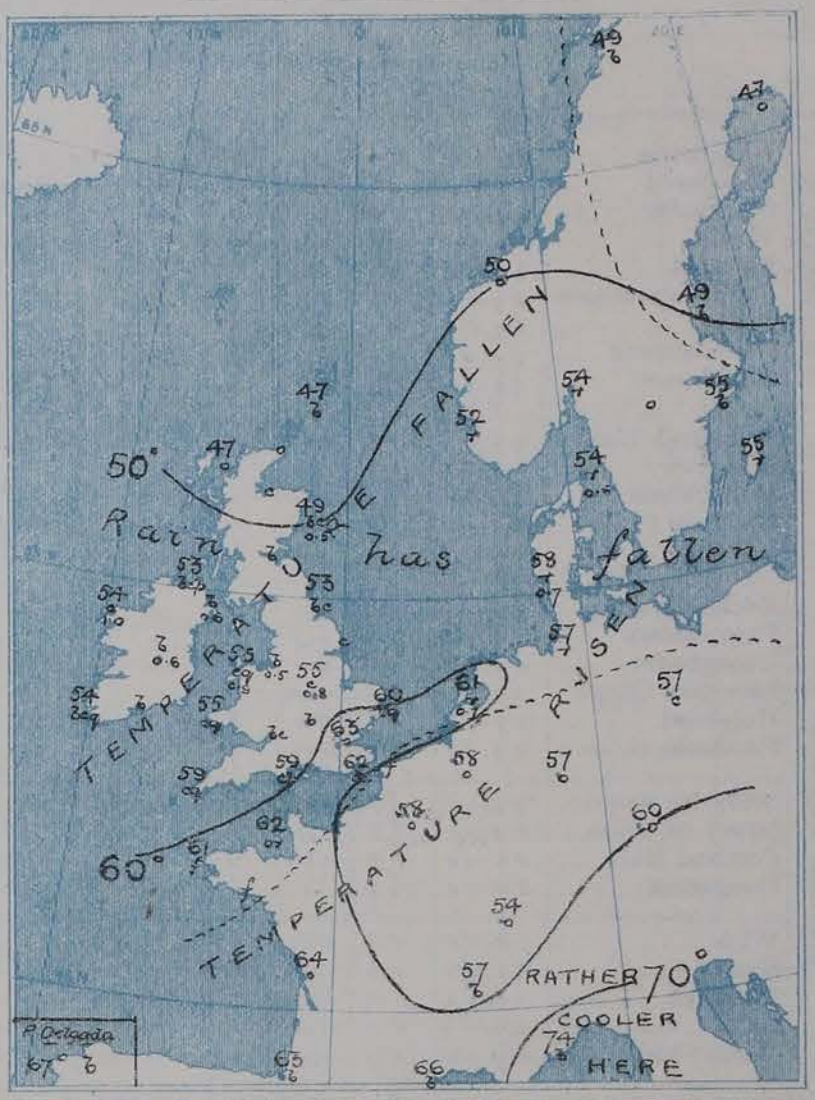


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

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

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



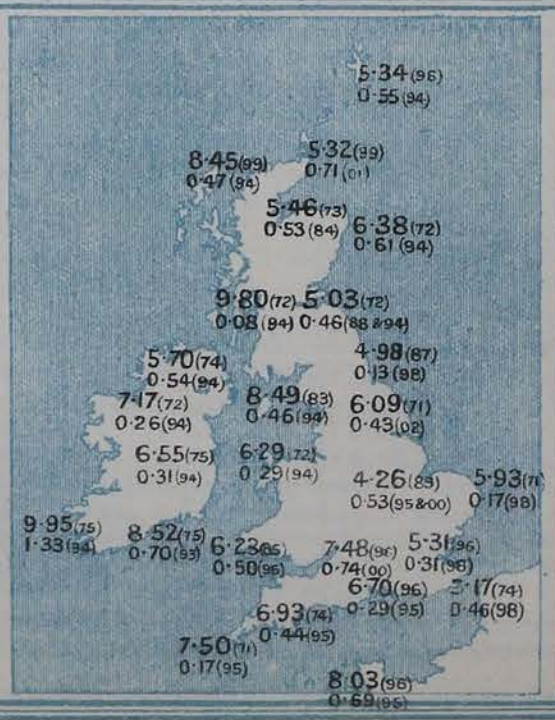
III. BAROMETER AND WIND

Yesterday morning

IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

During the 32 Years 1871-1902.

Specimen (for London) { *Greatest Rainfall* 5·31 (IN 1896) / *Least ... Do ...* 0·31 (IN 1898)



V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

SEPTEMBER (1871-1900)

GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone from the southwestward continues to spread eastward to Central Europe, and the barometer is rising at most of the stations south of the English Channel. Yesterday's depression off our northwestern coasts is now off the southwest of Norway, but the barometer is very irregular in its movements over the United Kingdom, owing to the passage eastward of small secondary disturbances. In the west of Ireland there are indications of the approach of a new low pressure area.

WIND
TEMPERATURE
WEATHER
AND
SEA

A fresh NW^{ly} breeze is reported locally at Malin Head and Dungeness, and light from the same quarter at Wick, elsewhere the direction is SW^{ly} and varying in force from a faint air to a strong breeze. At the foreign stations the wind circulates round various high and low pressure systems, a strong SW^{ly} breeze blowing along the south coast of Norway. Cloudy, dull, unsettled-looking weather prevails generally over our Islands, with gloom, mist and rain at some of the western stations, and rain squalls on the Straits of Dover. Rain is also falling on the eastern side of the North Sea, the Continental weather generally varying from fine and clear to dull and overcast. Temperature has risen at nearly all the home stations, and fallen at the foreign ones. Present readings range from 47° at Stornoway and 50° at Sumburgh Head to 60° at Jersey, Dungeness, and in London; and on the Continent from 44° at Haparanda and 49° at Bodö and Paris to 68° at Perpignan and 75° at Nice. The sea is rough off the Shetlands, rather rough off Pembroke and on the Straits of Dover.

During yesterday temperature rose to 67° at Dungeness and Margate and to 69° in London, but only to 55° at Aberdeen and 54° at Sumburgh Head. Bright sunshine varied considerably, from 0·1 hr. at Pembroke and Valencia, to 11·5 hours at Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The existing type of pressure distribution favours the passage of secondary disturbances across our Islands, while the primary systems approach the western coasts, and move northward or cross our northern districts, attended by rather rough boisterous conditions.

FORECASTS*

For the 24 hours ending at NOON on 9th September, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W^{ly} to SW^{ly} breezes, light to fresh; unsettled, some rain.	6 SCOTLAND WEST	NW^{ly} to SW^{ly} breezes, moderate or fresh; unsettled, some rain.
1 SCOTLAND EAST	SW^{ly} breezes, moderate; fair to unsettled showers.	7 ENGLAND N.W.	Same as Nos 1 and 2
2 ENGLAND N.E.		8 ENGLAND S.W.	Same as Nos. 3 to 5.
3 ENGLAND EAST	SW^{ly} breezes, light to fresh; changeable, unsettled, local showers and thunder.	9 IRELAND NORTH	Same as No. 6
4 MIDLAND COUNTIES		10 IRELAND SOUTH	SW^{ly} to S^{ly} breezes, light to strong; dull, unsettled, some rain.
5 ENGLAND SOUTH		WARNINGS	The South Cone is still flying in districts 6, 10 and parts of 0 and 9.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	3c	*	65	55	3,3c	8·2	–
Bath	30·23	59	W	2	3	30·16	–·10	59	56	+11	SW	2	3	*	65	48	–	8·0	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	62	47	3,c, op, 3	4·5	0·03	Broadstairs...	*	*	*	9·4	*
Rhyl, to 6 p.m.	*	*	*	6·8	*	Margate	67	*	*	10·0	*
Llandudno...	*	*	*	5·1	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	61	58	c, o	5·0	–	Skegness	*	*	*	10·0	*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	64	*	*	4·3	*
Worthing	*	*	*	10·4	*	Harrogate, to 6 p.m. ...	*	*	*	4·3	*
Brighton	66	*	*	10·4	*	Manchester, to 9 p.m. ...	64	42	3c, r, 3c	6·5	0·12
Eastbourne, to 6 p.m. ...	66	*	*	10·0	*	Darwen, to 9 p.m.	59	45	3c, or, cv	4·6	0·19
Hastings	*	*	*	9·8	*	Birmingham, to 9 p.m. ...	63	45	3, c, o	8·5	–

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

STATIONS. 7th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS. 6th Sept. 1903	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet	Weather. 1 p.m.	Rain. Ins. Measured 7 a.m.
Marseilles	Information not received				Geneva		*	Information not received.	
Utrecht...					Berne		*		
Copenhagen					Lucerne		*		
Prague					Coire		*		
Vienna					Castasegna		*		
Buda-Pesth					Lugano		*		
St. Petersburg									
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

8th Sept., 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.16	11.51	6.26
Greenwich	5.25	11.58	6.31
Wick	5.28	12.10	6.51
Valencia	6.5	12.39	7.13

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 10th. September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW,** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	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. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29·39	44	NE	2	b	29·13	−·37	48	47	+ 1	E	6	r	*	57	43	–	*	0·04
	Hernösand ...	29·31	51	SE	6	r	28·80	−·69	53	51	+ 4	S	4	o	*	59	43	–	*	0·59
	Stockholm ...	29·03	54	S	6	r	28·73	−·88	48	48	− 7	SE	6	r	*	57	48	–	*	0·35
	Wisby	29·19	54	SSW	8	b	28·99	−·71	51	47	− 4	W	9	o	*	55	51	–	*	0·67
	Karlstad	28·84	53	SW	6	r	28·73	−·80	49	48	− 4	WNW	2	bc	*	*	*	–	*	0·72
	Færder (X'iania Fjord)	28·72	54	S	4	o	28·90	−·52	52	47	− 2	WNW	7	o	4	54	50	–	*	0·59
	Bodö	29·33	51	SE	2	bc	29·22	−·23	?50	44	+ 1	E	2	b	1	55	45	–	*	–
	Christiansund ...	29·17	51	N	4	c	29·12	−·26	45	44	− 5	NNW	6	b	4	52	45	–	*	0·08
	Skudesnaes ...	29·10	48	NNW	9	r	29·34	+·10	46	44	− 6	NNW	9	c	5	52	45	r	*	*
BRITISH ISLANDS.	Sumburgh Head	29·44	46	NW	3	c	29·37	+·06	46	44	− 1	WNW	4	o	5	50	41	bc, c	*	0·18
	Stornoway ...	29·62	49	NNW	6	r	29·64	+·18	46	44	− 1	NW	3	o	3	58	42	cp, rq	6·7	0·35
	Malin Head ...	29·83	52	NNW	7	cqp	29·77	+·15	49	49	− 4	W	5	op	5	56	47	c, cqp	*	0·13
	Blacksod Pt. ...	30·02	53	NW	6	cpm	29·77	−·07	51	49	− 3	SSW	3	rm	3	55	49	bcp, cp	*	0·25
	Valencia	30·16	55	WNW	5	bcq	29·92	−·08	53	50	− 1	S	3	rqm	4	58	51	bcq	8·9	0·01
	Roche's Point ...	30·09	55	NNW	4	cp	30·01	+·06	52	50	− 2	SW	1	o	1	60	49	c, cp	*	0·02
	Parsonstown ...	30·01	53	NW	4	c	29·92	+·06	49	48	− 2	SW	1	o	*	57	47	bcp, c	7·7	0·03
	Donaghadee ...	29·84	52	WNW	4	bcqp	29·86	+·20	48	47	− 2	WSW	3	c	3	57	42	–	*	0·07
	Liverpool Obsy.	29·81	49	WNW	7	c	29·91	+·22	51	48	− 1	WNW	5	bc	4	57	47	p, c	*	0·21
	Holyhead	29·85	52	WNW	8	bcqp	29·93	+·16	52	50	− 1	W	5	c	4	57	49	bcqp	*	0·07
	Pembroke (St. Ann's)	29·98	56	NW	6	bc	30·00	+·13	55	49	0	W	5	bc	5	58	53	bc, q	8·7	–
	Scilly (St. Mary's)...	30·11	58	WNW	7	cp	30·15	+·23	56	54	− 3	WSW	3	c	4	62	54	bc, cp	6·9	–
	Jersey (St. Aubins)...	30·04	61	WNW	6	bc	30·19	+·26	57	52	− 5	WNW	5	c	4	64	53	or, bc, p	5·8	0·05
	Portland Bill ...	29·95	58	NW	7	bc	30·09	+·28	55	50	− 4	WNW	4	c	3	62	53	bc	*	0·01
	Dungeness ...	29·84	61	NW	4	bc	30·04	+·33	55	51	− 7	NW	3	c	2	70	46	bc	7·8	–
	Wick	29·55	48	NW	4	r	29·51	+·13	45	44	− 4	NW	4	c	2	53	41	–	*	0·30
	Nairn	29·60	48	NW	3	c	29·62	+·17	48	45	+ 1	W	2	bc	1	54	42	–	*	0·09
	Aberdeen ...	29·58	46	WNW	4	bp	29·63	+·23	49	44	0	WSW	3	bv	2	54	43	cqp, bp	8·9	0·01
	Leith	29·64	52	WSW	3	b	29·72	+·24	50	46	− 4	WSW	3	b	*	61	44	–	*	–
	North Shields ...	29·65	52	W	6	c	29·77	+·27	53	48	0	W	3	b	2	59	44	bc, c	*	–
GERMANY, &c.	Spurn Head ...	29·70	52	WNW	6	r	29·84	+·35	52	48	− 3	W	7	b	4	59	47	rq	*	0·08
	Yarmouth ...	29·72	58	WNW	5	bc	29·88	+·34	51	47	− 9	W	6	bq	4	62	44	bcq, bc	*	0·06
	Nottingham ...	29·78	50	WNW	2	r	29·93	+·30	49	47	− 6	W	2	b	*	60	44	–	9·7	0·02
	Oxford	29·92	49	WNW	3	b	30·03	+·30	52	49	− 7	SW	3	c	*	62	45	b, p	*	0·02
	London (Brixton)...	29·84	58	WNW	4	b	30·01	+·31	52	48	− 11	W	2	bc	*	65	48	p, cq, p, b	8·4	–
	The Scaw (Skagen)	28·74	52	W	7	r	29·04	−·34	50	48	− 4	NW	8	r	3	59	48	–	*	0·35
	Fanö	29·39	53	W	9	o	29·48	+·12	52	47	− 6	W	9	r	*	61	50	o, q	*	0·32
	Cuxhaven ...	29·55	56	W	6	c	29·63	+·09	53	49	− 4	W	6	c	*	61	50	c, bl, rq	*	0·43
	The Helder ...	29·65	58	WNW	8	c	29·80	+·35	56	49	− 5	WNW	9	bc	0	63	52	–	*	0·12
	Brussels	*	*	*	*	*	30·03	+·23	50	48	− 8	WSW	2	bc	*	64	46	–	*	0·08
	Berlin	29·65	60	SW	4	o	29·70	−·18	53	49	− 4	WSW	5	b	*	66	50	–	*	0·16
	Frankfürt ...	29·76	60	W	3	r	29·97	·00	52	49	− 5	WSW	1	o	*	70	52	–	*	0·16
	Munich	29·97	65	W	4	c	30·05	−·12	48	48	− 12	W	6	c	*	73	48	–	*	0·16
FRANCE.	C. Gris Nez ...	29·83	60	WNW	5	b	30·05	+·34	54	51	− 5	W	5	b	5	66	50	–	*	–
	Brest	30·13	59	NW	4	bc	30·24	+·24	56	53	− 5	WSW	2	o	3	63	54	–	*	–
	Lorient	30·10	63	NNW	4	c	30·21	+·15	54	54	− 8	N	2	bc	2	66	52	–	*	–
	Rochefort ...	30·09	66	WSW	6	f	30·22	+·04	56	53	− 8	NE	4	c	*	68	54	o, f	*	0·04
	Biarritz	30·25	69	W	2	b	30·26	−·02	66	63	+ 3	N	3	o	2	73	63	–	*	0·08
	Paris	29·95	61	NW	3	bc	30·16	+·13	50	48	− 8	SW	2	b	*	64	45	–	*	0·20
	Belfort	29·97	63	WSW	6	o	30·11	−·04	50	48	− 4	W	5	c	*	71	49	–	*	0·04
	Lyons	30·09	68	E	2	bc	30·18	−·04	57	52	0	NW	3	o	*	78	56	–	*	–
	Nice	29·95	73	ENE	2	b	29·83	−·23	68	64	− 6	N	0	b	2	84	64	–	*	–
	Perpignan ...	30·11	75	NW	2	b	30·10	−·10	70	60	+ 4	N	3	b	*	87	62	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)	30·51	66	NE	4	b	30·50	+·02	68	64	+ 1	NNE	1	o	2	75	63	–	*	–
	,, (Horta) ...	30·54	68	NW	3	bc	30·54	+·05	64	60	− 1	NW	1	b	1	77	63	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster. the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR THURSDAY, 10TH SEPTEMBER, 1903.

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

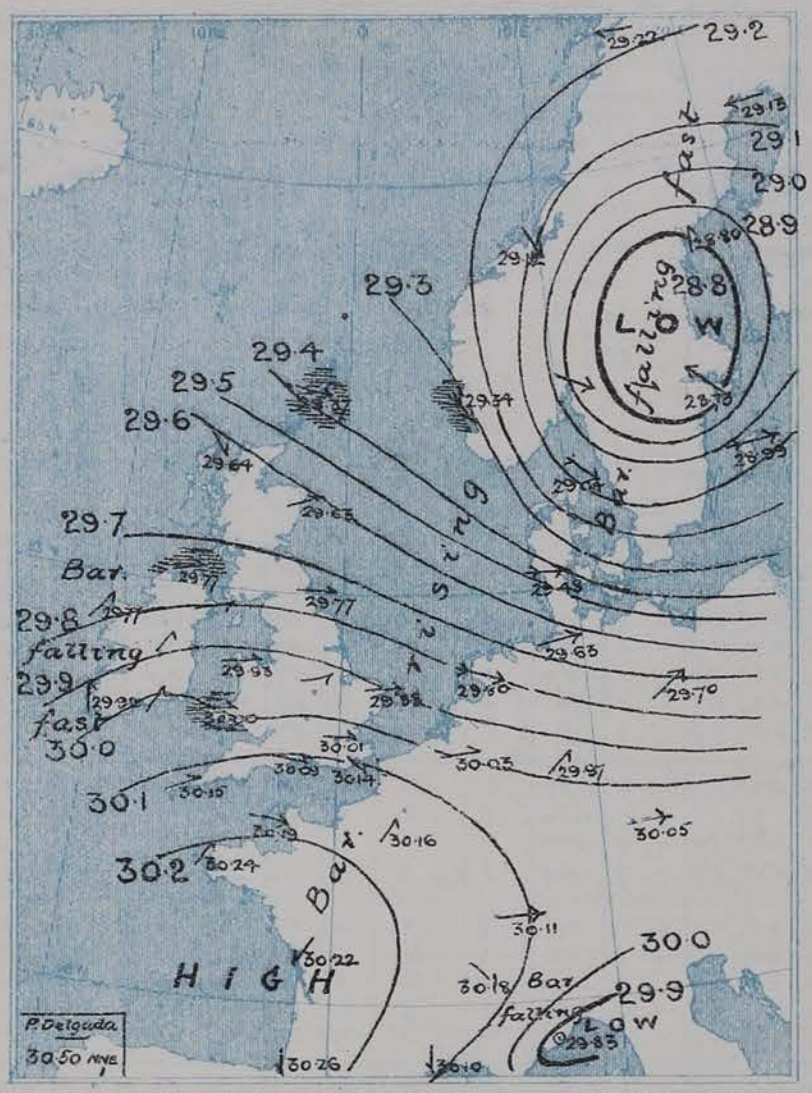
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶

SEA.—Rough ▬ *High* ▬

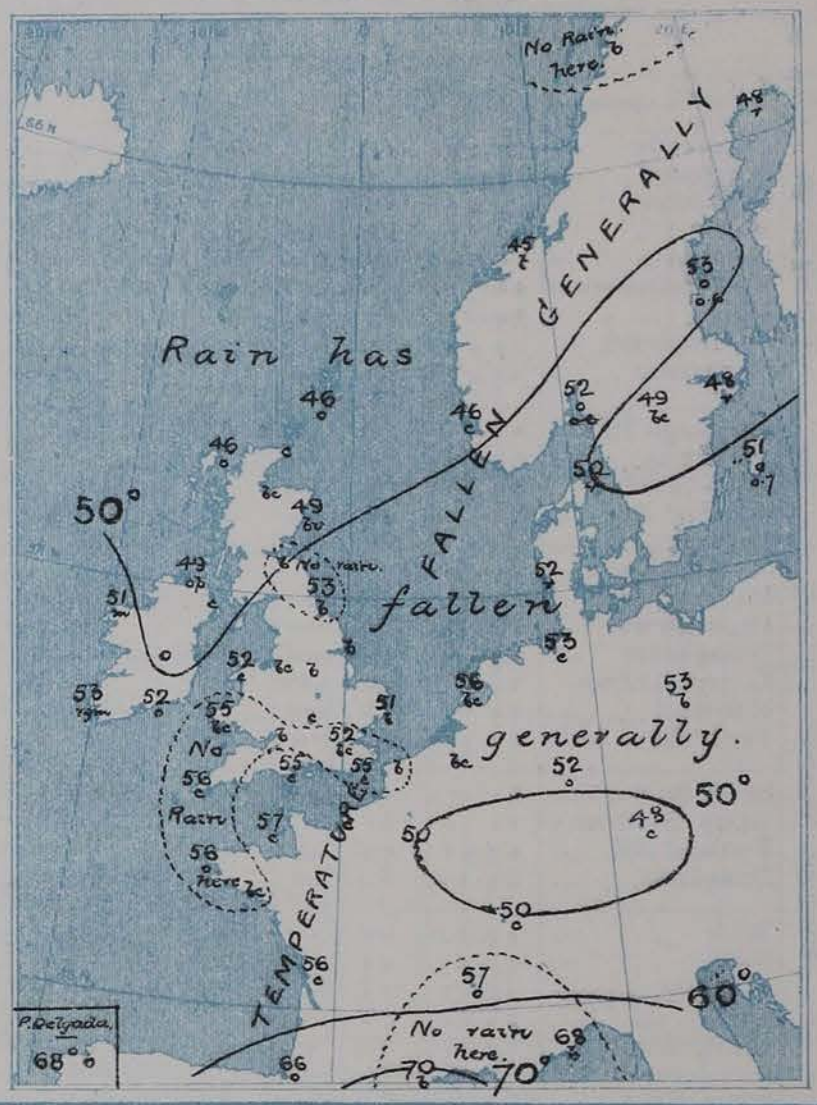


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°

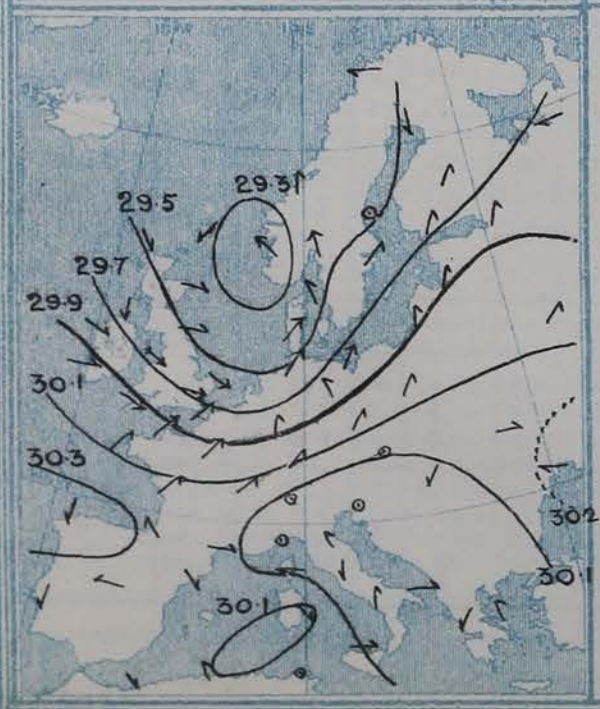
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III. BAROMETER AND WIND

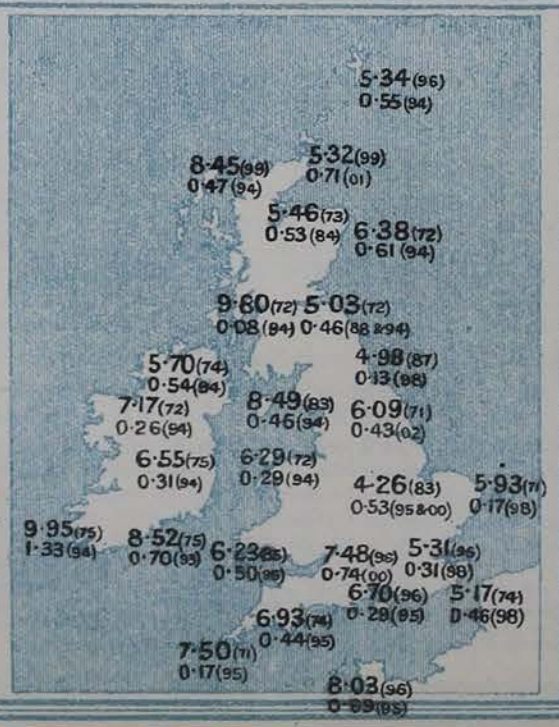
Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

During the 32 Years 1871-1902.

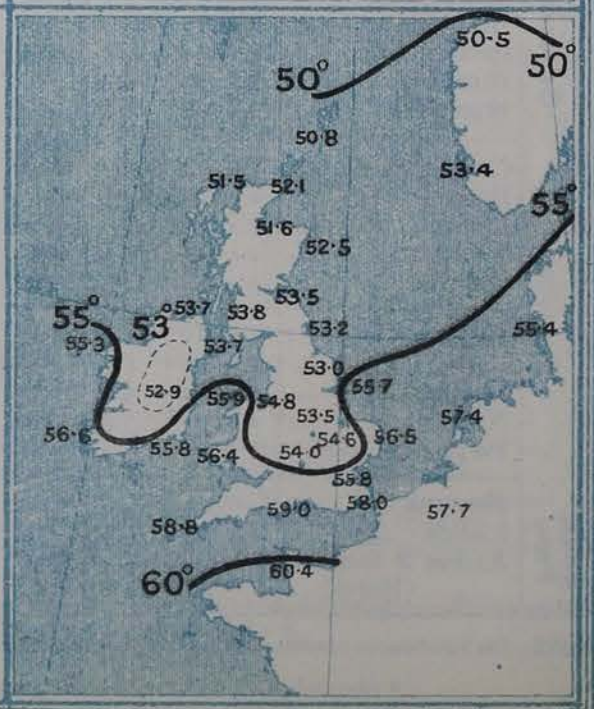
Specimen (for London) { *Greatest Rainfall* 5·31 (IN 1896) / *Least ... Do ...* 0·31 (IN 1898)



V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

SEPTEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The disturbance which was yesterday morning near the southwest coast of Norway has now disappeared from our area, and the Continental anticyclone has moved southward and decreased in intensity. An Atlantic disturbance has meanwhile advanced quickly on a NE.ly course, its centre skirting the northwest of Ireland and crossing Scotland during the night. It is now nearing the Norwegian coast, with the barometer below 29·3 ins. In its rear pressure is increasing all over our Islands, briskly at the western stations.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has veered to between W. and N. all round our coasts, moderate or light in force over Scotland and the north of England, but elsewhere the movement is very brisk, strong breezes and moderate or fresh gales being felt in many localities, and Spurn Head reports a strong gale. Over the neighbouring parts of France, the Low Countries and Scandinavia SW.ly to SE.ly strong winds to moderate or fresh gales are also blowing, the more distant regions having light breezes. Weather of a squally, changeable character is general, showery, with bright intervals, after heavy rains in the night, ranging up to an inch at Blacksod. Temperature has fallen at the majority of the home and foreign stations, the present readings ranging from 47° at Nairn, Stornoway and Sumburgh Head, to 62° at Dungeness and Jersey, and 63° in London; and at the Continental stations from 47° at Haparanda to 66° at Perpignan and 74° at Nice. The sea is rough or rather rough on many sections of our coasts.

During yesterday temperature rose to 67° at Margate and 66° at Dungeness and in London, but only to 55° at Sumburgh Head and 53° at Stornoway. Bright sunshine was very deficient, none in many places, 5·5 hours at Aberdeen.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The northern depression will continue to travel away and the conditions will undergo some improvement, but only temporarily, as the wind in Ireland is showing indications of backing again, and it seems probable, therefore, that another disturbance, of a secondary nature, will shortly appear in the west.

FORECASTS*

For the 24 hours ending at NOON on 10TH September, 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW.ly to N.ly breezes, moderate; changeable, fair to unsettled, some showers. Cool.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	NW.ly to W.ly breezes, strong, moderating; squally, changeable, fair to unsettled, showers.
4	MIDLAND COUNTIES	
5 ▼	ENGLAND SOUTH	
6	SCOTLAND WEST	NW.ly to SW.ly winds, strong, moderating; squally, changeable, showery to fair.
7 ▼	ENGLAND N.W.	
8 ▼	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	During yesterday afternoon or evening to districts 5, 7 and 8. "Hoist South Cone."

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	8c	*	66	59	c, o	2·9	0·06
Bath	30·01	62	SW	4	o	29·77	−·39	59	55	o	SW	4	8c	*	65	58	–	1·0	0·19

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	°	°				Broadstairs...	*	*	*	3·4	*
Rhyl, to 6 p.m....	*	*	*	0·0	*	Margate	67	52	c	3·5	–
Llandudno...	*	*	*	0·0	*	Lowestoft, to 6 p.m. ...	64	52	8c, o	0·9	–
Aberystwyth, to 6 p.m. ...	61	58	or	0·0	0·13	Skegness	*	*	*	0·0	*
Plymouth, to 9 p.m.... ...	62	58	09	0·0	–	Scarborough, to 6 p.m. ...	65	*	*	1·4	*
Worthing	*	*	*	1·0	*	Harrogate, to 6 p.m. ...	58	51	c, or	0·1	0·14
Brighton	64	*	*	1·6	*	Manchester, to 9 p.m. ...	60	51	cu, r	0·0	0·41
Eastbourne, to 6 p.m. ...	64	*	*	2·0	*	Darwen, to 9 p.m.	57	50	8c, or	0·3	0·87
Hastings	*	*	*	1·9	*	Birmingham, to 9 p.m. ...	61	53	o, d, o	0·0	0·02

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

STATIONS. 8th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. — Ins.	STATIONS. 7th Sept. 1903.	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. — Ins. Measured 7 a.m.
Marseilles	82	57	8c, 8c	–					
Utrecht...	68	50	8c, c	–	Geneva	77	*	8	–
Copenhagen	61	50	o, o	0·12	Berne	75	*	8	–
Prague	82	59	8, o	–	Lucerne	79	*	8	–
Vienna	82	57	8, 8	–	Coire	79	*	8	–
Buda-Pesth	84	63	8, 8	–	Castasegna	73	*	8	–
St. Petersburg	73	46	8, o	0·04	Lugano	82	*	8	–
Rome	89	64	8, 8	–					
Malta	83	70	c	–					
Madeira (Funchal)	Not received.								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
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TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

9th Sept., 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.17	11.50	6.23
Greenwich	5.26	11.57	6.28
Wick	5.30	12.9	6.48
Valencia	6.6	12.38	7.10

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Friday, 11th. September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	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. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.00	47	E	2	0	28.94	-.19	48	46	0	NE	2	0	*	52	45	-	*	0.43
	Hernösand ...	28.82	49	NE	4	r	28.94	+.14	50	47	- 3	N	0	0	*	55	48	-	*	0.28
	Stockholm ...	28.93	50	SW	6	0	29.07	+.34	50	47	+ 2	W	4	c	*	55	46	-	*	0.16
	Wisby	29.20	51	W	3	0	29.23	+.24	48	46	- 3	W	6	8c	*	55	48	-	*	-
	Karlstad	29.08	49	NW	4	0	29.12	+.39	47	43	- 2	W	2	8c	*	*	*	0,r	*	0.08
	Færder (X'iania Fjord)	29.16	54	NW	5	8c	29.12	+.22	50	46	- 2	SW	1	8	3	55	48	-	*	-
	Bodö	29.10	51	ENE	2	8c	29.45	+.23	46	42	- 4	ENE	2	8c	1	55	41	-	*	-
	Christiansund ...	29.17	50	NW	5	0	29.10	-.02	47	46	+ 2	WSW	4	r	4	52	45	-	*	1.38
	Skudesnaes ...	29.31	47	W	4	0	29.17	-.17	44	43	- 2	N	0	c	3	50	41	c,o	*	*
BRITISH ISLANDS.	Sumburgh Head	29.27	48	W	2	8c	29.21	-.16	47	45	+ 1	N	3	8	4	51	42	p,8c	*	0.38
	Stornoway ...	29.42	49	N	3	c	29.40	-.24	45	44	- 1	N	3	0	3	57	42	p,c	?	0.12
	Malin Head ...	29.38	46	NE	4	r	29.49	-.28	50	48	+ 1	N	6	8c	6	51	45	gp	*	0.52
	Blacksod Pt. ...	29.48	50	N	6	cgmp	29.65	-.12	51	49	0	NW	4	8p	4	53	47	rm,cgp	*	1.38
	Valencia	29.59	52	WNW	8	c	29.76	-.16	52	48	- 1	WNW	6	8cgp	6	60	50	om,cg	0.1	0.45
	Roche's Point ...																		*	
	Parsonstown ...	29.28	45	WSW	7	r	29.64	-.28	49	47	0	SW	3	8	*	57	44	org,r	0.0	0.90
	Donaghadee ...	29.26	47	ESE	5	r	29.49	-.37	48	48	0	NW	3	cp	3	49	45	-	*	0.86
	Liverpool Obsy.	29.08	47	ESE	6	r	29.44	-.47	50	47	- 1	NNW	2	r	4	55	44	r	*	0.85
	Holyhead ...	28.89	56	S	7	rgf	29.48	-.45	52	50	0	NW	7	c	6	56	47	rgf	*	1.56
	Pembroke (St. Ann's)	28.94	55	WSW	9	r	29.56	-.44	52	49	- 3	NW	6	cg	6	60	45	rg	0.8	0.72
	Scilly (St. Mary's)...	29.51	59	WNW	1	0	29.69	-.46	55	53	- 1	WNW	7	c	6	60	52	0	0.3	0.08
	Jersey (St. Aubins)...	29.72	59	SW	7	0	29.64	-.55	55	51	- 2	WNW	7	c	6	62	54	cg,ug,r	2.5	0.09
	Portland Bill ...	29.42	55	SW	1	8	29.52	-.57	54	49	- 1	NW	7	c	6	58	49	-	*	0.10
	Dungeness ...	29.60	59	WSW	5	og	29.34	-.70	49	47	- 6	NW	6	c	5	62	?41	ou,org	5.4	0.26
	Wick	29.35	49	NW	3	8c	29.29	-.22	48	46	+ 3	N	4	c	2	54	39	-	*	0.05
	Nairn	29.39	47	N	0	r	29.35	-.27	45	44	- 3	W	1	c	1	58	41	-	*	0.12
	Aberdeen ...	29.37	50	E	1	0	29.30	-.33	46	43	- 3	WNW	5	8v	2	56	41	c,o	5.0	-
	Leith	29.37	47	NE	1	r	29.37	-.35	46	43	- 4	WSW	2	8c	*	54	41	-	*	0.24
	North Shields ...	29.38	48	SE	2	r	29.35	-.42	48	44	- 5	NW	3	c	3	56	44	o,r	*	0.35
	Spurn Head ...	29.49	49	SSE	5	r	29.13	-.71	50	48	- 2	NNW	6	c	5	57	46	r,g	*	1.40
	Yarmouth ...	29.56	53	SSW	5	r	29.07	-.81	50	48	- 1	NNW	7	org	6	58	47	8c,r	*	1.25
	Nottingham ...	29.36	48	SSE	3	r	29.37	-.56	47	44	- 2	NW	4	8	*	56	45	-	3.2	0.82
	Oxford	29.04	54	S	7	r	29.46	-.57	49	46	- 3	WNW	4	8	*	57	44	o,r	*	0.41
	London (Brixton)...	29.46	52	SW	5	ogqr	29.41	-.60	49	45	- 3	WNW	6	c	*	60	45	o,org	3.4	0.39
GERMANY, &c.	The Scaw (Skagen)	29.26	51	NW	5	8	29.15	+.11	49	47	- 1	WSW	3	c	1	55	46	-	*	0.04
	Fanö	29.46	50	W	4	c	29.13	-.35	48	46	- 4	ESE	4	0	*	55	46	-	*	0.12
	Cuxhaven ...	29.65	51	W	5	r	29.00	-.63	48	47	- 5	SE	5	0	*	55	46		*	0.35
	The Helder ...																		*	
	Brussels	*	†	*	*	*									*				*	
	Berlin	29.74	50	WSW	2	8c	29.25	-.45	50	48	- 3	SSE	3	0	*	59	46	-	*	0.24
	Frankfürt ...	29.79	55	SW	3	8	29.21	-.76	56	51	+ 4	SW	6	c	*	63	50	-	*	0.08
	Munich	29.97	53	SW	3	8	29.52	-.53	53	48	+ 5	W	5	0	*	61	45	-	*	-
FRANCE.	C. Gris Nez ...	29.58	57	SSW	7	0	29.21	-.84	51	48	- 3	W	9	0	9	63	48	-	*	0.24
	Brest	29.78	59	SW	7	0	29.76	-.48	56	51	0	NW	4	8c	5	61	52	-	*	-
	Lorient	29.85	59	W	6	0	29.80	-.41	56	54	+ 2	NW	6	c	5	66	54	-	*	0.04
	Rochefort ...	30.00	62	SW	4	8c	29.80	-.42	61	56	+ 5	WNW	6	c	*	68	54	-	*	0.04
	Biarritz	30.25	68	W	1	8	29.93	-.33	62	62	- 4	WSW	5	r	3	70	59	-	*	0.08
	Paris	29.85	57	SSW	3	8c	29.50	-.66	53	48	+ 3	WSW	5	0	*	65	?	-	*	0.04
	Belfort	29.93	51	WSW	4	c	29.53	-.58	55	49	+ 5	WSW	8	0	*	64	50	-	*	-
	Lyons	30.02	58	N	2	8	29.76	-.42	54	52	- 3	SSW	2	0	*	66	47	-	*	-
	Nice	29.78	70	N	0	c	29.62	-.21	63	56	- 5	E	3	8	1	81	59	-	*	-
	Perpignan ...	29.99	70	W	3	c	29.86	-.24	65	58	- 5	W	3	8	*	78	55	-	*	-
SPAN. PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)																		*	
	,, (Horta) ...	30.53	69	NNE	3	8	30.49	-.05	70	66	+ 6	NNE	1	0	1	75	64	-	*	-

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea*

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

WEATHER CHARTS

FOR FRIDAY, 11TH SEPTEMBER, 1903.

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

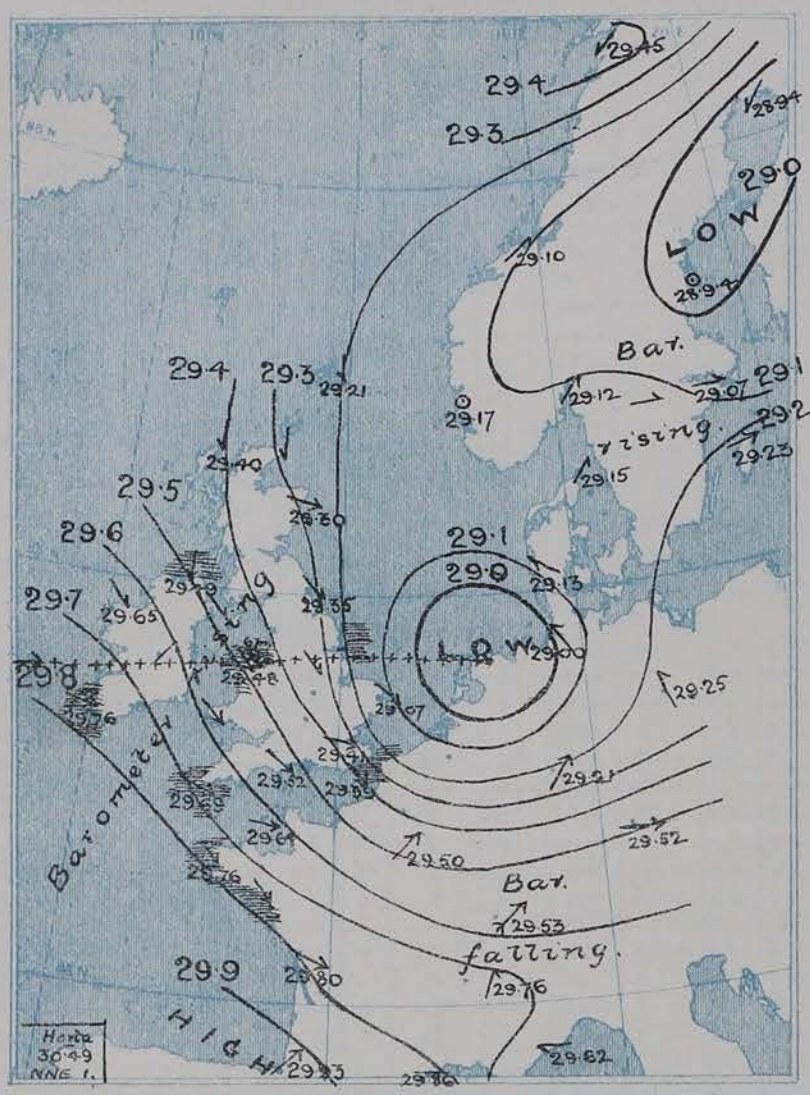
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶

SEA.—Rough ▒ *High* ▓

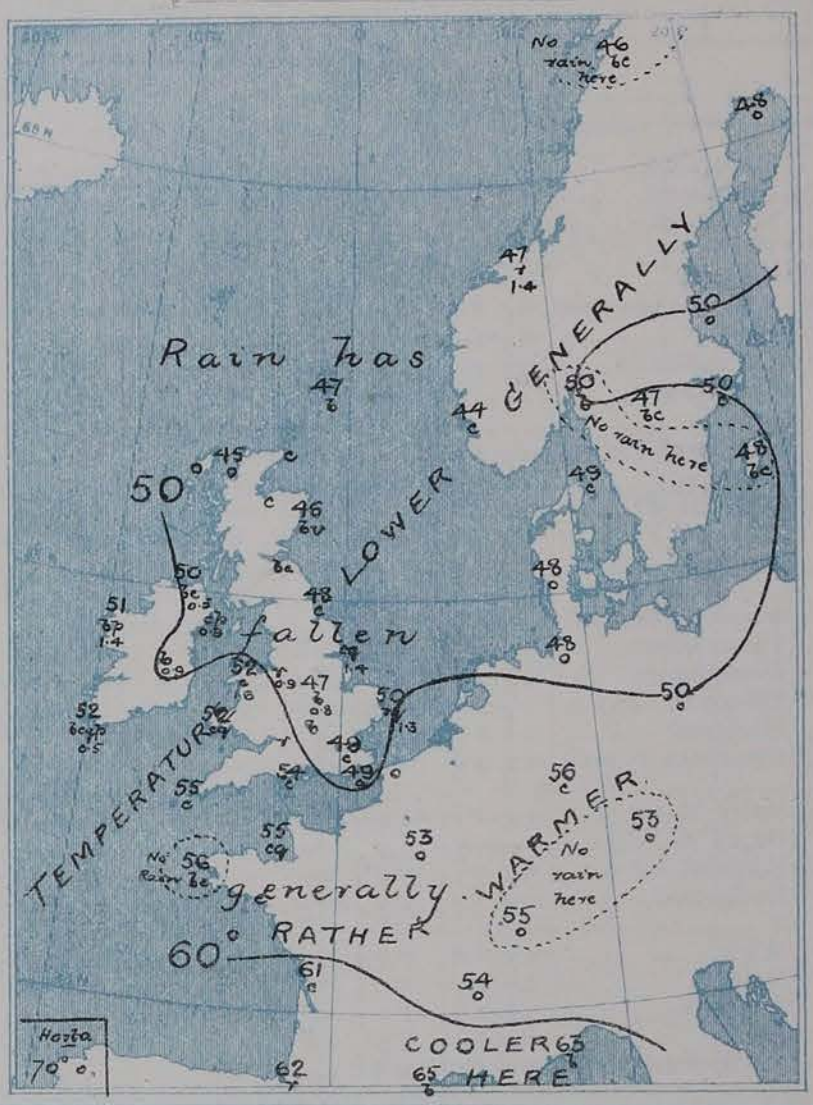


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

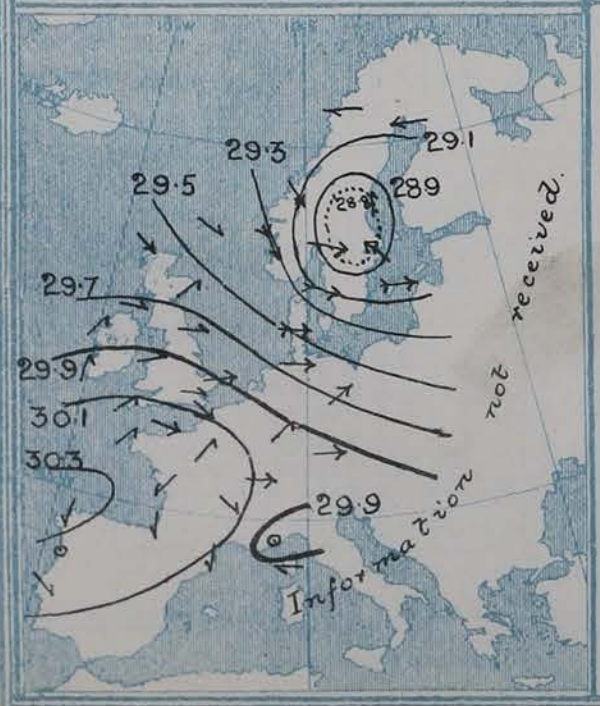
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

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



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

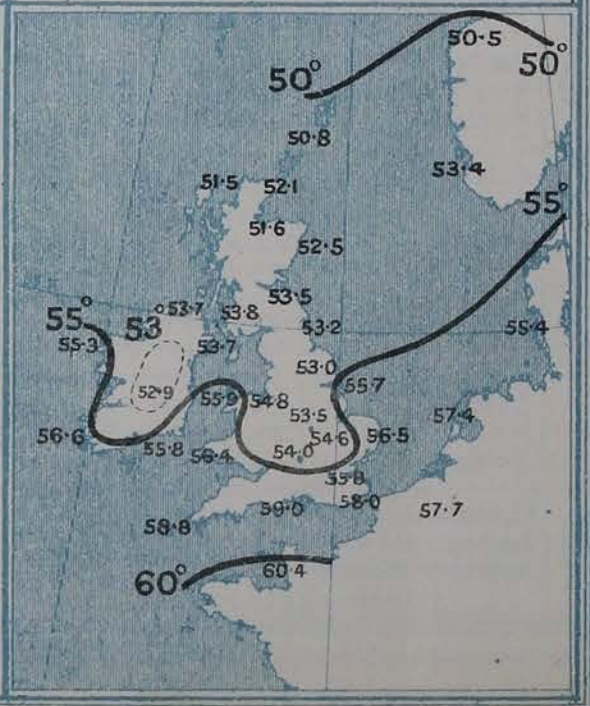
During the 32 Years 1871-1902.

Specimen (for London) { *Greatest Rainfall* 5·31 (IN 1896); *Least ... Do ...* 0·31 (IN 1898)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

SEPTEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The disturbance of yesterday morning has passed on to Sweden and has become much deeper, the barometer at the centre being down to about 28·7 ins. In its rear pressure has increased decidedly over our Islands, the anticyclone having again spread northward across the Bay of Biscay. At our western stations, however, a new and rapid fall of the barometer has set in and is spreading eastward, another disturbance being indicated at some distance out on the Atlantic.

WIND TEMPERATURE WEATHER AND SEA

Moderate NW^{by}W winds are reported over the north of Scotland; W^{by}N winds varying greatly in force over the rest of Britain, from a light breeze in places to a moderate gale at Spurn Head; and in Ireland there is a decided backing from W to S, a fresh breeze at Malin Head, a light breeze at other stations. Round the Scandinavian low pressure system there is a well-defined cyclonic circulation, gale force being experienced as far as the Dutch coast. Over Britain the weather is fair to fine and clear, but in Ireland it has become dull and unsettled, with misty gloom and rain on the west coast. On the Continent the conditions are variable, rain falling in Denmark and locally in Sweden. Temperature has decreased nearly everywhere, both at home and abroad, the present readings ranging from 45° at Wick and 46° at Stornoway and Sumburgh Head to 56° at Scilly and 57° at Jersey, and on the Continent from 45° at Christiansund to 68° at Nice and 70° at Perpignan. The sea is rather rough off the Shetlands, Malin Head and Pembroke, moderate to smooth elsewhere.

Temperature rose yesterday to 70° at Dungeness and to 68° at Brighton, but only to 53° at Wick and 50° at Sumburgh Head. Rhyl had one hour of bright sunshine, all other stations exceeded 5 hours, Nottingham registering 9·7 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the barometer has risen considerably in the rear of the deep depression of yesterday, a new disturbance is already approaching Ireland and pressure is giving way rapidly at the western stations. Changeable, unsettled and windy weather is therefore probable for the present.

FORECASTS*

For the 24 hours ending at NOON on 11TH September, 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W^{by} breezes, moderate to strong, backing SW^{by}; very changeable, fair to unsettled, showery to rainy.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos 0 to 5.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	W^{by} to S^{by} winds, light to moderate, increasing to a gale; unsettled, rainy, squally.
10	IRELAND SOUTH	
	WARNINGS	At 10.0 a.m. this morning to districts 9 & 10 "Hoist South Cone."

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins	Temp. °	Wind Direc^{n}	Wind Force	Weather	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	8c	*	64	46	8c	7·8	0·01
Bath	29.90	56	W	6	8	30·05	+·28	53	50	- 6	W	1	8	*	63	48	–	8·0	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	58	50	or, cp, c	7·3	0·68	Broadstairs...	*	*	*	8·0	*
Rhyl, to 6 p.m....	*	*	*	1·0	*	Margate	66	58	c, 8, r	8·0	0·05
Llandudno...	*	*	*	5·9	*	Lowestoft, to 6 p.m. ...	62	52	or, 8c, c	9.1	0·21
Aberystwyth, to 6 p.m. ...	58	52	c, o	5·5	0·25	Skegness	*	*	*	9·5	*
Plymouth, to 9 p.m.... ...	61	53	8c, p	7·9	0·13	Scarborough, to 6 p.m. ...	60	*	*	7·5	*
Worthing	*	*	*	8·9	*	Harrogate, to 6 p.m. ...	58	46	or, 8c, r	7·3	0·85
Brighton	68	*	*	8·3	*	Manchester, to 9 p.m. ...					
Eastbourne, to 6 p.m. ...	67	*	*	8·1	*	Darwen, to 9 p.m.	58	45	or, o22, ou	6·1	1·57
Hastings	*	*	*		*	Birmingham, to 9 p.m. ...	59	48	r, 8, p, 8	8·8	0·53

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

STATIONS. 9th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS. 8th Sept. 1903.	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. Ins. Measured 7 a.m.
Marseilles	84	55	8, 8	–	Geneva	72	*	c	–
Utrecht...	61	57	o, r	0·20	Berne	66	*	f	–
Copenhagen	61	55	o, r	0·55	Lucerne	63	*	r	0·28
Prague	82	61	o, o	–	Coire	70	*	8c	–
Vienna	79	61	8, 8	–	Castasegna	75	*	8	–
Buda-Pesth	82	61	8, 8	–	Lugano	84	*	8	–
St. Petersburg	73	50	8c, o	–					
Rome	89	64	8, 8	–					
Malta	81	72	8c	–					
Madeira (Funchal)	Not	received.							

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

10th Sept. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.19	11.50	6.21
Greenwich	5.28	11.57	6.26
Wick	5.32	12.9	6.46
Valencia	6.8	12.38	7.8

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† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 12th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	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. Hours.	Rainfall. Ins.
Scandinavia.	Haparanda ...	28·98	49	NE	4	r	29·17	+·23	45	44	− 3	NNW	2	o	o	52	45	–	*	0·24
	Hernösand ...	29·14	47	N	0	b	29·25	+·31	47	46	− 3	N	0	o	*	57	46	–	*	–
	Stockholm ...	29·14	48	S	2	o	29·22	+·15	46	46	− 4	N	0	f	*	57	46	–	*	0·04
	Wisby	29·12	46	N	o	bc	29·25	+·02	48	46	o	N	o	b	*	52	45	–	*	–
	Karlstad	29·15	49	N	2	bc	29·26	+·14	48	47	+ 1	NW	2	bc	*	*	*	bc,r	*	0·04
	Færder (X'iania Fjord)	29·15	51	WSW	1	b	29·26	+·18	50	48	o	NNE	2	c	1	54	50	–	*	–
	Bodö	29·12	50	ENE	2	b	29·22	−·23	46	44	o	W	1	b	1	52	44	–	*	–
	Christiansund ...	29·21	47	W	2	o	29·31	+·21	48	46	+ 1	W	1	o	2	48	45	–	*	1·46
	Skudesnaes ...	28·80	50	NNW	2	c	29·27	+·10	47	46	+ 3	NE	2	c	3	54	43	c	*	*
British Islands.	Sumburgh Head	29·30	46	N	3	r	29·38	+·17	46	44	− 1	N	4	op	5	51	44	o,r	*	0·19
	Stornoway ...	29·50	49	N	6	o	29·61	+·21	44	42	− 1	NNW	4	o	4	56	41	op,o	8·1	0·20
	Malin Head ...	29·55	51	NW	7	bcqp	29·65	+·16	49	45	− 1	N	6	cp	5	52	45	bc,qp	*	0·13
	Blacksod Pt. ...	29·71	52	NNW	4	bc	29·80	+·15	51	47	o	NNW	4	cp	4	56	47	bcp,bc	*	0·18
	Valencia	29·77	53	NW	4	bcp	29·85	+·09	51	47	− 1	NNW	4	c	4	57	46	bc,bcp	8·6	0·07
	Roche's Point ...	29·69	54	NNW	3	bc	†29·79	+·10	50	47	− 1	NNW	3	b	2	57	45	bc	*	0·03
	Parsonstown ...	29·66	51	NW	2	b	29·78	+·14	46	45	− 3	WNW	2	b	*	56	42	rhp,b	9·0	0·08
	Donaghadee ...	29·54	51	NNW	4	bc	29·66	+·17	50	48	+ 2	NNW	3	op	3	54	45	–	*	0·14
	Liverpool Obsy.	29·52	50	WNW	5	bc	29·59	+·15	51	47	+ 1	N	2	bc	4	55	48	p,bc	*	0·12
	Holyhead ...	29·56	51	WNW	6	bcghp	29·63	+·15	53	50	+ 1	NW	6	cqp	5	56	48	bcghp	*	0·12
	Pembroke (St. Ann's)	29·62	55	WNW	5	bc	29·69	+·13	51	50	− 1	NW	5	cq	5	57	49	bc,rhl	8·2	0·14
	Scilly (St. Mary's)...	29·70	56	NW	5	c	29·73	+·04	54	52	− 1	NNW	5	cp	4	60	51	c	10·0	0·02
	Jersey (St. Aubins)...	29·68	57	W	5	c	29·71	+·07	54	50	− 1	WNW	4	bc	3	61	49	c,gp	7·8	0·06
	Portland Bill ...	29·61	55	NW	5	bc	29·67	+·15	52	48	− 2	NW	4	b	3	58	50	c,bc	*	0·01
	Dungeness ...	29·53	55	W	4	bcq	29·61	+·27	52	49	+ 3	NW	1	b	1	63	39	bc,bq,l	7·7	–
	Wick	29·36	48	N	4	c	29·49	+·20	48	46	o	N	3	c	2	54	43	–	*	0·18
	Nairn	29·29	48	NW	3	c	29·55	+·20	45	44	o	NNW	2	c	2	54	43	–	*	0·20
	Aberdeen ...	29·37	45	W	2	cp	29·49	+·19	46	45	o	NW	3	b	2	53	45	hb,p,b	8·0	0·11
	Leith	29·41	49	WNW	1	c	29·54	+·17	51	46	+ 5	WSW	1	b	*	59	45	rhp,c	*	0·19
	North Shields ...	29·42	48	NW	2	bc	29·51	+·16	49	46	+ 1	WNW	3	c	3	55	42	c,bc,r	*	0·03
France. Germany. &c.	Spurn Head ...	29·43	52	W	4	bc	29·48	+·35	48	46	− 2	NNW	5	bc	3	57	46	–	*	–
	Yarmouth ...	29·45	54	WNW	3	bc	29·50	+·43	47	44	− 3	WNW	4	b	3	55	39	bc	*	0·03
	Nottingham ...	29·49	53	WNW	3	b	29·54	+·17	46	45	− 1	W	1	c	*	58	42	–	8·4	–
	Oxford	29·59	47	W	1	b	29·62	+·16	47	45	− 2	W	2	b	*	58	40	p,b,l	*	0·01
	London (Brixton)...	29·54	52	WNW	2	b	29·60	+·19	48	45	− 1	W	1	bw	*	60	39	bc,b,l	7·8	–
	The Scaw (Skagen)	29·18	49	W	1	b	29·27	+·12	49	49	o	W	1	bc	o	55	45	–	*	–
	Fanö	29·29	47	W	2	o	29·37	+·24	51	48	+ 3	W	2	c	*	54	45	–	*	0·24
	Cuxhaven ...	29·19	53	N	4	o	29·46	+·46	49	48	+ 1	SW	4	b	*	54	48	b,r	*	0·32
	The Helder ...	29·40	53	NW	5	o	29·46	+·67	55	50	+ 1	WNW	2	bc	2	59	48	–	*	0·35
	Brussels	*	*	*	*	*	29·62	+·58	48	47	+ 2	SW	2	bc	*	55	44	–	*	0·55
	Berlin	29·16	50	SW	4	r	29·57	+·32	50	49	o	W	4	c	*	55	48	–	*	0·32
	Frankfürt ...	29·62	50	SW	2	b	29·66	+·45	50	48	− 6	S	1	o	*	59	43	–	*	–
	Munich	29·68	53	SW	4	bc	29·76	+·24	50	46	− 3	SW	4	o	*	61	46	–	*	–
	C. Gris Nez ...	29·55	54	SW	5	c	29·58	+·37	51	48	o	W	4	b	4	59	48	–	*	–
	Brest	29·75	56	NW	3	c	29·76	·00	48	47	− 8	N	3	c	3	61	48	–	*	0·04
	Lorient	29·77	57	NW	5	c	29·70	−·10	53	50	− 3	NW	3	bc	4	63	50	–	*	–
	Rochefort ...	29·80	61	SW	6	o	29·76	−·04	55	54	− 6	SE	1	b	*	63	52	o	*	0·24
	Biarritz																		*	
	Paris	29·67	55	WSW	2	bc	29·69	+·19	50	45	− 3	SSW	2	b	*	62	45	–	*	0·16
	Belfort	29·69	50	WSW	5	r	29·71	+·18	46	46	− 9	SW	4	r	*	?60	45	–	*	2·01
	Lyons	29·79	57	NNW	1	c	29·79	+·03	55	50	+ 1	E	1	b	*	65	50	–	*	0·04
	Nice	29·50	73	WSW	7	bc	29·59	−·03	60	48	− 3	WSW	6	b	6	82	59	–	*	?
	Perpignan ...	29·80	66	W	3	o	29·78	−·08	62	56	− 3	W	2	o	*	84	59	–	*	–
Span. Pen.	Corunna																		*	
	Lisbon	29·93	62	N	4	b	29·88	−·10	62	53	− 6	NNW	6	b	*	75	59	–	*	–
	Azores (P. Delgada)	30·34	69	NNE	6	b	30·30	−·9	68	66	− 2	NE	4	r	3	75	66	–	*	–
	„ (Horta) ...	30·44	71	NE	4	o	30·37	−·12	69	66	− 1	NNE	3	c	2	77	68	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

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

WEATHER CHARTS

FOR SATURDAY, 12th SEPTEMBER, 1903.

