

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE, 1903.

DAILY WEATHER REPORT.

January to June 1903.



SUPPLEMENT TO THE DAILY WEATHER REPORT.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE SIX MONTHS, JANUARY TO JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871-1900.	TEMPERATURE OF AIR. 1871-1900.								RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.				Means for		Means, 1881-1900.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Date.	Minimum.	Date.	Days with Rain.	Total Fall.	Average Duration.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°			(Inches.)	(Hours.)	
Sumburgh Head	29.802	39.5	28.1	42.6	35.3	52	1898	19	1881	26	3.85	—	—
Stornoway	29.799	39.3	28.4	43.1	34.2	55	1890	11	1881	25	4.87	29.7	14
Malin Head	29.811	40.9	39.4	45.1	37.8	[55]*	[1898]	[23]*	[1894]	[22]*	[2.44]*	—	—
Blackod Point	29.849	42.5	41.2	48.5	38.8	[56]*	[1890]	[25]*	[1895]	[20]*	[4.75]*	—	—
Valencia	29.912	44.2	42.7	49.1	39.9	56	1878, 78	20	1894	24	6.10	54.5	22
Roche's Point	29.929	43.0	41.7	47.5	39.2	57	1899	20	1894	20	5.14	—	—
Parsonstown	29.913	38.5	37.5	45.2	33.9	57	1890, 98	6	1881, 94	20	2.91	62.0	21
Donaghadee	29.872	40.0	39.1	44.5	36.0	59	1898	14	1881	20	2.80	—	—
Liverpool	29.934	38.4	36.8	43.3	35.0	58	1898	9	1881	17	2.20	—	—
Holyhead	29.915	41.6	40.2	45.3	38.4	55	1878	20	1894	19	3.23	—	—
Pembroke	29.949	42.6	41.1	45.4	39.3	53	1899	19	1881, 94	20	3.71	54.1	22
Scilly	29.972	46.3	44.6	48.8	42.5	57	1899	26	1894	31	3.59	—	—
Jersey	30.026	42.0	40.4	46.0	38.3	57	1877, 99	12	1897	19	3.16	66.9	25
Portland Bill †	[29.938]	[44.0]	[42.7]	[46.9]	[39.9]	—	—	—	—	[19]	[4.22]	—	—
Dungeness	30.002	38.8	37.9	43.3	35.1	55	1878, 98	11	1893	17	1.87	—	—
Wick	29.732	38.1	36.8	42.3	33.1	60	1898	— 4	1881	20	2.26	—	—
Nairn	29.763	37.1	35.6	42.3	32.2	59	1887	5	1881, 1895	17	2.03	—	—
Aberdeen	29.804	37.0	35.3	42.1	33.0	59	1898	4	1881	18	2.36	52.1	23
Leith	29.837	38.4	37.0	44.1	33.6	59	1898	9	1881	15	1.75	—	—
North Shields	29.885	38.1	36.8	43.0	33.8	63	1880, 98	6	1881	15	1.73	—	—
Spurn Head	29.925	37.6	36.7	41.6	34.4	[55]*	[1898]	[13]*	[1881]	15	1.39	—	—
Yarmouth	29.970	37.3	36.4	41.3	33.3	57	1899	10	1881	18	1.80	—	—
Loughborough	29.971	36.1	35.1	42.8	32.1	[59]*	[1898]	[2]*	[1881]	17	2.04	—	—
Oxford	30.001	38.9	35.8	42.9	33.3	60	1877, 99	7	1881	17	2.08	40.4	18
LONDON	30.004	37.5	36.4	43.8	33.6	63	1876	9	1881	16	2.01	18.4†	7†
Sumburgh Head	29.759	33.6	37.2	42.2	34.4	51	1887, 91	17	1895	21	3.09	—	—
Stornoway	29.766	33.0	38.0	43.8	34.2	55	1891	12	1892	21	3.84	62.8	24
Malin Head	29.834	41.1	39.6	45.4	36.3	[59]*	[1891]	[20]*	[1895]	[17]*	[2.96]*	—	—
Blackod Point	29.863	42.5	40.9	47.3	36.8	[61]*	[1891]	[23]*	[1895]	[20]*	[3.54]*	—	—
Valencia	29.912	44.5	42.7	49.5	40.4	58	1891	22	1895	21	4.94	73.5	27
Roche's Point	29.924	43.1	41.6	48.3	39.8	56	1877, 89, 96	25	1895, 1900	17	4.09	—	—
Parsonstown	29.909	39.1	37.8	49.9	35.0	59	1891	6	1895	16	2.12	68.0	25
Donaghadee	29.888	40.1	39.2	46.6	36.5	57	1897	16	1895	17	2.83	—	—
Liverpool	29.938	38.6	37.0	44.5	35.7	62	1878	12	1895	15	1.71	—	—
Holyhead	29.920	41.3	39.9	45.5	38.3	59	1891	17	1895	16	2.47	—	—
Pembroke	29.944	42.0	40.8	45.5	39.2	53	1899	23	1895	17	2.68	77.6	28
Scilly	29.958	46.0	44.3	49.0	42.5	57	1898, 99	27	1895	18	2.65	—	—
Jersey	30.015	42.4	40.9	47.2	39.0	62	1891	18	1895	17	2.42	94.3	33
Portland Bill †	[29.955]	[39.0]	[38.5]	[43.8]	[35.1]	—	—	—	—	[19]	[4.30]	—	—
Dungeness	29.986	39.1	38.0	44.5	35.6	57	1897	11	1899	15	1.37	—	—
Wick	29.787	37.7	36.4	43.0	32.8	59	1878	9	1895	17	2.06	—	—
Nairn	29.806	36.6	35.0	43.6	32.1	64	1891	0 (Zero)	1895, 97	14	1.60	—	—
Aberdeen	29.845	38.9	35.1	43.2	33.2	64	1897	6	1895	17	2.20	75.2	29
Leith	29.866	38.2	36.8	45.0	33.9	59	1882	12	1895	18	1.46	—	—
North Shields	29.901	38.3	36.9	44.1	34.4	60	1898, 99	7	1896	14	1.50	—	—
Spurn Head	29.932	38.2	37.3	42.5	35.5	[61]*	[1899]	[20]*	[1895]	15	1.85	—	—
Yarmouth	29.962	38.0	37.0	42.5	34.1	58	1872, 98	15	1895	15	1.70	—	—
Loughborough	29.967	36.6	35.5	45.4	33.0	[64]*	[1891]	[— 5]*	[1895]	13	1.75	—	—
Oxford	29.991	37.4	36.3	45.2	34.3	64	1891	7	1895	14	1.80	66.1	25
LONDON	29.994	38.3	37.0	45.8	34.7	66	1899	10	1895	14	1.69	32.8†	12†
Sumburgh Head	29.731	38.5	37.0	42.8	34.1	57	1893	18	1879	23	2.88	—	—
Stornoway	29.767	39.2	38.2	45.0	34.2	58	1872	13	1881	23	3.48	103.9	29
Malin Head	29.834	41.1	39.5	46.4	38.5	[62]*	[1891]	[26]*	[1890]	[19]*	[2.06]*	—	—
Blackod Point	29.889	43.3	41.4	48.4	39.1	[64]*	[1894, 99]	[26]*	[1891, 1900]	[23]*	[3.47]*	—	—
Valencia	29.927	44.8	42.7	50.9	40.1	66	1899	26	1899	20	3.92	132.3	36
Roche's Point	29.930	43.4	41.5	49.7	39.6	61	1899	27	1890	14	3.26	—	—
Parsonstown	29.920	39.9	38.5	49.8	34.8	66	1894	18	1891	16	2.23	110.8	30
Donaghadee	29.876	40.8	39.6	47.5	37.0	65	1874	25	1892	18	1.96	—	—
Liverpool	29.904	40.3	38.2	47.1	36.8	66	1871	21	1886	15	1.67	—	—
Holyhead	29.901	42.1	40.5	47.3	38.8	67	1894	27	1881	16	2.22	—	—
Pembroke	29.926	42.2	40.6	46.6	39.1	58	1872, 99	26	1883, 90, 91	17	2.24	135.2	37
Scilly	29.942	46.1	44.2	49.7	42.3	59	1893	30	1890	18	2.26	—	—
Jersey	29.963	44.2	42.1	49.8	40.0	66	1871, 93, 94	21	1890	16	2.20	154.0	42
Portland Bill †	[30.005]	[39.2]	[37.5]	[45.4]	[34.4]	—	—	—	—	[12]	[1.03]	—	—
Dungeness	29.927	40.8	39.3	46.7	36.0	69	1894, 96	13	1890	14	1.38	—	—
Wick	29.770	39.0	37.4	45.0	33.9	62	1894	10	1900	20	2.05	—	—
Nairn	29.795	38.1	36.3	46.1	33.3	65	1884	6	1892	17	1.72	—	—
Aberdeen	29.813	38.8	36.5	45.8	34.3	66	1889, 91, 92	10	1889	19	2.28	121.6	38
Leith	29.840	39.4	37.6	48.0	34.5	68	1884	19	1879, 81, 89	15	1.42	—	—
North Shields	29.863	39.3	37.7	46.3	34.8	64	1884, 93	15	1889	15	1.74	—	—
Spurn Head	29.880	39.8	38.5	45.0	36.5	[62]*	[1890, 93]	[24]*	[1880]	14	1.24	—	—
Yarmouth	29.904	40.2	38.6	45.3	35.3	62	1884, 89	18	1892	15	1.62	—	—
Loughborough	29.922	38.4	36.8	49.7	33.8	[64]*	[1884, 93]	[16]*	[1883]	13	1.47	116.8	32
Oxford	29.944	38.8	37.3	49.3	34.6	67	1884, 93	15	1891	13	1.49	68.0†	19†
LONDON	29.942	40.1	38.1	50.1	35.3	71	1871	15	1890	13	1.49	—	—

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

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE

(CONTINUED).

APRIL.

MAY.

JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871-1900.	TEMPERATURE OF AIR. 1871-1900.								RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.				Means for		Means, 1881-1900.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Date.	Minimum.	Date.	1871- 1900.	1886-1900.	Average Duration.	Per cent. of possible.
Sumburgh Head....	(Inches.) 29° 845	42° 1	40° 3	46° 2	36° 9	56	1900	21	1899	17	(Inches.) 2° 06	(Hours.) —	—
Stornoway.....	29° 833	43° 8	42° 3	49° 2	37° 2	67	1893	20	1881	18	2° 51	156° 7	37
Malin Head.....	29° 850	44° 4	42° 6	50° 0	41° 7	[67]*	[1900]	[31]*	[1892]	[17]*	[1° 80]*	—	—
Blacksod Point....	29° 867	46° 7	44° 5	52° 2	42° 6	[71]*	[1893]	[29]*	[1892, 97]	[19]*	[2° 81]*	—	—
Valencia.....	29° 883	48° 6	46° 0	54° 2	43° 1	70	1892	30	1879, 92, 97, 98	18	3° 78	163° 9	40
Roche's Point.....	29° 887	47° 2	45° 0	53° 8	42° 7	72	1893	31	1892	15	3° 10	—	—
Parsonstown.....	29° 890	45° 3	42° 9	54° 9	38° 5	73	1893	21	1892	15	2° 14	151° 1	36
Donaghadee.....	29° 884	45° 0	43° 4	51° 4	40° 5	65	1900	29	1898	15	1° 94	—	—
Liverpool.....	29° 896	45° 3	42° 3	52° 9	40° 6	75	1893	29	1881	14	1° 57	—	—
Holyhead.....	29° 887	46° 1	44° 1	51° 7	42° 1	75	1874, 93	31	1881, 92	14	1° 92	—	—
Pembroke.....	29° 887	45° 7	44° 0	50° 7	42° 3	70	1893	30	1879, 81	15	1° 93	179° 6	44
Scilly.....	29° 888	49° 0	47° 0	52° 6	45° 0	66	1893	32	1876	16	2° 12	—	—
Jersey.....	29° 912	49° 1	46° 3	54° 8	43° 8	84	1874	32	1871, 76, 92, 1900	14	2° 01	193° 8	47
Portland Bill†.....	[30° 087]	[46° 5]	[44° 6]	[51° 8]	[41° 0]	—	—	—	—	[13]	[0° 94]	—	—
Dungeness.....	29° 894	46° 5	44° 3	51° 6	41° 3	69	1873	25	1892	13	1° 37	—	—
Wick.....	29° 853	43° 4	41° 6	49° 4	37° 2	69	1875, 1900	23	1892	16	1° 65	—	—
Nairn.....	29° 857	43° 3	40° 9	51° 6	36° 8	72	1875	21	1892	15	1° 31	—	—
Aberdeen.....	29° 876	43° 7	40° 9	49° 8	38° 0	74	1900	23	1881, 92	17	2° 05	153° 3	36
Leith.....	29° 880	44° 5	41° 9	52° 5	38° 0	75	1875	23	1881	13	1° 44	—	—
North Shields.....	29° 888	43° 8	41° 7	49° 7	38° 5	71	1892	25	1892	14	1° 64	—	—
Spurn Head.....	29° 888	44° 3	42° 5	48° 9	40° 4	[67]*	[1885]	[30]*	[1881, 89]	13	1° 32	—	—
Yarmouth.....	29° 897	44° 9	43° 0	49° 5	40° 0	72	1885	25	1878	15	1° 62	—	—
Loughborough.....	29° 910	44° 1	41° 9	55° 7	37° 8	[81]*	[1893]	[23]*	[1891, 92, 1900]	14	1° 69	—	—
Oxford.....	29° 916	44° 6	42° 3	55° 3	38° 9	80	1893	23	1892	14	1° 61	149° 9	36
LONDON.....	29° 911	46° 3	43° 3	56° 6	39° 9	82	1893	27	1873, 84, 87, 92, 1900	13	1° 65	109° 8†	27†
Sumburgh Head....	29° 896	46° 0	44° 0	50° 2	40° 3	63	1895	27	1877	17	1° 81	—	—
Stornoway.....	29° 904	48° 4	46° 4	53° 5	41° 0	72	1882, 96	27	1876, 77	18	2° 43	189° 7	37
Malin Head.....	29° 927	48° 9	46° 6	54° 2	45° 5	[70]*	[1895]	[35]*	[1886, 91, 97]	[16]*	[2° 14]*	—	—
Blacksod Point....	29° 954	51° 2	48° 3	55° 8	48° 1	[75]*	[1890]	[36]*	[1894]	[18]*	[2° 81]*	—	—
Valencia.....	29° 976	53° 0	49° 7	58° 2	46° 3	74	1884, 95, 97	34	1877, 85, 96	16	3° 02	210° 7	44
Roche's Point.....	29° 975	52° 0	49° 2	58° 6	46° 4	73	1896	36	1879, 86	13	2° 93	—	—
Parsonstown.....	29° 972	51° 0	47° 9	59° 8	42° 8	77	1881, 95	28	1874, 77	15	2° 27	185° 0	38
Donaghadee.....	29° 962	49° 8	47° 6	56° 2	44° 5	70	1896	30	1873	15	2° 19	—	—
Liverpool.....	29° 973	50° 9	47° 0	58° 1	45° 0	80	1895	30	1883	14	1° 86	—	—
Holyhead.....	29° 970	50° 7	48° 1	56° 2	46° 0	74	1895	37	1894	13	1° 84	—	—
Pembroke.....	29° 974	50° 2	48° 1	55° 2	46° 1	72	1890	34	1879	14	1° 96	223° 9	46
Scilly.....	29° 980	52° 8	50° 4	56° 6	48° 4	67	1896	38	1883	13	1° 67	—	—
Jersey.....	29° 997	53° 8	50° 5	59° 7	47° 5	79	1875	33	1871	12	1° 89	240° 4	53
Portland Bill†.....	[29° 984]	[50° 1]	[48° 4]	[56° 1]	[44° 3]	—	—	—	—	[10]	[1° 21]	—	—
Dungeness.....	29° 972	52° 3	49° 4	57° 3	46° 2	76	1892	30	1892	12	1° 35	—	—
Wick.....	29° 916	48° 2	45° 8	53° 9	40° 8	71	1891	24	1876	17	1° 83	—	—
Nairn.....	29° 922	48° 8	45° 8	56° 6	41° 5	78	1888	26	1894	15	1° 66	—	—
Aberdeen.....	29° 936	49° 0	45° 4	54° 8	41° 8	74	1881	29	1884, 91	16	2° 02	191° 0	38
Leith.....	29° 946	50° 2	46° 7	57° 8	42° 4	81	1881	27	1883	14	1° 67	—	—
North Shields.....	29° 955	48° 9	46° 0	54° 5	42° 6	72	1896	29	1871, 91	14	1° 66	—	—
Spurn Head.....	29° 961	49° 4	47° 3	54° 3	45° 0	[75]*	[1883]	[34]*	[1891]	13	1° 58	—	—
Yarmouth.....	29° 969	50° 5	48° 0	55° 2	44° 8	76	1875	32	1891, 92	13	1° 78	—	—
Loughborough.....	29° 984	50° 8	47° 4	61° 6	42° 4	[83]*	[1881, 95]	[25]*	[1892]	14	2° 02	—	—
Oxford.....	29° 991	50° 7	47° 5	60° 9	43° 5	83	1895	28	1877	13	1° 75	196° 3	41
LONDON.....	29° 989	52° 6	48° 4	62° 6	44° 5	86	1880	29	1877, 86, 92	12	1° 69	164° 8†	35†
Sumburgh Head....	29° 903	50° 4	48° 7	54° 5	45° 1	70	1891	33	1888	15	1° 88	—	—
Stornoway.....	29° 898	53° 5	51° 5	58° 5	46° 2	76	1893	31	1888	16	2° 42	183° 7	34
Malin Head.....	29° 934	53° 8	51° 6	59° 1	50° 8	[75]*	[1887, 91, 95]	[40]*	[1888]	[15]*	[2° 21]*	—	—
Blacksod Point....	29° 955	56° 4	53° 4	60° 9	51° 3	[82]*	[1887]	[40]*	[1894]	[17]*	[2° 69]*	—	—
Valencia.....	29° 985	57° 6	54° 6	62° 5	51° 3	81	1887	40	1875, 80, 82	17	3° 36	197° 6	40
Roche's Point.....	29° 986	57° 2	54° 1	64° 2	51° 6	80	1876, 87	41	1881	13	3° 02	—	—
Parsonstown.....	29° 981	56° 4	53° 2	65° 1	48° 8	85	1887	32	1881	15	2° 43	170° 2	34
Donaghadee.....	29° 961	55° 2	53° 1	61° 6	49° 7	77	1887	36	1880	15	2° 18	—	—
Liverpool.....	29° 977	57° 2	53° 0	64° 2	51° 3	85	1878, 93	38	1872	14	2° 07	—	—
Holyhead.....	29° 977	56° 2	53° 6	61° 8	51° 3	83	1878	42	1882	14	1° 99	—	—
Pembroke.....	29° 985	55° 7	53° 7	60° 8	51° 8	79	1893	38	1888	14	1° 93	233° 6	47
Scilly.....	30° 000	57° 7	55° 5	61° 8	53° 4	75	1893	41	1888	14	1° 76	—	—
Jersey.....	30° 021	59° 2	56° 0	65° 2	53° 1	87	1872	39	1890	12	1° 90	246° 6	51
Portland Bill†.....	[29° 969]	[55° 7]	[54° 3]	[61° 3]	[50° 6]	—	—	—	—	[12]	[2° 67]	—	—
Dungeness.....	29° 988	58° 3	55° 3	63° 2	52° 4	77	1878	37	1890, 91, 92, 93	11	1° 34	—	—
Wick.....	29° 920	53° 3	50° 9	58° 9	45° 7	79	1878	30	1881	14	1° 74	—	—
Nairn.....	29° 920	54° 6	51° 2	62° 4	47° 3	86	1876	30	1888	14	1° 77	—	—
Aberdeen.....	29° 937	54° 8	50° 9	60° 9	47° 3	80	1881, 87	30	1888	14	1° 85	187° 9	36
Leith.....	29° 946	56° 0	52° 4	63° 8	48° 2	86	1887	34	1886	14	1° 87	—	—
North Shields.....	29° 959	54° 9	51° 9	60° 7	48° 6	80	1897	37	1881, 86, 95, 98	13	1° 80	—	—
Spurn Head.....	29° 970	55° 5	53° 2	60° 6	51° 3	[80]*	[1885]	[34]*	[1881]	12	1° 60	—	—
Yarmouth.....	29° 981	57° 0	54° 1	62° 1	51° 1	81	1877, 88	37	1896	13	1° 90	—	—
Loughborough.....	29° 991	57° 8	54° 0	66° 8	49° 0	[86]*	[1893]	[32]*	[1895, 96]	12	2° 15	—	—
Oxford.....	29° 997	57° 1	53° 6	67° 4	50° 1	86	1876, 93	35	1892, 93	12	2° 10	194° 9	40
LONDON.....	30° 001	59° 2	54° 7	69° 5	50° 9	91	1878	35	1880	12	1° 93	164° 9†	34†

* 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 one year only—1900.

DAILY WEATHER REPORT

for 8 a.m. on *Friday, 1st May, 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.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			°
SCANDINAVIA.	Haparanda ...	29.72	40	N	2	f	29.95	+1.10	34	30	-7	N	6	c	*	-	45	34	*	-	
	Hernösand ...	29.75	41	N	0	b	29.86	+0.03	38	38	-7	E	4	f	*	-	61	37	*	-	
	Stockholm ...	29.68	48	N	2	0	29.65	-0.08	51	49	+5	N	2	0	*	-	57	43	*	0.04	
	Wisby ...	29.65	38	N	0	f	29.66	-0.02	42	41	+2	N	0	f	*	-	45	37	*	-	
	Karlstad ...	29.72	54	N	0	0	29.73	-0.08	49	46	+1	NNE	2	0	*	-	50	44	*	0.20	
	Færder (X'ania Fjord)	29.71	50	NNW	2	0	29.74	-0.05	47	45	+3	NNE	4	0	2	-	50	44	*	-	
	Bodö ...	29.86	42	NNE	2	c	29.95	+1.15	42	39	-5	INE	2	0	1	-	47	39	*	-	
	Christiansund ...	29.78	47	E	2	b	29.81	+0.05	39	38	-12	NNE	4	f	3	-	54	36	*	-	
	Skudesnaes ...	29.74	48	N	0	0	29.75	+0.08	49	46	+1	E	4	0	2	0	50	45	*	-	
	Sumburgh Head ...	29.57	45	E	4	0	29.67	+1.19	44	44	-1	ESE	2	0	5	0	47	43	*	0.04	
BRITISH ISLANDS.	Stornoway ...	29.42	50	E	2	0	29.53	+1.13	46	45	-2	ESE	2	0	2	0	51	38	2.8	-	
	Malin Head ...	29.41	52	N	0	b, m	29.52	+1.19	49	47	+3	N	0	b, w	1	b, b, m	53	44	*	-	
	Blacksod Pt. ...	29.43	53	NW	3	b	29.53	+1.19	49	48	-1	ENE	1	f	2	b, c, b	55	42	*	-	
	Valencia ...	29.44	53	WNW	3	c	29.54	+1.20	47	45	0	NE	1	b	4	c	55	38	6.2	-	
	Roche's Point ...	29.38	52	NW	2	0	29.51	+1.18	49	47	+1	NNW	3	c	2	b, c, p, b, l	55	47	*	0.20	
	Parsonstown ...	29.38	55	NW	1	c	29.52	+1.17	45	44	-1	NW	1	c	*	b, c, p	59	39	6.2	0.06	
	Donaghadee ...	29.40	51	SE	1	b	29.50	+1.14	45	44	-1	NNE	4	0	6	-	53	43	*	-	
	Liverpool Obsy. ...	29.38	52	N	0	c	29.43	+0.09	49	48	0	SE	1	b, c	1	p, c	57	46	*	0.53	
	Holyhead ...	29.38	52	N	1	c	29.41	+1.10	46	45	-3	E	1	0	1	b, c, c	58	45	*	0.35	
	Pembroke (St. Ann's)	29.36	49	SE	2	r	29.42	+1.11	48	47	-2	N	1	r, g, m	3	-	53	46	3.4	0.61	
GERMANY, &c.	Scilly (St. Mary's)...	29.31	49	N	4	r, m	29.48	+1.21	50	48	0	WNW	5	c	4	0, r, m	51	48	0.5	0.34	
	Jersey (St. Aubins)...	29.33	52	SE	5	c, g, p	29.46	-0.01	50	50	-1	W	6	0, p	5	c, g, p	56	48	2.3	0.30	
	Portland Bill ...	29.36	50	E	4	0, p	29.33	-0.08	48	47	-1	NNW	4	r	4	r, c, p	53	45	*	0.39	
	Dungeness ...	29.45	51	E	2	0	29.48	-0.03	49	47	-1	S	5	c	4	b, c, o, b, l, r	56	47	4.4	0.22	
	Wick ...	29.46	46	SE	2	m	29.60	+1.24	44	44	0	SE	2	f	3	-	49	42	*	0.05	
	Nairn ...	29.40	50	E	1	c	29.55	+1.22	46	45	+1	E	1	0	1	-	54	40	*	0.01	
	Aberdeen ...	29.48	46	SE	3	c	29.59	+1.18	44	44	+1	ESE	3	f	3	c, m, o, r	52	43	4.1	0.09	
	Leith ...	29.41	49	NE	2	0	29.53	+1.15	44	44	-7	NE	1	f, d	*	-	53	42	*	0.06	
	North Shields ...	29.30	49	SE	3	c, p	29.48	+1.08	46	44	-1	NW	3	0	3	0, m, c, p	50	41	*	0.06	
	Spurn Head ...	29.43	48	ESE	4	b, c	29.46	+0.03	47	47	0	SE	3	c	3	-	52	45	*	0.28	
FRANCE.	Yarmouth ...	29.48	50	SSE	4	b, c	29.48	-0.01	49	47	-2	SSE	4	b, c	3	b, b, c	52	45	*	-	
	Loughborough ...	29.42	51	SE	2	0	29.41	-0.00	49	47	0	E	2	0, u	*	0, r	56	47	*	0.08	
	Oxford ...	29.42	51	SE	2	0	29.41	-0.00	49	47	0	E	2	0, u	*	0, r	56	47	*	0.08	
	London (Brixton)...	29.43	55	SE	3	0, r, g	29.42	-0.02	50	49	-2	SE	4	0	*	0, o, r, g	58	45	2.5	0.24	
	The Scaw (Skagen)	29.71	47	NW	1	m	29.71	-0.02	48	47	+2	N	0	c	0	-	52	45	*	-	
	Fanö ...	29.70	49	ESE	2	b	29.71	+0.04	49	47	0	E	2	m	*	-	59	43	*	-	
	Cuxhaven ...	29.69	56	E	1	0	29.66	-0.01	49	47	0	E	2	0	*	-	61	45	*	-	
	The Helder ...	29.57	50	E	1	b	29.53	-0.04	53	51	+1	S	1	r	1	-	59	48	*	-	
	Brussels ...	29.61	51	W	1	b	29.61	-0.04	51	48	-2	SSW	3	b, c	*	-	64	48	*	0.04	
	Berlin ...	29.69	59	W	1	b	29.73	+0.03	57	52	0	SE	1	b	*	-	66	48	*	-	
SPAN. PEN.	Frankfurt ...	29.64	56	S	1	b	29.63	-0.12	52	48	+5	SW	2	b	*	-	66	43	*	-	
	Munich ...	29.73	51	E	5	b, c	29.68	-0.19	49	46	+3	E	3	0	*	-	61	43	*	-	
	C. Gris Nez ...	29.47	54	ENE	2	0	29.50	-0.02	48	46	-1	SSE	4	0	3	-	63	45	*	0.47	
	Brest ...	29.27	49	W	5	0	29.55	+1.20	50	49	0	W	5	0	5	-	54	48	*	0.20	
	Lorient ...	29.35	50	SW	5	r	29.56	+1.13	50	48	0	W	6	c	5	-	55	48	*	0.16	
	Rochefort ...	29.57	54	SW	5	c	29.67	+0.09	52	51	-1	W	4	c	5	q, c	59	48	*	0.16	
	Biarritz ...	29.66	55	N	2	c	29.78	+1.13	50	50	-10	WSW	6	r	5	-	64	50	*	-	
	Paris ...	29.52	50	S	2	r	29.62	-0.03	49	46	-2	SSW	3	c	*	-	65	44	*	0.16	
	Belfort ...	29.62	53	ENE	5	0	29.74	-0.04	44	44	-1	WSW	4	r	*	-	62	43	*	0.12	
	Lyons ...	29.62	59	W	1	0	29.74	-0.12	52	52	-1	N	0	0	4	-	67	41	*	0.43	

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, 1st MAY, 1903.

I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force above 10 →

Force 5 to 7 →

Calm ☉

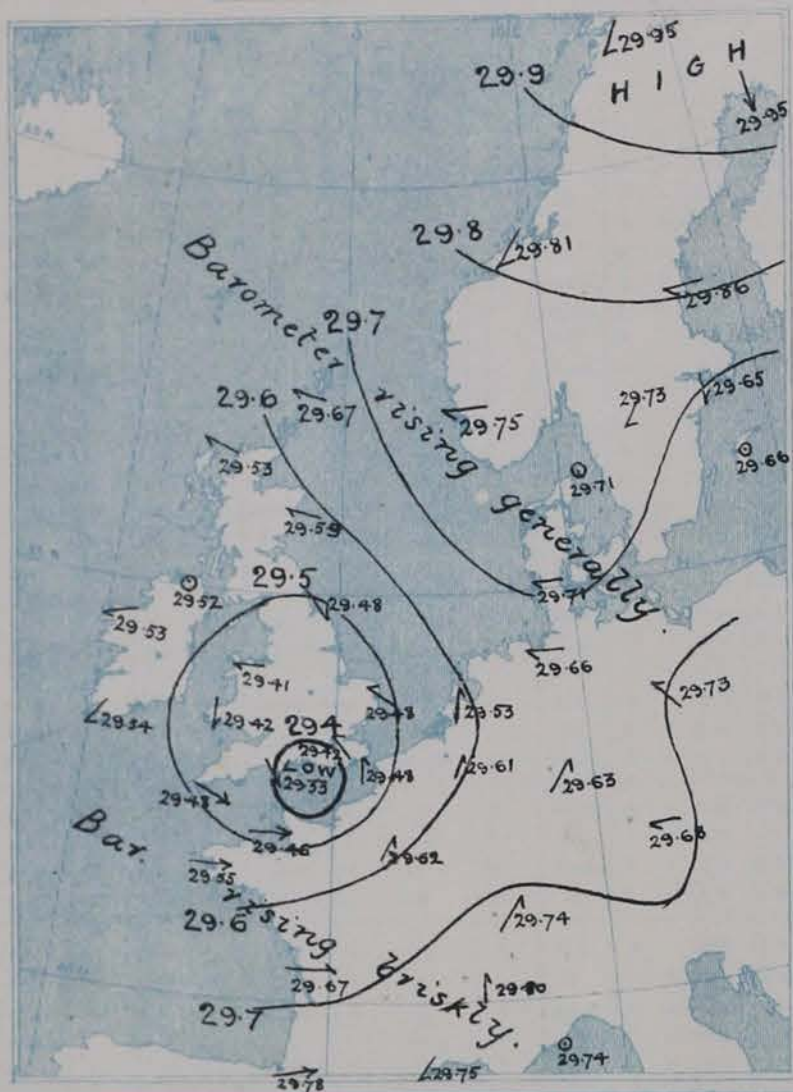
Force 8 to 10 →

Force 1 to 4 →

SEA—Rough

High

High

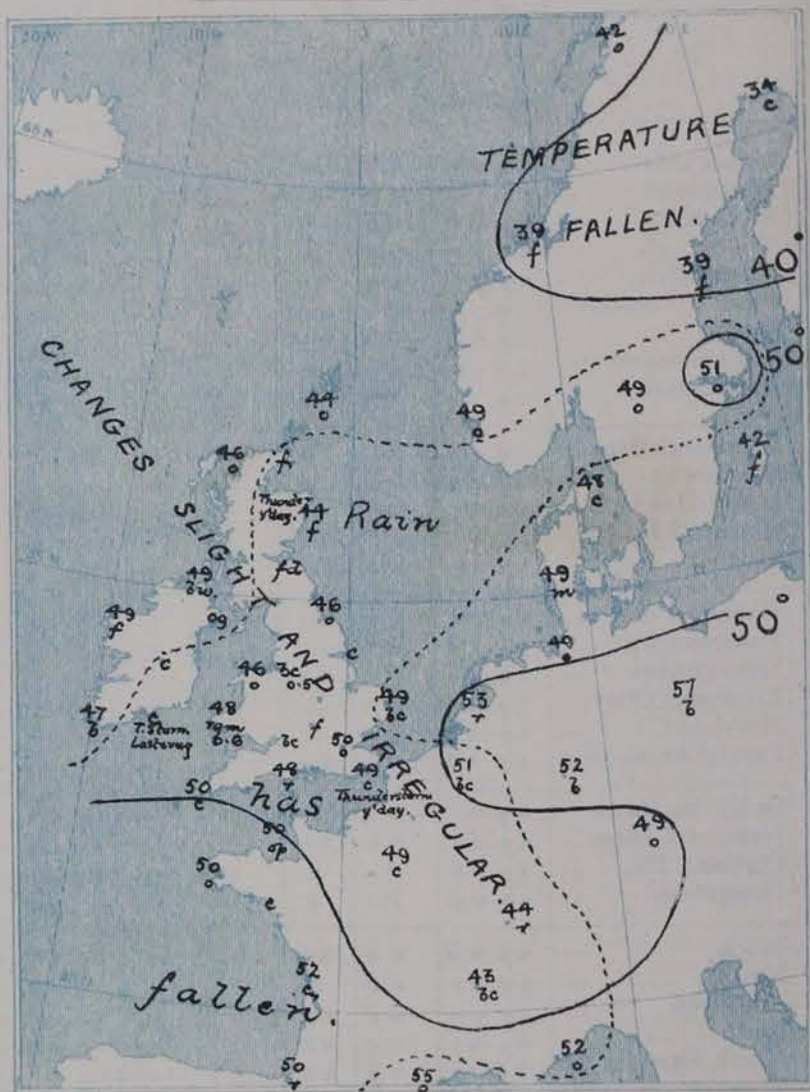


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale. (See P. 3.)

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when averaged half an inch is shown thus—1/2".



III. BAROMETER AND WIND

Yesterday morning

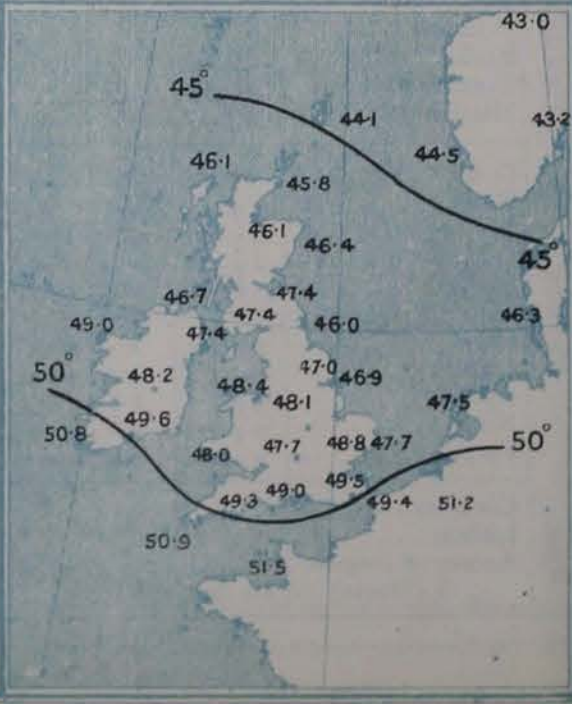


IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen (for Stornoway) { Average No. of Hours daily } 6.1
Total possible 16.5



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 29.8 inches and upwards, in two large areas, - one lying over Sweden and the north of Norway, and the other over south Germany, Switzerland and the southeast of France. The lowest pressures, 29.3 ins. and less, are found in a shallow depression off our own southwest coasts. The barometer is low, 29.5 ins. or less, over the whole of the United Kingdom but is at present rising at all but our extreme northern stations; in the west of France the mercury is however falling, a separate fall being reported also in Scandinavia.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is southerly over England and France, and blows freshly on our east and southeast coasts, as well as in the Channel Islands and the Bay of Biscay. In Ireland it is very variable, while in Scotland and on the eastern shores of the North Sea it is light from the eastward or southeastward; light southwesterly breezes are reported over Germany. The changes in temperature have again been slight and irregular. Over western Europe as a whole the thermometer stands at about its normal height for the time of year, but in Ireland and the north of Scotland the readings are below the average, those on the northeast coasts of Scotland being a trifle below 45°. At some of our southern and eastern stations, and over France and the Netherlands the thermometer is slightly above 50°, while at Biarritz it stands at 60°. The weather, though fine in places, is in a cloudy unsettled state over western Europe generally; rain is falling in the north and in several parts of France, and passing showers in the south of England, while fog prevails on the northeast coasts both of Great Britain and Ireland. The sea is moderate or slight generally but is rough off the Shetlands and at the mouth of the English Channel, and rather rough in the Bay of Biscay.

During yesterday the thermometer rose to 55° and upwards in several parts of the United Kingdom and to 60° in London. The duration of bright sunshine was as a rule fairly large, the largest amounts reported being 12.0 hours at Valencia, and 10.7 hours at Stornoway. Rain again fell over western Europe generally, and a thunderstorm occurred at Manchester in the evening.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow cyclonic area now lying off our southwest coasts is likely to be joined shortly by other disturbances advancing northwards over the Bay of Biscay, and the weather will probably remain in a very unsettled state generally, with freshening southerly winds in the south and east of England. At some of our southern stations the rainfall for the ensuing 24 hours is likely to be considerable.

FORECASTS *

For the 24 hours ending at NOON on 1st May, 1903

DISTRICTS.

FORECASTS.

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

E and SE winds, light or moderate; cloudy, some rain, fog or mist on coast.

S winds freshening; mild and cloudy, with occasional rain - heavy in places.

DISTRICTS.

FORECASTS.

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

Light breezes, chiefly E; fair at first, some rain later.

SE to S or SW winds, strong; dull, rainy.

Same as Nos 6 and 7.

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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shining. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	b, c	54	47	8.7	-	
Newton Reigny (Penrith)												*						
Bath	29.35	55	SW 2	o	29.38	+ .05	50	47	- 1	3	3	r	*	-	58	47	9.5	0.19

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	54	46	od, c, o	2.6	0.08	Eastbourne to 6 pm ...	*	*	*	8.7	*
Rhyl to 6 pm	*	*	*	3.5	*	Hastings	*	*	*	8.8	*
Llandudno	*	*	*	3.1	*	Lowestoft, to 6 p.m. ...	56	45	ng, b	4.3	0.17
Aberystwyth, to 6 p.m. ...	56	49	oc	5.0	0.06	Harrogate, to 6 p.m. ...	53	40	cm, or, b	1.0	0.19
Plymouth, to 9 p.m....	57	47	bcp	6.1	0.23	Manchester, to 9 p.m. ...	55	48	op, bc, b, hr	2.5	0.20
Worthing	*	*	*	8.2	*	Darwen, to 9 p.m. ...	52	42	om, cp, cmu	1.7	0.05
Brighton to 6 pm	*	*	*	8.2	*	Birmingham, to 9 p.m. ...	68	46	*	5.5	0.61

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

STATIONS. 29 th APRIL 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht... ..	61	41	c, c	Ins.	Tunis Obs. not received				Ins.
Madrid	61	43	o, o	0.08	Algiers	77	57	c, c	—
Vienna	66	50	c, c	—	Madeira (Funchal) not rec'd				—
St. Petersburg	64	46	bc, o	—					
Trieste	63	50	c, c	—	28 th APRIL 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Florence	65	48	c, c	—	Lugano	64	—	b	—
Rome	65	44	b, bc	—	Davos	46	—	c	—
Corsica (I. Sanguinaires) ...	66	50	m, m	—	Lucerne	55	—	bc	—
Naples	62	52	c, b	—	Lausanne	55	—	b	—
Palermo	68	47	o, b	—					
Malta	65	54	c	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, 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 (Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
(Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

30 th APRIL 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.26	11.50	7.13
Greenwich	4.37	11.57	7.17
Wick	4.23	12.09	7.54
Valencia	5.16	12.38	7.59

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 *Saturday, 2nd May, 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.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall Ins.		
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°				°	°									
SCANDINAVIA.	Haparanda ...	30.08	32	N	2	z	30.14	+ .19	31	27	- 3	S	2	z	*	43	30	*	-		
	Hernösand ...	30.03	33	N	0	z	30.09	+ .23	36	33	- 2	N	0	z	*	41	32	*	-		
	Stockholm ...	29.81	39	N	4	o	29.94	+ .29	39	38	- 12	N	4	o	*	55	37	*	0.20		
	Wisby ...	29.79	43	N	0	r	29.92	+ .26	38	37	- 4	N	2	r	*	45	36	*	0.12		
	Karlstad ...	29.86	51	NE	2	o	30.02	+ .29	42	38	- 7	E	2	z	*	50	38	*	0.04		
	Færder (X'ania Fjord)	29.83	50	N	0	z	29.97	+ .23	47	44	0	E	2	o	1	54	46	*	-		
	Bodö ...	29.99	41	ENE	4	z	29.98	+ .03	42	36	0	ENE	4	z	1	46	37	*	-		
	Christiansund ...	29.85	45	W	1	f	29.92	+ .11	42	41	+ 3	W	1	f	2	52	37	*	-		
	Skudesnaes ...	29.82	52	NNW	2	z	29.86	+ .11	51	48	+ 2	E	2	o	1	55	46	*	-		
	Sumburgh Head ...	29.75	46	E	2	o	29.75	+ .08	43	43	- 1	ENE	4	f	5	47	42	*	-		
Stornoway ...	29.60	55	E	2	z	29.63	+ .10	47	45	+ 1	E	3	o	3	57	44	10.7	0.02			
Malin Head ...	29.55	48	NE	2	o	29.52	0.00	47	46	- 2	S	2	om	2	53	44	*	0.21			
Blacksod Pt. ...	29.56	52	NNE	3	z	29.49	- .04	50	49	+ 1	SE	1	bm	2	54	41	*	-			
Valencia ...	29.55	54	NNW	2	z	29.44	- .10	50	48	+ 3	ESE	2	o	4	56	40	13.5	-			
BRITISH ISLANDS.	Roche's Point ...	29.53	54	WSW	4	c	29.51	0.00	51	50	+ 2	S	2	o	1	59	41	*	0.01		
	Parsonstown ...	29.52	54	NW	1	o	29.51	- .01	50	47	+ 5	NW	1	z	*	55	36	1.5	-		
	Donaghadee ...	29.49	47	NNE	3	r	29.53	+ .03	47	46	+ 2	ENE	2	o	2	53	43	*	0.21		
	Liverpool Obsy. ...	29.46	48	NW	1	o	29.55	+ .12	47	47	- 2	N	0	o	1	56	46	*	0.16		
	Holyhead ...	29.47	49	N	1	cp	29.53	+ .12	49	48	+ 3	S	2	cf	1	55	45	*	0.12		
	Pembroke (St. Ann's)	29.53	48	NW	4	r	29.56	+ .14	49	48	+ 1	SSW	3	c	3	49	46	0.0	0.40		
	Scilly (St. Mary's)...	29.59	54	WSW	4	z	29.59	+ .11	49	47	- 1	SSW	3	z	4	56	47	8.5	-		
	Jersey (St. Aubins)...	29.67	53	W	5	z	29.74	+ .28	51	49	+ 1	SSW	3	bm	3	54	48	3.8	0.02		
	Portland Bill ...	29.56	50	WSW	4	cp	29.66	+ .33	51	50	+ 3	WSW	2	z	3	52	46	*	0.38		
	Dungeness ...	29.57	50	SW	5	z	29.72	+ .24	50	48	+ 1	SW	5	z	4	55	48	4.7	-		
Wick ...	29.67	44	SE	3	f	29.65	+ .05	44	44	0	SE	3	f	3	46	41	*	0.12			
Nairn ...	29.60	56	E	1	c	29.61	+ .06	47	46	+ 1	E	3	om	2	57	42	*	0.04			
Aberdeen ...	29.65	43	NE	3	f	29.64	+ .05	43	43	- 1	NE	3	ofr	2	50	40	0.8	0.24			
Leith ...	29.55	45	NE	1	r	29.55	+ .02	45	45	+ 1	NE	1	md	*	47	42	*	0.08			
North Shields ...	29.51	45	E	2	o	29.51	+ .03	46	45	0	SE	3	o	3	49	42	*	0.21			
Spurn Head ...	29.48	49	ESE	4	c	29.58	+ .12	48	47	+ 1	S	4	cp	3	53	45	*	0.01			
Yarmouth ...	29.52	51	SSE	5	z	29.67	+ .19	53	49	+ 4	SSW	4	z	3	53	43	*	-			
Loughborough ...	29.53	48	SW	2	o	29.65	+ .24	50	48	+ 1	S	2	z	*	54	45	*	0.35			
Oxford ...	29.49	54	WSW	3	cp	29.63	+ .21	52	50	+ 2	SW	3	c	*	55	44	1.0	0.06			
GERMANY, &c.	The Scaw (Skagen)	29.78	51	SW	1	z	29.90	+ .19	47	45	- 1	ESE	3	z	1	57	46	*	-		
	Fanö ...	29.78	55	ESE	2	c	29.80	+ .09	50	49	+ 1	ESE	2	r	*	64	48	*	0.04		
	Cuxhaven ...	29.71	56	N	1	o	29.80	+ .14	51	50	+ 2	W	1	r	*	63	49	*	0.04		
	The Helder ...	29.65	53	E	1	c	29.74	+ .21	51	49	- 2	SW	1	z	1	57	41	*	0.04		
	Brussels ...	29.82	50	W	1	o	29.82	+ .21	50	48	- 1	W	1	o	*	60	44	*	-		
	Berlin ...	29.73	64	E	2	z	29.79	+ .06	60	58	+ 3	E	2	c	*	70	52	*	-		
	Frankfurt ...	29.77	52	S	1	z	29.80	+ .17	52	47	0	SW	1	o	*	61	48	*	-		
	Munich ...	29.80	49	W	5	o	29.80	+ .12	46	45	- 3	W	5	o	*	68	45	*	0.04		
	C. Gris Nez ...	29.62	49	S	4	c	29.73	+ .23	48	48	0	SSW	4	z	3	55	46	*	-		
	Brest ...	29.65	53	SW	4	z	29.69	+ .14	51	50	+ 1	SW	3	z	4	55	50	*	-		
Lorient ...	29.82	55	W	7	c	29.74	+ .18	50	48	0	SW	3	c	2	57	48	*	-			
Rochefort ...	29.84	55	W	6	z	29.88	+ .21	52	50	0	SSW	3	z	*	59	48	*	-			
Biarritz ...	29.98	55	W	4	z	29.92	+ .14	51	49	+ 1	SE	3	z	3	55	46	*	0.16			
FRANCE.	Paris ...	29.71	55	WSW	3	z	29.85	+ .23	47	45	- 2	SSW	2	z	*	62	41	*	-		
	Belfort ...	29.77	50	E	3	o	29.83	+ .09	44	44	0	WSW	2	r	*	54	43	*	0.16		
	Lyons ...	29.83	48	W	2	o	29.88	+ .11	47	44	+ 4	NW	2	o	*	53	43	*	0.04		
	Nice ...	29.66	52	ENE	3	r	29.63	- .11	50	47	- 2	ENE	2	o	3	55	46	*	1.06		
	Perpignan ...	29.82	52	WNW	4	c	29.89	+ .14	54	46	- 1	NW	3	z	*	65	47	*	-		
	Corunna ...	30.15	54	WNW	2	z	30.07	- .01	58	54	+ 3	SW	5	o	*	61	54	*	-		
SPAN. PEN.	Lisbon ...	30.13	61	WSW	5	z	30.00	- .23	62	60	+ 2	WSW	5	m	5	63	59	*	-		
	Azores (P. Delgada)	30.08	62	SW	3	o	29.98	- .20	63	62	+ 2	SW	4	r	2	66	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 SATURDAY, 2ND MAY, 1903.

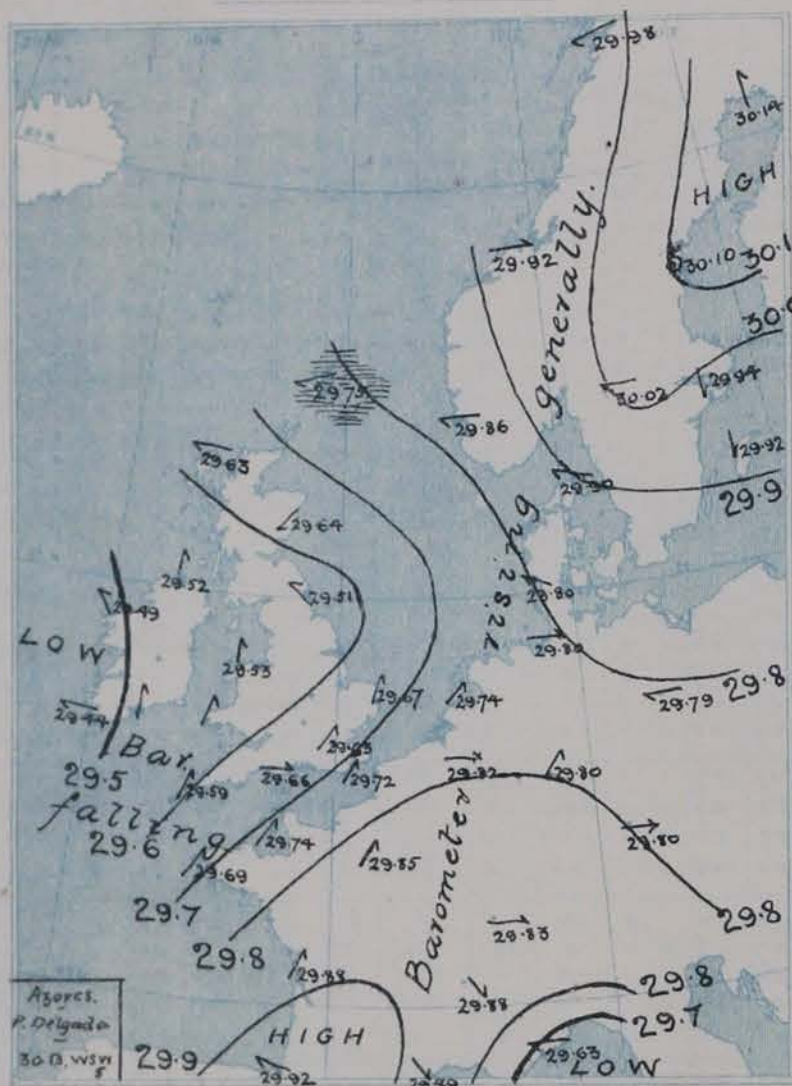
I. BAROMETER, WIND AND SEA. This Morning.

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

WIND.—Arrows show Direction and Force. Flying with the wind.

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

SEA.—Rough High

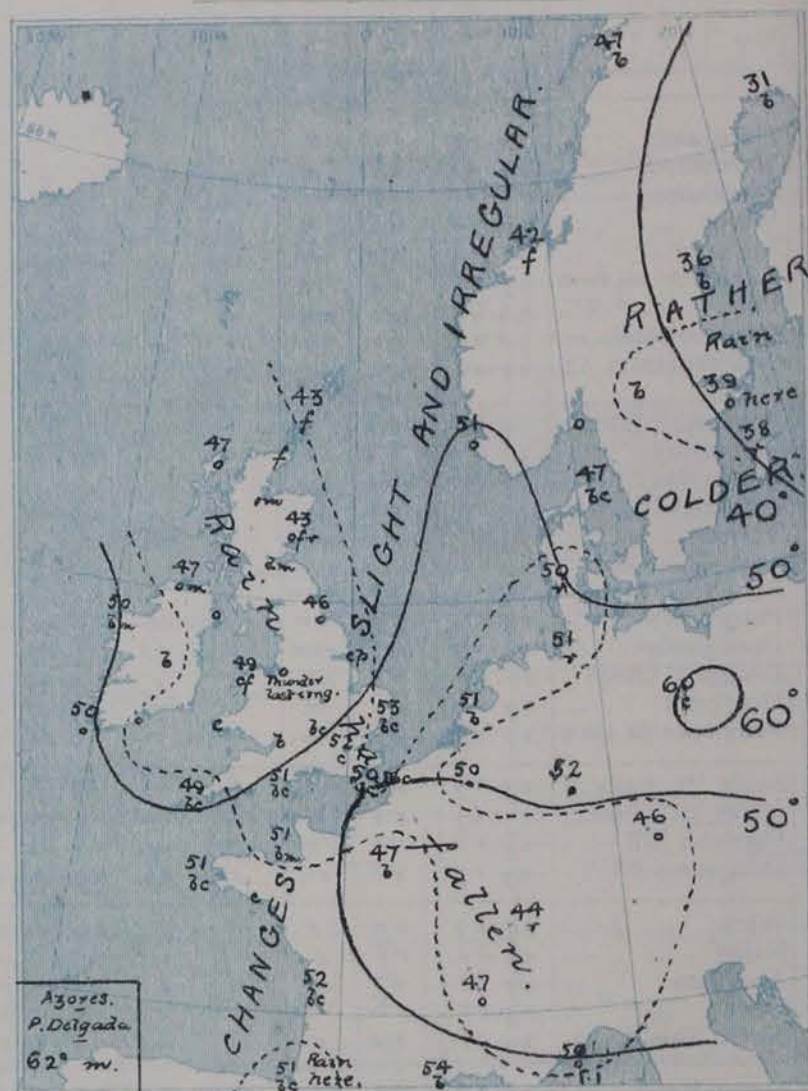


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 1.)