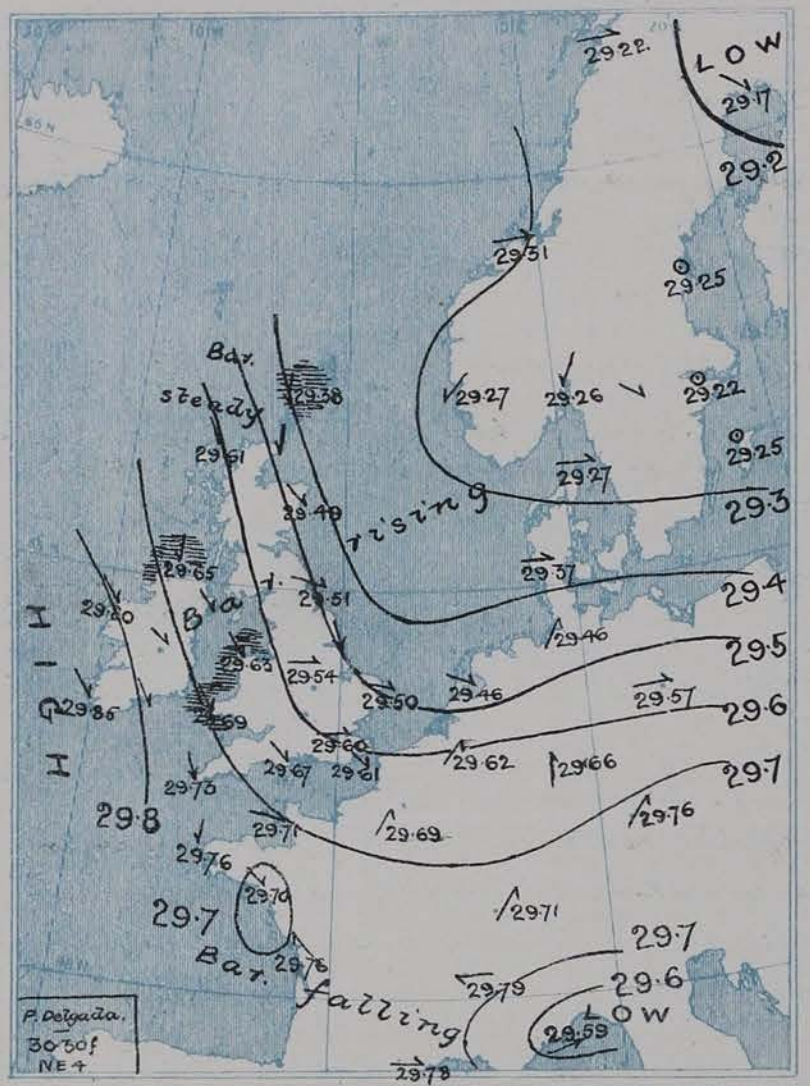
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

Force above 10 ⇒ *Force 5 to 7* ⟶ *Force 8 to 10* ⇒ *Force 1 to 4* ⟶ Calm ⊙

SEA.—Rough *High*

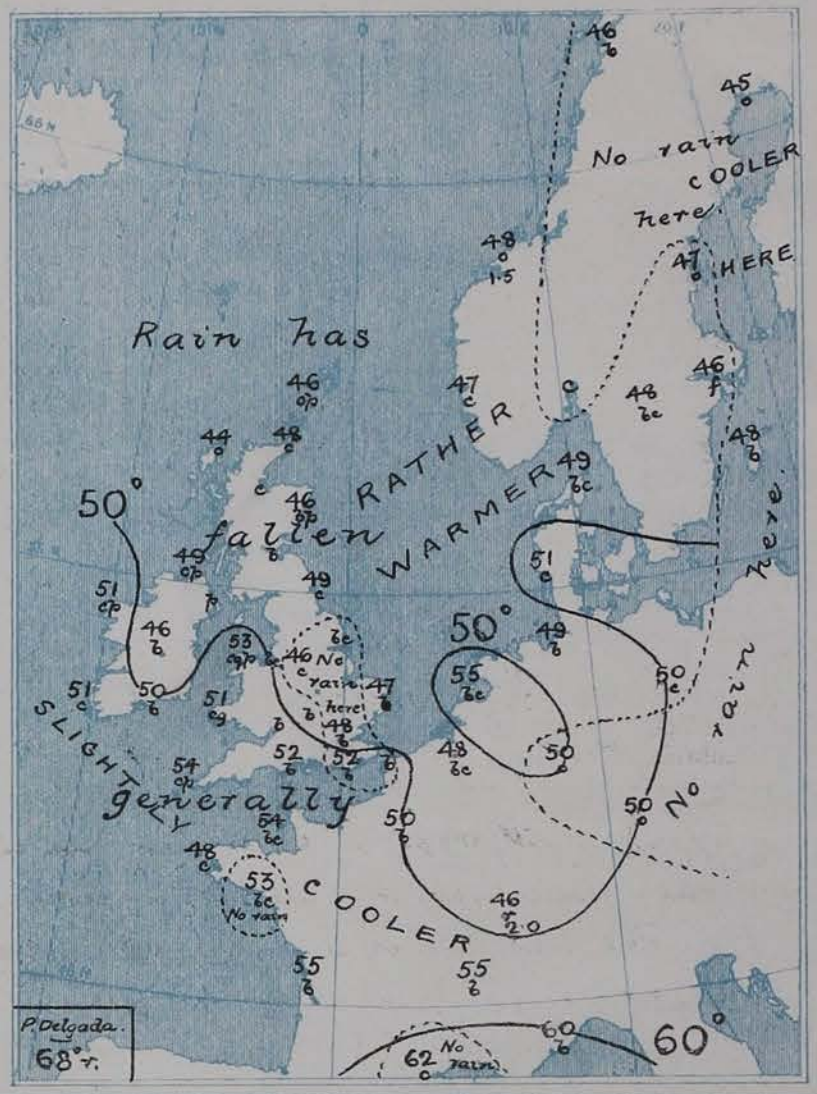


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°

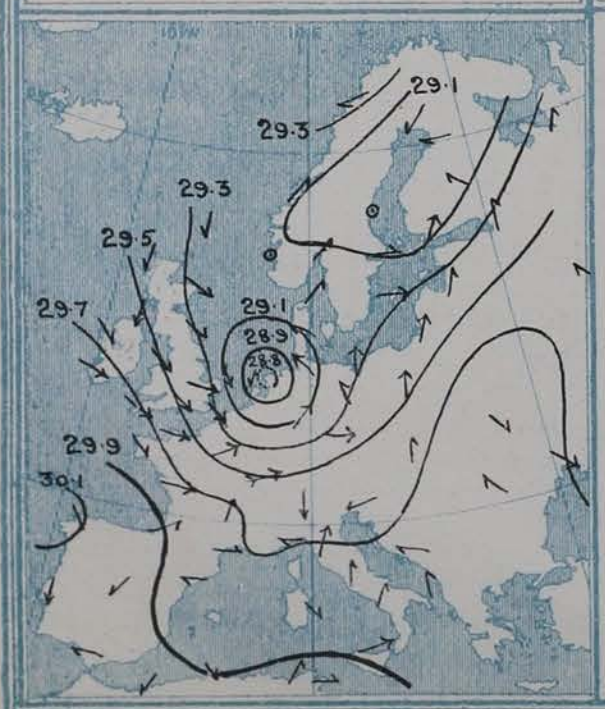
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

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



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

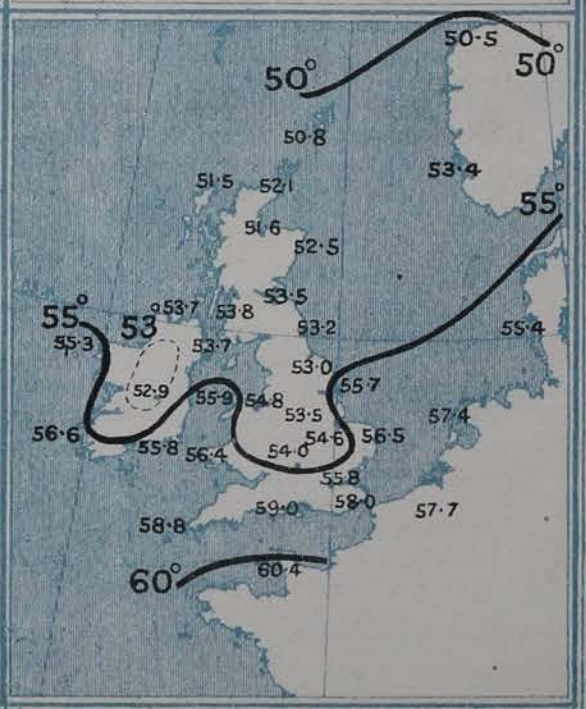
During the 32 Years 1871-1902.

Specimen (for LONDON) {*Greatest Rainfall* 5·31 (IN 1896); *Least ... Do ...* 0·31 (IN 1898)}

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

SEPTEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The disturbance indicated out on the Atlantic yesterday morning has proved to be a very deep cyclonic system, in which the barometer has fallen at an unusually rapid rate of more than 0·1 inch per hour, the central readings being below 28·8 ins. Its centre has moved steadily eastward across Ireland, Wales and our Midland counties, and, so far as can be estimated from the information at present available, is now on the north coast of Holland. On the Gulf of Bothnia there is another depression with equally low pressure. A brisk rise of the barometer has taken place over our Islands, but on the Irish coast the rise is now checked.

WIND

TEMPERATURE

WEATHER

AND

SEA

N^{by} to W^{by} winds are reported round our coasts but varying greatly in force, from light breezes in several localities to fresh or strong breezes in others, a moderate gale at Holyhead, Portland, Yarmouth and Scilly. On the French side of the Channel a strong gale is still blowing. The Scandinavian disturbance is not attended by much wind, the gales having died down. Some improvement in the weather has taken place in most parts of Britain, but at the western stations the appearance is again unsettled, with squalls and showers. The heaviest rainfalls during the passage of the storm were 1·3 inch at Yarmouth, 1·4 in. at Darwen and Spurn Head, and 1·6 inch at Holyhead and Southport. Very variable weather prevails over the Continental regions. There has been a further general decrease of temperature, the present readings ranging from 45° at Nairn & Stornoway, and 46° at Aberdeen and Leith to 54° at Portland Bill & 55° at Scilly; on the Continent from 44° at Skudesnaes to 62° at Biarritz, 63° at Nice and 65° at Perpignan. The sea is rough or rather rough on several sections of our own and the French coasts, very high off Gris Nez.

Temperature rose to 64° at Brighton and 62° at Dungeness, against 51° at Malin Head and Sumburgh Head. Bright sunshine exceeded 5 hours only at the eastern stations, 5·7 hrs. at Broadstairs and Blacton; several localities had none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the barometer has risen somewhat decidedly in the rear of last night's deep cyclonic system, the conditions remain of a generally unsettled character, the rise having slackened considerably in the far west. It is probable therefore, that a new disturbance will shortly appear in the neighbourhood of Ireland, and will affect most parts of our Islands.

FORECASTS*

For the 24 hours ending at NOON on 12th September. 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	N^{by} to NW^{by} breezes, light to fresh; fair to unsettled, some showers.	6 SCOTLAND WEST	Same as Nos. 0 to 2.
1 SCOTLAND EAST		7 ENGLAND N.W.	Same as Nos. 3 to 5.
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST	Strong, moderating NW^{by} winds, backing later; changeable, fair to unsettled, some rain.	9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	During yesterday the North Cone was hoisted in the east of Scotland, and the South Cone on all other coasts.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	o	*	60	46	b, or	5.7	0.26
Bath	29.29	53	W	9	r	29.51	-.54	52	48	-1	W	4	r	*	58	49	–	0.0	0.34

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	55	44	o, c, or	2.0	1.56	Broadstairs...	*	*	*	5.7	*
Rhyl, to 6 p.m.	*	*	*		*	Margate	59	*	*	5.3	*
Llandudno	*	*	*	0.0	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	56	50	c, o	0.0	0.17	Skegness	*	*	*		*
Plymouth, to 9 p.m.... ...	59	42	bc, op	1.1	0.06	Scarborough, to 6 p.m. ...	58	*	*	5.1	*
Worthing	*	*	*	2.1	*	Harrogate, to 6 p.m. ...	53	43	bc, or	2.2	0.39
Brighton	64	*	*	1.9	*	Manchester, to 9 p.m. ...	57	46	p, bc, our	2.0	0.77
Eastbourne, to 6 p.m. ...	59	*	*	4.2	*	Darwen, to 9 p.m.	54	42	or, c, rq	2.3	1.37
Hastings	*	*	*	4.7	*	Birmingham, to 9 p.m. ...	54	45	c, r, o	2.5	0.37

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

STATIONS. 10th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. — Ins.	STATIONS.	Temperature, F. Dry.	Temperature, F. Wet.	Weather.	Rain. — Ins.
	Information	not received.			9th Sept. 1903	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles					Geneva	73	*	b	–
Utrecht...					Berne	72	*	bc	–
Copenhagen					Lucerne	70	*	bc	–
Prague					Coire	72	*	b	–
Vienna					Castasegna	73	*	b	–
Buda-Pesth					Lugano	79	*	b	–
St. Petersburg									
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER,—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

11th Sept. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.22	11.50	6.18
Greenwich	5.30	11.57	6.24
Wick	5.35	12.9	6.43
Valencia	6.10	12.38	7.6.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Sunday 13TH September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	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. Hours	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.39	47	Z	0	0	29.56	+.39	45	44	0	NW	2	0	*	52	45	–	*	0.04
	Hernösand ...	29.44	49	Z	0	0	29.61	+.36	47	43	0	Z	0	bc	*	55	41	–	*	–
	Stockholm ...	29.49	50	W	2	0	29.71	+.49	49	47	+3	Z	0	b	*	55	41	–	*	0.04
	Wisby	29.56	49	SW	4	b	29.76	+.51	51	48	+3	Z	0	b	*	55	45	–	*	–
	Karlstad	29.49	50	Z	0	bc	29.69	+.43	46	45	-2	Z	0	0	*	*	*	–	*	–
	Færder (X'iania Fjord)	29.43	53	WSW	2	bc	29.63	+.37	49	47	-1	WNW	1	b	1	57	48	–	*	–
	Bodö	29.42	47	N	2	c	29.61	+.39	45	43	-1	WNW	2	0	1	50	41	–	*	–
	Christiansund ...	29.50	50	E	1	bc	29.67	+.36	46	44	-2	S	1	bc	1	52	45	–	*	–
	Skudesnaes ...	29.40	51	2	0	c	29.62	+.35	48	47	+1	Z	0	c	2	55	46	m,c	*	*
BRITISH ISLANDS.	Sumburgh Head	29.47	48	N	4	c	29.75	+.37	47	44	+1	N	4	c	5	53	45	0,c	*	0.07
	Stornoway ...	29.63	46	N	3	0	29.90	+.29	44	41	0	N	4	0	4	55	41	p,0	5.9	0.12
	Malin Head ...	29.63	47	WNW	5	pm	29.88	+.23	50	46	+1	N	7	b	5	52	44	c,pm	*	0.13
	Blacksod Pt. ...	29.70	48	NW	3	cp	29.97	+.17	52	48	+1	N	6	bcqp	5	54	46	cp	*	0.17
	Valencia	29.80	51	WSW	5	0	29.91	+.06	49	45	-2	N	6	cq	5	56	45	bc,0	5.8	0.20
	Roche's Point ...	29.78	54	NW	3	op	29.83	+.04	48	45	-2	N	2	b	2	57	44	c,op	*	0.40
	Parsonstown ...	29.72	50	SW	2	0	29.89	+.11	44	42	-2	NW	2	bc	*	55	40	0,r	3.9	0.03
	Donaghadee ...	29.65	49	WNW	2	c	29.84	+.18	50	47	0	NNE	3	b	3	54	42	thp,c	*	0.33
	Liverpool Obsy.	29.64	50	WNW	4	c	29.78	+.19	46	45	+5	S	1	bc	1	55	43	bc,p,c	*	0.62
	Holyhead ...	29.66	50	NW	6	cpq	29.77	+.14	50	47	-3	E	1	bcp	1	55	44	c,cpq	*	0.16
	Pembroke (St. Ann's)	29.74	50	N	4	c	29.70	+.01	47	46	-4	ENE	4	bc	4	55	44	thp,c	4.8	0.37
	Scilly (St. Mary's)...	29.81	55	WNW	4	c	29.63	-.10	53	49	-1	ESE	4	†	3	58	48	c	10.7	0.32
	Jersey (St. Aubins)...	29.78	58	W	4	bc	29.73	+.02	49	48	-5	W	3	rm	3	61	48	bc,t,p	10.0	0.76
	Portland Bill ...	29.72	54	NW	4	c	29.71	+.04	52	48	0	NE	1	bc	2	58	48	c	*	0.03
	Dungeness ...	29.65	55	NW	3	bcp	29.75	+.14	48	47	-4	NW	2	c	1	61	43	bcp,t	9.2	0.01
	Wick	29.54	47	N	4	0	29.78	+.29	47	46	-1	N	5	0	3	51	41	–	*	0.25
	Nairn	29.58	47	NE	2	0	29.84	+.29	49	46	+4	N	3	c	2	52	42	–	*	0.06
	Aberdeen ...	29.54	45	NW	3	0	29.76	+.27	50	47	+4	NNW	3	b	3	54	43	bc,0	7.7	0.08
	Leith	29.56	49	W	1	c	29.81	+.27	48	45	-3	WNW	1	0	*	61	41	c,p	*	0.01
	North Shields ...	29.58	45	N	2	†	29.75	+.24	44	42	-5	W	2	c	3	54	39	c,tlr,r	*	0.33
GERMANY, &c.	Spurn Head ...	29.65	51	SSE	1	bc	29.72	+.24	47	46	-1	NW	2	b	2	55	42	–	*	0.09
	Yarmouth ...	29.61	53	WNW	3	bc	29.72	+.22	47	45	0	W	3	bm	2	55	41	bc	*	0.01
	Nottingham ...	29.62	52	WNW	1	0	29.74	+.20	42	41	-4	S	1	b	*	58	35	–	4.7	–
	Oxford	29.71	47	NW	2	0	29.76	+.14	45	44	-2	SW	1	c	*	57	38	p,op	*	0.12
	London (Brixton)...	29.66	53	WSW	1	og	29.76	+.16	48	47	0	Z	0	0	*	58	40	p,c,og	5.8	–
	The Scaw (Skagen)	29.51	50	SW	1	b	29.66	+.39	48	48	-1	W	2	bc	0	55	46	–	*	0.16
	Fanö	29.53	49	Z	0	c	29.69	+.32	50	48	-1	Z	0	b	*	55	45	t,h	*	0.24
	Cuxhaven ...	29.57	50	S	2	c	29.76	+.30	49	48	0	SW	2	b	*	55	45	c,tlr	*	0.28
	The Helder ...	29.56	52	WNW	6	†	29.73	+.27	50	46	-5	ENE	2	bc	2	57	45	–	*	0.51
	Brussels	*	*	*	*	*	29.79	+.17	50	47	+2	SSE	2	c	*	60	48	–	*	–
	Berlin	29.71	51	SSW	2	b	29.88	+.31	47	46	-3	S	2	b	*	61	41	–	*	–
	Frankfürt ...	29.76	51	W	2	0	29.84	+.18	53	43	+3	E	1	b	*	61	41	–	*	–
	Munich	29.85	51	SW	3	0	29.88	+.12	46	46	-4	SE	3	0	*	59	45	–	*	0.12
FRANCE.	C. Gris Nez ...	29.66	55	W	4	0	29.71	+.13	50	48	-1	S	3	0	2	57	48	–	*	0.24
	Brest	29.90	55	N	4	bc	29.72	-.04	49	47	+1	SW	2	t	3	59	?48	–	*	0.12
	Lorient	29.78	58	NNW	3	c	29.77	+.07	54	51	-1	N	1	†	2	64	50	–	*	0.12
	Rochefort ...	29.81	60	NW	4	b	29.84	+.08	51	50	-4	SE	2	bc	*	66	48	–	*	0.32
	Biarritz	29.85	60	W	3	†	29.89		55	53		SSW	3	†	3	59	52	–	*	0.87
	Paris	29.76	52	SW	2	b	29.80	+.11	44	43	-6	SW	1	b	*	63	39	–	*	–
	Belfort	29.76	50	S	2	0	29.78	+.07	48	47	+2	ENE	4	0	*	58	44	–	*	0.04
	Lyons	29.79	58	N	1	0	29.81	+.02	?53	48	-2	NNW	1	b	*	64	49	–	*	–
	Nice	29.65	63	ENE	5	r	29.60	+.01	61	59	+1	Z	0	c	3	73	55	–	*	0.51
	Perpignan ...	29.77	60	W	2	0	29.76	-.02	57	52	-5	SW	2	†	*	67	55	–	*	0.04
SPAN. PEN.	Corunna	29.98	61	NNW	3	bc	30.06	+.08	54	52	-5	NW	3	0	6	63	50	–	*	0.20
	Lisbon	29.97	59	NW	5	b	30.08	+.20	60	53	-2	NNW	5	b	*	68	55	–	*	–
	Azores (P. Delgada)	30.28	69	Z	0	bc	30.26	-.04	69	65	+1	NE	3	0	2	75	66	–	*	–
	,, (Horta) ...	30.31	68	Z	0	b	30.26	-.11	68	66	-1	Z	0	0	1	73	66	–	*	0.04

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

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

WEATHER CHARTS

FOR SUNDAY, 13TH SEPTEMBER 1903.

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

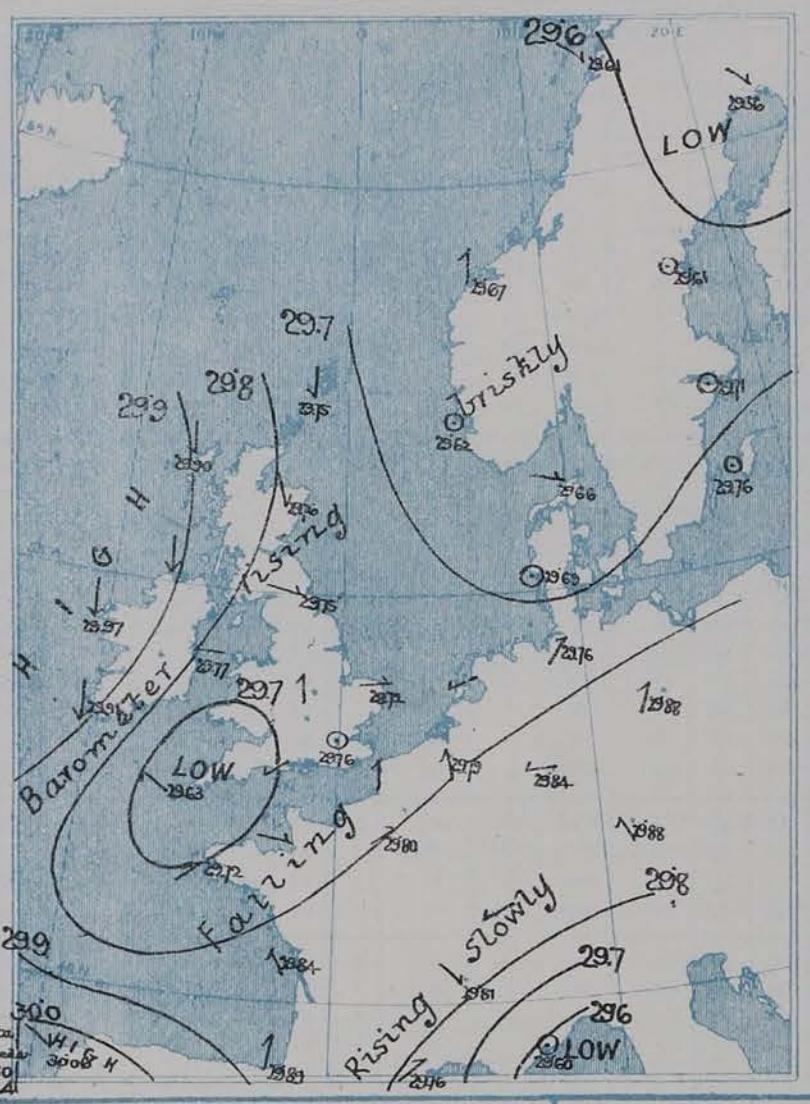
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 → *Force 5 to 7* → } Calm ⊙

Force 8 to 10 → *Force 1 to 4* →

SEA.—Rough *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

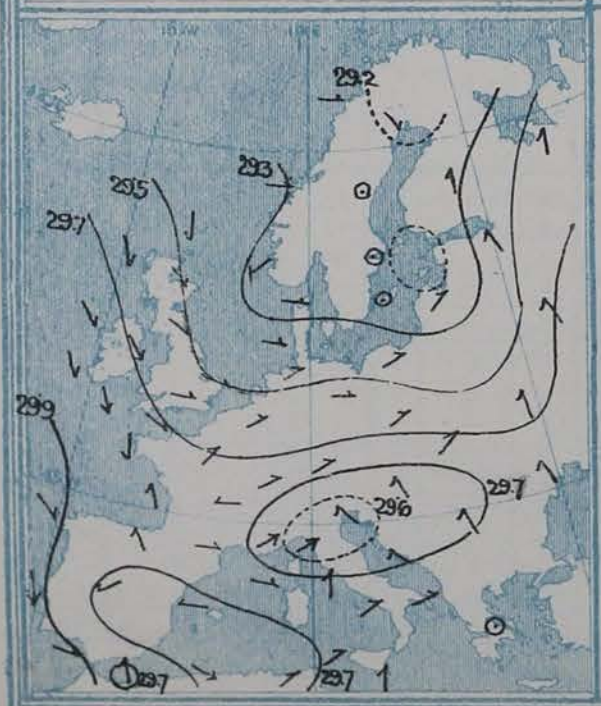
TEMPERATURE.—Isotherms are drawn for each 10°

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

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

III BAROMETER AND WIND

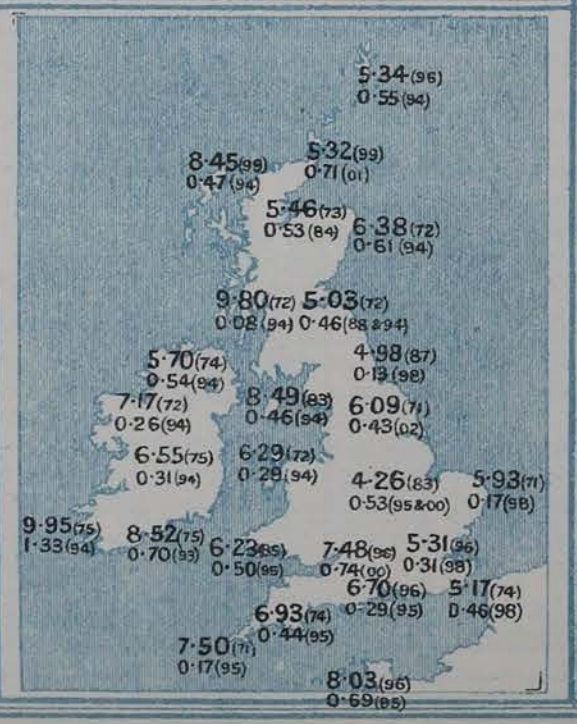
Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

During the 32 Years 1871-1902.

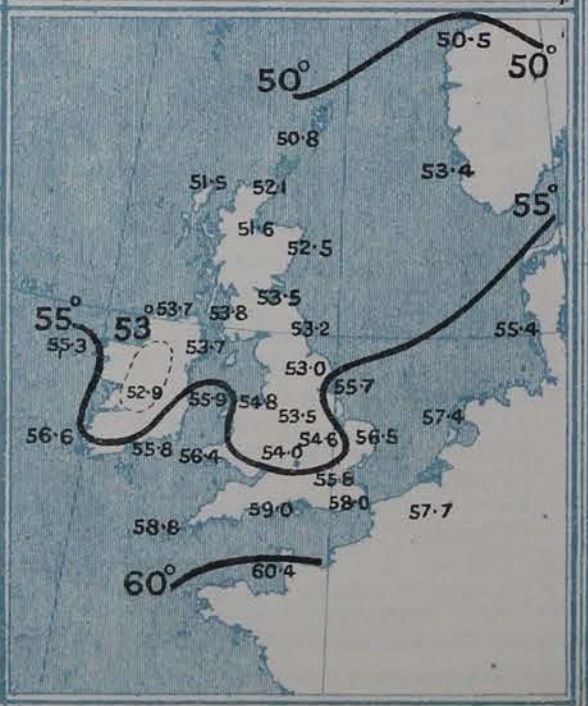
Specimen (for London) { *Greatest Rainfall* 5·31 (IN 1896) ; *Least ... Do ...* 0·31 (IN 1898)



V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

SEPTEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The recent cyclonic disturbances have continued to move away quickly, and only the rear portion of one of them is now shown at the northern extremity of the Gulf of Bothnia. But while a more or less decided rise of the barometer has taken place throughout the western half of Europe, the rise is now slight at our southern and western stations; a fairly deep depression is shown over the southeast of France and a small secondary is in course of formation on the Bay of Biscay.

WIND

N^{by} to W^{by} winds are reported throughout the United Kingdom, but even locally vary considerably in force, from a light to a strong breeze. Calms and light variable breezes prevail over Scandinavia, and over the other Continental regions W^{by} or SW^{by} light to strong breezes prevail.

WEATHER

Rain showers are falling generally over northern Ireland, at Scilly, Holyhead and Sumburgh Head, and very heavy rain at Belfort, but elsewhere, both at home and on the Continent, there is a great prevalence of fair or fine weather.

TEMPERATURE

The temperature changes are a little irregular, but the morning readings are everywhere low for the time of year, the value at Stornoway being 44°, at Nairn 45°, and at many other stations in our Islands below 50°, only Jersey and Scilly being as high as 54°. Perpignan reports 62° and Nice 60°, but nearly all other Continental stations are from 45° to 50°.

AND

SEA

The sea is rather rough on St. George's Channel and off Malin Head and Sumburgh Head.

During yesterday temperature rose to 63° at Dungeness, 61° at Brighton and Jersey, and to 60° at Eastbourne, Scilly and in London, but only to 51° at Malin Head and Sumburgh Head. There was a good record of bright sunshine; Darwen had none, but other values range from 4·7 hrs. at Lowestoft to 10·5 hrs. at Skegness.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is at present no indication of the existence of a low-pressure area in the neighbourhood of our western coasts, but a small secondary depression is forming on the Bay of Biscay and will probably affect our southern districts, with thundery conditions, fairer conditions prevailing in the north.

FORECASTS*

For the 24 hours ending at NOON on 13th September, 1903.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N^{by} to NW.^{by} breezes, light or moderate; cool, fair generally, local showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	W^{by} to light variable breezes; fair or fine at first, becoming less settled, local thunder showers. Cool.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos. 0 to 2.
7	ENGLAND N.W.	
8	ENGLAND S.W.	N^{by} to W.^{by} winds, fresh or strong; changeable, fair to unsettled and showery. Cool.
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	During yesterday the signals were lowered in districts, 1, 2, 3, 5 and part of 0. They are still flying in districts 7 and 8.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.					THIS MORNING 8 A.M.									PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	8	*	58	42	8c	5·3	–
Bath	29·58	52	W	2	8	29·65	+·14	51	48	– 1	W	1	8	*	59	40	–	5·5	0·05

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERTURE F. Max.	TEMPERTURE F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F. Max.	TEMPERATURE F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	56	43	or, 8, cp	10·0	0·24	Broadstairs...	*	*	*		*
Rhyl, to 8 p.m.	*	*	*	7·3	*	Margate	59	49	8, c, g	5·0	0·12
Llandudno	*	*	*	6·4	*	Lowestoft, to 6 p.m. ...	56	47	or, og, c	4·7	1·43
Aberystwyth, to 6 p.m. ...	58	50	oc	5·0	0·18	Skegness	*	*	*	10·5	*
Plymouth, to 9 p.m.... ...	59	49	8c	8·7	0·06	Scarborough, to 6 p.m. ...	58	*	8r	7·8	*
Worthing	*	*	*	7·5	*	Harrogate, to 6 p.m. ...	57	43	r, c, 8c	6·5	1·02
Brighton	61	*	*	8·3	*	Manchester, to 9 p.m. ...	57	45	r, 8cp	6·5	0·16
Eastbourne, to 6 p.m. ...	60	*	*	7·8	*	Darwen, to 9 p.m.	53	40	rg, op, om	0·0	0·32
Hastings	*	*	*	8·7	*	Birmingham, to 9 p.m. ...	56	43	c, 8	8·0	0·12

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

STATIONS. 11th Sept. 1908.	TEMPERATURE, F. Max.	TEMPERATURE, F. Min.	WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F. Dry.	TEMPERATURE, F. Wet.	WEATHER.	RAIN. Ins.
					10th Sept. 1908	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles	79	52	o, 8	–	Geneva	68	*	8c	0·04
Utrecht...	Not rec^{d}				Berne	61	*	c	0·12
Copenhagen	57	46	c, o	–	Lucerne	57	*	o	0·08
Prague	63	50	8, o	–	Coire	59	*	8c	–
Vienna	73	48	8c, 8c	0·20	Castasegna	73	*	8	–
Buda-Pesth	75	50	8, o	0·08	Lugano	82	*	8	–
St. Petersburg	64	41	o, c	0·04					
Rome	82	66	8c, 8c	–					
Malta	84	71	c	–					
Madeira (Funchal)	Not rec^{d}								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.--*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

12th Sept. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.23	11.49	6.16
Greenwich	5.31	11.56	6.22
Wick	5.37	12.8	6.40
Valencia	6.11	12.37	7.4

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Monday, 14th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
Scandinavia.	Haparanda ...	29·81	47	N	0	0	29·97	+·41	47	45	+2	E	2	0	*	54	45	–	*	0·32
	Hernösand ...	29·89	42	N	0	b	30·13	+·52	43	42	−4	N	0	b	*	55	41	–	*	–
	Stockholm ...	29·98	48	N	0	b	30·13	+·42	49	48	0	N	0	bc	*	57	43	–	*	0·04
	Wisby	30·08	49	SSE	2	b	30·09	+·33	50	46	−1	N	0	0	*	57	45	–	*	–
	Karlstad	29·97	50	N	0	b	30·14	+·45	46	45	0	N	0	bf	*	*	*	–	*	–
	Færder (X'tania Fjord)	29·90	54	SW	4	b	30·10	+·47	49	47	0	N	2	b	1	55	48	–	*	–
	Bodö	29·91	45	SW	4	0	30·06	+·45	44	42	−1	SW	4	r	2	46	39	–	*	0·28
	Christiansund ...	29·91	48	N	1	bc	30·16	+·49	47	43	+1	N	2	c	3	52	43	–	*	–
	Skudesnaes ...	29·94	48	N	0	c	30·18	+·56	48	46	0	N	4	c	2	55	46	c	*	*
British Islands.	Sumburgh Head	29·98	46	N	4	bc	30·35	+·60	45	42	−2	WSW	3	c	4	50	40	bc	*	0·01
	Stornoway ...	30·19	46	NE	3	0	30·42	+·52	39	38	−5	N	2	c	3	50	36	p,c,0	4·6	0·03
	Malin Head ...	30·16	51	N	6	b	30·42	+·54	48	44	−2	ENE	3	bc	2	52	47	b	*	–
	Blacksod Pt. ...	30·23	53	NNE	4	b	30·45	+·48	49	47	−3	SE	2	c	2	54	40	bc,b,w	*	0·02
	Valencia	30·19	55	N	4	b	30·46	+·55	42	41	−7	ENE	1	bm	2	57	37	bcg,b	11·3	–
	Roche's Point ...	30·13	57	WSW	2	b	30·47	+·64	47	44	−1	N	1	b	1	58	43	bc,b	*	–
	Parsonstown ...	30·15	55	N	0	b	30·48	+·59	40	39	−4	NNW	1	b	*	55	35	b	9·4	–
	Donaghadee ...	30·09	55	N	3	b	30·41	+·57	50	47	0	ENE	3	bc	3	57	47	b	*	–
	Liverpool Obsy.	29·94	54	NNW	2	bc	30·38	+·60	46	43	0	NNE	2	b	2	56	43	bcm	*	0·02
	Holyhead	30·04	55	NNE	4	bc	30·37	+·60	52	48	+2	NE	3	bc	2	55	47	bc	*	–
	Pembroke (St. Ann's)	30·04	51	NNE	5	bc	30·37	+·67	54	53	+7	N	4	cpg	3	57	45	–	10·5	–
	Scilly (St. Mary's)...	29·97	52	NNE	6	c	30·35	+·72	56	52	+3	N	4	c	3	56	49	o,c	6·5	0·07
	Jersey (St. Aubins)...	29·83	54	NNE	3	ogp	30·27	+·54	53	48	+4	NNW	3	bc	3	56	49	ogp	0·2	0·07
	Portland Bill ...	29·92	55	NNE	3	bc	30·30	+·59	50	46	−2	N	4	b	2	59	45	c,bc	*	–
	Dungeness ...	29·87	55	NE	2	bc	30·14	+·39	52	50	+4	N	4	c	2	61	43	fg,c,bc	4·0	0·01
	Wick	30·12	46	N	4	c	30·41	+·63	47	45	0	N	2	bc	1	53	37	–	*	0·03
	Nairn	30·15	46	ENE	3	c	30·43	+·59	43	40	−6	N	0	b	1	54	37	–	*	0·01
	Aberdeen ...	30·08	47	NNW	3	bc	30·41	+·65	46	43	−4	NNW	4	bpv	3	54	38	bc,p	8·0	0·06
	Leith	30·02	54	N	1	bc	30·41	+·60	50	45	+2	NW	1	bc	*	60	39	–	*	–
	North Shields ...	29·98	48	N	4	c	30·34	+·59	47	45	+2	N	3	p	4	54	41	p,c	*	0·08
	Spurn Head ...	29·90	53	NW	5	c	30·20	+·48	52	48	+5	NNW	6	c	5	56	45	–	*	0·03
	Yarmouth ...	29·86	56	N	3	bc	30·08	+·36	54	50	+7	N	5	c	4	57	43	bc	*	0·17
	Nottingham ...	29·98	50	NW	1	b	30·28	+·54	46	43	+4	NNE	4	b	*	58	41	–	7·6	0·01
	Oxford	30·06	48	N	1	b	30·30	+·54	47	44	+2	N	4	b	*	58	42	–	*	–
	London (Brixton)...	29·91	55	ENE	3	bc	30·21	+·45	50	46	+2	N	3	c	*	58	46	o,bc,b	2·5	–
Germany, &c.	The Scaw (Skagen)	29·96	52	N	0	bc	30·10	+·44	53	50	+5	NE	1	bc	0	59	46	–	*	0·08
	Fanö	29·99	49	N	0	bc	30·08	+·39	46	45	−4	N	2	c	*	57	43	–	*	0·08
	Cuxhaven ...	29·89	56	ENE	1	c	30·01	+·25	53	51	+4	ENE	2	0	*	?	?	–	*	–
	The Helder ...	29·88	55	NW	1	b	30·04	+·31	55	51	+5	NNE	2	b	2	59	50	–	*	–
	Brussels	*	*	*	*	*	30·06	+·27	52	48	+2	NNE	1	b	*	61	45	–	*	–
	Berlin	29·91	57	N	0	0	29·76	−·12	50	49	+3	NNE	4	r	*	61	47	–	*	0·28
	Frankfürt ...	29·86	53	N	3	r	29·91	+·07	51	48	−2	N	3	0	*	61	48	–	*	0·20
	Munich	29·74	47	NE	5	r	29·82	−·06	46	46	0	W	5	r	*	52	45	–	*	0·35
France.	C. Gris Nez ...	29·87	52	E	2	bc	30·03	+·32	53	50	+3	NNE	5	0	5	57	50	–	*	0·67
	Brest	29·85	51	NE	4	0	30·32	+·60	50	48	+1	NE	3	b	2	54	48	–	*	0·59
	Lorient	29·72	50	NE	6	r	30·23	+·46	52	50	−2	N	4	b	2	55	48	–	*	0·83
	Rochefort ...	29·71	54	SE	2	r	30·11	+·27	54	49	+3	N	6	b	*	67	46	o,r	*	0·87
	Biarritz	29·81	56	W	7	r	30·10	+·21	54	52	−1	NE	4	c	5	61	50	rr	*	2·17
	Paris	29·84	54	N	2	0	30·08	+·28	48	46	+4	NNW	3	c	*	61	44	–	*	–
	Belfort	29·77	48	ENE	1	r	29·90	+·12	45	44	−3	N	0	r	*	53	44	–	*	0·67
	Lyons	29·80	50	ENE	1	0	29·98	+·17	48	47	−5	NNW	1	r	*	58	44	–	*	–
	Nice	29·61	57	SW	1	0	29·68	+·08	57	50	−4	WSW	1	bc	4	66	48	–	*	0·32
	Perpignan ...	29·79	61	NW	3	0	29·91	+·15	54	50	−3	NW	2	0	*	67	49	–	*	0·16
Span. Pen.	Corunna																		*	
	Lisbon	30·20	60	NNW	4	b	30·29	+·21	60	50	0	N	3	b	*	66	55	–	*	–
	Azores (P. Delgada)																		*	
	„ (Horta) ...	30·23	71	S	4	0	30·20	−·08	72	68	+4	SSE	5	0	3	73	68	–	*	0·35

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

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

WEATHER CHARTS

FOR MONDAY 14TH SEPTEMBER. 1903.

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

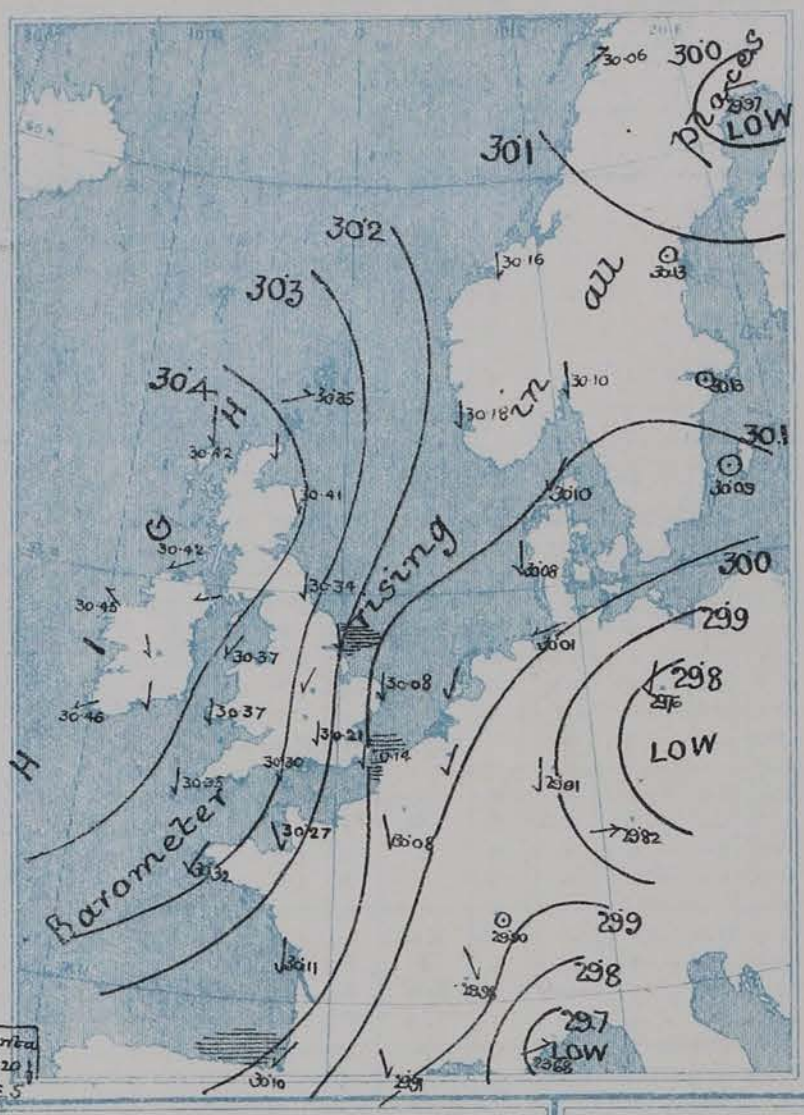
BAROMETER.—Isobars are drawn for each tenth of an inch

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

Force above 10 ⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶

SEA.—Rough *High*

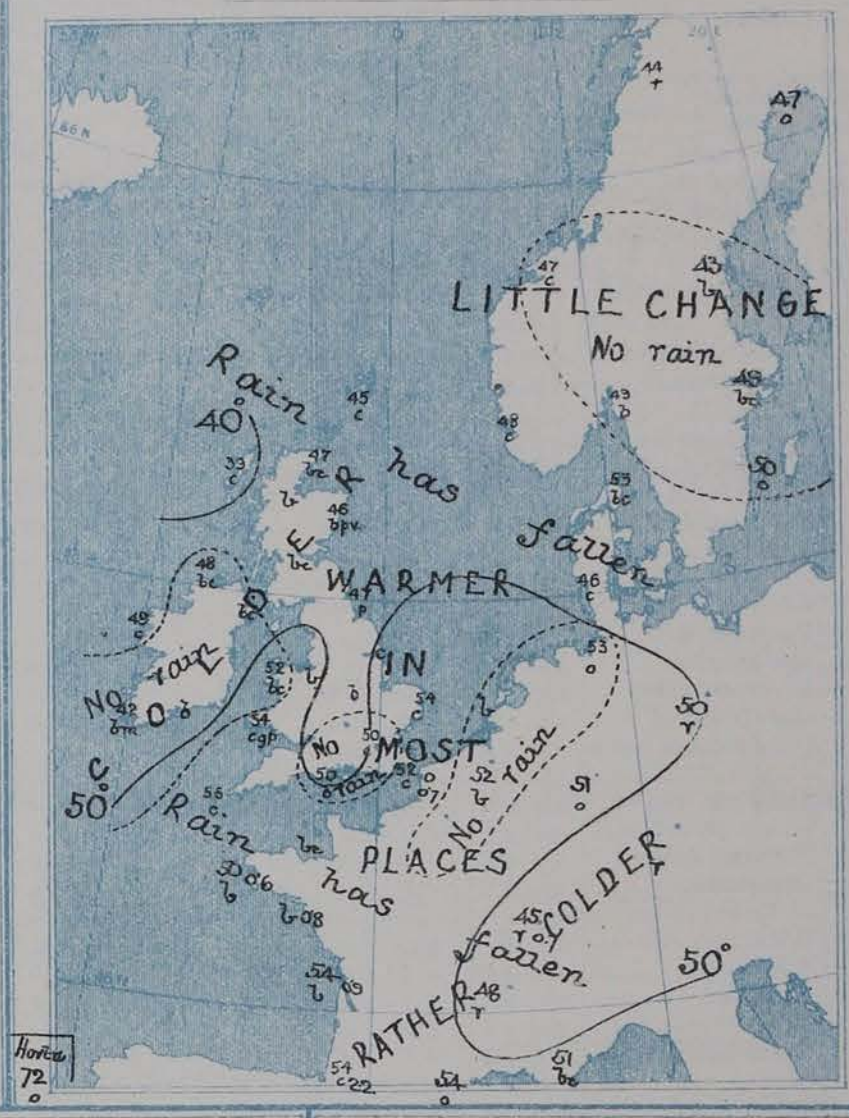


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°

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

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



III. BAROMETER AND WIND

Yesterday morning.

IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

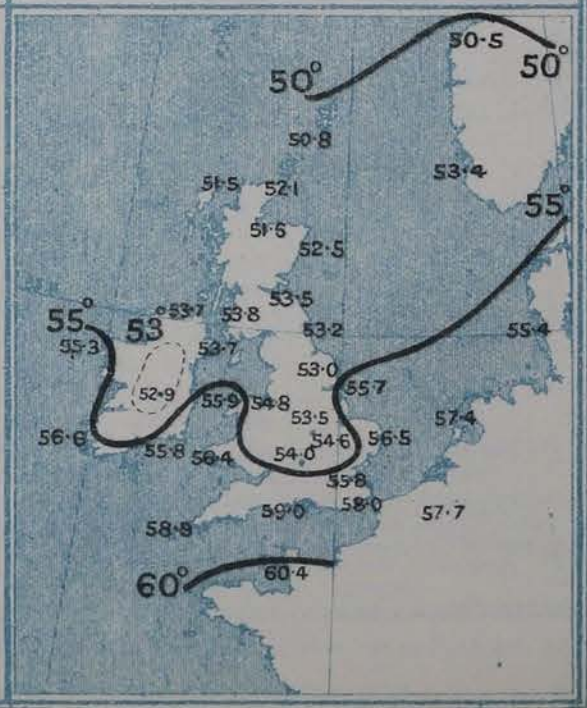
During the 32 Years 1871-1902.

Specimen (for LONDON) { *Greatest Rainfall* 5·31 (IN 1896) / *Least ... Do ...* 0·31 (IN 1898)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

SEPTEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since last evening the centre of a depression has reached a position near the Scilly Isles from a northwesterly direction causing a very brisk fall of the barometer as it advanced and an equally brisk rise in its rear, and a general shift of the wind to some point between NE and NW. The readings now range from above 30·1 ins. in an anticyclone extending eastwards from the ocean to Portugal, and about 30·0 ins. off the west of Ireland to 29·6 ins. and less (1) in the minimum near Scilly, (2) in another system off the Gulf of Genoa, and (3) in a low over Lapland and the north of Scandinavia.

WIND

The N^{W} winds blow strongly at some Irish stations, but in other parts of our Islands they are light or moderate in force, and the W^{S} wind over Brittany is also light or moderate. Over the Continent as a whole the wind is light and variable, showing no decided current except one from the NW^{d} over the Iberian Peninsula.

TEMPERATURE

Temperature is still much below the mean and the changes since yesterday have been mostly slight and irregular. Over the southern port of our area, however, it has fallen a little. The readings range from 61° at Nice and 60 Lisbon to below 50° over the greater part of our Islands and Scandinavia and also in many parts of France and Germany. The lowest values reported are 44° at Paris and Parsonstown and 42° at Nottingham.

WEATHER AND SEA

The weather is fair or fair over our area as a whole, but showery in the northwest of Ireland and very rainy in the immediate vicinity of the southwestern depression, as well as at Biarritz and Perpignan; at Brest thunder is reported. The sea is rather rough off the west and north of Ireland and round the Shetlands, and rough at Corunna.

The maximum temperatures were below 60° yesterday in nearly all parts of the United Kingdom and very little above 50° in the north of Scotland. Rain has fallen during the past 24 hours at nearly all our own stations as well as in France, Denmark and various parts of Germany; at Jersey there was 0·75 in. and at Biarritz 0·87 ins. Thunderstorms were experienced at Cuxhaven, Donaghadee, Shields and Pembroke and lightning was seen in several other places. A fair amount of sunshine prevailed in most localities — more than 10 hrs. at Jersey and Scilly.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 14th September, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued.	6 SCOTLAND WEST	None issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 7.10 pm yesterday to District 10 and part of 9, "Hoist South Cone."

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	bw	*	57	42	b,bc,l	7·3	—
Bath	29·67	49	W	1	b	29·75	+10	50	47	−1	N	1	b	*	57	40	-	5·7	0·07

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	56	47	c, cp, rp, o	7·1	0·11	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*		*	Margate	60	42	b, c	6·7	—
Llandudno	*	*	*	6·0	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	56	50	o, c	3·5,	0·07	Skegness	*	*	*	8·0	*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...					
Worthing	*	*	*	8·6	*	Harrogate, to 6 p.m. ...	56	37	c, b	3·1	0·02
Brighton	*	*	*		*	Manchester, to 9 p.m. ...	58	45	cp, b	4·5	0·06
Eastbourne, to 6 p.m. ...	*	*	*		*	Darwen, to 9 p.m.	55	41	r	6·0	0·10
Hastings	*	*	*		*	Birmingham, to 9 p.m. ...	57	41	c, o	5·3	0·02

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

STATIONS. 12th Sept. 1908.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS. 11th Sept. 1908	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. Ins. Measured 7 a.m.
Marseilles	77	59	o , o	—	Geneva	66	*	o	—
Utrecht...	59	45	c , bc	0·39	Berne	57	*	c	0·04
Copenhagen	52	45	o , bc	?	Lucerne	57	*	c	0·04
Prague	Not rec^{d}				Coire	57	*	b	—
Vienna	70	54	o , o	—	Castasegna	66	*	bc	—
Buda-Pesth	73	59	o , bc	—	Lugano	75	*	b	0·04
St. Petersburg	59	46	bc, r	—					
Rome	80	69	bc , bc	—					
Malta	86	52	f	—					
Madeira (Funchal)	Not rec^{d}								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m

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

13th Sept., 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.25	11.49	6.13
Greenwich	5.33	11.56	6.19
Wick	5.39	12.8	6.37
Valencia	6.13	12.37	7.1

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 15th. September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW. *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
Scandinavia.	Haparanda ...	30·20	41	NW	2	☁	30·37	+·40	41	38	- 6	N	2	☁	*	52	41	–	*	–
	Hernösand ...	30·32	41	✕	0	☁	30·49	+·36	45	41	+ 2	✕	0	☁	*	57	34	–	*	–
	Stockholm ...	30·17	50	NE	4	0	30·31	+·18	52	49	+ 3	N	6	☁	*	57	43	–	*	–
	Wisby	30·00	49	E	4	r	30·13	+·04	50	48	0	E	6	0	*	55	41	–	*	0·87
	Karlstad	30·23	49	NE	2	☁	30·43	+·29	45	42	- 1	N	2	☁	*	*	*	–	*	–
	Færder (X'tiania Fjord)	30·25	54	NNE	4	☁	30·48	+·38	48	43	- 1	NNE	5	☁	2	54	48	–	*	–
	Bodö	30·30	48	SW	4	r	30·44	+·38	46	41	+ 2	SW	4	c	2	48	41	–	*	0·16
	Christiansund ...	30·44	45	N	2	☁c	30·53	+·37	45	41	- 2	ESE	3	☁	3	50	39	–	*	–
	Skudesnaes ...	30·34	49	N	4	☁	30·49	+·31	45	44	- 3	NNE	2	☁	2	54	43	☁	*	*
British Islands.	Sumburgh Head	30·46	48	N	3	c	30·48	+·13	49	45	+ 4	SW	2	☁	3	51	40	c	*	–
	Stornoway ...	30·47	51	SSW	3	☁c	30·42	·00	51	49	+ 12	SSW	4	0	4	55	37	☁,☁c	10·0	–
	Malin Head ...	30·49	50	E	2	☁	30·48	+·06	49	45	+ 1	S	3	☁	2	55	45	☁	*	–
	Blacksod Pt. ...	30·48	54	SSW	3	☁	30·44	-·01	56	53	+ 7	S	4	☁c	4	58	48	☁	*	–
	Valencia	30·52	56	SW	1	☁	30·49	+·03	54	51	+ 12	SE	4	0	3	59	41	☁	11·5	–
	Roche's Point ...	30·52	55	SW	2	☁	30·56	+·09	48	47	+ 1	NNW	1	☁w	1	59	42	☁	*	–
	Parsonstown ...	30·55	42	✕	0	☁	30·54	+·06	48	45	+ 8	NE	1	☁	*	58	39	☁	10·0	–
	Donaghadee ...	30·54	53	✕	0	☁	30·57	+·16	48	46	- 2	SW	1	☁	1	55	42	–	*	–
	Liverpool Obsy.	30·51	50	N	2	c	30·58	+·20	44	42	- 2	NE	1	☁c	1	53	42	☁c	*	–
	Holyhead	30·51	51	NE	3	☁	30·55	+·18	48	46	- 4	E	1	☁cw	1	52	43	☁	*	–
	Pembroke (St. Ann's)	30·47	53	NNE	4	☁	30·53	+·16	48	47	- 6	NE	3	☁cw	2	59	43	–	8·4	–
	Scilly (St. Mary's)...	30·49	57	N	3	☁c	30·51	+·16	53	48	- 3	N	2	☁	1	59	47	☁c	10·2	–
	Jersey (St. Aubins)...	30·41	55	NW	4	cm	30·48	+·21	55	49	+ 2	NW	3	c	3	59	50	c,m	9·9	–
	Portland Bill ...	30·41	54	N	2	☁	30·48	+·18	48	45	- 2	NE	3	c	2	58	43	☁c,☁	*	..
	Dungeness ...	30·33	54	N	4	og	30·44	+·30	51	48	- 1	N	4	☁cw	2	58	44	cg,og	5·3	0·01
	Wick	30·45	48	S	2	3	30·48	+·07	49	47	+ 2	S	2	☁c	1	53	38	–	*	–
	Nairn	30·51	49	E	1	☁c	30·51	+·08	40	39	- 3	✕	0	☁	0	56	31	–	*	–
	Aberdeen ...	30·54	47	NW	1	☁	30·56	+·15	39	38	- 7	NW	2	☁m	2	51	33	c,☁	5·1	–
	Leith	30·52	50	E	1	☁	30·51	+·10	46	43	- 4	NNW	1	☁m	*	58	35	–	*	–
	North Shields ...	30·46	50	NNW	3	cp	30·55	+·21	48	45	+ 1	NW	3	c	3	52	42	cp	*	0·06
	Spurn Head ...	30·39	52	N	5	☁c	30·48	+·28	52	48	0	N	4	cv	4	56	46	–	*	–
	Yarmouth ...	30·36	53	N	5	cgp	30·38	+·30	52	48	- 2	NNW	3	cg	3	56	47	cgp	*	0·42
	Nottingham ...	30·43	49	N	1	☁	30·52	+·24	47	45	+ 1	NNE	2	☁	*	55	42	–	7·3	–
	Oxford	30·49	46	✕	0	☁	30·53	+·23	46	44	- 1	N	2	0	*	57	41	☁	*	–
	London (Brixton)...	30·38	52	NNE	4	☁	30·47	+·26	48	47	- 2	N	3	c	*	57	43	☁c,☁	3·5	–
Germany, &c.	The Scaw (Skagen)	30·21	55	NNE	2	☁	30·40	+·30	52	48	- 1	NE	5	☁	1	57	50	–	*	–
	Fanö	30·23	48	N	1	☁	30·34	+·26	47	47	+ 1	N	2	☁	*	59	41	–	*	–
	Cuxhaven ...	30·13	56	N	3	0	30·29	+·28	52	49	- 1	NNE	3	c	*	57	52	–	*	–
	The Helder ...	30·24	55	NNE	4	c	30·35	+·31	56	51	+ 1	NNE	3	c	2	59	52	–	*	–
	Brussels	*	*	*	*	*	30·37	+·31	50	48	- 2	NNE	3	c	*	60	46	–	*	0·04
	Berlin	29·91	47	NW	4	r	30·16	+·40	49	48	- 1	NNW	3	☁	*	52	45	–	*	0·75
	Frankfürt ...	30·20	49	?	?	☁	30·24	+·33	48	47	- 3	N	1	0	*	57	46	–	*	0·04
	Munich	30·12	46	W	6	0	30·13	+·31	42	42	- 4	NW	2	r	*	50	41	–	*	0·54
France.	C. Gris Nez ...	30·26	54	NE	6	r	30·35	+·32	54	50	+ 1	NE	5	0	5	57	50	–	*	1·06
	Brest	30·50	55	N	4	☁	30·49	+·17	49	47	- 1	N	2	☁c	1	59	45	–	*	–
	Lorient	30·30	56	N	4	☁	30·47	+·24	49	47	- 3	N	3	☁	2	61	46	–	*	–
	Rochefort ...	30·28	60	N	6	c	30·36	+·25	51	49	- 3	N	5	☁	*	63	48	☁c,c	*	–
	Biarritz	30·37	62	NNW	5	c	30·42	+·32	51	50	- 3	S	2	r	3	63	50	c,☁r	*	0·35
	Paris	30·24	54	NNW	3	☁c	30·36	+·28	47	47	- 1	NNE	2	0	*	62	45	–	*	0·12
	Belfort	30·09	48	WSW	2	r	30·15	+·25	45	43	0	ENE	3	0	*	52	45	–	*	0·16
	Lyons	30·15	49	NNW	3	☁c	30·21	+·23	46	45	- 2	NNW	3	0	*	55	46	–	*	0·08
	Nice	29·80	55	SE	1	☁c	29·85	+·17	56	50	- 1	✕	0	c	1	64	50	–	*	–
	Perpignan ...	30·14	55	NW	6	☁c	30·19	+·28	55	48	+ 1	NW	5	c	*	63	52	–	*	0·04
Span. Pen.	Corunna																		*	
	Lisbon	30·31	63	NNW	5	☁	30·34	+·05	61	50	+ 1	NNE	5	☁	*	73	59	–	*	–
	Azores (P. Delgada)																		*	
	,, (Horta) ...	30·22	72	S	5	0	30·20	·00	72	68	0	SW	4	c	2	75	72	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

Note. At 6p.m. 10th. inst. the wind force at Scilly and Portland was 10 (not 1) and the weather at Portland r (not ☁).