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—0.1



III. BAROMETER AND WIND

Yesterday morning



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen (for Stornoway) { Average N^o of Hours daily } 6.1
Total possible 16.5



V. Means of DAILY TEMPERATURE at 8 A.M. for the Two monthly period

APRIL - MAY. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A depression has travelled up the Channel during the night, and now lies with its minimum, (below 29.4 inches), over the Isle of Wight. Pressure differences over the north of England are small (maximum 29.67 ins. at Dumburgh Head). A high pressure area lies over the north of Scandinavia, and a ridge of "high" stretches southward thence, joining the Scandinavian "high" with another "high" over southeast Europe. Pressure is now rising generally, — briskly in the west of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

The winds over the north of England, to the north of the depression are light and from the Eastward. In the south they are fresh and circulate round the depression. — Westerly in the west, and Southerly or Southeasterly in the east. Westerly winds are reported from France, strong on the coast with a moderate gale at Jersey during the night. Northerly or Northeasterly winds prevail over Scandinavia. The weather is dull generally over western Europe, bright in north Germany. Rain is falling in the west of England in the rear of the depression, and also at Belfort. Temperature over our Islands has changed little since yesterday, and differs but little from the average. The Northeasterly wind has brought a fall of from 5° to 10°, to the north of Scandinavia. The sea is rather rough in the Channel and the Bay of Biscay, also at Donaghadee and Dumburgh Head; slight or smooth elsewhere.

During yesterday rain fell at all English stations except Yarmouth (maximum Pembroke 0.61 in.). No rain fell in Ireland or the west of Scotland. Between 4 and 9 hours bright sunshine are reported from most stations north of the Thames, below this limit only small amounts were recorded. Thunder was heard during the night at Naom and Dungeness.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is now rising generally, and it appears probable that the depression will fill up. Easterly winds are probable over the north of our Islands with a slight improvement in the general conditions.

FORECASTS *

For the 24 hours ending at NOON on 2nd May, 1903

DISTRICTS.

FORECASTS.

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

E^{ly} winds, moderate; fair generally cooler.

E^{ly} winds, moderate; cloudy, some rain.

S^{ly} or SE^{ly} winds, moderate or fresh; cloudy, some rain. Mild.

DISTRICTS.

FORECASTS.

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

Same as Nos. 0 and 1.


Same as Nos 2 to 4.


W^{ly} or NW^{ly} winds, fresh; some rain.

Light breezes chiefly NE^{ly}; fair generally, but 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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	6, r	52	47	9.6	0.80
Newton Reigny (Penrith)																	
Bath	29.38	52	S 3	0	29.38	0.0	50	48	0	SW 1	bc	*	-	56	46	1.5	0.25

REPORTS FOR YESTERDAY.											
STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	58	42	0, c, 0	3.6	0.02	Eastbourne to 6 pm ...	*	*	*	1.7	*
Rhyl to 6 pm	*	*	*	5.8	*	Hastings	*	*	*	3.2	*
Llandudno	*	*	*	5.8	*	Lowestoft, to 6 p.m. ...	54	45	c 0, c	7.3	-
Aberystwyth, to 6 p.m. ...	54	49	0 c	4.0	0.16	Harrogate, to 6 p.m. ...	57	39	bc, p, bc	2.7	0.20
Plymouth, to 9 p.m....	54	47	p, bc, p, p	2.6	0.29	Manchester, to 9 p.m. ...	59	46	p, bc, p, 0	3.8	0.07
Worthing	*	*	*	2.9	*	Darwen, to 9 p.m. ...	54	41	0, c, m, p, bc, m	1.9	0.14
Brighton to 6 pm	*	*	*	1.3	*	Birmingham, to 9 p.m. ...	57	45	r, c, p, 0	2.8	0.20

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

STATIONS. 30 th APRIL 1903.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	61	43	c, bc	0.08	Tunis	84	52	c, c	Ins.
Madrid	59	45	c, 0	—	Algiers	Obs ⁿ not received			—
Vienna	70	54	b, 0	—	Madeira (Funchal) ...	68	54	6	—
St. Petersburg	70	46	c, 0	—					
Trieste	64	52	r, 0	0.16					
Florence	70	53	c, c	—					
Rome	66	54	b, c	—					
Corsica (I. Sanguinaires) ...	64	48	m, m	—					
Naples	62	52	c, c	—					
Palermo	68	54	c, f	—					
Malta	65	54	c	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	1 st MAY, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.† (W.E.T.)	6 p.m.†	Yarmouth	4.24	11.50	7.16
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	4.34	11.57	7.20
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	4.20	12.9	7.58
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	5.13	12.38	8.2
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 { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

† 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, 3rd May, 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.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°				°	°	Hours.	Ins.							
SCANDINAVIA.	Haparanda ...	30.04	33	S	2	0	30.01	-13	37	31	+6	N	2	6	*	-	39	19	*	-	
	Hernösand ...	30.08	36	Z	0	0	30.04	-05	37	33	+1	Z	0	6	*	-	43	32	*	-	
	Stockholm ...	30.06	39	NNE	2	6	30.03	+09	41	39	+2	E	2	0	*	-	45	36	*	-	
	Wisby ...	30.04	39	N	2	6c	29.99	+07	42	40	+4	Z	0	0	*	-	48	37	*	-	
	Karlstad ...	30.01	49	E	2	6	29.97	-05	41	40	-1	SE	2	0	*	-	48	37	*	-	
	Färder (X'ania Fjord)	29.93	51	E	2	6	29.88	-09	45	44	-2	SE	4	7	2	-	54	45	*	0.12	
	Bodö ...	30.02	39	NNE	4	6	30.04	+06	39	36	-3	N	4	1	-	45	36	*	-		
	Christiansund ...	29.94	46	Z	0	6	29.84	-08	45	44	+3	ENE	4	0	3	-	46	42	*	-	
Skudesnaes ...	29.86	47	Z	0	7	29.79	-07	46	46	-5	SE	2	of	1	of	52	45	*	-		
BRITISH ISLANDS.	Sumburgh Head ...	29.72	45	ESE	1	0	29.67	-08	43	43	0	E	3	f	5	0	48	42	*	0.06	
	Stornoway ...	29.52	49	E	3	0	29.58	-05	46	45	-1	ESE	4	0	4	0	54	46	5.2	-	
	Malin Head ...	29.46	47	E	3	6cm	29.41	-11	46	46	-1	SE	5	7	3	6cm	50	44	*	0.02	
	Blacksod Pt. ...	29.34	53	SE	3	6	29.28	-21	50	49	0	ENE	6	opm	5	6c, 6	57	48	*	0.08	
	Valencia ...	29.11	51	E	7	7m	29.18	-26	57	48	+1	E	2	c	4	79, 7m	53	41	0.0	0.63	
	Roche's Point ...	29.23	50	SE	6	7	29.21	-30	52	50	+1	S	3	6c	4	0, 7	53	48	*	0.70	
	Parsonstown ...	29.36	52	E	1	0	29.22	-29	49	48	-1	E	2	07	*	-	59	46	6.1	0.21	
	Donaghadee ...	29.51	50	S	2	6	29.38	-15	47	47	0	ESE	5	7	4	-	52	45	*	0.05	
Liverpool Obsy. ...	29.54	52	SSE	1	6c	29.36	-19	48	47	+1	ESE	5	0	3	-	55	47	*	0.34		
Holyhead ...	29.50	53	E	1	6cm	29.29	-24	50	49	+1	SE	3	0	2	f, 6cm, 2	55	47	*	0.48		
Pembroke (St. Ann's)	29.43	51	SE	5	0	29.29	-27	50	49	+1	S	3	6cm	3	of 2	53	47	4.7	0.48		
GERMANY, &c.	Scilly (St. Mary's)...	29.33	50	SE	8	7	29.21	-38	57	49	+2	SSE	4	c	5	7m	53	47	4.6	0.66	
	Jersey (St. Aubins)...	29.57	55	SSE	4	c	29.40	-34	52	51	+1	ESE	4	7m	3	6, 9, c	56	50	9.4	0.36	
	Portland Bill ...	29.56	50	ESE	4	c	29.36	-30	51	51	0	SSE	5	c, 7	4	6c, c	55	47	*	0.35	
	Dungeness ...	29.71	51	WNW	2	6	29.58	-14	51	48	+1	S	4	c	2	6c, 6	54	49	10.6	-	
	Wick ...	29.63	44	SE	2	f	29.58	-07	44	44	0	SE	2	f	2	-	48	40	*	0.12	
	Nairn ...	29.56	48	E	3	c	29.55	-06	45	44	-2	E	1	7m	1	-	52	38	*	-	
	Aberdeen ...	29.60	44	ESE	3	f	29.60	-04	46	45	+3	ESE	2	0m	2	f, 7	46	42	0.0	0.05	
	Leith ...	29.53	46	NE	1	f	29.52	-03	45	45	0	NE	1	0m	*	-	48	41	*	0.01	
North Shields ...	29.53	51	WNW	2	7	29.51	00	46	45	0	E	3	7	3	op, 2, 7	54	44	*	0.15		
FRANCE.	Spurn Head ...	29.61	52	SSE	4	c	29.47	-11	47	46	-1	SE	5	7	4	-	57	46	*	0.05	
	Yarmouth ...	29.68	53	SSE	4	6c	29.59	-08	50	47	-3	SE	5	c	4	-	54	45	*	-	
	Loughborough ...	29.61	52	SE	2	0	29.44	-21	49	48	-1	SE	2	0	*	0, 7	58	47	*	0.34	
	Oxford ...	29.65	56	SW	2	6	29.50	-13	48	48	-4	SSE	5	7	*	7, 6c, 7	60	47	6.8	0.13	
	London (Brixton)...	29.65	56	SW	2	6	29.50	-13	48	48	-4	SSE	5	7	*	7, 6c, 7	60	47	6.8	0.13	
	The Scaw (Skagen)	29.89	50	SE	2	c	29.84	-06	46	46	-1	SE	3	7	1	-	55	45	*	0.12	
	Fanö ...	29.86	49	Z	0	7	29.80	00	48	47	-2	E	2	0	*	-	52	46	*	0.79	
	Cuxhaven ...	29.84	51	N	1	7	29.77	-03	48	47	-3	NE	1	0	*	-	54	46	*	0.32	
The Helder ...	29.77	52	SE	1	6	29.69	-05	53	51	+2	ESE	1	7m	1	-	55	48	*	-		
SPAIN, PEN.	Brussels ...	29.77	52	SE	1	6	29.66	-16	55	51	+4	SSE	2	c	*	-	63	43	*	-	
	Berlin ...	29.79	60	E	2	c	29.73	-06	57	55	-3	S	1	0	*	-	73	54	*	-	
	Frankfurt ...	29.80	50	W	1	7	29.71	-09	52	49	0	N	1	0	*	-	57	50	*	0.91	
	Munich ...	29.81	48	SW	1	0	29.75	-05	49	48	+3	SE	4	0	*	-	50	43	*	-	
	C. Gris Nez ...	29.72	52	E	3	6	29.59	-14	51	50	+3	SE	4	c	3	-	59	45	*	-	
	Brest ...	29.38	51	SE	6	7	29.29	-40	51	51	0	S	4	0	5	-	52	50	*	0.55	
	Lorient ...	29.54	50	S	6	f	29.38	-36	52	52	+2	S	4	7	4	-	59	48	*	0.59	
	Rochefort ...	29.69	56	SW	5	0	29.50	-38	55	55	+3	SSE	5	0	*	6, 0	64	48	*	0.12	
Biarritz ...	29.77	57	S	2	7	29.53	-39	62	57	+11	S	5	0	3	-	63	51	*	0.12		
SPAN. PEN.	Paris ...	29.77	57	SE	2	6	29.63	-22	50	46	+3	S	2	c	*	-	62	43	*	-	
	Belfort ...	29.78	49	ENE	3	0	29.67	-21	50	44	+3	ESE	1	6	*	-	56	41	*	0.08	
	Lyons ...	29.78	54	N	1	6c	29.67	-21	50	44	+3	ESE	1	6	*	-	59	40	*	-	
	Nice ...	29.56	53	S	1	c	29.69	+06	56	51	+6	E	1	6	1	-	59	48	*	-	
	Perpignan ...	29.93	61	SE	2	6c	29.66	-22	55	50	+1	Z	0	6c	*	-	71	45	*	-	
	Corunna ...	29.70	61	SSW	6	0	29.43	-38	55	51	-2	SSW	3	6c	3	-	63	48	*	0.43	
	Lisbon ...	29.88	58	SW	5	0	29.72	-35	58	53	0	W	5	6c	*	-	61	54	*	0.39	
	Azores (P. Delgada)	30.06	55	NW	4	6	30.09	+09	57	50	-5	NNW	4	6	3	-	64	54	*	-	
" (Horta) ...	30.12	57	NNW	3	6	30.15	+17	57	50	-6	NNW	3	c	2	-	63	55	*	-		

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 3rd MAY,

1903.

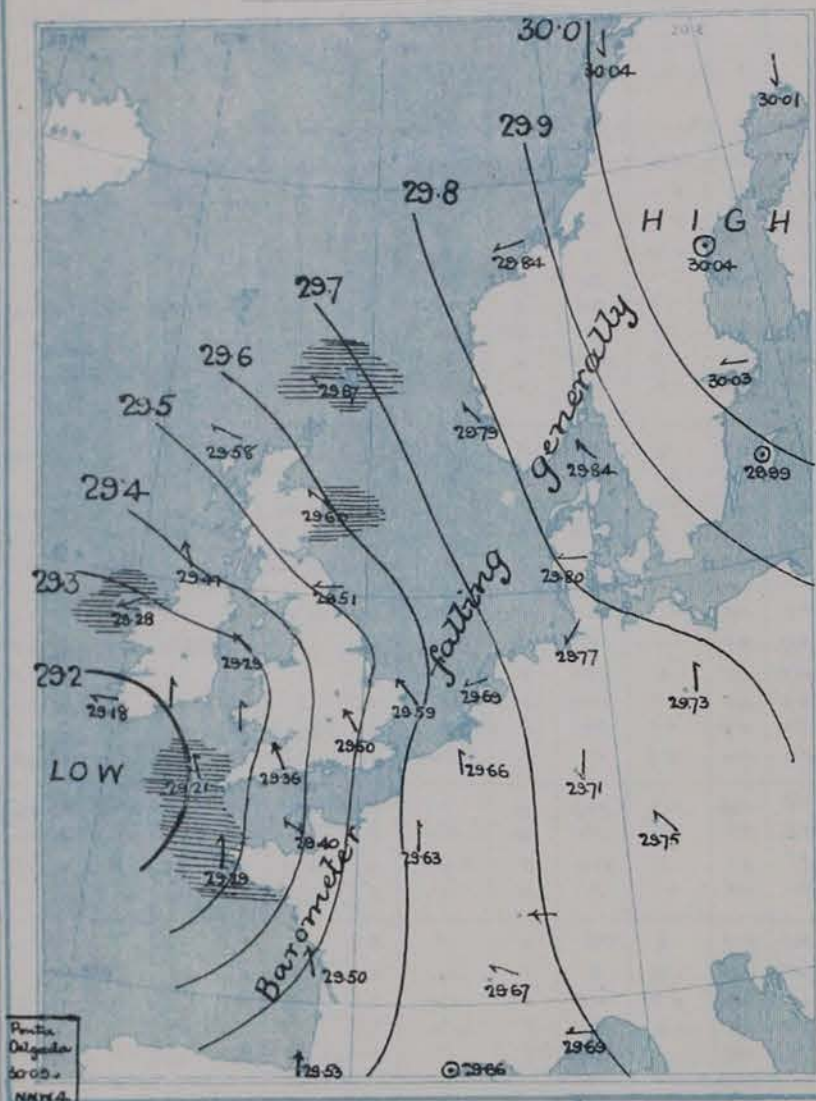
I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force about 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. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen { Average No of } 6.1
(for Stornoway) { Hours daily } Total possible 16.5



V. Means of DAILY TEMPERATURE at 8 A.M. for the Two monthly period

APRIL - MAY. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A new depression has appeared off the west coast of Ireland, (Valencia 29.44 ins.), to which the depression of yesterday, which now lies over Lancashire, forms a secondary. Pressure remains high to the north of Scandinavia, (Haparanda 30.14 ins.), and a new high pressure area has appeared over Spain (Biarritz 29.92 ins.), the two "highs" being joined by a ridge passing over Denmark. Pressure is also low over the Gulf of Genoa, (Nice 29.63 ins.).

WIND

TEMPERATURE

WEATHER

AND

SEA

Gradients are everywhere slight at present, and the wind does not exceed force 5 at any station. Southerly or southwesterly winds are reported from France, Germany, and the south of England, over Scandinavia and our northern counties it is easterly. The weather remains in a dull showery state over western Europe generally, but it is bright in northern Scandinavia and western France. Temperature differs but little from yesterday morning's readings, over our Islands readings range from 43° in the north of Scotland, to 53° at Yarmouth. Low readings are reported from Sweden, (Haparanda 31°), in the region exposed to the cold winds from the North-eastward. The sea is slight generally, but moderate in the Channel; moderate also at Lumburgh Head.

During yesterday rain fell at all our stations except those in the west of Ireland, and the extreme east of England, the maximum occurred near the path of the depression (Oxford 0.33 in.) which moved northward over England. Rain also fell over Sweden, to the west of a depression over the Baltic; 1.06 in. is reported from Nice. Between 1 and 4 hours of bright sunshine were recorded at most of our stations, but larger amounts are reported from Lowestoft and some parts of our western coasts. Temperatures ranged between 59° and 36° over our Islands. 70° was reached at Berlin.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression will probably move North-eastwards, while the secondary will continue to fill up. The winds will freshen as it advances, but there are no signs of gales at present. Showery changeable weather may be expected over our Islands generally.

FORECASTS *

For the 24 hours ending at NOON on 3rd May, 1903

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

SE¹ winds, moderate to fresh, veering to S or SW; some rain.

S² or SW² winds, moderate to fresh; showery, fair intervals. Mild.

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

SE² or S² winds, moderate; dull, some rain.


S² winds, freshening; dull, some rain.


Same as Nos 3 to 5.

S² to SW² winds, moderate or fresh; some rain.

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.	Weather.	Barometer. Ins. Change.	Dry.	Wet.	Change	Wind.	Weather.	Sea.	Wet.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall. Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	bc	*	bc	52 47	5.2	-
Newton Reigny (Penrith)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bath	29.51	49	SW 4	o	29.63 +.25	51	48	+ 1	SW 1	8	*	-	56 45	1.6	0.25

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m.	57	48	o, c, or 2, 3	4.4	0.48	Eastbourne to 6 pm	*	*	*	2.8	*
Rhyl to 6 pm	*	*	*	3.8	*	Hastings	*	*	*	2.7	*
Llandudno	*	*	*	4.2	*	Lowestoft, to 6 p.m. ...	55	46	bc, c	8.0	0.01
Aberystwyth, to 6 p.m. ...	50	47	o	0.0	0.48	Harrogate, to 6 p.m. ...	57	45	cp, c	3.0	0.24
Plymouth, to 9 p.m.	55	47	o, bc, p	1.2	0.05	Manchester, to 9 p.m. ...	59	46	v, bc, p, or	5.5	0.32
Worthing	*	*	*	2.7	*	Darwen, to 9 p.m. ...	57	44	or, 2, 3, or m	3.2	0.60
Brighton to 6 pm	*	*	*	2.5	*	Birmingham, to 9 p.m. ...	53	45	r, p, r	1.7	0.22

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

STATIONS. 1 st MAY, 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	63	50	b, o	Ins. 0.04	Tunis	84	50	c, o	Ins.
Madrid	59	37	r, c	0.08	Algiers	77	55	c, c	—
Vienna	61	43	b, m	—	Madeira (Funchal)	70	55	b, b	—
St. Petersburg	68	52	b, o	—	30 th APRIL 1903.				Measured 7 a.m.
Trieste	64	55	c, c	—	Lugano	59	—	o	1.10
Florence	71	54	o, o	—	Davos	50	—	c	0.43
Rome	69	55	b, o	—	Lucerne	63	—	c	0.16
Corsica (I. Sanguinaires) ...	64	52	m, f	—	Lausanne	52	—	bc	0.63
Naples	64	53	b, b	—					
Palermo <i>Obs. not received</i>									
Malta	71	61	bc	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, 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 { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta ...	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

2 nd MAY, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.22	11.50	7.18
Greenwich	4.32	11.57	7.22
Wick	4.18	12.09	8.0
Valencia	5.11	12.38	8.4

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.

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 *Monday, 4th May, 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.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
		At 82° and M.S.L.	Ins.	Dry Bulb.	°	Direc.	Force (0 to 12.)	Weather	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Weather.	Max.			Min.
SCANDINAVIA.	Haparanda ...	29.94	37	W	2	7	29.89	-12	34	31	-3	NNE	4	S	*	-	40	25	*	0.04		
	Hernösand ...	29.87	36	X	0	0	29.75	-29	38	37	+1	X	0	f	*	-	41	32	*	-		
	Stockholm ...	29.86	41	ESE	2	7	29.76	-27	43	42	+2	X	0	f	*	-	45	32	*	-		
	Wisby ...	29.84	43	X	0	0	29.69	-30	48	46	+6	S	2	f	*	-	48	37	*	0.16		
	Karlstad ...	29.85	44	E	2	0	29.76	-21	44	42	+3	NE	2	o	*	o,r	*	*	*	0.12		
	Færder (X'ania Fjord)	29.82	46	NE	3	0	29.73	-15	41	40	-4	NNE	4	o	2	-	46	41	*	0.32		
	Bodö ...	29.93	36	N	4	7	29.90	-14	39	36	0	ENE	4	c	2	-	39	36	*	-		
	Christiansund ...	29.82	41	NE	3	0	29.87	+03	40	37	-5	NE	4	o	4	-	45	39	*	0.12		
	Skudesnaes ...	29.78	46	Z	0	0	29.67	-12	43	42	-3	E	2	f	1	-	46	41	*	*		
	Sumburgh Head	29.68	44	E	3	m	29.66	-01	44	43	+1	NE	3	o	5	m	45	42	*	0.01		
BRITISH ISLANDS.	Stornoway ...	29.53	52	E	4	bc	29.50	-08	46	45	0	SE	4	r	4	c, bc	53	43	5.2	0.02		
	Malin Head ...	29.37	48	E	5	om	29.29	-12	46	46	0	E	5	om	3	o, om	48	46	*	0.07		
	Blacksod Pt. ...	29.31	50	ENE	6	omp	29.29	+01	50	50	0	NE	2	cm	3	o, omp	50	49	*	0.01		
	Valencia ...	29.24	53	WNW	1	omp	29.27	+09	50	48	-1	ENE	1	c	3	o, op	57	41	5.0	0.14		
	Roche's Point ...	29.26	53	ESE	3	c	29.27	+06	51	50	-1	ENE	2	o	2	c	55	48	*	0.01		
	Parsonstown ...	29.26	58	E	1	bc	29.30	+08	49	47	0	E	1	bc	*	-	60	40	5.3	0.01		
	Donaghadee ...	29.36	50	ESE	3	m	29.32	-06	46	46	-1	ESE	3	rf	3	-	52	45	*	0.26		
	Liverpool Obsy.	29.35	51	ESE	3	r	29.30	-06	46	45	-2	ESE	3	r	?	or	56	46	*	0.30		
	Holyhead ...	29.33	50	W	1	dm	29.28	-01	49	49	-1	E	1	rgm	1	o, dm	56	48	*	0.25		
	Pembroke (St. Ann's)	29.29	51	SSE	3	bc	29.26	-03	52	50	+2	E	1	ogm	3	bc, p	56	48	5.1	0.02		
GERMANY, &c.	Scilly (St. Mary's)...	29.20	52	SSE	5	bc, m	29.18	-03	51	50	0	E	4	o	5	c, bc, m	55	49	7.0	0.17		
	Jersey (St. Aubins)...	29.34	53	SE	3	og	29.26	-14	50	49	-2	ESE	4	op	3	og, mp	56	49	0.3	0.21		
	Portland Bill ...	29.34	50	SE	4	cp	29.26	-10	49	49	-2	E	3	f	4	cp	52	48	*	0.39		
	Dungeness ...	29.48	50	ESE	3	p	29.30	-28	50	50	-1	SSW	3	og	2	op	53	48	0.0	0.17		
	Wick ...	29.56	46	SE	2	f	29.58	00	44	43	0	SE	3	o	3	-	48	38	*	0.15		
	Nairn ...	29.52	49	ESE	1	o	29.50	-05	46	45	+1	ESE	2	o	1	-	57	43	*	0.06		
	Aberdeen ...	29.57	45	E	5	r	29.55	-05	43	43	-3	E	4	om	3	om	48	42	0.0	0.35		
	Leith ...	29.44	46	NE	2	o	29.44	-08	45	44	0	ENE	2	dm	*	-	49	43	*	0.11		
	North Shields ...	29.46	46	ESE	3	r	29.40	-11	45	45	-1	ENE	3	f	3	r	49	42	*	0.19		
	Spurn Head ...	29.48	49	ESE	4	o	29.30	-17	46	46	-1	ENE	4	o	3	-	50	43	*	0.30		
FRANCE.	Yarmouth ...	29.53	52	ESE	4	c	29.28	-31	49	48	-1	ENE	1	c	3	bc, c	53	45	*	0.13		
	Loughborough ...	29.41	50	SE	2	o	29.27	-17	49	48	0	X	0	org	*	-	51	47	*	0.43		
	Oxford ...	29.43	50	S	2	r	29.26	-24	51	51	+3	ESE	1	or	*	or	54	47	0.0	0.32		
	London (Brixton)...	29.43	50	S	2	r	29.26	-24	51	51	+3	ESE	1	or	*	or	54	47	0.0	0.32		
	The Scaw (Skagen)	29.76	46	NE	3	c	29.63	-21	47	46	+1	E	3	bc	1	-	50	45	*	0.04		
	Fanö ...	29.66	47	ENE	4	o	29.53	-27	49	48	+1	E	4	m	*	-	54	46	*	-		
	Cuxhaven ...	29.64	52	E	3	bc	29.47	-30	47	46	-1	E	2	f	*	bc, f	54	45	*	-		
	The Helder ...	*	*	*	*	*	29.37	-29	54	52	-1	SSW	2	o	*	-	67	53	*	-		
	Brussels ...	29.58	71	S	1	bc	29.49	-24	68	61	+11	E	2	bc	*	-	77	57	*	-		
	Berlin ...	29.50	58	S	1	bc	29.38	-33	56	53	+4	W	1	o	*	-	70	52	*	-		
SPAN. PEN.	Frankfurt ...	29.59	60	SE	2	bc	29.48	-27	57	53	+8	SE	2	c	*	-	72	43	*	-		
	Munich ...	29.59	60	SE	2	bc	29.48	-27	57	53	+8	SE	2	c	*	-	72	43	*	-		
	C. Gris Nez ...	29.49	52	S	?	r	29.31	-28	52	52	+1	S	3	o	1	-	61	48	*	0.32		
	Brest ...	29.25	54	SE	4	bc	29.13	-16	51	50	0	SE	4	c	5	-	55	50	*	-		
	Lorient ...	29.32	54	S	4	o	29.20	-18	50	50	-2	SE	4	o	5	-	59	46	*	0.51		
	Rochefort ...	29.43	54	ENE	2	r	29.33	-17	54	52	-1	S	2	o	*	o, r	59	48	*	0.12		
	Biarritz ...	29.38	66	S	4	bc	29.36	-17	59	53	-3	S	4	o	4	-	66	55	*	0.12		
	Paris ...	29.45	58	SSE	3	r	29.35	-28	52	50	+2	SSE	2	o	*	-	64	50	*	0.08		
	Belfort ...	29.47	63	ENE	3	o	29.42	-19	54	50	+9	WSW	4	o	*	-	64	45	*	-		
	Lyons ...	29.51	62	SW	3	c	29.48	-19	51	48	+1	SSW	3	o	*	-	69	48	*	0.24		

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 4TH MAY, 1903.

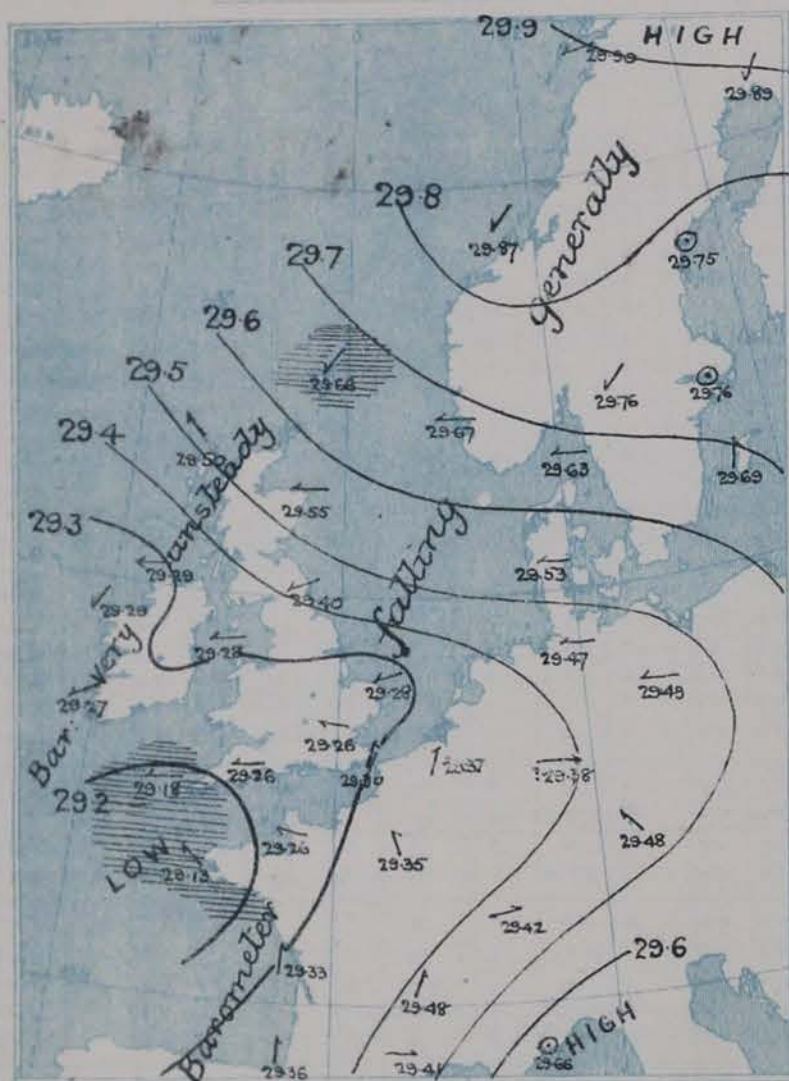
I. BAROMETER, WIND AND SEA. This Morning.

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. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen { Average N° of Hours daily } 6.1
(for Stornoway) { Total possible } 16.5



V. Means of DAILY TEMPERATURE at 8 A.M. for the Two monthly period

APRIL - MAY. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Rapid changes occurred in the distribution of pressure during yesterday. The depression which lay to the west of Ireland in the morning, moved in a southeasterly direction and the gradient became steep over our southwestern counties during the day. The lowest pressures are this morning to be found to the southwest of Ireland (Valencia 29.18ms) but the area affected by the depression has increased, so that the gradient has become less steep. Secondaries have formed over the Irish Sea and over Midland counties, and also over the Bay of Biscay. Readings remain highest in the north of Scandinavia (Haparanda 30.37).

WIND

TEMPERATURE

WEATHER

AND

SEA

The air circulation over western Europe is generally determined by the depression noticed above. The wind is S.W. and fresh over our southern counties and the west of France. Farther north it becomes S.E., and in the west of Ireland it is due E. In Sweden and eastern Germany the winds are light and variable. The weather is extremely unsettled everywhere. Rain is falling at all stations near a line drawn from Lorient to Spion Head, and also in the northeast of Ireland. Fair but cloudy weather is reported from the south of Ireland and the southeast of England. On the Continent it is dull generally, except in the southeast of France and the northeast of Scandinavia. Rain is falling in the Skager Rack. Temperature has changed little and irregularly over our Islands and remains but little different from the average. Continental temperatures have changed little, a rise of several degrees has occurred in Sweden where the E. wind has ceased. The sea is rather rough or moderate on all coasts.

During the previous 24 hours rain fell at all but a few of our extreme eastern stations (and Stornoway), the maximum fall, averaging about half an inch, occurred in the southwest near the path of the depression (Roches Point 0.70 inch). Heavy rain fell in the west of France and near Frankfurt (0.91 inch). The amount of bright sunshine varied from 10 hours at Littlestone and 9.4 hours at Jersey to an average of 2 hours at the Lancashire stations and 0.0 at Valencia and Aberdeen. Temperature over British Isles ranged between 41° at Valencia and 60° in London. At Berlin the thermometer rose to 73° and at Haparanda it fell to 19° during the night. Thunderstorms occurred at North Shields and Holyhead.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 4TH May. 1903

DISTRICTS.

FORECASTS.

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

None issued.

DISTRICTS.

FORECASTS.

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

None issued.

WARNINGS

{ At 4.45pm. yesterday to districts 8 and 10, and
{ at 7pm to part of 5 "Hoist South Cone."
{ at 9.20am. today to same districts. "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.	Weather.	Barometer.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change					Max.	Min.			
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	"	C	"	b	52	47	10.2	-
Newton Reigny (Penrith)	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Bath	29.58	49	SW 3	0	29.38	-.25	53	52	+2	S 2	r	"	-	59	49	8.5	0.39	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	57	46	20p, c, 0	3.7	0.08	Eastbourne to 6 pm ...	56	44	c, r, m, 0, c	2.1	0.49
Rhyl to 6 pm ...	58	47	20p, c, 0	3.7	0.08	Hastings ...	58	47	r, 0p, 2c	2.5	0.29
Llandudno ...	58	47	20p, c, 0	3.7	0.08	Lowestoft, to 6 p.m. <i>Not used</i>					
Aberystwyth, to 6 p.m. ...	51	47	0, c	2.0	0.08	Harrogate, to 6 p.m. ...	56	44	c, r, m, 0, c	2.1	0.49
Plymouth, to 9 p.m....	56	48	2c, 0, q, r	5.2	0.46	Manchester, to 9 p.m. ...	58	47	r, 0p, 2c	2.5	0.29
Worthing ...	58	47	20p, c, 0	3.7	0.08	Darwen, to 9 p.m. ...	53	43	0, 2, c, p, 2, 0, m, r	2.0	0.45
Brighton to 6 pm ...	58	47	20p, c, 0	3.7	0.08	Birmingham, to 9 p.m. ...	58	42	0	3.8	0.03

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

[illegible]

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	3 rd May, 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
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.	Yarmouth	4.20	11.50	7.19
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4.31	11.57	7.23
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	4.16	12.9	8.2
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	5.10	12.38	8.6
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Point Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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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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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.

DAILY WEATHER REPORT

for 8 a.m. on *Tuesday, 5th May, 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.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°				°	°	Hours.	Ins.							
SCANDINAVIA.	Haparanda ...	29.92	31	N	2	8	30.00	+ .11	32	28	- 2	NNW	2	8	*	-	41	20	*	-	
	Hernösand ...	29.93	35	Z	0	0	29.93	+ .18	33	31	- 5	E	4	0	*	-	43	33	*	-	
	Stockholm ...	29.79	42	E	2	7	29.65	- .11	43	42	0	E	6	7	*	-	52	39	*	0.12	
	Wisby ...	29.65	45	E	2	8c	29.50	- .19	51	50	+ 3	Z	0	8c	*	-	55	37	*	0.04	
	Karlstad ...	29.65	49	ENE	2	0	29.55	- .21	41	40	- 3	ENE	2	0	*	0.7	*	*	0.04		
	Færder (X'iania Fjord)	29.59	48	NE	2	0	29.46	- .27	43	41	+ 2	ENE	6	0	3	-	48	41	*	0.12	
	Bodö ...	30.02	35	ENE	2	8	30.01	+ .11	34	31	- 5	E	4	8	1	-	39	28	*	-	
	Christiansund ...	29.75	40	NNE	4	0	29.55	- .32	44	41	+ 4	ENE	3	0	3	-	45	37	*	-	
Skudesnaes ...	29.52	53	Z	0	0	29.36	- .31	50	48	+ 7	ENE	4	7	1	8.0	54	43	*	-		
BRITISH ISLANDS.	Sumburgh Head ...	29.56	43	NE	5	0	29.43	- .23	43	41	- 1	NE	6	0	6	c,0	45	41	*	-	
	Stornoway ...	29.51	47	ESE	4	0	29.40	- .10	44	43	- 2	ESE	6	7	6	0	55	39	4.2	0.21	
	Malin Head ...	29.30	45	E	5	7m	29.24	- .05	45	45	- 1	ESE	2	0	2	7,7m	48	44	*	0.45	
	Blacksod Pt. ...	29.26	51	WNW	1	0m	29.23	- .06	47	47	- 3	NE	4	7m	3	0m	53	47	*	0.02	
	Valencia ...	29.26	53	NW	2	8cm	29.25	- .02	48	47	- 2	Z	0	8	3	c,8cm	57	42	7.7	-	
	Roche's Point ...	29.25	53	NW	1	0	29.25	- .02	51	49	0	N	2	0	1	0	57	48	*	-	
	Parsonstown ...	29.23	56	NE	1	0	29.25	- .05	49	47	0	E	1	0	*	0,c,p	59	46	5.3	0.12	
	Donaghadee ...	29.29	47	NE	2	0m	29.23	- .09	46	46	0	NNW	1	0	1	0m	47	43	*	0.60	
Liverpool Obsy. ...	29.22	50	ESE	1	0	29.26	- .04	47	46	+ 1	Z	0	0	1	0m	56	45	*	0.20		
Holyhead ...	29.22	49	N	1	0m	29.24	- .04	47	47	- 2	WSW	1	f	1	omp,om	52	46	*	0.23		
Pembroke (St. Ann's)	29.22	52	N	2	8c	29.24	- .02	51	49	- 1	NNW	2	8cm	2	-	57	47	7.9	0.04		
GERMANY, &c.	Scilly (St. Mary's)...	29.20	54	ENE	3	0	29.22	+ .04	51	48	0	W	1	ow	3	c,w	55	48	4.5	0.02	
	Jersey (St. Aubins)...	29.26	53	SSE	2	7g	29.24	- .02	52	50	+ 2	SE	3	cm	3	8c,7g	59	50	4.8	0.17	
	Portland Bill ...	29.24	52	SSW	1	8	29.23	- .03	50	49	+ 1	NE	1	0	1	c,8	53	45	*	0.11	
	Dungeness ...	29.27	54	SSW	1	8	29.32	+ .02	52	50	+ 2	S	4	8c	2	8c,8	57	44	3.9	-	
	Wick ...	29.50	45	SE	3	m	29.41	- .17	43	43	- 1	SE	4	7	3	-	48	41	*	0.30	
	Nairn ...	29.47	44	E	2	0	29.34	- .16	44	44	- 2	E	3	7	2	-	49	44	*	0.29	
	Aberdeen ...	29.42	43	ENE	4	dm	29.33	- .22	44	44	+ 1	NE	4	7m	3	dm	44	42	0.0	0.60	
	Leith ...	29.34	45	NE	3	0	29.25	- .19	45	45	0	Z	0	f	*	-	45	43	*	0.42	
North Shields ...	29.27	44	NE	1	7	29.25	- .15	47	46	+ 2	SSW	2	0	3	f,7,f	47	42	*	0.24		
FRANCE.	Spurn Head ...	29.22	48	SE	1	f	29.27	- .03	47	47	+ 1	E	2	f	3	f,7	48	45	*	0.15	
	Yarmouth ...	29.24	52	SSE	3	8	29.25	- .03	52	50	+ 3	SSE	2	8c	2	8c,8	56	45	*	0.03	
	Loughborough ...	29.24	53	W	1	0	29.25	- .02	47	46	- 2	Z	0	0	*	c,8,7m	61	43	*	0.02	
	Oxford ...	29.21	61	SSE	1	8c	29.25	- .01	55	52	+ 4	E	1	0	*	p,8c,p	64	43	3.7	0.03	
	The Scaw (Skagen)	29.46	49	E	3	8c	29.32	- .31	48	47	+ 1	E	4	0	1	8c,8,7	55	46	*	0.08	
	Fanö ...	29.29	54	NNE	2	0	29.29	- .24	48	48	- 1	SW	2	f	*	c,8,7m	64	48	*	0.35	
	Cuxhaven ...	29.30	57	SW	4	0	29.33	- .14	53	52	+ 6	SW	1	8f	*	0,8,7m	59	47	*	0.08	
	The Helder ...	29.29	53	ENE	1	0	29.28	- .04	57	54	+ 2	SSW	1	8	0	-	64	48	*	-	
Brussels ...	*	*	*	*	*	29.38	+ .01	54	51	0	SSW	4	0	*	-	65	50	*	0.04		
Berlin ...	29.33	73	ESE	3	0	29.37	- .12	58	56	- 10	W	2	7	*	-	84	57	*	0.04		
Frankfurt ...	29.36	55	SW	1	8c	29.44	+ .06	54	50	- 2	SW	3	0	*	-	70	46	*	-		
Munich ...	29.43	57	NW	3	0	29.54	+ .06	52	49	- 5	SW	5	0	*	-	72	48	*	-		
SPAN. PEN.	C. Gris Nez ...	29.26	51	ENE	2	8	29.30	- .01	51	50	- 1	S	3	0	2	-	59	48	*	-	
	Brest ...	29.17	53	S	3	8c	29.26	+ .13	50	50	- 1	NNW	2	0	3	-	54	48	*	-	
	Lorient ...	29.19	54	S	3	0	29.26	+ .06	51	50	+ 1	W	5	7	6	-	59	49	*	0.12	
	Rochefort ...	29.30	55	SW	5	0	29.47	+ .14	53	52	- 1	WSW	5	0	*	c,0	61	45	*	0.07	
	Biarritz ...	29.52	56	SSW	3	0	29.63	+ .27	55	54	- 4	WSW	3	8c	4	-	63	52	*	0.08	
	Paris ...	29.30	56	S	2	8	29.40	+ .05	51	48	- 1	SW	4	0	*	-	66	48	*	0.16	
	Belfort ...	29.36	56	NE	3	0	29.52	+ .10	49	47	- 5	WSW	5	0	*	-	64	46	*	0.79	
	Lyons ...	29.43	50	WSW	2	7	29.63	+ .15	50	48	- 1	S	2	0	*	8,7m	60	44	*	0.35	
Nice ...	29.52	53	SW	1	7	29.66	+ .00	53	48	+ 2	Z	0	8c	3	-	57	45	*	0.59		
Perpignan ...	29.43	59	N	1	0	29.69	+ .28	51	49	- 6	Z	0	0	*	-	69	45	*	0.28		
SPAN. PEN.	Corunna ...																				
	Lisbon ...	29.84	55	WNW	4	0	29.78	+ .00	55	51	0	WSW	5	0	*	-	61	52	*	0.04	
"	Azores (P. Delgada)																				
"	" (Horta) ...	30.31	57	NNE	4	0	30.29	+ .02	53	48	- 4	NNE	3	0	2	-	61	53	*	-	

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.

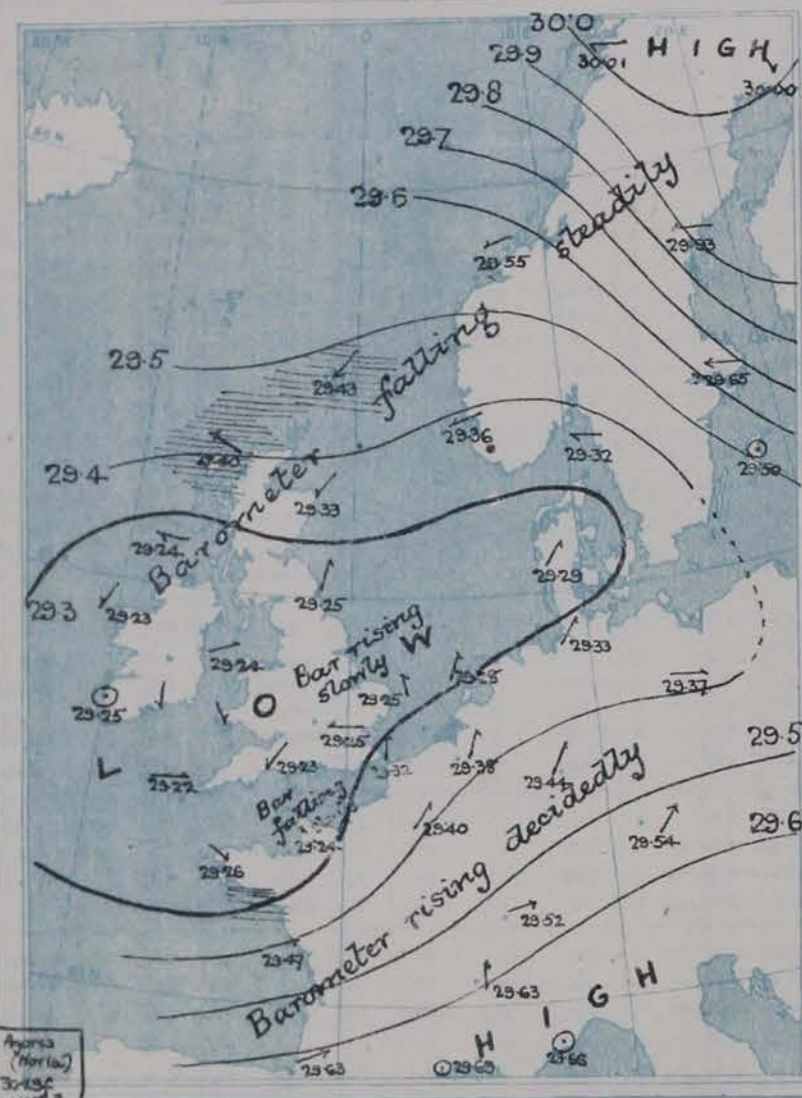
+ Observations received too late for insertion in Charts on next page.

WEATHER CHARTS

FOR TUESDAY 5th MAY, 1903.

I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Direction and Force, flying with the wind.
Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 → }
SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)
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. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen (for Stornoway) { Average No of Hours daily } 6.1
Total possible } 16.5



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

APRIL - MAY. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The centre of the depression noticed near Valencia yesterday has moved in a southeasterly direction, the lowest reading (29.13) being now reported from Bristol. It has spread to the eastward, a well marked secondary having developed over the Midland Counties. Other secondaries are shown off the Irish coast, and also in the Bay of Biscay. Relatively high readings are reported from Nice (29.66) and from Norway (Bodo 29.20).

WIND

TEMPERATURE

WEATHER

AND

SEA

The low pressure in the south causes Easterly winds generally over our Islands. In the south the gradient is very slight and the winds are consequently very light, further to the north, they are moderate or fresh. Moderate Easterly winds still prevail over Scandinavia. Light Southerly or Southwesterly winds are reported from France. The weather is dull all over Great Britain, with rain at many stations; over Ireland it is cloudy, but rain is limited to the extreme northeast. The continental stations also report dull weather as far east as Berlin, which has not yet been affected by the depression. Fog is reported on the east coast of Sweden with snow at Haparanda. Temperature over our Islands has changed little since yesterday and ranges from 52° at Pembroke to 43° at Aberdeen. On the continent readings are slightly over 50° over France, increase to 68° at Berlin and fall to 34° at Haparanda.

During yesterday the depression caused rain to fall at all our stations (.43 in. at Oxford), and also in the west of France (Lorient 0.51 in.). Rain also fell in Sweden. Five hours of sunshine were recorded at our western stations, but in the east the weather remained dull all day. (2 hrs were recorded at Blandford). The sea is rather rough at the mouth of the Channel and in the north of Scotland; slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression will probably continue to move slowly to the southeast. The secondaries over our Islands will cause dull weather to prevail generally with rain in most places. The barometer is changing very irregularly in the northwest, so that further secondaries may be expected.

FORECASTS *

For the 24 hours ending at NOON on 5TH MAY, 1902

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	E ^{ly} winds, moderate to fresh; dull, some rain.	6 { SCOTLAND WEST	Same as Nos. 0 to 2.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	E ^{ly} winds, moderate to fresh; dull, some rain.
3 { ENGLAND EAST	E ^{ly} winds, light to moderate; dull and rainy. Temperature changing little.	9 { IRELAND NORTH	Light variable winds, mainly E ^{ly} ; dull, some rain.
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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	5.2	4.8	2.1	0.12
Newton Reigny (Penrith)	*	*	*	*	*	*	*	*	*	*	*	*	*	5.5	4.8	-	0.48
Bath	29.35	53	E 3	0	29.26		51	50	- 2	NE 1	0	*	-	5.5	4.8	-	0.48

REPORTS FOR YESTERDAY.											
STATIONS.	TEMPERATURE F.		Weather. (Beaufort)	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m.	57	47	r, ocr	0.2	0.34	Eastbourne to 6 pm ...	*	*	*	0.0	*
Rhyl to 6 pm	*	*	*	1.0	*	Hastings	*	*	*	0.0	*
Llandudno	*	*	*	2.2	*	Lowestoft, to 6 p.m. ...	*	*	*	0.0	*
Aberystwyth, to 6 p.m. ...	55	49	0	1.5	-	Harrogate, to 6 p.m. ...	51	43	0 r	0.0	0.46
Plymouth, to 9 p.m.	*	*	*	0.0	*	Manchester, to 9 p.m. ...	*	*	*	0.0	0.76
Worthing	*	*	*	0.0	*	Darwen, to 7 p.m. ...	51	44	0 r, r	0.0	0.47
Brighton to 6 pm	*	*	*	0.0	*	Birmingham, to 9 p.m. ...	50	46	r, o	0.0	0.47

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

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Information ^{3rd May 1903.} not recd.					Not recd.				
Utrecht				Ins.	Tunis				Ins.
Madrid					Algiers				
Vienna					Madeira (Funchal) ...				
St. Petersburg									
Trieste									
Florence					^{2nd May 1903.} 1 p.m.			1 p.m.	Measured 7 a.m.
Rome					Lugano	48	—	r	2.60
Corsica (I. Sanguinaires) ...					Davos	37	—	s	0.24
Naples					Lucerne	45	—	r	0.63
Palermo					Lausanne	50	—	c	0.28
Malta									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.						TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.		^{4th May 1903.}			
						Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.	
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. ‡ (W.E.T.)	6 p.m. ‡	Yarmouth	4.19	11.50	7.20	
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	4.29	11.57	7.25	
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	4.14	12.9	8.4	
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	5.8	12.38	8.8	
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 (Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.					
Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.					

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.