WEATHER CHARTS

FOR Tuesday, 15th Sept.r 1903.

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

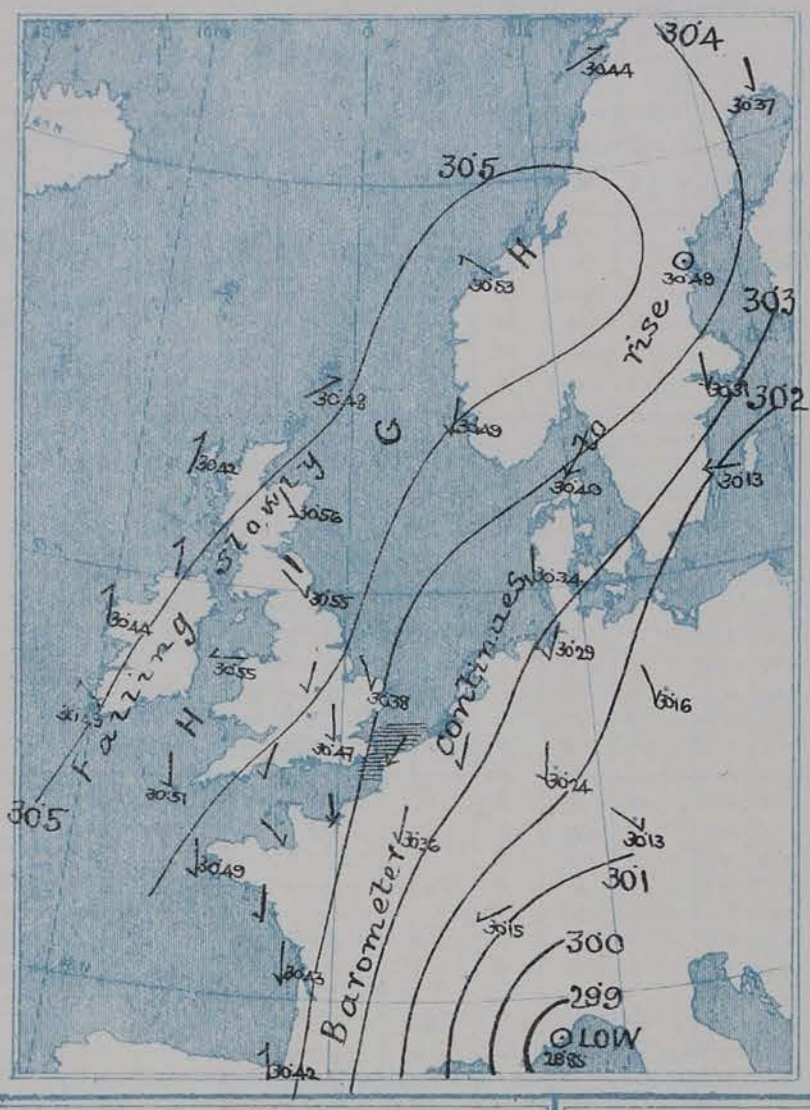
BAROMETER.—Isobars are drawn for each tenth of an inch

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

Force above 10 ⟶⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶

SEA.—Rough *High*

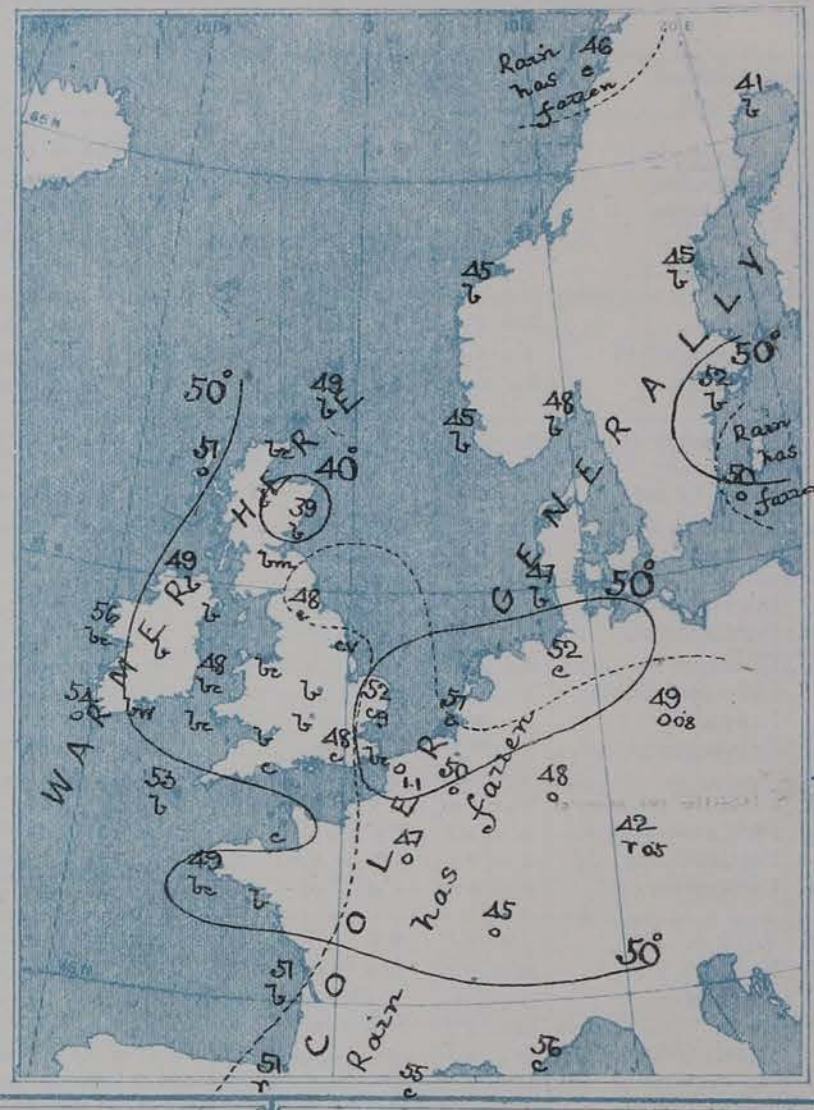


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

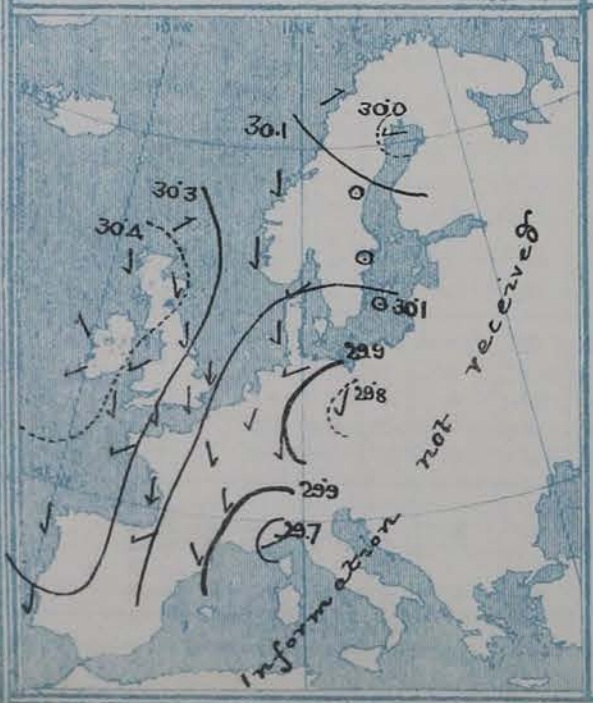
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



III BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

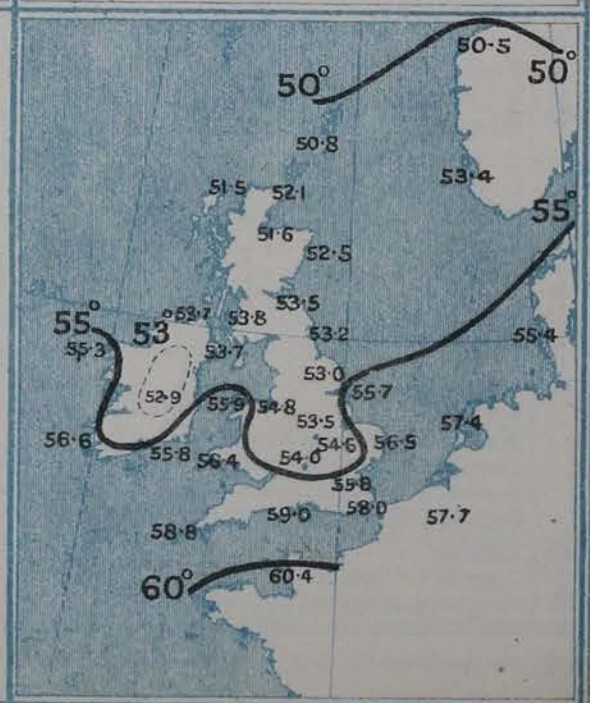
During the 32 Years 1871-1902.

Specimen (for London) { *Greatest Rainfall* 5·31 (IN 1896) / *Least ... Do ...* 0·31 (IN 1898) }

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

SEPTEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Depressions are reported over the Riviera, central Germany and the upper part of the Gulf of Bothnia, but all over the rest of our area there has been a decided increase of pressure, the rise of the mercury at the majority of the home stations being from 0·5 ins to more than 0·7 in. in the past 24 hours. An extensive anticyclone is centred out on the Atlantic beyond our western coasts, and all over Ireland and Scotland the barometer now stands above 30·4 ins, and is still rising.

WIND

TEMPERATURE

WEATHER

AND

SEA

N^{ly} winds prevail round our coasts, blowing fresh or strong on the southeast coast of England, but everywhere else it is moderate or light in force. The polar current extends to most of the Continental stations, except in Sweden, where calms are reported. Light showers are falling at a few scattered stations in our Islands and heavy rain over eastern France and central and southern Germany, but over other regions fair or fine weather seems to be general. Temperature has fallen again over our northern and western districts, and also in Germany and the south of France. All over the British Isles the present readings are much below the normal, ranging from 39° at Stornoway, 40° at Parsonstown, 42° at Valencia, and below 50° at most stations, to 54° at Pembroke and 56° at Scilly. Of the foreign readings the highest are 55° at the Helder and 57° at Nice. The sea is rather rough off Spurn Head, moderate to smooth elsewhere.

During yesterday temperature rose to 61° at Aberystwyth and Dungeness, but only to 50° at Stornoway and Sumburgh Head. The duration of bright sunshine varied considerably, from 0·2 hr. at Jersey to 11·3 hrs at Valencia.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

For a few days the conditions are likely to be dominated by the well-developed anticyclone which has spread in from the Atlantic. Cold N^{ly} winds will consequently prevail for the present, later drawing into W and SW on the western coasts, accompanied by some increase of temperature by the middle of the week.

FORECASTS*

For the 24 hours ending at NOON on 15TH September, 1903.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	N^{ly} to NW^{ly} breezes, moderate or light; fair generally, local showers. Cold.	6 SCOTLAND WEST	Same as Nos. 0 to 2.
1 SCOTLAND EAST		7 ENGLAND N.W.	N^{ly} to NE^{ly} breezes, moderate or light; fine generally, local showers. Cold.
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST	N^{ly} to NE^{ly} breezes, moderate to strong; fine to dull. Cold.	9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	None issued.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	c	*	58	44	3c,c	5.6	0.02
Bath	29.95	50	W	2	3	30.32	+.57	47	44	− 3	NW	2	3	*	57	43	-	6.5	-

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	57	39	cp,3c,3	8.5	0.02	Broadstairs...	*	*	*	7.0	*
Rhyl, to 6 p.m.	*	*	*	9.5	*	Margate	58	*	*	9.0	*
Llandudno	*	*	*	9.4	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	61	54	3c	8.0	0.20	Skegness	*	*	*		*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	59	*	*	5.6	*
Worthing	*	*	*	4.5	*	Harrogate, to 6 p.m. ...	56	37	3c,r,3	5.4	0.06
Brighton	60	*	*	2.3	*	Manchester, to 9 p.m. ...					
Eastbourne, to 6 p.m. ...	60	*	*	4.5	*	Darwen, to 7 p.m.	55	34	mcp,m	7.5	0.03
Hastings	*	*	*	3.8	*	Birmingham, to 9 p.m. ...	57	38	c,3	6.2	-

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

STATIONS. 13th Sept. 1908.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Dry.	Temperature, F. Wet.	Weather.	Rain. Ins.
	Information not received.				12th Sept. 1908	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles					Geneva	Information not received.			
Utrecht...					Berne		*		
Copenhagen					Lucerne		*		
Prague					Coire		*		
Vienna					Castasegna		*		
Buda-Pesth					Lugano		*		
St. Petersburg									
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

14th Sept., 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.27	11.49	6.11
Greenwich	5.35	11.56	6.17
Wick	5.41	12.8	6.35
Valencia	6.15	12.37	6.59

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 16th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
Scandinavia.	Haparanda ...	30·54	45	W	2	c	30·64	+·27	50	46	+ 9	W	2	7	0	54	34	–	*	–
	Hernösand ...	30·66	39	N	0	7	30·75	+·26	40	38	– 5	N	0	7	0	45	37	–	*	–
	Stockholm ...	30·53	48	N	6	7	30·57	+·26	53	50	+ 1	NE	6	7	0	57	46	–	*	–
	Wisby	30·37	52	E	6	r	30·37	+·24	54	51	+ 4	E	4	0	*	54	45	–	*	0·04
	Karlstad	30·58	46	N	0	7	30·57	+·14	48	46	+ 3	NE	4	• 7	*	*	*	–	*	–
	Færder (X'iania Fjord)	30·54	55	NNE	4	7	30·53	+·05	49	45	+ 1	NE	6	0	2	55	48	–	"	–
	Bodö	30·54	46	SSW	4	r	30·61	+·17	49	44	+ 3	SE	4	7c	2	49	41	–	"	0·04
	Christiansund ...	30·60	47	ESE	2	7	30·60	+·07	48	43	+ 3	E	1	7	1	52	43	–	"	–
	Skudesnaes ...	30·59	51	NE	2	7	30·50	+·01	48	45	+ 3	ENE	2	c	1	57	45	7	*	*
British Islands.	Sumburgh Head	30·47	49	S	2	7	30·43	–·05	49	47	0	SE	2	c	4	53	43	7	*	–
	Stornoway ...	30·39	55	SW	4	0	30·32	–·10	52	50	+ 1	SSW	3	7c	2	58	45	0	8·1	–
	Malin Head ...	30·41	56	S	4	7	30·30	–·18	49	47	0	SSE	1	7	2	60	44	7	*	–
	Blacksod Pt. ...	30·39	57	SSW	5	c	30·25	–·19	52	50	– 4	SE	4	c	3	59	51	7c, c	*	–
	Valencia	30·44	56	SSE	3	c	30·26	–·23	53	50	– 1	ESE	3	0	3	61	52	7cv, c	7·5	–
	Roche's Point ...	30·48	54	SSE	2	c	30·32	–·24	54	50	+ 6	S	2	cm	2	59	46	7c, c	*	–
	Parsonstown ...	30·45	57	NW	1	7c	†30·32	–·22	46	45	– 2	NE	1	7	*	61	39	7, 7c	10·1	–
	Donaghadee ...	30·50	54	S	2	7	30·37	–·20	44	44	– 4	SW	1	7	1	56	41	–	*	–
	Liverpool Obsy.	30·50	50	NNW	1	7c	30·37	–·21	44	43	0	SE	1	7c	1	53	41	m, 7c, f	*	–
	Holyhead	30·49	52	E	1	7	30·35	–·20	48	47	0	N	0	7cm	0	57	52	7	*	–
	Pembroke (St. Ann's)	30·48	54	WSW	1	7c	30·33	–·20	49	48	+ 1	E	2	7m	2	58	46	–	7·8	–
	Scilly (St. Mary's)...	30·44	57	NE	2	7	30·33	–·18	53	48	0	E	3	0	1	59	47	c, 7	7·3	–
	Jersey (St. Aubins)...	30·43	55	N	3	7m	30·32	–·16	54	50	– 1	NNW	3	7c	3	59	49	7c, 7m	10·6	–
	Portland Bill ...	30·44	52	NNW	3	c	30·31	–·17	51	48	+ 3	N	3	7c	2	56	43	c	*	–
	Dungeness ...	30·39	55	NE	6	c	30·24	–·20	53	51	+ 2	N	3	cw	2	59	45	7c, c	6·6	0·01
	Wick	30·45	53	S	3	7c	30·38	–·10	50	47	+ 1	S	3	c	1	57	48	–	*	
	Nairn	30·42	54	N	0	7	30·37	–·14	44	42	+ 4	N	0	7	1	62	34	–	*	–
	Aberdeen ..	30·51	49	SSE	3	7	30·40	–·16	47	45	+ 8	ESE	2	0	2	54	38	7	10·1	–
	Leith	30·46	51	N	0	m	30·36	–·15	46	45	0	NE	1	m	*	61	38	–	*	–
	North Shields ...	30·50	51	NE	2	7c	30·35	–·20	46	44	– 2	W	1	0m	3	54	39	c, 7c	*	–
	Spurn Head ...	30·47	52	N	4	c	30·28	–·20	53	50	+ 1	N	5	7c	3	56	47	–	*	–
	Yarmouth ...	30·38	53	N	4	c	30·21	–·17	55	49	+ 3	N	5	c	4	57	48	7c, c	*	–
	Nottingham ...	30·48	50	NE	1	0	30·34	–·18	48	45	+ 1	NNW	2	7c	*	53	42	–	0·4	–
	Oxford	30·47	49	N	2	0	30·33	–·20	46	45	0	N	1	0	*	54	39	0, 7	*	–
	London (Brixton)...	30·41	53	NE	3	0	30·27	–·20	49	46	+ 1	NNW	2	0	*	57	45	c, 7c, 7	2·7	–
Germany, &c.	The Scaw (Skagen)	30·46	55	NE	5	7	30·38	–·02	50	50	– 2	E	6	r	2	57	50	–	*	0·20
	Fanö	30·34	49	NNE	6	0	30·12	–·22	53	52	+ 6	NE	5	0	*	59	47	–	*	0·20
	Cuxhaven ...	30·26	55	NNE	5	0	30·02	–·27	52	51	0	SE	4	0	*	59	52	0, r	*	0·39
	The Helder ...	30·30	55	NE	3	7	30·04	–·31	53	52	– 3	NNE	3	r	2	59	53	–	*	0·12
	Brussels	*	*	*	*	*									*				*	
	Berlin	30·08	50	NW	1	r	30·15	–·01	49	48	0	SW	1	0	*	52	46	–	*	0·46
	Frankfürt ...	30·17	49	N	1	r	30·13	–·11	49	48	+ 1	S	2	0	*	52	48	–	*	0·28
	Munich	30·16	43	N	0	7	30·15	+·02	44	44	+ 2	N	0	r	*	48	41	–	*	0·04
France.	C. Gris Nez ...	30·34	51	NE	4	7c	30·22	–·13	54	51	0	NE	4	0	4	55	50	–	*	0·28
	Brest	30·42	54	N	3	7	30·32	–·17	49	46	0	N	1	c	1	59	46	–	*	–
	Lorient	30·44	57	NNE	4	c	30·30	–·17	50	47	+ 1	N	2	c	1	63	46	–	*	–
	Rochefort ...	30·32	60	NNW	3	7c	30·27	–·09	50	49	– 1	NNE	2	7c	*	64	46	7c	*	–
	Biarritz	30·37	61	NNE	3	7	30·32	–·10	54	51	+ 3	S	1	7	1	63	51	–	*	0·12
	Paris	30·30	52	N	3	7	30·22	–·14	46	46	– 1	N	0	0	*	60	43	–	*	0·04
	Belfort	30·18	46	ENE	3	r	30·13	–·02	42	42	– 3	WSW	2	f	*	51	41	–	*	0·04
	Lyons	30·18	51	ENE	2	7c	30·21	·00	48	45	+ 2	N	1	0	*	59	45	–	*	0·04
	Nice	29·92	54	N	0	c	29·96	+·11	51	49	– 5	N	0	7c	2	66	50	–	"	0·12
	Perpignan ...	30·18	56	NW	6	0	30·20	+·01	56	50	+ 1	NW	3	c	*	63	51	–	*	–
Span. Pen.	Corunna																			
	Lisbon	30·24	64	NW	4	7	30·22	–·12	62	59	+ 1	NNW	4	7	*	75	59	–	*	–
	Azores (P. Delgada)																			
	" (Horta) ...	30·16	72	S	5	0	30·09	–·11	69	68	– 3	SW	1	r	2	75	68	–	*	0·51

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

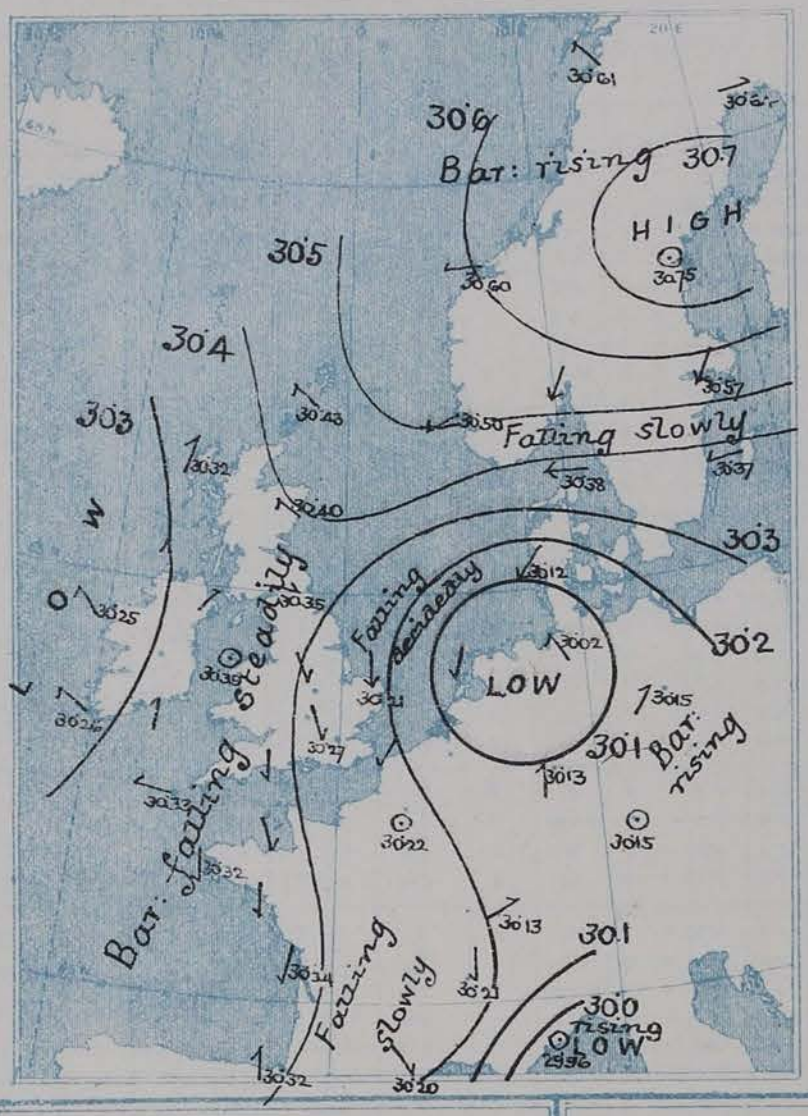
* *Observations for this column not generally received.* † *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR WEDNESDAY, 16TH SEPTEMBER, 1903.

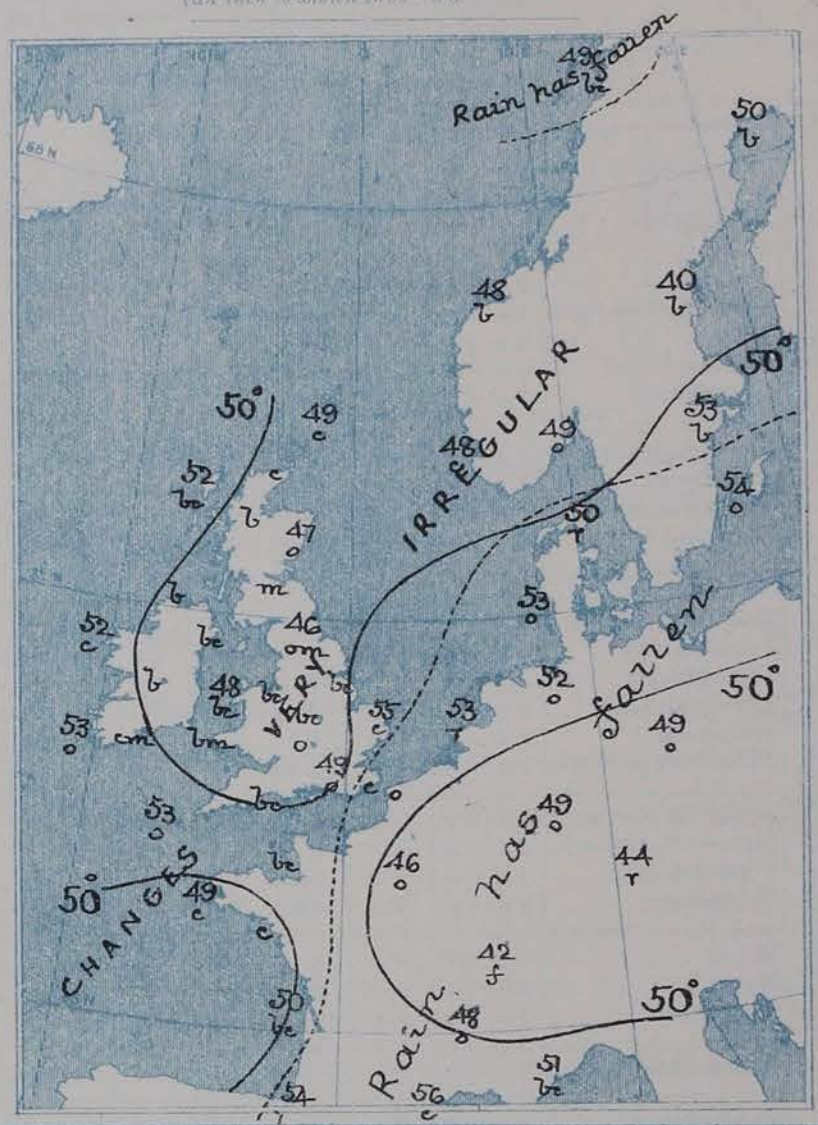
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟫⟶ *Force 5 to 7* ⟶ } Calm ⊙
Force 8 to 10 ⟩⟶ *Force 1 to 4* ⟶ }
SEA—Rough ▬ *High* ▬



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus —06



III. BAROMETER AND WIND

Yesterday morning.

IV. GREATEST AND LEAST MONTHLY RAINFALL IN SEPTEMBER

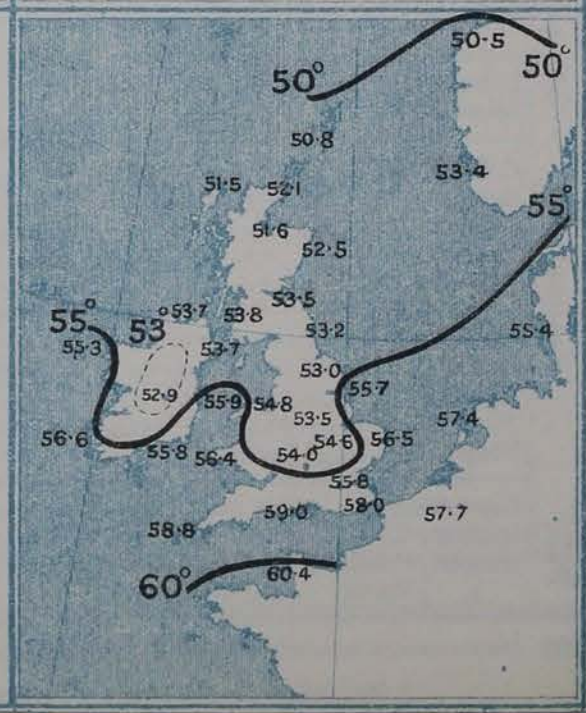
During the 32 Years 1871-1902.

Specimen (for London) { *Greatest Rainfall* 5·31 (IN 1896) ; *Least ... Do ...* 0·31 (IN 1898) }

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

SEPTEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A small depression is shown over the Gulf of Genoa, but the whole of the rest of the area under observation is now covered by the anticyclone which has spread in from the upper part of the Atlantic, the central portion of the system forming an elongated band extending from outside our southwestern coasts northeastwards to Scandinavia, with barometer readings above 30·5 ins. At our far western and northern stations a slight decline of the mercury has set in on the western slope of the appression.

WIND

TEMPERATURE

WEATHER

AND

SEA

Winds from between N.W. and N.E. are reported over England, the east of Scotland and the southeast quarter of Ireland, but at all our more western and northern stations the direction is now from between S.W. and S.E., few places feeling as much as a moderate breeze. At the majority of the continental stations a N.ly or N.E.ly current prevails, fresh or strong in force over southern Scandinavia and in some parts of France. Fair or fine weather is extensively prevalent, but rain is falling at Biarritz, Havre and Munich, and a thunderstorm, with heavy hail, is passing over Corsica. Heavy falls of rain have occurred on the Continent, 0·75 in. at Berlin, and 1·06 in. at Cape Gris Nez. Temperature has fallen at our eastern stations and in France and Germany, risen in the west and north. The present readings range from 39° at Aberdeen and 40° at Nairn to 55° at Jersey and 56° at Blacksod; and on the Continent most of the values are below 50°, Paris being 47°, Biarritz 51°, Nice 56° and Corsica 60°. The sea is rather rough on the French side of the Straits of Dover moderate to very smooth elsewhere.

Temperature yesterday reached 60° at Plymouth and 59° at several south coast stations, against 51° at Aberdeen and Sumburgh Head. Bright sunshine varied from 1·5 hrs. at Skegness to 11·5 hours at Valencia.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone has now spread over nearly the whole of our area, but our western and northern coasts have already been brought under the influence of its western section. As the system moves slowly E^wds the cool N.ly wind in the east will gradually be replaced by a milder SW.ly current, and the conditions will assume a less settled character generally.

FORECASTS*

For the 24 hours ending at NOON on 16TH September, 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S.ly to SW.ly breezes, light to moderate; fine to unsettled, showers.
1	SCOTLAND EAST	NW.ly to SW.ly breezes, light or moderate; fine at first, becoming less settled; milder.
2	ENGLAND N.E.	
3	ENGLAND EAST	N.ly breezes, light, backing W.ly later; fair or fine generally, milder later.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as No. 0.
7	ENGLAND N.W.	Light variable breezes, finally SW.ly; fine at first, becoming less settled; milder.
8	ENGLAND S.W.	Same as Nos 3 to 5.
9	IRELAND NORTH	S.ly breezes, light to fresh; fine at first, less settled later, with showers; milder.
10	IRELAND SOUTH	
	WARNINGS	None issued.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	8c	*	57	42	8c	5·6	0·02
Bath	30·43	53	NW	1	8	30·53	+·21	47	44	0	N	1	8	*	56	39	-	9·0	-

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	56	41	c, 8	9·8	-	Broadstairs...	*	*	*	2·9	*
Rhyl, to 6 p.m.	*	*	*	10·0	*	Margate	57	*	*	2·8	*
Llandudno	*	*	*	8·9	*	Lowestoft, to 6 p.m. ...	55	45	8c o, cg	4·6	0·37
Aberystwyth, to 6 p.m. ...	56	51	8c	10·5	-	Skegness	*	*	*	1·5	*
Plymouth, to 9 p.m.... ...	60	43	8, 8c, 8	10·4	-	Scarborough, to 6 p.m. ...	54	*	*	5·6	*
Worthing	*	*	*	7·1	*	Harrogate, to 6 p.m. ...	53	38	c, 8c	4·6	-
Brighton	59	*	*	5·8	*	Manchester, to 9 p.m. ...	55	39	8c	3·8	-
Eastbourne, to 6 p.m. ...	57	*	*	3·5	*	Darwen, to 9 p.m.	52	37	8cp, o	4·1	-
Hastings	*	*	*	4·6	*	Birmingham, to 9 p.m. ...	53	40	8, c, 8	7·6	-

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

STATIONS. 14th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS. 13th Sept. 1903	Temperature, F. Dry 1 p.m.	Temperature, F. Wet	Weather. 1 p.m.	Rain. Ins. Measured 7 a.m.
Marseilles	Information	not received.			Geneva	Information not received.			
Utrecht...					Berne		*		
Copenhagen					Lucerne		*		
Prague					Coire		*		
Vienna					Castasegna		*		
Buda-Pesth					Lugano		*		
St. Petersburg									
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m

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

15th Sept. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.28	11.48	6.9
Greenwich	5.36	11.55	6.15
Wick	5.43	12.7	6.32
Valencia	6.16	12.36	6.57.

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 17th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	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. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	30·68	49	N	0	b	30·62	-·02	50	48	0	W	2	b	*	54	43	-	*	-
	Hernösand ...	30·73	39	N	0	b	30·72	-·03	39	36	- 1	N	0	b	*	57	32	-	*	-
	Stockholm ...	30·55	52	ENE	6	b	30·53	-·04	55	51	+ 2	ESE	6	b	*	55	45	-	*	-
	Wisby	30·33	55	E	6	b	30·36	-·01	55	53	+ 1	E	2	b	*	57	48	-	*	-
	Karlstad	30·53	52	NE	4	b	30·49	-·08	52	50	+ 4	ENE	2	c	*	*	*	-	*	-
	Færder (X'iania Fjord)	30·41	58	ENE	6	o	30·45	-·08	53	50	+ 4	NE	6	o	2	58	49	-	*	-
	Bodö	30·62	46	SE	2	b	30·55	-·06	49	43	0	SE	2	b	2	55	41	-	*	-
	Christiansund ...	30·39	53	E	2	b	30·36	-·24	61	53	+ 13	ESE	6	bc	3	61	48	-	*	-
	Skudesnaes ...	30·33	50	E	2	r	30·34	-·16	53	51	+ 5	N	0	o	2	59	48	o, r	*	*
BRITISH ISLANDS.	Sumburgh Head	30·28	50	ENE	2	c	30·15	-·28	52	51	+ 3	ESE	4	o.	6	54	48	o, c	*	-
	Stornoway ...	30·14	55	N	0	b	30·01	-·31	51	47	- 1	SSE	5	o	5	62	43	b	11·6	-
	Malin Head ...	30·11	54	SE	3	c	29.94	-·36	51	49	+ 2	SSE	6	ogm	3	59	48	bc, c	*	-
	Blacksod Pt. ...	30·04	57	S	4	c	29·83	-·42	57	55	+ 5	S	7	rgm	6	58	52	c	*	0·08
	Valencia	30·07	55	SSE	4	o	29.89	-·37	56	55	+ 3	SSE	5	rgm	5	58	53	o	0·0	0·20
	Roche's Point ...	30·15	55	S	3	o	30·01	-·31	56	54	+ 2	S	5	om	4	59	53	c, o	*	-
	Parsonstown ...	30·12	55	N	0	c	29.98	-·34	54	52	+ 8	SE	2	o	*	61	46	bc, c	8·0	-
	Donaghadee ...	30·16	53	SSW	1	b	30·09	-·28	54	51	+ 10	S	2	c	2	57	43	-	*	-
	Liverpool Obsy.	30·18	52	NW	1	c	30·19	-·18	47	45	+ 3	SSE	1	c	1	54	41	om, c	*	-
	Holyhead	30·18	51	S	1	cm	30·13	-·22	54	51	+ 6	S	3	om	2	56	47	c, cm	*	-
	Pembroke (St. Ann's)	30·19	54	WSW	3	o	30·13	-·20	56	55	+ 7	SSW	5	og	4	57	48	o, g	4·8	-
	Scilly (St. Mary's)...	30·19	55	SSE	4	o	30·08	-·25	55	52	+ 2	S	4	c	3	60	48	c, o	4·5	-
	Jersey (St. Aubins)...	30·22	57	W	3	cm	30·27	-·05	56	51	+ 2	S	3	b	3	61	45	bc, cm	7·7	-
	Portland Bill ...	30·19	55	NW	1	c	30·24	-·07	55	50	+ 4	SW	1	c	1	59	50	c	*	-
	Dungeness ...	30·17	55	N	2	cw	30·28	+·04	52	49	- 1	N	1	bc	0	61	43	c, cu	6·8	-
	Wick	30·31	50	S	3	bc	30·11	-·27	54	53	+ 4	SE	3	c	3	54	49	-	*	0·04
	Nairn	30·16	49	E	2	bc	30·08	-·29	47	45	+ 3	N	0	b	0	58	42	-	*	-
	Aberdeen ...	30·23	49	ENE	2	ov	30·13	-·27	52	51	+ 5	S	3	o	2	52	46	ov, or, f	0·1	0·04
	Leith	30·19	50	NE	1	c	30·15	-·21	50	47	+ 4	NE	1	bcm	*	55	42	-	*	-
	North Shields ...	30·17	51	N	3	c	30·16	-·19	53	49	+ 7	W	2	bm	3	54	44	c	*	-
	Spurn Head ...	30·10	52	NNW	4	c	30·21	-·07	50	48	- 3	SW	2	bc	2	55	46	-	*	-
	Yarmouth ...	30·07	53	NW	4	omg	30·24	+·03	48	46	- 7	W	3	b	3	55	43	cp, og	*	0·04
	Nottingham ...	30·16	53	NNW	1	c	30·22	-·12	40	39	- 8	NW	1	f	*	58	36	-	6·0	-
	Oxford	30·20	49	SSW	1	o	30·26	-·07	49	47	+ 3	SSE	1	bc	*	59	40	bc, o	*	-
	London (Brixton)...	30·17	52	N	0	bc	30·27	·00	47	46	- 2	N	0	bmw	*	61	38	bc, b	6·2	-
GERMANY, &c.	The Scaw (Skagen)	30·32	56	ESE	4	o	30·33	-·05	54	54	+ 4	E	4	m	1	57	50	-	*	0·16
	Fanö	30·20	49	ESE	2	b	30·29	+·17	47	46	- 6	N	0	c	*	61	45	-	*	-
	Cuxhaven ...	30·14	54	SSE	2	o	30·30	+·28	47	46	- 5	S	1	b	*	55	46	o, f	*	-
	The Helder ...	30·01	53	S	1	bc	30·26	+·22	57	51	+ 4	W	2	b	1	59	50	-	*	0·16
	Brussels	*	*	*	*	*	30·33		53	50		SW	1	b	*	53	43	-	*	0·08
	Berlin	30·20	54	N	0	b	30·25	+·10	51	50	+ 2	N	0	r	*	55	48	-	*	0·08
	Frankfürt ...	30·23	52	S	1	o	30·38	+·25	50	49	+ 1	S	2	o	*	55	48	-	*	0·04
	Munich	30·25	46	SW	2	o	30·33	+·18	48	46	+ 4	W	2	o	*	50	43	-	*	0·04
FRANCE.	C. Gris Nez ...	30·13	52	WNW	3	o	30·23	+·01	50	48	- 4	S	2	o	1	59	48	-	*	-
	Brest	30·22	57	NE	1	c	30·21	-·11	53	51	+ 4	ESE	3	b	3	59	49	-	*	-
	Lorient	30·18	56	NW	2	bc	30·23	-·07	54	51	+ 4	ESE	3	bc	2	63	48	-	*	-
	Rochefort ...	30·21	57	NW	2	b	30·24	-·03	50	49	0	SE	2	b	*	64	48	-	*	-
	Biarritz	30·25	62	N	1	b	30·21	-·11	50	48	- 4	E	4	b	0	66	45	-	*	-
	Paris	30·20	53	SE	1	c	30·31	+·09	48	47	+ 2	SE	2	b	*	61	44	-	*	-
	Belfort	30·15	47	WSW	2	o	30·31	+·18	40	40	- 2	N	0	f	*	56	37	-	*	-
	Lyons	30·25	47	NNW	1	c	30·32	+·11	44	41	- 4	ESE	1	b	*	56	38	-	*	0·08
	Nice	30·05	56	N	0	c	30·13	+·17	55	50	+ 4	N	0	b	3	66	50	-	*	-
	Perpignan ...	30·19	59	N	2	b	30·27	+·07	49	45	- 7	SW	1	b	*	68	42	-	*	-
SPAN. PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)	30·05	72	SW	4	o	29.97	-·17	70	68	0	WSW	4	o	3	75	68	-	*	0·12
	" (Horta) ...	30·02	69	SW	2	o	30·00	-·09	66	63	- 3	NW	2	o	2	75	66	-	*	0·08

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

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

WEATHER CHARTS

FOR THURSDAY, 17TH SEPTEMBER, 1903.

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

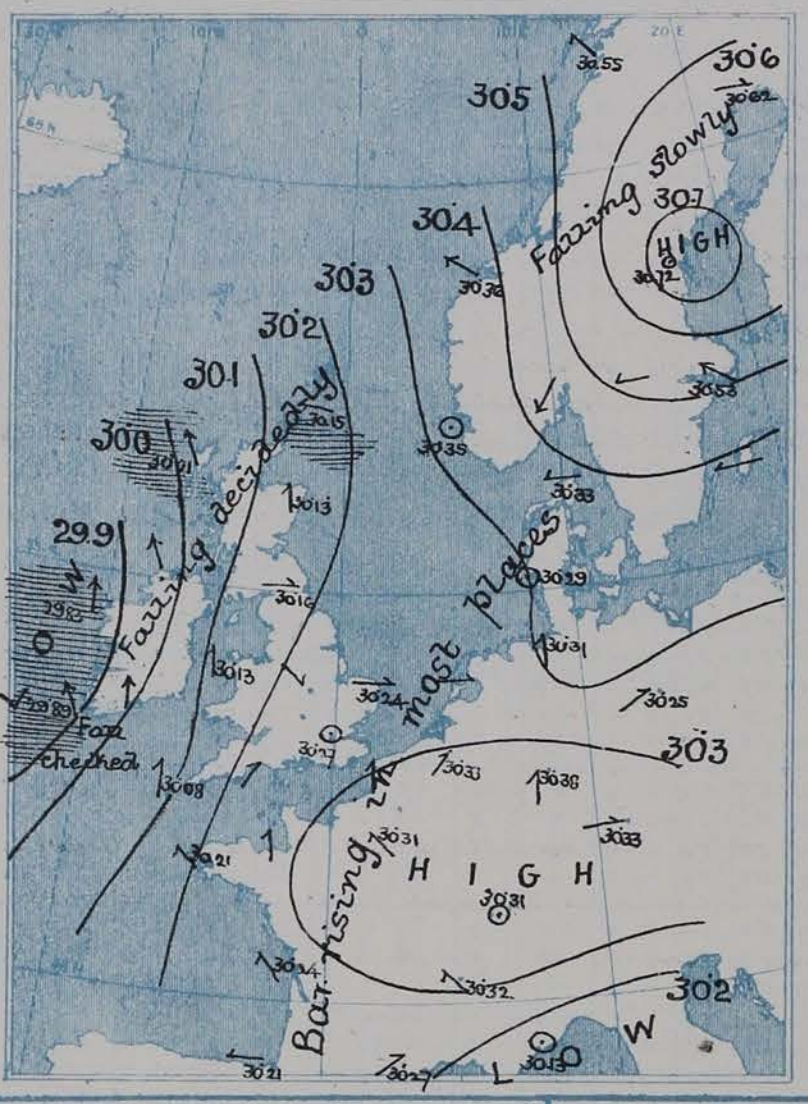
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟫ — *Force 5 to 7* ⟶ — } Calm ⊙

Force 8 to 10 ➤ — *Force 1 to 4* ⟶ —

SEA.—Rough ▒ *High* ▬

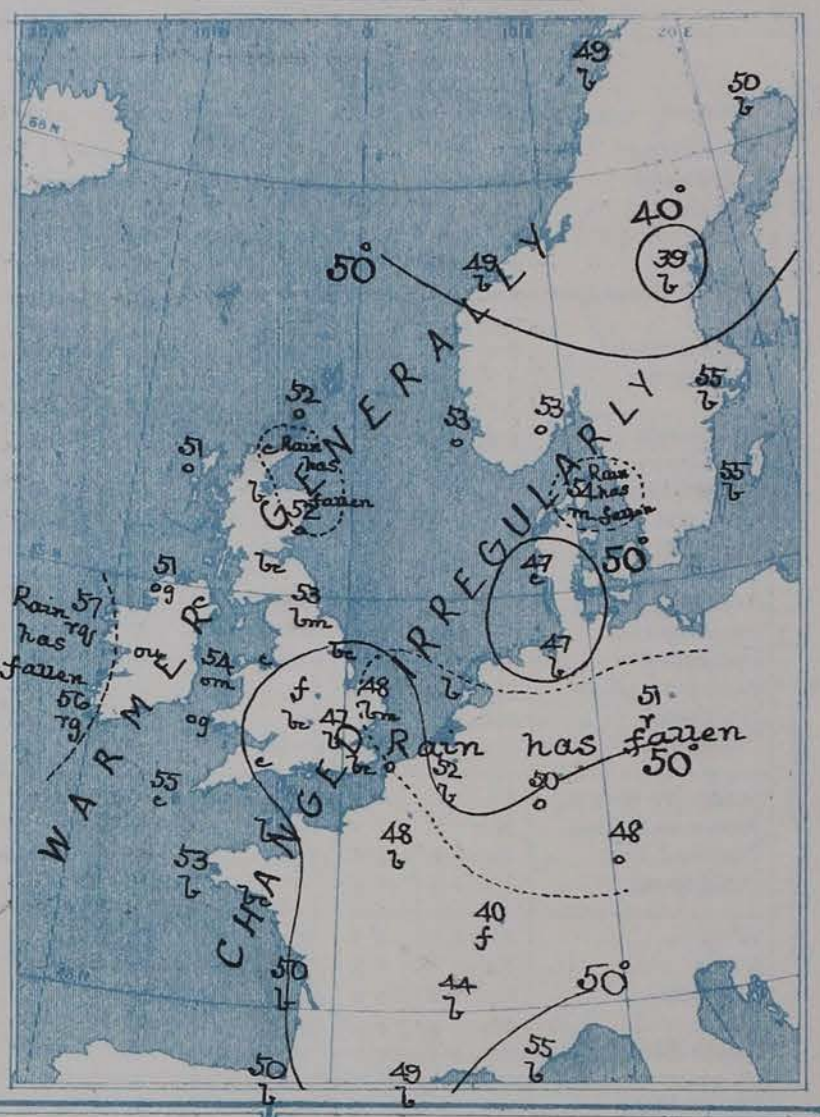


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

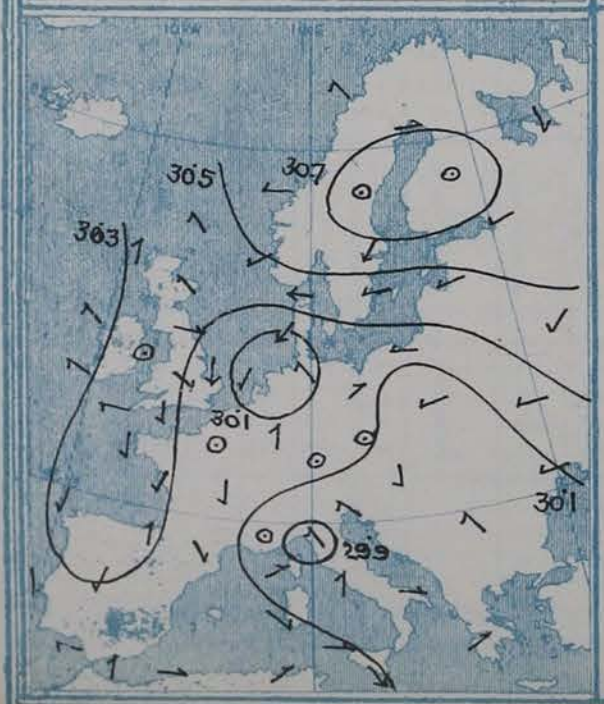
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—·76



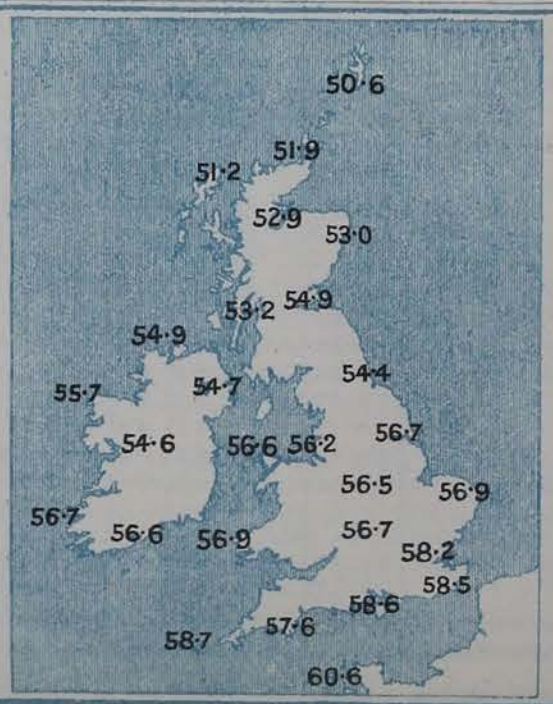
III. BAROMETER AND WIND

Yesterday morning.



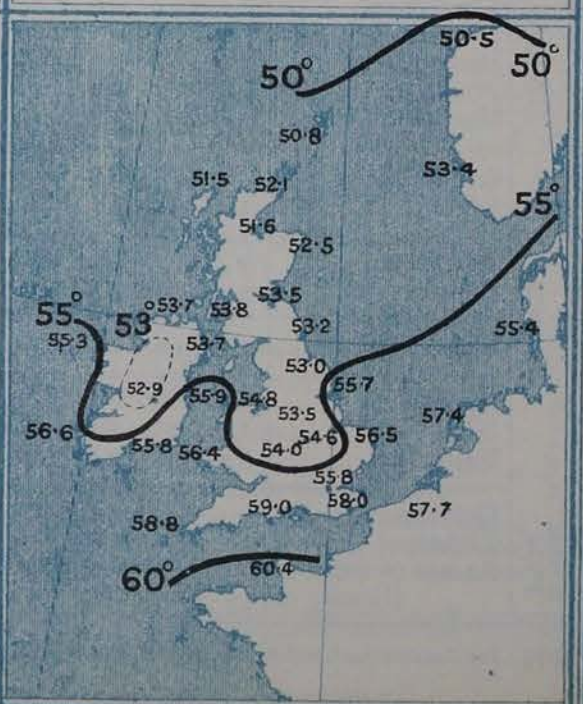
IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES

Combined for the month of SEPTEMBER (1871-1900).



V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period SEPTEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The area of high pressure has, during the night, been transferred to Scandinavia, where the barometer has risen to the very high level of 30·75 ins. on the east coast of Sweden. Over the United Kingdom the barometer has fallen, the rate of fall over England and Ireland being remarkably uniform. There are indications of the existence of a disturbance at some distance outside the Irish coast, and a depression is now in course of formation over the northwest of Germany, where pressure is giving way somewhat decidedly.

WIND

TEMPERATURE

WEATHER

AND

SEA

S^{ly} or SE^{ly} breezes prevail over Ireland and Scotland, E.^{ly} on the southwest coasts of England, and N^{ly} over the midland and eastern counties. At Yarmouth and Spurn Head a fresh wind is reported, light breezes being in the ascendant in all other districts. Strong E^{ly} to NE^{ly} winds are blowing over Denmark and southern Scandinavia, under the influence of the German disturbance, but over the rest of the continenal districts the winds are mostly moderate or light from various directions. Rain is falling in Holland, North Denmark and Bavaria, everywhere else the weather is dry, but the sky varies from cloudless to overcast. Temperature has changed irregularly, being still low. Present readings range from 41° at Bath and 44° at Nairn, to 54° at Jersey and Roche's Point; on the continent from 42° at Belfort to 46° at Paris, 51° at Nice and 60° in Corsica. The sea is moderate off Yarmouth, Spurn Head and Sumburgh Head, slight to very smooth elsewhere.

Temperature yesterday reached 62° at Nairn and 61° at Parsonstown, while Nottingham, Liverpool and Sumburgh Head had 53°, and Birmingham only 51°. Bright sunshine ranged from 0·4 hour at Nottingham and 0·5 hour at Manchester to 10 hours at Aberystwyth, 10·1 hours at Aberdeen, Southport and Parsonstown, and 10·6 hours at Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

With the transfer of the anticyclonic system to Scandinavia, the type of conditions is becoming favourable to the march of Atlantic disturbances on a southeasterly course outside our southwestern coasts; others of a secondary character moving up the North Sea. Unsettled weather, therefore, seems to be developing, with SE^{ly} to E.^{ly} winds in the south and west, and N^{ly} winds in the east and north.