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 Mess

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

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 6th May, 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.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.			Min.				
																			Ins.			°
SCANDINAVIA.	Haparanda ...	30.03	32	NW	2	bc	29.99	-01	31	29	-1	E	2	bc	*	-	41	23	*	-		
	Hernösand ...	29.86	30	E	8	S	29.75	-18	31	31	-2	NE	8	S	*	-	36	28	*	0.47		
	Stockholm ...	29.53	39	ENE	4	r	29.43	-22	44	44	+1	ENE	2	f	*	-	45	37	*	0.12		
	Wisby ...	29.42	57	Z	0	bc	29.48	-02	42	41	-9	Z	0	f	*	-	72	42	*	-		
	Karlstad ...	29.48	41	NE	4	0	29.49	-06	40	39	-1	NE	2	r	*	-	*	*	*	0.04		
	Færder (X'ania Fjord) ...	29.41	43	NNE	6	0	29.49	+03	39	38	-4	N	5	g	2	-	45	37	*	0.71		
	Bodö ...	29.98	34	E	6	bc	29.92	-09	35	29	+1	E	6	bc	2	-	37	30	*	-		
	Christiansund ...	29.41	47	WNW	3	0	29.48	-07	42	40	-2	WNW	3	0	3	-	52	42	*	-		
	Skudesnaes ...	29.42	47	Z	0	r	29.48	+12	45	44	-5	SW	2	r	3	0, r	50	45	*	-		
	Sumburgh Head ...	29.44	44	NE	6	0	29.51	+08	43	40	0	NE	4	c	6	c, 0	46	39	*	0.03		
BRITISH ISLANDS.	Stornoway ...	29.52	45	ENE	5	0	29.63	+23	42	38	-2	ENE	4	0	4	0	45	37	0.0	0.11		
	Malin Head ...	29.32	49	E	2	bc	29.50	+26	44	43	-1	NE	4	rm	4	c, bc	50	43	*	0.04		
	Blacksod Pt. ...	29.28	51	NE	3	bc	29.49	+26	50	50	+3	NE	4	om	3	c, bc	51	46	*	0.12		
	Valencia ...	29.29	54	WNW	1	c	29.47	+22	50	49	+2	Z	0	cm	3	c	55	44	10.2	-		
	Roche's Point ...	29.30	55	SW	3	c	29.45	+20	52	51	+1	NNW	2	omw	1	c, c	58	48	*	-		
	Parsonstown ...	29.28	57	SW	1	c	29.47	+22	51	48	+2	NNE	1	c	*	-	60	47	4.0	0.02		
	Donaghadee ...	29.32	49	N	1	0	29.47	+24	46	46	0	W	1	0	0	-	50	45	*	0.22		
	Liverpool Obsy. ...	29.30	47	NNW	1	r	29.41	+15	47	45	0	WNW	2	r	1	0, bc	53	46	*	0.60		
	Holyhead ...	29.30	48	N	1	f	29.43	+19	48	47	+1	WSW	1	ogm	1	c, f	52	45	*	-		
	Pembroke (St. Ann's) ...	29.33	51	WNW	2	bc	29.44	+20	51	50	0	S	1	cmw	2	bc, bc, m	56	48	6.1	-		
GERMANY, &c.	Scilly (St. Mary's) ...	29.31	53	WNW	1	c, g	29.41	+19	53	51	+2	SSW	1	c	3	c, c, g	55	48	2.7	-		
	Jersey (St. Aubins) ...	29.38	52	SSW	3	0	29.52	+28	49	48	-3	SSE	3	og	3	c, op	56	48	2.7	0.04		
	Portland Bill ...	29.32	51	SW	2	bc	29.49	+26	52	51	+2	SW	1	bcw	2	c, bc	55	48	*	0.06		
	Dungeness ...	29.37	52	SW	4	bc	29.55	+23	52	50	0	SW	5	bc	3	bc	56	48	7.3	-		
	Wick ...	29.46	44	E	5	0	29.53	+12	44	43	+1	E	3	0	3	-	44	40	*	0.35		
	Nairn ...	29.45	43	E	2	r	29.53	+19	43	42	-1	NE	2	0	3	-	44	40	*	0.21		
	Aberdeen ...	29.40	45	N	3	0	29.48	+15	42	41	-2	NNW	4	om	3	op	45	41	0.0	0.31		
	Leith ...	29.37	45	ENE	2	0	29.47	+22	45	43	0	NNE	1	0	*	-	46	43	*	0.01		
	North Shields ...	29.32	46	NE	2	0	29.43	+18	44	44	-3	N	3	r	4	m, o, f	51	42	*	0.22		
	Spurn Head ...	29.30	47	NE	3	f	29.41	+14	46	46	-1	N	3	0	3	f	49	44	*	0.13		
FRANCE.	Yarmouth ...	29.30	52	SSE	4	bc	29.44	+19	52	49	0	SW	4	c, g	3	bc	54	45	*	-		
	Loughborough ...	29.33	49	WSW	2	r	29.48	+23	50	49	+3	SW	2	om	*	op, bc, r	56	46	*	0.41		
	Oxford ...	29.33	49	WSW	2	r	29.48	+23	50	49	+3	SW	2	om	*	op, bc, r	56	46	*	0.41		
	London (Brixton) ...	29.29	55	SW	3	0	29.49	+24	54	49	-1	WSW	2	c	*	c, p, 0	61	49	0.7	0.24		
	The Scaw (Skagen) ...	29.33	49	S	1	f	29.47	+15	44	44	-4	NNW	3	m	1	-	52	43	*	0.28		
	Fanö ...	29.46	46	SSW	1	0	29.53	+24	50	49	+2	SSW	2	c	*	-	52	45	*	-		
	Cuxhaven ...	29.45	55	W	1	c	29.59	+26	52	50	-1	SW	3	c	*	-	64	48	*	0.16		
	The Helder ...	29.39	57	SW	1	c	29.51	+23	50	49	-7	SW	3	0	1	-	59	48	*	0.08		
	Brussels ...	*	*	*	*	*	29.62	+24	54	49	0	SSW	3	bc	*	-	62	46	*	0.08		
	Berlin ...	29.54	58	NW	2	r	29.73	+36	57	53	-1	WSW	3	bc	*	-	70	48	*	0.24		
SPAN. PEN.	Frankfurt ...	29.63	56	W	2	c	29.73	+29	54	48	0	S	1	bc	*	-	64	48	*	-		
	Munich ...	29.75	49	SW	2	bc	29.82	+28	49	46	-3	E	5	c	*	-	57	41	*	0.12		
	C. Gris Nez ...	29.37	51	SSW	2	bc	29.52	+22	49	48	-2	SSW	4	0	3	-	61	48	*	0.06		
	Brest ...	29.40	52	W	3	0	29.48	+22	49	49	-1	SW	1	0	3	-	55	48	*	0.12		
	Lorient ...	29.45	54	WSW	5	c	29.50	+24	50	50	-1	SW	3	c	4	-	57	46	*	0.24		
	Rochefort ...	29.58	56	WSW	4	bc	29.60	+13	52	50	-1	SW	3	c	*	0, bc	57	48	*	0.04		
	Biarritz ...	29.58	59	N	2	c	29.70	+07	54	54	-1	SW	4	bc	3	-	64	48	*	0.08		
	Paris ...	29.51	57	SW	4	c	29.61	+21	50	46	-1	SSE	1	0	*	-	62	41	*	0.04		
	Belfort ...	29.62	52	W	6	c	29.71	+19	49	46	0	N	2	m	*	-	63	42	*	-		
	Lyons ...	29.66	59	S	2	bc	29.70	+07	57	49	+7	S	3	0	*	-	65	50	*	0.08		
Nice ...	29.77	55	WSW	2	bc	29.91	+25	58	53	+5	SW	1	c	4	-	64	46	*	-			
Perpignan ...	29.63	59	NE	2	c	29.67	-02	59	53	+8	S	2	bc	*	-	65	50	*	-			
SPAN. PEN.	Corunna ...	29.82	53	WSW	4	bc	29.84	+06	52	48	-3	SW	3	bc	*	-	59	48	*	0.08		
	Lisbon ...	30.29	54	NW	3	0	30.24	-05	54	49	+1	NE	3	c	3	-	61	50	*	-		

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, 6TH MAY, 1903.

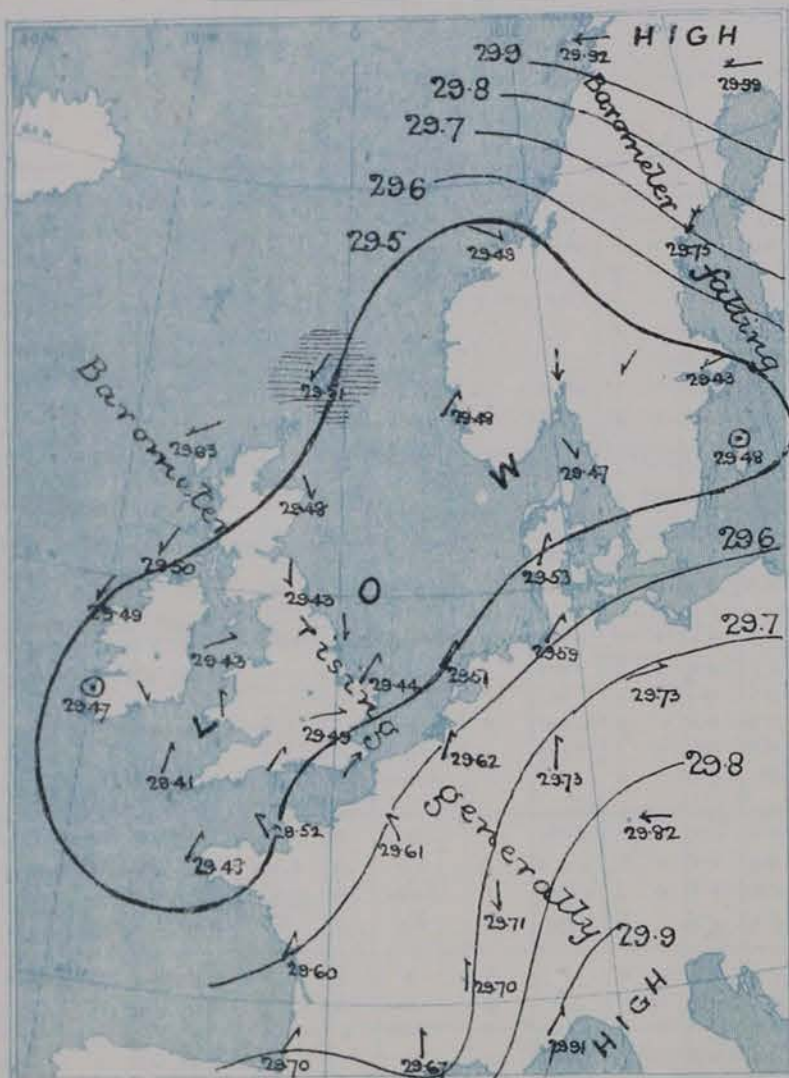
I. BAROMETER, WIND AND SEA. This Morning.

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

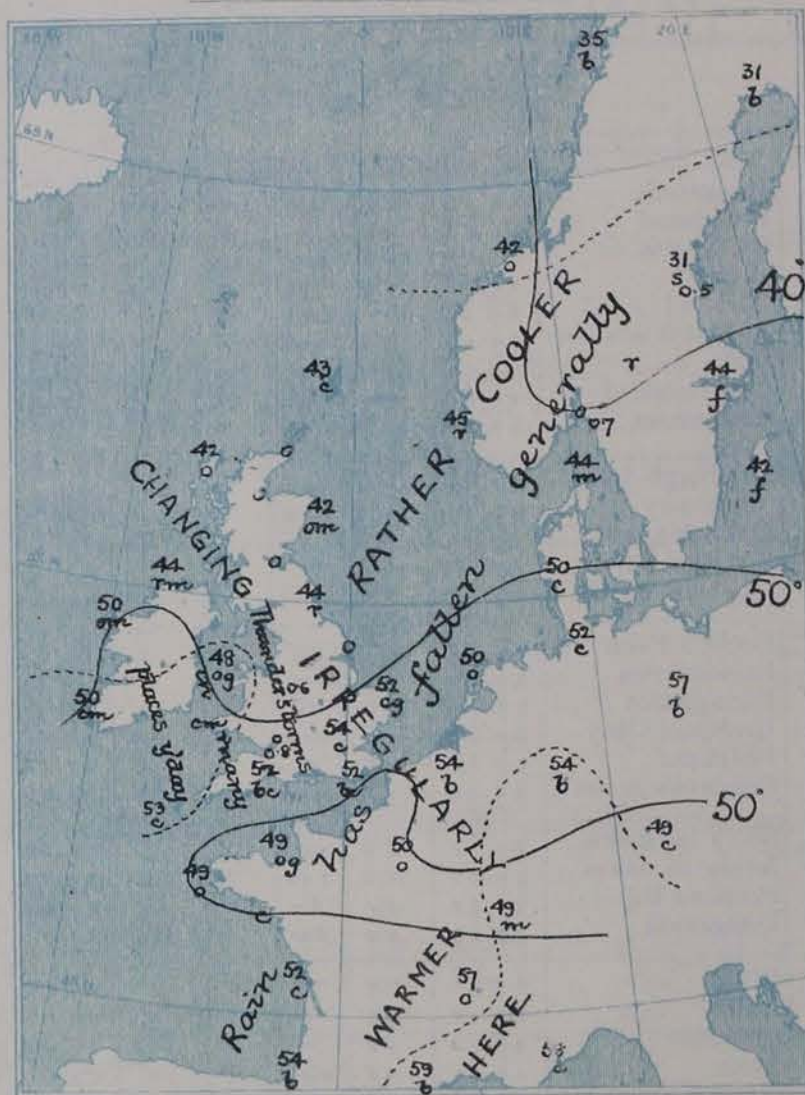


II. TEMPERATURE AND WEATHER. This Morning.

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



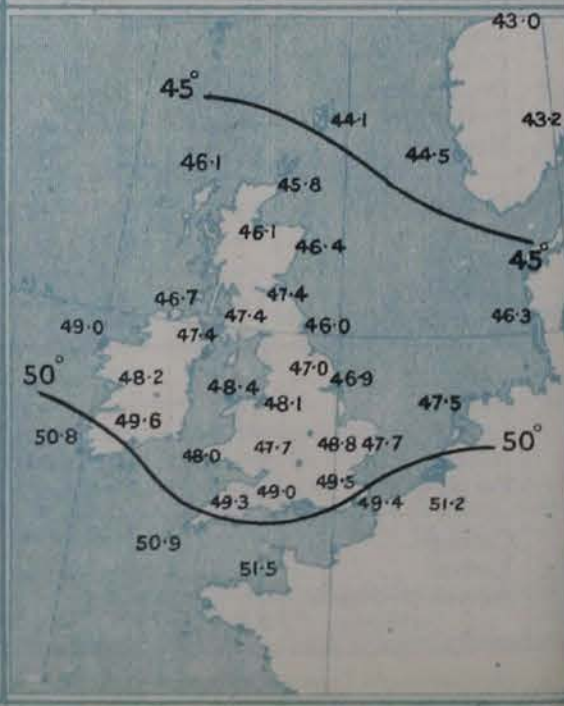
IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen { Average No of Hours daily } 6.1
(for Stornoway) { Total possible } 16.5



V. Means of DAILY TEMPERATURE at 8 A.M. for the Two monthly period

APRIL - MAY. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression which lay over our Islands yesterday has spread considerably, and pressure is now very uniform and low (between 29.2 and 29.3 ins.) over England and Ireland. The lowest readings are now to be found between Scilly and Portland. Pressure has risen in the north of Norway since yesterday morning, but it is now falling again. (Max. Bodø 30.0 ins.). The gradient over Scandinavia is at present steep. A brisk rise in the barometer has occurred in the south of France and the gradient over that country has consequently become steep.

WIND

TEMPERATURE

WEATHER.

AND

SEA

The slight gradient over England and Ireland causes the winds to be light and variable in these countries, but in Scotland and Scandinavia strong Easterly winds are blowing. Westerly or SouthWesterly winds are reported from France and Germany.

The weather is rainy in Scotland, further to the south it is fair, but generally dull; it is fine in the extreme west of Ireland. Continental stations still report cloudy or dull weather with rain in northwest France and many southern Scandinavian stations. Fine weather is reported from the high pressure areas in the extreme north of Scandinavia and south of France.

Temperature has changed little over our Islands, a slight rise has occurred in the southeast. Readings range from 43° at Wick to 55° in London.

During yesterday a maximum of 64° was reached in London, under the influence of a Southerly or South Westerly breeze. Continental temperatures are highest over Germany (Berlin 58°), are slightly over 50° in France and are low over Scandinavia (Haparanda 32°). An unusually high maximum of 84° is reported from Berlin. The sea is rough off the north coast of Scotland, slight elsewhere. During yesterday rain fell at almost all our stations, the heaviest amounts fell in the north of England and Ireland (Harrogate 1.12 in. Donaghadee 0.80 in.), over southern England rainfall was slight. No sunshine was reported yesterday from Aberdeen or the Lancashire stations, but 3 hours or more were recorded in other districts (Pembroke 7.9). Thunderstorms occurred yesterday at Oxford and also in Denmark, North Germany and Central France.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The rise of pressure over France appears to be spreading northward and will cause Southerly or Southwesterly winds over our southern districts. The depression is still spreading northward, and a slight fall in the west of Ireland points to the approach of a further disturbance from the west. The conditions are favourable to considerable rainfall in the north, and showery, changeable weather in the south.

FORECASTS*

For the 24 hours ending at NOON on 6th MAY, 1903

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	E ^{ly} winds, fresh or strong; dull, rainy.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Variable light winds, mainly E ^{ly} ; dull, some rain.
3	{ ENGLAND EAST	S ^{ly} or SW ^{ly} winds, freshening; changeable, showery. Thunder not improbable.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

6	{ SCOTLAND WEST	E ^{ly} winds, moderate; dull, some rain.
7	{ ENGLAND N.W.	Same as No. 2.
8	{ ENGLAND S.W.	W ^{ly} winds, freshening; changeable, showery.
9	{ IRELAND NORTH	Variable winds, finally S ^{ly} ; fair generally.
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 (\Uparrow), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

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

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. "	Weather.	Barometer.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	2	*	*	*	*	*	*	*	*	3	*	7.8	54	47	7.1	0.03
Bath	29.22	54	S 1	8	29.24	- .02	49	48	- 2	S 1	0	*	-	62	43	3.8	0.05

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m.	51	46	od, o	0.0	0.37	Eastbourne to 6 pm ...	*	*	*	7.2	*
Rhyl to 6 pm	*	*	*	0.0	*	Hastings	*	*	*	6.1	*
Llandudno	*	*	*	0.0	*	Lowestoft, to 6 p.m. ...	54	46	on, 8c, 8	4.7	0.14
Aberystwyth, to 6 p.m. ...	56	51	8c	8.0	0.05	Harrogate, to 6 p.m. ...	50	43	on, o	0.0	1.12
Plymouth, to 9 p.m.	59	42	8cp	4.9	-	Manchester, to 9 p.m. ...	50	45	r, ou	0.0	0.62
Worthing	*	*	*	6.2	*	Darwen, to 9 p.m. ...	48	43	onm, on	0.0	0.36
Brighton	*	*	*	6.0	*	Birmingham, to 9 p.m. ...	52	46	r, o	0.0	0.48

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

STATIONS. <i>4th May, 1903.</i>	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	66	52	0, 0	Ins.	Tunis	73	55	bc, c	Ins.
Madrid	61	44	0, 0	0.04	Algiers	82	61	c, c	—
Vienna	77	52	c, b	?	Madeira (Funchal) <i>Not recd.</i>				—
St. Petersburg	46	27	b, 0	—					
Trieste	68	57	0, 0	—					
Florence	71	52	0, c	—	<i>3rd May, 1903.</i>	<u>1 p.m.</u>		<u>1 p.m.</u>	Measured 7 a.m.
Rome	63	48	b, b	—	<i>Obsns. not received.</i>				
Corsica (I. Sanguinaires) ...	64	50	f, m	—	Lugano		—		
Naples	58	50	b, b	0.28	Davos		—		
Palermo	73	47	b, f	—	Lucerne		—		
Malta	66	60	?, bc	—	Lausanne		—		

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	5 ²² May, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡	Yarmouth	4.18	11.50	7.22
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.	Greenwich	4.28	11.57	7.26
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	4.12	12.9	8.6
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	5.6	12.38	8.9
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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 " Weekly " " " £1 10 0 " "

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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 *Thursday, 7th May, 1903.*
 Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, Secretary.

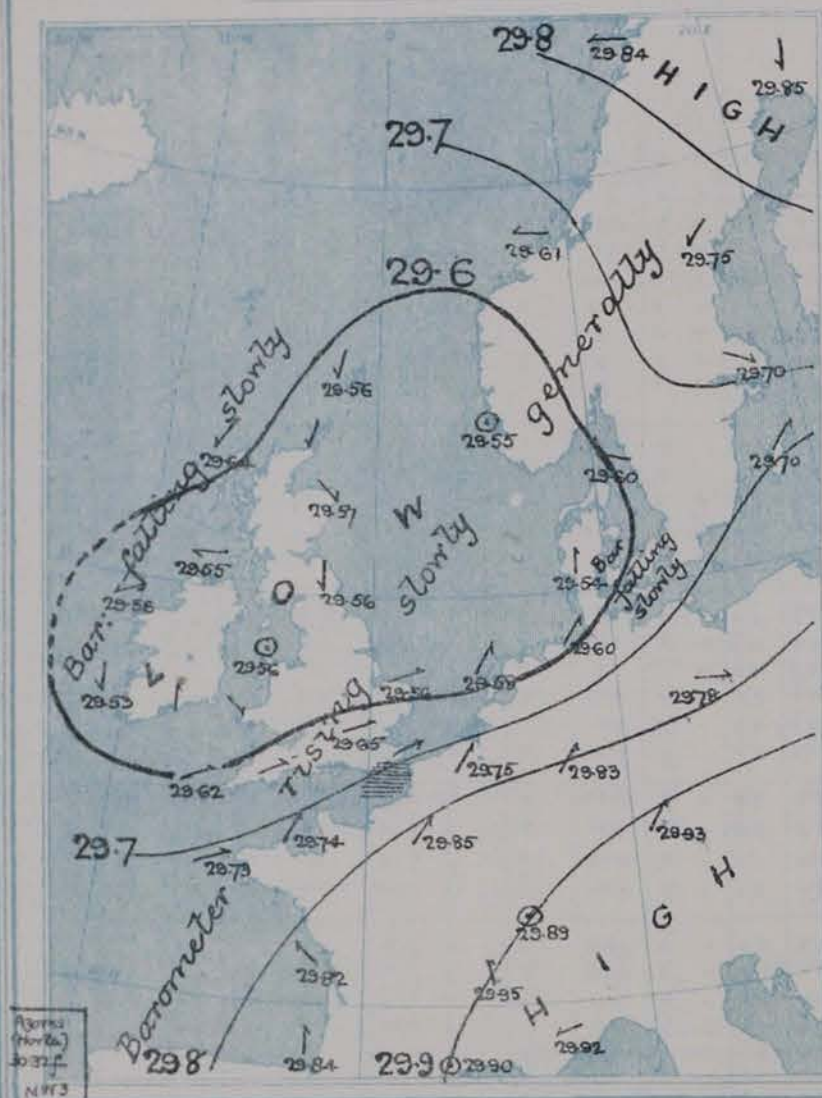
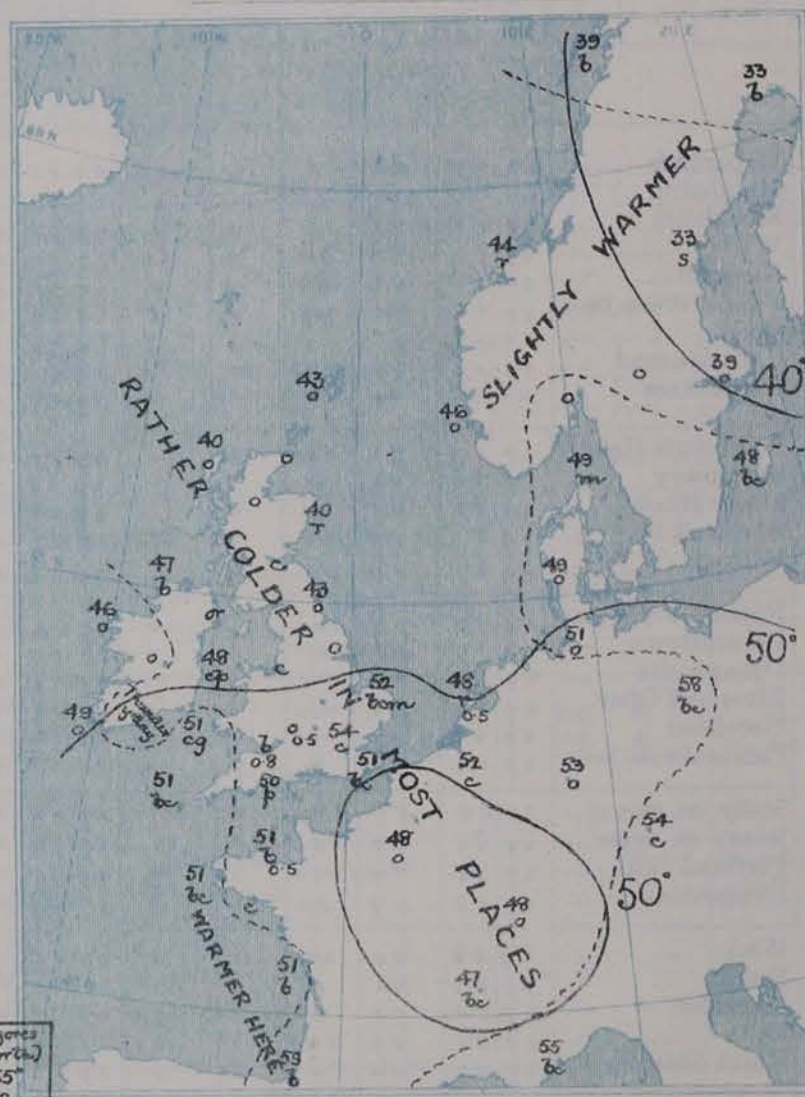
STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.			Max.	Min.				
																					Ins.	°
SCANDINAVIA.	Haparanda ...	29.77	34	E	2	0	29.85	- .14	33	31	+ 2	N	4	2	*	-	39	25	*	-		
	Hernösand ...	29.69	31	NE	2	S	29.75	0.00	33	33	+ 2	NE	2	S	*	-	33	30	*	0.24		
	Stockholm ...	29.57	42	X	0	T	29.70	+ .27	39	37	- 5	WNW	2	0	*	-	46	37	*	0.20		
	Wisby ...	29.61	50	SW	2	80	29.70	+ .22	48	45	+ 6	SW	2	80	*	-	63	41	*	-		
	Karlstad ...	29.60	42	NNW	2	T	29.70	+ .21	42	41	+ 2	NNW	2	0	*	-	*	*	*	0.12		
	Färder (X'ania Fjord) ...	29.60	42	NE	1	0	29.64	+ .15	42	40	+ 3	NE	2	0	1	-	43	37	*	-		
	Bodö ...	29.76	36	E	6	80	29.84	- .08	39	35	+ 4	E	4	80	1	-	39	34	*	-		
	Christiansund ...	29.57	42	ENE	2	80	29.61	+ .13	44	41	+ 2	E	3	*	-	46	42	*	-			
	Skudesnaes ...	29.55	45	X	0	0	29.55	+ .07	46	46	+ 1	X	0	0	0	0	46	45	*	-		
	Sumburgh Head ...	29.57	42	NNE	3	0	29.56	+ .05	43	39	0	NNE	3	c	†	c, o	47	37	*	0.01		
BRITISH ISLANDS.	Stornoway ...	29.66	45	E	4	T	29.64	+ .01	40	37	- 2	NE	2	0	2	0, r	50	35	4.0	0.06		
	Malin Head ...	29.56	45	NE	4	c	29.55	+ .05	47	45	+ 3	E	1	80	2	0, c	47	41	*	0.03		
	Blacksod Pt. ...	29.57	49	NE	4	80	29.56	+ .07	46	44	- 4	ENE	2	c	2	80	51	44	*	-		
	Valencia ...	29.55	54	NW	2	c	29.53	+ .06	49	47	- 1	N	2	0	3	c	55	47	3.8	-		
	Roche's Point ...	29.53	54	NNW	3	0	29.54	+ .09	52	51	0	S	1	0	0	c, o, r	59	48	*	0.04		
	Parsonstown ...	29.51	53	N	1	0	29.54	+ .07	48	46	- 3	ENE	1	0	*	-	57	45	2.9	-		
	Donaghadee ...	29.54	46	NNE	3	0, r	29.56	+ .09	45	44	- 1	E	3	0, r	3	-	50	42	*	0.10		
	Liverpool Obsy. ...	29.50	46	WNW	1	0	29.57	+ .16	46	45	- 1	NW	2	c	2	0, p	49	44	*	0.12		
	Holyhead ...	29.49	47	NNE	1	d, p, f	29.56	+ .13	48	47	0	X	0	c, p	0	r, d, p, f	49	44	*	0.09		
	Pembroke (St. Ann's) ...	29.50	52	W	4	80	29.58	+ .14	51	50	0	WNW	5	c, p	4	-	55	47	4.8	-		
GERMANY, &c.	Scilly (St. Mary's) ...	29.55	51	W	4	80	29.62	+ .21	51	49	- 2	WSW	4	80	3	c, 80	57	48	9.1	-		
	Jersey (St. Aubins) ...	29.60	49	SSW	3	c	29.74	+ .22	51	49	+ 2	SW	3	80	3	r, c, w	51	46	0.6	0.52		
	Portland Bill ...	29.54	50	WSW	2	c	29.65	+ .16	50	50	- 2	WSW	2	f	2	c	56	48	*	0.01		
	Dungeness ...	29.55	49	SW	4	T	29.70	+ .15	51	50	- 1	WSW	1	80	4	0, r, g	56	47	4.3	0.10		
	Wick ...	29.58	44	NE	3	0	29.58	+ .05	42	40	- 2	NNE	2	0	2	-	47	38	*	-		
	Nairn ...	29.57	43	E	3	T	29.59	+ .06	41	39	- 2	ENE	2	0	2	-	47	38	*	0.01		
	Aberdeen ...	29.53	43	N	4	0, g, p	29.57	+ .00	40	39	- 2	NW	4	T	3	0, g, p	46	39	0.0	0.11		
	Leith ...	29.51	47	ENE	1	0	29.57	+ .10	46	43	+ 1	NE	1	c	*	-	49	42	*	0.04		
	North Shields ...	29.47	44	N	3	T	29.56	+ .13	43	41	- 1	N	3	0	3	T	45	40	*	0.23		
	Spurn Head ...	29.47	46	NNE	2	0	29.56	+ .15	45	44	- 1	X	0	0	3	-	49	44	*	0.03		
FRANCE.	Yarmouth ...	29.47	53	S	4	c	29.56	+ .12	52	50	0	WSW	4	80, c, m	3	80, c	58	47	*	0.15		
	Loughborough ...	29.52	50	WSW	1	0	29.63	+ .15	51	49	+ 1	SW	3	0	*	c, p, r, h	58	47	*	0.50		
	Oxford ...	29.51	52	SW	2	0	29.65	+ .16	54	51	0	WSW	1	c	*	c, o, r	61	48	3.2	0.18		
	London (Brixton) ...	29.51	52	SW	2	0	29.65	+ .16	54	51	0	WSW	1	c	*	c, o, r	61	48	3.2	0.18		
	The Scaw (Skagen) ...	29.58	46	SE	1	0	29.60	+ .13	49	48	+ 5	ESE	1	m	0	-	49	43	*	-		
	Fanö ...	29.62	46	S	2	80	29.54	+ .01	49	48	- 1	S	4	0	*	-	55	46	*	-		
	Cuxhaven ...	29.62	58	X	0	80	29.60	+ .01	51	49	- 1	SW	4	0	*	-	61	48	*	-		
	The Helder ...	29.50	52	ENE	1	c	29.58	+ .07	49	48	- 1	SW	4	T	2	-	57	48	*	0.51		
	Brussels ...	*	*	*	*	*	29.75	+ .13	52	49	- 2	SW	4	c	*	-	66	46	*	0.20		
	Berlin ...	29.71	61	SE	3	80	29.78	+ .06	58	53	+ 1	W	3	80	*	-	70	52	*	0.04		
SPAN. PEN.	Frankfurt ...	29.75	56	S	2	0	29.83	+ .10	53	49	- 1	SW	3	0	*	-	68	48	*	0.04		
	Munich ...	29.78	59	SW	2	80	29.93	+ .11	54	50	+ 5	SW	3	c	*	-	70	45	*	-		
	C. Gris Nez ...	29.54	48	SW	2	T	29.69	+ .17	49	49	0	SW	5	0	5	-	57	46	*	0.28		
	Brest ...	29.63	54	SW	3	80	29.73	+ .25	51	49	+ 2	WSW	2	80	2	-	57	49	*	-		
	Lorient ...	29.66	55	W	3	c	29.74	+ .24	52	52	+ 2	WSW	4	c	3	-	57	48	*	0.64		
	Rochefort ...	29.76	55	SW	4	80	29.82	+ .22	51	50	- 1	SE	3	80	2	-	57	48	*	-		
	Biarritz ...	29.79	60	SW	4	c	29.84	+ .14	59	52	+ 5	S	1	80	2	-	66	52	*	0.04		
	Paris ...	29.69	54	SW	3	80	29.85	+ .24	48	46	- 2	SW	2	0	*	-	61	48	*	0.08		
	Belfort ...	29.81	49	WSW	4	0	29.89	+ .18	48	44	- 1	X	0	0	*	-	59	43	*	0.12		
	Lyons ...	29.82	53	WSW	1	T	29.95	+ .25	47	44	- 10	SSE	1	80	*	-	62	44	*	0.32		
SPAN. PEN.	Nice ...	29.91	54	S	2	c	29.92	+ .01	55	52	- 3	ENE	1	80	0	-	66	46	*	-		
	Perpignan ...	29.69	67	S	3	0	29.90	+ .23	55	52	- 4	X	0	0	*	-	74	46	*	-		
SPAN. PEN.	Corunna ...																	*	-			
	Lisbon ...																	*	-			
SPAN. PEN.	Azores (P. Delgada) ...																	*	-			
	" (Horta) ...	30.23	55	NNE	4	80	30.32	+ .08	55	49	+ 1	NW	3	0	2	-	61	54	*	-		

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.

FOR THURSDAY 7TH MAY, 1903.

I. BAROMETER, WIND AND SEA: *This Morning.*II. TEMPERATURE AND WEATHER. *This Morning,*

III BAROMETER AND WIND

Yesterday morning



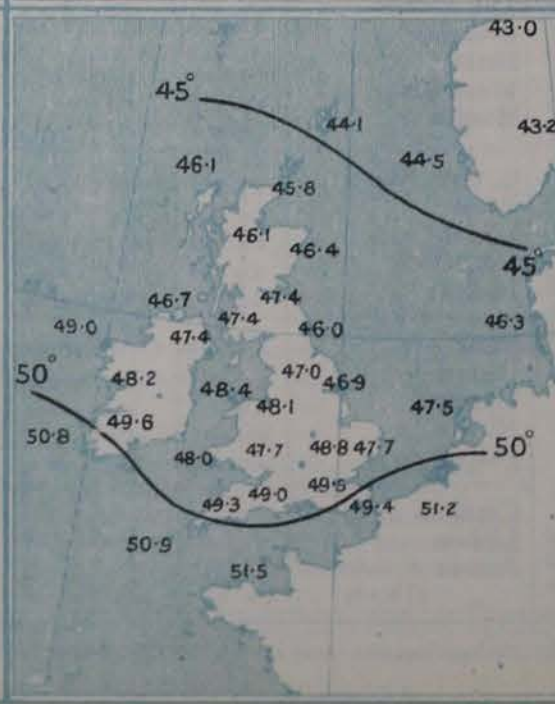
IV. Means of Daily Recorded BRIGHT
SUNSHINE (1881-1900), together
with Means of possible Duration
for MAY

Specimen (for Stornoway)	$\left\{ \begin{array}{l} \text{Average } N^{\circ} \text{ of} \\ \text{Hours daily} \\ \text{Total possible} \end{array} \right\}$	6.1 16.5
-----------------------------	---	-------------



V. Means of DAILY TEMPERATURE
at 8 A.M. for the Two monthly period

APRIL - MAY. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer has risen generally throughout our area, but the type of the distribution of pressure remains unchanged. The 29.50 isobar embraces England, Ireland, the extreme northwest of France and Southern Scandinavia, and within this area pressure is very uniform (minimum 29.41), three distinct centres of low pressure being shown, one over the Bristol Channel, a second over south Lancashire, and a third over the North Sea. Pressure has decreased slightly in the north of Scandinavia (Haparanda 29.99) but the gradient is still steep here. Readings of over 29 inches are also reported from the south of France.

WIND

The winds over our Islands remain Northeasterly in the north, Southwesterly in the south, and variable in the Midland districts; they are light generally but fresh on the outskirts of the uniform pressure area mentioned above. The steep gradient over Scandinavia still causes Easterly or Northeasterly winds in the north of that country (gale at Hernörand). Moderate or fresh Southwesterly winds are reported from France and Germany.

TEMPERATURE

Weather and temperature conditions are very similar to those of yesterday, cloudy and unsettled weather over our Islands with rain at several northern stations. Over France and Germany the conditions have improved, fine weather being reported at most of the eastern and southern stations. Rain or snow is falling in the low pressure area over southern Scandinavia, but it is fine at Bodö and Haparanda.

WEATHER

Temperatures over our Islands range from 42° at Stromoway and Aberdeen to 54° in London. On the Continent the highest reading is 53° at Perpignan and the lowest 31° at Haparanda and Hernörand. The sea is slight or smooth generally but still rather rough off the north of Scotland.

AND

SEA

During yesterday a maximum of 61° was reached in London. On the Continent 70° is reported from Berlin where high readings have been the rule for the last few days. At Haparanda the thermometer fell to 23° in consequence of nocturnal radiation. The distribution of rainfall over our Islands yesterday was very irregular. The maximum (1.81 inch) is reported from Bath, the smallest amounts fell in the south of Ireland and the extreme southwest and southeast of England. Sunshine also varied irregularly, 10 hours are reported from Lowestoft and Valencia, 0.0 hours in Scotland. Thunderstorms are reported by many of our stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

No great change in the present conditions is to be expected. A general rise of the barometer is usually accompanied by a slight improvement. Showers are still probable all over the country with thunderstorms locally.

FORECASTS*

For the 24 hours ending at NOON on 7TH MAY, 1903

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	NE ^{ly} winds, moderate or fresh; drizzle, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	N ^{ly} and Variable winds; drizzle, some rain.
3	ENGLAND EAST	SW ^{ly} winds, light or moderate; showers, bright intervals.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	Variable light winds; some rain.
8	ENGLAND S.W.	Same as Nos. 3 to 5.
9	IRELAND NORTH	Same as Nos. 0 and 1.
10	IRELAND SOUTH	Light variable winds; fair, but showers still probable.
		GENERAL. Thunderstorms are probable locally.

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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	Sc	"	B, Sc	56	49	9.1	-
Bath	29.28	52	S 1	0	29.48	+ .24	51	49	+ 2	SW 1	0	"	-	56	48	0.5	0.81

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	53	46	o, r, or	0.0	-	Eastbourne to 6 pm ...	0	0	*	3.8	*
Rhyl to 6 pm ...	*	*	*	5.5	*	Hastings ...	*	*	*	3.4	*
Llandudno ...	*	*	*	5.5	*	Lowestoft, to 6 p.m. ...	56	45	30, c	10.3	-
Aberystwyth, to 6 p.m. ...	51	46	om	3.0	-	Harrogate, to 6 p.m. ...	52	42	oc, or	0.3	0.20
Plymouth, to 9 p.m....	57	47	3cp	2.2	0.05	Manchester, to 9 p.m. ...	57	46	op, 30, 22	1.2	0.05
Worthing ...	*	*	*	4.8	*	Darwen, to 9 p.m. ...	55	44	or 22, omu	0.0	0.21
Brighton ...	*	*	*	5.1	*	Birmingham, to 9 p.m. ...	56	46	o	0.1	0.15

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

STATIONS. 5 th May, 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	64	45	c, r	Ins.	Tunis	77	50	0, 0	Ins.
Madrid	Not rec ^d			—	Algiers	75	59	bc, c	—
Vienna	73	52	c, 0	—	Madeira (Funchal) Not rec ^d				
St. Petersburg	50	37	0, 0	—					
Trieste	? 61	52	0, c	0.24	4 th May, 1906.				
Florence	67	54	0, bc	0.28	1 p.m.			1 p.m.	Measured 7 a.m.
Rome	66	57	0, b	0.04					
Corsica (I. Sanguinaires) ...	63	52	f, f	—	Lugano	54	—	r	0.12
Naples	63	54	0, 0	—	Davos	54	—	c	—
Palermo	84	55	bc, 0	—	Lucerne	64	—	0	—
Malta	73	66	?, c	—	Lausanne	61	—	b	0.04

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	6 ²³ May 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. ‡ (W.E.T.)	6 p.m. ‡	Yarmouth	4.16	11.50	7.24
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	4.26	11.57	7.28
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	4.10	12.9	8.8
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	5.5	12.38	8.10
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 { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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" Weekly	"	"	£1 10 0	"	Single Copies, 6d.
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DAILY WEATHER REPORT

for 8 a.m. on

Friday, 8th May,

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.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.			Min.					
																			Ins.			°	°
SCANDINAVIA.	Haparanda ...	29.95	32	N	2	8	30.06	+21	34	29	+1	NE	2	0	2	-	43	25	*	-			
	Hernösand ...	29.92	33	X	0	0	30.01	+26	34	31	+1	NE	6	0	2	-	37	30	*	-			
	Stockholm ...	29.80	40	ENE	4	7	29.84	+14	38	37	-1	NNE	2	7	2	-	48	37	*	0.28			
	Wisby ...	29.73	48	X	0	8c	29.81	+11	43	42	-5	X	0	0	2	-	57	43	*	0.04			
	Karlstad ...	29.76	43	NE	2	0	29.85	+15	39	38	-3	ENE	2	0	2	0.7	*	*	*	0.24			
	Färder (X'ania Fjord) ...	29.69	45	NE	4	7	29.82	+18	42	41	0	ENE	3	0	2	-	46	41	*	0.08			
	Bodö ...	29.91	39	E	4	8	30.01	+17	37	34	-2	E	4	7	2	-	43	32	*	-			
	Christiansund ...	29.69	47	SSW	1	0	29.78	+17	46	44	+2	SE	2	0	3	-	48	43	*	0.04			
	Skudesnaes ...	29.65	47	X	0	7	29.74	+19	46	45	0	X	0	7	1	r.f.	48	45	*	-			
	Sumburgh Head ...	29.62	45	NNE	2	0	29.70	+14	45	43	+2	NNE	1	0	3	8c,c	48	41	*	-			
BRITISH ISLANDS.	Stornoway ...	29.66	46	ESE	2	0	29.79	+15	44	40	+4	ESE	2	0	2	0	49	36	5.1	-			
	Malin Head ...	29.57	46	E	5	0	29.64	+09	45	45	-2	ESE	4	0m	3	0	47	45	*	0.02			
	Blacksod Pt. ...	29.52	50	NE	4	0	29.56	00	50	49	+4	E	4	7	3	8c,c	51	46	*	-			
	Valencia ...	29.48	54	S	2	0	29.44	-09	50	47	+1	ENE	4	0	4	0	56	45	3.0	0.06			
	Roche's Point ...	29.55	53	SW	3	0	29.48	-06	52	50	0	SSE	5	0	3	0	55	48	*	0.08			
	Parsonstown ...	29.52	53	E	1	0	29.56	+02	50	48	+2	SE	2	0	2	0	55	41	0.3	0.10			
	Donaghadee ...	29.60	48	SE	3	0	29.68	+12	50	49	+5	SE	3	7c	3	-	52	43	*	0.05			
	Liverpool Obsy. ...	29.62	48	X	0	0	29.70	+13	45	44	-1	SE	3	f	7	0.7	52	42	*	0.05			
	Holyhead ...	29.59	50	S	1	0	29.65	+09	52	50	+4	E	1	0	1	0,c	52	43	*	-			
	Pembroke (St. Ann's) ...	29.61	50	SSW	4	8c	29.55	-03	51	49	0	SE	6	0	5	8c,p	55	48	2.7	0.03			
GERMANY, &c.	Scilly (St. Mary's) ...	29.58	54	SSE	4	0	29.45	-17	54	51	+3	S	5	0	4	0,c	57	49	11.1	0.13			
	Jersey (St. Aubins) ...	29.73	53	SSE	2	8c	29.65	-09	53	50	+2	SE	3	7c	3	0,8c,w	59	47	10.8	0.01			
	Portland Bill ...	29.71	51	WSW	2	8c	29.65	00	52	50	+2	E	2	7c	2	8c	55	46	*	0.01			
	Dungeness ...	29.77	52	SW	5	8c	29.75	+05	50	48	-1	ENE	4	7	2	8c,w	55	46	10.3	0.02			
	Wick ...	29.65	45	N	3	0	29.75	+17	44	42	+2	N	3	7	2	-	47	37	*	-			
	Nairn ...	29.64	45	E	1	0	29.76	+17	44	43	+3	E	1	0	1	-	52	41	*	-			
	Aberdeen ...	29.65	43	NNW	2	0	29.76	+19	45	42	+5	SW	4	0	2	0,c	46	39	0.0	0.03			
	Leith ...	29.62	48	ENE	1	0	29.75	+18	45	42	-1	ENE	1	0	2	-	53	40	*	-			
	North Shields ...	29.63	45	NE	2	0	29.74	+18	45	44	+2	E	3	0	3	0,c	45	41	*	-			
	Spurn Head ...	29.65	45	NE	3	0	29.75	+19	46	46	+1	E	3	0	3	-	46	44	*	0.09			
FRANCE.	Yarmouth ...	29.64	53	W	4	0.7c	29.72	+16	50	48	-2	WSW	2	8c,m	2	0,0.7c	58	43	*	0.16			
	Loughborough ...	29.71	50	SSW	1	7	29.71	+08	49	47	-2	S	1	0	2	0	59	41	*	0.10			
	Oxford ...	29.70	51	W	4	7	29.71	+06	47	45	-7	ENE	1	0	2	0	58	40	2.9	0.24			
	London (Brixton) ...	29.70	51	W	4	7	29.71	+06	47	45	-7	ENE	1	0	2	0	58	40	2.9	0.24			
	The Scaw (Skagen) ...	29.63	49	SE	1	m	29.76	+16	48	47	-1	W	1	m	0	-	52	46	*	0.08			
	Fanö ...	29.75	45	WSW	2	0	29.81	+27	48	46	-1	SSW	1	0	2	-	50	45	*	0.04			
	Cuxhaven ...	29.75	50	W	2	0	29.84	+24	53	50	+2	SSW	2	7	2	-	54	43	*	0.24			
	The Helder ...	29.72	50	SW	3	8	29.78	+20	55	55	+6	SSW	1	7	0	-	55	39	*	-			
	Brussels ...	29.74	52	X	0	0	29.74	-01	52	47	0	ENE	1	0	2	-	60	46	*	-			
	Berlin ...	29.84	57	NW	3	8	29.90	+12	55	51	-3	SE	1	7	2	-	66	46	*	0.04			
SPAN. PEN.	Frankfurt ...	29.85	53	SW	1	8	29.76	-07	51	45	-2	NE	1	0	2	-	66	46	*	-			
	Munich ...	29.93	53	SE	1	8	29.74	-19	55	51	+1	E	5	0	2	-	61	45	*	-			
	C. Gris Nez ...	29.75	53	SW	3	8	29.69	00	49	47	0	ENE	3	0	2	-	57	45	*	-			
	Brest ...	29.68	54	S	4	0	29.56	-17	52	50	+1	S	4	0	4	-	56	50	*	0.12			
	Lorient ...	29.74	54	SSW	3	8	29.62	-12	52	51	0	SW	4	7c	4	-	59	48	*	0.04			
	Rochefort ...	29.74	59	WSW	3	8c	29.71	-11	53	52	+2	SW	2	0	2	8,8c	64	48	*	-			
	Biarritz ...	29.78	60	S	1	0	29.79	-05	56	52	-3	WSW	4	0	2	-	64	52	*	-			
	Paris ...	29.78	56	SE	1	8	29.69	-16	49	49	+1	NNE	1	0	2	-	66	46	*	0.12			
	Belfort ...	29.80	59	WSW	2	0	29.71	-18	49	48	+1	W	3	7	2	-	64	48	*	-			
	Lyons ...	29.80	60	ESE	1	0	29.77	-18	51	49	+4	X	0	7	2	-	67	47	*	0.04			
Nice ...	29.84	57	ENE	1	0	29.78	-14	52	52	-3	SSW	1	7	3	-	66	52	*	0.16				
Perpignan ...	29.76	58	SE	2	0	29.77	-13	55	49	0	W	2	0	2	-	64	53	*	-				
SPAN. PEN.	Corunna ...																						
	Lisbon ...																						
	Azores (P. Delgada) ...																						
	(Horta) ...	30.35	56	NW	1	0	30.29	-03	54	50	-1	X	0	0	2	-	63	54	*	-			

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.

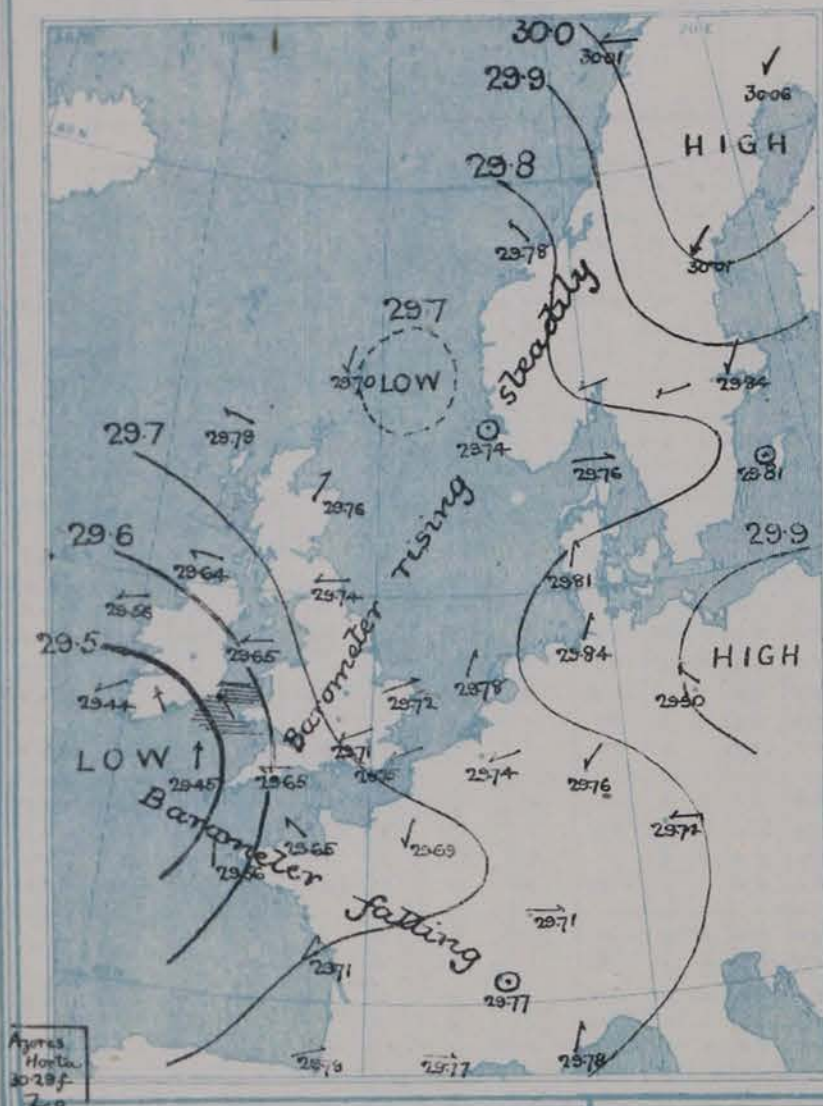
WEATHER CHARTS

FOR Friday 8th May, 1903.

I. BAROMETER, WIND AND SEA, This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Direction and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 → }
Sea—Rough High

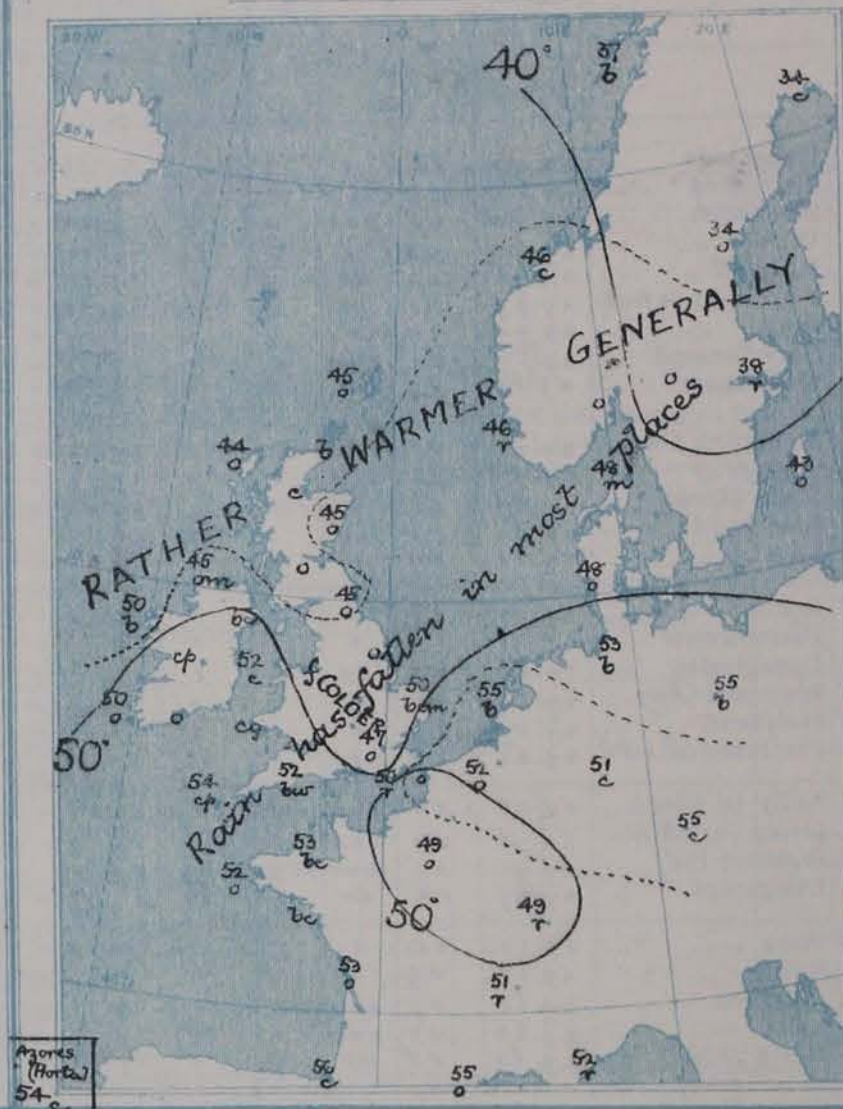


II. TEMPERATURE AND WEATHER, This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See D. 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. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen (for Stornoway) { Average N° of Hours daily } 6.1
Total possible 16.5



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

A large but shallow cyclonic disturbance still lies over the United Kingdom, the North Sea and western Scandinavia, but it is slowly filling up, readings being everywhere above 29.50. The barometer has fallen in the North of Scandinavia (Bodo 29.84) so that the gradient over that country has become much less steep. Pressure has increased over France, the highest reading recorded this morning being 29.95 at Lyons. A slight fall of the barometer is reported from the west coast of Ireland; this probably means that the shallow disturbance covering our Islands extends some distance over the Atlantic.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind circulates round the depression and is Easterly or Northeasterly over the north of the United Kingdom and southern Scandinavia. Over the south of England, and France and Germany it is Westerly or Southwesterly, becoming Southerly over Denmark. Gradients being slight, it is generally moderate or fresh in intensity. The weather remains unsettled and cloudy; it is fine in the southeast of our area and the north of Scandinavia.

Temperature (ranging from 40° in the north to 54° in London) has not changed appreciably in England; but most Scotch and northern Irish stations report slightly lower temperatures today than yesterday. On the continent temperature remains low in Norway (Aparanda 33°), highest at Berlin 58° and Biarritz 59°. Readings are below 50° over central France.

The sea is slight generally but the fresh Westerly winds have caused it to be moderate in the eastern parts of the Channel.

A maximum temperature of 61° was recorded in London yesterday, the minimum reading in the British Isles was 35° at Stornoway. Readings were again high at Berlin (70°). Rain fell at most of our stations, but none was recorded in the extreme west of Ireland or southwest of England, the heaviest rainfall again occurred at Bath (.84) very near the rainless area. No sunshine was recorded in the northwest of England or at Aberdeen, the largest amount was 3.1 hrs. at Lillie. Thunder occurred yesterday at Roches Point.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

No decided changes are indicated at present, the depression will probably continue to fill up, but the slight fall in the west appears to show that a change of type is not to be expected at present.

FORECASTS *

For the 24 hours ending at NOON on 8TH MAY, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	NE ^{ly} winds, moderate; dull or cloudy, some rain. Remaining cool.	6 { SCOTLAND WEST	Same as Nos. 0 and 1.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	Same as No. 2.
2 { ENGLAND N.E.	Light N th or Variable breezes; dull or cloudy, some rain. Remaining cool.	8 { ENGLAND S.W.	W th winds, moderate or fresh; fair, showers still probable.
3 { ENGLAND EAST	SW th to W th winds, moderate or fresh; changeable, some showers.	9 { IRELAND NORTH	Wind chiefly E ^{ly} , light; some rain.
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	Light variable winds; showery.
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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	80	*	80, r	59	48	5.6	0.16
Bath	29.51	53	SW 1	o	29.63	+ .15	52	50	+ 1	S 2	8	*	-	59	45	1.2	0.84

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	49	45	o r, o	0.0	0.54	Eastbourne to 6 pm ...	*	*	*	1.4	*
Rhyl to 6 pm	*	*	*	0.0	*	Hastings	*	*	*	1.9	*
Llandudno	*	*	*	0.0	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	55	51	c m	8.0	-	Harrogate, to 6 p.m. ...	52	43	o m r	0.0	0.22
Plymouth, to 9 p.m....	57	48	b c	7.4	0.12	Manchester, to 9 p.m. ...	50	45	r, o x, p	0.0	0.34
Worthing	*	*	*	3.0	*	Darwen, to 9 p.m. ...	49	42	o m r, o	0.0	0.31
Brighton to 6 pm	*	*	*	1.8	*	Birmingham, to 9 p.m. ...					

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

STATIONS. <i>6th May, 1903.</i>	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	63	48	b c, o	Ins.	Tunis	81	54	o, b c	Ins.
Madrid	63	55	c, c	0.08	Algiers	73	59	c, o	—
Vienna	68	45	r, b c	—	Madeira (Funchal) <i>Not recd.</i>				
St. Petersburg	50	43	o, o	0.67					
Trieste	66	55	b c, o	—					
Florence	68	51	b, o	—					
Rome	69	49	b, o	—					
Corsica (I. Sanguinaires) ...	64	50	f, m	—					
Naples	67	54	b, b	—					
Palermo	72	54	f, f	—					
Malta	72	50	? , b	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, 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 { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

<i>7th May 1903.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.14	11.49	7.25
Greenwich	4.24	11.56	7.29
Wick	4.7	12.8	8.10
Valencia	5.3	12.37	8.11

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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, 9th May,

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.	Sea (0 to 9.)	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)				Max.	Min.		
	Ins.	°					Ins.	Ins.	°	°							°	°		
SCANDINAVIA.	Haparanda ...	30.19	30	NE	2	δ	30.22	+ .16	32	27	- 2	N	2	δ	*	-	39	27	*	-
	Hernösand ...	30.12	33	Z	0	0	30.13	+ .12	35	31	+ 1	Z	0	0	*	-	36	32	*	-
	Stockholm ...	29.99	40	ENE	2	0	30.04	+ .20	44	40	+ 6	NE	2	0	*	-	44	34	*	0.04
	Wisby ...	29.93	39	NNE	2	0	29.91	+ .10	41	41	- 2	NNE	2	f	*	-	50	36	*	-
	Karlstad ...	29.98	44	NE	2	c	30.05	+ .20	42	40	+ 3	ENE	2	0	*	-	*	*	*	-
	Færder (X'ania Fjord) ...	29.87	45	ENE	2	0	29.99	+ .17	43	41	+ 1	E	2	0	2	-	45	41	*	0.04
	Bodö ...	30.02	37	E	4	δ	29.98	- .03	41	37	+ 4	E	4	δ	1	-	41	34	*	-
	Christiansund ...	29.86	46	WSW	1	r	29.89	+ .11	46	44	0	WSW	1	r	2	-	46	45	*	0.08
	Skudesnaes ...	29.84	45	S	4	0	29.92	+ .18	45	44	- 1	Z	0	0	2	-	46	43	*	-
	Sumburgh Head ...	29.76	44	NE	1	r	29.83	+ .13	45	45	0	NE	1	r	4	r	47	42	*	0.02
BRITISH ISLANDS.	Stornoway ...	29.82	50	ESE	3	0	29.93	+ .14	43	42	- 1	ENE	3	op	3	δ, 0	52	36	9.7	0.07
	Malin Head ...	29.71	48	E	5	om	29.81	+ .17	47	46	+ 2	E	3	δcm	3	c, om	51	45	*	0.02
	Blacksod Pt. ...	29.62	51	ESE	5	om	29.76	+ .20	50	50	0	NE	5	om	4	c, om	55	49	*	0.40
	Valencia ...	29.51	53	SSE	2	c	29.66	+ .22	47	45	- 3	E	1	r, v	3	p, c	54	46	1.2	0.27
	Roche's Point ...	29.55	52	SSE	5	0	29.66	+ .18	48	48	- 4	E	3	or	1	c, p, 0	54	45	*	0.22
	Parsonstown ...	29.60	53	ESE	1	r	29.71	+ .15	48	47	- 2	NE	1	om	*	c, p	59	45	6.4	0.13
	Donaghadee ...	29.70	50	ENE	3	c	29.81	+ .13	46	45	- 4	ENE	4	c	4	-	53	44	*	0.01
	Liverpool Obsy. ...	29.67	56	ESE	3	δc	29.78	+ .08	44	42	- 1	E	3	0	?	f, δcm	58	44	*	0.01
	Holyhead ...	29.66	52	S	1	c, p, r	29.73	+ .08	46	45	- 6	E	5	om	4	c, p, r, p, t	58	45	*	0.12
	Pembroke (St. Ann's) ...	29.59	49	E	6	c	29.68	+ .13	51	49	0	SSE	4	δc	3	-	56	47	1.3	0.35
GERMANY, &c.	Scilly (St. Mary's) ...	29.53	53	S	3	c, p	29.63	+ .18	52	50	- 2	SSE	3	c	4	c, p	55	50	8.8	0.15
	Jersey (St. Aubins) ...	29.68	53	SE	2	c, p	29.74	+ .09	51	49	- 2	SSE	4	δcm	3	c, c, p	58	48	8.9	0.09
	Portland Bill ...	29.64	50	ESE	4	δc	29.70	+ .06	51	50	- 1	ESE	1	c	1	δ, δc	55	46	*	-
	Dungeness ...	29.70	50	ENE	3	0	29.76	+ .01	48	47	- 2	ENE	3	m	2	r, o, f	52	39	0.8	0.31
	Wick ...	29.78	48	N	2	δ	29.87	+ .12	46	44	+ 2	N	3	δc	2	-	53	35	*	-
	Nairn ...	29.78	49	E	1	δc	29.89	+ .13	44	43	0	Z	0	c	1	-	55	41	*	-
	Aberdeen ...	29.80	46	N	2	δ	29.89	+ .13	46	43	+ 1	NW	3	c	2	δc, δ	53	35	2.5	-
	Leith ...	29.77	48	ENE	2	0	29.86	+ .11	49	46	+ 4	ENE	1	δ	*	-	50	42	*	-
	North Shields ...	29.77	46	ENE	2	δc	29.84	+ .10	43	42	- 2	ENE	2	r	3	c, δc	49	41	*	0.06
	Spurn Head ...	29.67	46	ENE	3	0	29.75	0.00	43	43	- 3	NE	4	r	4	-	49	43	*	0.95
FRANCE.	Yarmouth ...	29.69	49	NNE	4	c, g, m	29.71	- .01	48	47	- 2	E	5	or, g	4	o, c, g, m	53	44	*	0.62
	Loughborough ...	29.72	48	ESE	1	δ	29.73	+ .02	50	47	+ 1	E	1	0	*	-	57	45	*	-
	Oxford ...	29.69	51	ESE	2	c	29.73	+ .02	51	48	+ 4	Z	0	c	*	od, og	56	45	0.0	-
	London (Brixton) ...	29.69	51	ESE	2	c	29.73	+ .02	51	48	+ 4	Z	0	c	*	-	56	45	0.0	-
	The Scaw (Skagen) ...	29.89	48	Z	0	m	29.91	+ .15	48	46	0	ESE	3	0	1	-	54	46	*	-
	Fanö ...	29.83	46	NW	2	δ	29.83	+ .02	51	49	+ 3	E	3	δ	*	-	57	45	*	-
	Cuxhaven ...	29.76	58	NNE	2	δ	29.77	- .07	49	48	- 4	E	3	0	*	-	59	48	*	-
	The Helder ...	29.70	52	ENE	3	c	29.72	- .06	50	49	- 5	NE	1	r	1	-	57	48	*	0.39
	Brussels ...	29.70	58	*	*	*	29.76	+ .02	53	51	+ 1	SW	2	δ	*	-	61	45	*	0.04
	Berlin ...	29.71	60	NNE	4	0	29.63	- .27	52	50	- 3	NNE	3	r	*	-	66	52	*	0.04
SPAN. PEN.	Frankfurt ...	29.66	52	S	1	r	29.75	- .01	55	51	+ 4	W	1	δc	*	-	64	50	*	0.28
	Munich ...	29.70	48	W	7	r	29.86	+ .12	52	48	- 3	W	7	δ	*	-	64	46	*	0.12
	C. Gris Nez ...	29.67	49	ENE	3	c	29.74	+ .05	46	46	- 3	S	1	f	1	-	54	43	*	0.36
	Brest ...	29.61	52	SW	3	δc	29.65	+ .09	50	47	- 2	S	2	c	3	-	55	46	*	-
	Lorient ...	29.66	55	SW	4	0	29.69	+ .07	50	50	- 2	SW	4	c	*	-	59	46	*	0.04
	Rochefort ...	29.76	58	W	2	δc	29.78	+ .07	52	49	- 1	SSE	1	c	*	δ, δc	64	46	*	0.16
	Biarritz ...	29.78	58	SW	2	r	29.82	+ .03	57	49	+ 1	S	4	δc	2	-	66	56	*	0.04
	Paris ...	29.69	59	SW	1	δ	29.82	+ .13	46	45	- 3	S	2	r	*	-	62	41	*	0.08
	Belfort ...	29.71	48	SW	5	r	29.84	+ .13	49	47	0	WSW	1	m	*	-	60	42	*	0.20
	Lyons ...	29.79	55	N	1	δc	29.88	+ .11	52	47	+ 1	S	1	0	*	-	63	41	*	0.04
SPAN. PEN.	Nice ...	29.74	55	WSW	4	δc	29.89	+ .11	57	48	+ 5	Z	0	δ	3	-	61	48	*	0.32
	Perpignan ...	29.79	61	SE	2	δ	29.86	+ .09	52	52	- 3	Z	0	0	*	-	71	45	*	-
SPAN. PEN.	Corunna ...																			
	Lisbon ...																			
SPAN. PEN.	Azores (P. Delgada) ...																			
	„ (Horta) ...	30.30	55	NNE	3	δ	30.25	- .04	54	50	0	NNE	1	0	2	-	63	52	*	-

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 9TH MAY, 1903.

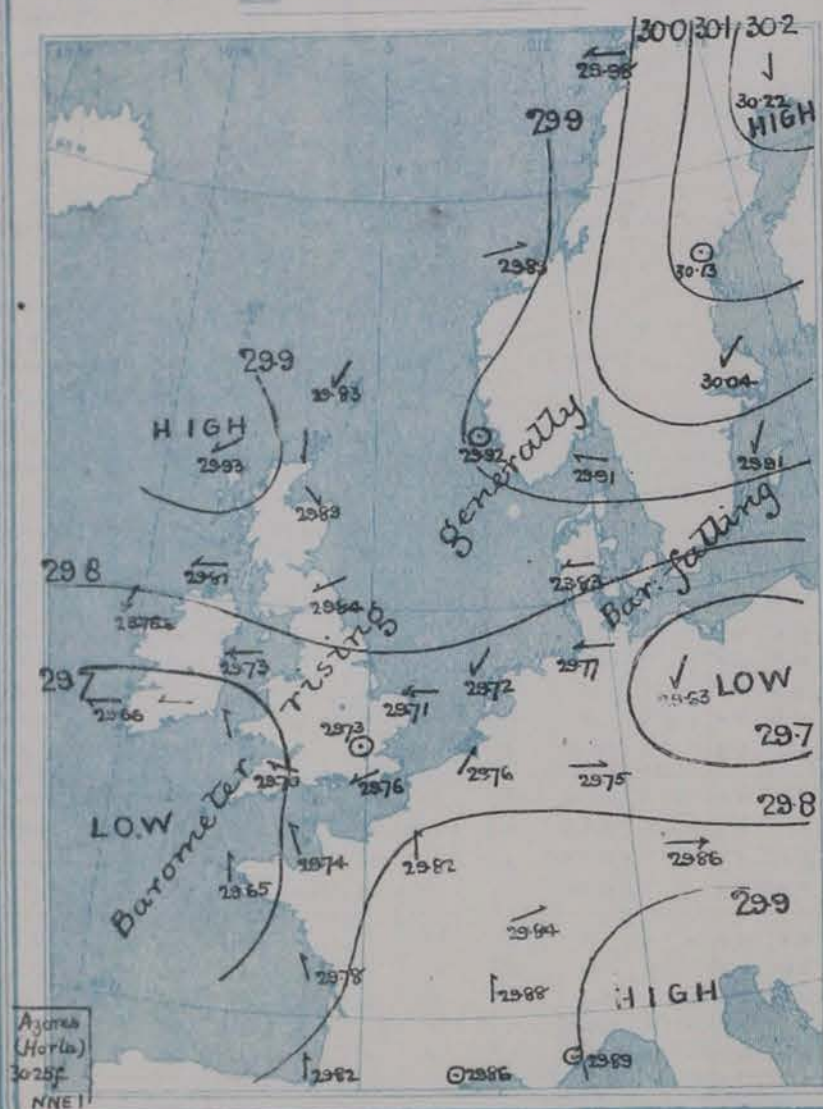
I. BAROMETER, WIND AND SEA. This Morning.

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 5 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. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen (for Stornoway) { Average No. of Hours daily } 6.1
{ Total possible } 16.5



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

A fresh disturbance has appeared to the southwest of our Islands since yesterday morning, the lowest readings being at present reported from Scilly and Valencia (29.44). The shallow low pressure system which formed the chief feature of yesterday's map still covers the North Sea and south of Scandinavia and has spread over France and western Germany. The high pressure in the north of Scandinavia has increased somewhat in intensity (Haparanda 30.06) and has spread southward.

WIND

TEMPERATURE

WEATHER

AND

SEA

In the west of our area the wind shows a cyclonic circulation round the new depression, it is Southerly over the west of France, Southeasterly in the southwest of England, Easterly over Ireland, and is blowing fresh over this area. In the east of England it is light and generally Easterly, a small secondary situated between Scotland and Norway causes Northerly winds in the extreme north. Over France and Germany the wind is light and variable in direction. The high pressure to the north of Scandinavia causes fresh Easterly winds to blow over that country.

The weather has improved over our Islands generally and is now fine at a considerable number of stations, the new depression is causing showers at several western stations. The secondary disturbances over France have brought dull weather to that country with rain in the southeast, a secondary over northern France being also responsible for rain in the extreme southeast of England. Similar unsettled weather prevails over southern Scandinavia, but it is fine in the high pressure area in the extreme north and at Copenhagen.

Temperature has risen slightly at most of our northern stations, but the fine night in the south has been followed by rather lower readings this morning than yesterday. (North Scotland 44°, Scilly 54°). On the Continent readings range from 56° at Biarritz to 34° at Haparanda and Hernösand.

During yesterday the weather was showery generally in the south of England (max. rainfall .24 inch in London). Very little rain fell in the north. Bright Sunshine varied considerably, 11 hours were recorded at Scilly. Lightning was seen at Falmouth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression is spreading in a southeasterly direction, but the rise of the barometer at Scilly since 7 am. today does not indicate any rapid motion in this direction. The Secondaries over the North Sea are filling up and an improvement in the weather may consequently be expected in the north. In the south and east the new disturbance will probably cause some rain to fall.

FORECASTS *

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

DISTRICTS.

FORECASTS.

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

NE^{ly} or E^{ly} winds, light or moderate; fair generally.

E^{ly} winds, light or moderate; fair generally, some rain probable locally.

E^{ly} winds, moderate; fair at first, some rain later.

DISTRICTS.

FORECASTS.

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


Same as Nos. 0 to 2.


S^{ly} to SE^{ly} winds, fresh; dull, some rain.

E^{ly} winds, moderate to fresh; fair in the north, some rain in the 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.	Weather.	Barometer.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	b, c	59	44	7.1	-
Bath	29.67	52	SW 1	b	29.67	+ .04	51	48	- 1	S 1	b	*	-	59	42	5.8	0.15

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m. ...	55	46	on, op, od	1.1	0.12	Eastbourne to 6 pm ...	*	*	*	9.1	*
Rhyl to 6 pm	*	*	*	1.8	*	Hastings	*	*	*	9.1	*
Llandudno	*	*	*	1.1	*	Lowestoft, to 6 p.m. ...	60	47	oc, b, r, o	3.2	0.37
Aberystwyth, to 6 p.m. ...	55	49	oc	4.0	0.20	Harrogate, to 6 p.m. ...	48	41	or, co	0.0	0.07
Plymouth, to 9 p.m. ...	56	48	b, op	7.4	0.01	Manchester, to 9 p.m. ...	53	45	r, o, u, f, b, c	0.0	0.41
Worthing	*	*	*	10.5	*	Darwen, to 9 p.m. ...	52	41	om, r, om	0.0	0.19
Brighton	*	*	*	10.4	*	Birmingham, to 9 p.m. ...	56	46	c, r, c	3.7	0.43

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

STATIONS. <i>7th May, 1908</i>	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	64	46	o, r	Ins. 0.59	Tunis	75	55	c, c	Ins. —
Madrid	60	41	c, r	0.04	Algiers	70	57	c, c	—
Vienna	72	48	o, o	—	Madeira (Funchal) ...	63	48	b, c, c	—
St. Petersburg	45	39	o, r	0.20	<i>6th May, 1908.</i>				
Trieste	68	54	o, o	—					
Florence	71	55	b, o	0.04	<i>1 p.m.</i>				Measured 7 a.m.
Rome	72	61	r, o	—	Lugano	61	—	o	
Corsica (I. Sanguinaires) ...	61	52	m, m	0.08	Davos	54	—	b	—
Naples	76	41	o, b	—	Lucerne	66	—	b, c	0.08
Palermo	73	53	b, c, f	—	Lausanne	64	—	b	—
Malta	74	62	? , f	—					

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 { Point Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
{ Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

<i>8th May, 1908.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.12	11.49	7.26
Greenwich	4.22	11.56	7.30
Wick	4.4	12.8	8.12
Valencia	5.1	12.37	8.12

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 5 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

Sunday, 10th MAY,

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.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. — Hours.	Rainfall. — Ins.		
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.	Min.	— — —	— — —						
Ins.	°			Ins.	Ins.	°	°					°	°								
SCANDINAVIA.	Haparanda ...	30.10	32	Z	0	6	29.99	-.23	32	30	0	W	2	0	*	—	39	18	*	—	
	Hernösand ...	30.03	34	Z	0	0	30.00	-.13	35	33	0	Z	0	0	*	—	41	30	*	—	
	Stockholm ...	29.99	40	ENE	2	6	29.98	-.06	43	40	-1	NE	2	6	*	—	50	39	*	—	
	Wisby ...	29.89	42	E	4	C	29.84	-.07	48	46	+7	NE	2	6	*	—	50	37	*	—	
	Karlstad ...	30.00	46	NNE	2	0	29.94	-.11	46	42	+4	NE	2	6	*	—	*	*	*	—	
	Færder (X'ania Fjord)	29.87	46	NE	1	0	29.94	-.05	44	42	+1	NNE	3	0	2	—	46	43	*	—	
	Bodö ...	29.87	42	?	4	0	29.82	-.16	37	36	-4	E	5	0	2	—	46	34	*	—	
	Christiansund ...	29.89	44	WSW	1	+	29.89	.00	45	44	-1	N	2	0	2	—	45	43	*	0.12	
	Skudesnaes ...	29.93	47	Z	0	+	29.92	.00	45	44	0	N	1	+	2	+	47	43	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.91	44	N	3	0	29.94	+.11	41	40	-4	NNW	4	C	5	0	46	37	*	0.05	
	Stornoway ...	30.00	44	ENE	4	0	30.09	+.16	40	37	-3	NNE	3	0hp	3	0	48	34	1.3	0.10	
	Malin Head ...	29.88	47	NE	5	0	29.95	+.14	43	42	-4	N	6	0p	5	6C, 0	52	42	*	0.13	
	Blacksod Pt. ...	29.85	50	NE	6	0m	29.98	+.22	47	46	-3	NE	6	C	5	rm, 0m	50	46	*	0.05	
	Valencia ...	29.75	49	ENE	1	0p	29.90	+.24	47	44	0	NNE	4	0q	4	0v, 0p	55	46	1.0	0.41	
	Roche's Point ...	29.74	51	NE	3	0	29.84	+.18	48	46	0	NNE	3	0	2	C, 0	54	45	*	0.04	
	Parsonstown ...	29.79	48	NE	1	0	29.89	+.18	46	44	-2	N	3	0m	*	Cg	52	43	0.1	0.03	
	Donaghadee ...	29.86	47	E	2	0	29.91	+.10	46	45	0	NE	4	tg	3	—	47	44	*	0.05	
	Liverpool Obsy.	29.80	45	E	3	+	29.82	+.04	43	42	-1	NE	2	+	2	0p	48	41	*	0.16	
GERMANY, &c.	Holyhead ...	29.75	47	E	5	C	29.83	+.10	45	44	-1	NE	3	Cd	2	C	51	42	*	0.02	
	Pembroke (St. Ann's)	29.70	50	SSE	3	C	29.77	+.09	48	46	-3	NE	4	Cg	3	+	54	45	7.6	—	
	Scilly (St. Mary's)...	29.68	54	E	3	C	29.73	+.10	52	49	0	NE	3	CW	3	C	56	48	12.0	0.02	
	Jersey (St. Aubins)...	29.71	53	ESE	3	6Cg	29.76	+.02	54	50	+3	SE	3	6C	3	6Cg	57	47	11.3	—	
	Portland Bill ...	29.71	52	SSW	1	6C	29.76	+.06	50	48	-1	NE	1	6W	1	6, 6C	56	42	*	—	
	Dungeness ...	29.72	51	SW	3	6	29.76	.00	48	46	0	NNW	1	W	1	6W, f	55	39	3.4	—	
	Wick ...	29.95	44	N	4	0	30.00	+.13	42	40	-4	N	4	6C	4	of d	49	38	*	0.02	
	Nairn ...	29.92	45	E	3	0	30.01	+.12	41	39	-3	ENE	3	0	3	—	55	39	*	0.08	
	Aberdeen ...	29.90	49	N	3	C	29.97	+.08	43	41	-3	N	4	0p	3	6C, 6p	54	41	10.3	0.01	
FRANCE.	Leith ...	29.87	49	NE	1	6C	29.91	+.05	45	42	-4	NE	3	0p	*	—	55	42	*	0.05	
	North Shields ...	29.85	45	NE	2	0	29.83	-.01	44	44	+1	NE	3	+	3	+, 0, +	46	43	*	0.30	
	Spurn Head ...	29.75	45	NNE	4	+	29.70	-.05	46	46	+3	NNE	4	W	3	+, f, +	46	43	*	0.70	
	Yarmouth ...	29.71	50	NNE	4	C	29.70	-.01	49	47	+1	SSE	3	6C	3	C	52	44	*	0.03	
	Loughborough ...	29.74	46	N	2	0	29.77	+.04	46	44	-4	NW	1	0	*	0, +	56	44	*	0.22	
	Oxford ...	29.72	48	WSW	2	+	29.74	+.01	49	47	-2	WNW	1	0	*	0g, 2, 2+	60	44	0.0	0.31	
	London (Brixton)...	29.72	48	WSW	2	+	29.74	+.01	49	47	-2	WNW	1	0	*	0g, 2, 2+	60	44	0.0	0.31	
	The Scaw (Skagen)	29.91	48	E	3	0	29.89	-.02	48	45	0	E	3	C	1	—	52	46	*	—	
	Fanö ...	29.88	49	E	2	0	29.83	.00	50	47	-1	ENE	2	0	*	—	57	46	*	—	
SPAN. PEN.	Cuxhaven ...	29.83	48	ESE	3	0	29.79	+.02	46	45	-3	ESE	3	6C	*	—	50	45	*	—	
	The Helder ...	29.71	51	E	1	6	29.71	-.01	48	48	-2	W	1	f	0	—	52	46	*	0.08	
	Brussels ...	*	*	*	*	*	29.76	.00	51	48	-2	W	3	0	*	—	64	41	*	0.04	
	Berlin ...	29.77	46	NW	4	+	29.75	+.12	47	46	-5	NW	2	+	*	—	59	43	*	0.51	
	Frankfurt ...	29.72	56	W	2	C	29.76	+.01	52	49	-3	SW	3	0	*	—	60	50	*	—	
	Munich ...	29.81	54	E	4	6	29.88	+.02	46	44	-6	SW	3	0	*	—	63	45	*	0.12	
	C. Gris Nez ...	29.73	53	NW	1	6	29.75	+.01	49	48	+3	Z	0	W	0	—	52	45	*	—	
	Brest ...	29.73	52	SSE	3	6C	29.71	+.06	50	48	0	SE	3	0	4	—	54	48	*	—	
	Lorient ...	29.71	52	S	4	6C	29.74	+.05	46	46	-4	SE	3	0	2	—	52	32	*	0.08	
SPAN. PEN.	Rochefort ...	29.78	58	SSE	1	6	29.80	+.02	54	50	+2	SW	3	6	*	0, 6	63	48	*	0.12	
	Biarritz ...	29.80	59	S	2	6	29.87	+.05	54	49	-3	S	5	6C	3	—	63	50	*	—	
	Paris ...	29.74	57	W	1	6	29.82	.00	47	45	+1	SSW	2	6	*	—	63	43	*	0.63	
	Belfort ...	29.84	46	ESE	2	+	29.85	+.01	46	44	-3	W	2	W	*	—	62	39	*	0.32	
	Lyons ...	29.90	46	SW	1	+	29.94	+.06	41	39	-11	S	1	0	*	—	59	36	*	0.63	
	Nice ...	29.94	54	WNW	1	0	29.88	-.01	53	48	-4	Z	0	C	4	—	66	45	*	0.24	
	Perpignan ...	? 29.79	64	W	1	6	29.88	+.02	60	52	+8	Z	0	6	*	—	78	51	*	—	
	Corunna ...	29.74	51	SW	3	0	?	. . .	50	48	0	SW	3	6C	5	—	57	45	*	0.12	
	Lisbon ...	30.06	55	WSW	4	6	30.06	+.07	55	49	-1	WSW	5	6C	*	—	59	52	*	0.08	
Azores (P. Delgada)	30.24	55	NNE	3	6C	30.20	-.04	56	52	+1	Z	0	6	1	—	61	48	*	—		
" (Horta) ...	30.23	58	SE	4	0	30.21	-.04	57	51	+3	NE	4	6	2	—	63	54	*	—		

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, 10th MAY, 1903.

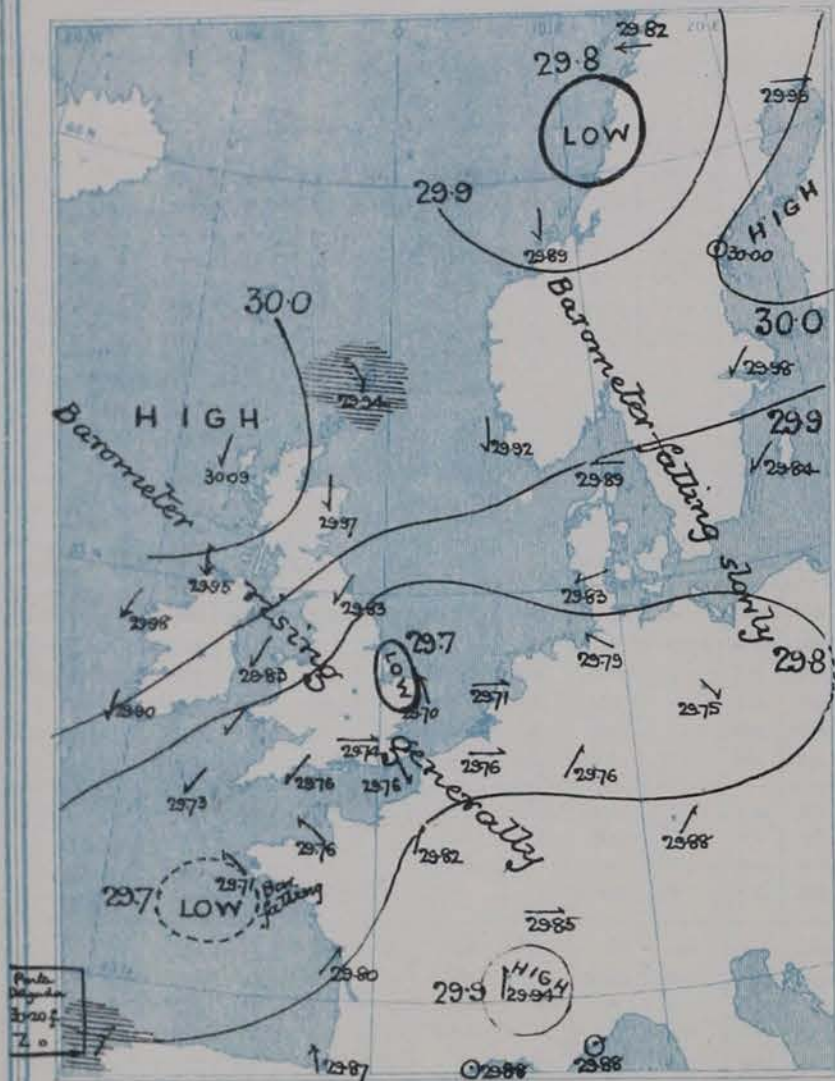
I. BAROMETER, WIND AND SEA. This Morning.

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

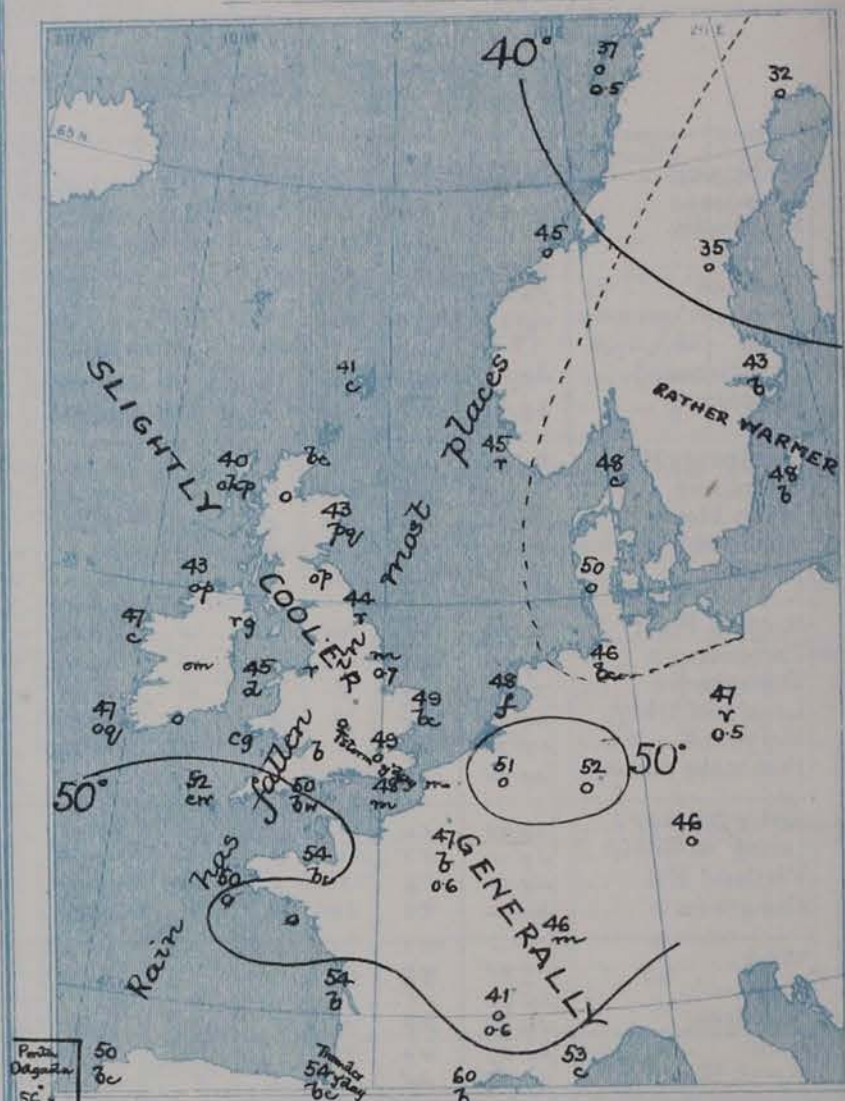


II. TEMPERATURE AND WEATHER. This Morning.

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. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen { Average No of Hours daily } 6.1
(for Stornoway) { Total possible } 16.5



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The general conditions over our Area have changed little since yesterday, but a general rise of the barometer has occurred over western Europe. A shallow disturbance still lies to the southwest of our Islands (Scilly 29.63) and there are indications of the presence of a secondary over the North Sea. The secondary which lay over France yesterday have disappeared and conditions here are more anticyclonic, but a new depression has formed over eastern Germany. The highest pressures are still reported from the northeast of Sweden (Haparanda 30.22). An area of high pressure has also made its appearance off our northwest coast (Stornoway 29.93).

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is generally Easterly over our Islands and light or moderate at most stations. It is fresh over the districts between Falmouth and Blackhead Point. The depression in the southwest causes the wind to be Southerly in the southwest of England and the west of France. Over the east of our area the wind circulates round the depression over Eastern Germany, it is Easterly over southern Scandinavia, Northerly at Berlin and Westerly further south. Over northern Scandinavia the wind is light and variable. The weather over our Islands is still very unsettled, rain is falling at all stations on the east coast of England, in the south of Ireland and at several other places. On the continent it is raining at Paris, Berlin and Christiansund, and the weather is dull generally. It is, however, bright in the southeast of France and in the extreme north of Scandinavia. Temperature has fallen a few degrees in England and Ireland, changed little in Scotland, readings range from 43° at Stornoway and Spurn Head to 52° at Scilly. On the continent the highest readings (57°) are to be found in the south of France, while it is still cold in Scandinavia, Haparanda 32°. The Sea is slight or smooth generally but moderate in the north of Scotland and in the region of fresh winds mentioned above. Rain fell generally yesterday; parts of the south of England and east of Scotland escaped. The maximum fall 0.95 inch occurred at Spurn Head. Large amounts of sunshine (over 8 hours) were recorded in the west of Scotland and southwest of England. Thunder occurred at Holyhead and Blackhead Point.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in the distribution of pressure are slight, and no change in the general character of the weather is anticipated at present.

FORECASTS *

For the 24 hours ending at NOON on 10th MAY, 1903

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	N ^{ly} or NE ^{ly} winds, moderate; unsettled, some rain. Cool.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E ^{ly} winds, moderate or light; cloudy, cool, some rain.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos. 2 to 5.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S ^{ly} to SE ^{ly} winds, moderate; cloudy, some rain.
9	IRELAND NORTH	E ^{ly} winds, moderate or fresh; unsettled, some rain.
10	IRELAND SOUTH	E ^{ly} winds, light or moderate; dull, some rain.

WARNINGS

Thunder is still probable in isolated parts of the country.

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.	Weather.	Barometer.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	Se	*	7.0	52	44	4.0	0.31
Bath	29.63	57	SE 3	6	29.72	+0.05	74.9	74.8	- 2	E 1	7	*	-	60	46	6.0	0.07

REPORTS FOR YESTERDAY.											
STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	59	39	o, c, o	3.4	0.02	Eastbourne to 6 pm ...	*	*	*	2.0	*
Rhyl to 6 pm	*	*	*	5.5	*	Hastings	*	*	*	1.1	*
Llandudno	*	*	*	4.5	*	Lowestoft, to 6 p.m. ...	52	42	o c, o	4.5	0.10
Aberystwyth, to 6 p.m. ...	63	51	co	5.0	0.07	Harrogate, to 6 p.m. ...	51	41	oc	1.1	-
Plymouth, to 9 p.m....	59	48	Scp	5.8	0.16	Manchester, to 9 p.m. ...	58	41	Sc	8.1	0.01
Worthing	*	*	*	6.6	*	Darwen, to 9 p.m. ...	55	41	om, Sc, cmw	5.6	-
Brighton	*	*	*	1.9	*	Birmingham, to 9 p.m. ...	58	41	o, c, o	2.9	-

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

STATIONS. 8 th May, 1903.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Utrecht	59	39	Sc, c	0.04	Tunis	77	52	Sc, o	—
Madrid Not rec ^d					Algiers	70	59	c, c	—
Vienna	70	52	o, c	—	Madeira (Funchal) Not rec ^d				
St. Petersburg	45	36	f, o	0.04					
Trieste	68	57	o, c	—					
Florence	79	56	Sc, o	—					
Rome	82	56	Sc, o	—					
Corsica (I. Sanguinaires) ...	64	52	m, Sc	—					
Naples	77	60	Sc, Sc	—					
Palermo	78	53	Sc, f	—					
Malta	74	63	?, Sc	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	9 th May 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.† (W.E.T.)	6 p.m.†	Yarmouth	4.10	11.49	7.28
Holland	8 a.m. (")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	4.21	11.56	7.31
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	4.2	12.8	8.14
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	5.0	12.37	8.14
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 { Point Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

* 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, 11th May, 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.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 82° Fabr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			°	Ins.	°
SCANDINAVIA.	Haparanda ...	29.89	33	S	2	C	29.78	- .21	36	34	+ .4	S	4	0	*	37	30	*	-		
	Hernösand ...	29.86	40	S	2	O	29.78	- .22	37	35	+ .2	S	4	0	*	43	32	*	-		
	Stockholm ...	29.91	39	ENE	2	B	29.81	- .17	44	39	+ .1	E	2	B	*	46	36	*	-		
	Wisby ...	29.81	39	E	2	C	29.73	- .11	43	40	- .5	NE	2	B	*	50	39	*	-		
	Karlstad ...	29.88	49	Z	0	O	29.82	- .12	45	39	- .1	SSE	2	O	*	*	*	*	-		
	Færder (X'ania Fjord)	29.84	48	N	2	O	29.76	- .18	47	46	+ .3	S	1	O	1	48	44	*	-		
	Bodö ...	29.75	39	SW	4	O	29.66	- .03	37	36	- .13	SW	4	m	2	50	36	*	0.24		
	Christiansund ...	29.84	42	ENE	2	T	29.83	- .06	39	36	- .6	SW	2	O	2	46	36	*	0.43		
	Skudesnaes ...	29.88	45	N	4	O	29.80	- .12	42	41	- .3	N	4	O	2	46	41	*	*		
	Sumburgh Head ...	29.96	40	NNW	4	B	29.82	- .12	41	39	- .0	W	2	C	4	C, B	45	36	*	0.04	
BRITISH ISLANDS.	Stornoway ...	30.10	41	ENE	4	O	29.95	- .14	39	35	- .1	WSW	3	O	3	0.7p, O	43	30	1.8	-	
	Malin Head ...	30.01	43	N	6	B	30.02	+ .07	42	39	- .1	N	4	C	3	O, B	46	39	*	0.02	
	Blacksod Pt. ...	30.05	46	NE	7	Cp	30.07	+ .09	46	43	- .1	NNE	4	C	3	C, Cp	47	41	*	0.05	
	Valencia ...	29.95	50	NNE	6	C	30.06	+ .16	43	38	- .4	NNE	6	C	4	O, C	54	41	1.8	0.02	
	Roche's Point ...	29.88	51	NE	4	Op	29.98	+ .14	45	43	- .3	N	5	C	3	O, Op	55	43	*	0.02	
	Parsonstown ...	29.93	46	N	2	T	30.03	+ .14	41	38	- .5	N	2	C	*	Cp	53	38	1.7	0.30	
	Donaghadee ...	29.95	48	NE	3	Op	30.00	+ .09	48	40	+ .2	NE	2	Cg	1	Op	48	40	*	0.03	
	Liverpool Obsy. ...	29.86	46	NE	3	O	29.92	+ .10	42	39	- .1	NE	2	O	2	Op	48	37	*	0.08	
	Holyhead ...	29.87	47	NNE	4	Od, p	29.94	+ .11	43	40	- .2	NE	4	B	3	O, Od, p	47	40	*	0.04	
	Pembroke (St. Ann's)	29.79	49	NNE	4	C	29.90	+ .13	46	43	- .2	NNE	5	Cg	4	-	50	42	0.0	0.01	
GERMANY, &c.	Scilly (St. Mary's)...	29.75	51	N	4	C	29.78	+ .05	51	48	- .1	NNE	4	O	3	C	55	48	12.3	-	
	Jersey (St. Aubins)...	29.76	54	ESE	3	B	29.79	+ .03	51	49	- .3	ENE	3	Cg	3	B, g, d, p	59	49	10.5	0.01	
	Portland Bill ...	29.76	52	S	1	B	29.82	+ .06	46	44	- .4	NE	2	C	1	B	55	44	*	0.01	
	Dungeness ...	29.76	51	WSW	4	C	29.78	+ .02	51	49	+ .3	NNW	3	m	1	C, f	56	42	5.2	-	
	Wick ...	30.02	38	N	4	O	29.91	- .09	42	40	- .0	N	3	B	2	0.7p	44	34	*	0.03	
	Nairn ...	30.03	41	NNE	2	C	29.95	- .06	41	36	- .0	W	1	C	1	-	45	36	*	0.01	
	Aberdeen ...	29.99	40	NNW	4	B, Cp	29.95	- .02	40	36	- .3	WNW	4	C	2	B, Cp	45	33	2.2	0.01	
	Leith ...	29.95	44	ENE	2	O	29.96	+ .05	44	38	- .1	N	1	B	*	-	48	37	*	-	
	North Shields ...	29.89	43	NNE	3	O	29.92	+ .09	42	39	- .2	NNE	3	Op	4	T, O	45	39	*	0.28	
	Spurn Head ...	29.75	47	NNE	3	f	29.81	+ .11	44	44	- .2	N	4	T	3	f	49	43	*	0.04	
FRANCE.	Yarmouth ...	29.73	49	SE	3	B	29.77	+ .07	49	47	- .0	NNE	3	Cf	3	C, B	50	43	*	-	
	Loughborough ...	29.73	49	SE	3	B	29.77	+ .07	49	47	- .0	NNE	3	Cf	3	C, B	50	43	*	-	
	Oxford ...	29.80	48	NW	2	O	29.86	+ .09	41	40	- .5	N	3	T	*	O, Op	52	41	*	0.09	
	London (Brixton)...	29.75	55	WNW	1	C	29.79	+ .05	45	44	- .4	NW	4	Og	*	O, C, Op	57	44	2.3	0.30	
	The Scaw (Skagen)	29.82	49	NE	1	C	29.77	- .12	49	45	+ .1	SSE	2	C	0	-	52	46	*	-	
	Fanö ...	29.79	50	E	2	C	29.75	- .08	49	48	- .1	ESE	1	O	*	-	55	46	*	-	
	Cuxhaven ...	29.75	53	ENE	3	O	29.73	- .06	48	47	+ .2	S	1	T	*	-	54	46	*	0.16	
	The Helder ...	29.74	48	WNW	1	m	29.74	+ .03	48	48	- .0	NNW	1	T	0	-	50	48	*	0.43	
	Brussels ...	29.81	50	Z	0	T	29.81	+ .05	49	48	- .2	S	1	O	*	-	59	44	*	0.20	
	Berlin ...	29.75	50	Z	0	T	29.72	- .03	46	45	- .1	SE	1	T	*	-	54	45	*	0.04	
SPAN. PEN.	Frankfurt ...	29.78	52	N	1	C	29.80	+ .04	50	46	- .2	SW	4	B	*	-	63	45	*	-	
	Munich ...	29.86	51	SW	3	C	29.91	+ .03	49	46	+ .3	SW	6	C	*	-	59	39	*	-	
	C. Gris Nez ...	29.76	50	SW	2	B	29.78	+ .03	49	48	- .0	SW	2	O	2	-	57	46	*	-	
	Brest ...	29.73	49	E	2	T	29.78	+ .07	50	50	- .0	NE	1	C	1	-	59	46	*	0.28	
	Lorient ...	29.71	53	SSE	3	C	29.72	- .02	48	48	+ .2	NE	4	T	3	-	59	46	*	0.04	
	Rochefort ...	29.80	57	SW	4	B	29.76	- .04	54	50	- .0	SW	8	O	*	B	63	50	*	0.04	
	Biarritz ...	29.91	52	NW	4	B	29.91	+ .04	54	51	- .0	Z	0	B	3	-	61	48	*	0.12	
	Paris ...	29.80	53	NNW	1	B	29.84	+ .02	49	46	+ .2	SSW	2	B	*	-	62	40	*	0.04	
	Belfort ...	29.80	53	W	3	C	29.86	+ .01	46	45	- .0	WSW	2	O	*	-	62	43	*	0.04	
	Lyons ...	29.87	54	W	3	O	29.89	- .05	53	45	+ .12	SSW	2	B	*	-	66	41	*	-	

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.

FOR MONDAY 11TH MAY, 1903.



A hand-drawn map of Europe with various weather symbols and handwritten annotations. The map includes:

- Isobars: Solid lines labeled 29.9, 30.0, and 30.1.
- Fronts: Dashed lines with arrows indicating movement.
- Weather symbols: Arrows (wind), plus signs (clouds), and circles with dots (precipitation).
- Handwritten text: "Information not received" written diagonally across the bottom right.
- Other markings: A circled "Q" in the central part of Europe and a circled "1" near the top right.

Specimen (for Stornoway)	$\left\{ \begin{array}{l} \text{Average N}^{\circ} \text{ of} \\ \text{Hours daily} \\ \text{Total possible} \end{array} \right\}$	$\left\{ \begin{array}{l} 6.1 \\ 16.5 \end{array} \right\}$
-----------------------------	--	---



The map displays the North Atlantic region with isotherms for 50°C and 53°C. The 50°C isotherm is represented by a solid line, and the 53°C isotherm is represented by a dashed line. The map includes the following labeled temperature values:

- 50°C Isotherm (Solid Line):**
 - 46.0, 48.4, 48.2, 48.8, 49.0, 48.9, 50.2, 50.7, 51.2, 51.0, 50.7, 50.9, 50.8, 50.7, 51.8, 50.5, 52.6, 51.0, 52.3, 54.7, 52.8, 51.8, 53.8
- 53°C Isotherm (Dashed Line):**
 - 53.0, 52.0, 50.2, 51.8, 52.3, 53.8
- Other Labels:**
 - 45° (top right)
 - 48.4, 48.6, 48.9, 49.9, 50.0, 49.4, 50.9, 50.8, 50.7, 51.8, 50.5, 52.6, 51.0, 52.3, 54.7, 52.8, 51.8, 53.8

GENERAL SITUATION AT 8 A.M.

PRESSURE

The high pressure in the northwest has increased in intensity and spread somewhat since yesterday (Stornoway 30.09); a shallow depression (29.70) extends over the Bay of Biscay, the south of England and northern Germany, with centres of low pressure near Brest and over Norfolk. Pressure is high over the south of France and Spain (Lisbon 30.06) and also over the east of Sweden (Hernösand 30.00). A second low pressure area is situated off the Norwegian coast.

WIND

TEMPERATURE

WEATHER

AND

SEA

The central low pressure system separates our area into two distinct regions. Over the northern half N^W or NE^W winds prevail, strong on the Irish coasts, but moderate or light over Great Britain and Scandinavia. W^W or SW^W winds are reported from the southern half, fresh in Spain, moderate or light in France and Germany. S^W or SE^W winds are reported from the extreme northwest of France and from Yarmouth i.e. in the regions to the immediate east of the centres of low pressure. The weather is still very unsettled over the northern half of our area, with rain in places, but it is fine over Sweden; fairer weather is reported from France and Spain, but it is raining at Berlin. The wind having become more N^W over our Islands, temperature has fallen at most of our stations and now ranges from 40° at Stornoway to 54° at Jersey. On the Continent readings remain below 50° in central France and Germany, but has risen to 60° at Perpignan. It is still cold in Scandinavia, Haparanda 32°. The sea is moderate in the northwest, slight elsewhere. During yesterday the temperature did not rise above 57° (Jersey) in our Islands, the minimum 34° is reported from Stornoway. Rainfall was very irregular, heavy showers occurred in most parts of the country (max. rainfall 0.70 at Spurn Head). The amount of sunshine was also variable, small amounts were reported from Ireland, Lancashire and north Wales, but over ten hours were recorded in the southwest and at Aberdeen. A thunderstorm occurred in London during the afternoon; at Westminster the accompanying rainfall amounted to 0.9 inch, but at Bristol there was only 0.3 inch.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 11TH May.

1903

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

None issued.

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

None issued.