FORECASTS*

For the 24 hours ending at NOON on 17th September, 1903.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S^{ly} to E.^{ly} winds, light or moderate; fair or fine, cool.
1	SCOTLAND EAST	SE^{ly} to NE^{ly} winds, freshening; dull to unsettled, some rain, cool.
2	ENGLAND N.E.	N^{ly} winds, light to strong; fair to unsettled, some rain, cool.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as No. 0.
7	ENGLAND N.W.	Same as Nos. 2 to 5.
8	ENGLAND S.W.	E^{ly} breezes, light to fresh; fair to unsettled, showers, cool.
9	IRELAND NORTH	Same as No. 0.
10	IRELAND SOUTH	Same as No. 8.
	WARNINGS	None issued.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	8	*	56	46	8,c	6.5	–
Bath	30.46	50	NW	1	8	30.33	-.20	41	41	-.06	W	1	8	*	54	37	–	1.0	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	56	36	8, c, 8	10.1	–	Broadstairs...	*	*	*	4.1	*
Rhyl, to 6 p.m.	*	*	*	9.5	*	Margate	57	51	8, c, p	4.0	0.04
Llandudno	*	*	*	9.9	*	Lowestoft, to 6 p.m. ...	54	46	c o, c	1.2	0.01
Aberystwyth, to 6 p.m. ...	58	51	8c	10.0	–	Skegness	*	*	*	1.3	*
Plymouth, to 9 p.m.... ...	55	46	o, 8c	4.0	–	Scarborough, to 6 p.m. ...	58	*	*	7.3	*
Worthing	*	*	*	6.0	*	Harrogate, to 6 p.m. ...	55	38	c,w, 8cw	4.7	0.03
Brighton	60	*	*	6.5	*	Manchester, to 9 p.m. ...	56	39	8c, g, 8c	0.5	–
Eastbourne, to 6 p.m. ...	57	*	*	7.5	*	Darwen, to 9 p.m.	54	38	8e, 8vw	5.3	–
Hastings	*	*	*	6.4	*	Birmingham, to 9 p.m. ...	51	40	o, c, o	0.6	–

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

STATIONS. 15th Sept. 1908.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS. 14th Sept. 1908.	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. Ins. Measured 7 a.m.
Marseilles	64	50	o, 8c	–	Geneva	54	*	o	0.71
Utrecht...	59	48	c, c	–	Berne	46	*	r	1.18
Copenhagen	55	50	o, o	–	Lucerne	46	*	r	1.65
Prague	61	46	8c, r	0.24	Coire	41	*	o	1.58
Vienna	63	50	c, r	0.08	Castasegna	57	*	o	2.44
Buda-Pesth	79	59	8c, c	?	Lugano	52	*	r	0.95
St. Petersburg	59	46	r, o	0.20					
Rome	81	63	o, 8c	–					
Malta	69	72	8	–					
Madeira (Funchal)	Not	rec^d							

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores (Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

16th Sept. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.30	1.48	6.6
Greenwich	5.38	11.55	6.12
Wick	5.45	12.7	6.29
Valencia	6.18	12.36	6.54

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Friday, 18th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW.** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
Scandinavia.	Haparanda ...	30·61	42	W	2	3	30·64	+·02	37	37	−13	NE	2	f	*	55	37	–	*	–
	Hernösand ...	30·71	42	N	0	f	30·72	·00	42	42	+3	N	0	3	*	42	39	–	*	–
	Stockholm ...	30·62	52	N	0	3	30·67	+·14	55	53	0	ENE	2	3	*	59	48	–	*	–
	Wisby	30·55	55	N	0	3	30·56	+·20	54	51	−1	E	2	3	*	63	50	–	*	–
	Karlstad	30·58	54	N	0	3	30·67	+·18	50	49	−2	NNE	2	3	*	*	*	–	*	–
	Færder (X'iania Fjord)	?30·50	58	NE	2	3	30·60	+·15	55	53	+2	ENE	5	0	2	59	52	–	*	–
	Bodö	30·52	55	N	0	3	30·56	+·01	53	46	+4	SE	4	3	2	55	45	–	*	–
	Christiansund ...	30·46	55	ENE	1	3	30·56	+·20	53	52	−8	E	1	m	3	63	50	–	*	–
	Skudesnaes ...	30·47	54	N	0	0	30·52	+·18	52	51	−1	E	2	3	2	55	50	–	*	*
British Islands.	Sumburgh Head	30·23	52	SE	5	0	30·34	+·19	51	50	−1	SE	5	c	6	55	50	3c, o	*	–
	Stornoway ...	30·04	56	S	6	r	30·14	+·13	57	51	+6	S	4	0	*	60	50	o, r	3·2	0·01
	Malin Head ...	29·97	56	SSE	6	ogmp	30·05	+·11	54	52	+3	SE	7	ogm	4	57	51	g, o, op	*	–
	Blacksod Pt. ...	29·90	57	SSE	6	rm	29·93	+·10	59	56	+2	SE	5	cm	4	59	56	rgm, r	*	0·28
	Valencia	29·89	57	SSE	6	rmg	29·89	·00	58	56	+2	ESE	7	op	6	60	55	rg, rgm	0·0	1·34
	Roche's Point ...	30·01	59	S	4	0	30·05	+·04	57	55	+1	S	6	om	4	59	55	0	*	0·01
	Parsonstown ...	30·02	57	SE	3	c	30·04	+·06	58	54	+4	ESE	4	c	*	61	53	p, c	1·2	0·02
	Donaghadee ...	30·12	56	SSW	4	c	30·19	+·10	56	54	+2	SSW	4	3c	3	58	53	–	*	–
	Liverpool Obsy.	30·23	56	SSE	2	0	30·29	+·10	51	48	+4	SE	2	3	?	59	46	3cm, c	*	–
	Holyhead	30·18	58	S	3	cm	30·22	+·09	58	53	+4	S	2	3m	1	59	50	cm	*	–
	Pembroke (St. Ann's)	30·19	58	S	6	3c	30·16	+·03	59	57	+3	SSE	6	3cg	4	59	55	–	6·4	–
	Scilly (St. Mary's)...	30·13	58	SSE	5	0	30·12	+·04	57	54	+2	SE	5	c	5	60	52	c, o	8·5	–
	Jersey (St. Aubins)...	30·27	59	ESE	4	3m	30·28	+·01	59	54	+3	ESE	5	3	4	62	52	3, 3m	10·5	–
	Portland Bill ...	30·28	56	S	3	3	30·26	+·02	60	56	+5	SE	3	3	2	64	55	3c, 3	*	–
	Dungeness ...	30·34	58	S	1	c	30·36	+·08	59	54	+7	ESE	1	3	0	63	52	3c, c	8·5	–
	Wick	30·08	54	SE	4	c	30·27	+·16	54	52	0	SE	4	3c	4	57	50	–	*	–
	Nairn	30·14	56	SW	1	m	30·24	+·16	54	51	+7	E	1	3c	1	64	45	–	*	–
	Aberdeen ...	30·23	51	SSE	3	3m	30·35	+·22	53	51	+1	SSE	3	3w	3	56	49	om, 3m	6·5	0·01
	Leith	30·19	57	S	1	c	30·30	+·15	54	50	+4	N	0	3	*	64	47	–	*	–
	North Shields ...	30·22	56	SE	1	cm	30·35	+·19	51	49	−2	SW	1	m	2	62	45	3m, cm	*	–
	Spurn Head ...	30·30	58	SSE	3	3c	30·38	+·17	57	55	+7	SE	2	3	2	62	47	–	*	–
	Yarmouth ...	30·32	58	SSE	3	3c	30·37	+·13	57	53	+9	E	3	3	3	58	45	3c	*	–
	Nottingham ...	30·28	55	SSE	1	o	30·35	+·13	51	48	+11	ESE	1	3	*	62	39	–	6·8	–
	Oxford	30·34	54	S	1	3c	30·35	+·09	53	50	+4	SE	1	3w	*	61	42	3cm	*	–
	London (Brixton)...	30·30	56	SSW	2	o	30·34	+·07	51	49	+4	SE	1	3	*	66	45	3c, o, 3	5·4	–
Germany, &c.	The Scaw (Skagen)	30·44	56	ENE	4	3	30·52	+·19	55	54	+1	E	3	m	1	57	54	–	*	–
	Fanö	30·39	54	NW	2	o	30·39	+·10	56	56	+9	NNE	3	o	*	59	46	–	*	–
	Cuxhaven ...	30·35	55	NW	1	o	30·31	+·01	56	55	+9	E	2	f	*	56	47	–	*	–
	The Helder ...	30·37	56	N	o	3	30·32	+·06	57	55	0	NNE	1	o	1	61	54	–	*	–
	Brussels	*	*	*	*	*	30·36	+·03	44	44	−9	N	0	f	*	63	42	–	*	–
	Berlin	30·25	53	NW	2	o	30·28	+·03	57	57	+6	N	0	f	*	57	54	–	*	0·08
	Frankfürt ...	30·39	54	NW	1	o	30·27	−·11	53	51	+3	N	2	o	*	59	50	–	*	0·28
	Munich	30·34	46	N	o	r	30·30	−·03	46	46	−2	SW	2	o	*	54	45	–	*	0·28
France.	C. Gris Nez ...	30·31	57	N	o	3	30·32	+·09	49	46	−1	ESE	3	3	1	63	48	–	*	–
	Brest	30·19	59	SE	4	3	30·15	−·06	56	54	+3	SE	4	3	4	61	52	–	*	–
	Lorient	30·24	60	SE	3	3c	30·16	−·07	53	51	−1	ESE	3	3	2	64	50	–	*	–
	Rochefort ...	30·23	63	ESE	2	3	30·17	−·07	50	48	0	E	3	3	*	73	48	3	*	–
	Biarritz	30·19	68	E	3	3	30·13	−·08	52	51	+2	E	3	3	1	72	48	–	*	–
	Paris	30·34	54	ESE	2	3	30·34	+·03	44	43	−4	ENE	1	3	*	64	41	–	*	–
	Belfort	30·30	51	ENE	2	o	30·24	−·07	47	46	+7	ENE	4	f	*	60	40	–	*	–
	Lyons	30·30	54	N	2	3	30·21	−·11	47	45	+3	NNW	2	3	*	62	44	–	*	–
	Nice	30·13	59	WSW	1	3	30·11	−·02	58	51	+3	ENE	1	3	2	68	50	–	*	–
	Perpignan ...	30·21	58	N	o	3	30·15	−·12	50	47	+1	SW	1	3	*	74	45	–	*	–
Span. Pen.	Corunna																		*	
	Lisbon	30·10	69	N	o	3	30·06	+·09	61	55	−2	N	3	c	*	79	57	–	*	–
	Azores (P. Delgada)	30·08	66	N	4	o	30·10	+·13	65	59	−5	NW	3	3c	1	73	63	–	*	–
	,, (Horta) ...	30·12	65	N	o	3c	30·13	+·13	63	56	−3	WNW	3	o	2	72	63	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR FRIDAY, 18TH SEPTEMBER, 1903.

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

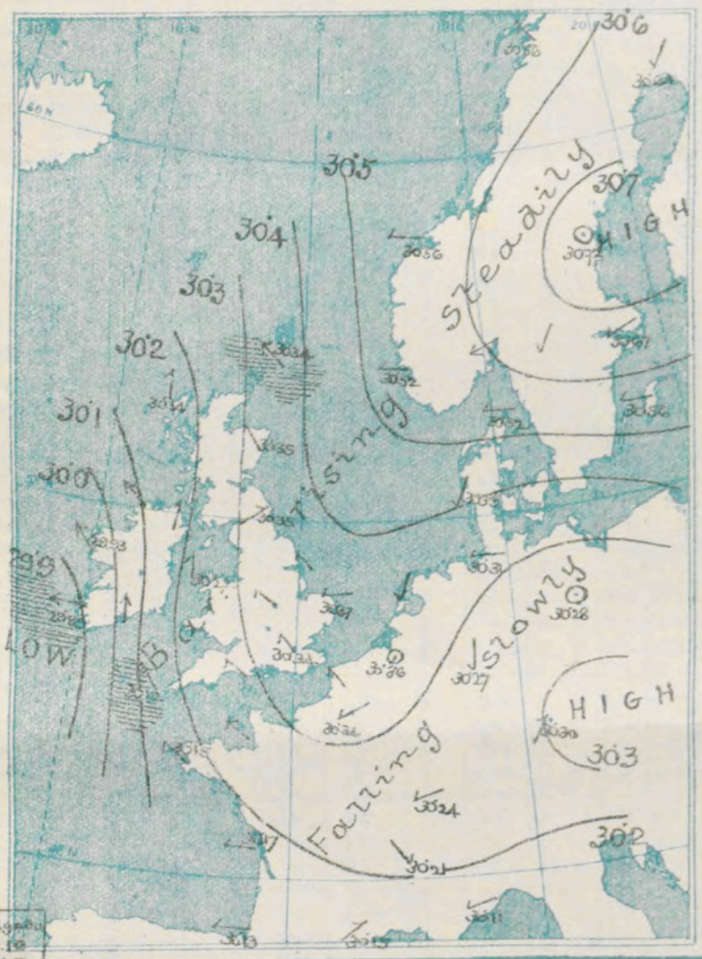
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ . } Calm ⊙

Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶

SEA.—Rough ▒ *High* ▓



II. TEMPERATURE AND WEATHER. *This Morning.*

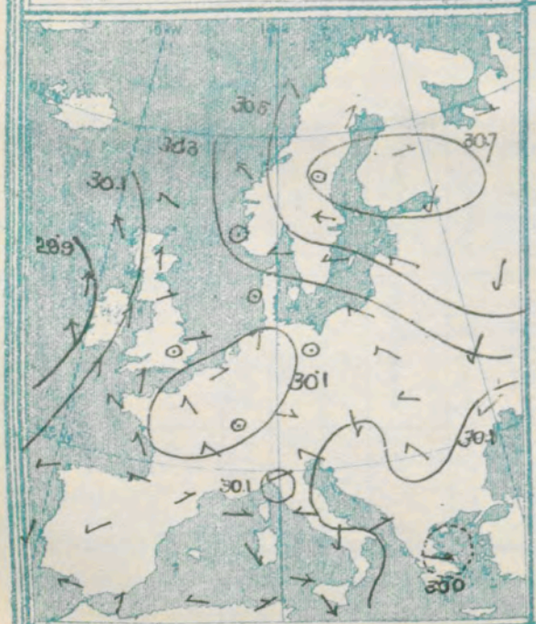
TEMPERATURE.—Isotherms are drawn for each 10°.

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

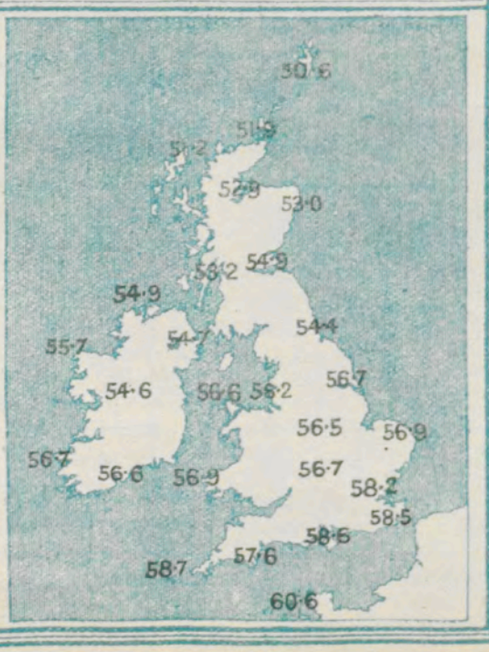
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus –·6

III BAROMETER AND WIND

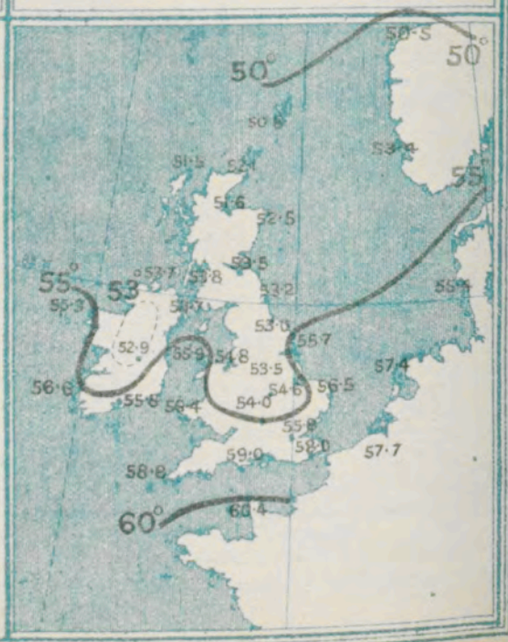
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *Combined for the month of* SEPTEMBER (1871-1900).



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* SEPTEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE — The region of highest pressure still occupies Scandinavia, with the barometer at Hernösand above 30·7 ins. Another anticyclone is now shown over a considerable portion of France and Germany with readings above 30·3 ins. Yesterday's depression over Holland has moved to the North Sea, where it appears to be filling up. All over our western and northern districts the barometer has given way rather decidedly, a large cyclonic system being indicated beyond the west of Ireland.

WIND, TEMPERATURE, WEATHER AND SEA — Over the southeastern quarter of England calms and very variable breezes prevail, but over the rest of the Kingdom a decided S^{by} current has become general, blowing fresh or strong at most western stations, a moderate gale at Blacksod. At some of the Scandinavian stations strong winds from between NE and SE are reported, but other parts of the Continent are experiencing light breezes from various quarters. Temperature has again changed irregularly. At Nottingham the present reading is 40° and at Bath 46°, most of the south and west coast stations being from 54° to 57°. On the Continent Belfort is 40°, Perpignan 49°, Corsica 60° and Christiansund 61°. The weather is fine but misty in the eastern districts, becoming very unsettled in the west, with squalls, mist, gloom and rain in Ireland. Fair or fine weather prevails extensively on the Continent. The sea is rough off Blacksod and Sumburgh Head, rather rough off Stornoway and Valencia, moderate to smooth elsewhere.

Temperature rose yesterday to 63° at Brighton and 62° at Stornoway, but only to 52° at Aberdeen. There was no bright sunshine at Valencia, and only 0·1 hr. at Aberdeen, while Aberystwyth & Eastbourne had 10 hrs. and Stornoway 11·6 hrs. Ground frost occurred inland at night, Oxford reporting 30° on the grass.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is assuming a very unsettled type, and the disturbance which is now approaching Ireland is likely to be followed by others moving on a NE^{by} course. S^{by} winds will therefore probably spread to all parts of the Kingdom, blow strongly at times and occasion some increase of temperature.

FORECASTS*

For the 24 hours ending at NOON on 18TH September, 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S^{by} winds, strong to a gale; fair to unsettled, some rain.
1	SCOTLAND EAST	SW^{by} to S^{by} winds, freshening; fine to unsettled, showery.
2	ENGLAND N.E.	
3	ENGLAND EAST	Light variable airs, to S^{by} moderate; fine generally, becoming less settled. Milder.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as No. 0
7	ENGLAND N.W.	Increasing S^{by} winds; fair to unsettled, some rain.
8	ENGLAND S.W.	S^{by} winds, moderate or fresh; fair to dull, some rain.
9	IRELAND NORTH	S^{by} to SW^{by} winds, fresh to a gale; squally unsettled, rain. Milder.
10	IRELAND SOUTH	
	WARNINGS	At 9 a.m today to districts 6, 9, 10 and part of 0, "Hoist South Cone."

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	m	*	58	43	b,8,c,l	6·2	–
Bath	30·18	45	w	1	b	30·24	–·09	46	45	+ 5	w	1	b	*	58	38	–	2·0	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	54	35	b, c, 8 m	7·1	–	Broadstairs...	*	*	*	3·5	*
Rhyl, to 6 p.m.	*	*	*	9·0	*	Margate	58	*	b, c	3·2	0·10
Llandudno	*	*	*		*	Lowestoft, to 6 p.m. ...	55	49	c, o, p, or	1·0	0·01
Aberystwyth, to 6 p.m. ...	56	50	8c	10·0	–	Skegness	*	*	*	2·8	*
Plymouth, to 9 p.m.... ...	59	47	b	8·8	–	Scarborough, to 6 p.m. ...	54	*	*	3·8	*
Worthing	*	*	*	8·8	*	Harrogate, to 6 p.m. ...	57	36	c, w, 8c	9·0	–
Brighton	63	*	*	8·4	*	Manchester, to 9 p.m. ...	56	32	w, g, 8cm	1·0	–
Eastbourne, to 6 p.m. ...	60	*	*	10·0	*	Darwen, to 9 p.m.	56	35	cm, w	5·6	–
Hastings	*	*	*	9·5	*	Birmingham, to 9 p.m. ...	57	41	o, c, b	3·4	–

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

STATIONS. 16th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. — Ins.	STATIONS.	Temperature, F. Dry	Temperature, F. Wet	Weather.	Rain. — Ins.
					15th Sept. 1903	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles	64	46	8c, 8c	–	Geneva	52	*	o	–
Utrecht...	54	50	o , o	0·47	Berne	46	*	o	0·28
Copenhagen	57	52	o , o	0·24	Lucerne	46	*	r	0·39
Prague	52	48	o , o	0·28	Coire	48	*	o	0·39
Vienna	57	48	r , o	0·04	Castasegna	54	*	o	0·32
Buda-Pesth	75	55	o , o	0·12	Lugano	55	*	r	0·12
St. Petersburg	55	43	b , b	–					
Rome	73	59	tlr , c	0·59					
Malta	77	68	o	–					
Madeira (Funchal)	Not	rec^d							

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.+ (W.E.T.)	6 p.m.+
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

17th Sept. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.31	11.48	6.4
Greenwich	5.39	11.55	6.10
Wick	5.47	12.7	6.26
Valencia	6.19	12.36	6.52

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 19th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
Scandinavia.	Haparanda ...	30·60	46	N	0	f	30·62	−·02	40	40	+ 3	N	0	f	*	52	36	–	*	–
	Hernösand ...	30·63	50	N	0	b	30·63	−·09	47	45	+ 5	N	0	b	*	61	36	–	*	–
	Stockholm ...	30·66	52	N	0	b	30·65	−·02	47	46	− 8	N	0	b	*	63	48	–	*	–
	Wisby	30·59	51	N	0	b	30·59	+·03	54	51	0	N	0	b	*	63	48	–	*	–
	Karlstad	30·64	54	N	0	b	30·67	·00	47	45	− 3	ENE	2	b	*	*	*	–	*	–
	Færder (X'iania Fjord)	30·61	59	NNE	2	b	30·65	+·05	52	50	− 3	NNE	2	b	1	59	52	–	*	–
	Bodö	30·62	50	E	1	b	30·61	+·05	53	49	0	SE	2	b	1	61	48	–	*	–
	Christiansund ...	30·58	53	SW	1	b	30·59	+·03	54	52	+ 1	ESE	1	b	1	59	48	–	*	–
	Skudesnaes ...	30·52	55	N	0	b	30·57	+·05	59	54	+ 7	ENE	4	b	2	59	52	b	*	*
British Islands.	Sumburgh Head	30·38	51	SE	4	0	30·42	+·08	53	52	+ 2	ESE	3	o	6	56	50	bc,o	*	–
	Stornoway ...	30·17	60	N	0	b	30·25	+·11	50	49	− 7	N	0	b	0	65	43	o,b	6·1	–
	Malin Head ...	30·07	57	SE	7	bcm	30·13	+·08	54	51	0	ESE	6	bcm	4	61	51	c,bcm	*	–
	Blacksod Pt. ...	29·95	60	SE	5	bc	29·99	+·06	54	51	− 5	ESE	6	bcm	5	61	53	c,bc	*	0·08
	Valencia	29·88	60	SE	7	0	29·86	−·03	58	53	0	ESE	6	ogq	5	63	55	c,o	3·0	–
	Roche's Point ...	30·03	57	SSE	5	bcm	29·99	−·06	57	55	0	SSE	4	om	3	59	55	bc,bcm	*	–
	Parsonstown ...	30·06	58	NE	1	b	30·06	+·02	54	51	− 4	E	1	bc	*	63	50	bc,b	5·1	–
	Donaghadee ...	30·19	59	SSE	3	bc	30·17	−·02	55	53	− 1	SE	4	og	4	59	52	–	*	–
	Liverpool Obsy.	30·22	58	SE	2	b	30·13	−·16	57	54	+ 6	E	3	m	?	63	48	–	*	–
	Holyhead ...	30·18	60	SE	2	b	30·11	−·11	55	54	− 3	E	4	cm	3	65	49	bc,b	*	–
	Pembroke (St. Ann's)	30·11	59	SSE	5	b	30·03	−·13	54	53	− 5	E	5	cgm	4	62	50	–	10·0	–
	Scilly (St. Mary's)...	30·01	56	ESE	6	bc	29·91	−·21	57	54	0	ESE	6	c	5	60	53	b,bc	10·5	–
	Jersey (St. Aubins)...	30·14	62	ENE	5	bcm	30·01	−·27	56	53	− 3	ESE	5	cm	4	65	53	b,bcm	10·3	–
	Portland Bill ...	30·17	57	ESE	4	b	30·01	−·25	57	56	− 3	ESE	4	od	3	63	52	b	*	0·01
	Dungeness ...	30·22	59	ENE	4	og	30·12	−·24	56	54	− 3	E	4	c	2	63	54	b,og,p	8·8	0·03
	Wick	30·31	54	SE	4	c	30·35	+·08	53	52	− 1	SE	3	f	4	57	49	–	*	0·02
	Nairn	30·24	57	SE	1	m	30·30	+·06	53	52	− 1	E	1	m	2	68	39	–	*	–
	Aberdeen ...	30·35	52	SSE	2	bm	30·35	·00	53	53	0	ENE	3	f	3	58	50	bm,o,f	9·1	0·02
	Leith	30·26	60	SE	1	b	30·25	−·05	54	54	0	NE	2	f	*	67	45	–	*	–
	North Shields ...	30·30	54	E	2	b	30·24	−·11	55	55	+ 4	ESE	2	f	2	59	49	b,p,f	*	0·03
Germany, &c.	Spurn Head ...	30·27	54	NE	3	b	30·20	−·18	56	55	− 1	ESE	4	o	3	62	53	b,f	*	–
	Yarmouth ...	30·25	59	NNE	4	c	30·16	−·21	59	57	+ 2	E	5	b	4	62	53	bc,c	*	0·03
	Nottingham ...	30·21	57	E	1	b	30·16	−·19	54	53	+ 3	ENE	2	o	*	65	48	–	10·3	0·02
	Oxford	30·22	51	E	1	b	30·12	−·23	56	54	+ 3	E	2	o	*	64	50	b,c	*	–
	London (Brixton)...	30·22	58	ESE	1	bc	30·10	−·24	56	54	+ 5	ESE	2	c	*	68	51	b,bc,p	6·3	0·10
	The Scaw (Skagen)	30·53	58	ENE	3	b	30·58	+·06	54	52	− 1	E	3	b	1	61	54	–	*	–
	Fanö	30·39	56	E	4	b	30·40	+·01	54	52	− 2	E	4	b	*	66	50	–	*	–
	Cuxhaven ...	30·31	60	ENE	3	m	30·31	·00	54	53	− 2	E	3	b	*	61	54	–	*	–
	The Helder ...	30·23	58	E	1	o	30·21	−·11	59	58	+ 2	E	2	m	1	59	57	–	*	–
	Brussels	*	*	*	*	*	30·15	−·21	54	52	+ 10	E	2	b	*	55	44	–	*	0·04
	Berlin	30·28	61	W	0	b	30·30	+·02	53	50	− 4	SE	4	b	*	64	50	–	*	–
	Frankfürt ...	30·23	55	NE	1	b	30·23	−·04	54	53	+ 1	N	1	o	*	59	48	–	*	–
	Munich	30·24	47	NE	3	o	30·13	−·17	47	47	+ 1	W	2	r	*	54	43	–	*	0·16
France.	C. Gris Nez ...	30·20	58	NE	4	o	30·08	−·24	51	51	+ 2	ESE	3	m	1	63	48	–	*	–
	Brest	30·05	62	SE	4	b	29·91	−·24	53	49	− 3	E	4	b	4	64	52	–	*	–
	Lorient	30·06	59	ESE	3	b	29·91	−·25	51	49	− 2	ESE	5	bc	2	66	45	–	*	–
	Rochefort ...	30·04	63	ENE	4	b	29·84	−·33	49	48	− 1	E	4	b	*	75	46	b	*	–
	Biarritz	29·95	70	E	3	b	29·81	−·32	58	54	+ 6	ESE	3	b	2	77	52	–	*	–
	Paris														*				*	
	Belfort	30·12	49	ENE	4	o	30·07	−·17	44	43	− 3	ENE	5	m	*	57	41	–	*	–
	Lyons	30·09	54	ENE	1	o	30·04	−·17	50	43	+ 3	NNW	1	bc	*	64	44	–	*	–
	Nice	30·08	60	E	2	b	30·06	−·05	57	50	− 1	N	0	b	0	70	50	–	*	–
	Perpignan ...	30·04	58	N	0	b	29·93	−·22	55	53	+ 5	SW	1	bc	*	69	47	–	*	–
Span. Pen.	Corunna														*				*	
	Lisbon	29·94	63	SSW	4	bc	29·80	−·26	64	61	+ 3	S	3	r	*	?	61	–	*	–
	Azores (P. Delgada)	29·98	67	W	5	c	29·83	−·27	63	60	− 2	N	4	c	2	72	63	–	*	0·20
	,, (Horta) ...	29·97	68	W	4	o	29·91	−·22	64	59	+ 1	NW	3	o	2	72	63	–	*	0·16

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR SATURDAY, 19TH SEPTEMBER, 1903.

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

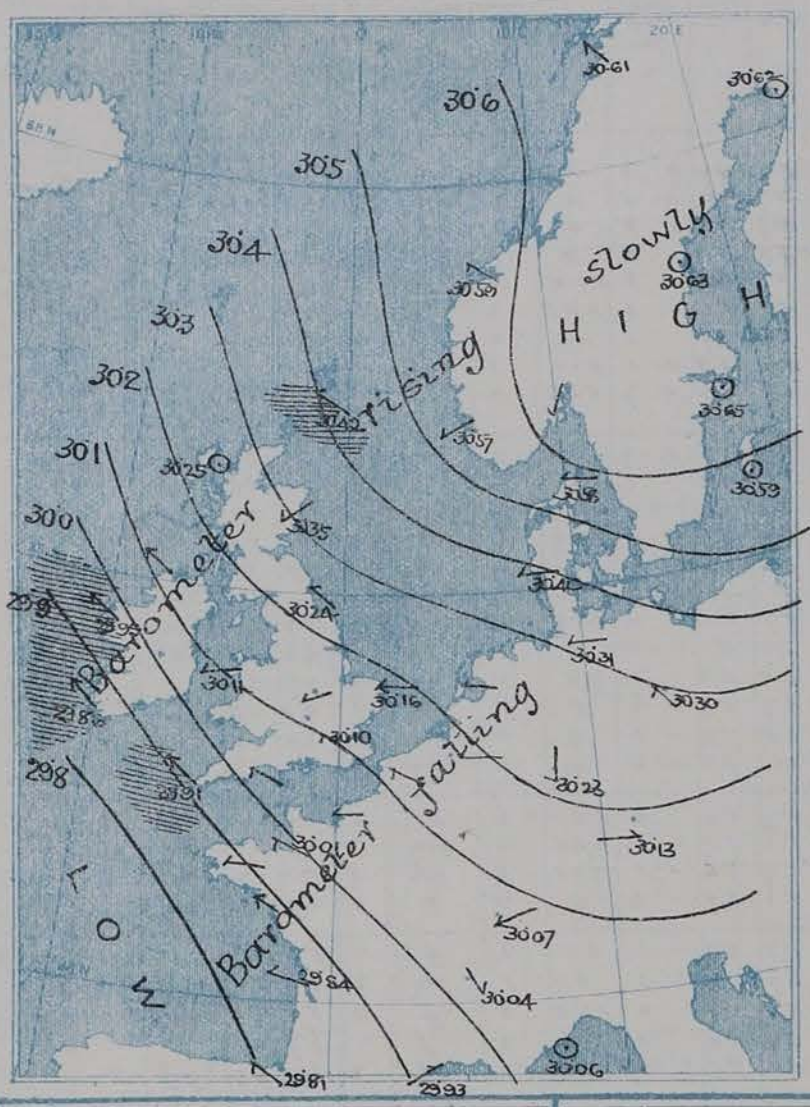
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟶⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶

SEA.—Rough *High*

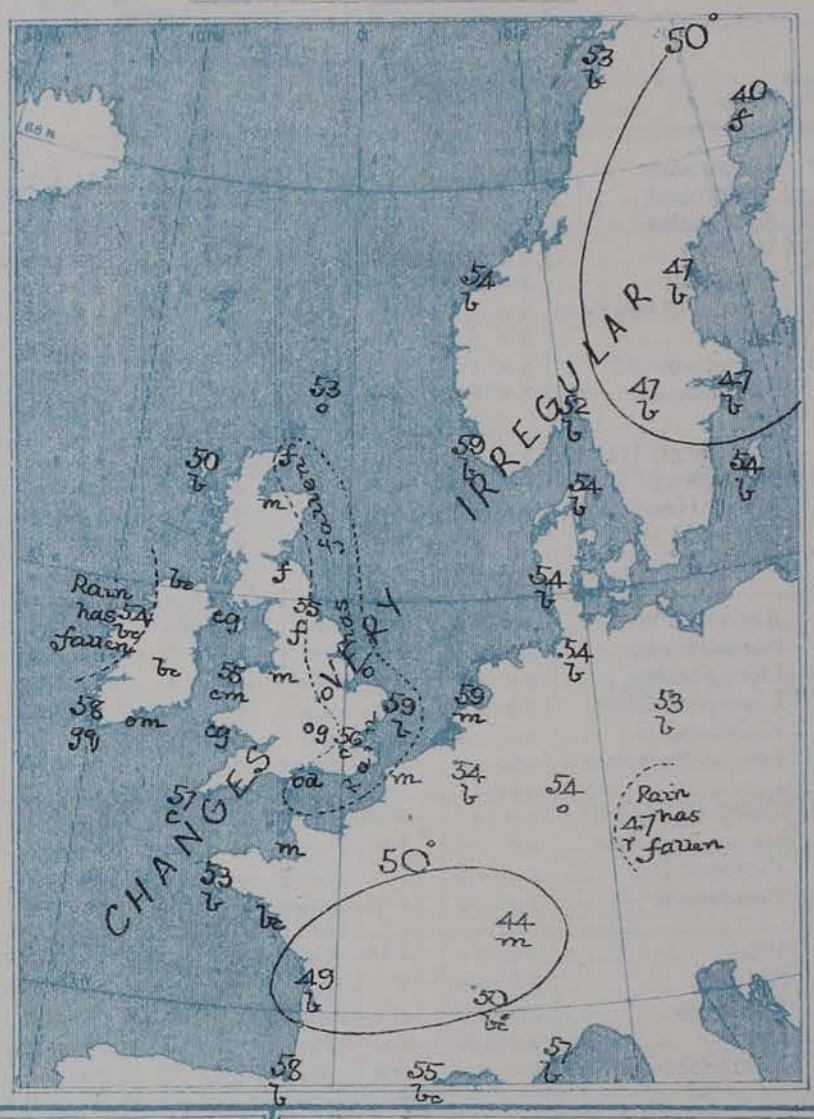


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

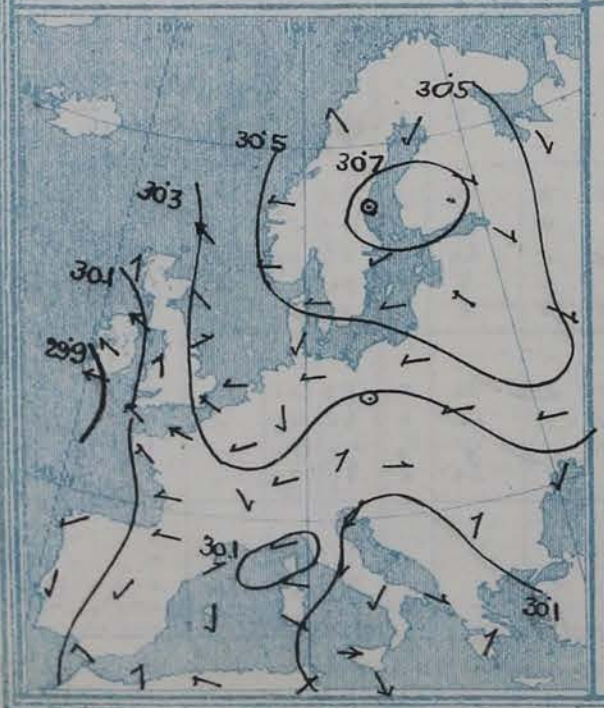
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

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

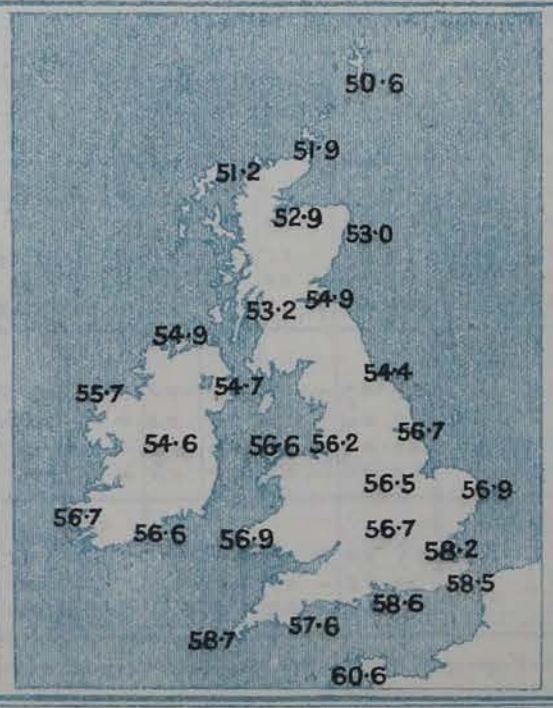


III BAROMETER AND WIND

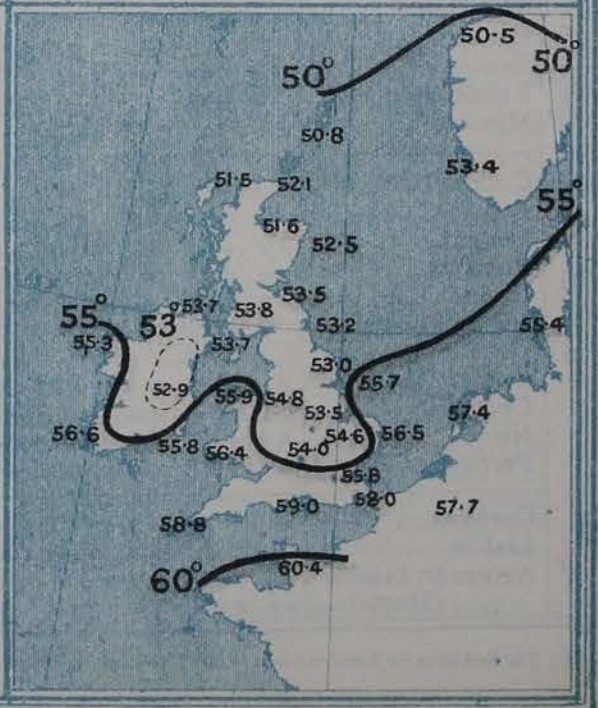
Yesterday morning



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *Combined for the month of* SEPTEMBER (1871–1900).



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* SEPTEMBER (1871–1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone which was yesterday over France and Germany has since moved eastward for Austria, but the high pressure region over Scandinavia is not only maintaining its ground but it is also increasing in intensity and expanding in a southwesterly direction across the North Sea and the British Isles. The Atlantic disturbances have consequently been unable to approach any nearer to our coasts, one of them being now indicated at some distance to the southwestward.

WIND

TEMPERATURE

WEATHER

AND

SEA

S^{by} to E^{by} winds are reported in all parts of the Kingdom, gentle to very light in force over nearly the whole of England and Scotland, but on the western and southwestern coasts fresh or strong breezes are being experienced, & at some of the Irish stations a moderate or fresh gale has been or is still being felt. Over the Continental regions light or moderate E^{by} to NE^{by} breezes prevail. With a few local exceptions temperature has increased over the whole of the area under observation, the present readings ranging from 51° at Sumburgh Head, Liverpool, Nottingham, Shields and in London to 60° at Portland Bill; and on the Continent from 37° at Haparanda, 44° at Paris and 50° at Perpignan, to 58° at Nice. Fine clear weather prevails over Britain, cloudy and dull, with local showers in Ireland (1·3 in. of rain has fallen at Valencia); while abroad, it varies from cloudless to overcast skies, with mist or fog in many places. The sea is rough off Valencia and Sumburgh Head, rather rough off Scilly, moderate to smooth elsewhere.

During yesterday temperature rose to 60° and upwards over most parts of the country, to 66° in London, Sumburgh Head reaching 55°. No bright sunshine was registered at Valencia, the records elsewhere ranging up to 10·5 hours at Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fully-developed anticyclone occupying northern Europe, keeps in check the disturbances on the eastern side of the Atlantic, the main systems tending to move northwards towards Iceland, the secondary ones keeping on a southeasterly course towards Spain and the Bay. Fine or fair weather is likely to predominate generally, with strong S^{by} to E^{by} winds in the west and southwest, and local showers.

FORECASTS*

For the 24 hours ending at NOON on 19TH September, 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S^{by} to SE^{by} breezes, fresh or strong; fair to dull, local showers.
1	SCOTLAND EAST	SE^{by} to E^{by} breezes, light or moderate; fine generally, morning mists. Milder.
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as No. 0
7	ENGLAND N.W.	Same as Nos. 1 to 5.
8	ENGLAND S.W.	SE^{by} to E^{by} winds, fresh to strong; gale in places, fair to dull, squally & showery. Milder.
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	The South Cone is still flying in districts 6, 9, 10 and part of 0.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	m	*	60	43	3w	9·5	–
Bath	30·27	53	NW	1	3	30·29	+·05	53	49	+7	E	1	3	*	61	44	–	3·5	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	60	39	3m, c, o	3·8	–	Broadstairs...	*	*	*	8.4	*
Rhyl, to 6 p.m.	*	*	*	3·3	*	Margate	63	44	3	7·3	–
Llandudno	*	*	*	2·8	*	Lowestoft, to 6 p.m. ...	60	43	3c, 3	9·0	–
Aberystwyth, to 6 p.m. ...	63	55	3c	8·0	–	Skegness	*	*	*	8·5	*
Plymouth, to 9 p.m.... ...	61	44	3c	8·2	–	Scarborough, to 6 p.m. ...	58	*	*	5·7	*
Worthing	*	*	*	4·4	*	Harrogate, to 6 p.m. ...	61	40	c, 3c	7·8	–
Brighton	62	*	*	4·3	*	Manchester, to 9 p.m. ...	62	35	3, 3c	4·1	–
Eastbourne, to 6 p.m. ...	61	*	*	7·0	*	Darwen, to 9 p.m.	57	37	3m, oc, omw	3·2	–
Hastings	*	*	*	8·0	*	Birmingham, to 9 p.m. ...	60	41	3, c, 3	4·1	–

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

STATIONS. 17th Sept. 1909.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. — Ins.	STATIONS. 16th Sept. 1909.	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. — Ins. Measured 7 a.m.
Marseilles	64	46	3, 3	–	Geneva	54	*	0	–
Utrecht...	59	43	0, 3	0·12	Berne	50	*	0	0·16
Copenhagen	57	54	f, f	0·43	Lucerne	52	*	0	0·24
Prague	57	48	0, f	–	Coire		Not	received.	
Vienna	61	54	0, 0	–	Castasegna	55	*	c	–
Buda-Pesth	72	55	3c, f	0·39	Lugano	55	*	0	0·04
St. Petersburg	55	41	3, 3	–					
Rome	70	59	3, 0	–					
Malta	73	69	3	–					
Madeira (Funchal)	Not	rec^d							

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m

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

18th Sept. 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.32	11.47	6.2
Greenwich	5.40	11.54	6.8
Wick	5.49	12.6	6.24
Valencia	6.20	12.35	6.50.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Sunday, 20th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	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. Hours.	Rainfall. Ins.
SCANDINAVIA	Haparanda ...	30·60	45	Z	0	b	30·50	-·12	50	49	+10	SW	2	b	*	57	40	—	*	—
	Hernösand ...	30·62	47	Z	0	b	30·58	-·05	45	45	-2	Z	0	f	*	66	41	—	*	—
	Stockholm ...	30·62	52	Z	0	b	30·60	-·05	50	48	+3	Z	0	b	*	64	39	—	*	—
	Wisby	30·59	49	Z	0	b	30·58	-·01	52	50	-2	Z	0	b	*	59	46	—	*	—
	Karlstad	30·64	51	Z	0	b	30·62	-·05	45	44	-2	NE	2	b	*	*	*	—	*	—
	Færder (X'iania Fjord)	30·62	57	NNE	2	b	30·62	-·03	52	50	0	WSW	2	b	1	59	52	—	*	—
	Bodö	30·67	49	W	2	f	30·58	-·03	46	45	-7	ESE	4	b	1	55	43	—	*	—
	Christiansund ...	30·62	55	E	1	b	30·65	+·06	51	50	-3	E	1	b	3	63	48	—	*	—
	Skudesnaes ...	30·56	57	Z	0	b	30·60	+·03	51	49	-8	Z	0	b	0	70	48	b	*	*
BRITISH ISLANDS.	Sumburgh Head	30·47	52	NE	3	b	30·49	+·07	55	51	+2	ENE	2	b	4	56	50	b	*	—
	Stornoway ...	30·26	58	SE	1	b	30·31	+·06	54	52	+4	SE	2	b	2	65	48	b	9·7	—
	Malin Head ...	30·14	56	ESE	4	bcm	30·15	+·02	55	53	+1	ESE	6	b	3	57	53	bcm	*	—
	Blacksod Pt. ...	30·03	60	E	3	cm	30·03	+·04	58	55	+4	E	5	om	4	62	54	bcm,cm	*	—
	Valencia	29·91	61	ENE	4	c	29·83	-·03	60	52	+2	E	5	bcgm	4	64	56	bcgm	5·5	—
	Roche's Point ...	29·97	58	ESE	4	om	29·88	-·11	59	56	+2	E	5	omq	5	60	54	0,om	*	—
	Parsonstown ...	30·03	59	E	1	b	29·98	-·08	58	55	+4	E	6	cq	*	62	53	—	4·9	—
	Donaghadee ...	30·16	58	SE	3	c	30·16	-·01	56	54	+1	ESE	5	bq	5	59	54	—	*	0·01
	Liverpool Obsy.	30·10	60	E	5	b	30·09	-·04	57	54	0	E	5	b	?	63	54	—	*	—
	Holyhead ...	30·07	60	E	4	bm	30·04	-·07	56	55	+1	E	6	bcgm	4	62	54	cm,bm	*	—
	Pembroke (St. Ann's)	29·98	59	E	5	bc	29·88	-·15	60	59	+6	E	5	bm	4	62	53	—	5·7	—
	Scilly (St. Mary's)...	29·86	58	E	6	c	29·73	-·18	58	55	+1	E	7	o	5	61	53	c	6·7	—
	Jersey (St. Aubins)...	29·89	60	ENE	5	bm	29·83	-·18	58	56	+2	E	5	cm	4	64	56	bm	10·0	—
	Portland Bill ...	29·97	59	E	5	b	29·89	-·12	59	57	+2	ESE	6	c	5	61	56	b	*	—
	Dungeness ...	30·01	62	E	6	o	?30·04	-·08	60	56	+4	ESE	5	om	4	63	56	bc,o	8·3	—
	Wick	30·40	51	SE	4	o	30·42	+·07	53	52	0	SE	3	bc	3	57	50	—	*	0·01
	Nairn	30·31	58	SSE	1	m	30·37	+·07	55	54	+2	E	1	bc	1	66	49	—	*	—
	Aberdeen ...	30·38	53	E	2	o	30·41	+·06	55	54	+2	E	3	b	3	55	50	om	0·0	—
	Leith	30·28	54	NE	2	f	30·30	+·05	55	54	+1	ENE	1	o	*	57	52	—	*	—
	North Shields ...	30·25	54	NE	2	f	30·25	+·01	55	54	0	ENE	4	m	4	55	52	f,r	*	0·03
	Spurn Head ...	30·15	57	ENE	4	o	30·16	-·04	58	56	+2	E	6	b	4	62	53	—	*	—
	Yarmouth ...	30·11	59	E	5	o	30·13	-·03	60	57	+1	E	5	b	5	62	55	c,om,w	*	—
	Nottingham ...	30·12	59	ENE	4	om	30·11	-·05	56	55	+2	E	3	o	*	65	53	c,o	3·0	0·01
	Oxford	30·06	60	E	3	o	30·04	-·08	60	57	+4	E	2	c	*	65	56	c,b,c	*	—
	London (Brixton)...	30·02	61	ENE	3	bc	30·02	-·08	60	57	+4	E	3	bc	*	68	56	b,bc,o	7·6	—
GERMANY, &c.	The Scaw (Skagen)	30·56	57	ENE	3	b	30·59	+·01	55	53	+1	ESE	3	b	0	59	54	—	*	—
	Fanö	30·43	53	ENE	4	b	30·45	+·05	51	50	-3	NE	3	b	*	66	48	—	*	—
	Cuxhaven ...	30·29	61	E	4	b	30·38	+·07	52	51	-2	E	3	b	*	64	52	—	*	—
	The Helder ...	30·15	61	E	3	b	30·22	+·01	56	53	-3	E	3	b	1	63	55	—	*	—
	Brussels	*	*	*	*	*	30·13	-·02	57	55	+3	ENE	3	b	*	66	52	—	*	—
	Berlin	30·30	60	E	3	b	30·37	+·07	53	51	0	E	3	b	*	68	50	—	*	—
	Frankfürt ...	30·15	59	E	1	b	30·23	·00	55	53	+1	N	1	b	*	68	50	—	*	—
	Munich	30·16	50	SE	4	c	30·22	+·09	50	49	+3	E	4	o	*	55	46	—	*	0·08
FRANCE.	C. Gris Nez ...	30·00	59	ENE	3	m	30·02	-·06	58	54	+4	E	5	m	3	64	51	—	*	—
	Brest	29·78	62	E	3	b	29·65	-·26	57	55	+4	E	4	bc	4	66	52	—	*	—
	Lorient	29·79	59	E	4	b	29·70	-·21	55	55	+4	ESE	4	bc	2	68	51	—	*	—
	Rochefort ...	29·75	66	E	2	b	29·75	-·09	63	59	+14	SE	4	o	*	73	49	—	*	—
	Biarritz	29·71	75	Z	0	bc	29·72	-·09	70	60	+12	SE	3	o	2	82	58	—	*	—
	Paris	29·95	61	ENE	2	b	30·00	-·06	54	52	+6	E	1	b	*	67	48	—	*	—
	Belfort	30·00	53	ENE	4	m	30·10	+·03	49	49	+5	ENE	5	f	*	62	44	—	*	—
	Lyons	?	60	ENE	1	b	30·06	+·02	57	51	+7	SE	1	b	*	71	48	—	*	—
	Nice	30·08	58	Z	0	b	30·08	+·02	59	53	+2	E	2	b	4	68	52	—	*	—
	Perpignan ...	29·83	68	S	3	o	29·96	+·03	63	62	+8	SE	3	o	*	82	55	—	*	0·08
SPAN. PEN.	Corunna																		*	
	Lisbon	29·87	64	SSW	6	r	29·54	-·26	60	58	-4	SE	5	r	*	64	59	l	*	1·22
	Azores (P. Delgada)	29·82	62	NNW	4	b	29·80	-·03	60	55	-3	NNW	5	b	3	68	59	—	*	0·02
	" (Horta) ...	29·94	62	NNW	3	o	29·91	·00	61	54	-3	NW	2	bc	3	70	59	—	*	—

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

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR SUNDAY 20TH SEPTR 1903.

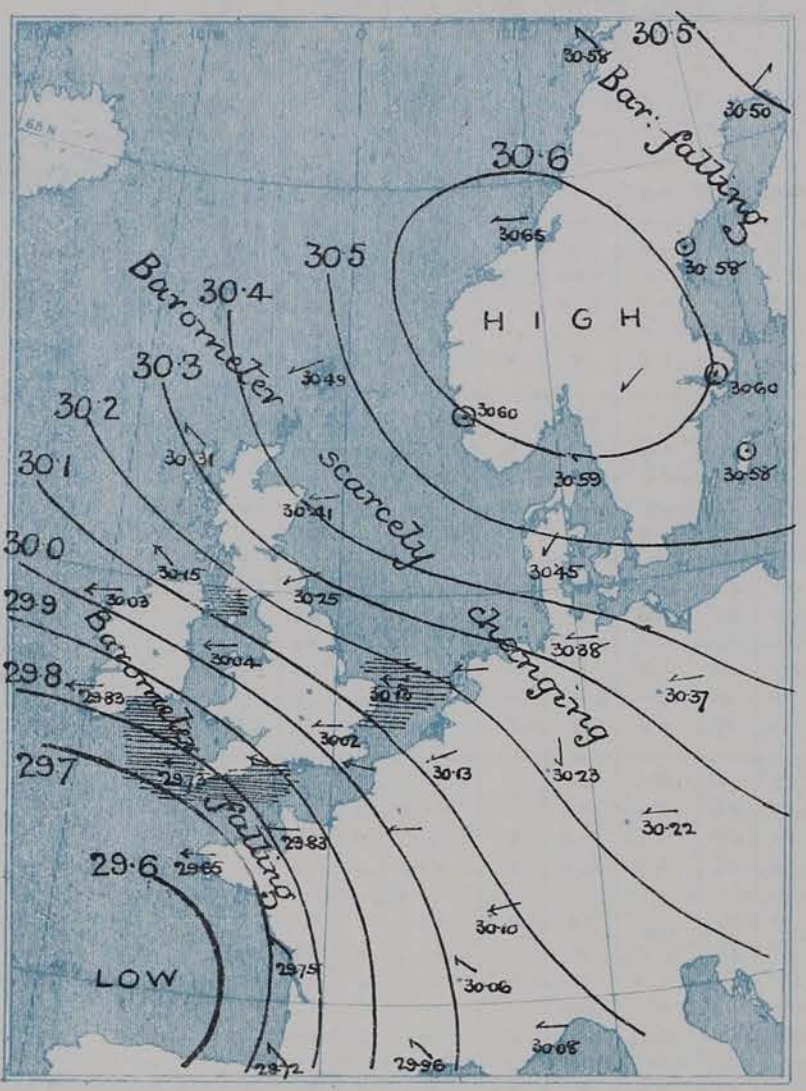
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

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

SEA.—Rough *High*

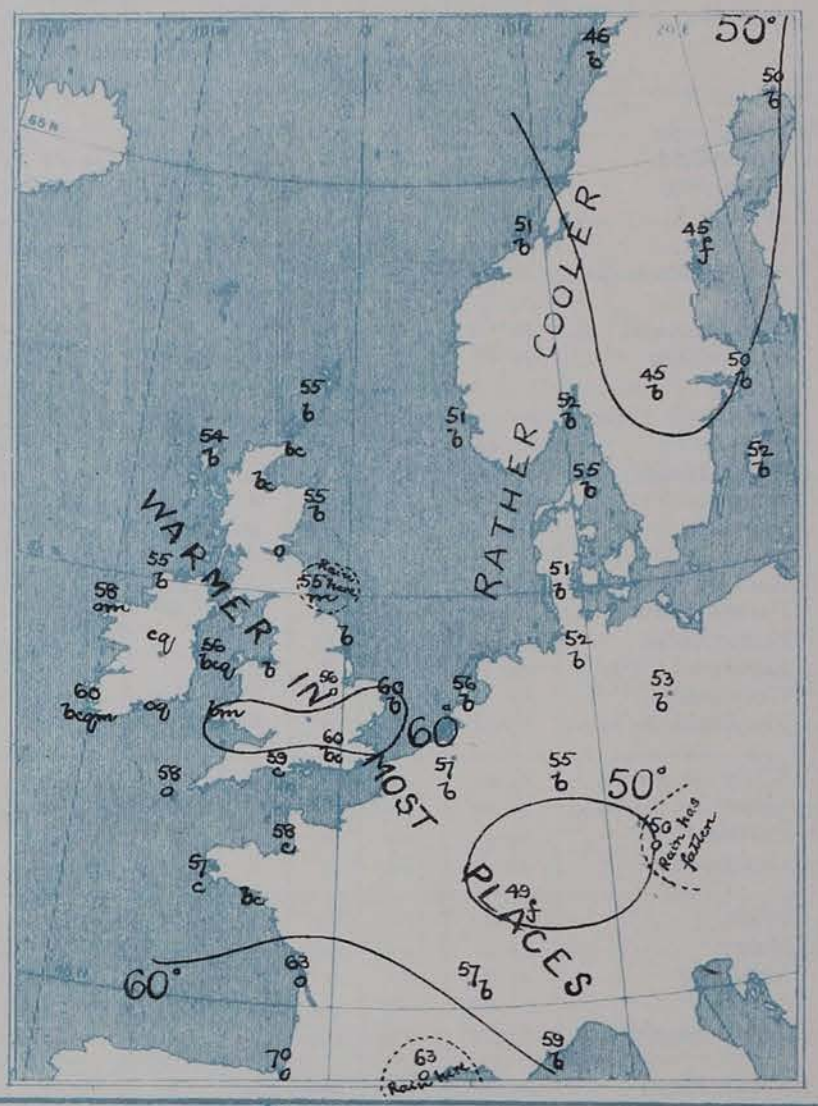


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

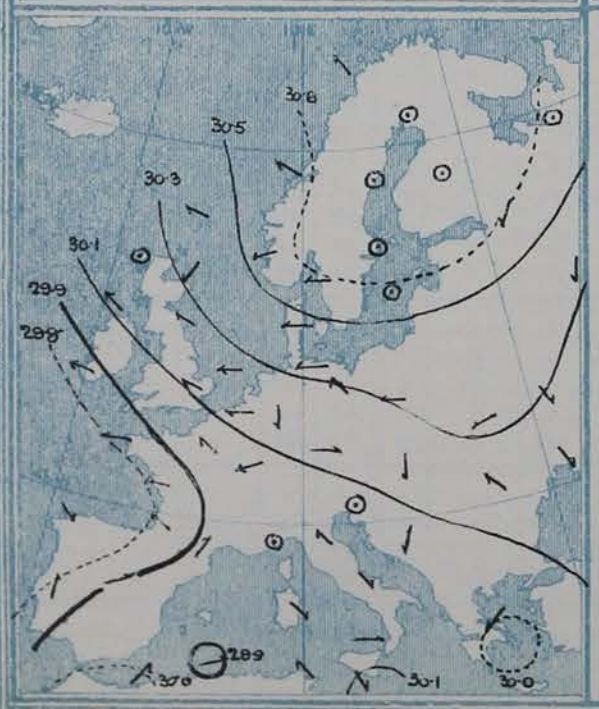
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



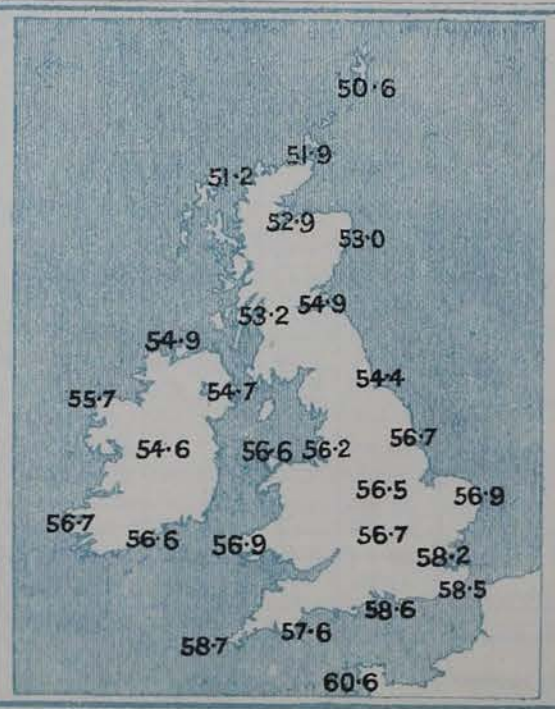
III. BAROMETER AND WIND

Yesterday morning.