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.	Weather.	Barometer. Ins. Change.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	c	*	b, c	55	42	8.3	0.01
Bath	29.68	53	E 2	b	29.77	+0.5	48	45	-1	NE 1	b	-	55	42	0.8	0.20

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	49	42	0.2, 0.5	0.0	0.03	Eastbourne to 6 pm ...	*	*	*	*	*
Rhyl to 6 pm	*	*	*	*	*	Hastings	*	*	*	5.2	*
Llandudno	*	*	*	0.0	*	Lowestoft, to 6 p.m. <i>Not recd</i>	*	*	*	*	*
Aberystwyth, to 6 p.m. ...	61	48	b, 0	3.0	0.02	Harrogate, to 6 p.m. ...	49	40	0.5	0.0	1.00
Plymouth, to 9 p.m....	57	47	b, c	11.1	0.03	Manchester, to 9 p.m. <i>Not recd</i>	*	*	*	*	*
Worthing	*	*	*	6.2	*	Darwen, to 9 p.m. ...	46	39	c, 0.5	0.0	0.06
Brighton to 6 pm	*	*	*	*	*	Birmingham, to 9 p.m. ...	49	43	0	0.0	-

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

STATIONS. 9 th May, 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	63	50	r, r	Ins.	Tunis	73	50	b, c, b, c	Ins.
Madrid	61	40	r, 0	0.08	Algiers	72	57	c, b	-
Vienna	73	52	0, r	0.12	Madeira (Funchal) ...	66	52	b, 0	-
St. Petersburg	46	32	b, 0	-	8 th May, 1903.				
Trieste	77	55	0, 0	0.08					
Florence	70	52	0, c	0.16	Lugano	52	-	r	0.95
Rome	74	58	0, b, c	-	Davos	50	-	r	-
Corsica (I. Sanguinaires) ...	63	46	r, f	0.16	Lucerne	52	-	r	-
Naples	76	56	b, b	-	Lausanne	48	-	r	0.16
Palermo	79	53	b, c, b	-					
Malta	72	58	? b, c	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corres- ponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding 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 { Point Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

10 th May 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.8	11.49	7.30
Greenwich	4.19	11.56	7.33
Wick	4.0	12.8	8.16
Valencia	4.58	12.37	8.16

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

Tuesday, 12th May, 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.		Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°				°	°									
SCANDINAVIA.	Haparanda ...	29.64	36	SW	4	0	29.65	- .13	38	37	+ 2	SSW	2	c	-	41	30	-	-		
	Hernösand ...	29.73	36	Z	0	0	29.75	- .03	36	36	- 1	Z	0	f	-	41	34	-	-		
	Stockholm ...	29.75	41	E	2	0	29.69	- .12	47	41	+ 3	ESE	2	δ	-	50	34	-	-		
	Wisby ...	29.70	38	NNE	2	0	29.68	- .05	39	37	- 4	Z	0	δ	-	45	37	-	-		
	Karlstad ...	29.71	47	Z	0	δc	29.65	- .17	48	45	+ 3	SW	2	o	-	-	-	-	-		
	Færder (X'ania Fjord)	29.74	48	SSW	2	c	29.65	- .11	42	40	- 5	N	4	o	2	-	52	41	-	-	
	Bodö ...	29.60	38	S	4	c	29.63	- .03	39	36	+ 2	SW	4	δc	2	-	39	34	-	0.08	
	Christiansund ...	29.80	39	WNW	4	0	29.78	- .05	39	35	0	W	2	c	3	-	39	34	-	0.04	
	Skudesnaes ...	29.80	41	N	6	δ	29.74	- .06	41	40	- 1	E	2	r	1	δ	46	36	-	-	
BRITISH ISLANDS.	Sumburgh Head ...	29.77	44	NNE	3	c	29.81	- .01	41	37	0	NNW	3	c	4	r, c	46	34	-	0.30	
	Stornoway ...	29.88	48	NNW	3	c	29.90	- .05	42	40	+ 3	NNW	1	o	1	o, c	51	36	6.5	0.02	
	Malin Head ...	29.94	46	N	3	δc	29.93	- .09	47	46	+ 5	N	2	δ	2	c, δc	48	42	-	0.01	
	Blacksod Pt. ...	30.01	49	NNW	4	op	30.00	- .07	49	48	+ 3	NNW	4	opm	3	cp	51	45	-	0.13	
	Valencia ...	30.07	49	N	5	cv	30.03	- .03	48	46	+ 5	N	5	o	4	c, cv	51	43	7.3	0.15	
	Roche's Point ...	30.00	51	NNW	4	c	29.97	- .01	50	47	+ 5	N	4	c	3	c	52	44	-	-	
	Parsonstown ...	29.98	49	N	1	c	29.97	- .06	47	45	+ 6	W	1	o	-	cp	52	39	6.6	0.04	
	Donaghadee ...	29.94	48	NE	2	δ	29.92	- .08	47	45	- 1	WNW	2	c	2	-	48	40	-	-	
	Liverpool Obsy. ...	29.93	43	N	1	c	29.91	- .01	44	41	+ 2	WNW	3	δ	2	-	45	38	-	0.01	
	Holyhead ...	29.94	44	N	2	δc	29.92	- .02	44	42	+ 1	E	1	cp	1	c, δc	46	37	-	-	
GERMANY, &c.	Pembroke (St. Ann's)	29.93	44	NNE	5	o	29.91	+ .01	47	45	+ 1	N	2	c	1	-	50	40	7.4	-	
	Scilly (St. Mary's)...	29.93	49	N	5	c	29.91	+ .13	50	47	- 1	NNE	4	cp	2	c	54	44	10.0	0.04	
	Jersey (St. Aubins)...	29.83	50	NNW	4	δcm	29.87	+ .08	47	45	- 4	N	4	og	3	c, δcm	56	44	8.4	0.21	
	Portland Bill ...	29.83	50	NNE	2	c	29.89	+ .07	44	41	- 2	NNE	2	c	2	c	54	40	-	-	
	Dungeness ...	29.77	51	ENE	4	o	29.84	+ .06	42	41	- 9	NNE	6	o	3	c, o	60	41	5.2	0.02	
	Wick ...	29.81	43	N	3	δc	29.86	- .05	42	40	0	N	2	c	2	-	48	35	-	0.02	
	Nairn ...	29.83	46	W	1	o	29.88	- .07	44	40	+ 3	W	1	c	1	-	54	34	-	0.04	
	Aberdeen ...	29.86	43	S	3	δ	29.88	- .07	42	40	+ 2	WNW	3	op	2	δ, p	49	37	7.7	0.01	
	Leith ...	29.86	48	Z	0	m	29.88	- .08	50	44	+ 6	NW	2	c	-	-	50	41	-	-	
	North Shields ...	29.90	43	NE	3	c	29.86	- .06	45	42	+ 3	NW	1	o	3	δc, c	45	35	-	-	
FRANCE.	Spurn Head ...	29.85	43	N	4	o	29.89	+ .08	44	41	0	N	1	δc	3	-	46	38	-	0.01	
	Yarmouth ...	29.80	47	NNE	4	otg	29.81	+ .04	45	42	- 4	N	4	cv	4	c, otg	52	40	-	0.17	
	Loughborough ...	29.89	43	NNE	3	o	29.90	+ .04	43	40	+ 2	N	2	op	-	op	48	39	-	0.01	
	Oxford ...	29.80	48	NNE	4	og	29.86	+ .07	45	40	0	NNE	3	c	-	op, r, c	50	40	0.0	0.05	
	London (Brixton)...	29.80	48	NNE	4	og	29.86	+ .07	45	40	0	NNE	3	c	-	op, r, c	50	40	0.0	0.05	
	The Scaw (Skagen)	29.71	49	SW	1	c	29.65	- .12	48	44	- 1	W	2	o	0	-	52	45	-	-	
	Fanö ...	29.74	48	Z	0	r	29.78	+ .03	45	41	- 4	WNW	4	c	-	-	54	43	-	0.04	
	Cuxhaven ...	29.76	49	NW	2	o	29.80	+ .07	48	46	0	NW	1	o	-	-	52	46	-	0.08	
	The Helder ...	29.77	48	NNE	2	c	29.78	+ .04	48	46	0	NE	2	o	2	-	52	46	-	0.35	
	Brussels ...	29.77	48	NNE	2	c	29.77	- .04	48	47	- 1	NE	2	r	-	-	59	43	-	0.32	
SPAN. PEN.	Berlin ...	29.74	50	NW	2	c	29.81	+ .09	51	49	+ 5	SW	1	o	-	-	55	43	-	0.08	
	Frankfurt ...	29.84	49	SW	2	c	29.80	00	49	45	- 1	SE	1	c	-	-	61	43	-	-	
	Munich ...	29.91	48	SW	4	c	29.85	- .06	48	46	- 1	SE	4	o	-	-	61	37	-	-	
	C. Gris Nez ...	29.77	49	ENE	2	δ	29.78	00	47	46	- 2	E	2	o	2	-	59	45	-	-	
	Brest ...	29.88	51	N	3	o	29.89	+ .11	44	42	- 6	N	3	o	3	-	57	43	-	-	
	Lorient ...	29.81	52	SE	3	δ	29.88	+ .16	46	45	- 2	N	3	δ	2	-	61	43	-	0.24	
	Rochefort ...	29.80	55	WSW	4	δ	29.84	+ .08	50	49	- 4	NE	3	o	-	o, δ	59	46	-	0.08	
	Biarritz ...	29.91	55	WNW	4	r	29.90	- .01	51	50	- 3	SW	3	c	2	-	59	46	-	-	
	Paris ...	29.78	52	S	2	δc	29.78	- .06	49	47	0	NNW	2	c	-	-	62	46	-	0.08	
	Belfort ...	29.79	54	W	2	δc	29.79	- .07	48	46	+ 2	W	2	m	-	-	59	42	-	-	

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 12TH MAY, 1903.

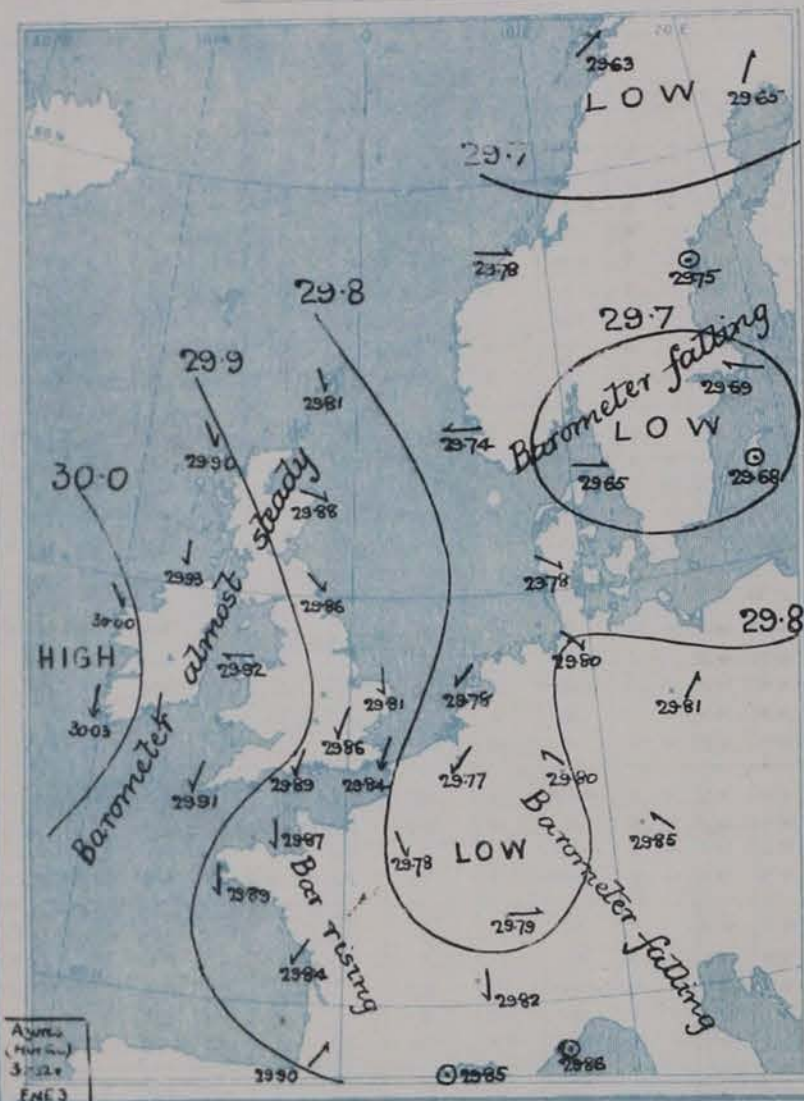
I. BAROMETER, WIND AND SEA. This Morning.

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 ———

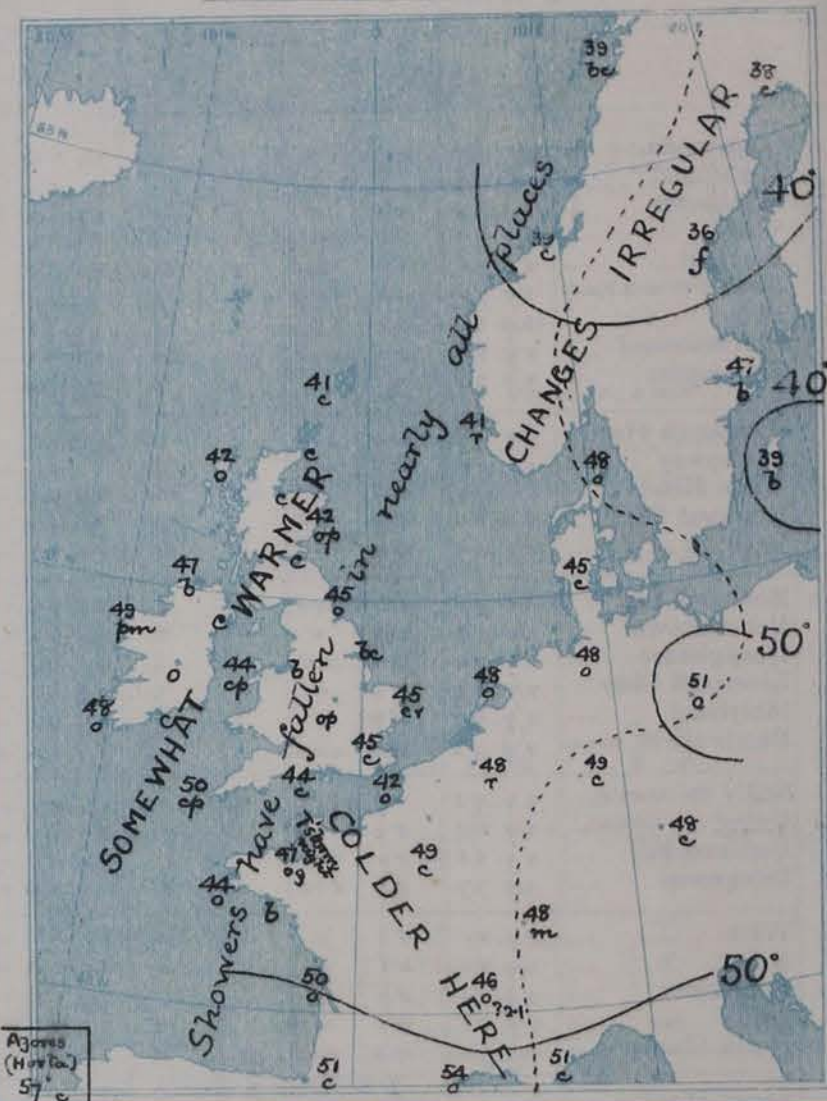


II. TEMPERATURE AND WEATHER. This Morning.

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. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen { Average No. of Hours daily } 6.1
(for Stornoway) { Total possible } 16.5



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

MAY (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure this morning shows three regions of high pressure (1) over Ireland (Blackhead 30.07) whence a tongue of high pressure extends northward to Norway where it meets with (2) a similar tongue of high pressure extending from the region of the White Sea to southern Sweden (Karlstad 29.82). (3) Pressure is also high, over 29.9 mm, in the south of France. Two low pressure systems are shown, (1) off the coast of Norway (Bodo 29.66), (2) a narrow trough of low pressure extending from the Bay of Biscay to the eastern Baltic and showing three minima, one near Lorient, a second near Hamburg and a third over the eastern Baltic.

WIND

TEMPERATURE

WEATHER

AND

SEA

Over our Islands and the northwest of France, i.e. to the north of the low trough the wind is Northerly or Northeasterly, and moderate or fresh (strong in the west of Ireland). In the north of Scotland the depression in the far north has caused the wind to back to the Westward. Southwesterly winds are reported from the remaining parts of France, and from western Germany. The complex distribution of pressure over Scandinavia causes the wind to vary greatly over that country, but the general tendency is for Southerly winds circulating from the high pressure area in the east to the depression in the north.

Over our Islands the weather is cloudy or dull generally with rain at several places in the east, over the continent the distribution of weather is very irregular; rain is falling in the north of Germany. The Northerly wind has caused a considerable fall in temperature (5° in places) over our Islands, readings now range from 39° at Stornoway to 51° at Scilly and Jersey. Over the south of our area temperature has changed little, but great variations of temperature have occurred at Lyons. A slight rise of temperature has occurred in the east of Scandinavia (Haparanda 36°).

During the previous 24 hours temperature fell to 30° at Stornoway, the maximum reported in our Islands was 59° at Jersey. On the continent the thermometer rose to 73° at Perpignan, the minimum, 30°, was recorded at Haparanda. Rainfall was generally slight, but nearly 30 inch were recorded at Parsonstown, Shields, Manchester and London. No sunshine was recorded in Lancashire or Wales, but amounts varying up to 12 hours (at Scilly) occurred in other parts of the country. Thunder was reported from Dungeness and Clacton.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over Ireland has moved southward during the night, this probably means that our northern districts will come more definitely under the influence of the depression in the north. The minima in the trough of low pressure mentioned above, show no signs of definite changes and will probably continue to cause dull showery weather in the south and east of England. The Northerly wind will prevent any decided rise of temperature.

FORECASTS *

For the 24 hours ending at NOON on 12th MAY, 1903

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	W ^{ly} or N.W ^{ly} winds, moderate to fresh; dull, cool, some rain later.
1	SCOTLAND EAST	
2	ENGLAND N.E.	N ^{ly} winds, moderate or fresh; cool, showery.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	NW ^{ly} or N ^{ly} winds, moderate; some rain, cool.
7	ENGLAND N.W.	N ^{ly} winds, moderate; cool, fair, showers not improbable.
8	ENGLAND S.W.	N ^{ly} winds, fresh; cool, fair, showers not improbable.
9	IRELAND NORTH	N ^{ly} to NW ^{ly} winds, fresh to strong; cool, fair at first, some rain later.
10	IRELAND SOUTH	N ^{ly} winds, fresh or strong; cool, fair generally.

WARNINGS

None issued.

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

* For terms for transmission of Forecasts by Telegram, 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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	"	"	"	"	53	45	2.5	0.20
Bath	29.67	54	NE 1	3	29.87	+ .10	43	41	- 5	NE 4	3	"	-	55	42	0.5	-	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	50	41	o d, o	0.0	0.30	Eastbourne to 6 pm ...	*	*	*	9.5	*
Rhyl to 6 pm ...	*	*	*	0.0	*	Hastings ...	*	*	*	8.9	*
Llandudno ...	*	*	*	0.0	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	59	47	o m	0.0	0.02	Harrogate, to 6 p.m. ...	45	41	o r	0.0	0.74
Plymouth, to 9 p.m....						Manchester, to 9 p.m. ...	48	42	o r	0.0	0.35
Worthing ...	*	*	*	4.8	*	Darwen, to 7 p.m. ...	45	38	o r g, o p g	0.0	0.22
Brighton. ...	*	*	*	6.4	*	Birmingham, to 9 p.m. ...	47	41	o, d, o	0.0	0.03

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

STATIONS.		TEMPERATURE, F.		WEATHER.	RAIN.
Obsn ^s not received.		Max. °	Min. °		
Utrecht... ..					Ins.
Madrid					
Vienna					
St. Petersburg					
Trieste					
Florence					
Rome					
Corsica (I. Sanguinaires) ...					
Naples					
Palermo					
Malta					

STATIONS.		TEMPERATURE, F.		WEATHER.	RAIN.
Obsn ^s not received.		Max. °	Min. °		
Tunis					Ins.
Algiers					
Madeira (Funchal)					
	9 th May, 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Lugano		66	—	B	3.03
Davos		50	—	B	0.39
Lucerne		63	—	Bc	0.24
Lausanne		63	—	B	0.32

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	11 th May, 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
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.	Yarmouth	4.6	11.49	7.32
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4.17	11.56	7.35
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.57	12.8	8.19
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	4.56	12.37	8.18
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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, 13th May, 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.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Max.	Min.		
SCANDINAVIA.	Haparanda ...	29.62	32	S	2	8	29.58	-0.07	38	34	0	Z	0	C	*	-	45	32	*	-	
	Hernösand ...	29.65	40	N	0	0	29.61	-0.14	35	35	-1	Z	0	S	*	-	46	34	*	0.35	
	Stockholm ...	29.64	44	S	2	0	29.57	-0.12	45	45	-2	WNW	2	0	*	-	54	36	*	0.04	
	Wisby ...	29.70	43	E	2	8	29.66	-0.02	43	40	-4	SW	2	8c	*	-	46	37	*	-	
	Karlstad ...	29.59	45	W	2	0	29.65	0.00	40	37	-3	NW	2	8c	*	-	*	*	*	0.04	
	Færder (X'iania Fjord) ...	29.62	47	N	0	8	29.67	+0.02	43	39	+4	NNE	2	8	2	-	47	37	*	-	
	Bodö ...	29.64	34	SW	4	S	29.58	-0.05	34	33	-1	S	4	8c	2	-	39	30	*	-	
	Christiansund ...	29.73	39	SW	3	C	29.69	-0.09	39	33	0	SW	3	C	3	-	41	34	*	0.04	
	Skudesnaes ...	29.75	41	N	6	8	29.74	0.00	40	39	-1	SSE	2	C	1	8	46	36	*	-	
	Sumburgh Head ...	29.78	41	NNW	2	8	29.47	-0.34	44	43	+1	SSW	4	0	5	8c, 8	44	35	*	-	
BRITISH ISLANDS.	Stornoway ...	29.79	48	NW	2	0	29.33	-0.57	46	44	+2	SSW	8	n	8	8c, 0	49	39	1.1	0.09	
	Malin Head ...	29.89	48	WNW	4	C	29.56	-0.37	47	47	0	SW	7	omp	4	8c, 0	53	44	*	0.06	
	Blacksod Pt. ...	29.96	49	NW	3	C	29.64	-0.36	50	50	+1	SW	7	tm	5	C	52	47	*	0.19	
	Valencia ...	30.03	50	NNW	4	0	29.87	-0.16	50	48	+2	WSW	4	omg	4	8c, 0	54	47	4.1	0.04	
	Roche's Point ...	29.96	54	N	4	8c	29.89	-0.08	50	48	0	WSW	4	om	2	op, 8c	56	44	*	0.02	
	Parsonstown ...	29.94	52	NW	1	0	29.79	-0.18	47	46	0	SW	1	at	*	C, op	55	40	2.4	0.07	
	Donaghadee ...	29.91	51	N	2	C	29.73	-0.19	45	45	-2	SW	3	r	3	-	51	42	*	0.02	
	Liverpool Obsy. ...	29.90	48	WNW	3	8	29.82	-0.09	49	46	+3	WSW	1	0	1	-	51	42	*	-	
	Holyhead ...	29.91	48	WNW	1	8c	29.82	-0.10	48	45	+3	WSW	2	cm	1	8, 8c	53	42	*	-	
	Pembroke (St. Ann's) ...	29.93	49	WNW	4	8c	29.89	-0.02	49	46	+3	WSW	5	cg	4	-	52	46	7.9	-	
GERMANY, &c.	Scilly (St. Mary's) ...	29.96	51	NNW	3	0	29.97	+0.06	51	49	+2	NW	3	C	1	C	53	47	11.4	0.07	
	Jersey (St. Aubins) ...	29.92	49	N	3	8m	29.98	+0.11	50	47	+3	SW	2	8m	2	og, 8m	52	40	3.8	-	
	Portland Bill ...	29.91	49	W	3	C	29.95	+0.06	49	47	+2	W	1	8c	1	0, C	53	44	*	-	
	Dungeness ...	29.86	48	NE	4	8c	29.95	+0.11	49	46	+3	NNW	2	8c	1	7, 8c	49	36	1.3	0.08	
	Wick ...	29.81	45	S	3	8c	20.43	-0.43	44	43	+1	S	3	0	2	-	48	38	*	0.10	
	Nairn ...	29.79	50	E	1	C	29.46	-0.42	47	44	+3	W	1	8c	1	-	54	42	*	0.01	
	Aberdeen ...	29.83	44	SSE	2	8	29.58	-0.30	46	43	+3	SSW	4	om	2	8c, 8	49	40	4.7	0.01	
	Leith ...	29.81	51	Z	0	0	29.63	-0.25	48	43	-5	SW	2	0	*	-	54	44	*	-	
	North Shields ...	29.85	45	NE	2	8c	29.72	-0.14	48	44	+4	WSW	2	C	2	C, 8c	48	38	*	-	
	Spurn Head ...	29.88	46	ESE	2	8c	29.82	-0.07	50	47	+3	W	1	m	2	-	50	41	*	-	
FRANCE.	Yarmouth ...	29.85	49	NNE	3	8	29.87	+0.06	47	43	+4	WSW	3	8m	3	8, 8v	49	36	*	-	
	Loughborough ...	29.92	45	NNW	1	0	29.91	+0.01	47	44	+3	SW	1	8	*	-	53	38	*	-	
	Oxford ...	29.86	51	NE	2	8	29.91	+0.05	49	43	+6	SSW	2	8	*	80, 8w	54	34	6.1	-	
	London (Brixton) ...	29.86	51	NE	2	8	29.91	+0.05	49	43	+6	SSW	2	8	*	80, 8w	54	34	6.1	-	
	The Scaw (Skagen) ...	29.65	44	WNW	4	8	29.67	+0.02	46	41	-5	NNW	3	8	1	-	52	37	*	-	
	Fanö ...	29.81	44	WNW	2	8	29.84	+0.06	44	40	-4	WNW	5	C	*	-	50	39	*	-	
	Cuxhaven ...	29.80	48	N	2	8	29.86	+0.06	46	44	-2	NW	2	8	*	-	50	43	*	-	
	The Helder ...	29.82	46	NNE	2	0	29.89	+0.11	49	43	+6	W	1	8c	0	-	50	43	*	-	
	Brussels ...	*	*	*	*	*	29.93	+0.16	48	46	-2	E	1	0	*	-	57	44	*	0.16	
	Berlin ...	29.75	53	NE	1	C	29.80	-0.01	50	46	-4	NW	3	0	*	-	63	46	*	0.04	
SPAN. PEN.	Frankfurt ...	29.76	50	SW	1	T	29.85	+0.05	49	46	0	S	1	0	*	-	63	45	*	0.08	
	Munich ...	29.73	52	SW	8	C	29.89	+0.04	45	44	-3	SW	5	0	*	-	61	43	*	0.39	
	C. Gris Nez ...	29.84	46	NE	4	8	?		48	45	+3	NW	1	8	1	-	52	41	*	0.08	
	Brest ...	29.99	50	N	3	8c	29.97	+0.08	48	46	+2	N	1	8c	1	-	54	41	*	0.08	
	Lorient ...	29.91	52	NE	3	8	30.00	+0.12	46	45	0	N	3	C	2	-	59	41	*	0.08	
	Rochefort ...	29.86	55	NW	4	8c	29.94	+0.10	48	47	-2	NE	3	8c	e	8c	61	43	*	-	
	Biarritz ...	29.93	55	W	3	8	30.02	+0.12	49	48	-2	S	1	0	2	-	57	46	*	0.55	
	Paris ...	29.82	54	NNW	3	0	29.97	+0.19	47	47	-2	NNE	1	8	*	-	56	43	*	0.08	
	Belfort ...	29.78	50	WSW	2	0	29.89	+0.10	44	43	-1	WSW	4	m	*	-	57	42	*	0.04	
	Lyons ...	29.86	51	NE	1	0	29.95	+0.13	49	44	+5	N	1	8	*	-	58	41	*	2.48	
SPAN. PEN.	Nice ...	29.78	54	SW	1	8	29.80	-0.06	53	49	+4	Z	0	8c	0	-	63	51	*	-	
	Perpignan ...	29.84	54	SW	3	0	29.90	+0.05	56	49	+7	NNW	3	C	*	-	62	48	*	0.04	
SPAN. PEN.	Corunna ...	30.02	53	NW	3	8	30.04	+0.05	55	49	0	NNW	4	8c	*	-	59	48	*	0.08	
	Lisbon ...	30.36	55	ENE	4	8	30.30	0.00	57	52	+5	NE	1	8	2	8	61	50	*	-	
SPAN. PEN.	Azores (P. Delgada) ...	30.37	57	SW	3	8	30.30	-0.02	54	51	-3	W	3	8	2	-	61	50	*	-	
	" (Horta) ...	30.37	57	SW	3	8	30.30	-0.02	54	51	-3	W	3	8	2	-	61	50	*	-	

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, 13th May, 1903.

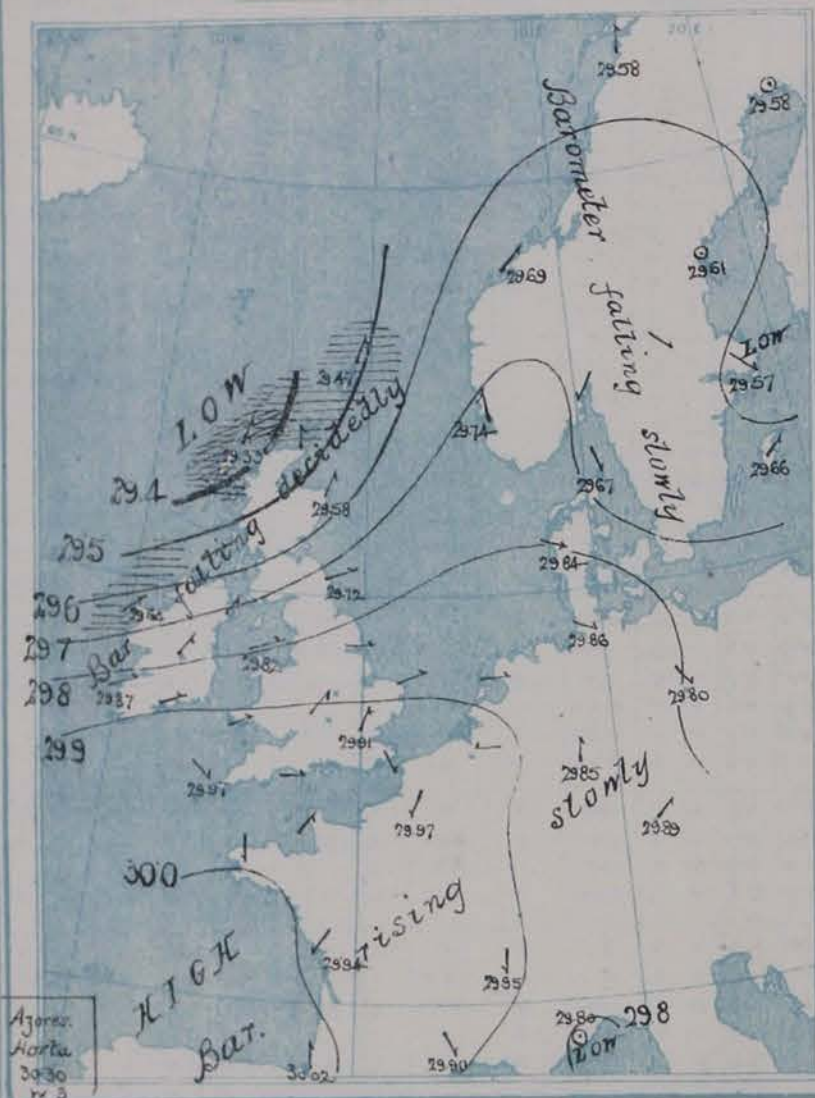
I. BAROMETER, WIND AND SEA. This Morning.

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

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

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

SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

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

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



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen { Average No of Hours daily } 6.1
(for Stornoway) { Total possible } 16.5



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure this morning is typical of the month of May. The barometer is highest over the Atlantic, to the west of Iceland (Valencia 30.03, Blackhead Point 30.00) and high readings are also reported from the Azores (Horta 30.32); probably the high pressure extends over the whole of north-west Atlantic. A shallow depression (readings above 29.60) lies over southern Sweden and a secondary system over the Netherlands. Readings in the south of France are under 29.90. The isobars over our Islands lie approximately in a north and south direction and the gradient is slight.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind over our Islands is accordingly northerly and light or moderate, but is stronger than the slight gradient would lead us to expect in the south of Ireland and at Dungeness and Yarmouth. Moderate northerly winds are also blowing over the west of France. From Germany, to the east of the low pressure over the Netherlands, southeasterly winds are reported. The wind is southerly in the north of Scandinavia; in the south of this country and over the northeast of Germany a circulation round the Swedish "low" is shown.

The weather over our Islands is fine generally but showers are reported from a number of stations. It is dull over France and Germany with rain at Brussels. In the east of Scandinavia the sky is clear, but it is cloudy or rainy to the west of the Swedish depression.

Temperature remains low over the United Kingdom but has risen somewhat at most of our stations; a decided fall has occurred on our southeast coast. Readings range from 41° at Lumburgh Head to 50° at Leith, Scilly and Roche's Point. The north wind has caused a decided fall of temperature in the west of France, in which country readings are generally low. Continental readings are between 54° at Perpignan and 36° at Hernosand.

The sea is slight generally, moderate at Valencia, Lumburgh Head and Yarmouth.

During yesterday the highest temperature reported in the British Isles was 60° at Dungeness, the lowest 34° at Naion and Lumburgh Head. Rain was slight generally and irregular in distribution. Heavy showers occurred in places. The maximum fall recorded is .35 inch at The Helder. The amount of bright sunshine recorded varied considerably, 10 hours at Pembroke being the largest amount recorded. A thunderstorm occurred at Jersey early this morning.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is now steady in the north and is falling very slightly in the southwest. No immediate changes are indicated. Fair but showery weather is probable generally with low temperatures, but the fact that the North wind has moderated and the increased amount of sunshine which is to be expected will cause the maxima to be higher today than yesterday.

FORECASTS *

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

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	N ^{ly} winds, light or moderate; still cool, some showers, bright intervals.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	N ^{ly} winds, moderate; some showers, bright intervals, still cool, but slightly warmer during the day.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	N ^{ly} winds, light or moderate; fair generally, some showers. Cool.
7	ENGLAND N.W.	
8	ENGLAND S.W.	N ^{ly} winds, moderate to fresh; fair generally, some showers. Cool.
9	IRELAND NORTH	Same as Nos. 6 and 7.
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.	Weather.	Barometer.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change					Max.	Min.			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	o	*	c, r	52	39	1.5	1.04
Bath	29.86	46	NE 3	7	29.70	+ .03	44	41	+ 1	N 1	7	*	-	51	39	0.0	-	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m. ...	47	37	o, c, 7	1.3	0.01	Eastbourne to 6 pm ...	*	*	*	3.0	*
Rhyl to 6 pm	*	*	*	2.3	*	Hastings	*	*	*	5.5	*
Llandudno	*	*	*	3.9	*	Lowestoft, to 6 p.m. ...	50	43	o, r	1.0	0.02
Aberystwyth, to 6 p.m. ...	52	43	7c, o	6.0	0.07	Harrogate, to 6 p.m. ...	45	37	o, r, c	0.1	0.15
Plymouth, to 9 p.m. ...	54	44	7c	5.6	-	Manchester, to 9 p.m. ...	46	39	o, p, c, 7c	0.0	0.03
Worthing	*	*	*	2.0	*	Darwen, to 9 p.m. ...	42	34	o, m, r, c, m, w	0.0	0.06
Brighton to 6 pm	*	*	*	3.7	*	Birmingham, to 9 p.m. ...	44	38	o, r, d	0.0	0.28

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

STATIONS. <i>11th May, 1903.</i>	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	55	45	o, o	Ins.	Tunis	82	52	o, c	Ins.
Madrid <i>Not rec'd</i>					Algiers	73	57	o, c	
Vienna	61	48	7, 7c	1.02	Madeira (Funchal) <i>Not rec'd</i>				
St. Petersburg	43	25	7, 7	-	<i>10th May, 1903.</i> <i>Obs'ns not received.</i>				
Trieste	66	52	o, c	0.08					
Florence	66	50	7, c	0.35					
Rome	69	53	o, o	-	Lugano	1 p.m.		1 p.m.	Measured 7 a.m.
Corsica (I. Sanguinaires) ...	63	48	m, m	-	Davos				
Naples	64	54	7c, c	-	Lucerne				
Palermo	73	48	f, 7	-	Lausanne				
Malta	72	58	7, 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 (Point Delgada) ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

<i>12th May, 1903.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.4	11.49	7.34
Greenwich	4.15	11.56	7.37
Wick	3.54	12.8	8.22
Valencia	4.54	12.37	8.20

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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

Thursday, 14th May, 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.	Sea (0 to 9.)	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.
	At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Max.	Min.		
	Ins.	°					Ins.	Ins.	°	°							°	°		
SCANDINAVIA.	Haparanda ...	29.60	38	SW	2	8	29.62	+0.04	44	38	+6	SE	2	8	3	-	46	27	x	-
	Hernösand ...	29.67	36	X	0	8c	29.63	+0.02	36	35	+1	X	0	f	3	-	45	32	x	-
	Stockholm ...	29.71	41	Z	0	8	29.72	+0.01	47	42	+2	SW	2	8	3	-	52	39	x	-
	Wisby ...	29.71	45	Z	0	8c	29.84	+0.18	42	40	-1	SW	2	8	3	-	50	41	x	-
	Karlstad ...	29.70	44	WSW	4	8	29.65	-0.05	43	41	+3	SSW	4	7	3	-	48	41	x	-
	Færder (X'ania Fjord) ...	29.64	46	SSW	5	0	29.52	-0.15	46	45	+3	SSW	6	7	3	-	48	41	x	0.16
	Bodö ...	29.49	37	SE	2	8c	29.41	-0.17	43	37	+9	E	4	8c	1	-	43	32	x	0.04
	Christiansund ...	29.48	43	SSW	3	c	29.28	-0.41	48	41	+9	SSE	4	0	3	-	48	37	x	-
	Skudesnaes ...	29.57	44	S	6	7	29.42	-0.32	46	44	+6	SW	4	0	4	c, 7	46	39	x	-
	Sumburgh Head ...	29.23	48	WSW	4	c	29.22	-0.25	47	45	+3	W	5	8	6	c	50	41	x	0.27
BRITISH ISLANDS.	Stornoway ...	29.28	46	WSW	5	7	29.35	+0.02	46	43	0	WNW	5	0	5	7g	53	41	4.8	0.40
	Malin Head ...	29.50	49	W	6	ogm	29.55	-0.01	49	46	+2	SW	7	om	5	ogm	50	46	x	0.04
	Blacksod Pt. ...	29.61	52	SW	6	om	29.69	+0.05	50	49	0	SW	5	om	4	pc, om	53	48	x	0.11
	Valencia ...	29.83	53	WSW	4	om	29.84	-0.03	52	51	+2	SW	6	om	6	om	55	49	0.0	0.63
	Roche's Point ...	29.85	55	WSW	4	0	29.90	+0.01	54	51	+4	SW	5	0	5	om, 0	55	49	x	-
	Parsonstown ...	29.73	53	W	4	0	29.80	+0.01	52	51	+5	WSW	4	om	3	om, 9	53	46	0.0	0.08
	Donaghadee ...	29.60	52	SW	3	op	29.67	-0.06	54	53	+9	SW	4	c	3	-	54	44	x	0.14
	Liverpool Obsy. ...	29.74	50	WSW	6	0	29.84	+0.02	53	50	+4	WSW	5	c	4	op	54	47	x	0.01
	Holyhead ...	29.74	50	SW	4	om	29.83	+0.01	51	50	+3	SW	5	c, m	4	rg, om	51	45	x	0.09
	Pembroke (St. Ann's) ...	29.86	50	SW	5	0	29.95	+0.06	51	50	+2	SW	6	oga	5	og, 9	51	48	1.7	-
GERMANY, &c.	Scilly (St. Mary's) ...	29.96	52	WSW	5	0	30.03	+0.06	52	50	+1	SW	5	0	4	0	55	49	2.9	-
	Jersey (St. Aubins) ...	30.00	52	W	3	8c	30.15	+0.17	52	50	+2	WSW	4	om	3	8c	59	48	10.7	-
	Portland Bill ...	29.94	50	W	4	8c	30.07	+0.12	51	50	+2	W	3	c	3	c, 8c	52	49	x	-
	Dungeness ...	29.92	51	SW	5	0	30.05	+0.10	52	51	+3	WSW	5	0	3	8c, 0	54	48	10.0	-
	Wick ...	29.32	49	W	4	8c	29.36	-0.07	50	48	+6	W	5	8c	2	-	52	42	x	-
	Nairn ...	29.35	51	W	3	c	29.41	-0.05	50	45	+3	W	3	8c	2	-	57	44	x	0.02
	Aberdeen ...	29.42	53	SSW	2	cm	29.47	-0.11	55	46	+9	WSW	4	8c	2	cg, cm, 8	55	44	3.4	-
	Leith ...	29.49	53	WSW	3	8c	29.55	-0.08	52	49	+4	SW	5	cp	*	-	56	47	x	0.10
	North Shields ...	29.59	50	SW	3	0	29.66	-0.06	57	52	+9	WSW	3	0	2	0, 7	57	47	x	0.02
	Spurn Head ...	29.74	51	WSW	4	c	29.82	-0.00	53	51	+3	SW	5	8c	3	-	55	47	x	-
FRANCE.	Yarmouth ...	29.81	55	WSW	3	c	29.90	+0.03	56	51	+9	WSW	5	8c	4	c	56	44	x	-
	Loughborough ...	29.91	50	WSW	2	0	30.00	+0.09	53	50	+6	SW	4	0	*	d, 0	55	47	x	-
	Oxford ...	29.88	54	WNW	2	0	30.01	+0.10	55	50	+6	WSW	5	c	*	8, 0, c	59	47	4.8	-
	London (Brixton) ...	29.88	54	WNW	2	0	30.01	+0.10	55	50	+6	WSW	5	c	*	8, 0, c	59	47	4.8	-
	The Scaw (Skagen) ...	29.74	44	W	4	8c	29.63	-0.04	46	46	0	SW	4	7	1	-	50	43	x	0.04
	Fanö ...	29.84	46	SSW	4	0	29.80	-0.04	49	48	+5	SSW	5	0	*	-	50	43	x	0.04
	Cuxhaven ...	29.89	49	W	1	8	29.93	+0.07	50	47	+4	SW	4	0	*	-	50	45	x	-
	The Helder ...	29.86	48	SW	2	8c	29.93	+0.04	51	50	+2	SW	3	8c	3	-	52	48	x	-
	Brussels ...	*	*	*	*	*	30.10	+0.17	51	48	+3	SW	3	8	*	-	57	42	x	-
	Berlin ...	29.92	52	W	2	8	30.06	+0.26	52	48	+2	WSW	2	8	*	-	59	43	x	-
SPAN. PEN.	Frankfurt ...	29.98	49	SE	1	c	30.13	+0.28	51	47	+2	SW	1	8	*	-	57	43	x	-
	Munich ...	29.98	46	SE	2	7	30.17	+0.28	48	46	+3	SW	2	8	*	-	57	41	x	0.43
	C. Gris Nez ...	29.98	52	SW	4	c	29.99	-0.01	50	50	+2	SW	4	0	4	-	55	48	x	-
	Brest ...	30.06	52	W	2	0	30.15	+0.18	53	51	+5	W	3	0	3	-	59	48	x	-
	Lorient ...	30.04	52	W	4	0	30.17	+0.17	52	50	+6	W	3	c	3	-	59	46	x	-
	Rochefort ...	30.03	55	W	4	8	30.19	+0.25	55	53	+7	W	1	8c	*	8c, 8	61	48	x	-
	Biarritz ...	30.12	55	WNW	4	8c	30.27	+0.25	50	46	+1	SSW	2	c	2	-	57	46	x	0.12
	Paris ...	29.99	57	WNW	2	8c	30.17	+0.20	48	45	+1	SW	2	8	*	-	61	40	x	-
	Belfort ...	29.90	54	WSW	4	m	30.16	+0.27	42	41	-2	WSW	4	m	*	-	59	36	x	-
	Lyons ...	29.96	56	NNE	1	8	30.20	+0.25	52	46	+3	NNW	2	8	*	-	62	46	x	-
SPAN. PEN.	Nice ...	29.86	58	NNW	1	c	30.02	+0.22	56	52	+3	NE	1	8	2	-	63	48	x	-
	Perpignan ...	29.97	57	NN	4	0	30.21	+0.31	56	48	0	NW	1	8	*	-	67	51	x	-
SPAN. PEN.	Corunna ...	30.17	53	NNW	5	8	30.25	+0.21	57	52	+2	NNW	4	8	*	-	61	52	x	0.08
	Lisbon ...	30.17	53	NNW	5	8	30.25	+0.21	57	52	+2	NNW	4	8	*	-	61	52	x	0.08
SPAN. PEN.	Azores (P. Delgada) ...	30.22	59	SSE	5	8	30.16	-0.14	60	58	+6	S	4	0	3	-	63	54	x	-
	(Horta) ...	30.22	59	SSE	5	8	30.16	-0.14	60	58	+6	S	4	0	3	-	63	54	x	-

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, 14th May, 1903.

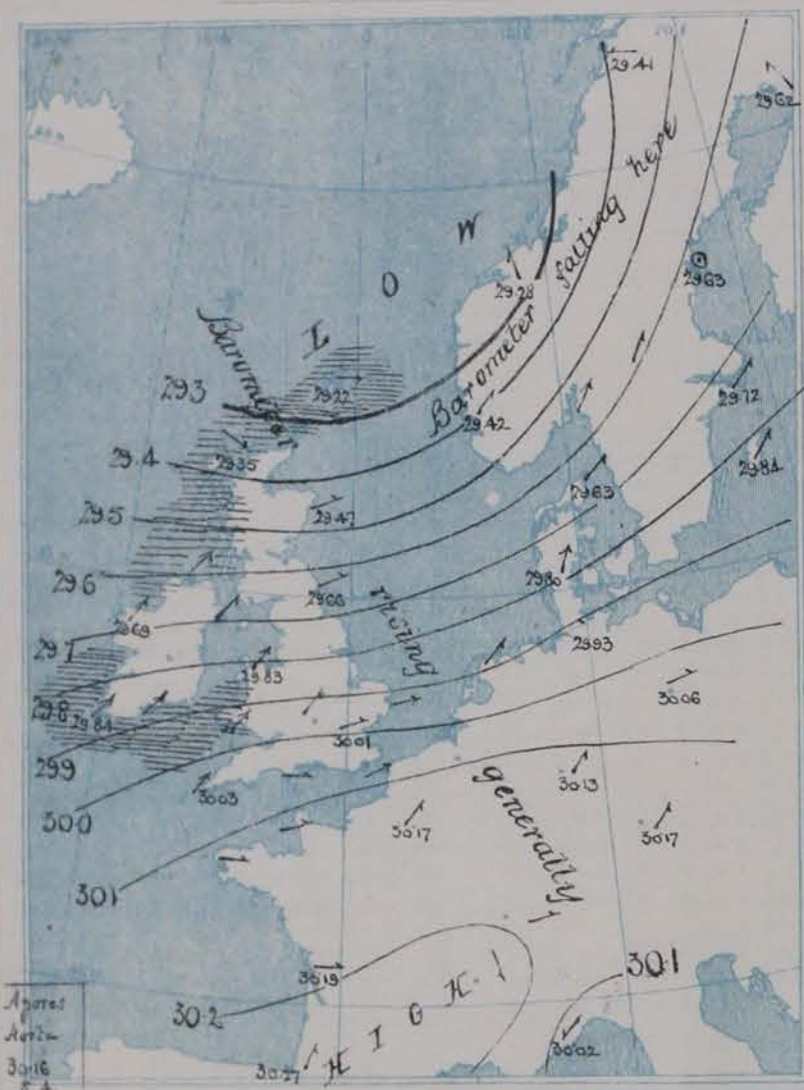
I. BAROMETER, WIND AND SEA. This Morning.

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

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

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

SEA—Rough High

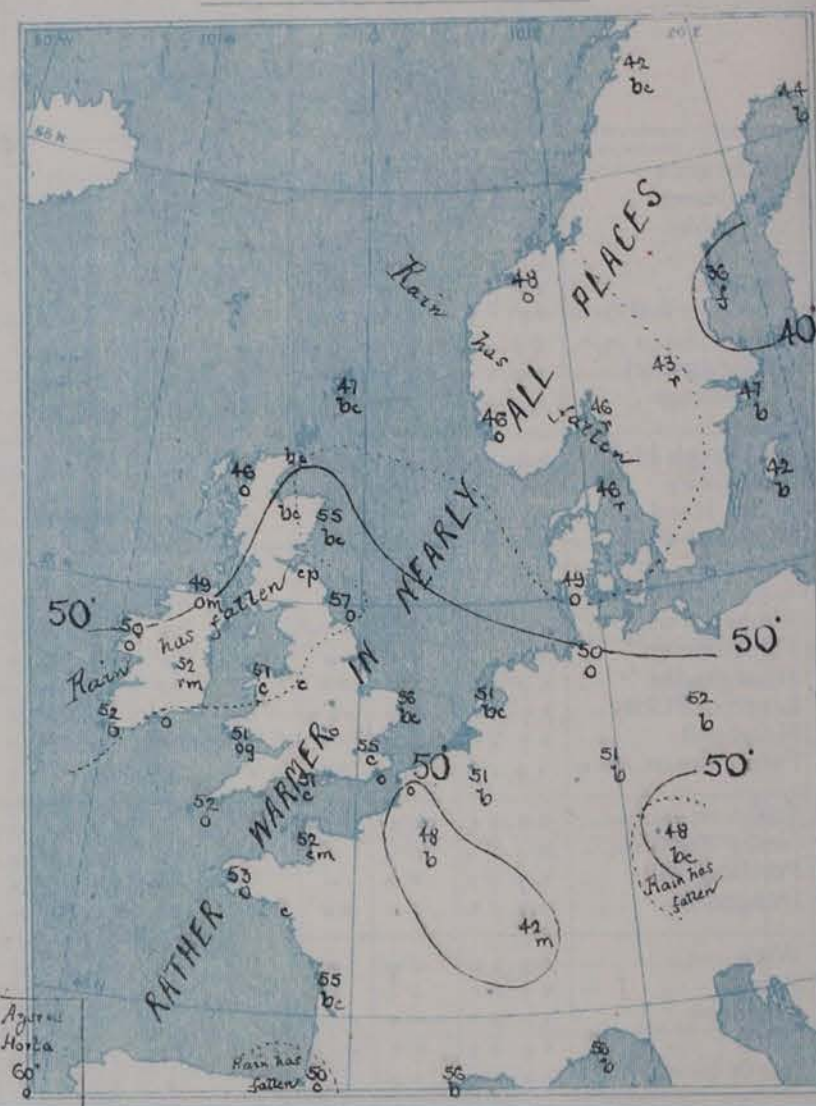


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

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

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



III. BAROMETER AND WIND

Yesterday morning.



IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen { Average No of Hours daily } 6.1
(for Stornoway) { Total possible } 16.5



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

MAY (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The conditions over northwest Europe have changed rapidly since yesterday evening. This morning's map shows a deep depression off our northwest coast (Stornoway 29.55) and an anticyclone lies over the Bay of Biscay (Biarritz 30.02). A broad ridge of rather high pressure extends from the Bay to Scandinavia and separates the region of low pressure in the west from a similar region in the east (probably over Finland). A low pressure system is also shown in the Gulf of Genoa (Nice 29.80).

WIND

The depression causes strong Southwesterly winds to blow in the north of Ireland and west of Scotland with a gale at Stornoway. Further southeast the wind is less strong and in the southeast of England it is only light. The wind over western France is light and variable. Southerly winds are reported from the west of Scandinavia, further to the east the circulation is round the eastern "low".

TEMPERATURE

The depression has brought dull weather to the northern half of our Islands with rain in the north of Ireland and west of Scotland. It is fine in the southern half of the United Kingdom and in France, but dull further to the east. The weather in Scandinavia is variable, snow is falling at Hørnessand. The Westerly wind has caused a rise of temperature at almost all our stations, but the readings are still slightly below the average and are between 44° at Wick and Lumburgh Head and 51° at Scilly. On the continent, low temperatures are still reported from France (mostly below 50°) and also from Scandinavia, Bodø 34°.

WEATHER

AND

SEA

During yesterday very little rain fell in England, but the advancing depression has brought rain to the northwest of the United Kingdom. 2.48 inches are reported from Lyons. The amount of bright sunshine was small on the south coast generally, fair in other parts of the country and reached its maximum, 12 hours, in North Wales. The clear night caused low temperatures in the south last night. Minimum on grass in London.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north will probably spread and it has been deemed advisable to warn our western coasts. The path of the centre of the disturbance will probably be eastward or southeastward.