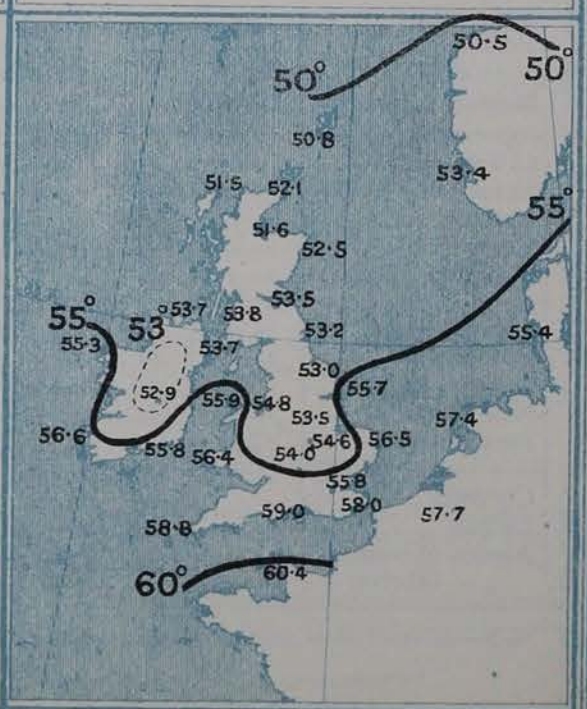
IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES

Combined for the month of SEPTEMBER (1871-1900).



V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period SEPTEMBER (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE — There has been a slight decrease of pressure in the central space of the northern anticyclone, the barometer being now below 30·7 ins., but the system is spreading westward in the direction of Iceland, and the barometer is rising at all our northern and western stations. Pressure remains relatively low outside the southwestern coasts and down the Bay of Biscay, and is giving way at a moderately brisk rate over our southern counties and France.

WIND, TEMPERATURE, WEATHER AND SEA — SE^{by} to E^{by} winds are reported in all parts of our Islands, blowing fresh or strong at most of the southwestern stations, from Jersey round to Malin Head, moderate to very light breezes prevailing over the rest of the Kingdom. On the coast of Sweden there is a calm at all stations, other Continental regions experiencing moderate or light E^{by} winds. The temperature changes are very irregular, the present readings ranging from 50° at Stornoway and 53° over the northeast of Scotland to 58° at Valencia and 59° at Valencia; and on the Continent from 40° at Haparanda and 44° at Belfort to 57° at Nice, 58° at Biarritz and 59° at the Helder and Skeudesnaes. Fog extends up our northeast coast, from the Tyne to the Pentland Firth, and elsewhere the sky is mostly cloudy to overcast, with a misty gloomy appearance at several situations in the west. As a rule the foreign stations report cloudless skies. The sea is rough off the Shetlands, rather rough off Scilly and the west of Ireland, moderate to very smooth on other coasts.

Temperature rose yesterday to 68° at Aberystwyth, Nairn and in London, and nearly everywhere else above 60°. Valencia had 3 hours of bright sunshine, but generally the records were very good for the time of year, in many instances 10 hours or more.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure has undergone no material modification in the past 24 hours, the anticyclone remaining in the north, and expanding westwards, while low pressure systems are situated beyond our southwestern coasts. SE^{by} to E^{by} winds, fresh over the southern districts, light further north, are likely to continue, with variable weather, clear to misty or foggy, with local showers.

FORECASTS*

For the 24 hours ending at NOON on 20th September, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E^{by} breezes, light or moderate; fair to fine inland, misty or foggy on coast.	6 SCOTLAND WEST	Same as Nos. 0 to 2
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	SE^{by} to E^{by} winds, moderate to strong; changeable, fair to dull & squally, some mist & showers.
3 ENGLAND EAST	E^{by} breezes, light to fresh; generally fair or fine, local slight showers, morning mist.	9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	None issued.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	b	*	61	54	b,m	10·2	0·01
Bath	30·19	53	E	1	b	30·07	−·22	56	54	+ 3	E	3	b	*	65	44	–	9·3	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	65	45	o, b	10·0	–	Broadstairs...	*	*	*	9·0	*
Rhyl, to 6 p.m.	*	*	*	8·0	*	Margate	63	46	b, c, w, r	8·3	0·01
Llandudno	*	*	*	10·9	*	Lowestoft, to 6 p.m. ...	60	45	b, w, bc, om	9·2	–
Aberystwyth, to 6 p.m. ...	68	59	b	10·0	–	Skegness	*	*	*	10·0	*
Plymouth, to 9 p.m.... ...	63	53	b	10·6	–	Scarborough, to 6 p.m. ...	61	*	*	9·7	*
Worthing	*	*	*	10·0	*	Harrogate, to 6 p.m. ...	62	40	cm, b, m	8·5	–
Brighton	66	*	*	9·8	*	Manchester, to 9 p.m. ...	67	48	b	8·7	–
Eastbourne, to 6 p.m. ...	61	*	*	10·7	*	Darwen, to 9 p.m.	61	45	b cm, b v w	8·8	–
Hastings	*	*	*	9·7	*	Birmingham, to 9 p.m. ...	63	44	b	9·9	–

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

STATIONS. 18th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS. 17th Sept. 1903	Temperature, F. Dry 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. Ins. Measured 7 a.m.
Marseilles	68	43	b, b	–	Geneva	57	*	c	–
Utrecht...	61	43	b, m	–	Berne	54	*	o	0·04
Copenhagen	59	55	o, b	?	Lucerne	52	*	o	0·04
Prague	54	50	r, o	?	Coire	52	*	o	–
Vienna	55	48	r, o	?	Castasegna	61	*	b	0·08
Buda-Pesth	64	52	o, r	0·32	Lugano	66	*	b	0·24
St. Petersburg	57	41	b, b	–					
Rome	71	51	b, bc	–					
Malta	73	66	b	–					
Madeira (Funchal)	Not rec^{d}								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡
Holland	8 a.m.(,, ,,)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m

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

19th Sept. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.34	11.47	6.0
Greenwich	5.42	11.54	6.6
Wick	5.51	12.6	6.21
Valencia	6.22	12.35	6.48.

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,, Weekly ,, ,, ,, £1 10 0 ,, Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Monday, 21st September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	30·34	45	SW	1	3	30·59	+·09	50	46	0	NW	2	3	*	54	41	–	*	0·64
	Hernösand ...	30·49	50	N	0	3	30·52	–·06	53	50	+8	N	0	3	*	63	41	–	*	–
	Stockholm ...	?	55	N	0	3	30·49	–·11	53	50	+3	N	0	3	*	66	45	–	*	–
	Wisby	30·51	48	N	0	3	30·45	–·13	49	46	–3	N	0	3	*	57	45	–	*	–
	Karlstad	30·56	50	N	0	3	30·54	–·08	51	49	+6	NW	2	3	*	*	*	–	*	–
	Færder (X'iania Fjord)	30·55	57	W	1	3	30·54	–·08	53	51	+1	N	2	3	1	59	52	–	*	–
	Bodö	30·59	?	W	4	0	30·54	–·04	51	49	+5	SW	4	0	2	51	43	–	*	–
	Christiansund ...	30·59	54	N	2	3	30·58	–·07	50	49	–1	E	2	f	2	61	50	–	*	–
	Skudesnaes ...	30·55	55	N	0	3	30·52	–·08	51	50	0	E	2	3	1	64	48	3	*	*
BRITISH ISLANDS.	Sumburgh Head	30·48	56	ENE	2	3	30·48	–·09	53	51	–2	ENE	2	3	4	60	49	3	*	–
	Stornoway ...	30·25	62	ESE	4	3	30·19	–·12	55	53	+1	SE	3	c	3	64	50	3	10·0	–
	Malin Head ...	30·05	57	E	5	cm	29·89	–·26	56	55	+1	E	6	3cm	4	59	55	3,cm	*	0·01
	Blacksod Pt. ...	29·90	62	E	5	3m	29·72	–·31	59	56	+1	E	7	cm	5	64	57	c,3m	*	–
	Valencia	29·70	63	E	7	omg	29·51	–·32	61	57	+1	E	7	og	5	69	57	3cg,omg	6·9	0·04
	Roche's Point ...	29·69	60	E	6	om	29·63	–·25	59	57	0	SE	6	rg	5	63	58	c,om	*	0·07
	Parsonstown ...	29·86	64	ESE	5	c	29·75	–·23	57	54	–1	E	6	3g	*	66	53	–	6·9	–
	Donaghadee ...	30·04	60	ESE	5	3cg	29·99	–·17	57	55	+1	ESE	6	3cg	6	60	55	3cg	*	–
	Liverpool Obsy.	30·03	63	E	4	3c	29·97	–·12	59	55	+2	E	5	3	?	67	55	–	*	–
	Holyhead	29·97	62	E	4	cp	29·85	–·19	60	56	+4	E	6	3cgm	4	64	55	3c,cp	*	–
	Pembroke (St. Ann's)	29·80	60	E	7	o	29·75	–·13	59	59	–1	E	7	ogw	5	62	55	3r,o	5·8	0·06
	Scilly (St. Mary's)...	29·70	60	E	6	r	29·66	–·07	58	58	0	E	5	r	5	62	55	c,r	1·1	0·30
	Jersey (St. Aubins)...	29·81	67	E	6	cg	29·74	–·09	60	57	+2	E	6	og	5	72	58	cg	5·8	–
	Portland Bill ...	29·89	62	E	6	c	29·79	–·10	60	57	+1	ESE	6	c	4	62	58	cm,c	*	–
	Dungeness ...	30·03	65	E	4	c	29·97	–·07	60	56	0	ESE	5	3c	4	66	57	c	8·3	–
	Wick	30·37	53	SE	4	3	30·33	–·09	54	52	+1	SE	4	3	3	59	51	–	*	–
	Nairn	30·29	60	SE	1	3	30·26	–·11	56	54	+1	E	2	c	2	68	48	–	*	–
	Aberdeen ...	30·36	54	ENE	2	c	30·31	–·10	55	54	0	ESE	4	3	3	58	51	3,c	9·3	–
	Leith	30·24	55	ENE	3	3c	30·19	–·11	57	55	+2	ENE	3	c	*	58	54	–	*	–
	North Shields ...	30·20	55	E	3	3m	30·17	–·08	56	55	+1	E	3	3m	4	58	53	3m	*	–
	Spurn Head ...	30·16	54	E	5	3	30·11	–·05	58	55	0	E	6	3	4	61	54	–	*	–
	Yarmouth ...	30·11	62	E	5	3	30·09	–·04	59	56	–1	E	6	3	5	62	56	3	*	–
	Nottingham ...	30·08	60	E	3	3	30·03	–·08	58	56	+2	E	3	3	*	67	53	–	7·2	–
	Oxford	30·03	58	E	1	3	29·94	–·10	59	55	–1	E	2	3w	*	68	54	3g	*	–
	London (Brixton)...	30·02	62	ESE	2	3o	29·95	–·07	59	55	–1	ESE	5	3w	*	69	55	3,3w	7·8	–
GERMANY, &c.	The Scaw (Skagen)	30·53	56	NE	1	3	30·52	–·07	55	54	0	N	0	3	0	59	52	–	*	–
	Fanö	30·45	52	E	2	3	30·46	+·01	50	49	–1	ENE	2	3	*	64	48	–	*	–
	Cuxhaven ...	30·39	60	E	3	3	30·40	+·02	53	51	+1	E	4	3	*	63	52	–	*	–
	The Helder ...	30·20	62	E	3	3	30·21	–·01	57	53	+1	ESE	3	3	2	66	55	–	*	–
	Brussels	*	*	*	*	*	30·09	–·04	55	52	–2	ENE	4	3	*	71	51	–	*	–
	Berlin	30·37	59	E	2	3	30·43	+·06	48	46	–5	ESE	3	3	*	66	45	–	*	–
	Frankfürt ...	30·20	60	NE	3	3	30·23	·00	54	51	–1	NE	2	3	*	72	48	–	*	–
	Munich	30·23	50	SE	4	3	30·20	–·02	48	47	–2	SE	5	3	*	59	43	–	*	–
FRANCE.	C. Gris Nez ...	30·02	63	E	4	3	29·95	–·07	54	51	–1	ESE	4	3	1	72	50	–	*	–
	Brest	29·65	62	E	4	o	29·63	–·02	58	57	+1	SE	2	o	3	66	57	–	*	0·43
	Lorient	29·65	66	SSE	4	o	29·67	–·03	60	59	+5	NW	2	r	2	70	55	–	*	0·32
	Rochefort ...	29·71	69	SE	4	o	29·73	–·02	64	62	+1	S	4	o	*	69	63	o	*	–
	Biarritz	29·62	73	X	0	o	29·74	+·02	66	63	–4	NNW	3	o	1	77	64	–	*	–
	Paris	29·99	66	E	3	3	29·94	–·06	57	53	+3	ESE	3	3c	*	74	54	–	*	–
	Belfort	30·08	56	ENE	6	m	30·04	–·06	49	48	0	ENE	5	m	*	63	45	–	*	–
	Lyons	29·99	64	E	1	3c	29·99	–·07	57	51	0	N	0	o	*	76	52	–	*	–
	Nice	30·05	65	E	3	3	30·07	–·01	62	54	+3	E	2	c	5	70	59	–	*	–
	Perpignan ...	29·95	65	SE	4	o	29·93	–·03	65	63	+2	SE	2	o	*	69	62	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon																		*	
	Azores (P. Delgada)	29·82	62	NNW	4	3c	29·83	+·03	64	58	+4	NW	4	o	*	66	60	–	*	0·04
	,, (Horta) ...	29·91	63	NW	3	c	29·88	–·03	63	60	+2	SW	1	o	2	66	61	–	*	–

NOTE. *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.* Erratum:- The Rainfall for London in Saturday's Report should read 0·01 (not 0·10)

WEATHER CHARTS

FOR *Monday, 21st September, 1903.*

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

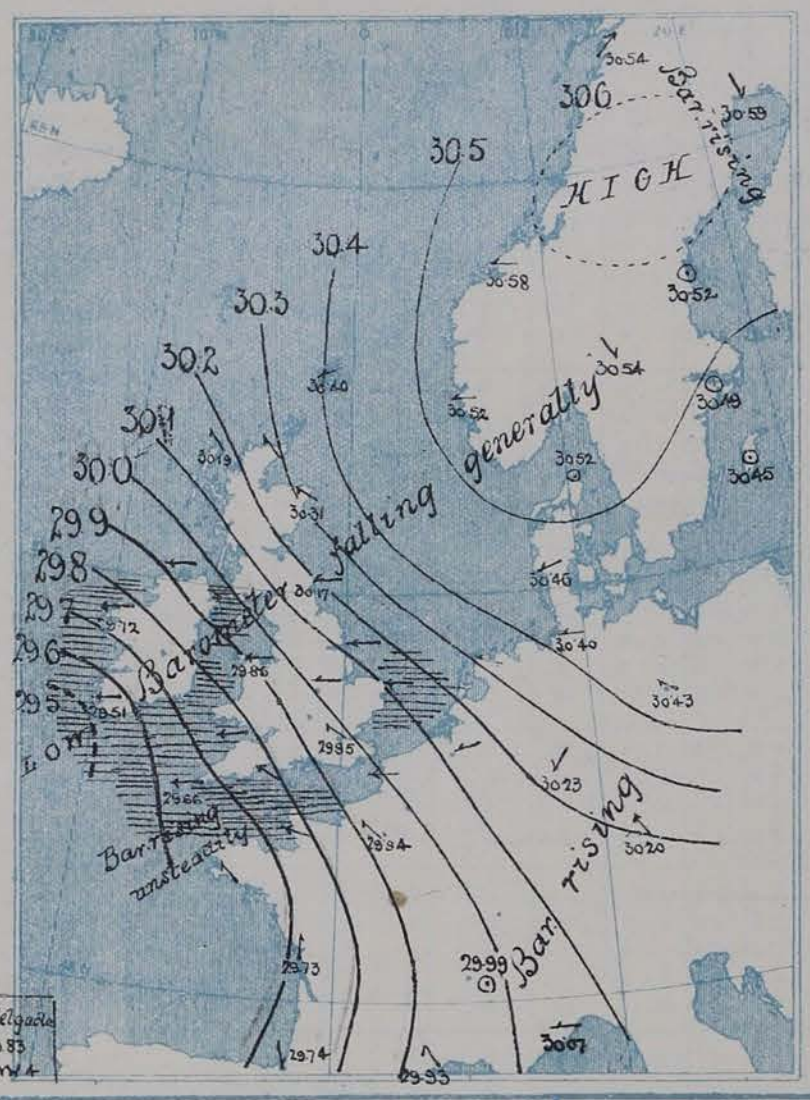
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶

SEA.—Rough ▭ *High* ▭

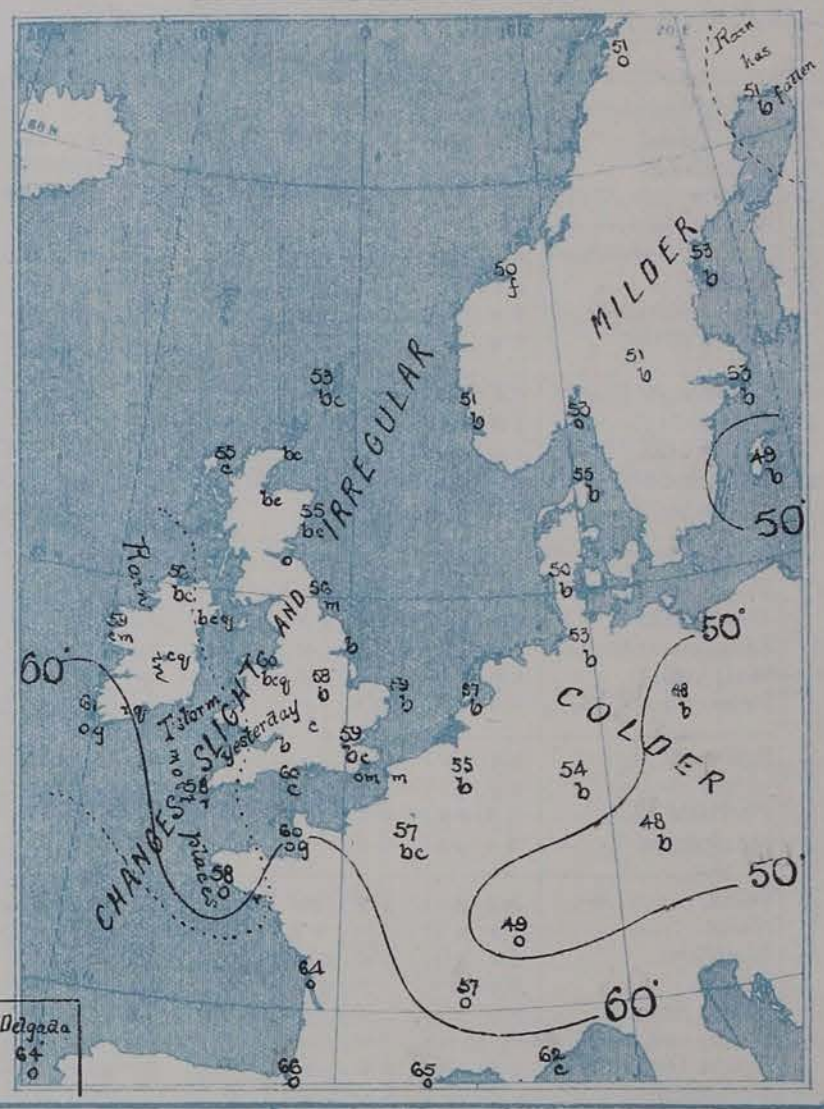


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°

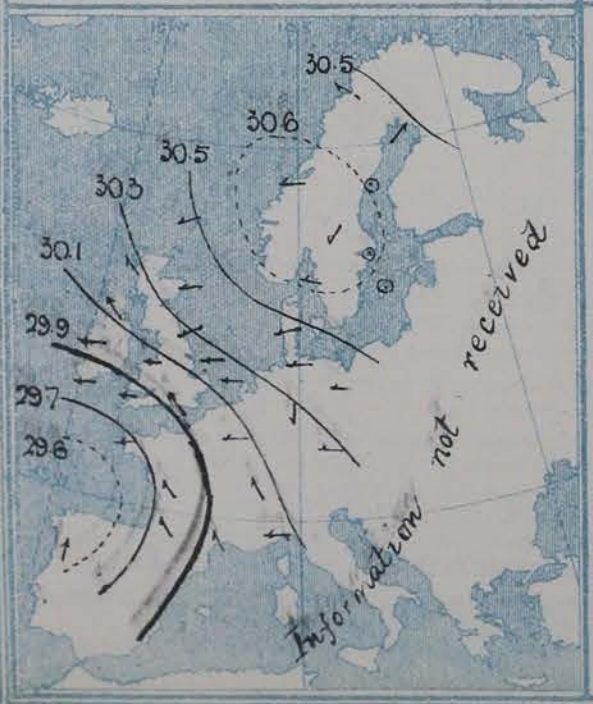
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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



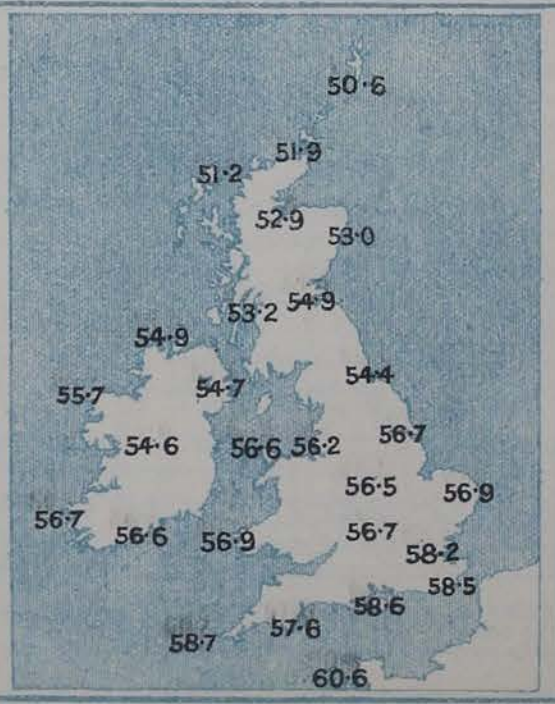
III. BAROMETER AND WIND

Yesterday morning.



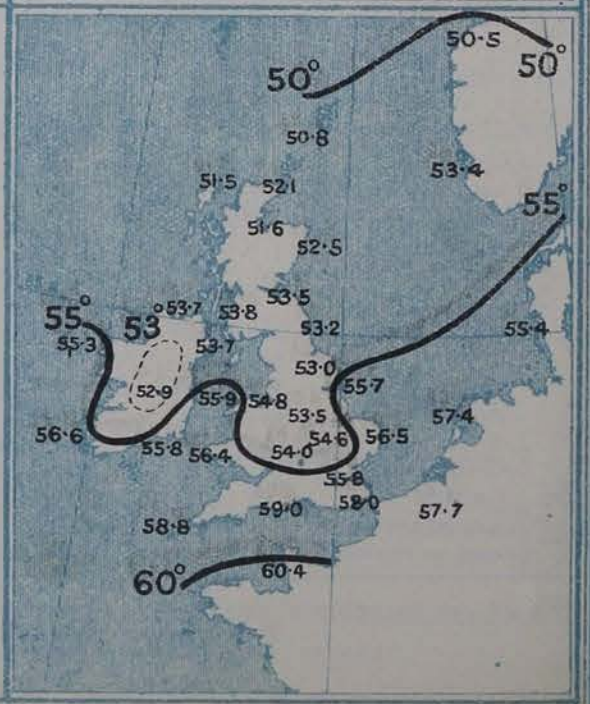
IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES

Combined for the month of SEPTEMBER (1871–1900).



V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period SEPTEMBER (1871–1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure has changed very little over our area generally. The barometer continues highest, above 30·6 ins., in an anticyclone over Scandinavia and is lowest, 29·6 ins. and less, in a depression over the Bay of Biscay and the northwest of Spain. Gradients have increased considerably in depth over our Islands, but are slight in the north & east of our area.

WIND

TEMPERATURE

WEATHER

AND

SEA

The prevailing E'ly wind has increased to a strong breeze over the southern half of the Kingdom generally and to a moderate gale at Scilly; over the southern parts of the Continent the wind draws into SE and blows freshly in Portugal, while in Scandinavia it is very light or calm. Temperature has risen except in some northern and eastern regions and is now above the mean throughout the United Kingdom. At several of our more southern stations it is 60°, and at Bath 62°. The continental readings range from 45° at Hernösand and Karlstad, 49° at Belfort and 54° at Paris to 70° at Biarritz. The weather is very fine generally, but cloudy or dull at a few of our western stations and in the southwest of France; while at Befort and Hernösand fog prevails. The sea is rather rough off our southwest coasts and at Yarmouth, moderate to smooth elsewhere.

During yesterday the maximum temperatures were 60° or above in most parts of our Islands, the highest values being 65° at Stornoway, 66° at Nairn & 68° in London. On the northeast coast the thermometer did not exceed 55°; in that region too, fog or mist was very prevalent and bright sunshine, which in most localities was fairly abundant, was nearly or quite absent. As much as 1·22 ins. of rain has been measued at Lisbon, but over our area as a whole the weather has been very dry.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 21st September 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	None issued.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	At 7.5 p.m yesterday to. districts 3, 5 and part of 8, "Hoist North Cone."

None issued.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	bw	*	62	57	b,m	9.5	—
Bath	30.11	56	E	3	b	29.96	-.11	62	56	+6	E	6	b	*	64	55	—	5.2	—

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
	°	°					°	°			
Southport, to 9 p.m.... ...	63	46	c, b, o	2.1	—	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*		*	Margate	63	*	o	7.2	*
Llandudno	*	*	*	3.2	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	66	57	c	4.0	—	Skegness	*	*	*	6.1	*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...					
Worthing	*	*	*	8.4	*	Harrogate, to 6 p.m. ...	61	45	f, o, b, o	1.1	0.03
Brighton	*	*	*		*	Manchester, to 9 p.m. ...	65	50	o, beq	3.6	—
Eastbourne, to 6 p.m. ...	*	*	*		*	Darwen, to 9 p.m.	61	46	b, o, c, omd	1.2	—
Hastings	*	*	*	7.5	*	Birmingham, to 9 p.m. ...	63	48	o, c, o	2.8	—

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

STATIONS. 19 23 Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. — Ins.	STATIONS.	Temperature, F. Dry.	Temperature, F. Wet.	Weather.	Rain. — Ins.
					18 24 Sept. 1903	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles	70	48	bc, bc	—	Geneva	55	*	o	—
Utrecht...	59	52	bc, m	—	Berne	50	*	o	0.04
Copenhagen	61	52	b, b	—	Lucerne	52	*	o	0.08
Prague	59	52	o, o	—	Coire	59	*	b	—
Vienna	55	53	bv, f	0.87	Castasegna	57	*	o	—
Buda-Pesth	64	57	r, o	0.24	Lugano	57	*	o	—
St. Petersburg	61	43	b, b	—					
Rome	71	52	b, bc	—					
Malta	73	64	?, b	—					
Madeira (Funchal) Not rec^d									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.+ (W.E.T.)	6 p.m.+
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

20 24 Sept. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.36	11.46	5.57
Greenwich	5.44	11.53	6.3
Wick	5.53	12.5	6.18
Valencia	6.24	12.34	6.45

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† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 22nd. September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW**, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L. Ins.	Dry Bulb. °	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Direc.	Force (0 to 12.)			Max. °	Min. °		Hours.	Ins.
Scandinavia.	Haparanda ...	30·34	48	N	2	8	30·45	−·14	42	40	− 8	NW	2	8c	*	61	41	–	*	–
	Hernösand ...	30·45	49	N	0	8	30·49	−·03	49	45	− 4	N	0	8	*	68	45	–	*	–
	Stockholm ...	30·50	55	N	0	8	30·46	−·03	53	51	0	N	0	8	*	66	43	–	*	–
	Wisby	30·45	49	N	0	8	30·43	−·02	50	48	+ 1	N	0	8	*	55	49	–	*	–
	Karlstad	30·47	48	N	0	8	30·48	−·06	49	48	− 2	N	0	8	*	*	*	–	*	–
	Færder (X'iania Fjord)	?30·46	58	N	1	8	30·50	−·04	54	53	+ 1	NNE	2	m	1	61	52	–	*	–
	Bodö	30·60	49	ESE	4	0	30·50	−·04	?48	48	− 3	SW	4	c	2	?	43	–	*	0·08
	Christiansund ...	30·52	54	ESE	1	8	30·48	−·10	53	49	+ 3	E	1	8	1	54	50	–	*	–
	Skudesnaes ...	30·47	56	N	0	8	30·45	−·07	55	52	+ 4	NE	2	8	1	64	51	8	*	*
British Islands.	Sumburgh Head	30·37	52	E	3	8	30·33	−·07	54	51	+ 1	NE	3	8	4	57	49	c, 8	*	–
	Stornoway ...	30·07	60	SE	5	8	30·06	−·13	54	52	− 1	ESE	5	8c	2	67	50	8	9·7	0·06
	Malin Head ...	29·83	59	E	6	0	29·85	−·04	55	52	− 1	E	6	0gm	4	62	53	8,c	*	–
	Blacksod Pt. ...	29·71	59	SE	4	om	29·68	−·04	60	57	+ 1	SE	6	8	5	62	58	8m, om	*	0·04
	Valencia	29·58	60	E	4	c	29·56	+·05	60	57	− 1	ESE	6	0gp	4	64	57	cp	1·9	0·08
	Roche's Point ...	29·66	57	SSE	4	0	29·69	+·06	58	57	− 1	SE	4	0	6	59	56	0, f, 0	*	0·33
	Parsonstown ...	29·73	58	E	1	r	29·75	·00	60	56	+ 3	E	1	c	*	61	55	r	0·2	0·06
	Donaghadee ...	29·88	60	SE	5	c	29·92	−·07	57	55	0	SE	5	0	5	61	55	cg	*	–
	Liverpool Obsy.	29·89	61	E	6	0	29·95	−·02	57	54	− 2	E	4	0	?	68	56	om	*	–
	Holyhead ...	29·82	64	ESE	4	c	29·88	+·03	58	56	− 2	E	3	0p	2	67	56	c g, c	*	0·04
	Pembroke (St. Ann's)	29·74	59	ESE	6	0	29·79	+·04	60	59	+ 1	ESE	6	8cm	6	60	57	–	0·0	0·18
	Scilly (St. Mary's)...	29·66	58	ESE	4	c	29·69	+·03	59	57	+ 1	SSE	5	0	6	60	56	c	1·2	0·02
	Jersey (St. Aubins)...	29·78	61	ESE	3	rm	29·91	+·17	61	60	+ 1	SSE	5	0g	4	64	58	or, gm	0·0	0·38
	Portland Bill ...	29·81	60	ESE	4	cp	29·90	+·11	60	59	0	S	3	0	4	61	57	cp	*	0·52
	Dungeness ...	29·91	62	ESE	4	3cg	29·98	+·01	59	57	− 1	SE	2	rm	3	67	59	3c, 3cg	5·6	0·04
	Wick	30·25	54	SE	4	8	30·24	−·09	54	52	0	SE	4	8c	3	59	52	–	*	–
	Nairn	30·19	58	SE	2	8	30·15	−·11	57	53	+ 1	E	1	8	1	67	49	–	*	–
	Aberdeen ...	30·27	52	E	2	8	30·23	−·08	54	53	− 1	ESE	3	cm	4	58	51	8	9·6	–
	Leith	30·13	56	E	3	8c	30·09	−·10	56	53	− 1	E	3	0	*	63	54	–	*	–
	North Shields ...	30·11	55	ESE	5	8c	30·10	−·07	55	54	− 1	ESE	3	cw	4	59	53	8, 8c	*	–
	Spurn Head ...	30·05	57	E	6	8	30·05	−·06	57	55	− 1	E	5	c	4	61	54	–	*	–
	Yarmouth ...	30·01	60	E	7	8	30·02	−·07	58	54	− 1	SE	6	8c	5	62	54	8	*	–
	Nottingham ...	29·98	59	ENE	3	c	29·98	−·05	55	54	− 3	ENE	3	0	*	69	52	–	8·5	–
	Oxford	29·91	61	E	2	0	29·97	+·03	57	56	− 2	E	1	0p	*	67	56	0, p	*	0·01
	London (Brixton)...	29·89	62	ESE	3	c	29·97	+·02	57	55	− 2	SE	1	0g	*	69	56	8c	4·6	–
Germany, &c.	The Scaw (Skagen)	30·45	57	N	0	8	30·48	−·04	56	55	+ 1	N	0	f	0	59	55	–	*	–
	Fanö	30·43	50	E	2	8	30·43	−·03	51	48	+ 1	E	2	8	*	63	48	–	*	–
	Cuxhaven ...	30·34	58	ESE	3	8	30·34	−·06	49	47	− 4	E	4	8	*	61	48	–	*	–
	The Helder ...	30·14	60	ESE	4	8	30·15	−·06	53	49	− 4	ESE	4	8	3	64	50	–	*	–
	Brussels	*	*	*	*	*	30·06	−·03	53	50	− 2	E	2	c	*	71	48	–	*	–
	Berlin	30·39	55	ESE	3	8	30·39	−·04	48	46	0	ESE	3	8	*	61	45	–	*	–
	Frankfürt ...	30·21	54	NE	2	8	30·21	−·02	51	47	− 3	NE	1	8	*	70	46	–	*	–
	Munich	30·20	51	NE	6	c	30·20	·00	47	47	− 1	E	5	0	*	61	46	–	*	–
France.	C. Gris Nez ...	29·90	64	ESE	3	8	29·95	·00	56	53	+ 2	?SE	4	c	2	64	54	–	*	–
	Brest	29·71	62	E	2	8	29·79	+·16	60	59	+ 2	SE	3	8c	5	64	57	–	*	–
	Lorient	29·74	62	SE	4	c	29·79	+·12	60	59	0	SSE	3	m	5	68	57	–	*	–
	Rochefort ...	29·84	61	SE	2	0	29·90	+·17	59	59	− 5	SE	3	8c	*	70	57	0	*	0·32
	Biarritz	29·78	71	N	0	8	29·92	+·18	67	59	+ 1	S	3	8	0	75	63	8, 2	*	–
	Paris	29·89	67	E	3	0	30·01	+·07	59	57	+ 2	SSE	1	r	*	74	57	–	*	0·08
	Belfort	29·97	58	ENE	5	m	30·07	+·03	51	49	+ 2	ENE	4	m	*	66	47	–	*	–
	Lyons	30·00	65	S	1	0	30·09	+·10	55	55	− 2	SE	1	r	*	76	55	–	*	0·16
	Nice	30·04	62	E	3	c	30·12	+·05	61	54	− 1	E	4	c	7	68	57	–	*	–
	Perpignan ...	29·94	64	E	3	0	29·92	−·01	59	59	− 6	NE	2	r	*	68	56	–	*	2·36
Span. Pen.	Corunna														*				*	
	Lisbon														*				*	
	Azores (P. Delgada)	29·84	64	NW	4	c	29·93	+·10	63	55	− 1	NW	4	c	3	70	61	–	*	0·04
	,, (Horta) ...	29·94	63	NW	4	0	29·97	+·09	61	54	− 2	WNW	3	c	2	72	59	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

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

WEATHER CHARTS

FOR Tuesday, 22nd September, 1903.

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

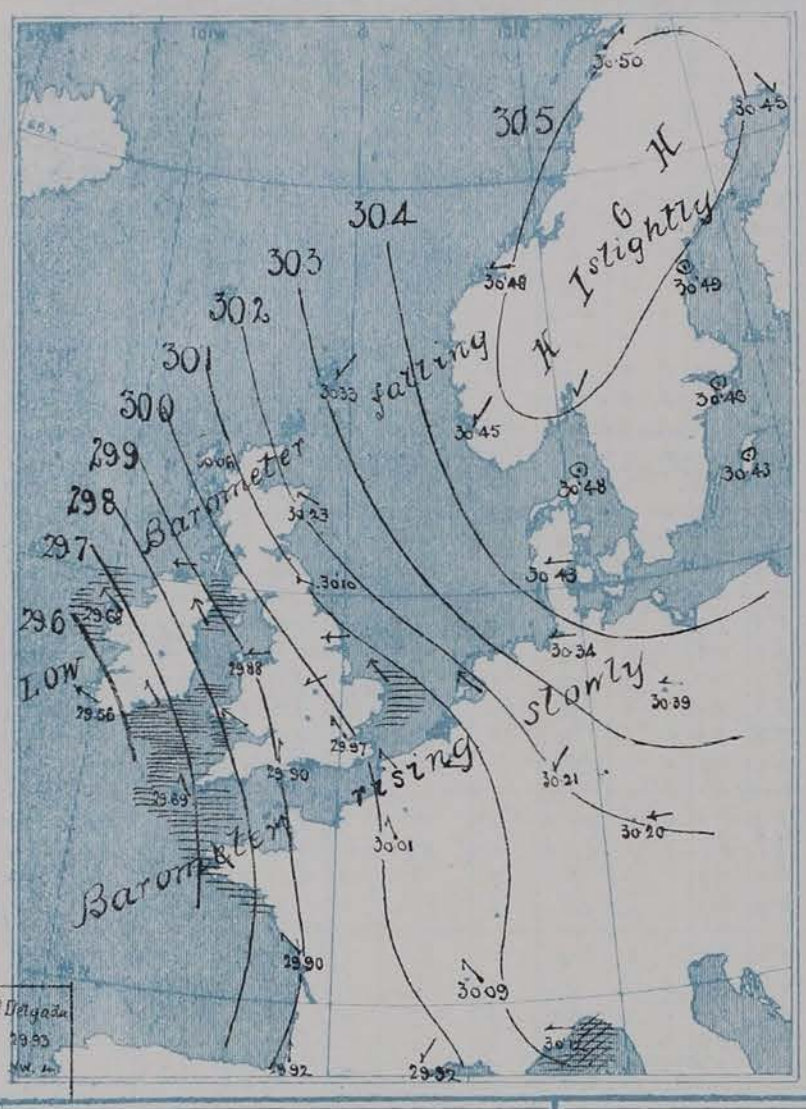
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶

SEA.—Rough ▭ *High* ▬

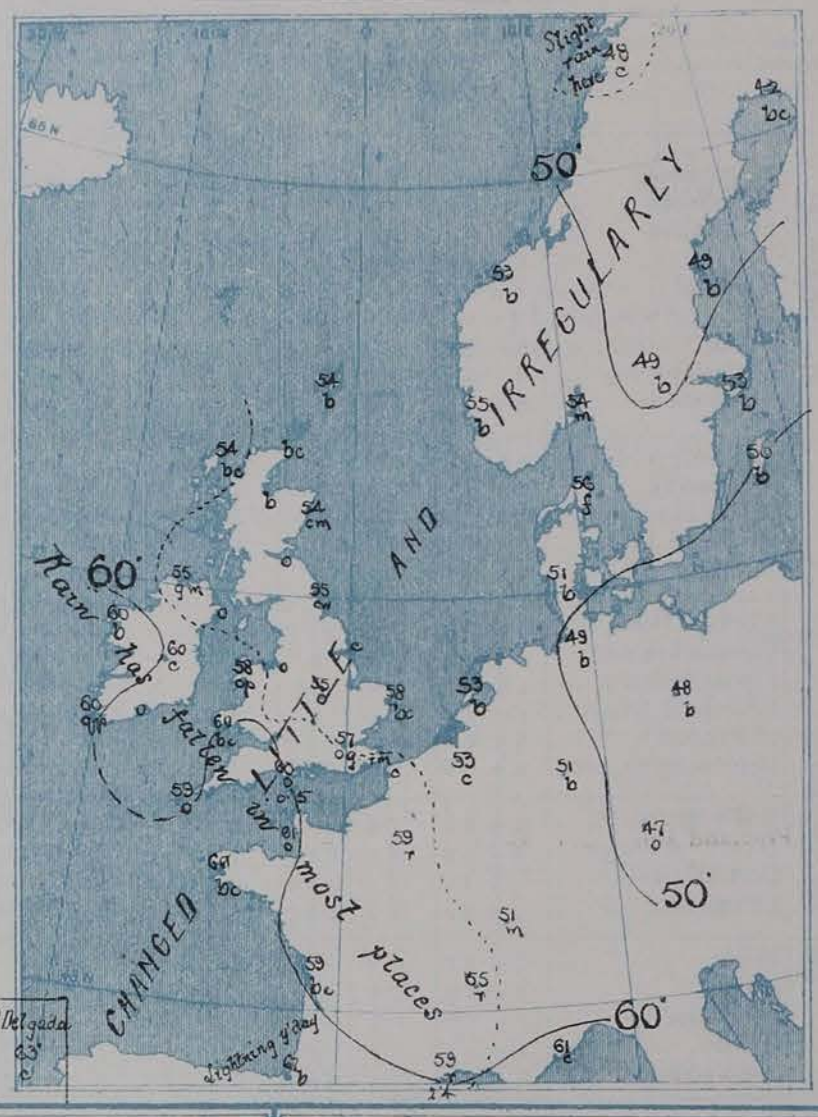


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°

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

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

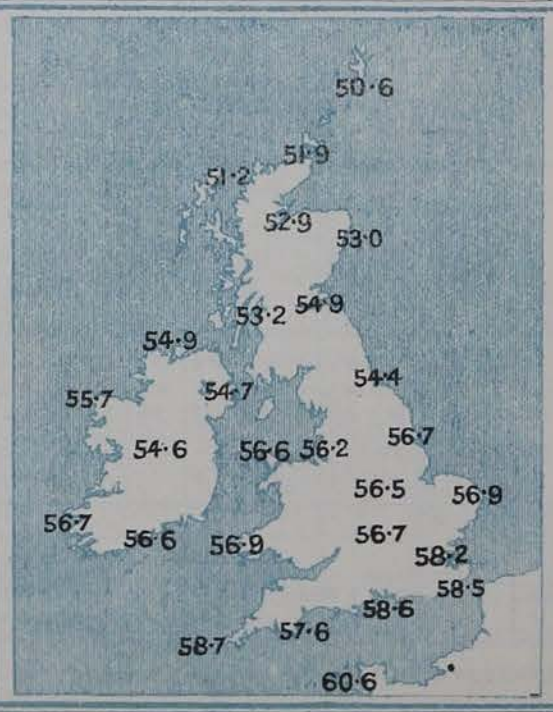


III. BAROMETER AND WIND

Yesterday morning

IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES

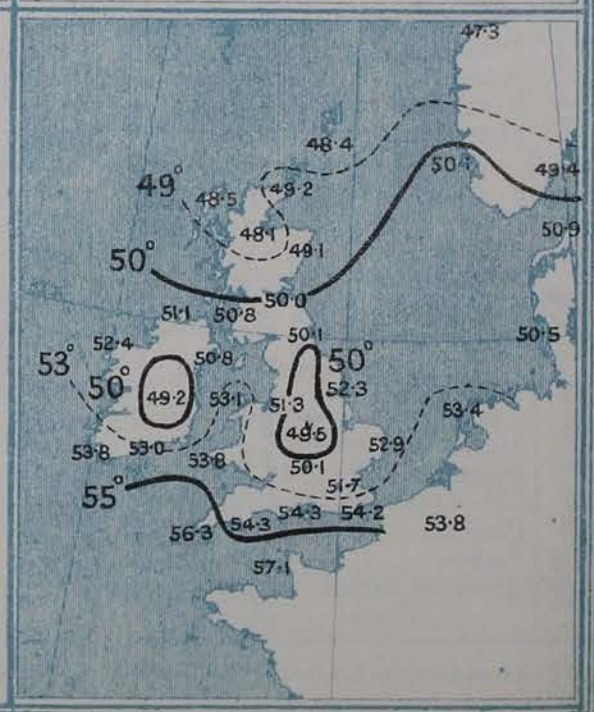
Combined for the month of SEPTEMBER (1871–1900).



V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the Two-monthly period

SEPTEMBER–OCTOBER (1871–1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone still remains stationary over Scandinavia, with the barometer at about 30·6 ins in the central space. There is an extensive area of low pressure occupying the ocean for some distance outside our southwestern coasts, and there are indications of the existence of others further out on the Atlantic. At our western stations the barometer has fallen considerably within the past 24 hours, and is now down to 29·5 ins. at Valencia, but the decline is checking at most stations, and at Scilly an unsteady rise is reported.

WIND

TEMPERATURE

WEATHER

AND

SEA

With little or no alteration in the disposition of atmospheric pressure the winds over our islands remain very steady in direction, a well-marked Ely. current prevailing. Over Scotland and the north of England it is moderate to very light in force, but generally throughout the rest of the Kingdom it is fresh or strong, and at some west coast stations it is blowing a moderate gale. Calms are again reported on the coast of Sweden, other Continental regions having light to fresh breezes from between S.E. and N.E. The morning temperatures are above the average at our home stations, ranging from 53° at Lumbugh Head and 54° at Wick to 60° over the eastern half of the English Channel and 61° at Valencia; on the Continent from 48° at Berlin and Munich and 49° at Belfort and Wisby to 65° at Perpignan and 66° at Biarritz. Rain is falling at Roche's Point and Scilly, and generally along the southwestern coasts the weather is dull to gloomy and squally, but elsewhere it is fair to very fine and bright, the fine weather area extending to most parts of the Continent. The sea is rough off Donaghadee and rather rough at several southern and western stations, from Yarmouth to Blackrod.

During yesterday temperature reached 72° at Jersey, 71° at Brighton, and 70° at Bath, only a few northern stations failing to touch 60°. Scilly had an hour's bright sunshine, all other stations having much better records, up to 10 hours at Margate and Stornoway, and 10·5 hours at Blacton. A thunderstorm was experienced at Pembroke yesterday afternoon.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The situation remains practically the same as for several days past, and there are no definite indications of any immediate modification in the relative distribution of barometric pressure. It is probable, therefore, that for the present, fair or fine, mild weather will continue, the E.by wind eventually diminishing in force over the southern districts and veering S.by.

FORECASTS*

For the 24 hours ending at NOON on 21st SEPT., 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E.by to SE.by breezes, moderate to light; generally fair or fine. Mild.	6 SCOTLAND WEST	Same as Nos. 0 to 2.
1 SCOTLAND EAST		7 ENGLAND N.W.	Same as Nos. 3 to 5.
2 ENGLAND N.E.		8 ENGLAND S.W	Easterly winds, strong and moderating; dull and squally, local rains, fine intervals. Mild.
3 ENGLAND EAST	Easterly winds, strong and moderating; generally fair or fine. Mild	9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 7.0 pm yesterday to Districts 7, 9, 10 and part of 8, "HOIST NORTH CONE". The signals are still flying in Districts 3 and 5 and the remainder of 8.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*		*				10·5	
Bath	29.93	66	E	3	b	29.86	- ·10	58	55	- 4	NE	5	b	*	70	55	–	7·2	-

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	67	53	b, o, bc	8·0	–	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*	7·5	*	Margate	66			10·0	
Llandudno	*	*	*	4·2	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	64	56	c	5·0	0·02	Skegness	*	*	*		*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	60	*	*	6·1	*
Worthing	*	*	*	8·0	*	Harrogate, to 6 p.m. ...	64	50	o, c, b	6·5	–
Brighton	71	*	*	7·6	*	Manchester, to 9 p.m. ...					
Eastbourne, to 6 p.m. ...	64	*	*	7·5	*	Darwen, to 7 p.m.	64	51	o, c, b c g	7·8	–
Hastings	*	*	*	7·5	*	Birmingham, to 9 p.m. ...	66	54	c, bc, b	4·7	–

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

STATIONS. 20th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Dry.	Temperature, F. Wet.	Weather.	Rain. Ins.
Obsns. not received.						19th Sept. 1903			
Marseilles						1 p.m.		1 p.m.	Measured 7 a.m.
Utrecht...					Geneva	59	*	b	–
Copenhagen					Berne	57	*	b	–
Prague					Lucerne	59	*	b	–
Vienna					Coire	63	*	b	–
Buda-Pesth					Castasegna	61	*	b	–
St. Petersburg					Lugano	68	*	b	–
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

21st Sept. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.39	11.46	5.54
Greenwich	5.46	11.53	6.1
Wick	5.55	12.5	6.15
Valencia	6.27	12.34	6.42

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 23rd September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW**, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	30·23	47	SW	2	7	30·12	−·33	49	45	+ 7	SW	4	c	*	54	?	–	*	–
	Hernösand ...	30·45	45	N	0	7	30·36	−·13	50	47	+ 1	N	0	7	*	59	41	–	*	–
	Stockholm ...	30·43	55	N	0	7	30·38	−·08	51	50	− 2	N	0	7	*	66	45	–	*	–
	Wisby	30·44	50	N	0	7	30·42	−·01	53	51	+ 3	N	0	7	*	55	50	–	*	–
	Karlstad	30·47	53	N	0	7	30·47	−·01	46	45	− 3	N	0	7	*	*	*	7,f	*	–
	Færder (X'iania Fjord)	30·47	57	WNW	1	7	30·47	−·03	53	52	− 1	NNW	1	m	1	59	52	–	*	–
	Bodö	30·43	49	NNW	4	0	30·45	−·05	49	47	+ 1	W	4	c	2	50	46	–	*	–
	Christiansund ...	30·47	51	N	0	7	30·50	+·02	49	49	− 4	WNW	1	f	1	61	?45	–	*	–
	Skudesnaes ...	30·48	55	N	0	7	30·48	+·03	53	52	− 2	ENE	4	7	3	66	52	7	*	*
BRITISH ISLANDS.	Sumburgh Head	30·31	52	E	3	7	30·30	−·03	53	52	− 1	ESE	3	7	4	60	50	7	*	–
	Stornoway ...	30·09	58	SE	5	0	30·12	+·06	55	54	+ 1	SSE	2	0	2	65	52	c, 0	5·5	0·03
	Malin Head ...	29·92	58	ESE	6	0m	30·01	+·16	59	58	+ 4	SE	5	7c	3	59	55	0m	*	–
	Blacksod Pt. ...	29·75	63	SE	5	c	29·93	+·25	60	57	0	SE	5	7	4	65	57	7,c	*	–
	Valencia	29·72	60	SSE	6	cm	29·88	+·32	60	58	0	SE	6	0gp	5	64	58	rg,cm	0·9	0·11
	Roche's Point ...	29·82	58	SSE	6	0	29·99	+·30	58	58	0	SSE	5	0m	5	60	57	0	*	0·09
	Parsonstown ...	29·86	62	SE	2	c	30·05	+·30	59	57	− 1	S	2	0	*	66	56	c, r	3·6	0·05
	Donaghadee ...	29·98	58	SE	2	c	30·13	+·21	57	56	0	SE	2	c	3	59	55	–	*	0·05
	Liverpool Obsy.	30·05	61	SE	3	0	30·21	+·26	59	57	+ 2	SE	2	7c	?	63	56	0m, p	*	0·02
	Holyhead ...	29·97	65	S	2	0m	30·15	+·27	61	59	+ 3	S	3	cm	2	70	56	7c, cm	*	–
	Pembroke (St. Ann's)	29·95	61	SSE	5	c	30·12	+·33	59	59	− 1	SE	5	cgm	6	64	58	–	4·8	–
	Scilly (St. Mary's)...	29·91	61	S	4	c	30·03	+·34	59	58	0	SSE	5	cr	5	62	57	c	6·1	–
	Jersey (St. Aubins)...	30·06	64	SE	2	7cm	30·24	+·33	63	60	+ 2	NE	1	7cm	1	67	55	cm, 7cw	6·3	–
	Portland Bill ...	30·04	60	ESE	3	c	30·21	+·31	59	58	− 1	E	2	f	1	63	57	c	*	0·01
	Dungeness ...	30·09	60	ESE	1	cm	30·27	+·29	60	60	+ 1	E	1	f	2	61	53	0, cm	0·0	0·12
	Wick	30·22	54	SE	4	0	30·22	−·02	53	51	− 1	SE	4	0	3	58	51	–	*	–
	Nairn	30·14	55	SE	2	c	30·20	+·05	54	53	− 3	N	0	c	1	65	51	–	*	0·07
	Aberdeen ...	30·22	52	SE	2	7c	30·26	+·03	54	53	0	SSE	3	0m	3	57	52	7, 7c	2·1	–
	Leith	30·10	57	E	2	c	30·22	+·13	54	53	− 2	ENE	1	7cm	*	61	48	c, r	*	0·10
	North Shields ...	30·12	54	ESE	4	0	30·24	+·14	56	55	+ 1	SE	1	0mg	3	57	53	7c, p	*	0·01
	Spurn Head ...	30·10	57	SSE	4	c	30·27	+·22	55	55	− 2	S	1	f	3	60	54	–	*	0·02
	Yarmouth ...	30·08	60	SE	4	c	30·25	+·23	60	58	+ 2	WNW	2	cf	3	61	54	c	*	0·02
	Nottingham ...	30·07	58	E	1	r	30·25	+·27	59	58	+ 4	ESE	1	c	*	63	54	–	0·3	0·04
	Oxford	30·13	57	N	0	7	30·28	+·31	56	56	− 1	SSE	1	0dg	*	63	55	0, 7m	*	–
	London (Brixton)...	30·09	61	SSE	1	0	30·26	+·29	59	58	+ 2	SE	1	0gm	*	63	52	gmd, 7f	0·0	0·07
GERMANY, &c.	The Scaw (Skagen)	30·48	57	NE	1	7	30·47	−·01	56	55	0	N	0	7	0	61	55	–	*	–
	Fanö	30·44	49	E	2	7	30·46	+·03	49	48	− 2	E	2	7	*	64	46	–	*	–
	Cuxhaven ...	30·32	59	ESE	3	7	30·40	+·06	51	48	+ 2	SE	3	7	*	61	49	–	*	–
	The Helder ...	30·18	60	ESE	2	7	30·29	+·14	56	55	+ 3	ESE	2	7	1	64	53	–	*	–
	Brussels	*	*	*	*	*	30·29	+·23	59	59	+ 6	N	0	0	*	70	53	–	*	–
	Berlin	30·38	57	SE	2	7	30·44	+·05	50	47	+ 2	SE	1	7	*	63	46	–	*	–
	Frankfürt ...	30·25	57	E	1	7	30·37	+·16	53	49	+ 2	E	2	7	*	70	46	–	*	–
	Munich	30·26	52	NE	2	7	30·39	+·19	45	45	− 2	SE	2	c	*	64	41	–	*	–
FRANCE.	C. Gris Nez ...	30·09	59	NE	1	c	30·22	+·27	59	59	+ 3	N	0	m	0	?	54	–	*	–
	Brest	30·02	61	S	3	c	30·13	+·34	60	59	0	ESE	3	7	4	64	59	–	*	–
	Lorient	30·17	63	SSW	1	7	30·19	+·40	59	57	− 1	ESE	3	7	5	70	55	–	*	–
	Rochefort ...	30·08	68	NE	1	7	30·20	+·30	59	58	0	SE	3	7	*	75	57	–	*	–
	Biarritz	30·10	70	NNE	3	7	30·20	+·28	60	57	− 7	ESE	1	7	0	79	57	–	*	–
	Paris	30·15	61	N	0	0	30·28	+·27	60	60	+ 1	N	0	f	*	64	59	–	*	0·08
	Belfort	30·16	62	WSW	2	r	30·29	+·22	57	56	+ 6	N	0	0	*	71	51	–	*	–
	Lyons	30·22	58	N	0	r	30·34	+·25	57	56	+ 2	NW	1	c	*	62	55	–	*	0·20
	Nice	30·17	64	N	0	0	30·25	+·13	63	53	+ 2	N	0	7	3	70	57	–	*	–
	Perpignan ...	30·18	61	NE	3	0	30·28	+·36	60	59	+ 1	SW	1	0	*	69	55	–	*	0·63
SPAN. PEN.	Corunna																		*	
	Lisbon	30·17	65	SSW	2	7	30·21		64	63		S	1	c	*	72	62	–	*	–
	Azores (P. Delgada)	30·10	60	N	4	7	30·16	+·23	62	57	− 1	N	3	7	2	70	59	–	*	–
	„ (Horta) ...	30·12	60	N	0	7	30·16	+·19	58	54	− 3	N	0	7c	2	68	57	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR WEDNESDAY, 23RD SEPTR 1903.