FORECASTS *

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

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	SW ^W to W ^W strong winds or gales; dull, rainy.
1	SCOTLAND EAST	SW ^W to W ^W winds, fresh to strong; some rain, cloudy.
2	ENGLAND N.E.	
3	ENGLAND EAST	SW ^W and W ^W winds, moderate; fair at first, some rain probable later.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as N ^o 0.
7	ENGLAND N.W.	Same as N ^o 0.
8	ENGLAND S.W.	SW ^W to W ^W winds, moderate to fresh; fair at first, some rain probable later.
9	IRELAND NORTH	Same as N ^o 0.
10	IRELAND SOUTH	
WARNINGS		At 9.45 am. this morning to Districts 6, 7, 9 and 10, 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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	3	"	"	c, 30	50	38	2.8	-
Bath	29.89	54	NW 1	3	29.91	+ .01	46	45	+ 2	NW 1	3	"	-	55	32	7.5	-	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.	STATIONS	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m.	52	40	3	11.9	-	Eastbourne to 6 pm ...	*	*	*	0.5	*
Rhyl to 6 pm	*	*	*	12.0	*	Hastings	*	*	*	1.6	*
Llandudno	*	*	*	12.8	*	Lowestoft, to 6 p.m. ...	47	41	3c, 3	7.2	0.07
Aberystwyth, to 6 p.m. ...	53	44	3c	10.0	0.02	Harrogate, to 6 p.m. ...	52	31	c, 3c	5.5	-
Plymouth, to 9 p.m.	58	38	3c, 3cp	7.2	0.01	Manchester, to 9 p.m. ...	52	33	3c	5.3	-
Worthing	*	*	*	4.8	*	Darwen, to 9 p.m. ...	51	33	3c, 3cw	9.3	-
Brighton	*	*	*	2.9	*	Birmingham, to 9 p.m. ...	50	36	0c, p, c, 0	4.4	-

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

STATIONS. <i>12th May, 1903.</i>	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	57	37	o, o	ins.	Tunis	86	57	o, c	ins.
Madrid	63	36	bc, o	—	Algiers	66	55	o, c	—
Vienna	64	46	b, o	0.08	Madeira (Funchal)	64	50	c, c	—
St. Petersburg	52	32	r, r	0.20					
Trieste	66	55	bc, o	—					
Florence	69	53	b, r	0.08	<i>11th May, 1903.</i>	<u>1 p.m.</u>		<u>1 p.m.</u>	Measured 7 a.m.
Rome	70	55	o, o	—	Lugano	55	—	bc	1.58
Corsica (I. Sanguinaires) ...	63	50	m, m	—	Davos	48	—	c	0.32
Naples	71	59	b, b	—	Lucerne	57	—	bc	0.04
Palermo	76	59	o, f	—	Lausanne	59	—	b	0.24
Malta	67	60	?, 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; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	(3 rd May, 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
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.	Yarmouth	4.2	11.49	7.36
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4.13	11.56	7.39
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.52	12.8	8.25
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	4.52	12.37	8.22
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

DAILY WEATHER REPORT

for 8 a.m. on

Friday, 15th May,

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.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.			Min.				
																			Ins.			Ins.
SCANDINAVIA.	Haparanda ...	29.61	36	S	2	0	29.64	+0.02	40	34	-4	Z	0	3	-	-	48	30	*	-		
	Hernösand ...	29.49	38	N	0	f	29.66	+0.03	48	45	+12	NW	2	3	-	-	48	28	*	0.04		
	Stockholm ...	29.60	48	N	0	r	29.76	+0.04	50	44	+3	WNW	6	3	-	-	54	37	*	-		
	Wisby ...	29.73	49	SW	4	c	29.89	+0.05	45	43	+3	W	2	3	-	-	50	39	*	-		
	Karlstad ...	29.60	48	SSW	4	3	29.85	+0.20	49	44	+6	E	4	0	-	-	*	*	*	-		
	Færder (X'ania Fjord)	29.61	51	W	6	3	29.86	+0.34	49	46	+3	WSW	5	3	-	-	52	46	*	0.04		
	Bodö ...	29.37	46	ESE	2	3	29.45	+0.04	47	41	+4	E	2	3	-	-	48	41	*	-		
	Christiansund ...	29.41	44	WSW	5	0	29.62	+0.34	47	42	-1	WSW	5	c	4	-	48	41	*	0.22		
	Skudesnaes ...	29.70	47	SW	4	3c	29.80	+0.38	46	45	0	S	6	m	4	c, 3c	50	45	*	*		
	Sumburgh Head ...	29.48	47	WSW	4	3c	29.60	+0.38	46	44	-1	WSW	3	0	5	c, 3c	50	43	*	0.02		
BRITISH ISLANDS.	Stornoway ...	29.58	49	W	6	0	29.63	+0.28	45	42	-1	SW	3	0	3	org, c	52	39	10.3	0.15		
	Malin Head ...	29.73	49	W	5	0	29.82	+0.27	47	44	-2	WSW	7	3p	5	0	50	43	*	0.28		
	Blacksod Pt. ...	29.77	47	W	4	rm	29.94	+0.25	49	47	-1	W	5	3c	4	c, rm	53	45	*	0.25		
	Valencia ...	29.92	54	S	4	og	30.09	+0.25	50	45	-2	W	5	3cp	6	ogm, og	57	45	0.1	0.19		
	Roche's Point ...	29.98	54	SW	5	0	30.06	+0.16	49	46	-5	NNW	4	3	2	or	56	45	*	0.26		
	Parsonstown ...	29.87	56	SW	2	c	30.02	+0.22	47	45	-5	SW	2	3	*	or, c	58	43	1.5	0.12		
	Donaghadee ...	29.82	53	SW	2	rg	29.91	+0.24	47	46	-7	WSW	2	0	2	-	56	45	*	0.48		
	Liverpool Obsy. ...	29.95	54	WSW	6	3c	29.99	+0.15	54	50	+1	WSW	5	0	5	-	58	49	*	0.02		
	Holyhead ...	29.92	51	SW	7	cgm	29.96	+0.13	50	50	-1	SW	7	rgm	5	c, cgm	53	49	*	0.02		
	Pembroke (St. Ann's)	30.03	51	SW	6	0	30.06	+0.11	52	50	+1	SW	6	cgg	5	-	54	49	0.6	-		
GERMANY, &c.	Scilly (St. Mary's)...	30.12	54	SSW	5	op	30.13	+0.10	54	51	+2	SSW	6	0	5	o, op	56	50	0.4	-		
	Jersey (St. Aubins)...	30.25	54	SW	3	og	30.29	+0.14	52	50	0	SW	3	0	3	d, og	56	51	2.0	0.01		
	Portland Bill ...	30.16	52	WSW	3	c	30.20	+0.13	52	51	+1	SW	4	c	3	c	55	50	*	-		
	Dungeness ...	30.18	52	WSW	5	3c	30.25	+0.20	52	50	0	SW	4	0	2	3c	56	49	3.3	-		
	Wick ...	29.61	50	W	6	c	29.66	+0.30	45	43	-5	W	2	0	2	-	54	43	*	-		
	Nairn ...	29.65	53	W	3	3c	29.68	+0.27	47	44	-3	W	2	c	1	-	56	40	*	0.02		
	Aberdeen ...	29.69	58	WSW	4	3	29.73	+0.26	48	46	-7	W	1	0	2	3, c, r	62	44	12.5	0.10		
	Leith ...	29.75	51	WSW	3	0	29.80	+0.25	48	45	-4	WSW	3	op	*	-	58	46	*	0.02		
	North Shields ...	29.81	57	SW	4	c	29.85	+0.19	56	50	-1	SW	4	c	2	c	62	50	*	-		
	Spurn Head ...	29.96	57	SW	5	3c	30.01	+0.19	55	52	+2	SW	6	3c	3	-	63	48	*	-		
FRANCE.	Yarmouth ...	30.01	60	WSW	3	3	30.13	+0.23	54	48	-2	WSW	4	c	3	3c, 3	62	48	*	-		
	Loughborough ...																					
	Oxford ...	30.13	53	SW	2	0	30.17	+0.17	53	49	0	SW	4	0	*	0	58	50	*	-		
	London (Brixton)...	30.12	55	W	3	og	30.18	+0.17	54	49	-1	SW	3	c	*	og, 3c, o	59	49	0.3	-		
	The Scaw (Skagen)	29.76	48	W	5	m	29.94	+0.31	47	46	+1	SW	2	m	0	-	52	45	*	0.04		
	Fanö ...	30.00	50	SSW	5	0	30.08	+0.28	50	48	+1	SSW	4	0	*	-	54	48	*	-		
	Cuxhaven ...	30.07	55	W	3	c	30.17	+0.24	53	51	+3	SW	3	0	*	-	57	50	*	-		
	The Helder ...	30.06	52	SW	3	c	30.16	+0.23	51	49	0	SW	2	0	2	-	55	50	*	-		
	Brussels ...	*	*	*	*	*	30.31	+0.21	52	49	+1	SSW	2	0	*	-	57	48	*	-		
	Berlin ...	30.13	58	W	2	c	30.26	+0.20	57	53	+5	W	2	c	*	-	64	50	*	-		
SPAN. PEN.	Frankfurt ...	30.23	54	SW	1	c	30.32	+0.19	51	47	0	W	1	0	*	-	66	45	*	-		
	Munich ...	30.30	52	NE	2	3c	30.35	+0.18	51	48	+3	SE	2	3	*	-	59	39	*	-		
	C. Gris Nez ...	30.15	51	SW	5	3c	30.22	+0.23	50	50	0	SW	4	0	4	-	54	48	*	-		
	Brest ...	30.24	54	SW	3	0	30.28	+0.13	53	51	0	SW	2	0	2	-	55	52	*	-		
	Lorient ...	30.27	57	W	3	3c	30.31	+0.14	54	54	+2	SW	3	0	3	-	61	52	*	-		
	Rochefort ...	30.26	57	NW	3	3c	30.32	+0.13	55	54	0	NE	2	3c	*	3c	63	46	*	-		
	Biarritz ...	30.33	56	N	1	3	30.42	+0.15	51	49	+1	S	1	3	-	59	48	*	-			
	Paris ...	30.26	58	NW	2	3	30.33	+0.16	51	49	+3	SSE	1	c	*	-	64	40	*	-		
	Belfort ...	30.22	56	W	4	m	30.32	+0.16	45	43	+3	Z	0	m	*	-	63	40	*	-		
	Lyons ...	30.25	59	N	2	3	30.34	+0.14	54	46	+2	NW	1	m	*	-	64	45	*	-		

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 15TH MAY, 1903.

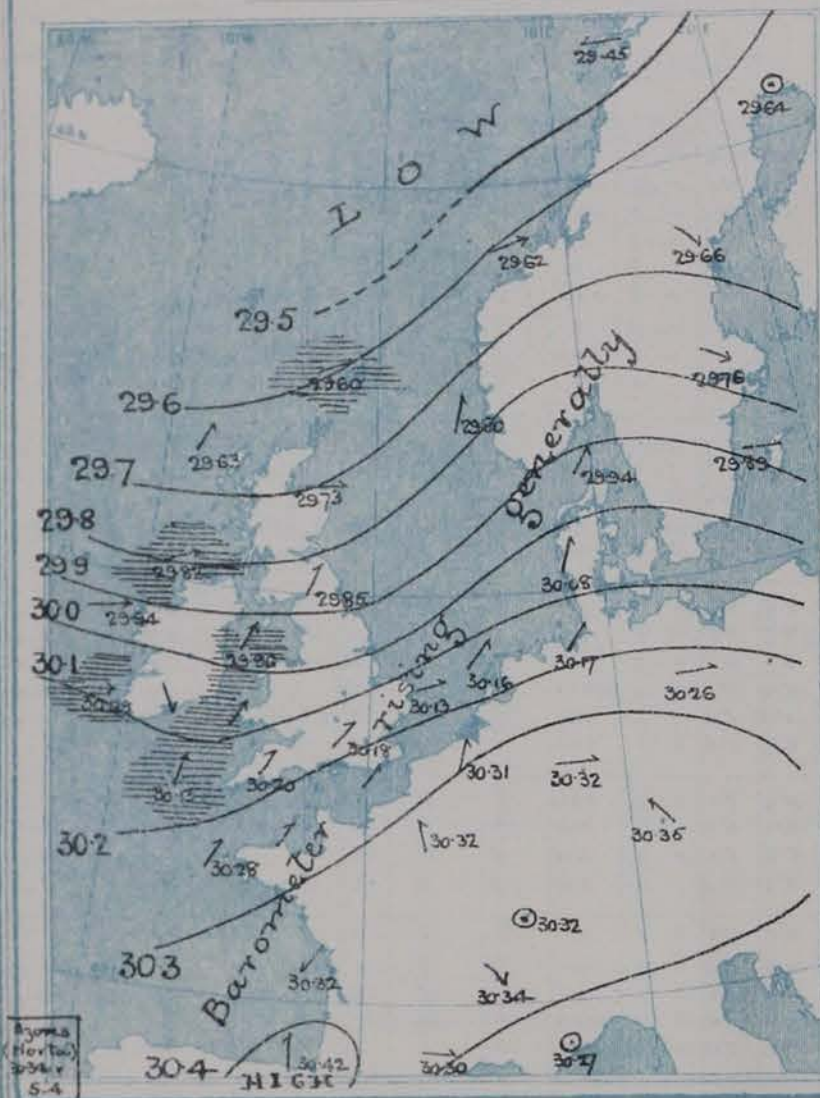
I. BAROMETER, WIND AND SEA, This Morning.

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

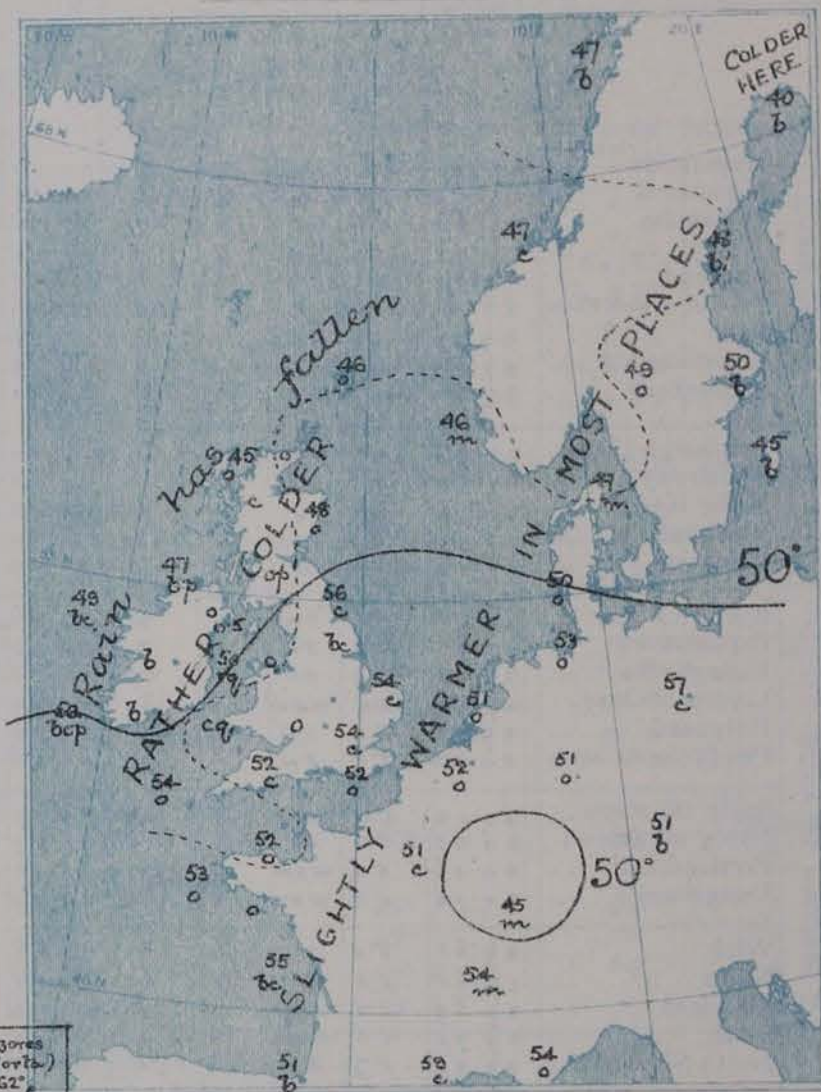


II. TEMPERATURE AND WEATHER, This Morning.

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. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of possible Duration for MAY

Specimen (for Stornoway) { Average No of Hours daily } 6.1
{ Total possible } 16.5



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

MAY (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression which lay to the northwest of our Islands yesterday morning has spread considerably and appears to have moved in a northeasterly direction. The whole of northwestern Europe is now under its influence. The region of lowest pressure is probably to the north of the Orkney Islands (Sumburgh Head 29.22, Christiansund 29.28). A wedge of high pressure extends from the Spanish peninsula over southern France and separates the low pressure in the north from a low over the Gulf of Genoa (Nice 30.02).

WIND

TEMPERATURE

WEATHER

AND

SEA

With the above distribution of pressure, the wind is Westerly or Southwesterly over the United Kingdom, France, and Germany, Southerly over Scandinavia, becoming Southeasterly in the north of the latter country (Bodø East). In intensity it is fresh or strong over our Islands and Scandinavia, but moderate to light over France and Germany. A slight tendency to back is shown in the west of Ireland. The distribution of weather shows two regions in which the sky is completely overcast with rain in places, (1) Ireland, (2) Denmark and the adjoining parts of Germany, Norway and Sweden. Variable but mostly fine weather is reported from Great Britain and the north of France. It is fine over the remainder of Germany and France. The Westerly air current has caused the temperature to rise all over our area. In our Islands this morning's readings are 9° higher than yesterday's at several stations, and are now generally above the average. In the United Kingdom readings are between 46° at Stornoway and 57° at North Shields. On the continent the highest readings are 56° at Nice and Perpignan, lowest 36° at Hernösand. The Sea is rather rough in the Bristol Channel, off the west of Ireland and the north and west of Scotland; slight elsewhere.

During yesterday the depression caused rain to fall in the northern half of our Islands, but the amounts were generally small (max. 40 in. at Stornoway). The weather remained dull over Ireland, Lancashire and north Wales, but a moderate amount of sunshine was recorded in other parts of the country (8-10 hours on the South Coast). The maximum temperature observed in the British Isles was 59° in London.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north will probably continue to move Northeasterward, but the backing wind and fall of the barometer in the west of Ireland point to the further approach of disturbances from the west. The fall of the barometer at the Azores is probably due to the passage of disturbances across the Atlantic. Fair weather, with some showers, mainly in the north, is to be expected over our Islands. As the centre of the depression appears to be some distance from our coasts, and to be moving rapidly, no heavy rainfall is expected.

FORECASTS *

For the 24 hours ending at NOON on 15th MAY, 1902

DISTRICTS.

FORECASTS.

0 SCOTLAND
NORTH

1 SCOTLAND
EAST

2 ENGLAND
N.E.

3 ENGLAND
EAST

4 MIDLAND
COUNTIES

5 ENGLAND
SOUTH

Wind chiefly Westerly, fresh or strong.
Showery, with fair intervals. Continuing mild.

W^{ly} and SW^{ly} winds, moderate or fresh; some showers, with fair intervals. Continuing mild.

DISTRICTS.

FORECASTS.

6 SCOTLAND
WEST

7 ENGLAND
N.W.

8 ENGLAND
S.W.

9 IRELAND
NORTH

10 IRELAND
SOUTH

WARNINGS

Same as Nos. 0 to 2.

SW^{ly} or W^{ly} winds, fresh or strong; changeable, some showers.

SW^{ly} to S^{ly} winds, fresh to strong; some showers, cloudy.

The South Cone is still up in districts 6, 7, 9, 10 and parts of 0 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.	Weather.	Barometer.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	8	*	3, c	56	48	8.2	-
Bath	29.90	52	w 3	8	30.02	+ .11	53	50	+ 7	w 4	0	*	-	55	46	0.0	0.02

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m. ...	53	42	o, op, c, 8	0.4	0.02	Eastbourne to 6 p.m. ...	*	*	*	9.5	*
Rhyl to 6 p.m. ...	*	*	*	0.5	*	Hastings ...	*	*	*	10.4	*
Llandudno ...	*	*	*	0.7	*	Lowestoft, to 6 p.m. ...	56	35	8c, o	6.3	*
Aberystwyth, to 6 p.m. ...	52	49	o c	5.0	0.05	Harrogate, to 6 p.m. ...	52	38	o c	0.7	0.02
Plymouth, to 9 p.m. ...	55	38	8c p, 8c	1.2	0.02	Manchester, to 9 p.m. ...	53	37	8c, op, on	0.1	0.03
Worthing ...	*	*	*	8.0	*	Darwen, to 9 p.m. ...	51	36	c, on, d, om	0.2	0.12
Brighton ...	*	*	*	8.7	*	Birmingham, to 9 p.m. ...	55	38	o, c, o	1.6	-

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

STATIONS. <i>13th May, 1903.</i>	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht ...	55	41	8c, c	Ins.	Tunis ...	73	56	o, o	Ins.
Madrid ...	61	36	o, o	0.04	Algiers ...	72	57	o, o	-
Vienna ...	66	52	c, o	0.08	Madeira (Funchal) ...	66	48	8, 8c	-
St. Petersburg ...	45	37	r, o	-	<i>12th May, 1903.</i>				
Trieste ...	63	55	o, o	0.12		1 p.m.		1 p.m.	Measured 7 a.m.
Florence ...	70	53	o, o	0.08	Lugano ...	50	-	r	0.67
Rome ...	78	58	o, o	-	Davos ...	52	-	c	-
Corsica (I. Sanguinaires) ...	64	50	m, m	-	Lucerne ...	61	-	8	0.08
Naples ...	73	59	8, o	-	Lausanne ...	46	-	r	-
Palermo ...	76	55	o, o	-					
Malta ...	72	61	?, 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 { Point Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
{ Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

<i>14th May, 1903.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	4.0	11.49	7.38
Greenwich ...	4.12	11.56	7.40
Wick ...	3.50	12.8	8.27
Valencia ...	4.50	12.37	8.24

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, 69, 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, 16th May, 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.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
							At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Max.	Min.			
																					Ins.
SCANDINAVIA.	Haparanda ...	29.67	40	S	2	C	29.65	+0.1	39	38	-1	S	2	3	-	48	28	*	-		
	Hernösand ...	29.73	43	Z	0	C	29.67	+0.1	48	44	0	SW	4	C	*	61	37	*	0.06		
	Stockholm ...	29.86	54	SW	2	0	29.78	+0.2	51	45	+1	W	6	3	-	61	45	*	-		
	Wisby ...	30.00	48	W	2	3c	29.96	+0.7	48	46	+3	SW	4	3	-	57	41	*	-		
	Karlstad ...	29.80	48	SW	4	0	29.82	-0.3	49	43	0	W	4	C	*	50	45	*	-		
	Færder (X'ania Fjord) ...	29.76	48	SW	6	m	29.82	-0.4	48	44	-1	SW	6	3	4	50	45	*	-		
	Bodö ...	29.62	42	Z	0	3c	29.54	+0.9	45	40	-2	SE	2	0	1	47	41	*	0.12		
	Christiansund ...	29.62	37	WSW	2	r	29.58	-0.4	45	41	-2	W	3	C	3	48	37	*	0.39		
	Skudesnaes ...	29.82	45	WSW	4	m	29.86	+0.6	46	45	0	W	6	m	4	48	45	*	-		
	Sumburgh Head ...	29.58	44	WSW	4	C	29.69	+0.9	46	44	0	WSW	4	3	5	50	40	*	0.15		
BRITISH ISLANDS.	Stornoway ...	29.70	47	W	7	0	29.76	+0.13	45	43	0	SSW	2	0	2	51	38	9.4	0.17		
	Malin Head ...	29.96	48	W	8	3c	29.84	+0.2	46	46	-1	SW	6	0	4	50	43	*	0.09		
	Blacksod Pt. ...	30.07	49	WSW	5	C	29.86	-0.8	51	49	+2	SW	7	6	6	53	45	*	0.33		
	Valencia ...	30.23	51	WSW	5	C	30.06	-0.3	50	48	0	SW	6	6	6	53	47	8.8	0.04		
	Roche's Point ...	30.21	55	W	4	3c	30.12	+0.6	50	49	+1	WSW	3	0	3	58	47	*	0.03		
	Parsonstown ...	30.15	52	W	4	C	30.02	0.0	48	46	+1	SSW	3	0	*	56	44	10.0	0.07		
	Donaghadee ...	30.05	54	WNW	4	C	29.97	+0.6	47	46	0	W	3	C	2	57	45	*	0.01		
	Liverpool Obsy. ...	30.13	54	WNW	3	3	30.09	+1.0	49	46	-5	WSW	2	0	2	55	44	*	0.08		
	Holyhead ...	30.13	50	SW	3	C	30.08	+1.2	48	47	-2	SW	3	0	2	55	46	*	0.19		
	Pembroke (St. Ann's) ...	30.21	50	WNW	5	3	30.14	+0.8	49	48	-3	WSW	6	0	6	53	49	6.8	0.09		
GERMANY, &c.	Scilly (St. Mary's) ...	30.27	53	W	4	C	30.24	+1.1	51	48	-3	WSW	5	C	5	55	47	7.5	-		
	Jersey (St. Aubins) ...	30.29	54	WSW	3	3	30.36	+0.7	51	47	-1	WSW	4	3	3	58	45	1.8	-		
	Portland Bill ...	30.21	52	WSW	5	C	30.28	+0.8	50	47	-2	W	4	C	3	54	47	*	0.01		
	Dungeness ...	30.22	53	WSW	5	3c	30.25	0.0	52	49	0	W	4	3	2	57	44	0.7	-		
	Wick ...	29.71	39	W	7	C	29.76	+1.0	45	43	0	W	2	3	2	45	38	*	0.03		
	Nairn ...	29.78	44	W	6	0	29.80	+1.2	48	45	+1	W	2	C	1	55	38	*	0.05		
	Aberdeen ...	29.82	52	W	5	3	29.87	+1.4	47	43	-1	S	3	0	2	58	41	8.2	0.02		
	Leith ...	29.92	49	W	4	3	29.89	+0.9	50	45	+2	WSW	4	C	*	57	44	*	-		
	North Shields ...	29.98	56	SW	4	C	30.01	+1.6	49	45	-7	SW	3	0	2	58	44	*	0.02		
	Spurn Head ...	30.07	51	SW	4	3c	30.12	+1.1	49	47	-6	SW	3	C	3	55	43	*	0.02		
FRANCE.	Yarmouth ...	30.09	59	WSW	4	C	30.16	+0.3	49	46	-5	WSW	4	C	3	59	40	*	0.06		
	Loughborough ...	30.20	50	N	1	0	30.23	+0.6	49	46	-4	WSW	2	0	*	59	42	*	0.08		
	Oxford ...	30.15	58	WSW	4	C	30.23	+0.5	51	47	-3	WSW	3	0	0	60	43	1.5	-		
	London (Brixton) ...	30.15	58	WSW	4	C	30.23	+0.5	51	47	-3	WSW	3	0	0	60	43	1.5	-		
	The Scaw (Skagen) ...	29.89	48	WSW	3	m	29.94	0.0	49	46	+2	W	4	0	1	55	45	*	-		
	Fanö ...	30.08	49	SW	5	0	30.10	+0.2	49	47	-1	WSW	4	0	*	54	46	*	-		
	Cuxhaven ...	30.19	53	W	2	0	30.16	-0.1	49	47	-4	NW	2	0	*	55	48	*	-		
	The Helder ...	30.13	51	SW	3	0	30.16	0.0	52	49	+1	WNW	1	0	1	55	48	*	0.04		
	Brussels ...	*	*	*	*	*	30.27	-0.4	53	50	+1	WSW	3	0	*	60	47	*	-		
	Berlin ...	30.21	58	WNW	1	0	30.20	-0.6	54	50	-3	WNW	2	0	*	63	52	*	-		
SPAN. PEN.	Frankfurt ...	30.26	54	N	1	C	30.27	-0.5	54	50	+3	SW	2	m	*	64	51	*	-		
	Munich ...	30.26	53	SW	6	0	30.32	-0.3	51	49	0	W	6	C	*	63	46	*	-		
	C. Gris Nez ...	30.21	51	SW	4	C	30.22	0.0	49	48	-1	W	4	0	3	55	46	*	-		
	Brest ...	30.32	54	W	4	0	30.36	+0.8	50	48	-3	NW	2	0	2	57	48	*	0.04		
	Lorient ...	30.34	56	W	4	C	30.38	+0.7	50	50	-4	NNW	3	0	2	61	48	*	0.04		
	Rocheport ...	30.36	58	NW	4	3	30.43	+1.1	56	53	+1	NW	3	0	0	63	52	*	-		
	Biarritz ...	30.45	57	N	2	3	30.44	+0.2	56	52	+5	S	1	0	2	59	50	*	-		
	Paris ...	30.30	59	NW	3	0	30.36	+0.3	55	51	+4	SW	2	0	*	66	48	*	-		
	Belfort ...	30.20	60	WSW	4	0	30.34	+0.2	46	45	+1	WSW	3	m	*	67	41	*	-		
	Lyons ...	30.29	61	NNW	2	3	30.39	+0.5	56	53	+2	NW	2	C	*	67	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 SATURDAY, 16TH MAY, 1903.

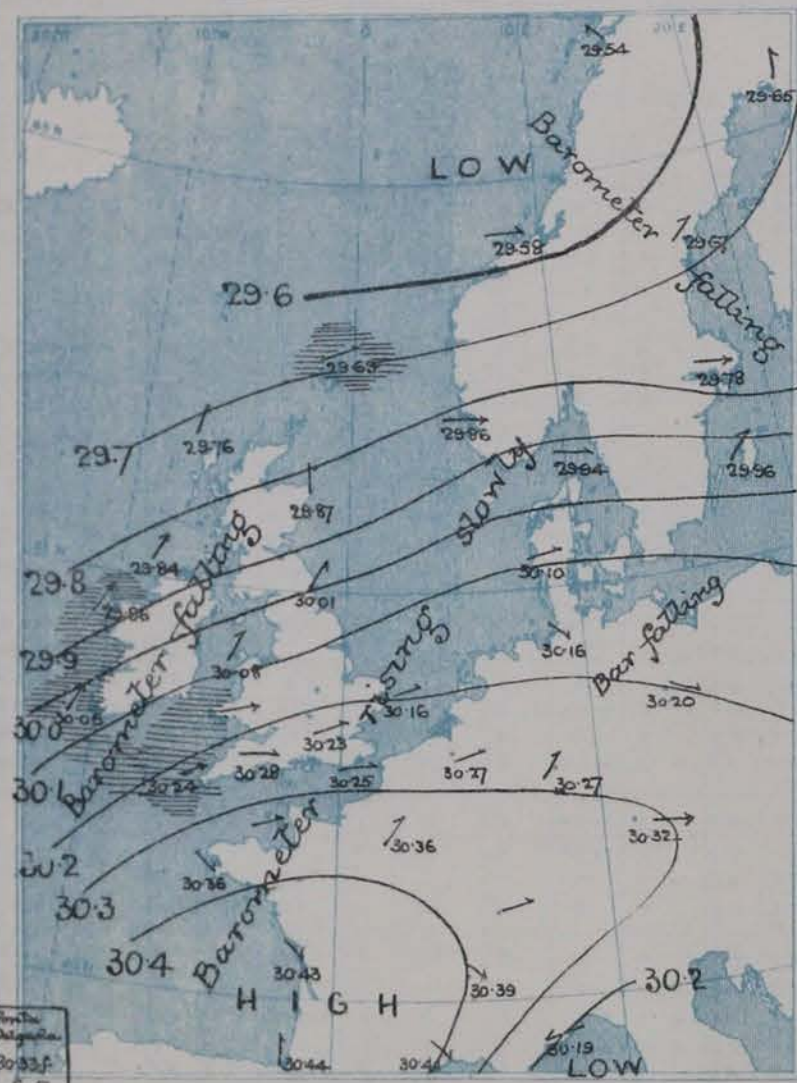
I. BAROMETER, WIND AND SEA. This Morning.

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

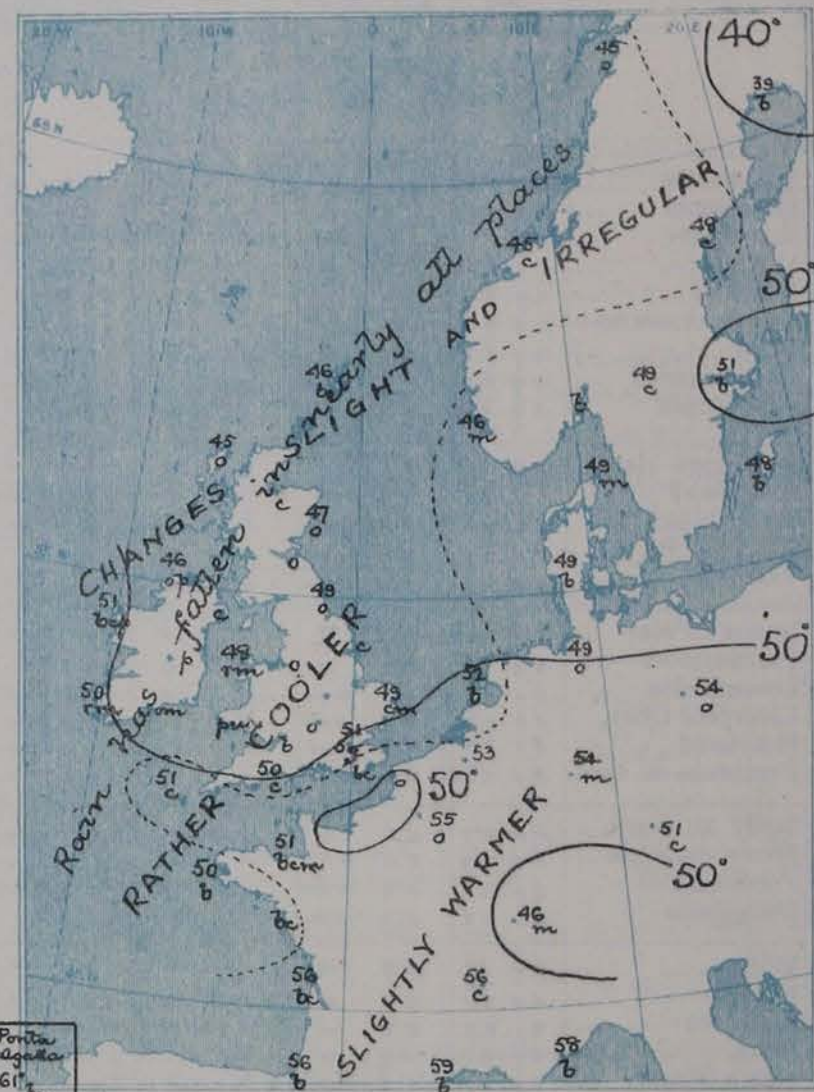


II. TEMPERATURE AND WEATHER. This Morning.

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



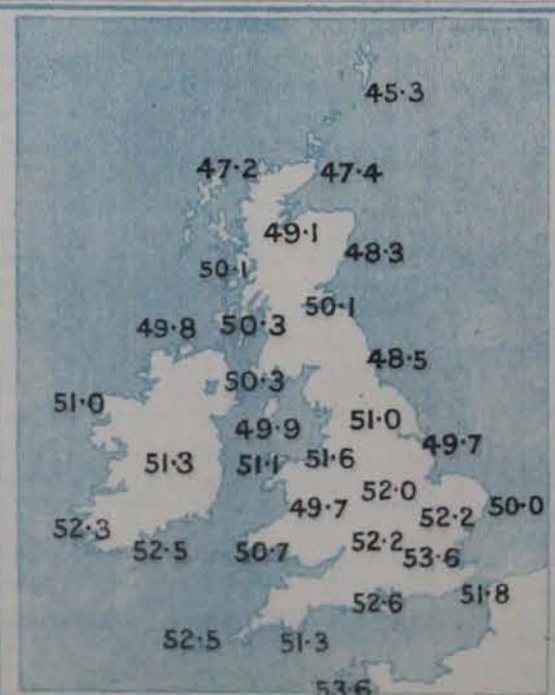
III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES

combined for the month of
MAY (1871-1900)



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The large depression which extended over northwest Europe yesterday has moved in a northeasterly direction, but our Islands and Scandinavia are still under its influence. A shallow "V" shaped secondary is shown over the Bristol Channel. The height of the barometer in the United Kingdom is between 29.50 at Lumburg Head and 30.25 at Dungeness. The anticyclone which lay over the Spanish peninsula yesterday has spread northeasterly and now extends over France and the west of Germany. Highest barometer reading 30.42 at Biarritz.

WIND

The wind over our Islands and Scandinavia is generally Westerly or Southwesterly and moderate or fresh in intensity though it still blows strongly at some exposed stations. In Northwesterly at Roshes Point. In the anticyclonic area over France and Germany the wind is light and generally Westerly. The sky is overcast or cloudy over

TEMPERATURE

Great Britain, the west of Scandinavia, and the north of Germany, but it is clear in Ireland in the rear of the "V". It is also fine in France and the east and north of Scandinavia. It is raining at Holyhead and showers are reported from several stations in the west and north of the Islands.

WEATHER

Temperature has fallen somewhat in Ireland and Scotland where the wind has veered slightly; it has changed little in England. Readings are now between 45° at Stornoway and Wick and 56° at North Shields. On the continent a slight rise of temperature is reported from most stations, readings being between 59° at Perpignan and 40° at Haparanda.

AND

The Sea is rather rough on our western coasts and in the Irish Sea, moderate or slight elsewhere.

SEA

The depression caused rain to fall yesterday in Scotland, Ireland and the northwest of England, and also at several stations in Scandinavia. The heaviest fall occurred in Ireland (Donaghadee 4.8 inch). The amount of bright sunshine recorded was generally small, but over 10 hours is reported from Stornoway and Aberdeen. The highest temperature recorded yesterday was 63° at Shields. On the continent the thermometer fell to 28° at Herö and during the night, but it has now risen to 48°.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The secondary disturbance noticed above will cause cloudy weather with some showers over England and Scotland, but an improvement may be expected this evening or tomorrow as it passes away. The barometer is rising in the west at the Azores and also over France, and the anticyclonic conditions over France appear to be spreading northward.

FORECASTS *

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	W ^{ly} winds, moderate; cloudy, some showers.	6 { SCOTLAND WEST	Same as No. 2.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.	SW ^{ly} or W ^{ly} winds, moderate to fresh; cloudy, some showers, fairer tomorrow.	8 { ENGLAND S.W.	SW ^{ly} to W ^{ly} winds, fresh to moderate; some showers, fair later.
3 { ENGLAND EAST	SW ^{ly} to W ^{ly} winds, moderate; cloudy, some showers at first, improving at night and tomorrow. Remaining mild.	9 { IRELAND NORTH	W ^{ly} winds, moderate or fresh; fair generally.
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.	Weather.	Barometer.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	0	*	C, 0	58	49	5.7	-
Bath	30.11	55	w 2	3	30.16	+ .14	51	49	- 2	w 1	0	*	-	58	50	0.0	0.0	

Clacton-on-Sea	*	*	*	*	*	*	*	*	*	0	*	c, o	58	49	5.7	-
Bath	30.11	55	w 2	8	30.16 +.14	51	49	- 2	w 1	0	*	-	58	50	0.0	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			

Southport, to 9 p.m.	59	50	op, bc, b	4.5	0.02	Eastbourne to 6 pm	*	*	*	5.0	*
Rhyl to 6 pm	*	*	*	4.5	*	Hastings	*	*	*	3.3	*
Llandudno	*	*	*	0.0	*	Lowestoft, to 6 p.m. ...	61	46	f, co, c	7.0	-
Aberystwyth, to 6 p.m. ...	55	51	oc	0.0	-	Harrogate, to 6 p.m. ...	53	46	c, p, or	0.0	0.18
Plymouth, to 9 p.m.	56	50	o, op	0.0	0.01	Manchester, to 9 p.m. ...	58	49	o, bc, o	0.5	0.01
Worthing	*	*	*	1.9	*	Darwen, to 9 p.m. ...	55	36	op, cv	0.8	0.01
Brighton	*	*	*	0.7	*	Birmingham, to 9 p.m. ...	57	48	c, o	1.6	-

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

STATIONS. <i>14th May, 1903.</i>	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		

Utrecht	57	46	c, o	Ins.	Tunis	75	57	c, o	Ins.
Madrid	64	39	o, o	0.08	Algiers	75	54	r, c	0.20
Vienna	63	52	c, c	-	Madeira (Funchal) <i>Not recd.</i>				
St. Petersburg	41	36	bc, r	0.24					
Trieste	63	54	c, r	0.47					
Florence	72	54	bc, o	0.04					
Rome	72	57	o, o	0.08					
Corsica (I. Sanguinaires) ...	64	52	m, m	-					
Naples	71	57	o, o	-					
Palermo	75	57	o, o	-					
Malta	73	61	? , c	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
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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) ...	6.51 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 { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

<i>15th May 1903.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
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Yarmouth	3.59	11.49	7.39
Greenwich	4.10	11.56	7.42
Wick	3.48	12.8	8.29
Valencia	4.48	12.37	8.25

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 Sunday 17th May

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.		BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Inch.			
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.			Max.	Min.					
																					Ins.	°	Ins.
SCANDINAVIA.	Haparanda ...	29.45	37	S	2	o	29.46	-19	38	36	-1	S	2	c	*	-	50	30	*	0.12			
	Hernösand ...	29.58	43	Z	0	bc	29.58	-09	43	37	-5	W	4	b	*	-	55	30	*	-			
	Stockholm ...	29.77	50	W	3	b	29.72	-06	50	45	-1	W	6	c	*	-	57	46	*	-			
	Wisby ...	29.87	46	W	2	bc	29.83	-13	45	42	-3	W	2	b	*	-	54	43	*	-			
	Karlstad ...	29.78	48	W	4	b	?		46	42	-3	WSW	2	b	*	-	*	*	*	-			
	Færder (X'ania Fjord)	29.78	47	WSW	6	c	29.74	-08	48	44	0	WSW	2	bc	3	-	50	46	*	-			
	Bodö ...	29.51	44	NW	4	o	29.49	-05	43	42	-2	NW	2	+	1	-	48	41	*	0.12			
	Christiansund ...	29.69	40	W	5	o	29.64	+06	38	37	-7	W	7	+	5	-	45	37	*	0.16			
	Skudesnaes ...	29.84	44	WSW	2	m	29.75	-11	45	45	-1	NE	2	b	3	m	50	41	*	*			
BRITISH ISLANDS.	Sumburgh Head	29.75	45	NW	1	b	29.80	+11	43	39	-3	N	3	b	4	c, b	49	37	*	0.04			
	Stornoway ...	29.73	49	SW	3	o	29.89	+13	45	42	0	NNE	3	o	3	p, o	51	36	4.7	0.08			
	Malin Head ...	29.67	44	N	5	op	29.87	+03	46	43	0	N	8	b	6	o, op	51	43	*	0.28			
	Blacksod Pt. ...	29.79	47	NNW	4	cp	30.02	+16	49	47	-2	NNW	5	cp	4	cg, m, cp	51	42	*	0.42			
	Valencia ...	29.85	48	WSW	6	op	30.06	00	47	43	-3	N	5	op	5	og, r, op	54	43	0.1	0.36			
	Roche's Point ...	29.85	49	WSW	5	op	29.97	-15	49	45	-1	NNW	6	b	4	og, op	54	41	*	0.17			
	Parsonstown ...	29.76	46	SW	1	p	29.94	-08	47	44	-1	NNW	4	c	*	op	54	39	1.1	0.17			
	Donaghadee ...	29.70	52	S	3	cp	29.75	-22	46	45	-1	N	4	og	4	-	53	43	*	0.62			
	Liverpool Obsy.	29.87	49	WSW	4	o	29.66	-43	46	45	-3	WNW	3	c	3	p, o	54	44	*	0.12			
GERMANY, &c.	Holyhead ...	29.82	48	SW	7	dgm	29.70	-38	46	46	-2	NW	7	dq	6	odgm	52	44	*	0.16			
	Pembroke (St. Ann's)	29.92	49	SW	6	o	29.84	-30	47	45	-2	NW	6	bq	5	-	53	44	0.0	0.36			
	Scilly (St. Mary's)...	30.05	52	WSW	6	o	29.96	-28	50	48	-1	NW	5	c	5	o	55	48	0.0	0.14			
	Jersey (St. Aubins)...	30.21	53	SW	4	og	29.95	-41	51	46	0	WNW	5	bc	4	cg, p	56	46	7.7	0.09			
	Portland Bill ...	30.10	50	WSW	4	c	29.82	-46	47	45	-3	NW	6	cg	5	c	52	44	*	0.09			
	Dungeness ...	30.14	49	W	5	ou	29.73	-42	49	47	-3	WSW	6	c	4	o, ou	55	46	4.7	0.08			
	Wick ...	29.73	48	W	3	bc	29.83	+07	43	40	-2	N	3	bc	2	-	52	36	*	0.01			
	Nairn ...	29.70	46	Z	0	+	29.84	+04	45	44	-3	WNW	4	o	2	-	56	41	*	0.44			
	Aberdeen ...	29.71	47	ESE	2	cpm	29.80	-07	47	43	0	N	5	cg	3	cpm, r	55	42	0.9	0.36			
FRANCE.	Leith ...	29.71	52	SSW	3	o	29.77	-12	46	44	-4	NNE	3	op	*	-	56	44	*	0.04			
	North Shields ...	29.80	54	SW	3	c	29.66	-35	48	47	-1	NNW	2	o	2	c, r	58	44	*	0.09			
	Spurn Head ...	29.80	49	SW	4	cp	29.65	-47	48	47	-1	W	1	c	2	cp	55	45	*	0.10			
	Yarmouth ...	30.02	55	WSW	4	c	29.67	-49	47	45	-2	WNW	3	o	3	r, c	57	44	*	0.25			
	Loughborough ...																						
	Oxford ...	30.00	46	SW	2	op	29.72	-51	45	43	-4	W	4	+	*	o, op	53	44	*	0.23			
	London (Brixton)...	30.06	49	SW	2	ot	29.75	-48	47	44	-4	W	4	o	*	o, ot	60	43	0.0	0.23			
	The Scaw (Skagen)	29.89	46	W	3	m	29.78	-16	48	46	-1	WSW	2	m	0	-	52	43	*	-			
	Fanö ...	30.00	47	SW	2	b	29.83	-27	46	45	-3	SSW	4	o	*	-	54	46	*	-			
SPAN. PEN.	Cuxhaven ...	30.09	52	WNW	1	o	29.86	-30	45	44	-4	S	5	+	*	-	54	45	*	0.12			
	The Helder ...	30.03	50	SW	2	o	29.74	-42	50	48	-2	SW	4	c	2	-	55	45	*	0.24			
	Brussels ...	*	*	*	*	*	29.88	-39	49	47	-4	SSW	4	o	*	-	61	44	*	0.04			
	Berlin ...	30.04	54	WNW	2	+	29.98	-22	52	50	-2	SW	1	o	*	-	63	46	*	0.04			
	Frankfurt ...	30.15	54	NW	1	o	29.98	-29	51	49	-3	S	1	+	*	-	64	50	*	0.16			
	Munich ...	30.27	50	SW	2	+	30.12	-20	52	49	+1	SW	2	o	*	-	55	46	*	0.28			
	C. Gris Nez ...	30.12	49	SW	4	o	29.80	-42	50	48	+1	SSW	6	+	5	-	54	46	*	0.08			
	Brest ...	30.20	53	SW	4	o	30.01	-35	50	46	0	NW	4	c	4	-	54	48	*	0.08			
	Lorient ...	30.24	54	W	3	c	29.99	-39	52	52	+2	W	6	c	7	-	61	48	*	-			

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, 17th MAY,

1903.

I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force above 10 →

Force 5 to 7 →

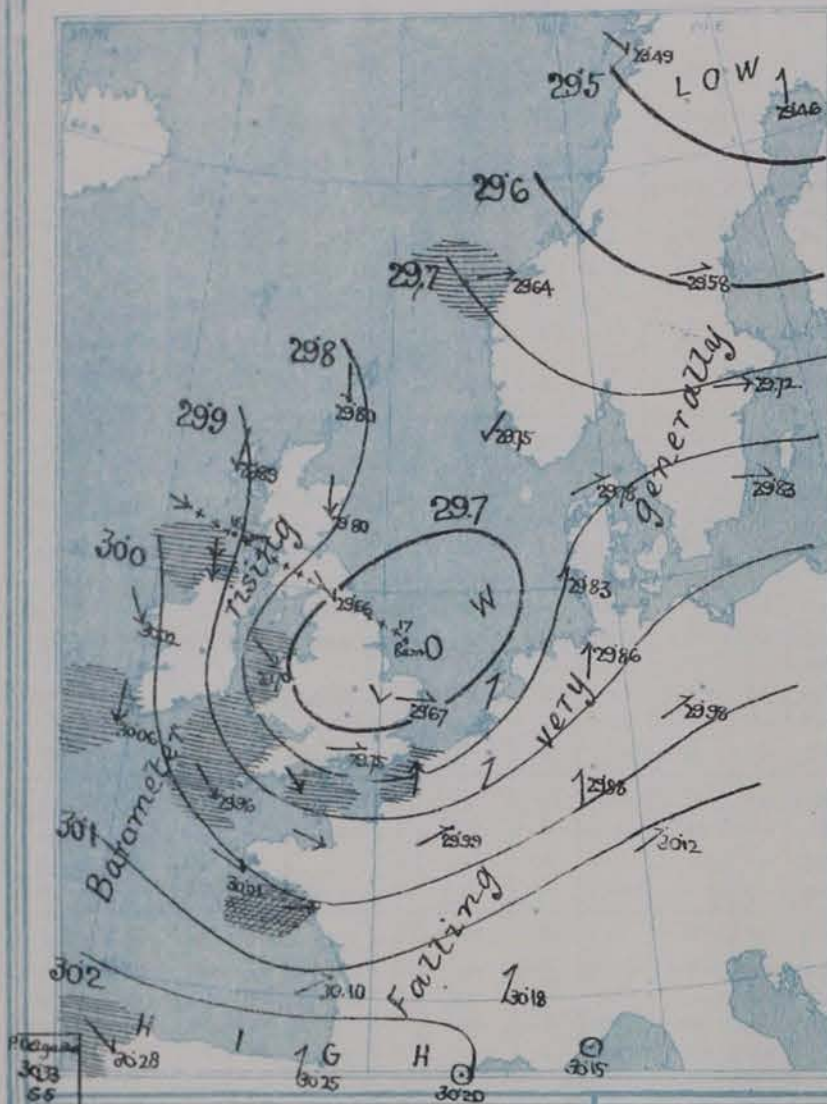
Calm ☉

Force 3 to 5 →

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 — 0.75

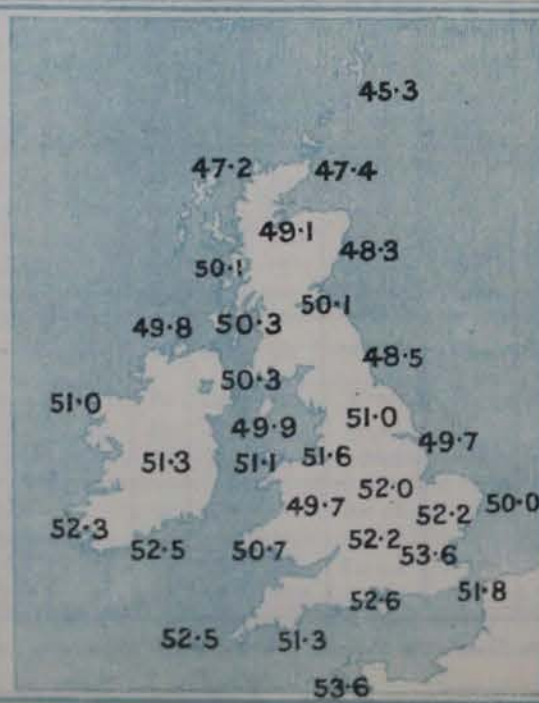


III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

A decided fall of the barometer has occurred in the west since yesterday evening. A large depression, the centre of which appears to lie between Norway and Iceland, extends over our Islands and Scandinavia, the highest and lowest barometer readings reported from our Islands being 29.69 at Lumburgh Head and 30.28 at Portland. The highest reading received this morning is 30.44 from Biarritz, from which place a wedge of high pressure extends northward over France separating the northern low pressure system from a "low" over the Gulf of Genoa. (Nise 30.19). A decided fall of the barometer is reported from the Azores.

WIND

The wind is Westerly over our area generally, but Southerly in the north of Scandinavia; in the northern half it is fresh in many exposed places, (strong in the north of Ireland) and moderate elsewhere; over France and Germany it is moderate or light. Easterly winds are reported from Nise, on the southern side of the wedge of high pressure.

TEMPERATURE

WEATHER

AND

SEA

The fall of the barometer in the west is causing unsettled showery weather in Ireland and the west of Wales. Over the remainder of our area it is fair, though cloudy at the majority of British stations and at some continental ones.

Temperature has changed little in Scotland and Ireland, but the fall in temperature shown in these countries yesterday has spread to England, where the readings this morning are generally lower than yesterdays. Readings now lie between 45° in the north of Scotland and 52° at Dungeness. Continental readings differ little from yesterdays but are a few degrees higher at most places.

The sea is rather rough on our western and northwestern coasts, but moderate or slight in the Irish Sea, Channel and North Sea.

During yesterday light showers occurred at most of our stations and also at several places in Scandinavia and the northwest of France. The amount of bright sunshine was small in the southeast of England; moderate amounts are reported from the remainder of the country (max. 10 hrs at Parsonstown). The passage eastward of the secondary disturbance noticed on yesterday's map probably accounts for this absence of sunshine in the southeast. The highest temperature noted yesterday was 60° in London, (74° on the continent at Perpignan).

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The wind is likely to become fresher over our Islands generally, but warnings have not been issued at present, showery weather will spread to England and Scotland. The distribution of pressure remains favourable to the passage of disturbances to the north of our Islands, causing showery weather with bright intervals, the rainfall being heaviest in the north.

FORECASTS *

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

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	W ^{ly} to S.W. ^{ly} winds, fresh to strong; some rain.
1	{ SCOTLAND EAST	W ^{ly} to S.W. ^{ly} winds, fresh; showery.
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	W ^{ly} to S.W. ^{ly} winds, fresh; fair at first, some showers later.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	



DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as N ^o 0.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	W ^{ly} to S.W. ^{ly} winds, fresh to strong; some showers.
9	{ IRELAND NORTH	Same as N ^o 0.
10	{ IRELAND SOUTH	

WARNINGS

None issued at present.