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

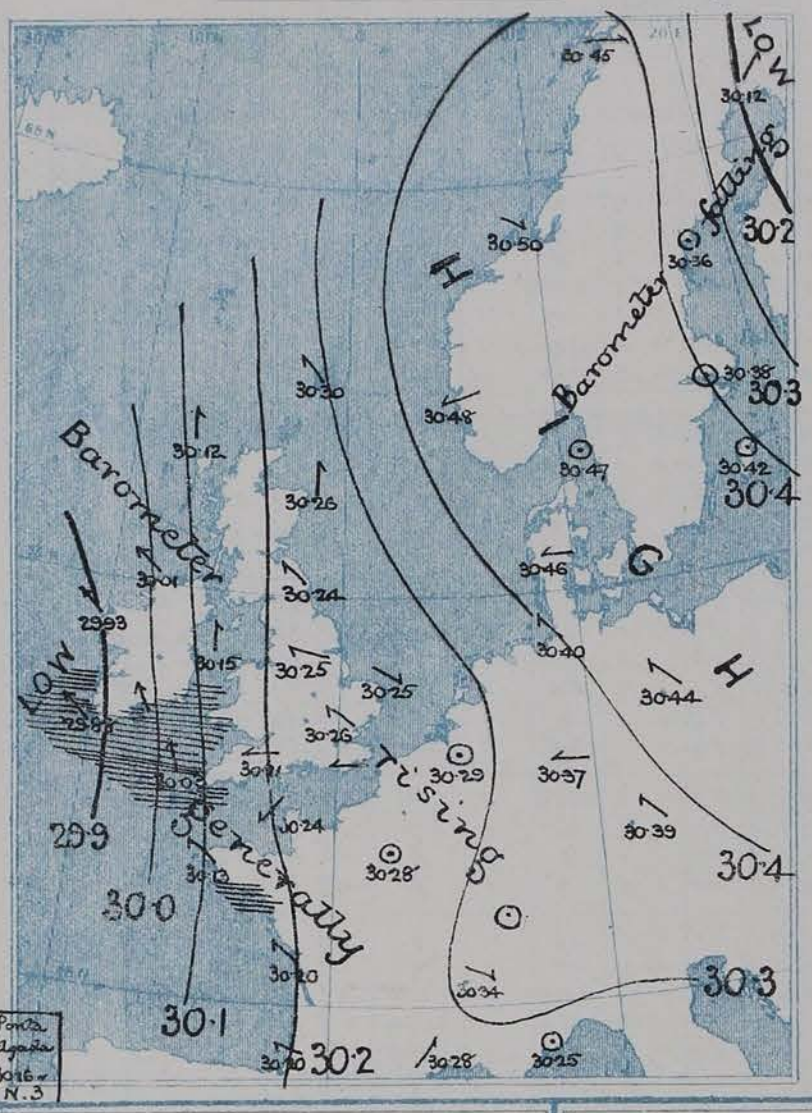
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ➤➤ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ➤⟶ *Force 1 to 4* ⟶

SEA.—Rough ▬ *High* ▬

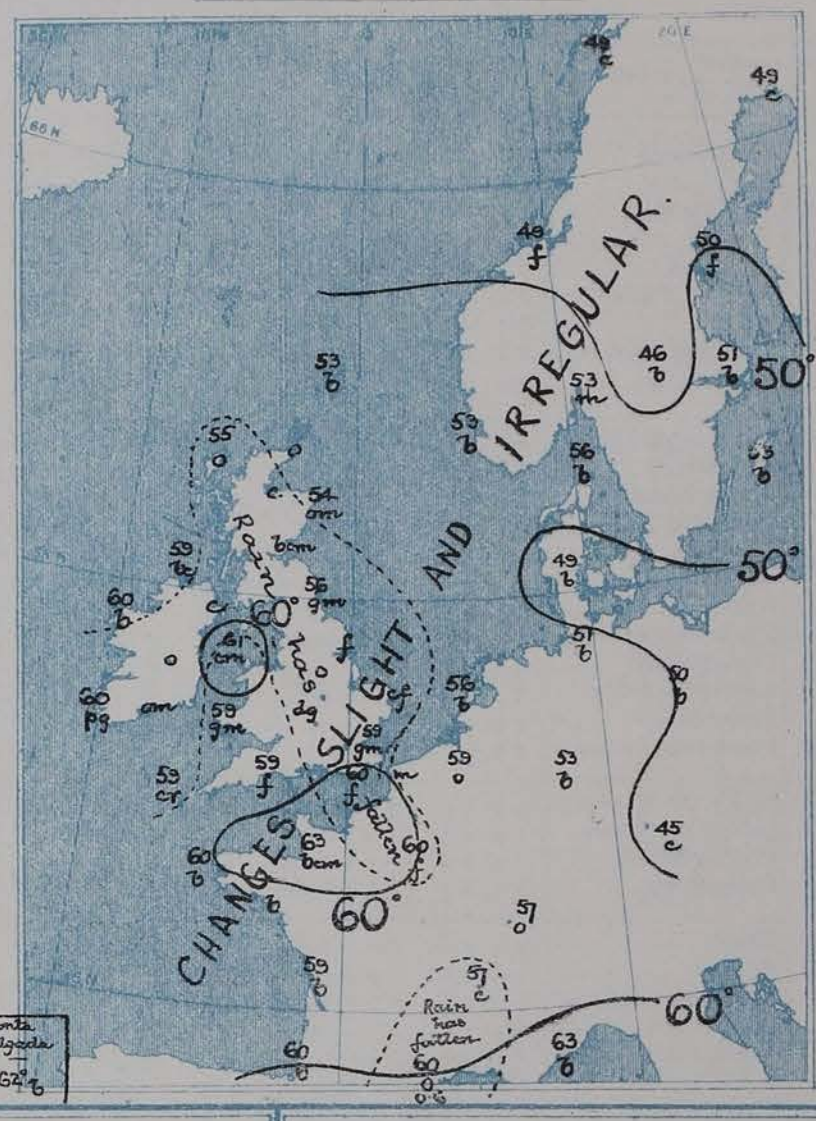


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

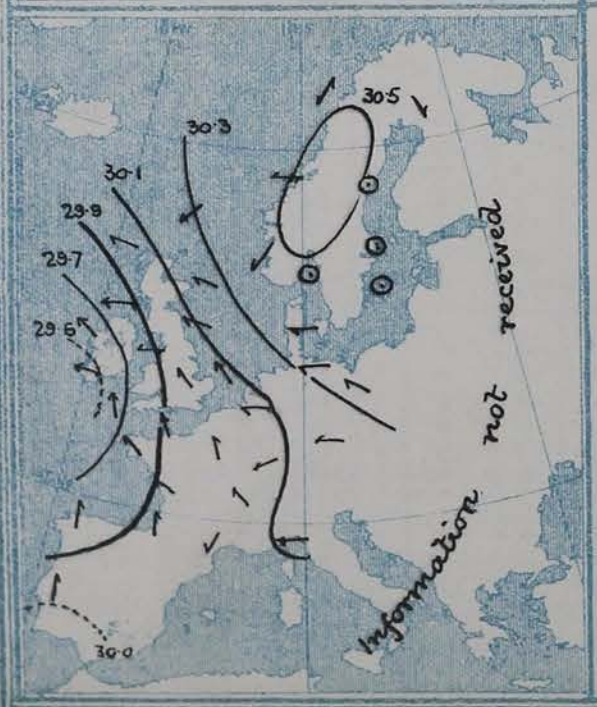
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

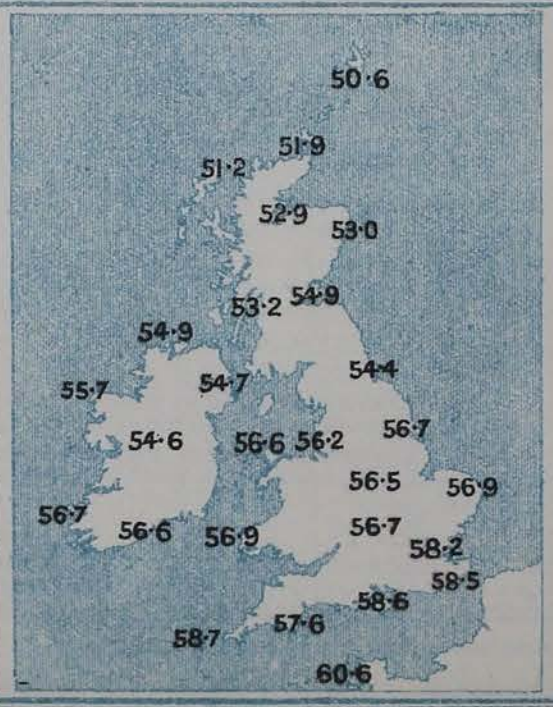


III. BAROMETER AND WIND

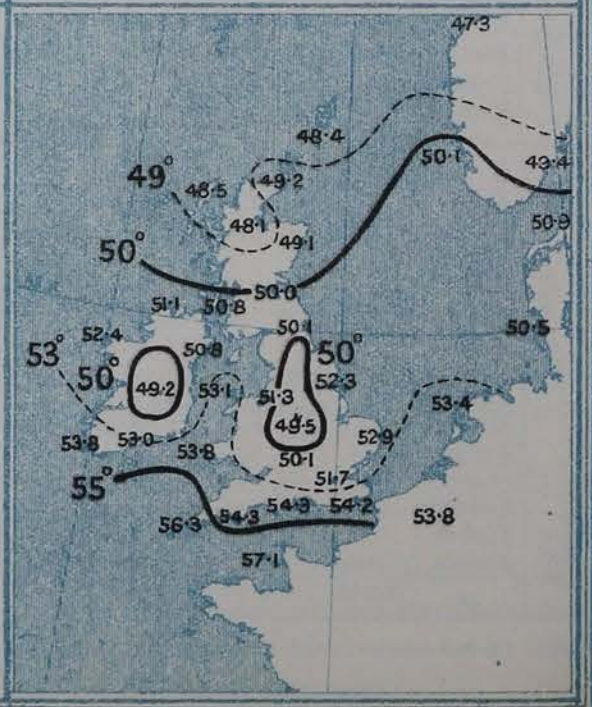
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *Combined for the month of* SEPTEMBER (1871–1900).



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two-monthly period* SEPTEMBER–OCTOBER (1871–1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

This morning's observations again disclose no very important change in the distribution of pressure over our area. The anticyclone still occupies Scandinavia, with the barometer at 30·5 ins., and the cyclonic system remains at sea beyond our southwestern coasts, the barometer being below 29·6 ins. on the coast of Kerry. Over our southern districts and France the mercury is now rising slowly, while in most other regions it is declining as slowly, so that the gradient is gradually decreasing.

WIND TEMPERATURE WEATHER AND SEA

The wind is E by S. to SE by S. in direction over the greater part of our islands but it has veered into S. at the Channel stations. It is still fresh or strong in force in various exposed situations, but in most localities it has become moderate or light. Calms prevail over Sweden, moderate or light E by S. to S by E. breezes between the Bay of Biscay and Germany. Temperature has changed slightly and irregularly, the present readings ranging from 54° over the north of Scotland, and 55° at Malin Head and Shields to 60° at various southern stations, and 61° at Bath and Jersey; on the Continent from 42° at Haparanda and 47° at Munich to 61° at Nice and 67° at Biarritz. Fair to fine weather prevails in the north of Scotland, but over the rest of the kingdom there has been a considerable increase of cloud, with a damp atmosphere and local showers. Rain is falling in some parts of France, while very fine bright weather is general over Scandinavia and down across Germany. The sea is rough on the southwestern coasts, rather rough in a few other localities.

Temperature rose during yesterday to 71° at Manchester and 70° at Brighton, and to 57° at Lumburgh Head. No bright sunshine was registered at Jersey, Pembroke and Plymouth, whereas several stations exceeded 9 hours, Clacton having 10·2 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The situation has undergone very little change in the past 24 hours, but the rise of the barometer in the south probably means a temporary withdrawal westward of the depressions in the southwest, so that the wind is expected to become more S by W. over the country generally, decrease further in force, with a close, humid atmosphere and local showers.

FORECASTS*

For the 24 hours ending at NOON on 23RD SEPTR., 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE by S to S by S breezes, fresh to light; variable weather, fair to dull, close and humid, with local rain and thunder.	6 SCOTLAND WEST	SE by S to S by W breezes, fresh to light; variable weather, fair to dull, close and humid, with local rain and thunder.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 7.10 pm yesterday to Districts 1, 2, and parts of 0 and 8, "HOIST SOUTH CONE", and to District 3 "KEEP UP NORTH CONE". The Signals are still flying in Dists. 7.9.10 and the remainder of 8.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	c	*	62	57	7	10·2	-
Bath	29.82	63	E	3	7	29.91	+·05	61	59	+3	E	1	7	*	66	58	-	1·3	0·01

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	69°	55°	c, 7, c, o	8·2	-	Broadstairs...	*	*	*	9.0	*
Rhyl, to 6 p.m....	*	*	*	4·5	*	Margate	66	56	7, c	8·0	-
Llandudno...	*	*	*	6·0	*	Lowestoft, to 6 p.m. ...	61	57	7w, 7, c	9·4	-
Aberystwyth, to 6 p.m. ...	68	60	c, o	4·0	-	Skegness	*	*	*	9·8	*
Plymouth, to 9 p.m.... ...	61	51	ou, oup	0·0	0·36	Scarborough, to 6 p.m. ...	59	*	*	9·1	*
Worthing	*	*	*	5·0	*	Harrogate, to 6 p.m. ...	64	52	7	7·8	-
Brighton	70	*	*	4·8	*	Manchester, to 9 p.m. ...	71	56	7, 7cg, 7	7·5	-
Eastbourne, to 6 p.m. ...	63	*	*	6·0	*	Darwen, to 9 p.m.	66	52	7cg, cm	8·0	-
Hastings	*	*	*	6·6	*	Birmingham, to 9 p.m. ...	68	53	c, o	4·8	-

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

STATIONS. 21st Sept. 1908.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS. Obsns. not received.	Temperature, F. Dry.	Temperature, F. Wet.	Weather.	Rain. Ins.
Obsns. not received.					20th Sept. 1908	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles					Geneva		*		
Utrecht...					Berne		*		
Copenhagen					Lucerne		*		
Prague					Coire		*		
Vienna					Castasegna		*		
Buda-Pesth					Lugano		*		
St. Petersburg									
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER,—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m.(,, ,,)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores {Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m
Azores {Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m

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

22nd Sept. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.40	11.46	5.52
Greenwich	5.47	11.53	5.59
Wick	5.57	12.5	6.12
Valencia	6.28	12.34	6.40

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 24th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	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. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	30·32	41	N	2	b	30·19	+·07	48	45	− 1	NW	4	b	*	57	39	–	*	–
	Hernösand ...	30·40	50	N	0	b	30·41	+·05	50	46	0	N	0	b	*	70	39	–	*	–
	Stockholm ...	30·42	56	N	0	b	30·43	+·05	51	49	0	N	0	b	*	66	45	–	*	–
	Wisby	30·39	51	N	0	b	30·47	+·05	51	50	− 2	N	0	b	*	54	51	–	*	–
	Karlstad	30·45	52	NW	2	b	30·47	·00	44	43	− 2	NW	2	b	*	*	*	–	*	–
	Færder (X'iania Fjord)	30·47	56	S	1	b	30·49	+·02	50	50	− 3	NNW	1	f	1	56	50	–	*	–
	Bodö	30·42	49	NE	4	o	30·25	−·10	50	48	+ 1	SW	6	c	3	50	46	–	*	–
	Christiansund ...	30·49	51	N	0	b	30·43	−·07	50	48	+ 1	N	0	b	1	55	45	–	*	–
	Skudesnaes ...	30·49	55	N	0	b	30·46	−·02	53	52	0	E	2	b	2	63	52	b	*	*
	Sumburgh Head	30·28	53	SE	4	o	30·23	−·07	51	51	− 2	SE	2	f	4	56	50	c, o	*	–
	Stornoway ...	30·12	60	N	0	c	30·09	−·03	57	54	+ 2	S	4	o	4	65	53	c	5·4	0·07
	Malin Head ...	29·98	61	SSE	6	c	30·09	+·08	59	57	0	SSW	4	b	2	65	55	bc, c	*	–
	Blacksod Pt. ...	29·90	61	S	4	c	30·05	+·12	58	57	− 2	SSW	5	cmp	4	62	56	rm, c	*	0·22
	Valencia	29·94	59	SSE	5	og	30·06	+·18	57	56	− 3	SSE	3	omp	4	61	56	op, og	2·3	0·60
BRITISH ISLANDS.	Roche's Point ...	30·06	58	SSE	5	om	30·15	+·16	58	57	0	SSE	4	om	4	60	57	o, om	*	0·03
	Parsonstown ...	30·00	60	SE	2	c	30·14	+·09	58	56	− 1	E	1	c	*	65	55	p, c	2·1	0·04
	Donaghadee ...	30·13	60	SW	3	cgp	30·20	+·07	56	56	− 1	SW	2	o	2	60	54	cgp, b	*	0·07
	Liverpool Obsy.	30·23	58	SE	2	o	30·25	+·04	59	58	0	SE	2	op	?	68	58	om, p	*	0·09
	Holyhead	30·16	65	S	4	om	30·22	+·07	58	57	− 3	S	1	cm	1	67	54	c, om	*	0·27
	Pembroke (St. Ann's)	30·15	61	S	5	o	30·20	+·08	59	58	0	S	2	cgm	4	64	57	o, dm	0·0	0·04
	Scilly (St. Mary's)...	30·15	59	SSW	4	o	30·19	+·16	58	58	− 1	SSE	3	f	4	62	57	op, o	0·1	0·02
	Jersey (St. Aubins)...	30·25	67	ESE	3	cm	30·27	+·03	57	56	− 6	NE	1	of	1	72	55	cg, cm, w	1·3	–
	Portland Bill ...	30·24	60	ESE	3	c	30·24	+·03	60	59	+ 1	E	2	f	2	64	58	c	*	0·01
	Dungeness ...	30·32	61	E	1	c	30·30	+·03	62	61	+ 2	E	1	f	0	65	59	cm, f, c	4·2	0·02
	Wick	30·21	55	SE	4	m	30·20	−·02	54	53	+ 1	S	4	r	3	62	52	–	*	0·12
	Nairn	30·18	59	N	0	c	30·16	−·04	58	57	+ 4	E	1	r	1	65	52	–	*	0·03
	Aberdeen ...	30·27	53	SSE	3	f	30·25	−·01	52	52	− 2	SSE	3	f	3	55	51	of	0·0	0·01
	Leith	30·22	57	ENE	1	c	30·23	+·01	56	55	+ 2	W	1	om	*	59	52	–	*	0·03
	North Shields ...	30·26	55	ESE	3	m	30·25	+·01	57	56	+ 1	SSW	2	of	2	63	52	c, m, f	*	–
GERMANY, &c.	Spurn Head ...	30·30	57	SSE	3	o	30·31	+·04	57	57	+ 2	S	2	f	3	59	52	o, f	*	0·01
	Yarmouth ...	30·30	61	NNE	2	bc	30·31	+·06	55	54	− 5	N	0	f	3	63	52	bc f, f	*	0·01
	Nottingham ...	30·29	60	ESE	1	o	30·29	+·04	58	57	− 1	SSE	1	o	*	68	56	–	3·4	0·01
	Oxford	30·30	62	S	1	c	30·29	+·01	59	58	+ 3	SE	1	of	*	70	56	c, bc	*	–
	London (Brixton)...	30·28	64	N	0	b	30·29	+·03	57	57	− 2	N	0	of	*	69	55	gm, b, f	0·0	–
	The Scaw (Skagen)	30·50	55	N	0	m	30·50	+·03	54	53	− 2	WSW	1	bc	0	64	50	–	*	–
	Fanö	30·49	51	ESE	2	o	30·49	+·03	51	50	+ 2	ESE	2	o	*	63	48	–	*	–
	Cuxhaven ...	30·42	59	E	2	b	30·45	+·05	49	49	− 2	E	3	f	*	61	48	–	*	–
	The Helder ...	30·32	56	N	0	b	30·33	+·04	59	57	+ 3	ESE	1	m	1	61	55	–	*	–
	Brussels	*	*	*	*	*	30·34	+·05	60	59	+ 1	N	0	o	*	72	56	–	*	–
	Berlin	30·43	59	N	0	b	30·47	+·03	51	50	+ 1	SE	1	b	*	64	48	–	*	–
	Frankfürt ...	30·41	54	E	1	b	30·42	+·05	54	49	+ 1	NNE	4	b	*	70	46	–	*	–
	Munich	30·43	51	E	2	b	30·44	+·05	45	45	0	SE	2	f	*	63	41	–	*	–
FRANCE.	C. Gris Nez ...	30·28	60	NE	2	m	30·29	+·07	59	58	0	SSE	1	bc	1	68	57	–	*	–
	Brest	30·21	61	SSE	3	o	30·23	+·10	57	57	− 3	NE	1	o	4	66	55	–	*	0·20
	Lorient	30·24	63	S	3	bc	30·20	+·01	59	57	0	S	4	bc	4	70	57	–	*	–
	Rochefort ...	30·22	68	SE	2	b	30·21	+·01	59	58	0	SSE	2	bc	*	79	57	b	*	–
	Biarritz	30·21	76	E	1	b	30·22	+·02	63	60	+ 3	SE	1	b	0	81	60	–	*	–
	Paris	30·32	62	NNE	1	b	30·32	+·04	56	56	− 4	SE	1	bc	*	71	54	–	*	–
	Belfort	30·29	62	ENE	3	m	30·33	+·04	52	52	− 5	E	2	f	*	73	50	–	*	–
	Lyons	30·32	64	N	0	b	30·35	+·01	57	53	0	N	1	b	*	74	53	–	*	–
	Nice	30·27	66	N	0	b	30·31	+·06	63	56	0	N	0	b	2	75	57	–	*	–
	Perpignan ...	30·29	62	N	0	o	30·31	+·03	57	57	− 3	E	1	,	*	71	53	–	*	–
SPAN. PEN.	Corunna														*				*	
	Lisbon														*				*	
	Azores (P. Delgada)	30·28	64	W	3	b	30·22	+·06	68	62	+ 6	WSW	4	c	4	70	62	–	*	–
	,, (Horta) ...	30·23	67	SW	4	b	30·15	−·01	69	66	+ 11	SSW	5	o	3	70	58	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR Thursday, 24TH SEPTR 1903.

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

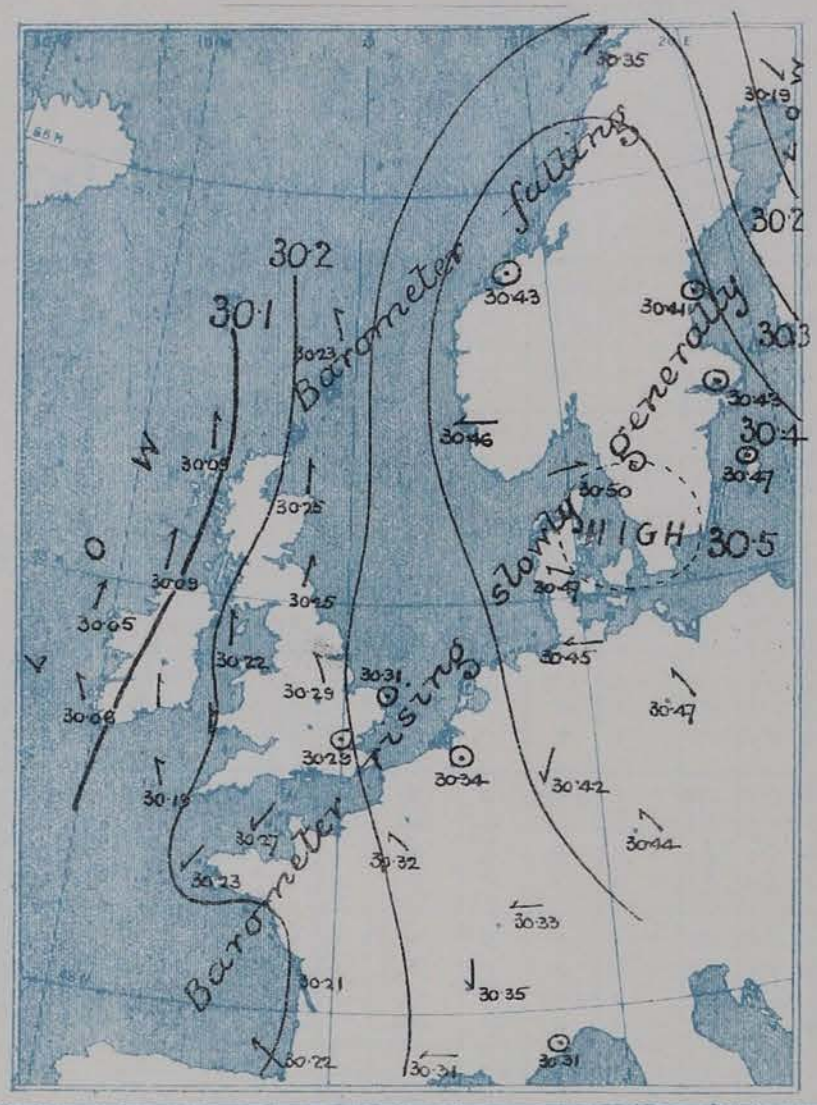
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶

SEA.—Rough ▭ *High* ▬

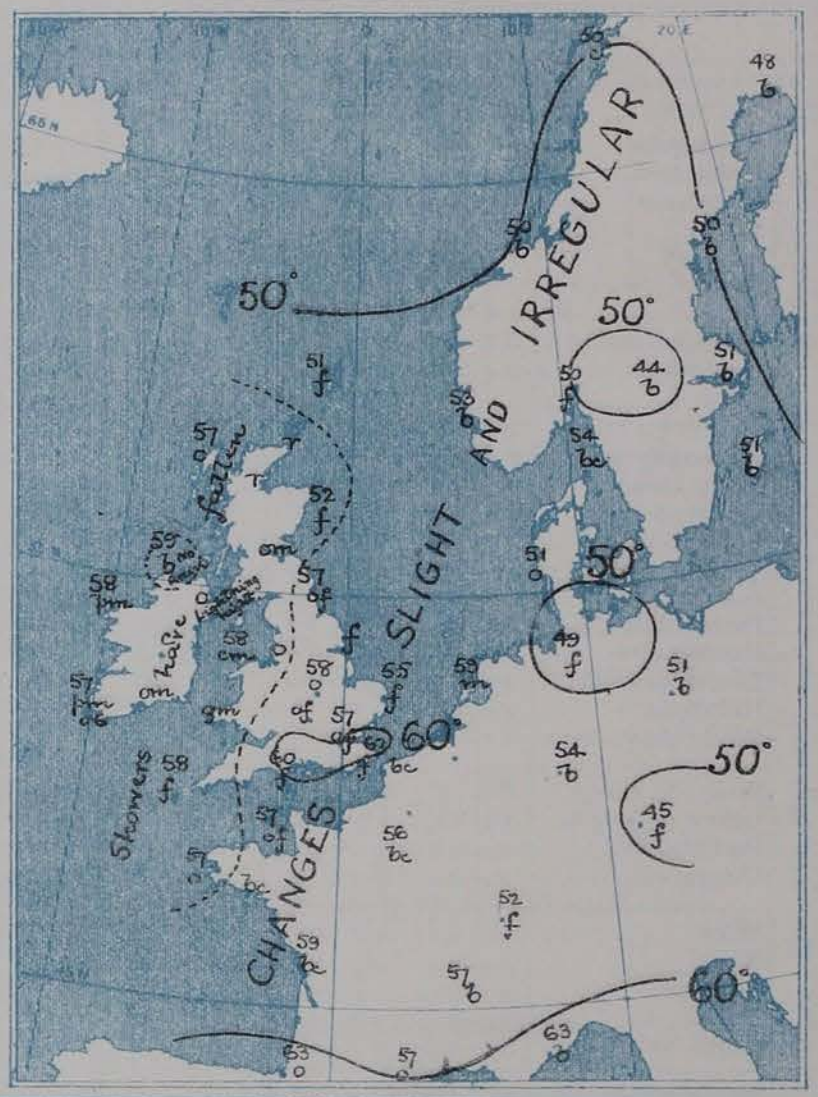


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

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

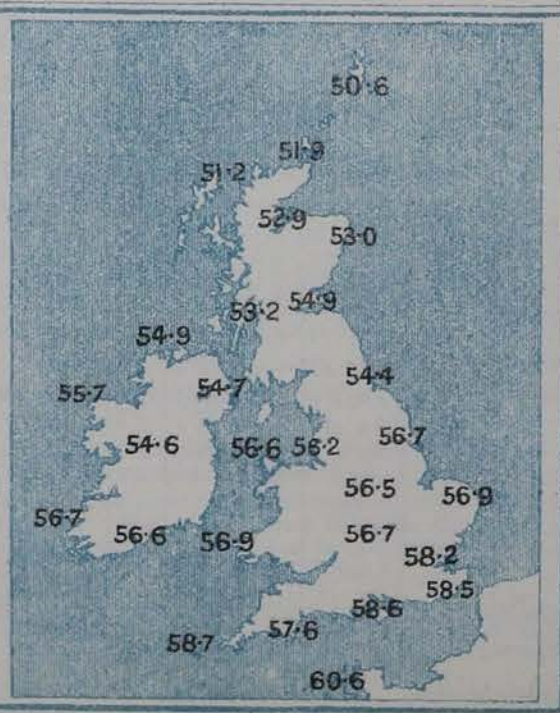
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



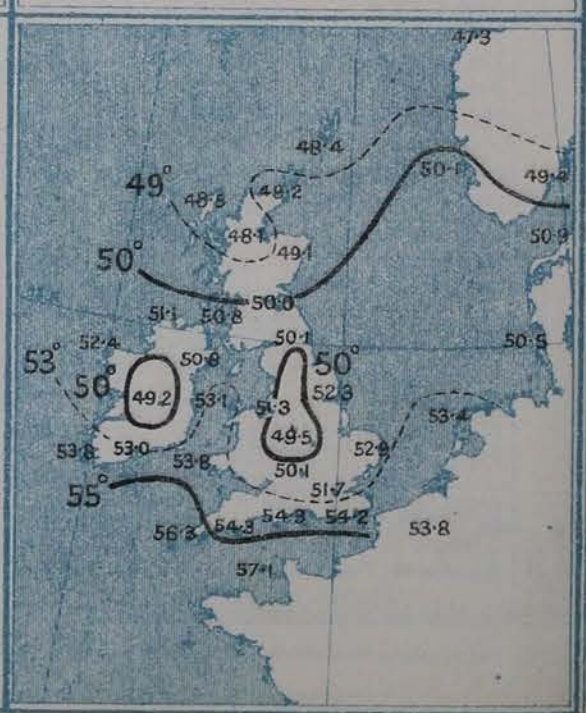
III BAROMETER AND WIND

Yesterday morning.

IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *Combined for the month of* SEPTEMBER (1871–1900).



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two-monthly period* SEPTEMBER-OCTOBER (1871–1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The only change in the general distribution of pressure since yesterday morning is that the anticyclone now extends from the North of Norway to South Germany and the centres of the Atlantic depressions – which are still far to the westward of Ireland – lie further towards the north. The barometer ranges from 30·4 ins. to 30·5 ins. within the anticyclone to less than 29·9 ins. off our extreme western coasts. A rise of the mercury is at present in progress over our area as a whole, but a fall is taking place in Sweden

WIND TEMPERATURE WEATHER AND SEA

With the slight modification in the general distribution of pressure the winds over our Islands have become rather more Sly. They still blow freshly or strongly at several western and southwestern stations, but have fallen very light elsewhere. Over the Continent very light airs or calms prevail. Temperature has again changed very little and continues high for the season in most parts of the United Kingdom. The highest readings are 63° at Nice and Jersey, but 61° is reported from Holyhead and 60° and 59° at many of the English and Irish stations. In the extreme north of Scotland the values decrease to 53°, and at Karlstad and Munich to 46° and 45°. The sky is cloudy or overcast at almost all our own stations, with showers in the extreme southwest, drizzling rain at Oxford, and much fog along our east and south coasts. Fog is also reported at Paris, but on the Continent generally the weather is very fine and bright. The sea is rather rough off our extreme west and southwest coasts, slight or smooth in the east and south.

The highest temperatures recorded over the United Kingdom yesterday were 71° at Bath and 70° at Holyhead, and the maxima generally were rather high. Slight rain was experienced in most localities, and the amount of bright sunshine was very small over the Kingdom as a whole. Aberystwyth and Bath, however, had 8 hrs. and 7·5 hrs. respectively.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are no indications of any very great change in the general conditions of weather now prevalent, but there are some slight signs that further depressions may affect our extreme southwest and west coasts shortly, so that in those districts some increase of wind and occasional rains are to be expected.

FORECASTS*

For the 24 hours ending at NOON on 24TH SEPTR., 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S'ly and SE'ly winds, light or moderate; fair as a whole, but some mist in places.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Light airs, chiefly SE'ly or S'ly; fair in some localities, but air humid, and mist or fog likely to continue very prevalent.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	S'ly or SE'ly winds, moderate or fresh, fair generally, but local mists.
7	ENGLAND N.W.	SE'ly or S'ly winds, fresh or strong; cloudy generally, with local mist. Some rain in west.
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	At 7.30 pm. yesterday to District 3, and at 9.40 am. today to Districts 1, 2 and part of 0, "LOWER CONE". The South Cone is still flying in part of District 8.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	m	*	61	54	bc,r	3·3	0·07
Bath	30·05	60	E	1	b	30·24	+·33	59	57	− 2	E	1	b	*	71	56	-	7·5	-

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	65°	55°	o,c,omp	1·3	0·02	Broadstairs...	*	*	*	0·2	*
Rhyl, to 6 p.m.	*	*	*	2·3	*	Margate	61	57	c,r	-	-
Llandudno	*	*	*	3·7	*	Lowestoft, to 6 p.m. ...	61	56	bc, or	2·4	-
Aberystwyth, to 6 p.m. ...	74	64	bc	8·0	-	Skegness	*	*	*	1·1	*
Plymouth, to 9 p.m.... ...	66	57	bc	6·3	-	Scarborough, to 6 p.m. ...	59	*	*	2·2	*
Worthing	*	*	*	2·2	*	Harrogate, to 6 p.m. ...	59	52	od	0·0	0·02
Brighton	64	*	*	2·5	*	Manchester, to 9 p.m. ...	67	56	op, bc	0·5	0·01
Eastbourne, to 6 p.m. ...	63	*	*	0·0	*	Darwen, to 9 p.m.	63	52	op, cp, omu	0·9	0·02
Hastings	*	*	*	0·0	*	Birmingham, to 9 p.m. ...	63	55	o, r, b	0·0	0·09

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

STATIONS. 22nd Sept 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. — Ins.	STATIONS.	Temperature, F. Dry.	Temperature, F. Wet.	Weather.	Rain. — Ins.
Obsns. not received.						21st Sept 1903			
Marseilles						1 p.m.		1 p.m.	Measured 7 a.m.
Utrecht...					Geneva	68	*	b	—
Copenhagen					Berne	59	*	c	—
Prague					Lucerne	63	*	b	—
Vienna					Coire	68	*	b	—
Buda-Pesth					Castasegna	64	*	b	—
St. Petersburg					Lugano	68	*	bc	—
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores (Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

23rd Sept 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.41	11.45	5.49
Greenwich	5.48	1.52	5.56
Wick	5.59	12.4	6.9
Valencia	6.29	12.33	6.37

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Friday, 25th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	30·06	47	NW	2	b	29·92	-·27	50	47	+ 2	W	2	c	*	59	32	–	*	–
	Hernösand ...	30·28	45	N	0	b	30·21	-·20	49	45	- 1	N	0	b	*	66	39	–	*	–
	Stockholm ...	30·37	55	W	2	b	30·31	-·12	53	51	+ 2	WSW	2	b	*	66	45	–	*	–
	Wisby	30·44	51	N	0	b	30·39	-·08	52	50	+ 1	N	0	b	*	57	51	–	*	–
	Karlstad	30·42	54	N	0	b	30·36	-·11	50	49	+ 6	N	0	b	*	*	*	–	*	–
	Færder (X'iania Fjord)	30·41	56	SW	2	b	30·34	-·15	56	54	+ 6	SSW	2	b	1	56	50	–	*	–
	Bodö	30·18	52	SW	4	c	30·00	-·35	51	50	+ 1	SW	7	r	4	52	48	–	*	0·20
	Christiansund ...	30·32	52	N	0	b	30·25	-·18	52	50	+ 2	S	1	c	1	63	50	–	*	–
	Skudesnaes ...	30·39	54	S	4	b	30·29	-·17	56	53	+ 3	SSE	4	c	3	59	53	b	*	*
BRITISH ISLANDS.	Sumburgh Head	30·18	51	SE	2	f	30·13	-·10	51	50	0	SE	1	f	3	52	50	f	*	0·01
	Stornoway ...	30·11	58	SSW	3	o	30·08	-·01	52	51	- 5	N	0	b	0	60	46	o	1·6	–
	Malin Head ...	30·05	60	S	4	bc	30·06	-·03	52	51	- 7	S	2	bc	2	62	49	c, bc	*	–
	Blacksod Pt. ...	30·02	59	SSW	3	b	29·99	-·06	56	54	- 2	SSE	4	b	4	62	55	cp, b	*	0·02
	Valencia	30·03	58	SSE	3	c	30·00	-·06	58	55	+ 1	SE	4	c	4	63	55	cm, c	2·9	0·01
	Roche's Point ...	30·11	58	SSE	3	om	30·08	-·07	58	57	0	SSE	3	c	2	61	55	c, om	*	0·02
	Parsonstown ...	30·09	60	E	1	b	30·08	-·06	54	52	- 4	E	1	b	*	67	49	–	7·4	–
	Donaghadee ...	30·17	57	S	2	c	30·10	-·10	55	55	- 1	N	1	f	1	60	53	–	*	–
	Liverpool Obsy.	30·18	61	SE	1	o	30·09	-·16	58	57	- 1	N	0	r	?	63	57	omp, f	*	0·14
	Holyhead ...	30·17	58	NW	1	cm	30·09	-·13	56	55	- 2	NW	1	o	1	65	54	bcmpm	*	0·11
	Pembroke (St. Ann's)	30·15	59	S	2	o	30·12	-·08	56	55	- 3	W	2	bc	3	62	55	opl	3·9	0·23
	Scilly (St. Mary's)...	30·16	58	SSE	1	f	30·11	-·08	58	57	0	S	2	c	4	60	56	f	0·0	0·01
	Jersey (St. Aubins)...	30·16	66	SE	1	om	30·21	-·06	58	57	+ 1	WSW	4	omp	3	67	57	cm, fbng	1·0	0·57
	Portland Bill ...	30·17	59	ESE	3	f	30·13	-·11	58	57	- 2	W	4	c	3	62	57	f	*	0·05
	Dungeness ...	30·20	62	E	1	f	?30·15	-·15	61	60	- 1	W	3	o	0	63	60	f, rg	0·3	0·17
	Wick	30·14	53	S	2	m	30·11	-·09	51	49	- 3	N	0	b	1	58	40	–	*	0·05
	Nairn	30·14	58	N	0	c	30·12	-·04	47	46	- 11	N	0	b	0	68	40	–	*	0·01
	Aberdeen ...	30·19	53	SSE	2	f	30·14	-·11	52	52	0	SSE	2	f	3	55	51	f	0·0	0·01
	Leith	30·17	58	N	0	o	30·13	-·10	54	54	- 2	NE	1	f	*	60	52	–	*	0·03
	North Shields ...	30·18	61	S	2	m	30·11	-·14	53	53	- 4	N	0	f	2	65	53	c, m, f	*	–
GERMANY, &c.	Spurn Head ...	30·22	57	SE	2	f	30·10	-·21	57	56	0	SE	2	rf	2	59	53	–	*	0·38
	Yarmouth ...	30·23	62	ESE	1	f	30·10	-·21	60	59	+ 5	S	2	cm	3	65	52	b, f	*	0·15
	Nottingham ...	30·21	61	SE	1	o	?30·08	-·21	58	58	0	NNE	1	rm	*	69	57	–	4·0	0·07
	Oxford	30·17	63	SE	1	o	30·10	-·19	59	58	0	S	2	o	*	69	57	o, bl r	*	0·17
	London (Brixton)...	30·17	64	N	0	og	30·10	-·19	60	59	+ 3	SSW	1	o	*	67	55	gm, l, r	0·0	0·03
	The Scaw (Skagen)	30·43	58	WSW	1	b	30·37	-·13	56	56	+ 2	S	1	b	0	63	54	–	*	–
	Fanö	30·41	52	ESE	2	b	30·33	-·16	50	49	- 1	ESE	2	b	*	64	48	–	*	–
	Cuxhaven ...	30·38	60	ESE	1	b	30·30	-·15	50	48	+ 1	ESE	3	bm	*	63	48	–	*	–
	The Helder ...	30·26	63	ESE	1	b	30·17	-·16	58	56	- 1	SE	1	b	1	68	55	–	*	–
	Brussels	*	*	*	*	*	30·19	-·15	60	57	0	SSW	1	o	*	73	56	–	*	–
	Berlin	30·43	59	N	0	b	30·40	-·07	49	48	- 2	N	0	b	*	66	48	–	*	–
	Frankfürt ...	30·34	54	SE	1	b	30·34	-·08	51	45	- 3	NE	1	b	*	72	45	–	*	–
	Munich	30·38	50	N	0	b	30·39	-·05	46	46	+ 1	SE	2	f	*	63	41	–	*	–
FRANCE.	C. Gris Nez ...	30·19	62	ENE	1	o	?30·09	-·20	63	61	+ 4	S	3	o	2	68	59	–	*	–
	Brest	30·16	58	N	2	o	30·18	-·05	59	58	+ 2	SSW	3	c	4	63	55	–	*	0·35
	Lorient	30·12	62	SW	3	bc	30·23	+·03	59	57	0	W	3	c	5	70	55	–	*	0·55
	Rochefort ...	30·16	66	WSW	3	o	30·28	+·07	59	59	0	W	1	bc	*	75	59	o	*	–
	Biarritz	30·25	67	W	3	o	30·28	+·06	62	62	- 1	ENE	1	c	2	75	61	o, bl r	*	–
	Paris	30·21	67	ESE	2	o	30·21	-·11	60	60	+ 4	S	2	c	*	73	56	–	*	–
	Belfort	30·23	63	ENE	4	m	?30·28	-·05	56	54	+ 4	NNW	2	m	*	71	52	–	*	–
	Lyons	30·26	66	E	1	b	30·34	-·01	56	54	- 1	SSW	1	o	*	76	54	–	*	–
	Nice	30·30	63	N	0	c	30·33	+·02	60	54	- 3	N	0	bc	2	72	57	–	*	–
	Perpignan ...	30·28	62	N	0	bc	30·32	+·01	63	62	+ 6	E	1	o	*	72	57	–	*	–
SPAIN, PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)	30·11	70	SW	5	b	30·04	-·18	67	63	- 1	WNW	5	c		72	63	–	*	0·04
	„ (Horta) ...	30·11	66	N	0	b	30·05	-·10	67	62	- 2	S	3	c	1	75	63	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR FRIDAY, 25TH SEPTEMBER, 1903.

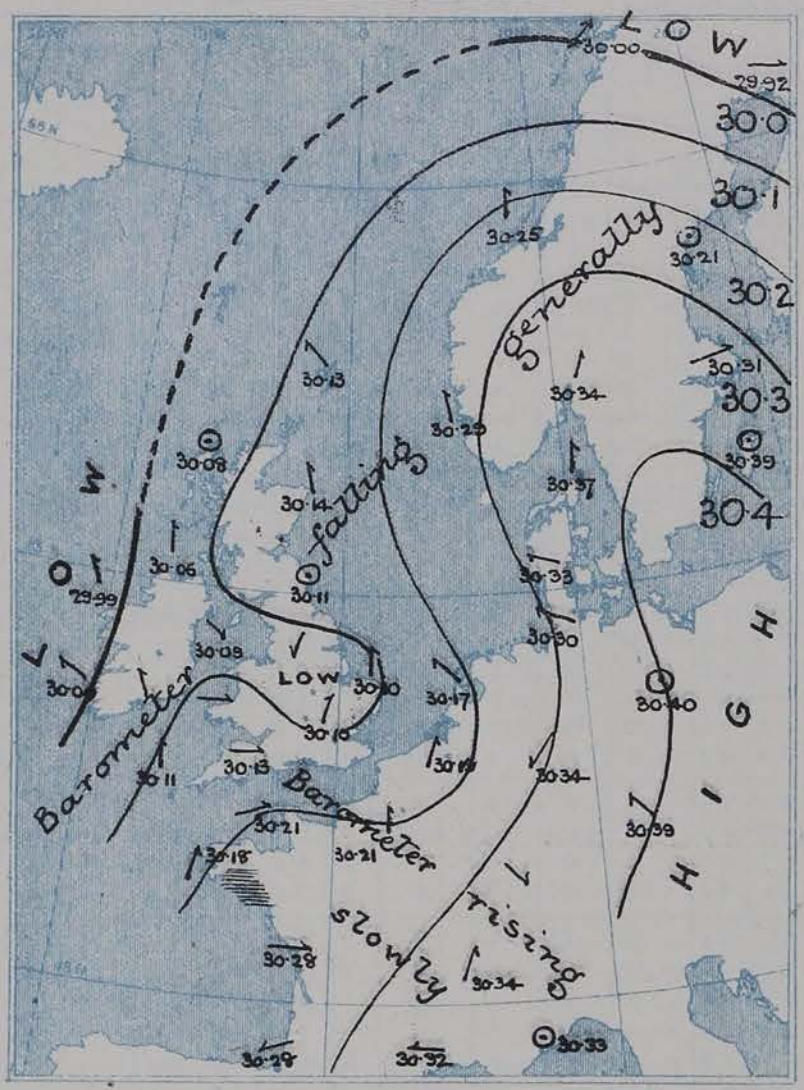
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

Force above 10 ⟫⟶ : *Force 5 to 7* ⟶ : *Force 8 to 10* ⟫⟶ *Force 1 to 4* ⟶ } Calm ⊙

SEA —Rough ▒ *High.* ▬

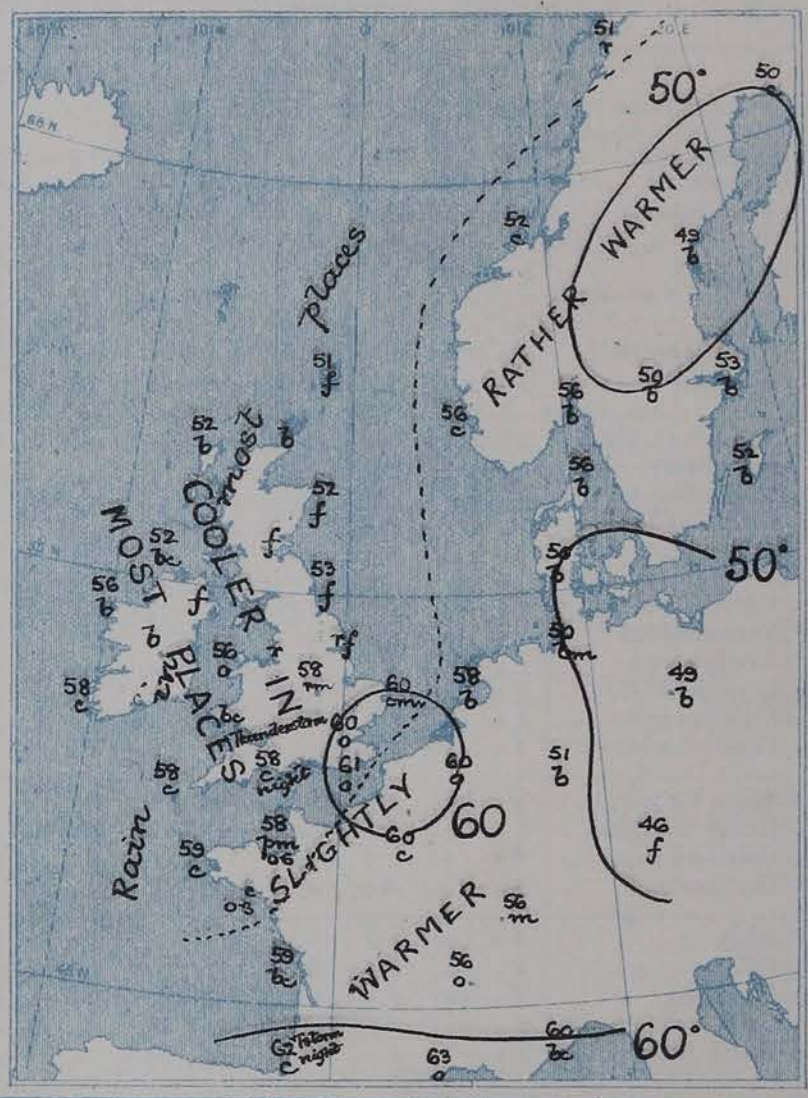


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

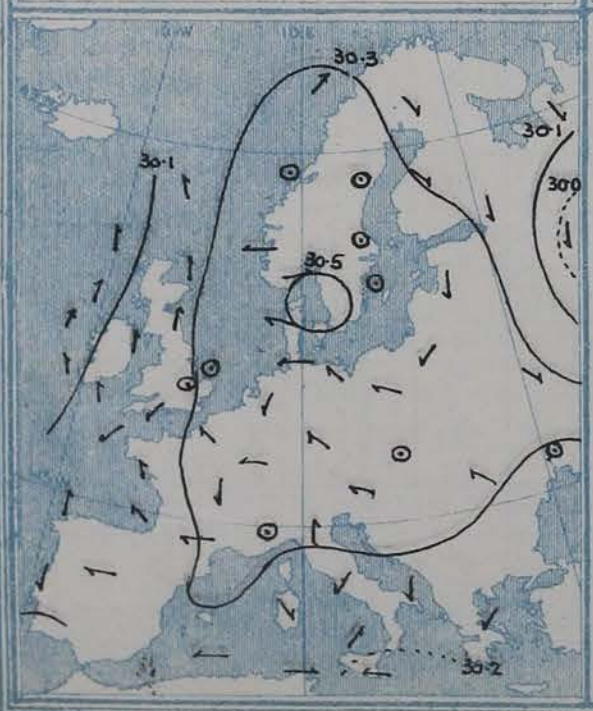
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

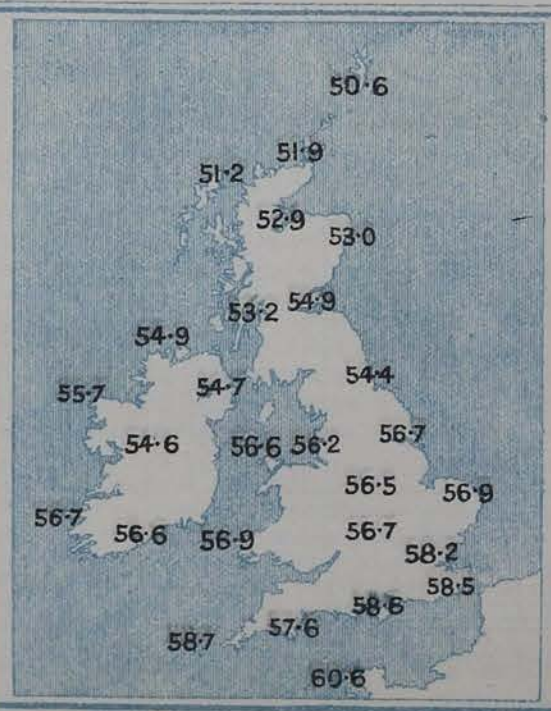


III. BAROMETER AND WIND

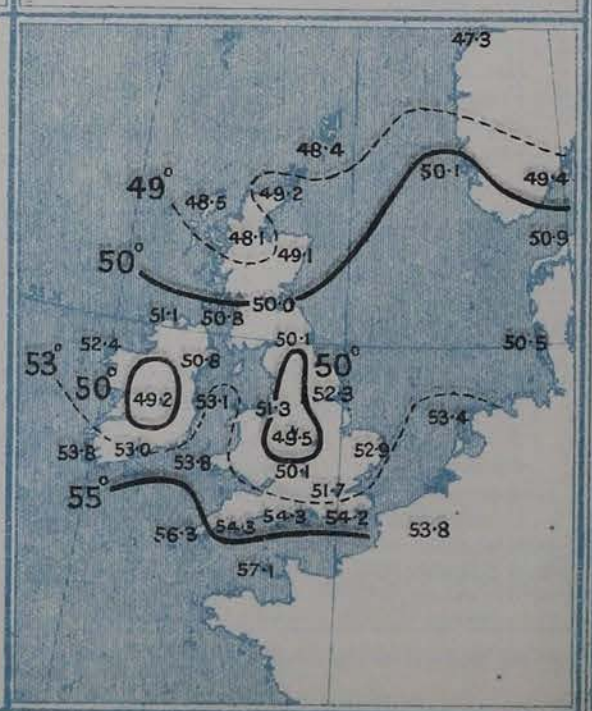
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *Combined for the month of* SEPTEMBER (1871–1900).



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two-monthly period* SEPTEMBER-OCTOBER (1871–1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

There is still very little change in the relative distribution of pressure, the only modification since yesterday being that the central portion of the anticyclone is now found over Denmark and the lowest pressures off our northwest coasts. There also appears to be a very shallow disturbance over the Bay of Biscay. The barometer ranges from 30·5 ins. at Skagen to 30·05 ins. at Blacksod Point. The mercury is falling somewhat in the Shetlands and the north of Norway and very slightly in the west of France, but elsewhere a rise is in progress.

WIND

The wind, which is generally very light, is mainly S^{ly} over the United Kingdom, but draws into east or northeast on our south coasts and at Jersey, under the influence of the shallow low pressure system over the Bay of Biscay. Over the countries lying to the eastward of the North Sea an anticyclonic movement of wind prevails.

TEMPERATURE

Temperature is still high for the time of year over our Islands, although it has fallen a little in many places since yesterday. At Dungeness and Portland it is as high as 62° and 60°, and no lower than 59° and 58° respectively at Malin Head and Nairn, but at Aberdeen the reading is only 54° and at Sumburgh Head 51°. Over the continental portion of our area the figures are mostly lower, especially over Bavaria and at Karlstad but at Brussels the thermometer marks 60° and at Nice and Biarritz 63°.

WEATHER AND SEA

At most continental stations the weather continues very fine, but fog is reported at Cuxhaven, Munich, and Belfort, and mist in the north of Holland. On the south and east coasts of Great Britain fog is unusually prevalent and the air is very close over our Islands generally. Showers are falling along the west coast of Ireland and at Liverpool, and rain in the extreme north of Scotland. The sea is moderate to smooth.

During yesterday the temperature rose to 72° at Jersey, Bath and Manchester, & to 71° at Aberystwyth, & in most cases the maxima were 65° or upwards. Rain was experienced at many W^{n} & NW^{n} stations – as much as 0·6 in. at Valencia, & in many other parts of the United Kingdom a measureable quantity of water was deposited in the gauge by wet fogs or dews. Bright sunshine was little prevalent generally, but Broadstairs had 7·2 hrs.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in pressure are very slight and point to no immediate modification of the present relative distribution. There appears to be a tendency, however, for depressions to arrive in the far north and northwest and for the central part of the anticyclone to move southwards. A gradual change to a SW^{ly} type of pressure distribution may, therefore, be expected.

FORECASTS*

For the 24 hours ending at NOON on 25th September, 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S^{ly} to W^{ly} winds, light or moderate; misty and foggy to cloudy, some rain in west. Mild.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Calms or variable E^{ly} to S^{ly} airs; mild, close, air, mist or fog continuing very prevalent.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	S^{ly} to SW^{ly} winds, moderate; cloudy or dull, local mists. Mild.
7	ENGLAND N.W.	S^{ly} to SW^{ly} winds, light or moderate; mild, fair generally, but mist or fog in many places.
8	ENGLAND S.W.	
9	IRELAND NORTH	S^{ly} to SW^{ly} winds, light or moderate; fair generally, some showers on west coast. Mild.
10	IRELAND SOUTH	
	WARNINGS	None issued.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.					THIS MORNING 8 A.M.									PAST 24 HOURS.				
	Bar. Ins	Temp. °	Wind Direc^{n}	Wind Force	Weather	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	f	*	65	53	o, 8c	4·0	0·01
Bath	30·25	60	E	1	8	30·25	+·01	60	59	+1	SE	1	8	*	72	57	–	3·4	–

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERTURE F. Max.	TEMPERTURE F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F. Max.	TEMPERATURE F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	69	56	o, c, o	1·8	–	Broadstairs...	*	*	*	7·2	*
Rhyl, to 6 p.m.	*	*	*	2·5	*	Margate	66	49	c, 8, f	6·3	0·03
Llandudno	*	*	*	0·4	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	71	64	c	3·0	–	Skegness	*	*	*	0·0	*
Plymouth, to 9 p.m.... ...	65	59	op	0·0	0·03	Scarborough, to 6 p.m. ...	63	4	*	3·7	*
Worthing	*	*	*	3·6	*	Harrogate, to 6 p.m. ...	65	53	r, oc, 8	4·1	0·18
Brighton	66	*	*	2·8	*	Manchester, to 9 p.m. ...	72	55	8c, o	5·3	–
Eastbourne, to 6 p.m. ...	62	*	*	0·0	*	Darwen, to 9 p.m.	67	54	oc, og, omw	4·3	–
Hastings	*	*	*	2·1	*	Birmingham, to 9 p.m. ...	68	56	o, c, 8	2·7	–

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

STATIONS. 23rd Sept. 1908.	TEMPERATURE, F. Max.	TEMPERATURE, F. Min.	WEATHER.	RAIN. Ins.	STATIONS. 22nd Sept. 1908	TEMPERATURE, F. Dry. 1 p.m.	TEMPERATURE, F. Wet.	WEATHER. 1 p.m.	RAIN. Ins. Measured 7 a.m.
Marseilles	73	57	o, c	0·55					
Utrecht...	68	48	c, c	–	Geneva	59	*	o	–
Copenhagen	61	46	8, 8	–	Berne	61	*	c	–
Prague	64	45	8, f	–	Lucerne	61	*	8	–
Vienna	63	45	8, c	–	Coire	70	*	8	–
Buda-Pesth	63	46	8, 8	–	Castasegna	59	*	o	–
St. Petersburg	57	41	8, o	–	Lugano	66	*	o	–
Rome	77	59	o, c	–					
Malta	76	70	o	–					
Madeira (Funchal)	Not rec^{d}								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡
Holland	8 a.m.(,, ,,)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m

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

24th Sept. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.43	11.45	5.47
Greenwich	5.50	11.52	5.54
Wick	6.1	12.4	6.6
Valencia	6.31	12.33	6.35

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„ Weekly „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 26th. September, **1903.**

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW.** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
Scandinavia.	Haparanda ...	29·84	49	N	0	o	29·74	−·18	52	49	+ 2	W	4	o	*	54	41	–	*	–
	Hernösand ...	30·10	52	N	0	o	30·01	−·20	54	49	+ 5	W	2	o	*	64	37	–	*	–
	Stockholm ...	30·22	54	W	2	b	30·12	−·19	51	49	− 2	W	4	o	*	63	48	–	*	–
	Wisby	30·26	53	N	0	b	30·19	−·20	52	49	0	N	0	bc	*	61	45	–	*	–
	Karlstad	30·23	54	SW	2	b	30·15	−·21	53	51	+ 3	SW	2	o	*	*	*	–	*	–
	Færder (X'tania Fjord)	30·24	57	SW	2	m	30·17	−·17	49	49	− 7	N	2	f	1	57	48	–	*	–
	Bodö	29·95	50	WSW	6	r	29·84	−·16	50	49	− 1	WSW	4	r	3	51	50	–	*	0·75
	Christiansund ...	30·17	53	SW	1	r	30·15	−·10	54	53	+ 2	W	3	f	3	55	52	–	*	0·20
	Skudesnaes ...	30·24	55	N	0	b	30·20	−·09	50	49	− 6	N	0	b	0	59	48	m,b	*	*
British Islands.	Sumburgh Head	30·11	50	S	1	f	30·13	·00	48	48	− 3	ESE	1	f	2	51	47	f	*	0·03
	Stornoway ...	30·08	59	N	0	b	30·07	−·01	49	49	− 3	N	0	c	0	66	44	b	9.6	–
	Malin Head ...	30·05	59	S	2	b	30·06	·00	57	56	+ 5	SSE	4	bc	2	63	52	b	*	–
	Blacksod Pt. ...	29·97	60	SE	4	c	29·96	−·03	59	56	+ 3	E	4	bc	3	62	55	c	*	–
	Valencia	29·98	60	SSE	5	og	29·94	−·06	60	56	+ 2	SE	6	o	5	63	58	og	0·6	0·02
	Roche's Point ...	30·09	59	SSE	3	o	30·07	−·01	58	57	0	SE	4	c	3	61	57	o	*	–
	Parsonstown ...	30·08	59	E	1	c	30·07	−·01	58	55	+ 4	E	2	c	*	64	53	–	6.2	–
	Donaghadee ...	30·12	59	NE	1	b	30·15	+·05	56	55	+ 1	SSE	1	o	1	60	50	–	*	–
	Liverpool Obsy.	30·15	56	W	1	c	30·22	+·13	50	50	− 8	SSE	1	f	?	59	47	p,c	*	0·03
	Holyhead ...	30·14	55	SW	2	bm	30·17	+·08	58	56	+ 2	S	1	cm	1	59	54	c, bm	*	–
	Pembroke (St. Ann's)	30·15	58	SW	2	bc	30·16	+·04	58	57	+ 2	SSE	4	bc	3	61	55	–	7·1	0·01
	Scilly (St. Mary's)...	30·15	59	S	3	bc	30·11	·00	58	56	0	ESE	4	cw	5	64	55	bc	8·4	–
	Jersey (St. Aubins)...	30·24	61	ESE	2	bcm	30·25	+·04	58	56	0	SE	2	bm	2	65	51	g,b,bcmw	6·2	0·01
	Portland Bill ...	30·22	58	SW	3	bc	30·24	+·11	59	57	+ 1	NE	2	bw	2	62	54	bc	*	–
	Dungeness ...	30·19	60	W	4	bc	30·29	+·14	51	50	− 10	NW	2	f	2	66	49	c, bc	4·3	0·05
	Wick	30·11	56	SE	1	f	30·12	+·01	53	52	+ 2	N	0	f	1	64	49	–	*	0·01
	Nairn	30·08	53	N	0	m	30·12	·00	49	48	+ 2	N	0	f	0	62	45	–	*	0·01
	Aberdeen ...	30·11	53	SSE	2	f	30·15	+·01	46	46	− 6	W	1	f	3	55	45	m,f	0·0	0·01
	Leith	30·09	55	N	0	f	30·18	+·05	55	54	+ 1	W	1	cm	*	57	51	–	*	0·01
	North Shields ...	30·08	55	NW	2	m	30·17	+·06	56	54	+ 3	W	2	cm	2	57	52	f,dm,p	*	–
	Spurn Head ...	30·10	60	N	0	o	30·19	+·09	55	53	− 2	W	2	o	2	63	53	–	*	–
	Yarmouth ...	30·10	63	SSW	2	cf	30·20	+·10	55	54	− 5	WNW	3	of	2	64	51	c,f	*	0·02
	Nottingham ...	30·12	61	WNW	1	o	30·22	+·14	48	48	− 10	W	1	f	*	64	46	–	0·4	0·19
	Oxford	30·22	56	W	1	b	30·27	+·17	49	48	− 10	WSW	1	of	*	67	47	–	*	–
	London (Brixton)...	30·16	62	W	1	b	30·25	+·15	54	54	− 6	SW	1	omw	*	68	52	bc, om	4·0	–
Germany, &c.	The Scaw (Skagen)	30·26	57	SW	1	m	30·19	−·18	55	55	− 1	SW	1	m	0	59	54	–	*	–
	Fanö	30·21	53	ESE	1	b	30·19	−·14	50	50	0	E	1	m	*	64	?48	–	*	–
	Cuxhaven ...	30·21	60	S	1	o	30·18	−·12	56	55	+ 6	SW	1	om	*	66	52	–	*	–
	The Helder ...	30·14	60	N	0	o	30·17	·00	59	59	+ 1	WSW	1	f	1	66	57	–	*	0·55
	Brussels	*	*	*	*	*	30·30	+·11	53	53	− 7	SW	1	f	*	73	51	–	*	0·28
	Berlin	30·28	60	N	0	b	30·22	−·18	51	48	+ 2	S	1	bc	*	70	48	–	*	–
	Frankfürt ...	30·28	62	W	1	b	30·31	−·03	57	56	+ 6	SW	2	c	*	70	51	–	*	–
	Munich	30·37	55	N	0	b	30·38	−·01	57	55	+ 11	SW	3	o	*	64	46	–	*	–
France.	C. Gris Nez ...	30·17	58	WSW	5	b	30·24	+·15	56	55	− 7	W	3	m	3	64	55	–	*	–
	Brest	30·21	60	S	3	b	30·14	−·04	57	55	− 2	E	3	b	3	63	55	–	*	–
	Lorient	30·25	62	SSW	2	b	30·14	−·09	57	55	− 2	E	4	c	4	68	54	–	*	–
	Rochefort ...	30·21	65	N	3	b	30·17	−·11	59	57	0	E	2	b	*	72	55	bc,b	*	?
	Biarritz	30·20	73	E	3	b	30·18	−·10	69	63	+ 7	S	2	b	2	77	61	b,2	*	?
Span. Pen.	Paris	30·26	61	SW	2	b	30·30	+·09	48	48	− 12	SSW	1	b	*	71	46	–	*	–
	Belfort	30·28	62	WSW	2	o	30·31	+·03	55	54	− 1	N	0	m	*	69	53	–	*	–
	Lyons	30·32	63	SSW	1	c	30·34	·00	55	51	− 1	SE	1	b	*	77	51	–	*	–
	Nice	30·33	62	E	1	c	30·32	−·01	63	56	+ 3	NNE	1	b	2	72	55	–	*	–
	Perpignan ...	30·30	62	E	2	b	30·30	−·02	62	62	− 1	N	0	f	*	71	58	–	*	–
	Corunna																		*	
	Lisbon	30·17	65	NNW	1	b	30·15	−·07	63	59	− 2	NNE	2	o	*	75	63	–	*	–
	Azores (P. Delgada)	30·03	66	NW	4	b	30·08	+·04	65	59	− 2	NW	3	bc	2	73	61	–	*	–
	„ (Horta) ...	30·07	66	NNW	3	o	30·10	+·05	62	58	− 5	N	0	c	2	73	61	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR SATURDAY, 26th SEPTEMBER 1903.

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

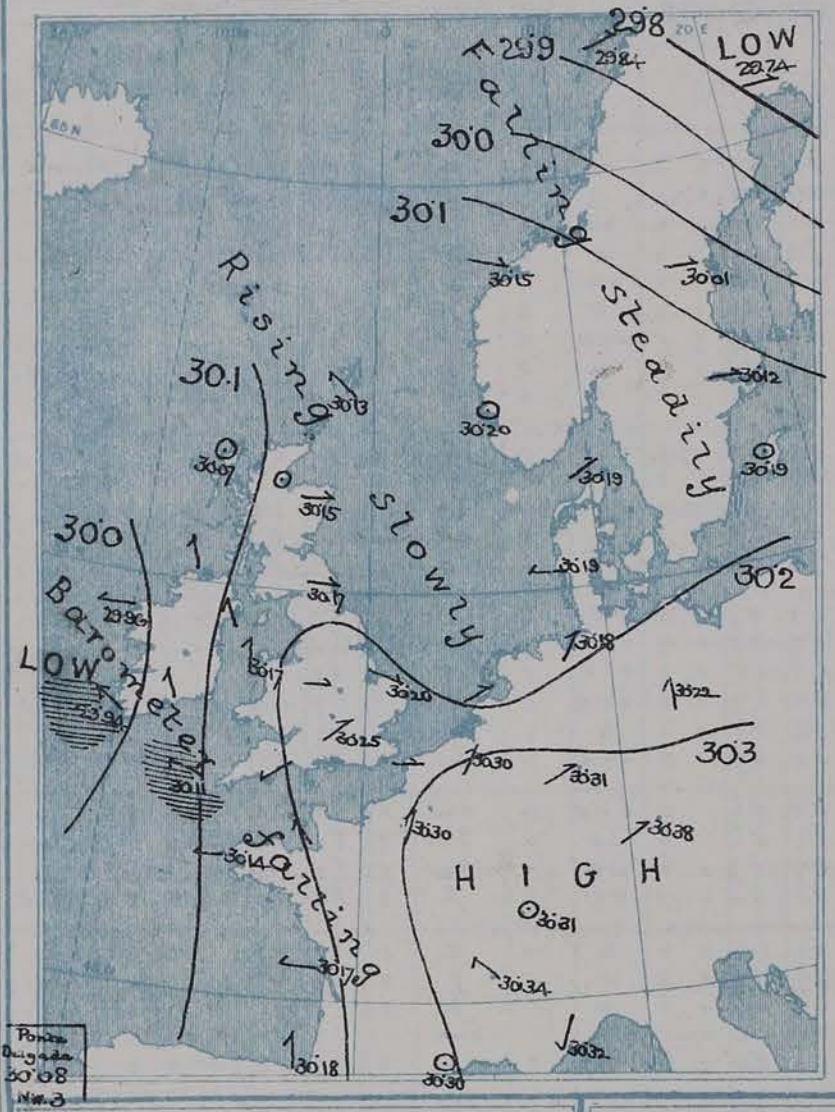
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟫⟶ : *Force 5 to 7* ⟶ : } Calm ⊙

Force 8 to 10 ⟫⟶ : *Force 1 to 4* ⟶ : }

SEA.—Rough ▭ *High* ▬

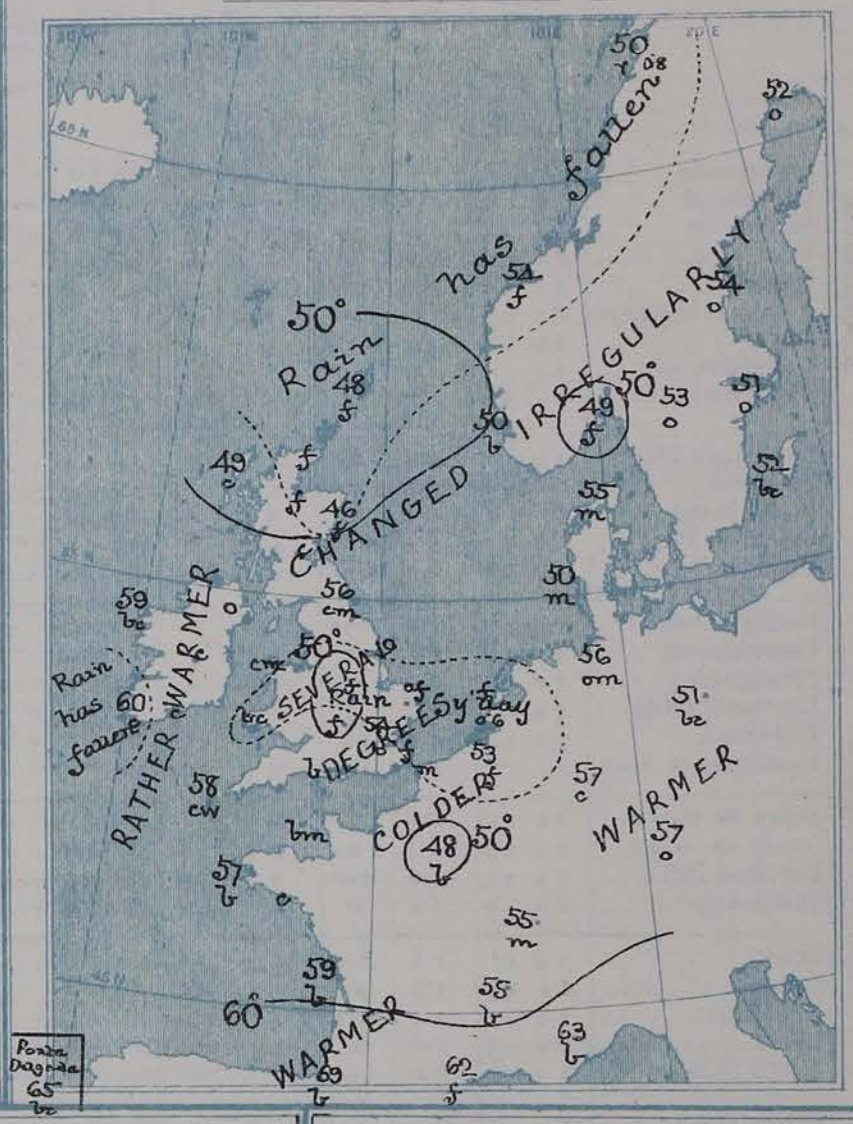


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

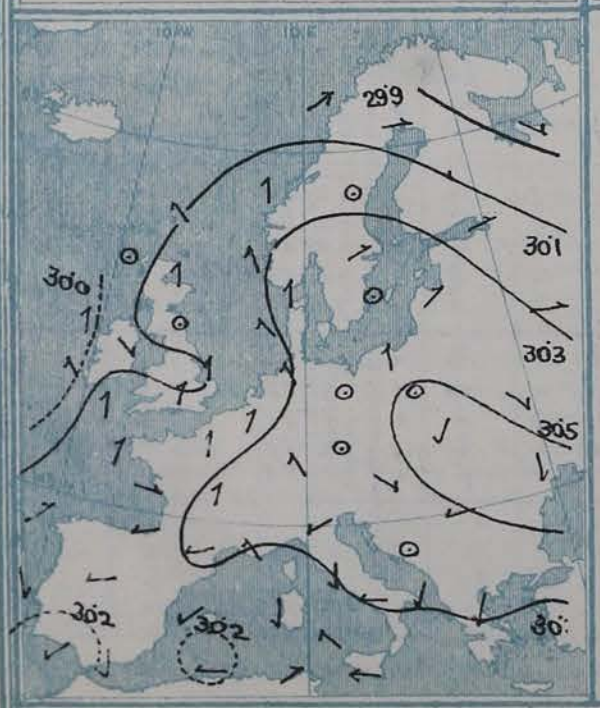
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

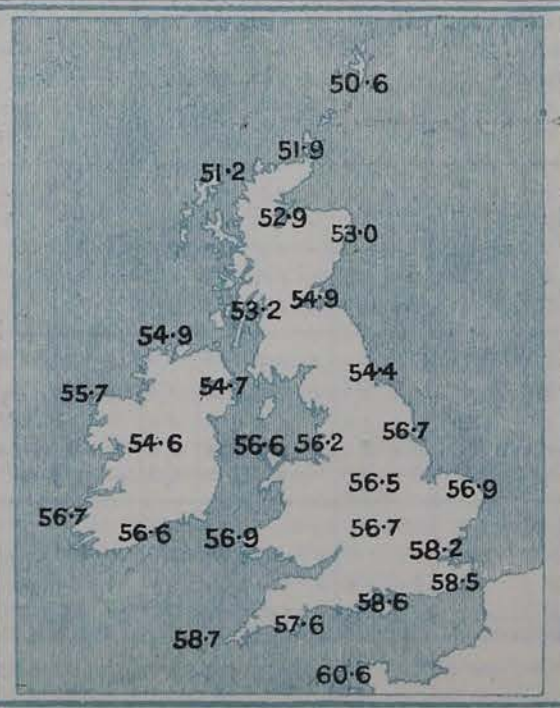


III BAROMETER AND WIND

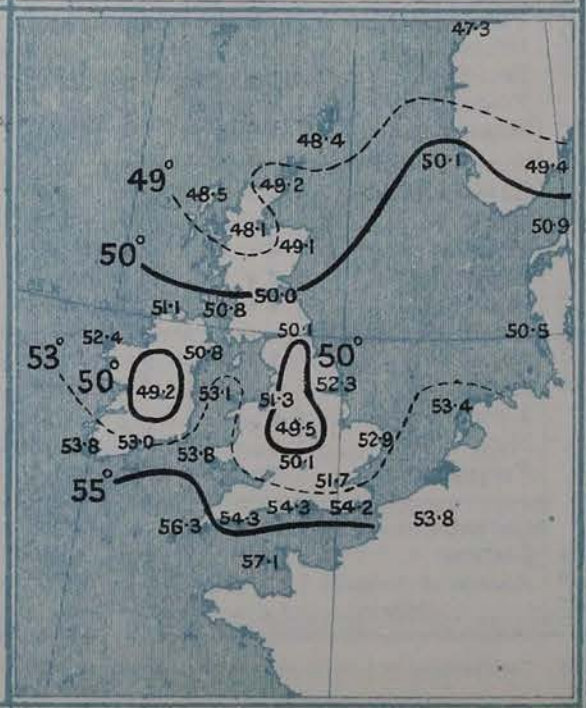
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *Combined for the month of* SEPTEMBER (1871–1900).



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two-monthly period* SEPTEMBER-OCTOBER (1871–1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure now ranges from 30·4 ins. and above in an anticyclone having its central portion over the southern part of the Baltic and the west of Germany, to below 30·1 ins. in a shallow depression over England, to below 30·0 ins. off the west of Ireland and also over Lapland. The barometer is falling slowly generally, but is rising again over France and the extreme southeast of England. Gradients are still very slight throughout our area.

WIND TEMPERATURE WEATHER AND SEA

The wind remains very light, and over Great Britain shows a circulation around the depression over England; over Ireland it is mainly S.^{ly}, and at the Continental stations mostly variable. At Bodö, however, a moderate SW.^{ly} gale is reported. Temperature has risen over Scandinavia and the major portion of France, fallen in most other regions. It ranges from 63° at Nice, 61° at Dungeness, and 60° in London, and at Brussels and Paris to 51° in the Shetlands and at Bodö and to 49° and 46° respectively at Berlin and Munich. The weather remains in a humid, cloudy condition over the United Kingdom, with rain over the central parts of England, and the fog, which has cleared in the Channel and the estuary of the Thames, still prevails along the entire east coast of Great Britain. On the Continent the sky is clearer, but rain is falling at Bodö. The sea is moderate to smooth.

Since yesterday morning rain has fallen in Brittany and at almost all our own stations, the largest amounts being 0·6 in. at Lorient and Jersey. Thunderstorms were experienced at Biarritz, Jersey and Oxford, and lightning was observed in London and at Pembroke. The highest temperature recorded in our Islands was 69°, which was registered at Nottingham, Oxford and Margate. The minima over England were very high for the season; at Dungeness the thermometer did not sink below 60°. Bright sunshine was little prevalent generally, but at Clacton there were 5·8 hrs. and at Parsonstown 7·4 hrs.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depression which has arrived over England from the southward seems likely to continue to travel N.^{ly} and to cause rain over all our more northern districts. Our western coasts will probably become more and more under the influence of the Atlantic disturbances which appear to be approaching. The anticyclone is decreasing gradually in intensity and moving southwards.

FORECASTS*

For the 24 hours ending at NOON on 26th SEPT.^{r}, 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Light variable or SE.^{by} to S.^{by} winds; misty or foggy, some rain, close.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	Light winds, becoming S.^{ly}; some rain and mist, then improving, warm, close.
5	ENGLAND SOUTH	Light winds between W. and S.; fine and warm generally. Becoming less close.
6	SCOTLAND WEST	Light or moderate winds, mainly S.^{ly} or SW.^{ly}; cloudy or dull, very mild, some rain — most in west.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	None issued.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	c	*	62	55	bc, r	5·8	0·35
Bath	30·16	65	E	1	b	30·11	-·14	59	58	-1	E	1	b	*	68	57	-	0·0	0·07

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	63	58	or, c, o	0·0	0·14	Broadstairs...	*	*	*	4·6	*
Rhyl, to 6 p.m....	*	*	*		*	Margate	69	52	c, w	5·0	0·01
Llandudno...	*	*	*	0·2	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	64	59	o	0·0	-	Skegness	*	*	*	0·0	*
Plymouth, to 9 p.m.... ...	64	57	oup, or	0·0	0·52	Scarborough, to 6 p.m. ...	61	*	*	0·0	*
Worthing	*	*	*	3·0	*	Harrogate, to 6 p.m. ...	62	55	p, o, m	0·0	0·02
Brighton	66	*	*	4·3	*	Manchester, to 9 p.m. ...					
Eastbourne, to 6 p.m. ...	63	*	*	0·0	*	Darwen, to 9 p.m.	65	55	om, bp, om	0·3	0·07
Hastings	*	*	*	0·2	*	Birmingham, to 9 p.m. ...	64	56	o	0·0	-

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

STATIONS. 24th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Dry.	Temperature, F. Wet.	Weather.	Rain. Ins.
					23rd Sept. 1903	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles	73	54	c, b	—	Geneva	68	*	b	—
Utrecht...	73	50	c, m	—	Berne	66	*	bc	0.04
Copenhagen	55	46	f, m	—	Lucerne	70	*	b	—
Prague	66	43	b, f	—	Coire	66	*	b	—
Vienna	64	43	b, b	—	Castasegna	63	*	b	—
Buda-Pesth	64	46	b, m	—	Lugano	70	*	b	—
St. Petersburg	57	39	b, c	—					
Rome	82	63	o, c	—					
Malta	77	70	?, c	—					
Madeira (Funchal) Not recd.									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER,—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores (Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

25th Sept. 1903.

	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.45	11.45	5.45
Greenwich	5.52	11.52	5.52
Wick	6.4	12.4	6.3
Valencia	6.33	12.33	6.33

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Sunday, 27th SEPTEMBER, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW**, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L. Ins.	Dry Bulb. °	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Direc.	Force (0 to 12.)			Max. °	Min. °		Hours.	Ins.
SCANDINAVIA.	Haparanda ...	29.71	50	NW	4	b	29.98	+.24	38	35	−14	E	4	o	*	59	38	—	*	—
	Hernösand ...	30.00	53	W	2	o	30.02	+.01	54	48	0	NNW	4	b	*	64	50	—	*	—
	Stockholm ...	30.09	51	W	2	b	30.11	−.01	50	48	−1	Z	0	b	*	61	48	—	*	—
	Wisby	30.12	50	Z	0	b	30.10	−.09	50	50	−2	Z	0	f	*	57	48	—	*	—
	Karlstad	30.14	47	W	2	b	30.15	.00	41	40	−12	WNW	2	b	*	*	*	b,f	*	—
	Færder (X'tania Fjord)	30.13	54	SW	2	b	30.13	−.04	51	51	+2	NNE	1	f	1	52	49	—	*	—
	Bodö	29.86	49	SW	4	r	29.97	+.13	46	43	−4	W	4	o	2	50	45	—	*	0.20
	Christiansund ...	30.19	53	W	2	o	30.12	−.03	52	51	−2	Z	0	c	1	54	50	—	*	0.04
	Skudesnaes ...	30.17	53	WSW	2	c	30.12	−.08	51	51	+1	S	2	f	2	61	50	b,c	*	*
BRITISH ISLANDS.	Sumburgh Head	30.08	50	SE	1	f	29.93	−.20	51	51	+3	SE	3	f	3	51	47	f	*	0.01
	Stornoway ...	30.01	60	SSW	2	o	29.94	−.33	52	52	+3	Z	0	r	0	62	46	o	1.8	0.05
	Malin Head ...	29.92	57	SSE	5	c	29.66	−.40	55	54	−2	SSE	4	cp	3	61	54	c	*	0.01
	Blacksod Pt. ...	29.81	60	ESE	4	bc	29.60	−.36	58	55	−1	SSW	7	cp	5	62	56	bc	*	0.17
	Valencia	29.75	59	SE	6	r	29.69	−.25	56	54	−4	SSE	4	c	5	63	54	c,g,r	5.1	0.23
	Roche's Point ...	29.88	58	SSE	6	rw	29.66	−.41	58	56	0	SW	2	c	2	59	56	rw,b	*	0.25
	Parsonstown ...	29.90	60	SE	1	o	29.73	−.34	54	53	−4	ESE	1	b	*	62	53	o,r	0.0	0.08
	Donaghadee ...	30.06	57	SSE	2	c	29.79	−.36	57	56	+1	SSW	2	o	3	60	56	—	*	0.15
	Liverpool Obsy.	30.10	59	SSE	2	bc	29.86	−.36	57	55	+7	SE	3	c	2	64	?50	cw	*	—
	Holyhead	30.05	59	Z	0	cw	29.81	−.36	59	58	+1	S	3	cp	3	64	56	cw	*	0.06
	Pembroke (St. Ann's)	30.00	60	SE	4	c	29.83	−.33	58	58	0	SW	5	c	4	62	58	c,br	7.9	0.15
	Scilly (St. Mary's) ...	29.96	60	S	6	rw	29.85	−.26	58	57	0	SSW	1	c	5	63	56	or,w	3.8	0.03
	Jersey (St. Aubins) ...	30.10	67	ESE	3	bcw	29.96	−.29	62	60	+4	SSW	4	cw	3	71	57	bw,bcw	9.5	0.02
	Portland Bill ...	30.11	59	ESE	3	bc	29.91	−.33	60	59	+1	SSW	1	c	1	64	58	bc,br	*	0.16
	Dungeness ...	30.17	60	SE	1	b	29.99	−.30	62	59	+11	SSE	3	o	1	63	?91	f,bc,b	6.0	—
	Wick	30.05	52	S	2	f	29.85	−.27	52	51	−1	S	3	w	1	54	49	—	*	0.02
	Nairn	30.04	52	Z	0	f	29.82	−.30	46	45	−3	Z	0	f	0	54	42	f,w	*	0.02
	Aberdeen ...	30.08	55	S	2	bw	29.90	−.25	51	51	+5	SSE	3	f	3	62	45	bw	5.6	—
	Leith	30.08	60	W	1	o	29.83	−.35	54	52	−1	ESE	2	o	*	68	49	—	*	—
	North Shields ...	30.10	55	ESE	2	bcw	29.90	−.27	54	53	−2	SE	3	ow	2	63	48	bcw	*	—
	Spurn Head ...	30.14	56	E	3	bc	29.95	−.24	56	55	+1	SE	5	c	3	64	50	—	*	—
	Yarmouth ...	30.16	61	SSE	3	bc	30.01	−.19	60	57	+5	SSE	4	bc	3	63	51	bc	*	—
	Nottingham ...	30.14	57	SW	1	b	29.93	−.29	55	54	+7	ESE	1	c	*	67	44	—	6.1	—
	Oxford	30.13	57	S	1	b	29.94	−.33	57	56	+8	SSE	2	cp	*	63	48	o,b	*	0.02
	London (Brixton) ...	30.14	? 65	SW	1	bc	29.97	−.28	67	57	+3	SSE	1	o	*	68	53	bc,b	5.7	—
GERMANY, &c.	The Scaw (Skagen)	30.16	56	W	1	rw	30.14	−.05	51	51	−4	NW	1	f	0	61	46	—	*	0.04
	Fanö	30.17	51	Z	0	b	30.16	−.03	53	53	+3	Z	0	o	*	63	46	—	*	—
	Cuxhaven ...	30.18	59	W	1	o	30.15	−.03	56	55	0	Z	0	w	*	59	54	f,w	*	—
	The Helder ...	30.17	59	WNW	1	rw	30.10	−.07	51	51	−8	S	1	f	0	61	48	—	*	—
	Brussels	*	*	*	*	*	30.09	−.21	59	55	+6	SSE	1	c	*	66	50	—	*	—
	Berlin	30.19	59	Z	0	c	30.16	−.06	52	52	+1	Z	0	f	*	64	48	—	*	—
	Frankfürt ...	30.23	57	N	1	o	30.19	−.12	51	50	−6	E	1	b	*	70	48	—	*	—
	Munich	30.30	55	W	2	r	30.24	−.14	52	51	−5	Z	0	c	*	64	48	—	*	0.08
FRANCE.	C. Gris Nez ...	30.17	57	Z	0	b	?29.94	−.30	59	56	+3	ESE	3	b	2	66	54	—	*	—
	Brest	30.02	62	SSE	3	o	29.94	−.20	60	59	+3	SSW	2	o	5	68	55	—	*	—
	Lorient	30.04	63	S	4	c	29.97	−.17	60	58	+3	SSW	3	bc	5	70	54	—	*	0.08
	Rochefort ...	30.08	72	SE	3	c	30.01	−.16	62	61	+3	SE	3	o	*	81	59	b,c	*	—
	Biarritz																		*	
SPAN. PEN.	Paris	30.18	65	ESE	2	b	30.10	−.20	55	54	+7	SSE	1	b	*	73	48	—	*	—
	Belfort	30.14	66	WSW	2	bc	30.16	−.15	51	51	−4	W	1	f	*	74	50	—	*	—
	Lyons	30.22	65	ESE	1	b	30.18	−.16	58	54	+3	ESE	1	b	*	76	52	—	*	—
	Nice	30.26	64	E	4	b	30.21	−.11	60	54	−3	E	3	b	3	72	55	—	*	—
	Perpignan ...	30.22	66	NE	2	o	30.15	−.15	59	59	−3	Z	0	b	*	72	57	—	*	—
	Corunna	30.10	73	SSW	1	b	30.03	−.16	61	59	+6	S	1	c	5	75	55	—	*	—
	Lisbon	30.14	63	WSW	3	b	30.13	−.02	62	61	−1	Z	0	b	*	73	59	—	*	—
	Azores (P. Delgada)	30.08	68	WSW	4	o	30.00	−.08	69	67	+4	WSW	5	o	4	72	64	—	*	—
	„ (Horta) ...	30.06	69	SW	4	r	29.99	−.11	70	68	+8	SW	4	o	2	73	62	—	*	0.08

NOTE *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea*

* *Observations for this column not generally received*

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

WEATHER CHARTS

FOR SUNDAY, 27th SEPTEMBER, 1903.

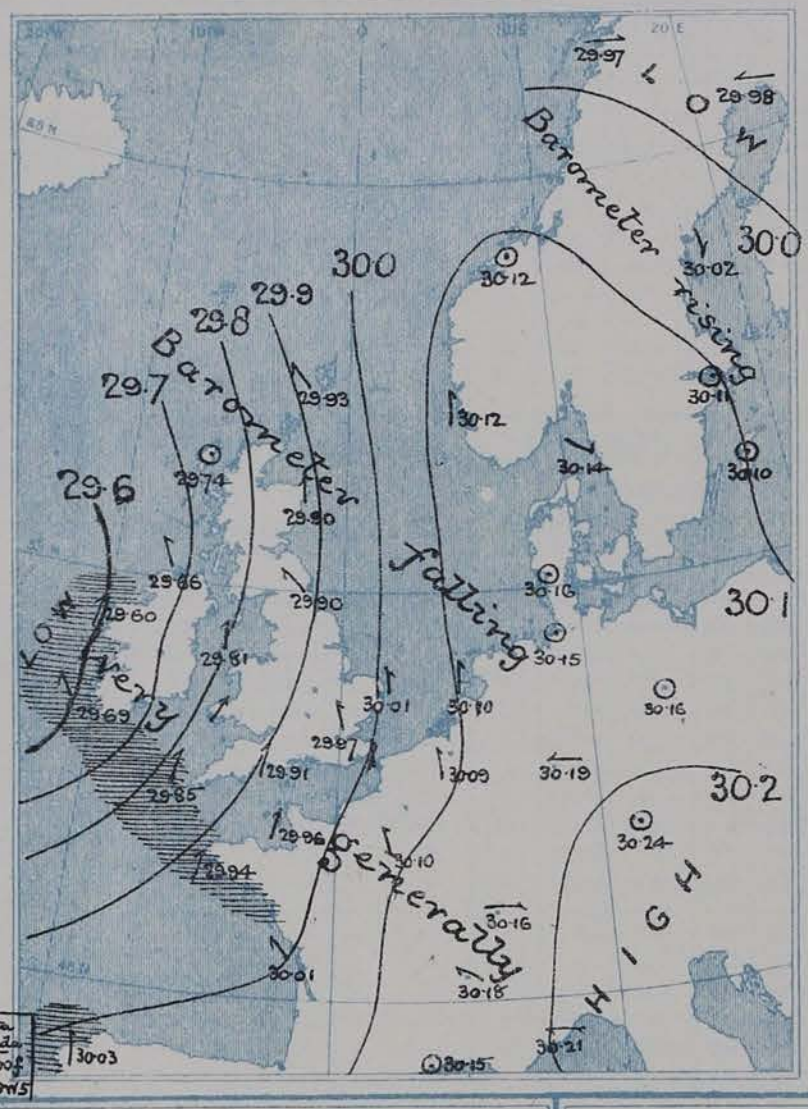
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

Force above 10 ⇉ *Force 8 to 10* ➤ *Force 5 to 7* ⟶ *Force 1 to 4* ⟶ } Calm ⊙

SEA.—Rough *High*

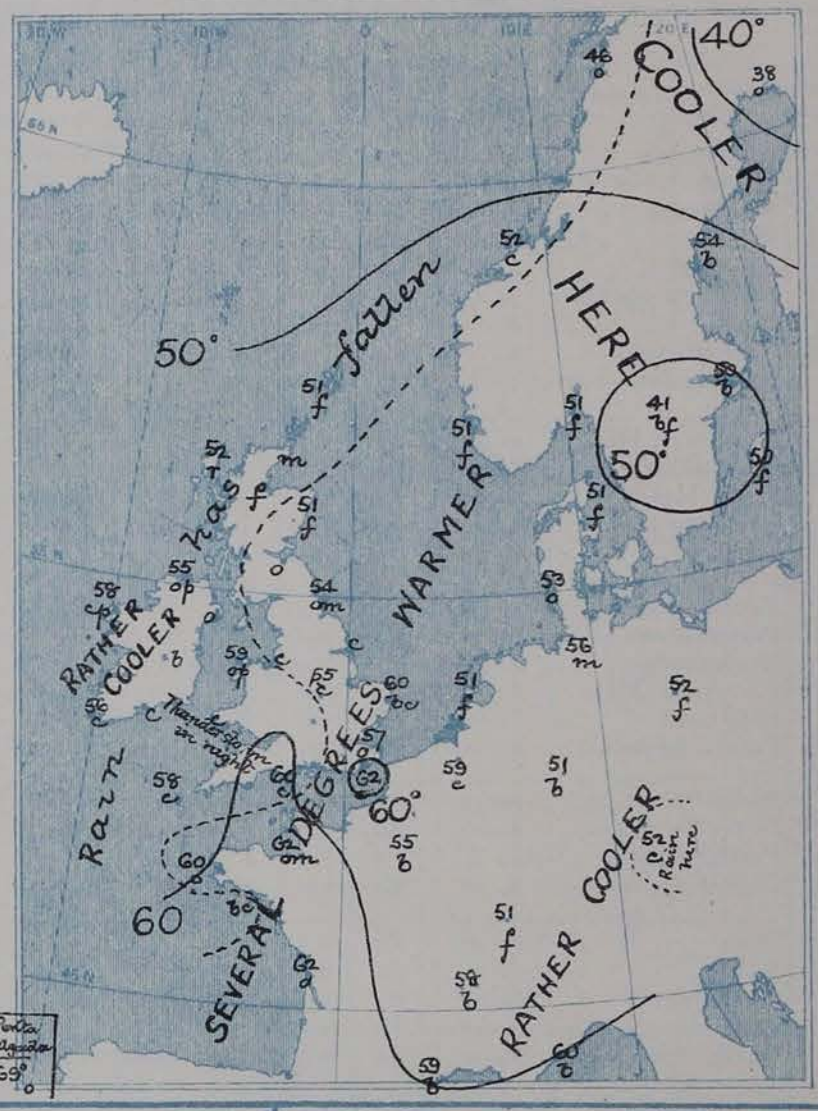


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

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

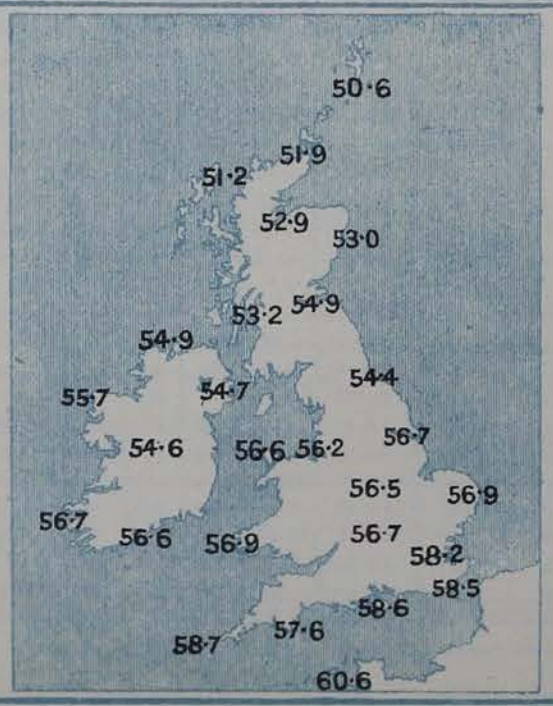
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus ·06



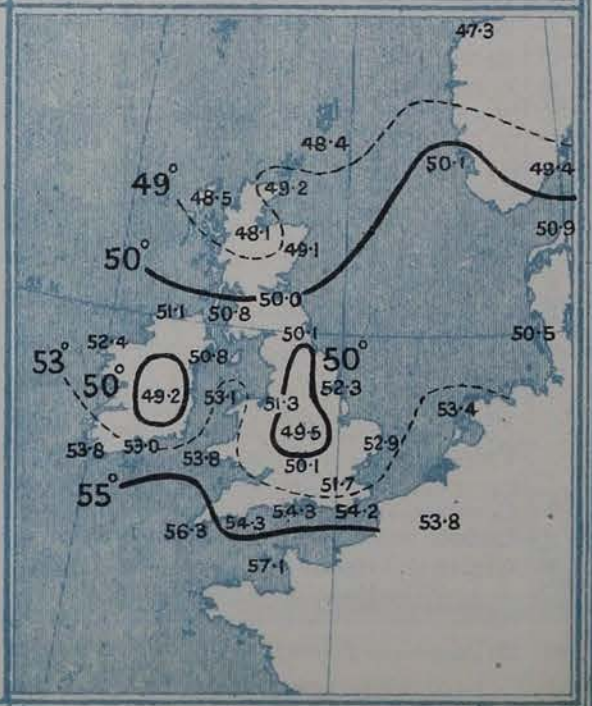
III BAROMETER AND WIND

Yesterday morning.

IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *Combined for the month of* SEPTEMBER (1871–1900).



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two-monthly period* SEPTEMBER-OCTOBER (1871–1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since last evening the barometer has fallen steadily over Scandinavia, Denmark, and the Baltic, and the anticyclone has become transferred to central Europe and the eastern portion of France. A fall of the mercury is also in progress along our own western coasts and over the Bay of Biscay. Pressure now varies from above 30·3 ins. within the anticyclonic area to less than 30·15 ins. over the central part of the North Sea (i.e. the remains of yesterday's disturbance), to about 29·9 ins. off the west of Ireland, and to below 29·8 ins. over Lapland. Gradients are slight generally, but are increasing in the west.

WIND

The wind varies greatly in direction, but is light or moderate in force at all stations excepting Valencia, where it blows strongly. Over Scandinavia it is mainly W.$\frac{1}{2}$., and over France and the western parts of our Islands Easterly or Southeasterly, while on the shores of the North Sea it tends to circulate round the relatively low pressure in that region.

TEMPERATURE

Temperature has risen in Ireland, Germany, and in the southwest of France, but fallen in most other localities – quickly over central England and at Paris. Readings now range from 69° at Biarritz, 60° at Valencia, and a few degrees lower over South Germany, to 48° at Paris and Nottingham, and to 46° at Aberdeen. Over Ireland and at nearly all coast stations in Great Britain the readings are still above the normal.

WEATHER AND SEA

The weather is cloudy or overcast over our area as a whole, with mist or fog in many parts of our Islands, the Netherlands, Denmark and Norway, and rain at Bodö. The sea is slight or smooth generally, but rather rough at Valencia and Scilly.

The highest temperature recorded over the United Kingdom yesterday was 68°, which occurred at Margate, Brighton and in London. The night was cooler than of late, but mild for the time of year. Slight rain fell yesterday in several parts of these Islands, thunder occurred at Nottingham at 2 p.m., and lightning at Clacton in the evening. In Norway and Holland the rainfall was heavy. The amount of bright sunshine varied a great deal; it was most prevalent at Stornoway and Scilly – 9·6 hrs. and 8·4 hrs. respectively.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The establishment of the anticyclone over the east of France and central Europe and the decrease of pressure over Scandinavia and along the Atlantic seaboard of the United Kingdom and France are producing a condition favourable to the passage of depressions over our western and northern districts.

FORECASTS*

For the 24 hours ending at NOON on 27TH SEPTR., 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W.$\frac{1}{2}$. to SW.$\frac{1}{2}$. winds, light to moderate; some fog or mist, then improving temporarily.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Wind backing to SW. or S. and increasing slightly; cloudy or dull, with mist locally, then improving, but not settled.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Moderate or fresh winds between S.E. and S.W; changeable weather, some rain later. Mild.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	None issued.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	m	*	65	51	c,bc,l,f	3·8	-
Bath	30·19	51	E	1	b	30·24	+·13	53	52	- 6	E	1	b	*	66	48	-	6·0	-

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	60	54	or, om, c, b	0·2	0·05	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*	0·0	*	Margate	68	57	b, o, c	2·5	0·01
Llandudno	*	*	*	3·0	*	Lowestoft, to 6 p.m. ...	64	58	m, c, or, c	0·0	0·17
Aberystwyth, to 6 p.m. ...	60	56	bc	8·0	-	Skegness	*	*	*	1·2	*
Plymouth, to 9 p.m.... ...	64	54	bcp, bc	3·8	0·08	Scarborough, to 6 p.m. ...	58	*	*	1·6	*
Worthing	*	*	*	5·8	*	Harrogate, to 6 p.m. ...	62	55	om, o, r, o	0·0	0·40
Brighton	68	*	*	5·6	*	Manchester, to 9 p.m. ...	62	57	op, bc	0·0	0·32
Eastbourne, to 6 p.m. ...	64	*	*	4·6	*	Darwen, to 9 p.m.	60	52	om, r, c, gm	0·0	0·11
Hastings	*	*	*	1·7	*	Birmingham, to 9 p.m. ...	65	56	r, c, o	1·8	0·37

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

STATIONS. 25th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS. 24th Sept. 1903	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. Ins. Measured 7 a.m.
Marseilles	77	54	c, o	—	Geneva	66	*	b	—
Utrecht...	72	52	bc, c	—	Berne	66	*	b	—
Copenhagen	63	48	m, b	—	Lucerne	66	*	b	—
Prague	66	43	f, f	—	Coire	66	*	b	—
Vienna	64	43	b, m	—	Castasegna	64	*	bc	—
Buda-Pesth	63	43	b, f	—	Lugano	70	*	c	—
St. Petersburg	54	37	b, c	—					
Rome	78	58	b, bc	—					
Malta	77	70	?, c	—					
Madeira (Funchal) Not rec'd									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

26th Sept. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.46	11.44	5.42
Greenwich	5.53	11.51	5.49
Wick	6.6	12.3	6.0
Valencia	6.34	12.32	6.30

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Monday, 28th. September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°					°	°		Hours.	Ins.
Scandinavia.	Haparanda ...	30·08	34	N	0	b	29·89	−·09	36	36	− 2	SE	2	o	*	48	32	−	*	0·12
	Hernösand ...	30·01	45	N	0	b	29·93	−·09	50	47	− 4	N	0	o	*	?	43	−	*	−
	Stockholm ...	30·08	51	N	0	b	30·03	−·08	52	50	+ 2	SW	2	b	*	61	46	−	*	−
	Wisby	30·12	47	N	0	b	30·10	·00	47	46	− 3	N	0	f	*	55	39	−	*	−
	Karlstad	30·09	50	N	0	f	30·07	−·08	49	48	+ 8	W	2	o	*	*	*	−	*	−
	Færder (X'tiania Fjord)	30·09	52	S	2	m	30·05	−·08	52	50	+ 1	WSW	3	o	2	54	50	−	*	−
	Bodö	29·93	44	W	4	r	29·85	−·12	44	42	− 2	E	2	r	1	46	41	−	*	0·71
	Christiansund ...	29·99	54	E	2	b	29·95	−·17	53	50	+ 1	ESE	4	c	3	55	50	−	*	−
	Skudesnaes ...	30·06	55	S	4	o	29·97	−·15	54	52	+ 3	S	6	c	4	55	51	f,o	*	*
British Islands.	Sumburgh Head	29·80	51	SE	4	m	29·74	−·19	50	50	− 1	S	1	f	4	54	49	m	*	0·15
	Stornoway ...	29·66	60	SW	4	c	29·66	−·08	55	54	+ 3	S	2	o	2	63	50	o,c	3·6	0·08
	Malin Head ...	29·65	57	S	5	c	29·62	−·04	54	53	− 1	SE	4	b	3	61	53	b,c	*	0·01
	Blacksod Pt. ...	29·62	57	SSW	6	cm	29·47	−·13	57	55	− 1	SE	6	cp	5	60	55	c,cm	*	0·03
	Valencia	29·68	57	SSE	3	c	29·41	−·28	59	58	+ 3	SE	7	rmg	5	61	56	cmp,c	1·2	0·34
	Roche's Point ...	29·75	59	SSW	3	c	29·57	−·09	59	58	+ 1	SSE	5	om	3	61	57	c	*	0·02
	Parsonstown ...	29·72	58	ESE	1	bc	29·58	−·15	58	56	+ 4	ESE	2	bc	*	65	52	bcp	6·2	0·02
	Donaghadee ...	29·75	59	SW	3	bc	29·74	−·05	56	55	− 1	SSW	3	c	3	63	53	−	*	−
	Liverpool Obsy.	29·85	58	WNW	1	bc	29·82	−·04	52	50	− 5	SSE	2	bc	2	64	48	bc,r	*	0·03
	Holyhead ...	29·82	59	SSW	2	bm	29·77	−·04	56	54	− 3	S	3	bcm	2	62	53	bc,bm	*	0·02
	Pembroke (St. Ann's)	29·84	58	SW	4	c	29·73	−·10	59	59	+ 1	S	5	ogm	4	60	56	c,p	5·6	−
	Scilly (St. Mary's)...	29·84	60	SSW	3	c	29·73	−·12	59	58	+ 1	SSE	5	o	4	65	56	c	3·6	−
	Jersey (St. Aubins)...	29·95	63	SE	3	cg	29·91	−·05	61	60	− 1	SSE	3	bcm	3	69	56	c,rw	4·7	−
	Portland Bill ...	29·93	59	SSW	2	c	29·88	−·03	60	59	0	SSE	3	c	2	63	57	cp	*	0·06
	Dungeness ...	29·95	61	SSW	3	ou	29·94	−·05	61	60	− 1	SSW	3	f	2	63	58	r,o	0·8	0·16
	Wick	29·74	53	S	4	m	29·73	−·12	54	53	+ 2	S	2	b	1	56	49	−	*	0·01
	Nairn	29·70	58	N	0	c	29·73	−·09	53	52	+ 7	N	0	bc	0	64	44	−	*	−
	Aberdeen ...	29·78	54	S	3	•	29·79	−·11	51	50	0	SW	1	bm	2	54	43	om,op	0·0	0·10
	Leith	29·76	62	SSW	2	c	29·79	−·04	55	53	+ 1	SSW	2	c	*	67	48	−	*	−
	North Shields ...	29·79	58	S	2	om	29·84	−·06	50	49	− 4	N	0	f	2	59	47	p,om	*	0·20
	Spurn Head ...	29·87	58	SSE	3	b	29·85	−·10	56	55	0	E	3	ow	2	62	52	−	*	0·03
	Yarmouth ...	29·92	61	S	2	or	29·91	−·10	59	57	− 1	WSW	3	cm	2	62	54	bc,or	*	0·04
	Nottingham ...	29·86	62	SW	1	bc	29·87	−·06	54	54	− 1	S	1	o	*	65	52	−	0·0	−
	Oxford	29·91	58	S	2	c	29·89	−·05	59	58	+ 2	S	2	o	*	67	57	−	*	−
	London (Brixton)...	29·91	63	SW	1	bc	29·90	−·07	59	58	+ 2	SW	1	o	*	66	54	or,c,bw	0·6	0·28
Germany, &c.	The Scaw (Skagen)	30·12	51	W	1	f	30·07	−·07	52	51	+ 1	SSW	2	f	0	54	48	−	*	−
	Fanö	30·10	51	SE	2	f	30·02	−·14	51	51	− 2	ESE	3	m	*	59	48	−	*	−
	Cuxhaven ...	30·08	59	E	1	c	30·00	−·15	53	52	− 3	S	2	c	*	61	52	−	*	−
	The Helder ...	29·96	61	SE	1	c	29·94	−·20	61	60	+ 10	SW	1	c	0	61	51	−	*	0·04
	Brussels	*	*	*	*	*	30·00	−·09	61	60	+ 2	WSW	1	o	*	74	58	−	*	0·12
	Berlin	30·14	54	N	0	b	30·13	−·03	52	52	0	S	2	f	*	59	50	−	*	−
	Frankfürt ...	30·08	58	E	1	bc	30·09	−·10	55	53	+ 4	SE	3	o	*	72	51	−	*	−
	Munich	30·17	53	N	0	b	30·16	−·08	49	48	− 3	SSW	2	b	*	64	45	−	*	−
France.	C. Gris Nez ...	29·92	60	SSW	2	o	?		57	57	− 2	?	3	o	1	70	55	−	*	0·16
	Brest	29·91	60	SSW	3	o	29·83	−·11	60	59	0	SSE	4	c	4	63	57	−	*	−
	Lorient	29·96	62	SW	3	bc	29·90	−·07	61	61	+ 1	SSW	3	bc	4	68	59	−	*	−
	Rochefort ...	29·98	64	SE	1	c	29·94	−·07	61	60	− 1	ESE	3	bc	*	73	59	0	*	−
	Biarritz	29·97	71	NW	3	b	29·95		63	62		E	3	b	3	71	?61	tr	*	−
	Paris	30·02	64	SW	2	o	30·02	−·08	56	56	+ 1	S	1	o	*	75	55	−	*	−
	Belfort	30·02	66	WSW	2	c	30·06	−·10	56	55	+ 5	N	0	m	*	73	51	−	*	−
	Lyons	?30·05	65	SSW	2	b	30·09	−·09	59	55	+ 1	S	1	c	*	75	57	−	*	−
	Nice	30·13	62	SW	1	b	30·08	−·13	62	57	+ 2	N	0	bc	2	73	55	−	*	−
	Perpignan ...	30·03	66	E	2	o	30·02	−·13	61	61	+ 2	N	0	o	*	74	59	−	*	−
Span. Pen.	Corunna																		*	
	Lisbon	30·08	64	WSW	3	c	30·02	−·11	66	64	+ 4	SSW	4	o	*	70	62	−	*	−
	Azores (P. Delgada)																		*	
	,, (Horta) ...	29·44	66	NE	2	c	29·98	−·01	62	55	− 8	N	2	bc	2	72	61	−	*	0·12

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

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

WEATHER CHARTS

FOR MONDAY, 28TH SEPTEMBER, 1903.

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

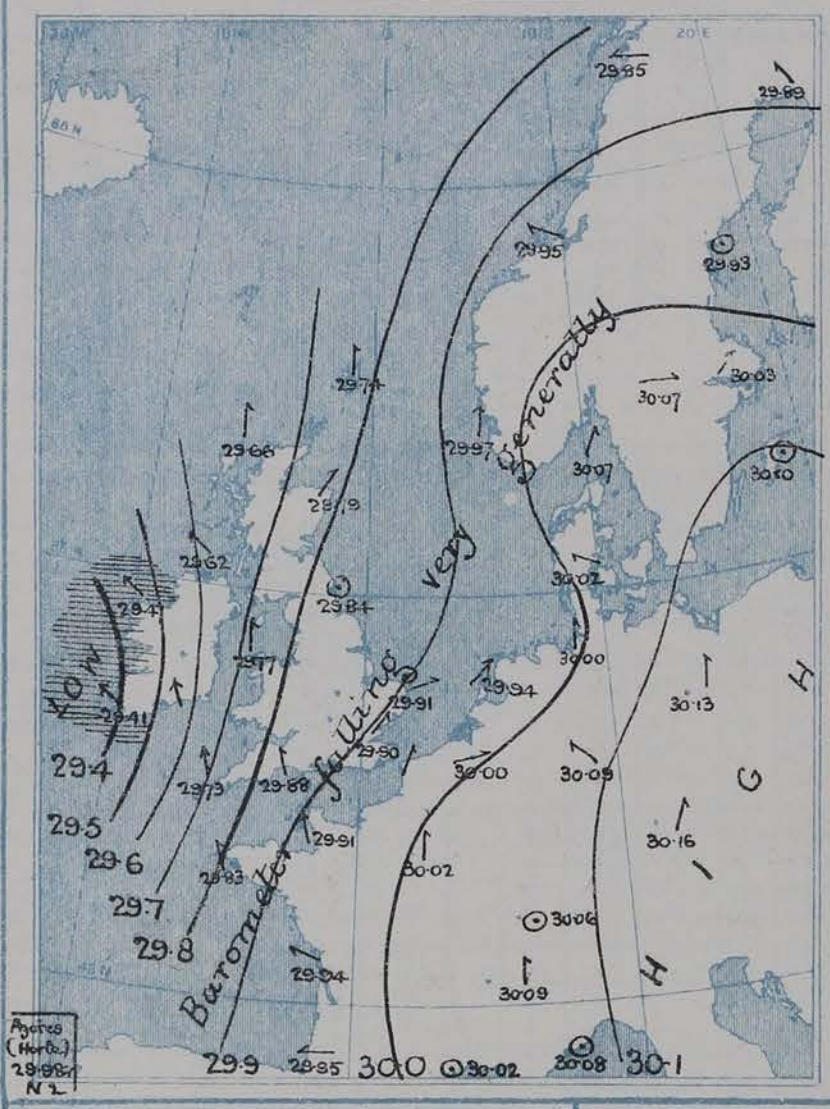
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟶ : *Force 5 to 7* ⟶ : } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶ }

SEA.—Rough ▒ *High* ▓

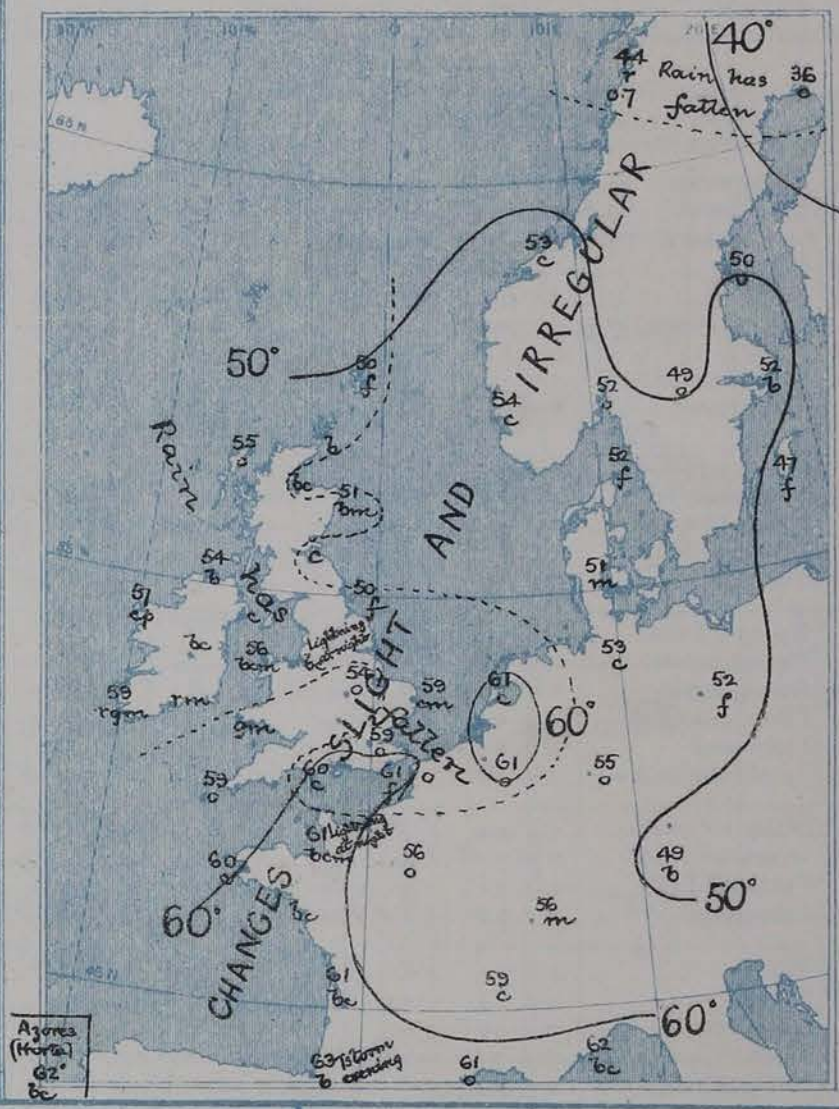


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

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

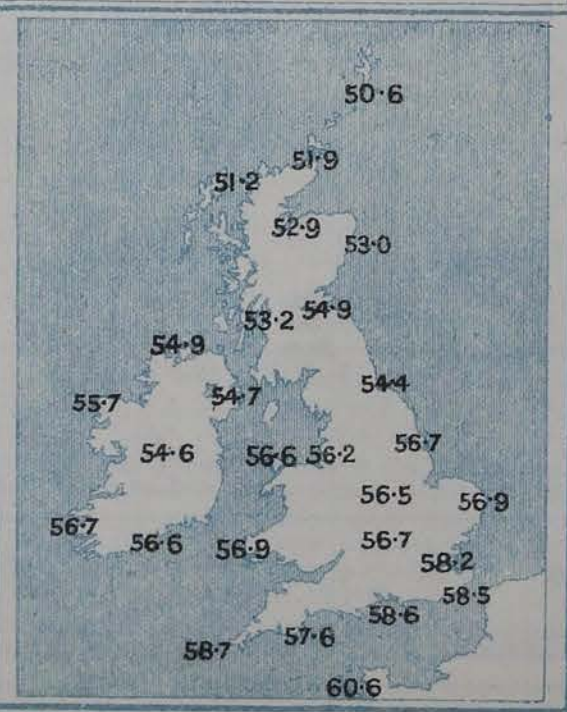
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6



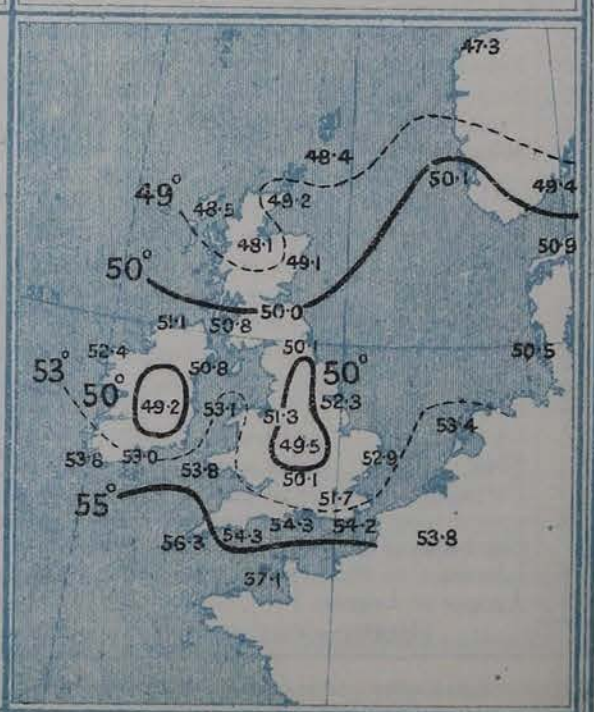
III BAROMETER AND WIND

Yesterday morning.

IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *Combined for the month of* SEPTEMBER (1871–1900).