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.	Temp.	Wind.	Weather.	Barometer.	Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun-	Rainfall
	Ins.	°			Ins.	Change.	Dry.	Wet.	Change.				Max.	Min.	Hrs.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	o, c	56	40	2.3	-
Bath	30.16	54	w 2	z	30.23	+0.07	48	45	- 3	w 1	z	-	60	40	4.0	0.15

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort)	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	55	47	o, p, c	6.3	0.04	Eastbourne to 6 pm ...	*	*	*	5.1	*
Rhyl to 6 pm	*	*	*	6.0	*	Hastings	*	*	*	4.5	*
Llandudno	*	*	*	6.0	*	Lowestoft, to 6 p.m. ...	59	49	o, c, o	0.3	-
Aberystwyth, to 6 p.m. ...	53	46	o, c, z	5.0	0.05	Harrogate, to 6 p.m. ...	58	46	o, z, c, z, v	8.8	0.01
Plymouth, to 9 p.m....	57	47	z, c, o, p	4.7	0.05	Manchester, to 9 p.m. ...	56	48	z, c, p, z	5.0	0.05
Worthing	*	*	*	5.5	*	Darwen, to 9 p.m. ...	54	43	z, c, r, z, v	6.2	0.16
Brighton	*	*	*	4.0	*	Birmingham, to 9 p.m. ...	57	47	c, r, c, o	2.5	0.10

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

STATIONS. <i>15th May, 1903.</i>	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	61	50	o, o	Ins.	Tunis	64	57	o, o	Ins.
Madrid	66	39	c, z	?	Algiers	66	54	o, c	-
Vienna	66	50	o, z	-	Madeira (Funchal) ...	63	50	z, o	-
St. Petersburg	48	34	z, z, c	0.04	<i>14th May, 1903.</i>				
Trieste	<i>Not recd.</i>								
Florence	66	48	z, o	-	Lugano	64	-	z, c	-
Rome	69	49	z, o	-	Davos	46	-	c	-
Corsica (I. Sanguinaires) ...	64	54	m, m	-	Lucerne	61	-	z, c	0.04
Naples	67	55	z, o	-	Lausanne	63	-	z	-
Palermo	72	57	o, t	0.04					
Malta	68	61	?, 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 { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

<i>16th May 1903.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.58	11.49	7.40
Greenwich	4.9	11.56	7.43
Wick	3.46	12.8	8.31
Valencia	4.47	12.37	8.26

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

Monday, 18th May,

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.	Force (0 to 12.)	Weather	Sea (0 to 9.)	BAROMETER.	TEMPERATURE.				WIND.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.
	At 32° and M.S.L.	Dry Bulb.	Dirac.				At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.					Max.	Min.		
	Ins.	°					Ins.	Ins.	°	°							°	°		
SCANDINAVIA.	Haparanda ...	29.47	37	SSE	2	0	29.61	+15	41	39	+3	Z	0	0	0	-	43	32	*	-
	Hernösand ...	29.57	43	Z	0	0	29.63	+15	44	39	+1	Z	0	0	0	-	55	34	*	-
	Stockholm ...	29.62	47	SW	2	0	29.57	-15	44	42	-6	SE	4	0	0	-	59	43	*	0.08
	Wisby ...	29.69	45	SSW	2	0	29.50	-33	44	42	-1	S	2	0	0	-	55	41	*	0.16
	Karlstad ...	29.58	45	SSW	4	0	29.55	-03	43	42	-3	W	2	0	0	-	55	41	*	0.16
	Färder (X'ania Fjord) ...	29.59	45	WSW	4	0	29.58	-16	43	39	-5	N	5	0	2	-	48	41	*	-
	Bodö ...	29.60	40	W	2	0	29.69	+20	43	40	0	SW	2	0	1	-	46	39	*	-
	Christiansund ...	29.61	38	W	6	0	29.82	+18	41	37	+3	W	4	0	0	-	41	34	*	0.55
	Skudesnaes ...	29.75	43	N	6	0	29.75	00	41	39	-4	N	6	0	2	0	48	37	*	-
	Sumburgh Head ...	29.86	40	N	3	0	29.97	+17	44	41	+1	N	4	0	5	0,0	49	36	*	0.03
BRITISH ISLANDS.	Stornoway ...	29.99	46	S	2	0	30.10	+21	43	39	-2	NNE	2	0	2	0	51	35	5.8	-
	Malin Head ...	30.04	48	N	5	0	30.10	+23	47	44	+1	N	2	0	2	0	49	44	*	-
	Blacksod Pt. ...	30.09	50	NNW	3	0	30.11	+09	47	47	-2	E	1	0	2	0,0	52	43	*	0.01
	Valencia ...	30.11	50	NNW	4	0	30.11	+05	47	44	0	Z	0	0	3	0,0	53	36	9.6	0.01
	Roche's Point ...	30.07	56	NNW	4	0	30.13	+16	50	47	+1	SE	2	0	0	0,0	57	40	*	-
	Parsonstown ...	30.05	54	NNW	1	0	30.14	+20	48	44	+1	NW	1	0	0	0,0	56	38	10.6	-
	Donaghadee ...	30.00	50	N	4	0	30.09	+34	47	45	+1	NNW	3	0	0	0,0	51	38	*	-
	Liverpool Obsy. ...	29.92	50	N	2	0	30.09	+43	47	44	+1	NNW	2	0	1	0,0	54	44	*	0.09
	Holyhead ...	29.98	49	N	6	0	30.10	+40	49	46	+3	NW	1	0	1	0,0	49	45	*	0.03
	Pembroke (St. Ann's) ...	30.01	48	N	5	0	30.11	+27	47	46	0	NE	2	0	2	0,0	53	43	6.9	0.04
GERMANY, &c.	Scilly (St. Mary's) ...	30.05	53	WNW	5	0	30.11	+15	50	47	0	E	3	0	3	0	55	47	12.5	-
	Jersey (St. Aubins) ...	29.99	53	W	6	0	30.12	+17	51	49	0	ENE	3	0	3	0,0	55	45	10.3	-
	Portland Bill ...	29.88	51	WNW	5	0	30.13	+31	49	47	+2	E	1	0	1	0,0	52	44	*	-
	Dungeness ...	29.80	49	NW	6	0	30.12	+39	47	44	-2	NW	2	0	2	0,0	56	40	4.3	0.07
	Wick ...	29.97	42	N	3	0	30.04	+21	43	41	0	N	2	0	1	0	49	38	*	0.01
	Nairn ...	29.95	46	W	1	0	30.07	+23	43	39	-2	W	1	0	1	0	51	38	*	0.03
	Aberdeen ...	29.94	46	N	4	0	30.07	+27	43	39	-4	NW	4	0	2	0,0	50	39	9.4	0.01
	Leith ...	29.92	47	ENE	2	0	30.09	+32	46	42	0	ENE	1	0	0	0,0	54	38	*	0.01
	North Shields ...	29.89	47	N	3	0	30.07	+41	44	41	-4	N	3	0	3	0,0	51	37	*	0.05
	Spurn Head ...	29.79	48	NNW	6	0	30.07	+42	46	44	-2	NW	4	0	3	0	52	41	*	-
FRANCE.	Yarmouth ...	29.70	49	NNW	4	0	30.03	+36	47	43	0	NW	5	0	4	0,0	52	40	*	0.26
	Loughborough ...	29.70	49	NNW	4	0	30.03	+36	47	43	0	NW	5	0	4	0,0	52	40	*	0.26
	Oxford ...	29.93	48	NNW	3	0	30.13	+41	46	43	+1	Z	0	0	0	0,0	55	36	*	0.10
	London (Brixton) ...	29.82	49	NW	3	0	30.11	+36	46	42	-1	NW	1	0	0	0,0	53	39	2.6	0.12
	The Scaw (Shagen) ...	29.62	45	SSW	1	0	29.54	-24	46	39	-2	N	4	0	1	0	50	43	*	0.24
	Fanö ...	29.69	46	WNW	2	0	29.73	-10	45	41	-1	NW	7	0	0	0	50	43	*	-
	Cuxhaven ...	29.68	49	W	1	0	29.77	-09	47	43	+2	NW	5	0	0	0	52	45	*	0.16
	The Helder ...	29.68	49	WNW	1	0	29.94	+20	47	43	-3	NNW	4	0	3	0	55	45	*	-
	Brussels ...	29.72	52	SW	2	0	30.04	+16	48	45	-1	WNW	1	0	0	0	56	42	*	0.55
	Berlin ...	29.72	52	SW	2	0	29.66	-32	44	44	-8	W	2	0	0	0	61	41	*	0.55
SPAN. PEN.	Frankfurt ...	29.82	45	SW	3	0	29.92	-06	47	44	-4	SW	4	0	0	0	57	43	*	0.32
	Munich ...	29.91	50	SW	4	0	29.98	-14	44	41	-8	W	6	0	0	0	61	39	*	0.08
	C. Gris Nez ...	29.76	48	W	7	0	30.06	+26	46	44	-4	N	5	0	5	0	52	43	*	0.75
	Brest ...	30.14	52	NW	3	0	30.13	+12	50	49	0	N	2	0	2	0	54	46	*	-
	Lorient ...	30.07	54	NW	3	0	30.14	+15	50	48	-2	NNW	2	0	2	0	57	46	*	-
	Rochefort ...	30.07	55	W	5	0	30.12	+02	51	?	-4	NE	2	0	0	0	59	45	*	-
	Biarritz ...	30.17	58	W	3	0	30.11	-14	54	53	-1	ENE	3	0	3	0	63	50	*	-
	Paris ...	29.91	55	WNW	2	0	30.11	+12	48	46	0	SW	2	0	0	0	60	42	*	0.08
	Belfort ...	29.91	55	WNW	2	0	30.11	+12	48	46	0	SW	2	0	0	0	60	42	*	0.08
	Lyons ...	30.05	54	SSW	1	0	30.16	-02	48	43	-6	N	1	0	0	0	64	44	*	0.04
SPAN. PEN.	Nice ...	29.93	64	S	5	0	29.87	-28	60	52	+5	WSW	4	0	0	0	66	48	*	-
	Perpignan ...	30.03	67	Z	0	0	30.10	-10	56	52	-2	NW	2	0	0	0	71	55	*	-
SPAN. PEN.	Corunna ...																			
	Lisbon ...																			
SPAN. PEN.	Azores (P. Delgada) ...																			
	„ (Horta) ...	30.00	60	W	1	0	29.98	00	60	58	-2	Z	0	0	2	0	68	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 MONDAY, 18TH MAY, 1903.

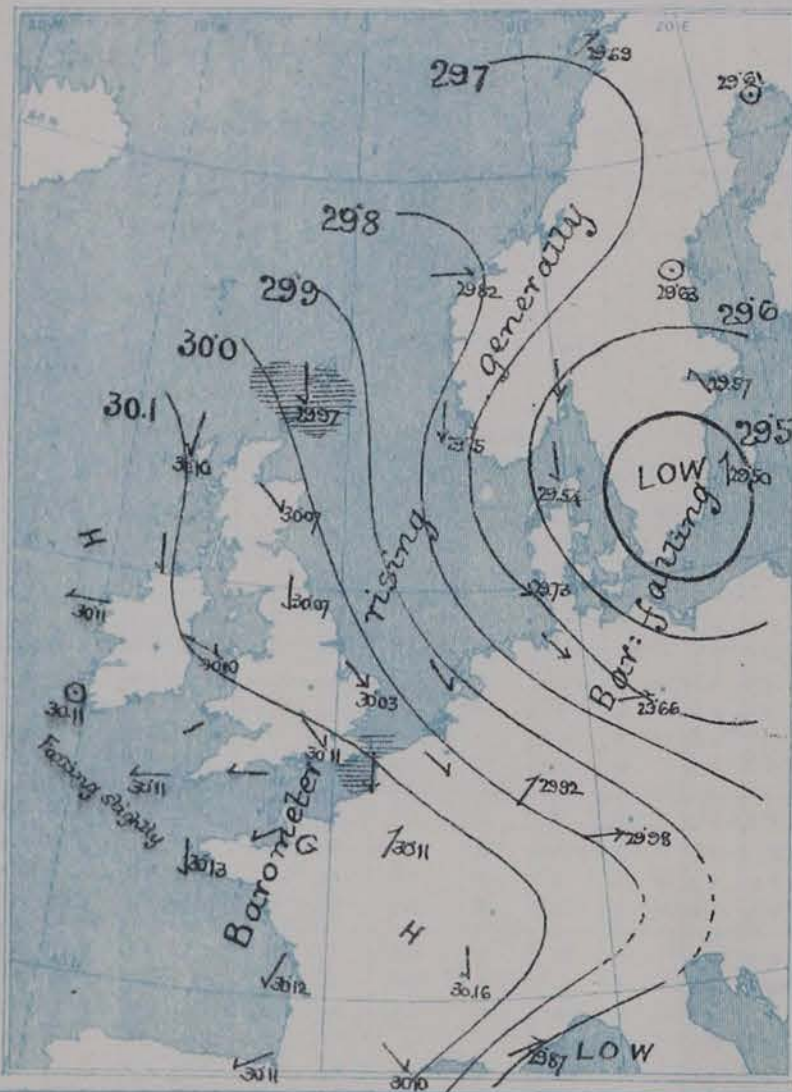
I. BAROMETER, WIND AND SEA. This Morning.

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—(0.4)



III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometrical pressure is highest, 30.2 ins. and upwards, over the Spanish peninsula and the southern parts of France and the Bay of Biscay, and lowest, 29.5 ins. and less, in a cyclonic area over the north of Scandinavia. So far as our Islands are concerned, however, the most important feature in the pressure distribution is supplied by a well-marked secondary disturbance which passed in an east-southwesterly direction across our northern districts during the night. The center of this is now lying off the northeast of England, and the barometer is consequently falling at our eastern, southern, and most of the continental stations, while it is rising again in the west and north of our Islands.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind circulates round the two low pressure systems noticed above. Over the northern parts of the United Kingdom it is N.W. with a gale at Malin Head and on our southwestern coasts N.W., while over France and the Channel it draws into W. and S.W., and over the Netherlands and Denmark into the S.E. In Scandinavia W. winds are reported to the south of the low pressure area over the north of that peninsula. Temperature has fallen generally and is below the average in all parts of western Europe. In our Islands the morning readings are below 50° at all stations excepting Scilly and Jersey, and below 45° in Caithness and the Shetlands. In Germany the readings are very little above 50° but in the southern parts of France they range between 55° and 58°. The weather is cloudy or dull over western Europe generally, with passing showers in several parts of the United Kingdom and with steady rain in the western parts both of Norway and Germany. The sea is high at Lorient and rough or rather so on the more exposed parts of our western and southern coasts generally, as well as at Corunna. During yesterday the thermometer rose to 55° and upwards in many parts of Great Britain and to 60° in London. The amount of Bright Sunshine was generally small, — less than 2 hours in most places, but as much as 7.7 hours at Jersey. Rain has fallen over northwestern Europe generally, — rather heavily in the north of Ireland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

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

DISTRICTS.

FORECASTS.

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

None issued.

DISTRICTS.

FORECASTS.

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

None issued.

WARNINGS

At 7.45 pm. yesterday to Districts 5 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.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.					PAST 24 HOURS.							
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	c	"	bc, r	56	43	4.0	0.38
Bath	30.02	52	W 3	7	29.78	-45	47	44	-1	W 6	7	"	-	53	44	0.0	0.53

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
	0	0					0	0			
Southport, to 9 p.m....	55	47	ot, c, ot	1.8	0.09	Eastbourne to 6 pm ...	*	*	*		*
Rhyl to 6 pm ...	*	*	*		*	Hastings ...	*	*	*		*
Llandudno ...	*	*	*	0.8	*	Lowestoft, to 6 p.m. Not recd					
Aberystwyth, to 6 p.m. ...	53	46	o	0.0	0.10	Harrogate, to 6 p.m. ...	52	41	bc, r, c	0.7	0.04
Plymouth, to 9 p.m....	53	38	og, opg	0.0	0.07	Manchester, to 9 p.m. ...	52	42	ot	0.0	0.33
Worthing ...	*	*	*	1.6	*	Darwen, to 9 p.m. ...	53	40	bc, r, o	1.7	0.18
Brighton to 6 pm ...	*	*	*		*	Birmingham, to 9 p.m. ...	51	42	o, r	0.2	0.03

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
11 th May, 1903.									
Utrecht... ..	57	48	o, r	Ins.	Tunis	68	50	o, bc	Ins.
Madrid	70	45	o, c	—	Aigiers	68	55	c, c	—
Vienna	68	48	b, c	—	Madeira (Funchal)	Not rec ^d			
St. Petersburg	52	39	c, bc	—					
Trieste	72	57	o, c	—					
Florence	7	50	c, c	0.32	15 th May, 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome	69	54	o, c	—					
Corsica (I. Sanguinaires) ...	64	52	f, m	0.16	Lugano	57	—	o	—
Naples	67	54	b, b	—	Davos	50	—	o	—
Palermo	71	49	c, c	—	Lucerne	64	—	bc	—
Malta	68	59	? c	—	Lausanne	63	—	b	—

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.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	17 th May, 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
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.	Yarmouth	3.57.	11.49	7.41
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4.8	11.56	7.44
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.44	12.8	8.33
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.	Valencia	4.46	12.37	8.27.
Azores { Fount Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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.

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

DAILY WEATHER REPORT

for 8 a.m. on *Tuesday, 19th May, 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.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.			
																				Ins.
SCANDINAVIA.	Haparanda ...	29.71	33	S	2	δ	29.78	+ .17	41	40	0	NE	2	γ	*	-	41	31	*	-
	Hernösand ...	29.71	41	Z	0	δ	29.75	+ .12	44	40	0	NE	2	C	*	-	55	34	*	-
	Stockholm ...	29.62	43	N	2	0	29.60	+ .03	44	42	0	N	4	0	*	-	54	41	*	0.16
	Wisby ...	29.56	41	W	2	f	29.53	+ .03	42	41	- 2	NE	2	γ	*	-	48	41	*	-
	Karlstad ...	29.68	45	N	2	C	29.72	+ .17	45	40	+ 2	NNE	4	δ	*	-	*	*	*	0.08
	Færder (X'ania Fjord) ...	29.70	46	NNE	4	0	29.80	+ .22	45	40	+ 2	N	4	δ	2	-	46	41	*	0.43
	Bodö ...	29.82	43	WSW	2	C	29.86	+ .17	42	37	- 1	NNW	2	δ	1	-	46	39	*	-
	Christiansund ...	29.93	43	WNW	2	0	29.93	+ .11	40	38	- 1	SW	2	γ	2	-	43	37	*	0.12
	Skudesnaes ...	29.88	46	NNW	6	δ	29.89	+ .14	45	42	+ 4	NNW	4	C	2	δ	48	41	*	-
	Sumburgh Head ...	29.98	45	WNW	2	0	29.90	- .07	45	42	+ 1	ESE	2	0	4	0	46	37	*	-
BRITISH ISLANDS.	Stornoway ...	30.06	50	N	2	0	29.97	- .13	40	39	- 3	Z	0	C	0	0	51	31	3.0	-
	Malin Head ...	30.08	48	E	1	δ	29.94	- .16	51	47	+ 4	S	2	δ	1	δ	53	47	*	-
	Blacksod Pt. ...	30.02	54	ESE	1	δ	29.87	- .24	50	47	+ 3	SE	4	C	3	δ	54	43	*	-
	Valencia ...	30.00	53	SSE	4	δcv	29.82	- .29	51	47	+ 4	SE	5	0	4	δ,δcv	58	47	12.5	-
	Roche's Point ...	30.06	53	SE	3	δc	29.91	- .22	52	50	+ 2	S	5	cm	2	δ,δc	54	49	*	-
	Parsonstown ...	30.02	57	NE	1	C	29.94	- .20	50	46	+ 2	E	1	C	*	δc,c	59	39	10.4	-
	Donaghadee ...	30.08	52	ESE	2	δ	30.00	- .09	49	46	+ 2	SSW	3	δ	2	-	53	37	*	-
	Liverpool Obsy. ...	30.09	48	NW	1	δ	30.03	- .06	48	44	+ 1	SSE	2	δc	1	δc,δ	52	41	*	-
	Holyhead ...	30.09	48	WSW	1	δ	30.00	- .10	53	49	+ 4	SE	1	δm	1	C,δ	53	40	*	-
	Pembroke (St. Ann's) ...	30.10	52	WSW	1	δc	29.98	- .13	50	48	+ 3	ESE	4	cm	4	-	54	41	11.2	-
GERMANY, &c.	Scilly (St. Mary's) ...	30.06	54	SE	2	δ	29.92	- .19	52	50	+ 2	SE	4	C	2	δ	57	49	13.2	-
	Jersey (St. Aubins) ...	30.08	55	NE	2	δm	30.01	- .11	55	51	+ 4	E	3	δm	3	δc,δm	59	48	9.0	-
	Portland Bill ...	30.09	51	SE	1	δm	30.02	- .11	51	49	+ 2	ESE	3	δ	1	δ,δm	55	42	*	-
	Dungeness ...	30.12	49	SSW	2	C	30.08	- .04	53	50	+ 6	W	2	δcw	1	δc,c	55	44	4.7	-
	Wick ...	30.04	42	N	3	0	29.97	- .07	46	44	+ 3	N	2	δc	2	-	46	36	*	-
	Nairn ...	30.02	51	Z	0	C	29.97	- .10	45	43	+ 2	Z	0	C	1	-	54	31	*	-
	Aberdeen ...	30.05	46	S	2	0	30.00	- .07	47	44	+ 4	SE	1	0	2	0	51	40	0.4	-
	Leith ...	30.04	50	ENE	1	δc	30.00	- .09	49	45	+ 3	Z	0	cm	*	-	53	43	*	-
	North Shields ...	30.08	45	ENE	1	C	30.01	- .06	49	45	+ 5	SSW	3	cm	2	C	49	40	*	-
	Spurn Head ...	30.09	45	N	3	C	30.07	- .00	44	42	- 2	N	2	δc	3	-	50	40	*	-
FRANCE.	Yarmouth ...	30.07	49	NNW	4	cv	30.06	+ .03	47	43	0	NNW	1	δcv	2	δcv,δ	51	40	*	-
	Loughborough ...	30.07	49	WNW	1	δ	30.05	- .08	46	45	0	N	1	δf	*	δf	57	36	*	-
	Oxford ...	30.07	49	WNW	1	δ	30.05	- .08	46	45	0	N	1	δf	*	δf	57	36	*	-
	London (Brixton) ...	30.06	54	Z	0	0	30.04	- .07	52	45	+ 6	Z	0	δ	*	cm,δ	56	38	0.7	-
	The Scaw (Skagen) ...	29.64	45	NE	4	0	29.77	+ .23	46	42	0	NNE	3	δ	1	-	48	43	*	0.08
	Fanö ...	29.78	44	NW	8	δ	29.87	+ .14	48	45	+ 3	NW	6	δ	*	δ,δg	50	43	*	0.20
	Cuxhaven ...	29.85	47	WNW	4	δ	29.90	+ .13	46	44	- 1	SW	4	cm	*	-	48	45	*	0.16
	The Helder ...	30.02	46	NNW	3	0	30.03	+ .09	47	43	0	NNW	3	C	3	-	48	43	*	0.04
	Brussels ...	*	*	*	*	*	30.12	+ .08	46	43	- 2	SE	1	0	*	-	52	38	*	-
	Berlin ...	29.81	49	NW	3	δ	29.82	+ .16	44	42	0	W	5	γ	*	-	55	39	*	0.20
SPAN. PEN.	Frankfurt ...	30.03	46	W	4	C	30.06	+ .14	45	40	- 2	NW	3	C	*	-	55	41	*	-
	Munich ...	30.05	45	W	5	0	30.05	+ .07	44	43	0	W	5	C	*	-	52	41	*	0.08
	C. Gris Nez ...	30.10	50	Z	0	δc	30.04	- .02	49	46	+ 3	SSE	2	0	2	-	54	45	*	-
	Brest ...	30.07	54	N	1	δ	29.96	- .17	50	49	0	ESE	2	δc	2	-	61	46	*	-
	Lorient ...	30.07	61	SW	1	δc	29.97	- .17	51	50	+ 1	E	4	δc	*	δ	63	46	*	-
	Rochefort ...	30.03	59	NNW	3	δ	29.97	- .15	50	48	- 1	E	4	δc	2	-	70	46	*	-
	Biarritz ...	30.04	59	NNE	2	C	29.86	- .25	53	53	- 1	E	2	δ	2	-	61	50	*	-
	Paris ...	30.09	55	E	2	δ	30.10	- .01	48	43	0	SSE	2	δ	*	-	61	41	*	-
	Belfort ...	30.04	48	W	2	0	30.08	- .12	43	41	0	ENE	2	γm	*	-	7	35	*	0.08
	Lyons ...	30.08	56	NNE	1	δc	30.04	- .12	48	43	0	NNW	2	δ	*	-	61	43	*	-

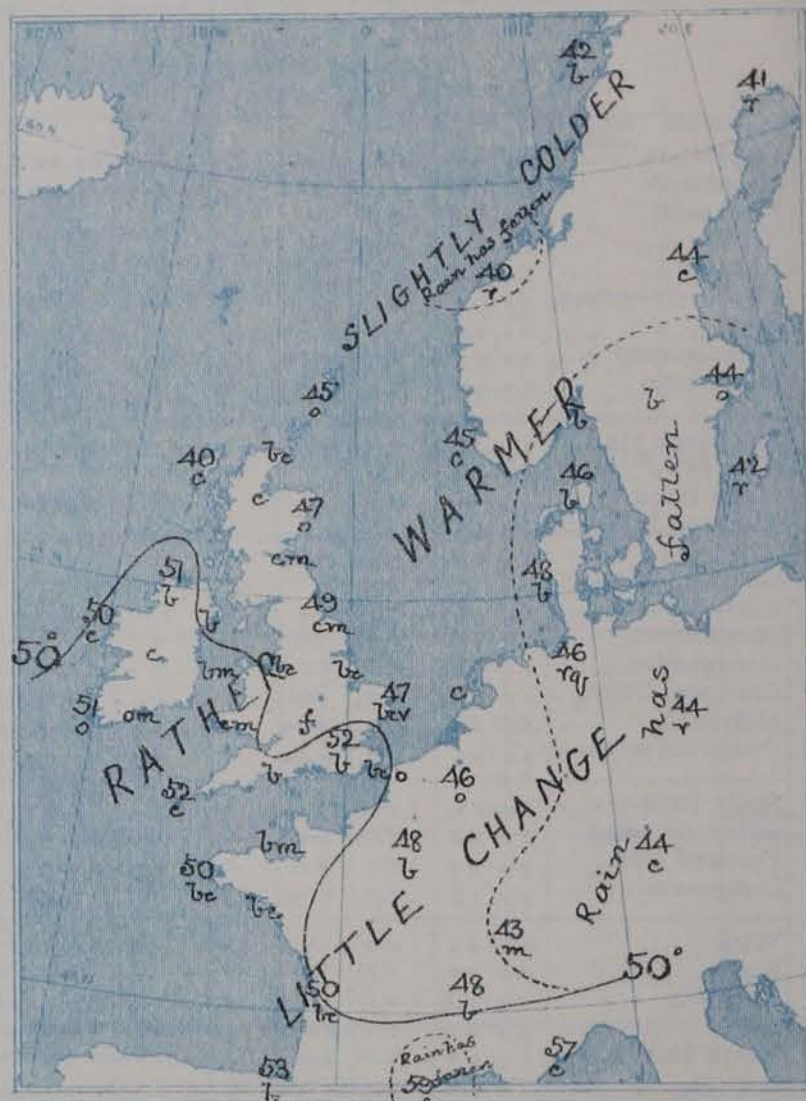
NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* Observations for this column not generally received.

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

FOR Tuesday, 19th May, 1903.

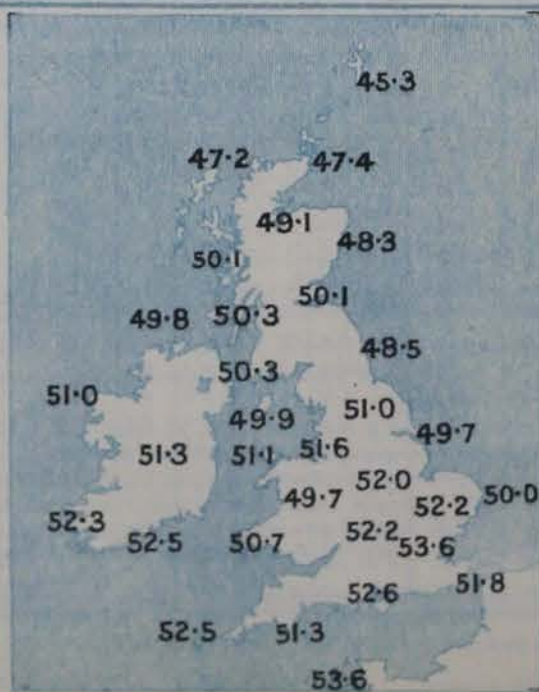
A hand-drawn map of the North Atlantic region, showing isobars and weather systems. The map includes labels for 'Barometer', 'Rising', 'Falling', 'Slowly', and 'Low'. Isobars are drawn with values ranging from 29.55 to 30.10. A low-pressure system is marked with a 'G' and a high-pressure system with an 'H'. The map also shows the coastline of North America and the Atlantic Ocean.



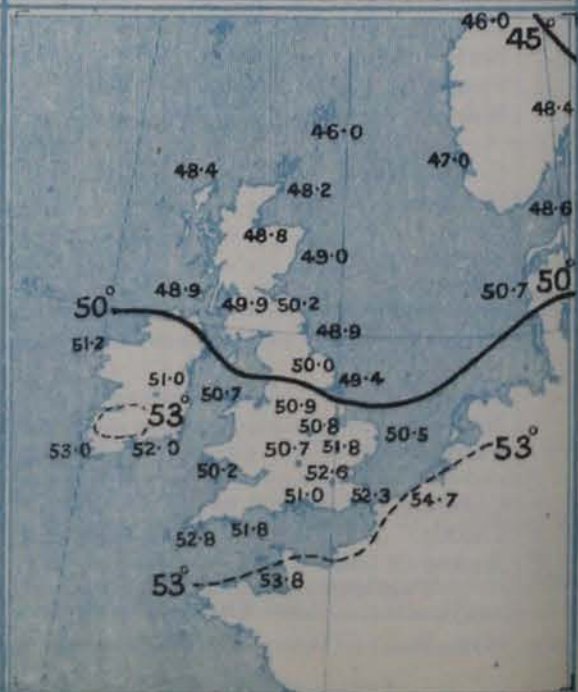
Yesterday morning.



combined for the month of
MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 30.1 inches and upwards, in an anticyclone lying over the west and south of our Islands and the greater part of France. The lowest readings, 29.5 inches and less, are found in a well marked cyclonic system with its centre over the south of Sweden. This disturbance is apparently moving eastwards, and in its rear the barometer is rising over nearly the whole of western Europe. On our own extreme west and southwest coasts, however, it is beginning to fall again.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to moderate from the N^W or N^W in all the more northern and eastern parts of the United Kingdom, and strong from the same quarters on the eastern shores of the North Sea, but is W^W or S^W in Germany, and S^W and S^E at the Baltic stations lying to the eastward of the barometric minimum. On our own extreme west and southwest coasts it has shifted to the E^W, but is at present light in force. Temperature has fallen in most places, and is below the average over western Europe generally. In the United Kingdom the morning readings are below 50° at all but one or two of the coast stations in the southwest; in the northern parts of Great Britain they are mostly below 45°, equally low readings being reported in Scandinavia and in some parts of Germany. The weather is fair over the United Kingdom as a whole and in the neighbouring parts of the continent, but is dull and unsettled in regions influenced by the cyclonic disturbance, rain being reported in the south of Sweden and also at some of the German stations. The sea is slight or smooth generally but rather rough at Sumburgh Head and at Cape Gris Nez.

During yesterday the thermometer in these Islands remained below 55° on all but our extreme south and southwest coasts; at some of our northwestern and extreme northern stations it did not reach 50°. The amount of bright sunshine was generally small but was large in the southwestern districts, - more than 10 hours at Parsonstown and Jersey, and as much as 12.5 hours at Scilly. Thunderstorms occurred yesterday in the east and southeast of England and heavy rain fell over Holland, north Germany and the northeast of France.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fresh fall of the barometer on our extreme west and southwest coasts is accompanied by a shift of wind to the E^W and probably indicates the advance of a low pressure system towards those regions. Further unsettled weather is therefore probable in the south of Ireland and the southwest of England; in other parts of the United Kingdom fair cool weather is likely to continue for the present.

FORECASTS *

For the 24 hours ending at NOON on 19th May

1903

DISTRICTS.

FORECASTS.

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

NW^W to variable breezes; fair, cool.

Variable breezes, finally E^W; fair, cool.

DISTRICTS.

FORECASTS.

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

Same as Nos 0 to 2

Same as Nos 3 to 5.

E^W winds, light or moderate; fine at first, cloudy later, probably some rain.

Same as Nos 3 to 5.

Same as No. 8.

WARNINGS

At 9.50 a.m. today to districts 5, 7 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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	8c	*	r. o	54	39	2.0	0.21
Bath	29.87	56	w 2	8	30.13	+ .35	49	45	+ 2	w 1	8	*	*	56	37	3.7	0.17	

REPORTS FOR YESTERDAY.

STATIONS.		TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.		TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
		Max.	Min.	(Beaufort.)	Hrs.	Ins.			Max.	Min.	(Beaufort.)	Hrs.	Ins.
Southport, to 9 p.m....		54	45	c, r, h, o	2.0	0.17	Eastbourne to 6 pm ...		*	*	*	6.0	*
Rhyl to 6 pm		*	*	*	1.5	*	Hastings		*	*	*	6.1	*
Llandudno		*	*	*	3.0	*	Lowestoft, to 6 p.m. ...		*	*	*	*	*
Aberystwyth, to 6 p.m. ...		52	47	o, 8c	5.0	0.16	Harrogate, to 6 p.m. ...		54	43	c, o, 8	0.7	0.07
Plymouth, to 9 p.m....		*	*	*	*	*	Manchester, to 9 p.m. ...		54	43	o, r, 8c	1.0	0.22
Worthing		*	*	*	7.0	*	Darwen, to 7 p.m. ...		51	42	o, m, p, c	0.2	0.24
Brighton to 6 pm		*	*	*	5.0	*	Birmingham, to 9 p.m. ...		54	43	r, 8, c, 8	3.1	0.10

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

STATIONS. 17 th May 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	Information not received.			Ins.	Tunis				Ins.
Madrid					Algiers				
Vienna					Madeira (Funchal)				
St. Petersburg									
Trieste									
Florence					16 th May 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome									
Corsica (I. Sanguinaires) ...					Lugano	73	—	bc	0.08
Naples					Davos	45	—	o	0.16
Palermo					Lucerne	57	—	o	—
Malta					Lausanne	64	—	b	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, 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 {	Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)
	Horta	6 a.m. (Local) ...	7.55 a.m.	10.43 p.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.

18 th May, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.55	11.49	7.42
Greenwich	4.6	11.56	7.46
Wick	3.42	12.8	8.35
Valencia	4.45	12.37	8.28

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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 Wednesday, 20th May, 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.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.			Min.				
															Ins.			°	°			°
SCANDINAVIA.	Haparanda ...	29.78	45	E	2	0	29.76	-0.02	41	39	0	E	2	0	*	-	52	32	*	0.35		
	Hernösand ...	29.71	45	N	2	0	29.62	-0.13	43	42	-1	N	4	7	*	-	55	34	*	-		
	Stockholm ...	29.66	44	N	2	0	29.71	+0.11	49	43	+5	W	2	0	*	-	50	37	*	-		
	Wisby ...	29.71	42	NW	4	0	29.75	+0.22	45	44	+3	Z	0	0	*	-	45	39	*	-		
	Karlstad ...	29.73	49	NE	2	0	29.76	+0.04	46	41	+1	NNE	2	0	*	-	45	39	*	-		
	Færder (X'ania Fjord) ...	29.79	48	WSW	4	0	29.77	-0.03	44	42	-1	NNE	4	0	2	-	52	43	*	-		
	Bodö ...	29.94	45	N	2	0	29.90	+0.04	47	41	+5	E	2	0	1	-	47	37	*	-		
	Christiansund ...	29.97	43	ENE	2	0	29.90	-0.03	43	41	+3	E	1	0	3	-	45	36	*	-		
	Skudesnaes ...	29.83	44	NNW	6	0	29.85	-0.04	43	41	-2	NNW	6	0	2	c, 0	48	41	*	-		
	Sumburgh Head ...	29.92	46	ESE	2	0	29.84	-0.11	45	42	0	SE	2	0	3	0, 0	49	37	*	-		
BRITISH ISLANDS.	Stornoway ...	29.89	51	SE	2	0	29.74	-0.23	47	45	+7	SSE	2	0	2	0	53	34	12.9	-		
	Malin Head ...	29.83	55	SE	3	0	29.79	-0.15	49	48	-2	S	3	0	1	0, 0	55	47	*	0.04		
	Blacksod Pt. ...	29.79	54	S	5	0	29.77	-0.10	52	50	+2	SW	5	0	4	0	57	50	*	0.01		
	Valencia ...	29.78	53	SSE	6	0	29.88	+0.06	52	50	+1	SW	3	0	4	0, 0	54	46	0.0	0.09		
	Roche's Point ...	29.88	52	S	4	0	29.92	+0.01	53	51	+1	WSW	3	0	2	0	54	48	*	0.06		
	Parsonstown ...	29.85	55	E	2	0	29.84	-0.10	52	49	+2	SW	3	0	2	0	61	49	6.8	0.01		
	Donaghadee ...	29.93	51	SE	2	0	29.81	-0.19	50	50	+1	WSW	2	0	2	-	51	44	*	0.02		
	Liverpool Obsy. ...	29.94	53	N	1	0	29.90	-0.13	50	48	+2	S	1	0	1	-	59	47	*	0.02		
	Holyhead ...	29.93	56	SW	1	0	29.86	-0.14	50	50	-3	SW	2	0	1	0, 0	58	46	*	0.06		
	Pembroke (St. Ann's) ...	29.93	53	SSE	3	0	29.90	-0.08	51	51	+1	SSW	4	0	4	0, 0	56	49	7.1	0.04		
GERMANY, &c.	Scilly (St. Mary's) ...	29.89	51	SSE	4	0	29.92	+0.00	53	52	+1	WNW	3	0	2	0	56	49	0.1	0.05		
	Jersey (St. Aubins) ...	29.95	61	ENE	2	0	30.02	+0.01	56	52	+1	E	3	0	3	0, 0	64	52	7.3	-		
	Portland Bill ...	29.98	52	ESE	2	0	29.98	-0.04	54	52	+3	SSW	1	0	1	0	56	49	*	-		
	Dungeness ...	30.01	53	SSE	2	0	30.02	-0.06	55	52	+2	SW	2	0	1	0, 0	57	48	10.8	-		
	Wick ...	29.91	46	S	2	0	29.80	-0.17	46	44	0	S	2	0	1	-	54	43	*	-		
	Nairn ...	29.86	52	E	1	0	29.77	-0.20	46	45	+1	E	1	0	1	-	58	37	*	-		
	Aberdeen ...	29.94	47	E	3	0	29.83	-0.17	49	47	+2	ESE	2	0	2	0	51	41	9.9	-		
	Leith ...	29.90	54	Z	0	0	29.82	-0.18	49	45	0	Z	0	0	0	-	57	36	*	-		
	North Shields ...	29.92	50	SSE	2	0	29.86	-0.15	51	47	+2	SW	2	0	2	0, 0	55	41	*	-		
	Spurn Head ...	29.97	48	ESE	4	0	29.92	-0.15	52	50	+8	S	2	0	2	-	53	41	*	-		
FRANCE.	Yarmouth ...	30.00	50	SE	4	0	29.97	-0.09	56	51	+9	SW	3	0	3	0, 0	56	44	*	-		
	Loughborough ...	29.96	56	S	1	0	29.97	-0.08	50	47	+4	S	2	0	2	0, 0	62	44	*	-		
	Oxford ...	29.95	60	SW	2	0	29.98	-0.06	56	51	+4	SW	2	0	2	0	65	42	8.7	-		
	London (Brixton) ...	29.95	60	SW	2	0	29.98	-0.06	56	51	+4	SW	2	0	2	0	65	42	8.7	-		
	The Scaw (Skagen) ...	29.80	45	W	1	0	29.75	-0.02	47	45	+1	SW	1	0	0	-	54	43	*	-		
	Fanö ...	29.95	44	WNW	6	0	29.95	+0.08	46	43	-2	WNW	6	0	0	-	50	41	*	0.04		
	Cuxhaven ...	30.00	48	W	2	0	30.05	+0.15	47	44	+1	W	3	0	0	-	50	45	*	0.08		
	The Helder ...	30.02	47	NNW	1	0	30.00	-0.03	50	46	+3	SW	1	0	0	-	50	37	*	-		
	Brussels ...	30.07	47	*	*	0	30.07	-0.05	52	47	+6	SW	2	0	0	-	57	41	*	-		
	Berlin ...	29.95	49	W	4	0	30.05	+0.23	47	43	+3	W	3	0	0	-	55	41	*	0.12		
SPAN. PEN.	Frankfurt ...	30.06	47	W	1	0	30.10	+0.04	43	40	-2	E	1	0	0	-	55	36	*	-		
	Munich ...	30.07	43	NE	3	0	30.09	+0.04	44	41	0	E	2	0	0	-	52	34	*	-		
	C. Gris Nez ...	30.00	53	ENE	2	0	30.04	+0.00	52	48	+3	S	3	0	2	-	59	46	*	-		
	Brest ...	29.93	54	SE	3	0	29.97	+0.01	55	53	+5	Z	0	0	2	-	61	50	*	0.08		
	Lorient ...	29.92	59	SE	1	0	29.99	+0.02	55	53	+4	SE	2	0	2	-	64	51	*	-		
	Rochefort ...	29.87	64	NNW	3	0	29.98	-0.01	54	49	+4	ENE	3	0	0	0	81	48	*	-		
	Biarritz ...	29.85	62	NE	1	0	30.02	+0.16	55	55	+2	SSE	3	0	0	0	73	54	*	0.55		
	Paris ...	30.02	58	ESE	2	0	30.05	-0.05	49	45	+1	ENE	1	0	0	-	63	39	*	-		
	Belfort ...	29.99	49	ENE	4	0	30.03	-0.05	42	39	-1	ENE	4	0	0	-	56	34	*	-		
	Lyons ...	29.95	59	NNE	1	0	30.03	-0.01	46	41	-2	NNE	1	0	0	-	62	41	*	-		

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. In yesterday's Report the Bar. reading at Sumburgh Head should read 29.95ins.

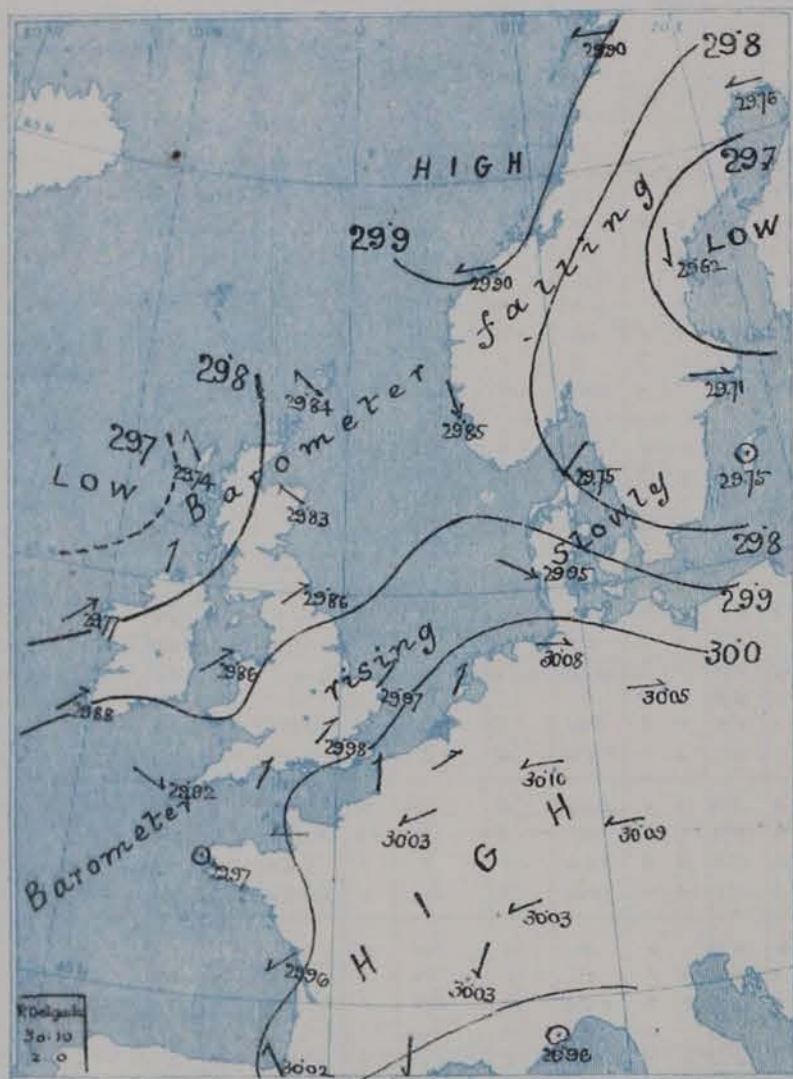
WEATHER CHARTS

FOR WEDNESDAY, 20th MAY, 1903.

I. BAROMETER, WIND AND SEA. This Morning.

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Direction and Force, flying with the wind.

Force above 10 → Force 5 to 7 → } Calm ○
Force 8 to 10 → Force 1 to 4 → }
SEA.—Rough High



II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°

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

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

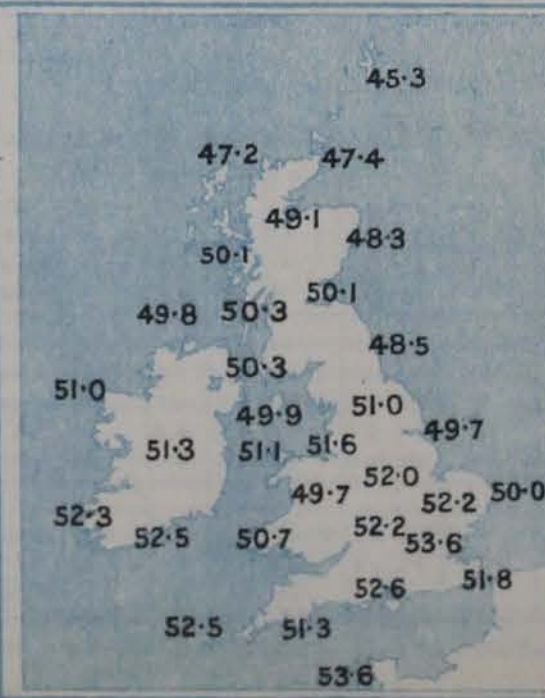


III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 30.0 inches to 30.1 inches, in an anticyclone lying over England, the Netherlands, western Germany and the greater part of France. The system is, however, drifting slowly northeastwards, and the mercury is falling at most of our own and the French stations, - rather decidedly in the west of Ireland. The lowest pressures, 29.6 ins. and less are found in a cyclonic area which is moving eastwards over the northern part of the Baltic; in the rear of this disturbance the barometer is at present rising over Scandinavia, Denmark and Germany. Gradients are slight generally.

WIND

The wind has shifted to the E^{wt} in the west of France and to the SE^{wt} or S^{wt} in most parts of the United Kingdom, the change in these Islands being accompanied by a fairly general rise of temperature. At most of our northern, eastern and central stations the thermometer is still below its average height, the lowest readings reported being 40° at Stornoway and 44° at Spurn Head; in the western and southern districts, however, the readings range between 50° and 53° and agree very closely with the normal. Over northern and central Europe the wind still circulates round the Baltic low pressure system, being moderate from the N^{wt} in Scandinavia, but fresh to strong from the NW^{wt} or W^{wt} in Denmark and Germany. With such winds, drizzle being below 45° in most places. The weather is at present fine over western Europe as a whole, but has become dull in the south of Ireland. The Baltic disturbance still causes rain over north Germany and at Wisby, and similar weather is reported at Christiansund. The sea is slight or smooth generally, but is moderate off our southwest coasts.

TEMPERATURE

WEATHER

AND

SEA

In the course of yesterday the thermometer rose to 55° and upwards at most of our western and southern stations and to 59° at Ramsgate and Jersey. Considerable amounts of bright sunshine were recorded on our west and south coasts - between 12 and 13 hours in several places, and as much as 13.3 hours at Brighton. No rain fell at any of our own stations, but moderate amounts were experienced in Sweden, Denmark, Germany and the east of France.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A large area of low pressure is approaching our west and southwest coasts. The system is likely to spread gradually over the greater part of the United Kingdom, and to cause a renewal of unsettled weather, commencing today in the southwest, and extending later northwards and eastwards. The SE wind will probably freshen considerably on our southwest coasts.

FORECASTS *

For the 24 hours ending at NOON on 20th May

1903

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	SE ^{ly} winds, light or moderate; fair at first, some rain later. Rather milder.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Variable breezes, finally SE ^{ly} ; fair generally. Warmer.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	E ^{ly} and SE ^{ly} winds, light or moderate; fair today and warmer, becoming unsettled again tomorrow, probably some rain.
5	{ ENGLAND SOUTH	



DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as Nos. 0 and 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	SE ^{ly} winds, freshening; fair at first, some rain later.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	SE ^{ly} and S ^{ly} winds, strong; dull, some rain.