V. *Means of* DAILY TEMPERATUI *at 8 A.M. for the Two-monthly period* SEPTEMBER-OCTOBER (1871–1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone recently noticed over northern Europe has continued to move southwards, the highest pressures, 30·2 ins. and upwards, being now reported over south Germany and the southeast of France. A depression in which readings are below 29·6 ins. has appeared off the west of Ireland and is spreading eastwards, so that the barometer is falling over western Europe generally. Gradients are moderate over our Islands but slight elsewhere.

WIND

S^{ly} or SE.^{ly} winds are again reported over the whole of our Islands and the neighbouring parts of the continent, and although light or moderate in force generally they blow with the strength of a slight gale in the northwest of Ireland. In Sweden, Denmark and north Germany the wind is either calm or light from the NW^{wd}

TEMPERATURE

Temperature has risen over England and France but has changed rather irregularly elsewhere. The highest reading reported this morning is 63° at Bath, but at the Channel stations & on the west coasts of France and the Spanish Peninsula the thermometer ranges between 60° and 62°. Over Scotland and central Ireland and also over Norway, Denmark and Germany, the readings are below 55° while at some of the Swedish stations they are considerably lower, the thermometer at Haparanda standing at 38°.

WEATHER AND SEA

The weather is cloudy or dull over western Europe as a whole with showers at some of the English and Irish stations; fog still prevails on the N and E coasts of Scotland as well as in many parts of Denmark, Germany, & the south of Scandinavia. The sea is rather rough on our extreme W & SW coasts, but slight to smooth elsewhere.

During yesterday the thermometer rose to 65° and upwards in many parts of England & at Leith & to 71° at Jersey; on the N coasts of Scotland it did not reach 55°. In France the thermometer exceeded 70°, & at Rochefort it rose to 81°. The amount of bright sunshine was larger than of late, - more than 8 hrs on several parts of the English and Welsh coasts and as much as 10 hrs at Llandudno. Rain has fallen at most of our W, S & extreme N stations & thunderstorms have occurred during the night at Pembroke & Portland Bill.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 28th September, 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	None issued.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	At 3.20 pm. yesterday to districts 8 and 10, and at 7.15 pm. to districts 7 & 9, "Horst South Cone."

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	3c	*	62	52	c, 3	4·5	—
Bath	30·09	56	E	1	3	29·93	- ·31	63	60	+10	NE	1	3	*	68	?53	—	5·5	0·03

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	66	45	3, c, 3	7·8	—	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*		*	Margate	65	49	3m	5·0	—
Llandudno	*	*	*	10·0	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	66	55	c, r	8·0	0·05	Skegness	*	*	*	8·7	*
Plymouth, to 9 p.m.... ...	67	54	3c, 2	8·2	—	Scarborough, to 6 p.m. ...					
Worthing	*	*	*	9·6	*	Harrogate, to 6 p.m. ...	69	48	o, c, 3	9·4	—
Brighton	*	*	*		*	Manchester, to 9 p.m. ...	69	49	m, 3c, 3	3·5	—
Eastbourne, to 6 p.m. ...	*	*	*		*	Darwen, to 9 p.m.	64	48	3mw	2·2	—
Hastings	*	*	*	8·0	*	Birmingham, to 9 p.m. ...	61	48	3, c, o	5·5	—

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

STATIONS. 26th Sept. 1903.	Temperature. F. Max.	Temperature. F. Min.	Weather.	Rain. Ins.	STATIONS. 25th Sept. 1903.	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. Ins. Measured 7 a.m.
Marseilles	75	54	c, 3	—	Geneva	70	*	o	—
Utrecht...	68	54	o, m	—	Berne	66	*	o	—
Copenhagen	59	50	3, m	—	Lucerne	63	*	o	—
Prague	70	43	3, c	—	Coire	70	*	c	—
Vienna	66	42	3, 3	—	Castasegna	63	*	3	—
Buda-Pesth	66	43	3, 3	—	Lugano	68	*	3	—
St. Petersburg	59	46	3, o	—					
Rome	77	64	c, o	—					
Malta	75	69	?, o	—					
Madeira (Funchal)	73	55	3, o	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

27th Sept. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5. 48	11. 44	5. 40
Greenwich	5. 55	11. 51	5. 47
Wick	6. 9	12. 3	5. 57
Valencia	6. 36	12. 32	6. 28

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 29th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
Scandinavia.	Haparanda ...	29.98	36	NE	2	o	30.07	+.18	32	32	- 4	N	o	8	*	41	32	-	*	0.04
	Hernösand ...	29.92	49	N	o	8	29.98	+.05	50	47	o	N	o	o	*	?	41	-	*	-
	Stockholm ...	30.01	50	WSW	2	8	30.00	-.03	51	49	- 1	WSW	2	o	*	61	46	-	*	-
	Wisby	30.06	49	S	2	c	30.04	-.06	49	48	+ 2	N	o	f	*	52	41	-	*	-
	Karlstad	30.05	52	WNW	4	o	30.00	-.07	52	51	+ 3	W	2	o	*	*	*	o,r	*	0.04
	Færder (X'iania Fjord)	30.01	54	SSW	2	o	29.99	-.06	55	54	+ 3	WSW	4	m	2	55	52	-	*	-
	Bodö	29.89	45	ENE	2	o	29.87	+.02	44	41	o	ENE	4	r	2	48	41	-	*	0.08
	Christiansund ...	29.90	55	ESE	2	o	29.97	+.02	53	52	o	N	2	r	2	57	52	-	*	0.04
	Skudesnaes ...	29.95	55	N	o	o	29.97	.00	56	55	+ 2	S	4	o	3	56	54	r,o	*	*
British Islands.	Sumburgh Head	29.76	50	E	1	c	29.75	+.01	51	51	+ 1	ESE	4	f	4	53	49	f,c	*	0.01
	Stornoway ...	29.61	58	SSE	3	o	29.46	-.20	59	56	+ 4	SE	4	o	5	65	54	8c,o	8.0	0.05
	Malin Head ...	?29.48	59	SE	7	c	29.42	-.20	55	53	+ 1	S	4	8	3	63	53	o,c	*	-
	Blacksod Pt. ...	29.28	60	SE	7	omp	29.31	-.16	58	53	+ 1	S	7	8og	6	61	56	c,omp	*	0.33
	Valencia	29.19	60	SE	7	ggp	29.27	-.14	56	53	- 3	ESE	7	rgu	6	61	53	ogp,rg	0.0	0.51
	Roche's Point ...	29.38	59	S	8	om	29.45	-.12	58	55	- 1	S	5	8	5	59	55	r,om	*	0.26
	Parsonstown ...	29.42	59	S	3	r	29.45	-.13	54	52	- 4	ESE	2	8	*	63	51	r	0.3	0.08
	Donaghadee ...	29.62	58	S	4	og	?29.55	-.19	56	55	o	SSW	2	8	1	59	55	og	*	0.10
	Liverpool Obsy.	29.72	61	SE	3	c	29.65	-.17	58	57	+ 6	S	2	rm	2	64	52	-	*	0.12
	Holyhead ...	29.66	60	SSE	3	cmp	29.60	-.17	57	56	+ 1	SW	3	cmp	2	65	54	cmp	*	0.05
	Pembroke (St. Ann's)	29.62	60	SSE	6	o	29.61	-.12	58	56	- 1	S	5	8c	6	62	57	ogr	1.0	0.20
	Scilly (St. Mary's)...	29.54	60	SSE	7	omp	29.58	-.15	58	56	- 1	S	4	c	5	63	56	r,omp	0.0	0.16
	Jersey (St. Aubins)...	29.78	63	ESE	4	ogm	29.75	-.16	62	61	+ 1	SE	4	orm	3	66	60	8c,ogmp	5.3	0.07
	Portland Bill ...	29.76	60	SE	4	cp	29.73	-.15	58	58	- 2	WSW	2	r	2	64	57	cp	*	0.44
	Dungeness ...	29.84	61	SSW	3	8c	29.81	-.13	62	61	+ 1	S	3	o	3	64	59	cm,8c,p	2.8	0.10
	Wick	29.70	55	S	4	8c	29.64	-.09	53	52	- 1	S	6	r	4	61	51	-	*	0.05
	Nairn	29.67	55	SW	1	8c	29.54	-.19	60	57	+ 7	E	1	c	1	65	49	-	*	-
	Aberdeen ...	29.78	53	SSE	2	8	29.66	-.18	54	54	+ 3	SSE	4	om	3	60	50	8,o	8.4	0.02
	Leith	29.70	60	SE	1	f	29.56	-.23	63	59	+ 8	SSE	3	c	*	69	54	-	*	-
	North Shields ...	29.74	60	S	3	cm	29.67	-.17	58	57	+ 8	SE	2	omw	2	61	49	8m,cmp	*	0.01
	Spurn Head ...	29.83	60	SE	4	8c	29.74	-.11	59	57	+ 3	SE	4	8c	4	64	54	-	*	0.03
	Yarmouth ...	29.88	61	SSE	3	c	29.79	-.12	61	59	+ 2	S	3	c	3	63	55	c,f	*	-
	Nottingham ...	29.81	60	SE	1	8	29.70	-.17	63	61	+ 9	SSE	1	o	*	67	54	-	4.6	0.13
	Oxford	29.80	60	SSE	2	o	29.73	-.16	63	61	+ 4	S	3	o	*	67	59	op	*	0.06
	London (Brixton)...	29.85	62	SSW	1	8c	29.76	-.14	65	63	+ 6	S	2	o	*	69	59	8c,org	4.2	0.08
Germany, &c.	The Scaw (Skagen)	30.04	54	S	3	m	30.01	-.06	56	55	+ 4	SSE	1	m	o	56	50	-	*	-
	Fanö	30.00	57	N	o	o	30.02	.00	55	55	+ 4	N	o	f	*	59	51	-	*	-
	Cuxhaven ...	30.01	60	SW	1	o	30.01	+.01	55	55	+ 2	S	1	f	*	61	53	o,f	*	-
	The Helder ...	29.95	59	SSE	1	8	29.89	-.05	60	60	- 1	SSE	1	8	o	66	57	-	*	-
	Brussels	*	*	*	*	*	29.92	-.08	61	59	o	SSE	4	o	*	71	58	-	*	-
	Berlin	30.08	58	SE	2	8	30.04	-.09	51	50	- 1	SE	2	8	*	64	48	-	*	-
	Frankfürt ...	30.05	59	W	1	8	30.08	-.01	53	53	- 2	SE	2	8	*	73	52	-	*	-
	Munich	30.13	54	SE	2	8	30.16	.00	48	48	- 1	SE	2	8	*	66	46	-	*	-
France.	C. Gris Nez ...	29.89	63	SSE	2	8	?29.78	?	61	60	+ 4	SE	3	8c	2	66	57	-	*	-
	Brest	29.68	62	SSE	4	o	29.71	-.12	59	57	- 1	S	4	o	5	63	57	-	*	0.32
	Lorient	29.74	63	S	4	f	29.76	-.14	60	59	- 1	SW	3	o	5	66	57	-	*	0.12
	Rochefort ...	29.82	71	SW	3	o	29.82	-.12	66	62	+ 5	SSE	4	o	*	77	61	o	*	-
	Biarritz	29.87	76	N	o	8	29.87	-.08	72	63	+ 9	S	3	8		84	63	-	*	-
	Paris	29.94	66	SE	2	8	29.91	-.11	62	59	+ 6	S	2	o	*	73	56	-	*	-
	Belfort	29.98	66	N	o	8	30.04	-.02	55	55	- 1	ENE	2	f	*	75	51	-	*	-
	Lyons	30.01	66	SSW	1	8	30.09	.00	65	59	+ 6	SSW	2	8c	*	77	59	-	*	-
	Nice	30.08	64	SW	2	8c	30.12	+.04	61	57	- 1	ENE	1	8	2	75	56	-	*	-
	Perpignan ...	29.77	66	SE	3	8	29.99	-.03	64	64	+ 3	N	o	8c	*	75	61	-	*	-
Span. Pen.	Corunna																		*	
	Lisbon	29.98	67	SSW	5	o	29.92	-.10	67	66	+ 1	SSW	5	o	*	68	66	-	*	-
	Azores (P. Delgada)																		*	
	,, (Horta) ...	30.06	62	NW	3	o	30.05	+.07	61	54	- 1	NW	1	c	1	66	59	-	*	-

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.* Erratum:- The 6pm Bar. reading at Horta in yesterday's Report should read 29.94

WEATHER CHARTS

FOR TUESDAY, 29TH SEPTEMBER, 1903.

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

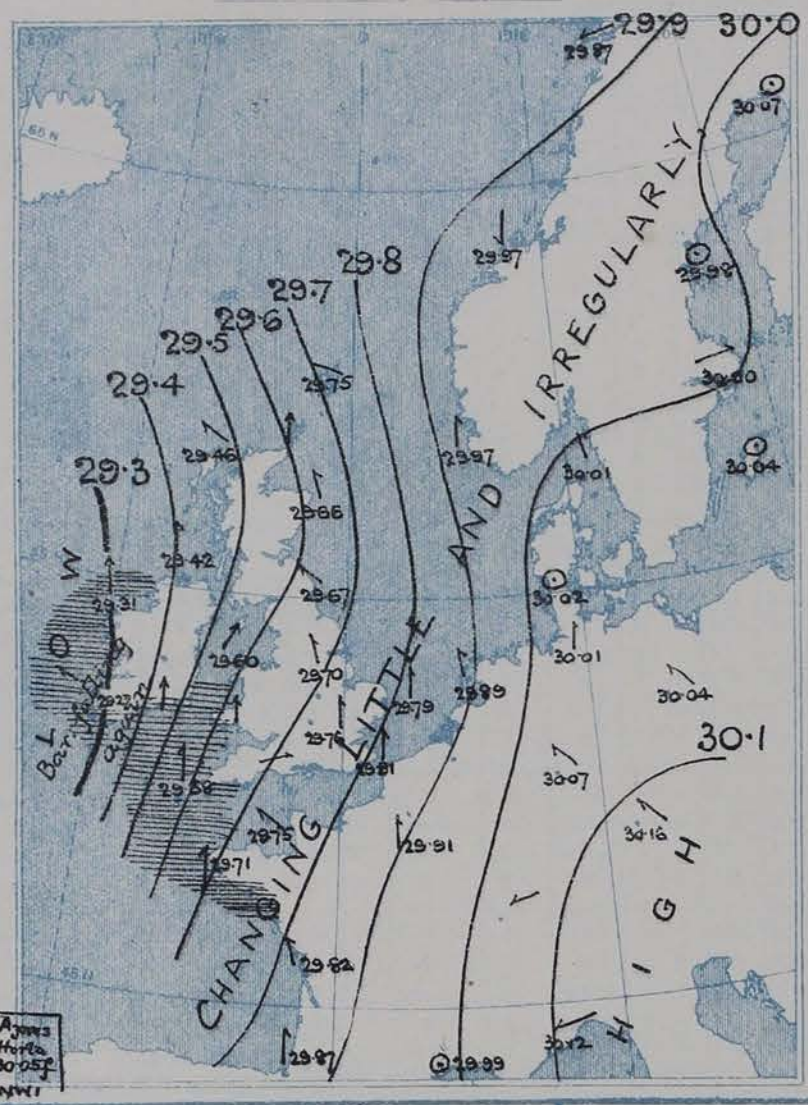
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ⟶ *Force 5 to 7* ⟶ } Calm ⊙

Force 8 to 10 ⟶ *Force 1 to 4* ⟶

SEA.—Rough *High*

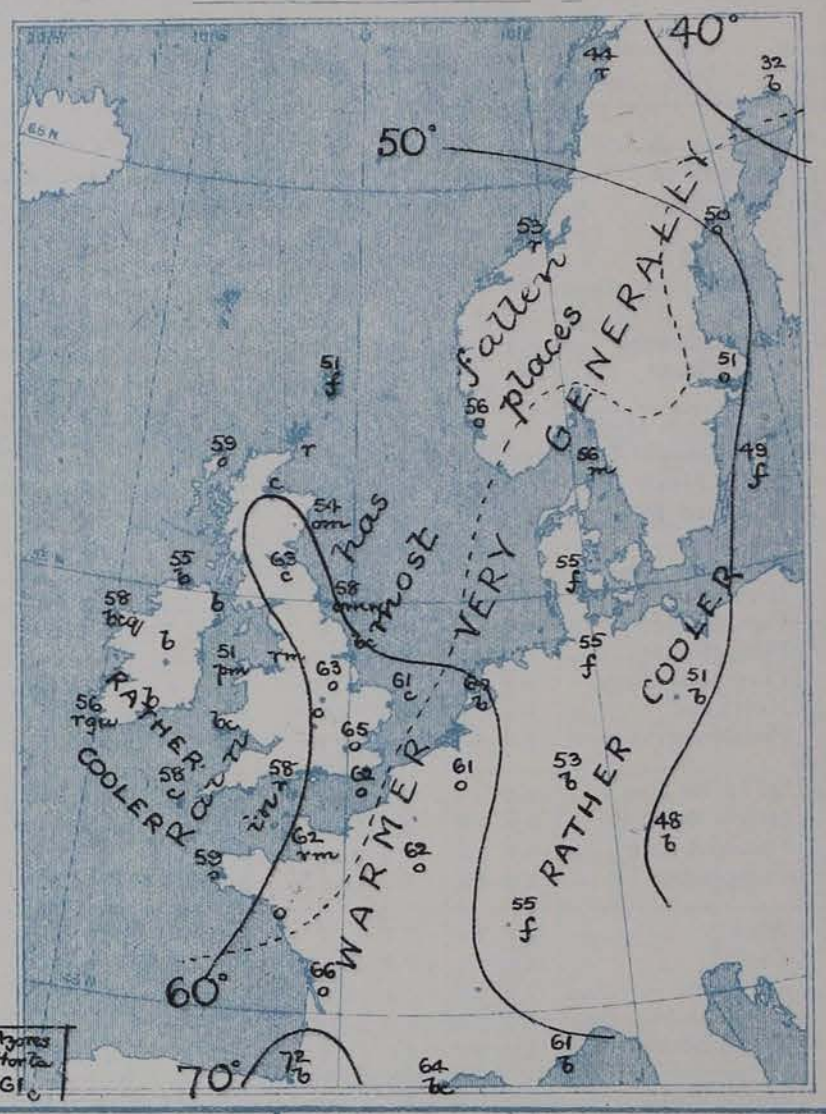


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

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

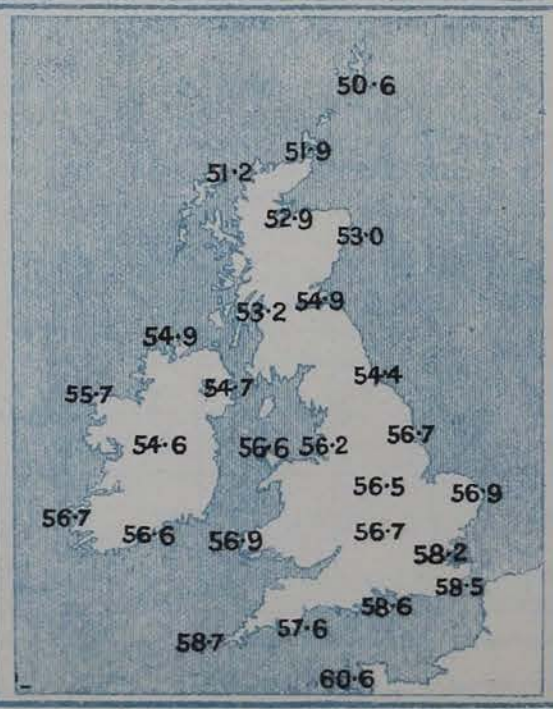
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—·06



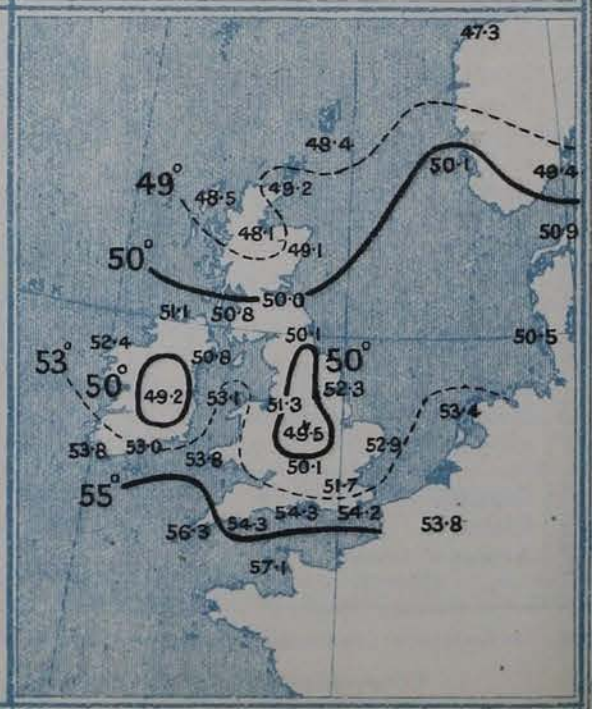
III BAROMETER AND WIND

Yesterday morning

IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *Combined for the month of* SEPTEMBER (1871-1900).



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two-monthly period* SEPTEMBER-OCTOBER (1871-1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometer pressure continues highest, 30·1 ins. and upwards, in an anticyclone over Central Europe and lowest off our west coasts. Another large and apparently rather deep depression is advancing towards these Islands from the Atlantic and the barometer has already fallen to 29·41 ins. at Valencia and to 29·47 ins. at Blackrod Point. The mercury is falling in all parts of our area; in most places the movement is slight, but in the west of Ireland it is brisk, and gradients are increasing.

WIND

The wind is light or moderate in force over the greater part of our area, and from some point between SW. and SE., but in the west of Ireland it has increased to a strong breeze or moderate gale, and in the southwest of England to a fresh breeze.

TEMPERATURE

Temperature has changed little and irregularly and is still above the normal over the United Kingdom, especially in the south and southwest. It ranges from 61° at Dungeness and Jersey and very little lower at most of our southern and southwestern stations to 55° at Leith and Stornoway, and to 50° at North Shields and Lerwick Head. Over the western half of the Continent the readings vary from between 60° and 63° in the west and south of France and 61° in the Netherlands to 49° at Munich, 47° at Mislay and 36° at Haparanda.

WEATHER AND SEA

The sky is partially or wholly clear at some French and Scotch stations, but over our area generally much cloud prevails, with mist in several places, fog at Dungeness, Lerwick Head, Mislay and Berlin, and rain at Bodö and in the west and south of Ireland. The sea is rather rough off the west of Ireland, moderate to smooth elsewhere.

During yesterday the thermometer rose to 65° or above in many parts of our Islands and to 69° at Jersey, and the minimum readings during the night were very high for the time of year. Rain has been experienced in most parts of the United Kingdom, the Netherlands, and at a few Scandinavian stations. The falls were not heavy as a rule, but at Valencia and Christiansund they were 0·34 in. and 0·71 in. respectively. A thunderstorm occurred at Biarritz and lightning at Jersey and Liverpool. Bright sunshine was little prevalent.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A large and rather deep depression is approaching Ireland from the Atlantic and appears likely to travel in a NE^{ly}. direction and to cause strong winds or gales in the west generally and some increase in the force of the S^{ly}. winds in the east and southeast. Rain is probable in all districts.

FORECASTS*

For the 24 hours ending at NOON on 29th SEPT^{r}., 1903

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Increasing winds from between South and Southwest. Mild, close. Mostly fair at first, then becoming rainy and gusty.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	SE^{ly} to SW^{ly} winds, increasing greatly; dull, rainy, squally. Mild.
7	ENGLAND N.W.	SE^{ly} to S^{ly} and SW^{ly} winds, strong, a gale in places; dull, rainy, squally. Mild.
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	GENERAL:- Thunderstorms are not improbable in different parts of the Kingdom. The South Cone is still flying in Districts 7-10.

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^{n}	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^{n}	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	c	*	62	52	o, r, f	2·2	0·10
Bath	29·87	58	E	2	8c	29·86	−·07	60	58	−3	E	2	8	*	66	54	−	4·2	−

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	64	51	cp, 8w	2·0	0·16	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*	2·0	*	Margate	*	*	*	2·0	*
Llandudno	*	*	*	3·1	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	63	54	oc	5·0	−	Skegness	*	*	*		*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...		*	*	0·3	*
Worthing	*	*	*	2·5	*	Harrogate, to 6 p.m. ...	61	49	8m, oc	0·0	−
Brighton	65	*	*	2·0	*	Manchester, to 9 p.m. ...	66	54	p, 8c, m	0·1	0·02
Eastbourne, to 6 p.m. ...	63	*	*	0·3	*	Darwen, to 7 p.m.	60	51	omp	0·0	0·07
Hastings	*	*	*	0·2	*	Birmingham, to 9 p.m. ...	66	52	o, c, o	1·7	−

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

STATIONS. 27th Sept 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. — Ins.	STATIONS.	Temperature, F. Dry	Temperature, F. Wet.	Weather.	Rain. — Ins.
Obsns. not received.					26th Sept 1903	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles					Geneva	66	*	8	−
Utrecht...					Berne	68	*	8c	−
Copenhagen					Lucerne	72	*	8	−
Prague					Coire	68	*	8	−
Vienna					Castasegna Not rec^{d} ...		*		−
Buda-Pesth					Lugano	70	*	8	−
St. Petersburg									
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)	10.55p.m.

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

28th Sept 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.49	11.44	5.38
Greenwich	5.56	11.51	5.45
Wick	6.11	12.3	5.54
Valencia	6.37	12.32	6.26

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the Inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 30th September, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L. Ins.	Dry Bulb. °	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Direc.	Force (0 to 12.)			Max. °	Min. °		Hours.	Ins.
Scandinavia.	Haparanda ...	30·01	36	N	0	8	30·13	+·06	34	33	+ 2	N	2	0	*	39	27	–	*	–
	Hernösand ...	29·96	51	N	0	0	30·01	+·03	48	47	– 2	N	0	0	*	54	46	–	*	–
	Stockholm ...	30·02	53	N	0	0	30·06	+·06	50	48	– 1	W	2	8	*	55	46	–	*	–
	Wisby	30·06	50	N	0	c	30·08	+·04	53	50	+ 4	N	0	0	*	53	45	–	*	–
	Karlstad	30·05	52	N	0	c	30·10	+·10	47	46	– 5	WSW	2	of	*	*	*	–		–
	Færder (X'iania Fjord)	30·04	55	WSW	2	m	30·07	+·08	55	55	0	WSW	1	m	1	55	54	–		–
	Bodö	29·98	43	NE	4	8	30·06	+·19	40	35	– 4	NE	2	8c	1	46	37	–	*	–
	Christiansund ...	30·02	54	NE	2	0	29·88	–·09	53	50	0	E	1	c	1	55	52	–	*	–
	Skudesnaes ...	30·00	57	S	4	8	29·87	–·10	58	56	+ 2	SE	6	r	4	58	52	c, 8	*	*
British Islands.	Sumburgh Head	29·70	53	ESE	4	fp	29·63	–·12	52	51	+ 1	S	1	8	4	53	50	fp	*	0·77
	Stornoway ...	29·53	60	WSW	4	0	29·55	+·09	55	53	– 4	SW	1	c	1	62	52	0	8·2	0·04
	Malin Head ...	29·43	58	S	6	c	29·53	+·11	53	52	– 2	S	4	8c	2	63	52	8, c	*	–
	Blacksod Pt. ...	29·37	58	SSW	6	c	29·43	+·12	57	52	– 1	S	7	8c g	5	58	52	8c, c	*	0·08
	Valencia	29·43	56	SSE	4	cp	29·50	+·23	56	53	0	SSE	5	0 g	5	61	53	cp	8·6	0·21
	Roche's Point ...	29·51	58	S	4	8p	29·63	+·18	58	55	0	S	5	8	4	60	55	c, 8p	*	0·02
	Parsonstown ...	29·47	57	SE	2	8c	29·58	+·13	54	52	0	ESE	2	8	*	63	50	8c p g	4·9	0·06
	Donaghadee ...	29·60	58	S	3	0	29·62	+·07	55	55	– 1	SW	2	c	2	61	53	–	*	–
	Liverpool Obsy.	29·68	58	SSE	2	0	29·77	+·12	55	53	– 3	SSE	3	8	1	63	51	0, p	*	0·03
	Holyhead ...	29·64	59	S	3	cm	29·70	+·10	58	55	+ 1	SW	5	8c	4	61	54	0 m, 0m	*	0·25
	Pembroke (St. Ann's)	29·61	59	SSW	6	0	29·74	+·13	58	57	0	SSW	6	8c g	5	60	55	0 g p	1·6	0·13
	Scilly (St. Mary's)...	29·61	62	S	5	0p	29·77	+·19	57	55	– 1	SSW	5	c	4	63	55	0p	4·2	0·03
	Jersey (St. Aubins)...	29·80	63	SSE	2	g p m	29·94	+·19	60	58	– 2	SSW	4	8c m	3	64	58	0 r m, 0 g p	0·0	0·49
	Portland Bill ...	29·79	58	SSW	1	p	29·90	+·17	59	58	+ 1	SSW	3	8c	3	59	55	cp	*	0·36
	Dungeness ...	29·80	64	S	2	c	29·97	+·16	61	59	– 1	SW	2	c p ?	1	66	57	c	1·3	0·19
	Wick	29·62	54	SE	5	f	29·61	–·03	54	53	+ 1	S	4	8c	3	63	52	–	*	0·13
	Nairn	29·59	58	N	0	8c	29·60	+·06	58	54	– 2	SSE	2	c	1	65	53	–	*	0·01
	Aberdeen ...	29·67	55	S	2	r m	29·70	+·04	54	53	0	S	3	8 m	3	55	52	r, f, or	0·0	0·18
	Leith	29·65	59	N	0	c	29·68	+·12	56	53	– 7	S	1	8c	*	63	53	–	*	0·02
	North Shields ...	29·68	59	ESE	1	r	29·77	+·10	53	52	– 5	SW	3	8 m	2	64	50	p, 0, r	*	0·32
Germany, &c.	Spurn Head ...	29·71	60	SSE	4	c	29·87	+·13	56	55	– 3	SSE	3	8	2	63	51	–	*	0·15
	Yarmouth ...	29·80	62	SSE	4	c	29·91	+·12	59	56	– 2	SSW	3	c	3	64	53	8c, c	*	–
	Nottingham ...	29·72	58	SW	1	r	29·84	+·14	55	54	– 8	SSW	2	8	*	66	49	–	0·0	0·35
	Oxford	29·80	58	S	2	r	29·91	+·18	57	56	– 6	SSE	3	8	*	65	53	or	*	0·28
	London (Brixton)...	29·76	64	N	0	r	29·92	+·16	60	58	– 5	SW	2	8	*	69	56	op, or	0·1	0·34
	The Scaw (Skagen)	30·07	57	N	0	m	30·08	+·07	57	56	+ 1	S	3	0	1	57	55	–	*	–
	Fanö	30·04	56	ESE	4	8	30·01	–·01	56	55	+ 1	ESE	3	0	*	64	54	–	*	–
	Cuxhaven ...	29·99	63	ESE	1	8	30·02	+·01	56	55	+ 1	SSE	2	8 m	*	66	55	–	*	–
	The Helder ...	29·88	65	SSE	1	8	29·94	+·05	62	62	+ 2	SW	1	c	0	73	60	–	*	0·12
	Brussels	*	*	*	*	*	30·00	+·08	65	62	+ 4	SSE	1	0	*	75	61	–	*	*
	Berlin	30·04	63	N	0	8	30·11	+·07	54	54	+ 3	SSW	1	8	*	70	51	–	*	–
	Frankfürt ...	30·03	61	S	1	8	30·12	+·04	60	58	+ 7	SW	2	c	*	75	53	–	*	–
	Munich	30·15	55	E	2	8	30·23	+·07	49	49	+ 1	SE	2	8	*	66	43	–	*	–
France.	C. Gris Nez ...	29·75	68	ESE	3	8c	29·95	+·17	60	59	– 1	S	3	0	3	70	59	–	*	0·04
	Brest	29·75	59	SSE	4	0	29·89	+·18	59	57	0	S	4	8	5	61	57	–	*	0·08
	Lorient	29·80	60	S	4	r	29·96	+·20	61	59	+ 1	SW	4	c	5	64	57	–	*	0·32
	Rochefort ...	29·84	64	NW	2	0	30·01	+·19	63	62	– 3	SE	3	0	*	77	59	c, 0	*	0·28
	Biarritz	29·86	77	S	3	c	30·04	+·17	66	64	– 6	E	1	0	3	79	64	–	*	–
	Paris	29·91	68	SSW	3	c	30·02	+·11	62	59	0	SSW	2	0	*	74	61	–	*	–
	Belfort	29·99	68	W	2	8c	30·11	+·07	56	54	+ 1	WSW	2	m	*	77	52	–	*	–
	Lyons	30·06	69	S	2	8	30·14	+·05	64	58	– 1	SSW	1	c	*	78	62	–	*	–
	Nice	30·13	63	E	2	c	30·17	+·05	62	57	+ 1	N	0	c	2	73	57	–	*	–
	Perpignan ...	29·97	66	NE	1	c	30·05	+·06	63	63	– 1	N	0	0	*	76	61	–	*	–
Span. Pen.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)	30·06	65	WNW	4	0	30·06	+·04	66	61	+ 4	NW	3	c	3	68	61	–	*	–
	,, (Horta) ...	30·08	65	N	0	0	30·08	+·03	64	61	+ 3	N	0	8c	1	66	61	–	*	–

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

* *Observations for this column not generally received.*

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

WEATHER CHARTS

FOR WEDNESDAY, 30TH SEPTR, 1903.

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

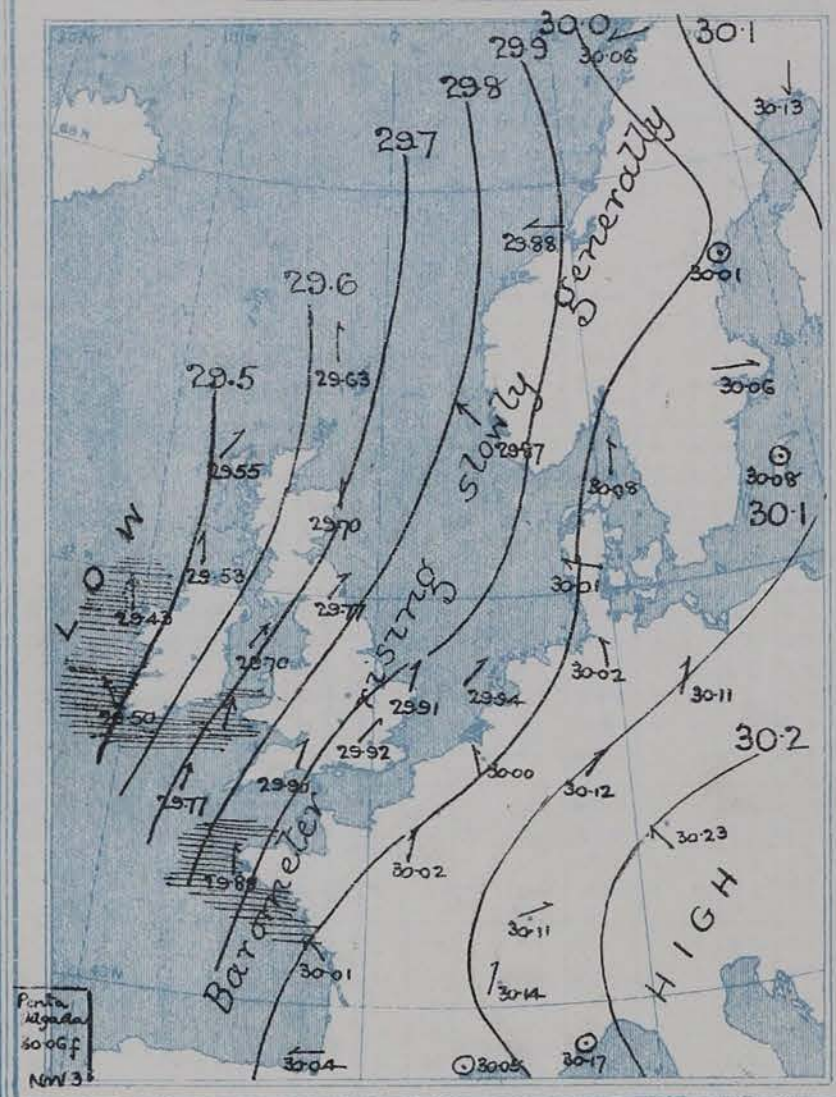
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

Force above 10 ➤➤ : *Force 6 to 7* ⟶ } Calm ⊙

Force 8 to 10 ➤ ⟶ : *Force 1 to 4* ⟶ }

SEA.—Rough ▬ *High* ▬

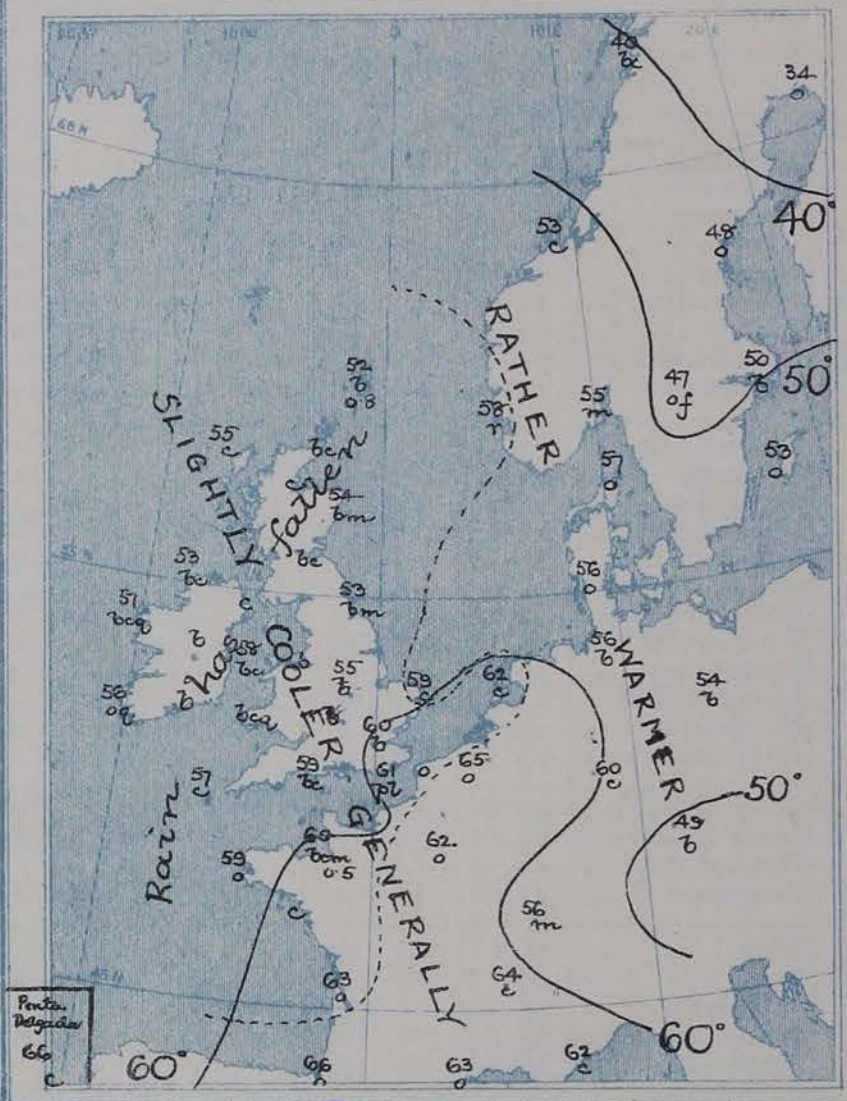


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

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

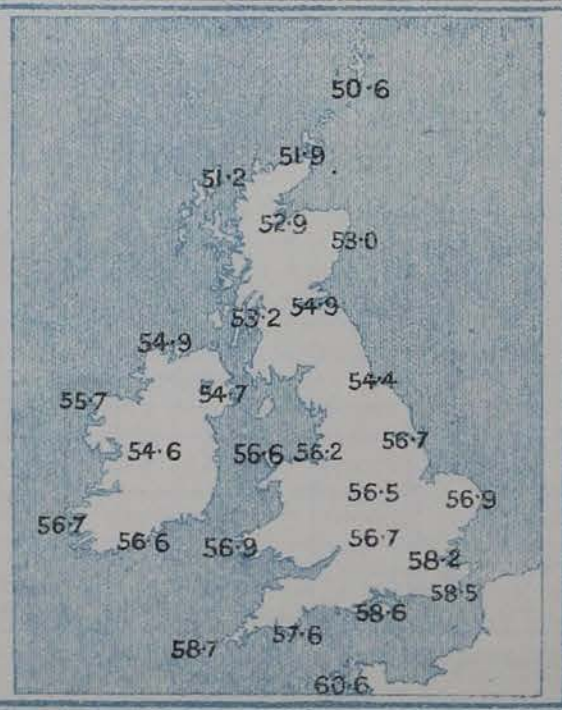
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—·06



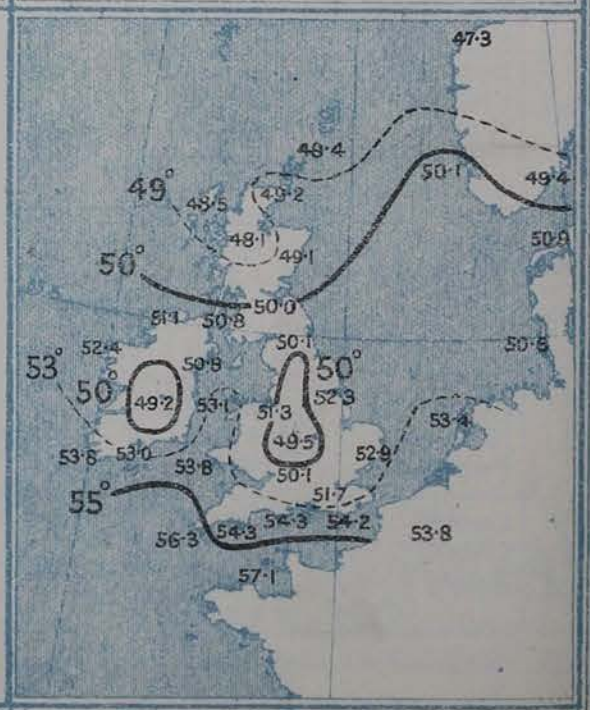
III BAROMETER AND WIND

Yesterday morning.

IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *Combined for the month of* SEPTEMBER (1871–1900).



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two-monthly period* SEPTEMBER-OCTOBER (1871–1900).



GENERAL SITUATION AT 8 A.M.

PRESSURE

The general distribution of pressure has changed very little during the past 24 hours, the highest values, above 30·1 ins., being found in an anticyclone over central Europe and the lowest, 29·3 ins. and less, in depressions moving northwards outside our most western coasts. Gradients – for S^ly winds – are rather steeper than they were yesterday, and a fresh fall of the barometer which has commenced at Valencia will probably cause them to increase still further.

WIND TEMPERATURE WEATHER AND SEA

The wind continues S^ly (SE to SW) throughout our Islands and western Europe generally; it has little force as a whole, but blows a strong breeze or moderate gale at several of our western stations and in the extreme northeast of Scotland. In the far north there is a feeble cyclonic circulation around a slight baric minimum over central Scandinavia. Temperature has risen except over our most western districts and Germany. It is now unusually high for the season over Great Britain. At Nairn the thermometer stands at 60°, and at Leith and Nottingham 63°, while in London it is as high as 65°: all these values are 12° or 13° above the normal. The lowest figures in our Islands are 54° at Parsonstown and Aberdeen and 51° in the Shetlands. The Continental readings range from 72° at Biarritz and 62° at Paris to 48° at Munich, 44° at Bodö, and to 32° at Haparanda. The weather is fine and bright in several parts of Germany and the south of France, and temporarily so on various parts of our western coasts; over our area as a whole it is very cloudy or dull, with rain in many English localities, at Wick, and on the west coast of Norway. The sea is rough or rather so in the west and southwest.

The maximum temperatures recorded over our Islands yesterday and the minimum readings during the night were high. The former were above 65° in many places and as high as 69° at Leith and in London, while the latter were mostly much above 50°, and in London, and at Bath and Oxford as high as 59°. Rain has fallen in all districts; at Valencia and Bath there has been more than 0·5 in. Bright sunshine has been more prevalent in the north and northeast than elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fresh baric fall and the backing wind at Valencia indicate the approach of another disturbance which is likely to move N^ly or NNE^wds, and to produce rain and strong SE^ly to S^ly or SW^ly winds or gales over all the more western and southwestern districts, and a considerable increase in the force of the wind, and unsettled weather elsewhere.

FORECASTS*

For the 24 hours ending at NOON on 30^th Sept^r., 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE^ly or S^ly to SW^ly winds, strong in places; mild, rainy, close.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Wind chiefly S^ly, increasing in force; very unsettled, close and mild. Rain at times, some fair intervals.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	SE^ly or S^ly to SW^ly strong winds or gales; squally, rain at times. Close.
7 ENGLAND N.W.	
8 ENGLAND S.W.	
9 IRELAND NORTH	
10 IRELAND SOUTH	

WARNINGS

GENERAL:- Thunderstorms are still probable locally.

At 3·40 pm. yesterday to Dists. 8 and 10, and at 7·20 pm. to Dists. 7 and 9, "KEEP UP CONE", and at 7·20 pm. to Dists. 0, 1, 6 and part of 5 "HOIST SOUTH CONE".

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

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	-	*	*	c	*	64	58	b	4·7	0·04
Bath	29·76	?	E	3	bc	29·70	-·16	59	59	-1	E	1	r	*	68	59	–	2·8	0·60

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	65	45	c, o	3·5	–	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*	7·0	*	Margate	67	*	*	4·3	*
Llandudno	*	*	*	1·5	*	Lowestoft, to 6 p.m. ...	65	54	bc, oc, m, o	3·7	–
Aberystwyth, to 6 p.m. ...	69	60	c, o	3·0	0·02	Skegness	*	*	*	6·2	*
Plymouth, to 9 p.m.... ...	64	57	bc, bc up	2·6	0·32	Scarborough, to 6 p.m. ...	66	*	*	4·5	*
Worthing	*	*	*	5·8	*	Harrogate, to 6 p.m. ...	63	42	op, b	8·1	0·02
Brighton	65	*	*	5·4	*	Manchester, to 9 p.m. ...	67	46	bc, o	3·5	–
Eastbourne, to 6 p.m. ...	63	*	*	3·0	*	Darwen, to 9 p.m.	61	46	o mu	2·1	–
Hastings	*	*	*	1·4	*	Birmingham, to 9 p.m. ...	65	52	o, c, o	2·7	–

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

STATIONS. 28th Sept. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS. Obsrs. not received. 27th Sept. 1903	Temperature, F. Dry. 1 p.m.	Temperature, F. Wet.	Weather. 1 p.m.	Rain. Ins. Measured 7 a.m.
Marseilles	77	57	b, bc	–					
Utrecht...	68	50	c, f	0·35	Geneva		*		
Copenhagen	55	46	f, m	–	Berne		*		
Prague	63	50	bc, f	–	Lucerne		*		
Vienna	61	54	bc, f	0·95	Coire		*		
Buda-Pesth	66	54	bc, o	0·08	Castasegna		*		
St. Petersburg	57	45	o, o	–	Lugano		*		
Rome	77	55	b, c	–					
Malta	70	65	?, o	0·04					
Madeira (Funchal) Not recd									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.† (W.E.T.)	6 p.m.†
Holland	8 a.m.(„ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m.(Lisbon)	4 p.m.
Azores (Ponta Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)	10.43p.m.
Azores (Horta	6 a.m. (Local)	7.35a.m.	9 p.m. (Local)	10.55p.m.

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

29th Sept. 1903.

	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.51	11.43	5.35
Greenwich	5.58	11.50	5.42
Wick	6.14	12.2	5.50
Valencia	6.39	12.31	6.23

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

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

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING					THIS MORNING.									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°								Hours.	Ins.
1st	Coruna	30.06	66	NW	1	b	30.05	-.06	64	63	+1	NW	3	f	3	84	61	–	–	–
"	Lisbon	30.00	79	NW	1	b	29.95	-.09	78	66	0	NNE	1	0	*	99	73	–	–	–
2nd	Coruna	30.01	70	NW	1	f	29.97	-.08	64	63	0	WNW	3	r	3	75	61	–	–	0.12
"	Lisbon	29.95	70	SSW	4	0	30.05	+.10	69	67	-9	SW	3	0	*	82	68	–	–	0.08
3rd	Biarritz	30.09	70	WNW	4	r	30.20	+.32	66	–	-17	Z	0	r	2	91	63	–	–	0.39
"	Coruna	30.13	66	NW	3	bc	30.23	+.26	54	54	-10	NW	1	bc	3	66	52	–	–	0.12
"	Lisbon	30.13	66	NNW	5	0	30.12	+.07	64	60	-5	N	5	c	*	79	61	–	–	–
"	P. Delgada	30.30	66	NW	1	bc	30.17	-.15	69	63	+3	W	5	bc	4	75	64	–	–	–
4th	Coruna	30.17	66	NW	3	bc	30.05	-.18	55	–	+1	WNW	2	0	3	68	54	–	–	–
"	P. Delgada	30.04	72	WSW	4	0	29.90	-.27	72	70	+3	SW	5	0	5	75	69	–	–	–
5th	Coruna	29.97	68	SSW	3	0	30.02	-.03	61	59	+6	S	1	r	3	75	57	–	–	0.24
6th	Nice	30.10	74	S	?	b	30.10	-.02	75	–	0	E	4	b	0	86	68	–	–	–
7th	Coruna	30.20	64	NW	3	0	30.39	+.25	61	59	-2	NNW	2	c	3	66	57	–	–	0.08
8th	Coruna	30.41	64	?W	3	0	30.45	+.06	58	55	-3	N	1	f	2	66	54	–	–	–
"	Lisbon	30.21	64	WNW	6	b	30.24	-.01	65	54	0	NE	5	c	*	73	63	–	–	–
9th	Coruna	30.39	64	N	4	b	30.34	-.11	55	54	-3	N	1	f	3	66	52	–	–	–
10th	Coruna	30.34	67	NNW	3	0	30.32	-.02	63	59	+8	N	3	c	5	70	55	–	–	–
"	Lisbon	30.17	68	NW	4	b	30.13	-.08	68	60	-4	NW	4	b	*	82	64	–	–	–
11th	Roche's Point	29.30	52	NW	9	0	29.69	-.33	51	49	-1	NW	4	b	3	60	48	r.o	–	0.38
"	Helder	29.57	52	SW	5	r	28.79	-1.01	54	46	-2	NNE	2	c	3	59	48	–	–	0.55
"	Brussels	–	–	–	–	–	29.04	-.99	46	46	-4	WSW	8	r	*	60	45	–	–	0.35
"	Coruna	30.21	64	N	4	b	30.10	-.22	61	59	-2	NW	1	f	5	68	57	–	–	–
"	Lisbon	30.04	66	NW	6	b	29.98	-.15	68	58	0	N	6	b	*	84	61	–	–	–
"	Delgada	30.47	69	ENE	2	r	30.39	-.11	70	67	+2	NE	4	0	2	75	66	–	–	0.04
12th	Biarritz	29.92	62	WSW	4	r	29.81	-.12	59	–	-3	S	4	r	3	64	55	–	–	0.55
"	Coruna	30.04	63	NW	2	bc	29.98	-.12	59	55	-2	NW	1	0	5	64	54	–	–	0.04
14th	Coruna	30.06	62	NW	5	0	30.36	+.30	61	57	+7	N	3	b	?	63	54	–	–	0.08
"	Delgada	30.27	67	E	3	b	30.25	-.01	68	66	-1	Z	0	c	3	75	64	–	–	–
15th	Coruna	30.49	64	N	4	b	30.50	+.14	51	49	-10	NNE	1	b	3	66	46	–	–	–
"	Delgada	30.28	71	S	4	0	30.26	+.01	71	67	+3	S	4	c	4	75	68	–	–	–
16th	Brussels	–	–	–	–	–	30.17	-.20	48	–	-2	Z	0	r	*	57	45	–	–	0.04
"	Coruna	30.41	64	NNE	3	b	30.20	-.30	50	48	-1	NNE	2	f	2	66	46	–	–	–
"	Delgada	30.22	71	SSW	4	bc	30.14	-.12	70	67	-1	S	4	0	3	77	68	–	–	–
17th	Coruna	30.21	64	N	2	b	30.14	-.06	52	50	+2	ENE	1	b	2	66	48	–	–	–
"	Lisbon	30.14	68	WNW	4	b	30.14	-.08	63	52	+1	N	4	b	*	77	59	–	–	–
18th	Coruna;	30.13	63	NNE	1	b	30.07	-.07	54	–	+2	ENE	1	f	0	71	50	–	–	–
19th	Paris	30.19	54	ENE	2	0	30.06	-.28	48	–	+4	ENE	2	b	*	61	44	–	–	–
"	Coruna	29.99	63	WNW	3	bc	29.79	-.28	59	57	+5	NW	1	f	3	70	54	–	–	–
20th	Coruna	29.67	63	WNW	3	f	29.48	-.31	61	59	+2	S	1	0	2	66	55	–	–	0.04
21st	Coruna	29.49	66	?	3	0	29.56	+.08	61	59	0	SSE	4	c	3	66	57	–	–	–
"	Lisbon	29.68	61	S	3	b	29.78	+.24	64	59	+4	S	4	b	*	64	60	–	–	0.20
22nd	Lisbon	29.93	64	SW	4	b	30.00	+.22	66	62	+2	S	4	b	*	68	63	–	–	–
23rd	Coruna	29.99	68	SSW	4	0	30.11	?	64	62	?	S	4	0	2	72	59	–	–	–
24th	Coruna	30.19	64	S	1	r	30.26	+.15	56	–	-8	S	1	0	-	-	-	-	-	-
"	Lisbon	30.26	65	SW	3	0	30.28	+.07	64	60	0	N	4	bc	*	72	63	–	–	–
25th	Coruna	30.26	64	SW	3	0	30.27	+.01	53	51	-3	SW	1	bc	3	66	48	–	–	–
"	Lisbon	30.26	62	NNW	4	b	30.22	-.06	65	57	+1	NNW	2	bc	*	73	59	–	–	–
26th	Coruna	30.17	63	SW	1	b	30.19	-.08	55	54	+2	WNW	3	f	3	66	52	–	–	–
27th	Biarritz	30.09	77	SE	1	bc	30.06	-.13	72	–	+3	SW	4	0	1	82	66	–	–	–
28th	Coruna	30.04	68	SSW	2	b	29.87	-.16	63	61	+2	S	3	r	3	70	59	–	–	0.08
"	Delgada	29.93	70	W	5	r	29.93	-.07	64	57	-5	NNW	3	b	4	73	63	–	–	0.08
29th	Coruna	29.79	69	S	6	0	29.87	.00	59	58	-4	SSW	1	r	3	72	55	–	–	0.39
"	Delgada	30.02	62	N	4	c	30.02	+.09	62	57	-2	NNW	4	bc	-	70	59	–	–	–
30th	Coruna	29.86	71	SSW	3	0	29.99	+.12	59	57	0	SSW	3	bc	3	72	54	–	–	0.12
"	Lisbon	30.04	61	WNW	3	b	30.04	+.12	59	59	-6	Z	0	bc	*	68	59	–	–	0.04

REPORTS FOR SEPTEMBER 1903.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING					THIS MORNING.									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather	Sunshine.	Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).			Max	Min.			
		Ins.	°				Ins.	Ins.	°	°	°								Hours.	Ins.
1st	Roche's Point	–	–	–	–	–	–	–	–	–	–	–	–	–	–	60	–	–	–	–
"	Jersey	30.10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Portland Bill	–	–	–	–	–	29.96	-.11	–	–	–	–	–	–	–	–	–	–	–	–
"	Spurn Head.	–	60	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2nd	Roche's Point.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	65	–	–	–	–
"	Parsonstown	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7.4	–
3rd	Pembroke	–	–	–	–	–	–	–	–	56	–	–	–	–	–	–	53	–	–	–
4th	Malin Head.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.02
5th	Jersey	–	–	–	–	–	–	–	–	–	–	–	–	–	–	70	–	–	–	–
"	Wick	?29.81	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Lorient	?2989	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6th	Wick	?29.61	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Leith	–	–	–	–	–	29.94	+.45	–	–	–	–	–	–	–	–	–	–	–	–
"	Yarmouth	?29.94	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Nottingham	?29.94	–	–	–	–	–	–	–	–	–	–	–	o	–	–	–	–	–	–
"	Bath	?29.98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7th	Blacksod Pt.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	55	–	–	–
"	Portland Bill.	–	–	–	–	–	30.27	+.15	–	–	–	–	–	–	–	–	–	–	–	o –
"	Nottingham	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	42	–	–	–
9th	Christiansünd	29.52	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Malin Head	29.62	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Parsonstown.	–	–	–	–	–	29.87	-.12	–	–	–	–	–	–	–	–	–	–	–	–
11th	Stornoway.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4.6	–
"	Donaghadee.	–	–	–	–	–	–	–	46	–	–	–	–	–	–	–	–	–	–	–
"	Scilly	–	–	–	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Portland Bill	–	–	–	10	+	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Nairn.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	55	–	–	–	–
12th	Skudesnaes	?29.20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Roche's Point.	–	–	–	–	–	29.81	+.12	–	–	–	–	–	–	–	–	–	–	–	–
"	Nairn	29.39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13th	Roche's Point.	–	–	NW	–	–	–	+.02	–	–	–	–	–	–	–	–	–	–	–	–
14th	Roche's Point	–	–	N	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Spurn Head	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	46	–	–	–
15th	Leith	–	–	–	–	–	30.55	+.14	–	–	–	–	–	–	–	–	–	–	–	–
16th	Parsonstown	–	–	–	–	–	30.32	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Holyhead	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	42	–	–	–
17th	Valencia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.1	–
"	Wick	?30.21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18th	Wick	?30.18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19th	London.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.01
21st	Pembroke	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	58	–	–	–
"	Spurn Head.	–	58	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22nd	Stornoway	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	none
25th	Dungeness	–	–	–	–	–	30.15	–	–	–	–	–	–	–	–	–	–	–	–	–
28th	Donaghadee	–	–	–	–	–	–	–	–	–	–	–	–	–	–	62	–	–	–	–
"	Spurn Head	–	–	–	–	–	–	–	–	–	–	SSW	–	–	–	–	–	–	–	–
"	Biarritz	–	–	–	–	–	–	-.11	–	–	-9	–	–	–	–	72	–	–	–	–
"	Horta.	29.94	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29th	Malin Head.	29.43	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Leith	–	–	–	–	c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Perpignan	29.97	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30.	Wick	–	–	–	–	–	–	–	–	–	–	–	–	–	–	56	–	–	–	–
"	Bath	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.17