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 5 P.M.					THIS MORNING 8 A.M.					PAST 24 HOURS.						
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Claughton-on-Sea	*	*	*	*	*	*	*	*	*	*	bc	*	bc	53	47	5.4	-
Bath	30.06	57	w 1	8	30.03	-.10	48	47	- 1	w 1	8	*	-	59	34	10.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m.	53	41	bc, b	11.4	-	Eastbourne to 6 pm ...	*	*	*	11.5	*
Rhyl to 6 pm	*	*	*	10.0	*	Hastings	*	*	*	8.7	*
Llandudno	*	*	*	10.6	*	Lowestoft, to 6 p.m. ...	50	39	oc, or, o	4.3	-
Aberystwyth, to 6 p.m. ...	52	48	bc	8.0	0.05	Harrogate, to 6 p.m. ...	50	40	bc	0.8	0.02
Plymouth, to 9 p.m.	57	42	bc	11.3	-	Manchester, to 9 p.m. ...	54	42	bc	3.3	0.01
Worthing	*	*	*	13.0	*	Darwen, to 9 p.m. ...	50	38	ocm, b, m, w	2.5	-
Brighton to 6 pm	*	*	*	13.3	*	Birmingham, to 9 p.m. ...	56	39	o, c	4.9	-

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

STATIONS.		TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.		TEMPERATURE, F.		WEATHER.	RAIN.
18 th May 1908		Max.	Min.			Max.	Min.				
Utrecht...	...	55	43	c, o	Ins. 0.12	Tunis	...	73	48	bc, bc	Ins. —
Madrid...	...	77	45	o, o	0.08	Algiers	...	75	59	c, c	—
Vienna...	...	68	46	bc, o	0.04	Madeira (Funchal)	...	Not rec.			
St. Petersburg	...	52	32	b, b	0.04						
Trieste...	...	70	57	o, o	—						
Florence	...	70	52	bc, o	—						
Rome	...	71	55	c, c	—						
Corsica (I. Sanguinaires)	...	64	52	m, m	—						
Naples	...	65	54	b, c	—						
Palermo	...	72	46	b, b	—						
Malta	...	Not rec.									
								</			

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	19 th May, 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.† (W.E.T.)	6 p.m.†	Yarmouth	3.53	11.49	7.44
Holland	8 a.m. (")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	4.5	11.56	7.47
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	3.40	12.8	8.37
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	4.44	12.37	8.29
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores (Point Delgada) ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
(Horta) ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

DAILY WEATHER REPORT

for 8 a.m. on *Thursday, 21st May, 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.		BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Weather.	Max.			Min.	
																					Ins.
SCANDINAVIA.	Haparanda	29.91	46	NE	2	c	29.93	+17	39	37	-2	S	2	c	-	54	36	-	0.04		
	Hernösand	29.76	41	N	0	o	29.94	+32	45	41	+2	N	0	o	-	46	39	-	0.16		
	Stockholm	29.85	46	—	0	o	29.97	+26	51	46	+2	W	2	bc	-	57	39	-	-		
	Wisby	29.85	43	SW	2	bc	29.99	+24	44	42	-1	N	0	bc	-	55	41	-	-		
	Karlstad	29.86	46	N	0	bc	30.01	+25	45	42	-1	N	0	bc	-	-	-	-	-		
	Färder (X'ania Fjord)	29.87	46	SSE	2	bc	29.94	+22	50	48	+6	S	2	bc	2	-	50	44	-	-	
	Bodö	29.84	46	ENE	4	bc	29.89	-01	46	41	-1	ENE	4	bc	1	-	52	41	-	-	
	Christiansund	29.89	45	NE	2	bc	29.92	+02	47	41	+4	ESE	2	bc	2	-	47	39	-	0.16	
	Skudesnaes	29.90	45	NNW	2	bc	29.99	+14	45	42	+2	S	4	o	2	bc	48	39	-	-	
	Sumburgh Head	29.77	45	SE	4	o	29.74	-10	46	45	+1	SW	1	n	3	bc, o	48	41	-	0.07	
BRITISH ISLANDS.	Stornoway	29.67	52	WSW	3	o	29.69	-05	45	44	-2	SSW	2	n	2	n, o	52	41	1.0	0.18	
	Malin Head	29.79	53	W	6	c	29.87	+08	51	49	+2	W	6	bc, p	5	bc	54	49	-	0.07	
	Blackod Pt.	29.81	53	SSW	6	om	29.90	+13	51	49	-1	SW	5	om	4	bc, om	56	49	-	0.12	
	Valencia	29.93	54	S	4	om	29.99	+11	54	52	+2	S	5	om	5	om	57	52	1.0	0.01	
	Roche's Point	29.97	56	SW	3	c	30.05	+13	54	52	+1	SW	3	c	3	o, c	58	52	-	-	
	Parsonstown	29.91	57	SW	1	o	29.90	+15	53	50	+1	S	2	o	-	61	51	3.8	-		
	Donaghadee	29.85	60	W	3	bc	29.96	+15	54	53	+4	W	3	ag	2	-	61	49	-	0.01	
	Liverpool Obsy.	29.95	56	W	3	bc	30.05	+16	55	51	+5	WSW	4	bc	3	p, bc	58	50	-	-	
	Holyhead	29.93	52	WSW	3	cmdp	30.04	+18	53	52	+3	SW	4	cf	3	cf, p	54	49	-	0.02	
	Pembroke (St. Ann's)	30.00	51	WSW	4	c	30.12	+22	52	51	+1	SW	4	cym	3	-	54	49	3.7	-	
GERMANY, &c.	Scilly (St. Mary's)	30.05	56	WSW	2	c	30.12	+20	53	51	0	SSW	4	cw	2	c	59	51	8.3	-	
	Jersey (St. Aubins)	30.08	59	WSW	3	cm	30.24	+22	52	50	-4	SSE	2	om	2	bc, cm	66	50	6.3	-	
	Portland Bill	30.04	55	SW	2	c	30.19	+21	52	51	-2	WNW	1	c	1	-	57	49	-	-	
	Dungeness	30.06	57	WSW	4	bc	30.22	+20	54	52	-1	WSW	3	m	1	bc	60	50	9.0	-	
	Wick	29.71	48	S	2	n	29.72	-08	48	46	+2	S	2	o	2	-	49	45	-	0.03	
	Nairn	29.69	55	W	1	c	29.71	-06	55	51	+9	SW	3	c	2	-	57	44	-	0.01	
	Aberdeen	29.76	53	SSW	3	c	29.82	-01	51	48	+2	SSW	3	om	2	p, c	53	46	3.5	0.01	
	Leith	29.83	54	WSW	2	bc	29.86	+04	55	52	+6	SW	3	p	-	-	57	47	-	0.04	
	North Shields	29.83	58	SW	2	c	29.98	+12	55	51	+4	SSW	3	o	2	omp, c	58	49	-	-	
	Spurn Head	29.92	55	WSW	3	o	30.09	+17	54	50	+2	WSW	3	o	3	-	62	50	-	-	
FRANCE.	Yarmouth	29.94	61	SW	3	bc	30.11	+14	55	51	-1	WSW	4	bc	3	bc	61	47	-	-	
	Loughborough																				
	Oxford	30.05	54	WSW	2	bc	30.18	+21	54	50	+4	SW	4	bc, m	-	o, bc, bc	64	46	-	-	
	London (Brixton)	30.00	62	WSW	2	o	30.18	+20	55	50	-1	WSW	2	bc	-	c, o, bc, o	66	47	1.1	-	
	The Scaw (Skagen)	29.91	45	W	2	bc	30.00	+25	46	43	-1	SW	1	bc	0	-	52	41	-	-	
	Fanö	29.97	48	SW	2	o	30.04	+09	51	50	+5	SW	2	o	-	-	50	46	-	0.08	
	Cuxhaven	30.02	55	SW	2	o	30.08	+03	54	52	+7	W	3	c	-	-	57	47	-	0.04	
	The Helder	29.98	53	SW	2	n	30.13	+13	55	53	+5	WSW	1	o	0	-	59	50	-	-	
	Brussels		*	*	*	*	30.24	+17	59	52	+7	SW	1	bc	-	-	65	47	-	-	
	Berlin	30.10	51	W	1	bc	30.15	+10	49	47	+2	SSW	1	o	-	-	57	43	-	-	
SPAN. PEN.	Frankfurt	30.12	52	E	1	bc	30.24	+14	52	45	+9	E	1	bc	-	-	63	41	-	-	
	Munich	30.15	52	E	3	bc	30.27	+18	52	49	+8	N	0	bc	-	-	59	39	-	-	
	C. Gris Nez	30.03	57	SW	2	bc	30.16	+12	50	50	-2	SW	3	f	3	-	63	50	-	-	
	Brest	30.11	57	NW	2	bc	30.24	+27	?	50		S	1	o	1	-	61	48	-	-	
	Lorient	30.09	63	W	3	bc	30.20	+21	55	54	0	E	2	c	2	-	68	50	-	-	
	Rochefort	30.08	61	NW	4	bc	30.19	+23	58	56	+4	ENE	1	bc	-	-	72	50	-	-	
	Biarritz	30.17	61	W	1	c	30.23	+21	54	54	-1	E	3	f	0	-	63	52	-	-	
	Paris	30.08	63	NE	1	bc	30.25	+20	52	49	+3	N	0	bc	-	-	67	41	-	-	
	Belfort	30.00	64	W	3	m	30.22	+19	54	49	+12	ENE	2	m	-	-	68	42	-	-	
	Lyons	30.04	68	NE	1	bc	30.24	+21	58	50	+12	NW	1	bc	-	-	73	46	-	-	
Nice	30.02	62	W	1	c	30.13	+17	66	57	+9	ENE	1	bc	-	-	70	54	-	-		
Perpignan	30.07	67	W	2	o	30.17	+21	67	58	+8	W	2	bc	-	-	69	59	-	0.04		
SPAN. PEN.	Corunna																				
	Lisbon	30.05	59	NW	3	bc	30.02	-04	64	58	+5	NNE	3	bc	-	-	70	55	-	-	
	Azores (P. Delgada)																				
	„ (Horta)	30.04	63	SSW	4	c	29.93	-14	63	62	+2	SSE	4	n	2	-	68	61	-	0.39	

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, 21st May, 1903.*

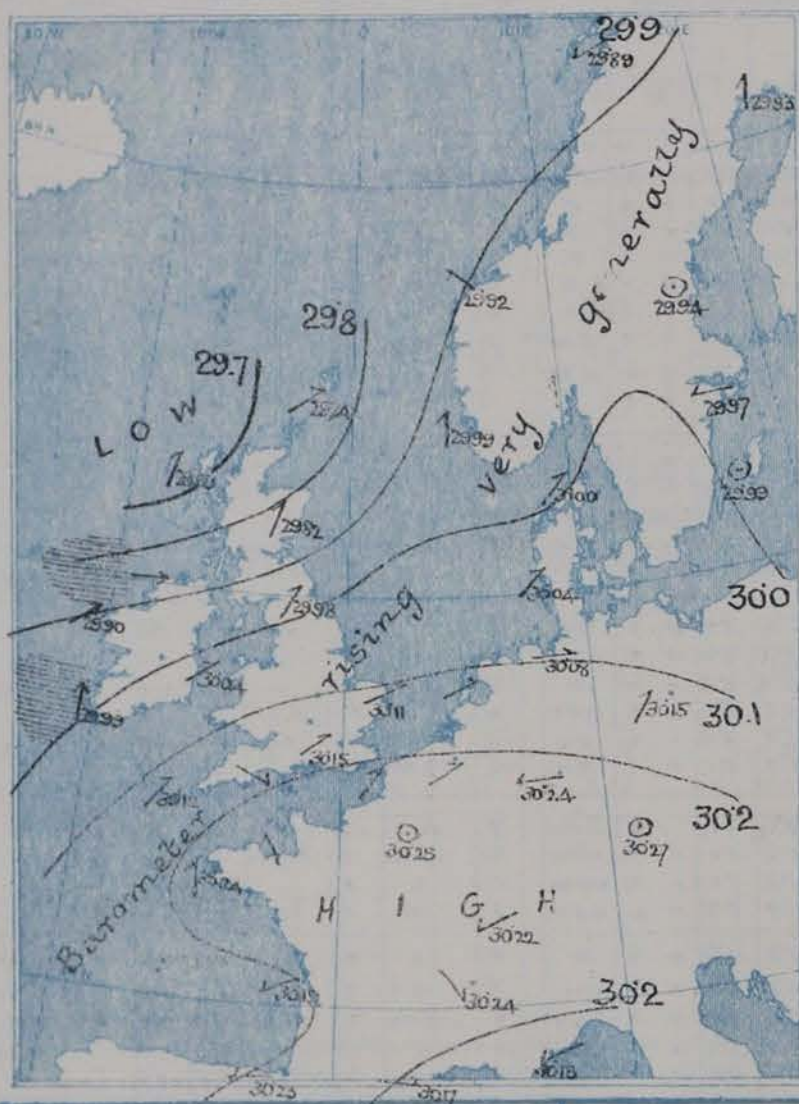
I. BAROMETER, WIND AND SEA. *This Morning.*

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 3 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 MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure has become somewhat irregular. The barometer is highest, 30.0 ins. and upwards, in a weak anticyclone lying over Germany, the Netherlands, the greater part of France, and the eastern parts of the Channel, but is relatively high, 29.9 ins. and upwards, in another area lying off the west of Norway. The lowest readings, 29.7 ins. and less are found in a cyclonic system over the Gulf of Bothnia, but the barometer is probably quite as low in another disturbance which is moving northwards outside the west of Scotland. The mercury is rising over western Europe as a whole, but is falling a little in Scotland and also in the northern parts of Scandinavia.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light from the SW^{wd} over Ireland, England and the Netherlands, from the S^{wd} or SE^{wd} in Scotland, and from the E^{wd} in the west of Norway. E^{ly} breezes are reported also over the greater part of France; in Sweden the wind is chiefly from the N^{wd}, and in Germany from the W^{wd}. Temperature has again risen in most parts of the United Kingdom and France and is now above the average over England and Ireland, the thermometer at some of our eastern and southeastern stations being slightly above 55°; in Scotland the readings are below 50° and remain slightly below the normal. Cool weather is still reported over France and Germany, and especially at places within the more central parts of the anticyclone, the morning readings being as low as 42° at Belfort, 43° at Frankfurt and 44° at Munich. The weather is fair over western Europe as a whole but is dull at most of our own western and central stations, with fog at the mouths of the English and Bristol Channels. Rain is falling at Biarritz and also at Hernösand. The sea is slight or smooth generally, but moderate off the west of Ireland.

During yesterday the thermometer rose to 60° or slightly above it at several stations in the more southern parts of England and Ireland, and to 65° in London. More than 12 hours of bright sunshine were recorded on many parts of our south and east coasts, and also at Stornoway and Llandudno. Slight rain has fallen over the western parts of the Kingdom generally, as well as in Denmark and Germany, and a considerable quantity at Biarritz where lightning has occurred.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic system off the west of Scotland will probably travel away to the northward but other disturbances are likely to appear off our western coasts. A small and very shallow secondary system is lying near the Bay of Biscay and is not unlikely to advance northwards, and occasion thunder in some parts of England. The changes in progress this morning are, however, of a very indefinite character.

FORECASTS*

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S ^{ly} to SW ^{ly} winds, light; changeable, some showers. Rather milder.	6 { SCOTLAND WEST	Same as Nos. 0 to 2.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	
3 { ENGLAND EAST	SW ^{ly} to S ^{ly} or SE ^{ly} winds, light; fair at first, doubtful later, probable local thunder showers.	9 { IRELAND NORTH	SW ^{ly} to S ^{ly} winds, light or moderate; cloudy, some showers.
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 5 P.M.						THIS MORNING 8 A.M.						PART 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	*	2	*	*	*	*	*	*	*	*	sw	*	7.20	55	48	12.5	-	
Bath	29.95	60	w	1	6	29.96	- .07	54	51	+ 6	sw	1	6	*	63	44	11.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m.	60	35	c	9.1	-	Eastbourne to 6 pm ...	*	*	*	12.8	*
Rhyl to 6 pm	*	*	*	10.0	*	Hastings	*	*	*	13.1	*
Llandudno	*	*	*	12.4	*	Lowestoft, to 6 p.m. ...	51	38	oc, r, c	12.2	-
Aberystwyth, to 6 p.m. ...	55	51	bc	12.0	-	Harrogate, to 6 p.m. ...	56	37	oc, r, cw	5.6	-
Plymouth, to 9 p.m.	60	40	bc, o	8.5	-	Manchester, to 9 p.m. ...	60	37	b	9.5	-
Worthing	*	*	*	12.9	*	Darwen, to 9 p.m. ...	58	35	bc, b, mw	6.5	-
Brighton	*	*	*	13.0	*	Birmingham, to 9 p.m. ...	61	41	c, b, c	7.8	-

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

STATIONS. 19 TH May. 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht	54	37	o, c	Ins.	Tunis	82	54	o, o	Ins
Madrid	77	46	b, o	—	Algiers	79	55	o, o	—
Vienna	61	46	b, c	o o 4	Madeira (Funchal)	Not recd			
St. Petersburg	57	39	r, r	—					
Trieste	68	55	c, b	o o 4					
Florence	68	54	o, r	—	18 TH May. 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome	70	56	b, c, o	—	Lugano	70	—	b	o 47
Corsica (I. Sanguinaires)	64	54	m, m	—	Davos	45	—	b	o 04
Naples	66	53	b, o	—	Lucerne	57	—	c	o 20
Palermo	73	46	o, o	—	Lausanne	57	—	b	o 08
Malta	72	62	?, f	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	20 th May 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
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.	Yarmouth	3 51	11 49	7 46
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4 4	11 56	7 48
France	7 a.m. (Paris) ...	6 51 a.m.	6 p.m. (Paris)	5 51 p.m.	Wick	3 38	12 8	8 39
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	4 43	12 37	8 30
Portugal	8 a.m. (Lisbon) ...	8 36 a.m.	3 23 p.m. (Lisbon)	4 p.m.				
Azores { Point Delgada ...	6 a.m. (Local) ...	7 43 a.m.	9 p.m. (Local)	10 43 p.m.				
{ Horta	6 a.m. (Local) ...	7 55 a.m.	9 p.m. (Local)	10 55 p.m.				

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.
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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, 22nd May,

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.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.			Min.					
																			Ins.			°	Ins.
SCANDINAVIA.	Haparanda ...	30.10	42	N	0	o	30.16	+ .23	49	47	+ 10	S	2	c	*	-	49	36	*	-			
	Hernösand ...	30.16	42	N	0	o	30.25	+ .31	48	43	+ 3	N	0	o	*	-	50	39	*	-			
	Stockholm ...	30.15	54	N	0	o	30.28	+ .31	57	50	+ 6	N	0	o	*	-	61	39	*	-			
	Wisby ...	30.17	46	N	2	o	30.29	+ .30	48	45	+ 4	N	0	o	*	-	50	41	*	-			
	Karlstad ...	30.17	50	N	0	o	30.30	+ .29	49	46	+ 4	SW	2	o	*	-	50	41	*	-			
	Færder (X'ania Fjord)	30.18	48	S	2	m	30.30	+ .31	47	46	- 3	N	0	f	0	-	52	46	*	-			
	Bodö ...	30.06	48	N	0	o	30.13	+ .24	50	42	+ 4	E	2	c	1	-	50	41	*	-			
	Christiansund ...	30.00	53	ESE	1	o	30.23	+ .31	49	46	+ 2	W	3	o	3	-	54	46	*	0.04			
BRITISH ISLANDS.	Skudesnaes ...	30.12	47	S	4	f	30.28	+ .29	46	46	+ 1	SE	4	f	2	o,f	48	37	*	*			
	Sumburgh Head ...	29.92	49	W	3	c	29.87	+ .13	50	49	+ 4	SE	5	c	6	c	51	41	*	0.04			
	Stornoway ...	29.93	53	W	3	o	29.68	- .01	52	48	+ 7	SSW	6	o	6	o	55	42	6.0	0.07			
	Malin Head ...	29.89	59	SSW	6	c	29.71	- .16	54	51	+ 3	SSW	7	o	5	o,c	59	50	*	-			
	Blacksod Pt. ...	29.87	54	SW	6	c	29.71	- .19	50	50	- 1	SSW	7	o	6	o,m,c	56	49	*	0.42			
	Valencia ...	29.93	54	S	5	cm	29.81	- .18	54	49	0	SW	4	o	5	o,m,c	57	50	1.2	0.13			
	Roche's Point ...	30.03	53	S	5	o	29.91	- .14	54	52	0	SSW	5	c	4	o,c	56	51	*	-			
	Parsonstown ...	29.95	57	S	6	c	29.86	- .13	57	51	+ 4	S	5	c	5	o,c	65	50	4.7	-			
GERMANY, &c.	Donaghadee ...	30.02	55	SSW	2	o	29.94	- .02	52	51	- 2	SSW	4	c	3	o	59	49	*	-			
	Liverpool Obsy. ...	30.13	59	WSW	1	o	30.04	- .01	60	56	+ 5	SSE	3	o	2	o,c	64	51	*	-			
	Holyhead ...	30.10	53	SW	5	o	30.01	- .08	54	51	+ 1	S	6	o	4	o,c	56	50	*	-			
	Pembroke (St. Ann's)	30.13	52	SSW	4	c	30.01	- .11	52	51	0	SSE	6	c	5	o,c	54	50	5.9	-			
	Scilly (St. Mary's)...	30.10	54	S	4	o	30.02	- .10	53	51	0	SSE	4	o	4	o	60	50	3.6	-			
	Jersey (St. Aubins)...	30.20	65	SSE	1	o	30.16	- .08	64	57	+ 12	ESE	1	o	1	f,o	67	50	8.3	-			
	Portland Bill ...	30.22	53	SSE	1	o	30.13	- .06	58	55	+ 6	SE	2	o	1	f,o	58	50	*	-			
	Dungeness ...	30.26	52	WSW	3	m	30.21	- .01	59	55	+ 5	SSE	4	o	2	f,m	59	50	11.8	-			
FRANCE.	Wick ...	30.01	54	S	3	c	29.85	+ .13	53	50	+ 5	S	3	c	2	-	58	46	*	-			
	Nairn ...	29.96	56	SW	3	c	29.82	+ .11	56	51	+ 1	SSW	4	c	2	-	62	51	*	-			
	Aberdeen ...	30.01	54	NNE	2	o	29.94	+ .12	51	49	0	SSE	4	o	2	o	66	47	2.6	-			
	Leith ...	30.05	58	SW	3	c	29.97	+ .11	56	52	+ 1	SSW	3	o	*	-	64	47	*	-			
	North Shields ...	30.10	59	SW	2	o	30.03	+ .05	60	56	+ 5	S	3	o	2	o	61	48	*	-			
	Spurn Head ...	30.15	60	SE	3	o	30.15	+ .06	54	52	0	SE	3	o	2	-	66	49	*	-			
	Yarmouth ...	30.17	58	S	3	o	30.20	+ .09	55	52	0	S	4	o	3	-	68	50	*	-			
	Loughborough ...	30.20	61	S	2	o	30.16	- .02	62	56	+ 8	SSE	3	o	*	-	70	52	*	-			
SPAN. PEN.	London (Brixton)...	30.20	66	SSW	2	o	30.17	- .01	65	57	+ 10	S	2	o	*	-	73	51	12.8	-			
	The Scaw (Skagen)	30.18	49	W	1	m	30.30	+ .30	52	50	+ 6	W	1	m	0	-	59	45	*	-			
	Fanö ...	30.28	46	N	0	o	30.36	+ .32	51	50	0	ESE	1	o	*	-	54	43	*	-			
	Cuxhaven ...	30.26	58	NW	1	c	30.36	+ .28	56	53	+ 2	N	0	o	*	-	59	46	*	-			
	The Helder ...	30.25	54	W	1	o	30.28	+ .15	59	56	+ 4	SSE	1	o	*	-	59	45	*	-			
	Brussels ...	*	*	*	*	*	30.29	+ .05	66	57	+ 7	ESE	3	o	*	-	71	?	*	-			
	Berlin ...	30.24	58	N	0	c	30.37	+ .22	57	53	+ 8	N	1	o	*	-	63	49	*	0.12			
	Frankfurt ...	30.30	59	N	1	o	30.34	+ .10	59	52	+ 7	NE	1	o	*	-	73	48	*	-			
GERMANY, &c.	Munich ...	30.36	57	NW	1	o	30.42	+ .15	55	52	+ 3	SE	2	o	*	-	68	45	*	-			
	C. Gris Nez ...	30.23	57	SSW	2	m	30.20	+ .04	63	56	+ 13	SE	3	o	2	-	63	50	*	-			
	Brest ...	30.18	58	S	1	o	30.07	- .17	59	56	+ 6	ESE	3	o	2	-	63	55	*	-			
	Lorient ...	30.19	53	SE	1	o	30.11	- .09	61	58	+ 6	SE	3	o	2	-	68	53	*	-			
	Rocheport ...	30.18	74	N	0	o	30.14	- .05	62	58	+ 4	SE	2	o	0	-	77	55	*	-			
	Biarritz ...	30.12	77	E	3	o	30.16	- .07	69	65	+ 15	ESE	1	o	0	-	77	54	*	-			
	Paris ...	30.26	69	ESE	2	o	30.25	+ .00	61	54	+ 9	SE	1	o	*	-	73	50	*	-			
	Belfort ...	30.25	51	ENE	4	m	30.29	+ .07	56	50	+ 2	ENE	5	o	*	-	72	49	*	-			
SPAN. PEN.	Lyons ...	30.21	71	N	1	o	30.29	+ .05	60	51	+ 2	ESE	1	o	*	-	75	51	*	-			
	Nice ...	30.18	68	N	0	o	30.25	+ .12	68	58	+ 2	ENE	2	o	*	-	75	41	*	-			
	Perpignan ...	30.17	72	SE	2	o	30.26	+ .09	61	59	- 6	SE	2	o	*	-	79	50	*	-			
	Corunna ...	30.06	62	NW	4	o	30.10	+ .08	66	61	+ 2	N	3	o	*	-	77	61	*	-			
SPAN. PEN.	Lisbon ...	30.06	62	NW	4	o	30.10	+ .08	66	61	+ 2	N	3	o	*	-	77	61	*	-			
	Azores (P. Delgada)	30.10	63	N	0	o	30.16	+ .23	60	58	- 3	N	1	o	2	-	70	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 *FRIDAY, 22nd MAY, 1903.*

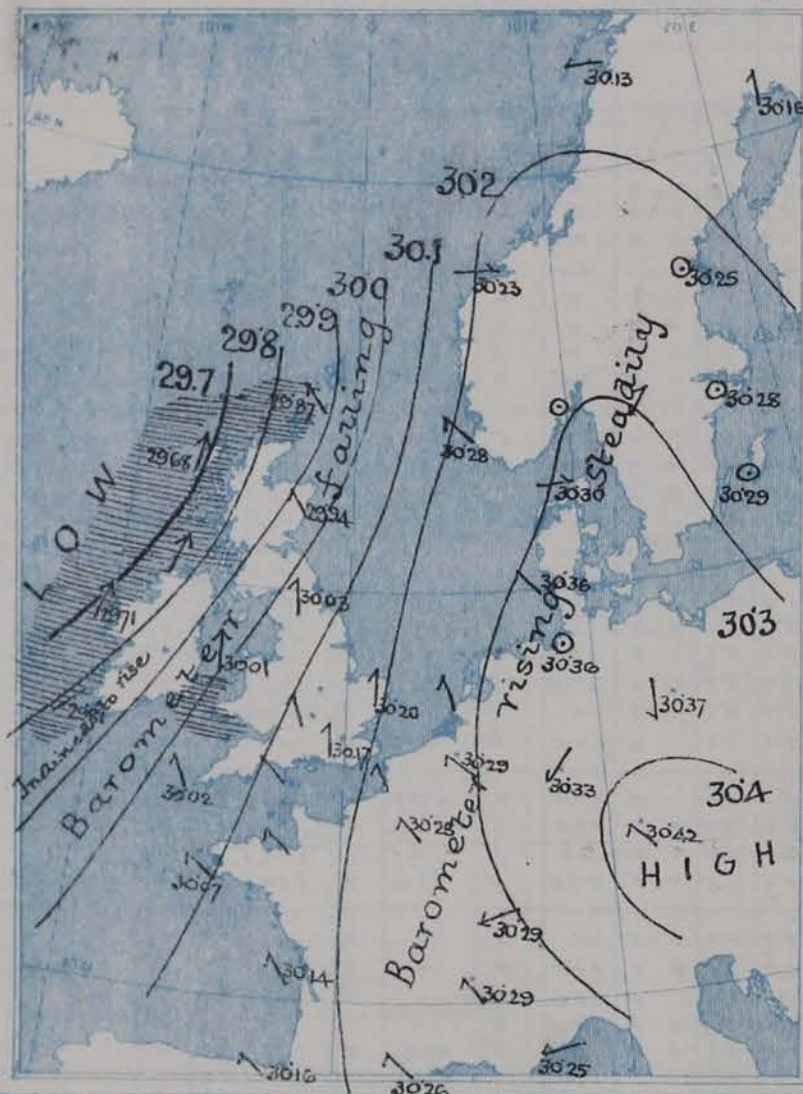
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

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

SEA.—Rough  High 



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

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

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

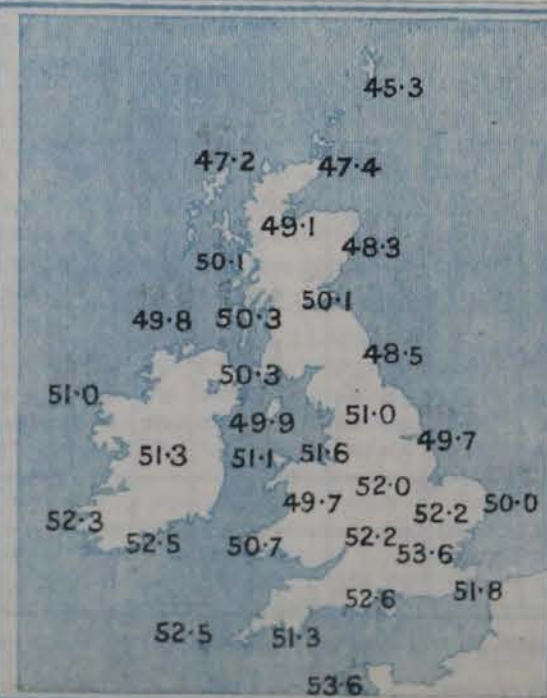


III BAROMETER AND WIND

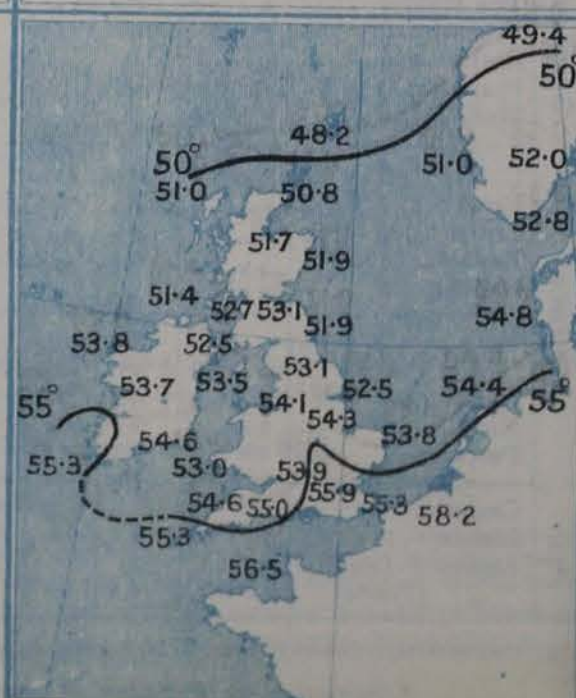
Yesterday morning.



IV Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone shown over southwestern Europe on yesterday's map has spread westward and now lies over France and Germany. The low pressure system whose centre lay to the west of Scotland yesterday, has moved in a northeasterly direction, and now lies near the Farøe Islands. The wind has backed to the S^W and freshened in Ireland and the west of England; this points to a further disturbance off our western coasts, whose centre is well out to sea. If the barometer readings reported from the west coast of France are correct, a secondary lies over the Bay of Biscay, but the E^W winds do not confirm this.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind over Great Britain is generally W^W or SW^W and moderate in intensity, in Ireland it has backed to the S^W and become strong, with a gale during the night at Blacksod Point. Light and variable breezes are reported from the Continent generally. The weather is fine over the greater part of our area, only in Scotland and Ireland it is dull and misty, with rain in the extreme north of Scotland and showers at Malin Head and Leith. Temperature has risen generally, mainly in the north of England and over France. Readings in the United Kingdom are between 45° and 55°, on the Continent they range between 39° at Haparanda and 67° at Perpignan. The sea is rather rough off the west of Ireland, slight or smooth elsewhere.

During the past 24 hours rainfall in our Islands was confined to the north and west, and the amounts were everywhere small (max. 0.18 at Stornoway). The amount of bright sunshine varied greatly in different parts of the country, 11.8 hours are reported from Eastbourne, but only 1 hour at London, Valencia and Stornoway. The temperature rose to 66° in London and Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is now steady at Stornoway, rising generally elsewhere.

The disturbance off our west coasts, will cause strong or fresh winds in our western districts with some showers as it passes northwards. Further east the anticyclonic character will prevail and fine weather with a rise in temperature may be looked for.

FORECASTS *

For the 24 hours ending at NOON on 22nd May

1903

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	SW ^W to W ^W winds, light or moderate; showery to fair.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	SW ^W winds, light to fresh; fair and watmet.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	



DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as Nos 0 and 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	SW ^W to S ^W winds, moderate to fresh; fair to showery. Watmet.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH.	showery.

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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	8	"	c, 0	59	47	3.0	-
Bath	30.03	57	W 3	6	30.15	+ .19	54	51	0	SW 2	8	"	-	63	45	2.5	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	56	41	o p, c	3.0	0.02	Eastbourne to 6 pm ...	*	*	*	11.8	*
Rhyl to 6 pm ...	*	*	*	4.5	*	Hastings ...	*	*	*	11.5	*
Llandudno ...	*	*	*	1.8	*	Lowestoft, to 6 p.m. ...	60	45	c o, r, c	2.0	-
Aberystwyth, to 6 p.m. ...	54	51	o c	6.0	-	Harrogate, to 6 p.m. ...	57	40	o c	1.0	-
Plymouth, to 9 p.m....	63	51	δ c	3.0	-	Manchester, to 9 p.m. ...	59	42	o p, δ c	0.8	0.02
Worthing ...	*	*	*	4.4	*	Darwen, to 9 p.m. ...	55	41	δ, o r, c m, w	1.0	0.05
Brighton ...	*	*	*	7.3	*	Birmingham, to 9 p.m. ...	60	47	o, c	1.0	-

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

STATIONS. 26 th May. 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	55	34	b, b	Ins.	Tunis	72	54	o, c	Ins.
Madrid	Not rec ^d			—	Algiers	77	59	bc, c	—
Vienna	59	39	b, o	?	Madeira (Funchal)	Not rec ^d			
St. Petersburg	61	46	c, o	0.12					
Trieste	70	54	b, o	—					
Florence	74	51	b, b	—	14 th May. 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome	72	52	b, o	—					
Corsica (I. Sanguinaires) ...	66	54	m, m	—	Lugano	70	—	b	—
Naples	71	57	b, c	—	Davos	59	—	b	—
Palermo	73	58	o, o	—	Lucerne	57	—	bc	—
Malta	65	64	? , f	—	Lausanne	61	—	b	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	21 st May 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡	Yarmouth	3.50	11.49	7.48
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	4.2	11.56	7.50
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	3.36	12.8	8.41
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	4.41	12.37	8.32
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 { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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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, 23rd May, 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.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
		Ins.	°				Ins.	Ins.	°	°						°	°				
SCANDINAVIA.	Haparanda	30.27	41	S	2	8	30.32	+0.16	48	43	-1	S	2	0	-	57	39	*	-		
	Hernösand	30.32	44	Z	0	8	30.33	+0.08	47	42	-1	Z	0	8	-	59	32	*	-		
	Stockholm	30.30	55	SE	2	8	30.33	+0.05	63	52	+6	S	2	8	-	66	45	*	-		
	Wisby	30.33	49	Z	0	8	30.32	+0.03	55	49	+7	Z	0	8	-	57	43	*	-		
	Karlstad	30.30	55	S	2	8	30.33	+0.03	58	50	+9	S	2	8	-	*	*	*	-		
	Færder (X'ania Fjord)	30.32	51	SSE	1	m	30.28	-0.02	54	51	+7	S	2	m	1	-	54	46	*	-	
	Bodö	30.28	48	W	1	8	30.05	-0.08	52	42	+2	E	6	8	1	-	52	43	*	-	
	Christiansund	30.09	62	SE	2	8	30.05	-0.18	50	47	+1	W	8	0	5	-	63	46	*	-	
	Skudesnaes	30.19	52	S	6	m	30.17	-0.11	49	48	+3	SSW	6	0	4	m	56	45	*	-	
BRITISH ISLANDS.	Sumburgh Head	29.78	52	SE	6	c	30.12	+0.25	48	46	-2	WSW	5	8	5	c	55	43	*	0.08	
	Stornoway	29.82	46	WSW	3	0	30.13	+0.45	48	45	-4	SW	5	0	5	7.0	53	40	0.3	0.30	
	Malin Head	29.92	48	NNW	5	cp	30.30	+0.59	51	48	-3	SW	5	8cp	4	7.0p	55	45	*	0.20	
	Blacksod Pt.	30.05	51	WNW	4	8cp	30.34	+0.63	52	48	+2	SW	5	8c	4	m,8cp	52	46	*	0.16	
	Valencia	30.15	51	WNW	4	8c	30.43	+0.62	50	46	-4	SSW	1	8c	3	m,8c	56	39	7.5	0.18	
	Roche's Point	30.09	56	WNW	4	8c	30.45	+0.54	51	48	-3	NW	1	8w	0	7c,8c	57	40	*	0.05	
	Parsonstown	30.03	52	W	4	c	30.44	+0.58	51	46	-6	W	1	8	*	8cp,c	60	38	6.6	0.12	
	Donaghadee	29.93	53	SW	3	cp	30.39	+0.45	49	47	-3	W	3	8	3	-	57	38	*	0.18	
	Liverpool Obsy.	30.00	58	WSW	5	c	30.43	+0.39	51	47	-9	NW	1	8	2	8c,c	73	47	*	-	
	Holyhead	30.02	52	SW	6	mp	30.42	+0.41	54	51	0	NW	2	8	1	8c,mp	59	45	*	0.02	
GERMANY, &c.	Pembroke (St. Ann's)	30.09	52	WSW	5	c	30.41	+0.40	52	48	0	N	4	8	4	-	54	44	4.1	-	
	Scilly (St. Mary's)	30.16	55	WNW	4	c	30.40	+0.38	54	50	+1	NNE	4	c	5	c	61	49	4.6	-	
	Jersey (St. Aubins)	30.23	63	WNW	4	8m	30.37	+0.21	57	51	-7	NNE	3	8	3	8,8m	72	51	13.6	-	
	Portland Bill	30.12	58	SW	1	c	30.38	+0.25	57	54	-1	N	1	8	1	8,c	64	48	*	-	
	Dungeness	30.13	65	SW	1	8	30.34	+0.13	60	56	+1	NE	3	8	1	8c,8	70	54	13.7	-	
	Wick	29.83	55	SW	4	7	30.22	+0.37	48	45	-5	SSW	3	8	2	m,7c	67	38	*	0.30	
	Nairn	29.81	48	W	2	7	30.28	+0.41	51	46	-5	SSW	4	8c	2	-	66	37	*	0.12	
	Aberdeen	29.85	52	SSE	2	0	30.31	+0.37	53	45	+2	WSW	2	8	2	cm,om	58	39	3.5	-	
	Leith	29.93	53	WSW	3	p	30.35	+0.38	55	48	-1	WSW	2	8c	*	-	65	43	*	0.02	
	North Shields	29.90	70	SSW	3	0	30.37	+0.34	53	47	-7	WNW	3	8	2	c,0,p	73	42	*	-	
FRANCE.	Spurn Head	30.01	61	S	3	8c	30.37	+0.22	53	49	-1	N	4	8	2	-	65	49	*	-	
	Yarmouth	30.10	60	SSE	4	8	30.31	+0.11	59	51	+4	N	5	8	4	8	62	51	*	-	
	Loughborough	30.13	61	WSW	4	8c	30.40	+0.24	55	50	-7	N	2	8	*	8c	75	47	*	-	
	Oxford	30.13	61	WSW	4	8c	30.40	+0.24	55	50	-7	N	2	8	*	8c	75	47	*	-	
	London (Brixton)	30.10	74	SW	3	8	30.36	+0.19	59	53	-6	ENE	3	8	*	8cp,8	79	53	13.2	0.03	
	The Scaw (Skagen)	30.32	54	SE	1	m	30.27	-0.03	54	51	+2	S	2	8c	0	-	66	50	*	-	
	Fanö	30.27	55	SE	2	8	30.25	-0.11	60	56	+9	SE	3	c	*	-	63	50	*	-	
	Cuxhaven	30.28	65	E	3	8	30.24	-0.12	62	57	+6	S	3	8	*	-	66	54	*	-	
	The Helder	30.15	69	SE	1	8	30.25	-0.03	54	52	-5	N	3	c	2	-	73	54	*	-	
	Brussels	*	*	*	*	*	30.26	-0.03	69	60	+3	N	1	8	*	-	80	59	*	-	
SPAN. PEN.	Berlin	30.33	62	E	1	8	30.33	-0.04	59	52	+2	SE	2	8	*	-	68	50	*	-	
	Frankfurt	30.23	63	E	1	8	30.25	-0.09	65	56	+6	NE	2	8	*	-	79	54	*	-	
	Munich	30.34	59	E	3	8	30.34	-0.08	60	54	+5	SW	4	8	*	-	70	46	*	-	
	C. Gris Nez	30.11	71	SW	2	8	30.29	+0.09	57	55	-6	NNE	3	8c	3	-	79	54	*	-	
	Brest	30.19	58	NW	2	8c	30.37	+0.30	52	50	-7	N	2	8	2	-	59	48	*	-	
	Lorient	30.17	67	WNW	2	8	30.32	+0.21	53	51	-8	NE	4	8	3	-	72	52	*	-	
	Rocheport	30.13	73	WSW	2	8	30.21	+0.07	62	61	0	WNW	2	8	*	-	86	57	*	-	
	Biarritz	30.17	73	ENE	1	8	30.32	+0.16	60	58	-9	W	3	8	2	-	82	59	*	-	
	Paris	30.18	79	SSW	2	8	30.27	+0.02	65	60	+4	Z	0	8	*	-	84	53	*	-	
	Belfort	30.17	72	ENE	3	m	30.25	-0.04	59	54	+3	ENE	2	m	*	-	77	51	*	-	
SPAN. PEN.	Lyons	30.19	78	ENE	1	8	30.26	-0.03	64	55	+4	ENE	1	8	*	-	83	56	*	-	
	Nice	30.21	69	Z	0	8	30.16	-0.09	70	57	+2	Z	0	8	0	-	79	61	*	-	
	Perpignan	30.21	69	NE	2	8	30.25	-0.01	65	58	+4	SW	1	8	*	-	76	49	*	-	
SPAN. PEN.	Corunna	30.10	69	N	4	8c	30.08	-0.02	64	59	-2	NNE	4	0	*	-	77	64	*	-	
	Lisbon	30.22	62	ESE	1	0	30.16	+0.01	63	61	+1	Z	0	0	2	-	68	59	*	-	
	Azores (P. Delgada)	30.20	61	S	3	8	30.15	-0.01	63	60	+3	S	3	0	2	-	68	60	*	-	

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, 23rd MAY, 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

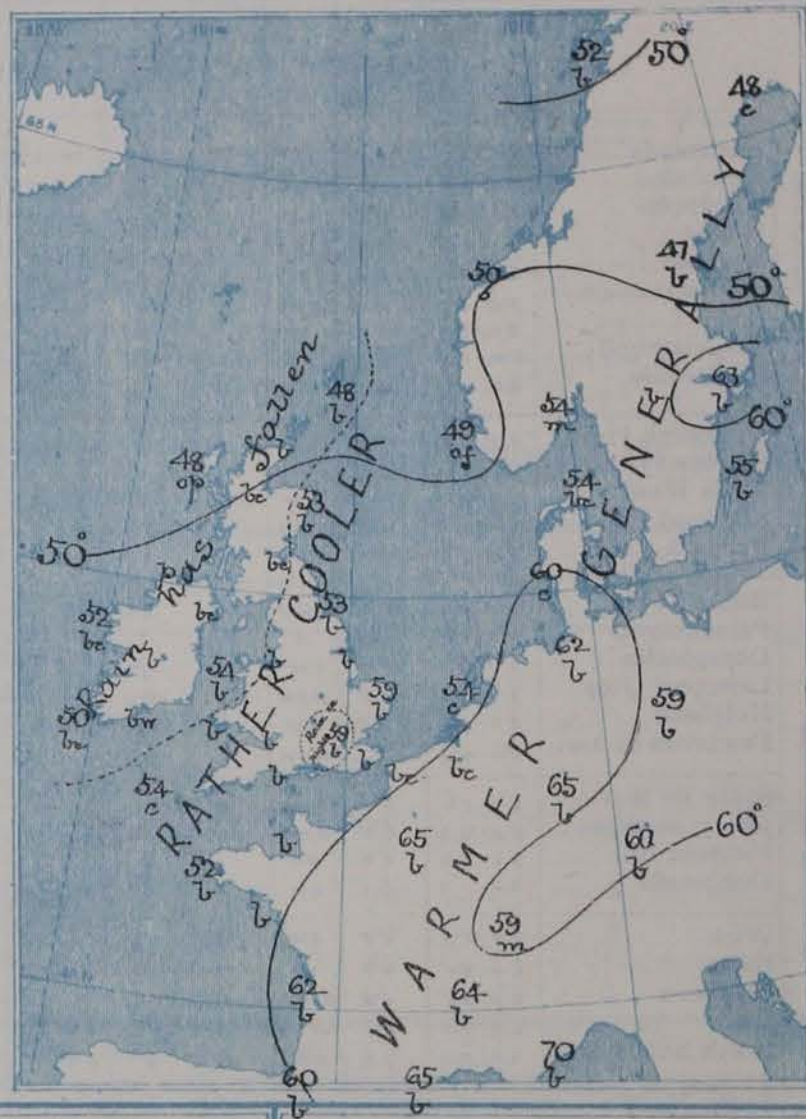


II. TEMPERATURE AND WEATHER. *This Morning.*

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—1/2

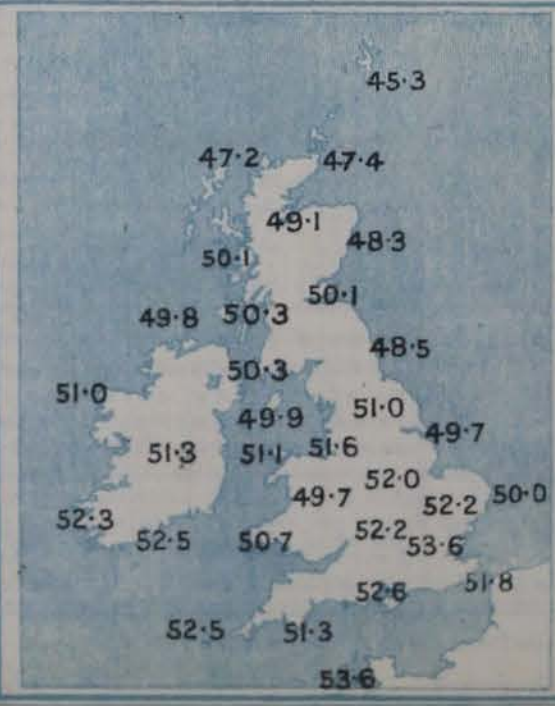


III. BAROMETER AND WIND

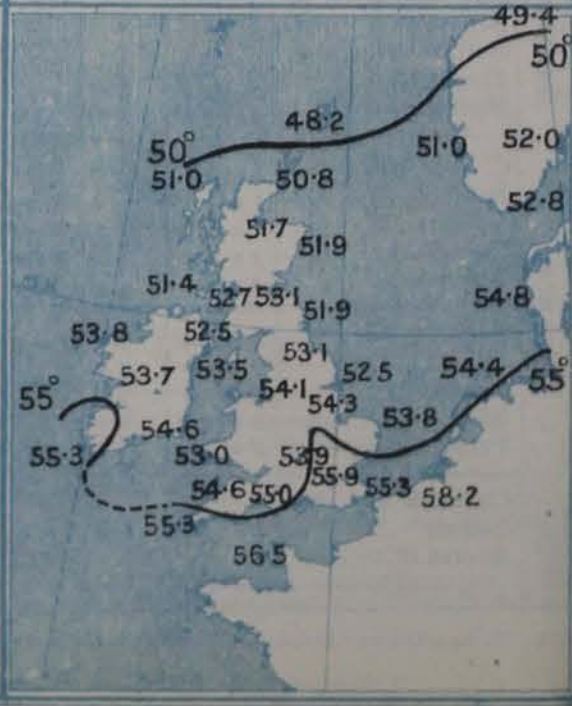
Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone noticed on yesterday's map has spread and increased in intensity and now extends over France, Germany, and Scandinavia; the highest reading, 30.42 in., reported this morning, is to be found in the southeast, at Munich. Low pressure systems continue to pass over the Atlantic in a northerly direction, skirting along our western coasts. At present a depression lies to the northwest of Ireland (Stormway 29.68 in.), and the gradient is rather steep in the west in consequence. The barometer is now rising in its rear at Valencia.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is strong and from the SSWth over Ireland and the west of Scotland (a gale blew during the night at Blacksod Point); over England and the east of Scotland moderate to fresh Sth or SEth breezes prevail. From the Continent, light breezes chiefly Eth in direction, are reported; the majority of the Scandinavian stations record calms. The weather is typically anticyclonic in character over the whole of the Continent and also in the southeast of England, a cloudless sky is reported from all stations, with mist in a few places and fog on the west coast of Denmark and the south of Norway. Further to the west and north of our Islands the sky is cloudy or overcast and rain is falling in the extreme west of Ireland. Temperature has risen at all inland stations and at some coast stations, but no change has occurred at the coast stations in Ireland and the west of England, which are obtaining their air supply from the Atlantic.

During yesterday the thermometer rose to 73° in London (maximum for the British Isles) and 12.8 hours of bright sunshine were recorded; similar conditions prevailed over the southeast of England; further west, less bright sunshine was experienced, and in Ireland, Valencia recorded no more than 1.2 hours. Rainfall was confined to the extreme west of Ireland and Scotland, (Blacksod Point .42 in.) On the Continent, the highest temperature observed was 79° at Perpignan. Some very large ranges of temperature, typical of anticyclonic conditions were reported—Nice 34°.

The sea is rough off the west and north of Scotland and Ireland, moderate in the Irish Sea, slight elsewhere.



PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine warm weather may be expected to continue in England and the east of Scotland. Further west the depression will still cause unsettled weather and strong winds, but the veering wind, and rising barometer at Valencia indicate that the depression is passing away so that an improvement may be looked for in Ireland.

FORECASTS *

For the 24 hours ending at NOON on 23rd May, 1902

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S th to SW th winds, fresh to strong; showery to fair.	6 { SCOTLAND WEST	Same as No. 0.
1 { SCOTLAND EAST	S th winds, light to fresh; fair and warm generally.	7 { ENGLAND N.W.	S th (SE th to SW th) winds, moderate to fresh, fair, warm inland.
2 { ENGLAND N.E.		8 { ENGLAND S.W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	S th to SW th winds, strong and moderating; showery. Improving.
4 { MIDLAND COUNTIES	S th (SE th to SW th) winds, light or moderate; fair and warm. Close.	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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	m	"	8, w	60	53	13.6	-
Bath	30.18	65	w 1	8	30.12	-.03	63	58	+ 9	SE 1	8	"	-	67	49	8.6	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	63	50	c, b	10.3	-	Eastbourne to 6 pm ...	*	*	*	10.5	*
Rhyl to 6 pm ...	*	*	*	7.0	*	Hastings ...	*	*	*	10.2	*
Llandudno ...	*	*	*	5.9	*	Lowestoft, to 6 p.m. ...	68	48	b	11.1	-
Aberystwyth, to 6 p.m. ...	60	54	c, b	5.0	-	Harrogate, to 6 p.m. ...	66	47	c	3.5	-
Plymouth, to 9 p.m....	58	48	b, c, f	6.1	-	Manchester, to 9 p.m. ...	66	47	b, c, b	8.2	-
Worthing ...	*	*	*	10.1	*	Darwen, to 9 p.m. ...	62	45	c, b, c, m, w	8.4	-
Brighton ...	*	*	*	5.1	*	Birmingham, to 9 p.m. ...	66	46	c, c, b	9.5	-

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

[illegible]

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	22 nd May, 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
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.	Yarmouth	3.49	11.49	7.49
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4.1	11.56	7.51
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.34	12.8	8.43
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	4.40	12.37	8.34
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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 Sunday 24th May

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.			Barometer.	Temperature.	Wind.								Temp.		Sun-	Rainfall.
		At 82° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 82° Fabr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Max.	Min.	Shine. Hours.	Ins.
		Ins.	°				Ins.	Ins.	°	°							°	°		Ins.
SCANDINAVIA.	Haparanda ...	30.21	44	Z	0	b	30.18	-14	41	39	-7	S	2	0	*	-	55	36	*	-
	Hernösand ...	30.22	48	SW	2	bc	30.37	+04	45	44	-2	N	2	0	*	-	57	32	*	0.04
	Stockholm ...	30.25	55	S	2	b	30.27	-06	61	53	-2	N	2	0	*	-	70	46	*	-
	Wisby ...	30.26	50	Z	0	b	30.24	-08	43	34	-12	Z	0	0	*	-	61	43	*	-
	Karlstad ...	30.23	58	SW	2	bc	30.32	-01	54	50	-4	NE	4	0	*	-	*	*	*	-
	Færder (X'iania Fjord) ...	30.23	51	N	1	0	30.40	+12	51	44	-3	NNW	6	0	2	-	55	48	*	0.20
	Bodö ...	30.24	44	SW	4	+	30.32	+27	47	43	-5	SSW	4	0	2	-	63	43	*	0.08
	Christiansund ...	30.34	48	WSW	2	b	30.43	+38	51	44	+1	W	5	0	4	-	52	43	*	0.12
	Skudesnaes ...	30.44	48	NNW	4	b	30.52	+35	49	47	0	SE	1	m	1	b	52	41	*	*
	Sumburgh Head ...	30.27	51	W	6	c	30.39	+27	50	47	+2	SSW	2	0	4	b, c	52	47	*	-
BRITISH ISLANDS.	Stornoway ...	30.28	53	WSW	5	a	30.33	+20	50	47	+2	SSW	6	0	6	0	55	45	5.4	0.02
	Malin Head ...	30.38	52	W	4	bc	30.34	+04	51	47	0	S	2	0	2	bc	54	47	*	-
	Blacksod Pt. ...	30.38	52	SSW	5	c	30.32	-02	52	48	0	SSW	3	0	3	c	55	47	*	-
	Valencia ...	30.41	55	S	2	bc	30.32	-11	51	48	+1	Z	0	0	3	bc	57	38	13.8	-
	Roche's Point ...	30.44	54	S	2	b	30.33	-12	56	53	+5	ESE	3	0	1	b	56	41	*	-
	Parsonstown ...	30.40	62	Z	0	b	30.36	-08	55	49	+4	S	1	0	*	b	62	40	12.3	-
	Donaghadee ...	30.42	52	SW	4	c	30.41	+02	51	50	+2	ESE	4	0	3	-	57	42	*	-
	Liverpool Obsy. ...	30.46	51	NNW	1	c	30.44	+01	56	49	+5	SE	3	0	1	b, c	57	44	*	-
	Holyhead ...	30.46	52	E	2	c	30.39	-03	58	53	+4	Z	0	0	0	b, c	58	45	*	-
	Pembroke (St. Ann's) ...	30.41	53	NNE	5	b	30.35	-06	54	51	+2	E	5	0	4	b	59	49	13.7	-
GERMANY, &c.	Scilly (St. Mary's) ...	30.28	54	NNE	4	b	30.27	-13	54	51	0	E	4	0	4	b, w	56	49	13.7	-
	Jersey (St. Aubins) ...	30.34	64	ENE	4	bm	30.30	-07	59	55	+2	ENE	4	0	3	b, bm	66	52	13.9	-
	Portland Bill ...	30.37	62	NW	1	b	30.35	-03	52	50	-5	E	4	0	3	b	65	47	*	-
	Dungeness ...	30.40	54	ENE	5	b	30.41	+07	52	50	-8	E	6	0	4	b	70	48	12.6	-
	Wick ...	30.35	53	SW	3	bc	30.39	+17	52	50	+4	SSW	2	0	1	-	58	46	*	-
	Nairn ...	30.34	55	SSW	2	bc	30.37	+14	55	50	+4	Z	0	0	0	-	60	46	*	-
	Aberdeen ...	30.37	60	WSW	2	b	30.44	+13	52	49	-1	SSE	2	0	1	b	63	43	10.4	-
	Leith ...	30.41	58	W	2	b	30.43	+08	59	52	+4	Z	0	0	*	-	63	47	*	-
	North Shields ...	30.44	53	S	3	c	30.46	+09	55	50	+2	SW	2	0	2	b, c	58	45	*	-
	Spurn Head ...	30.45	48	ESE	4	bc	30.49	+12	52	50	-1	ENE	3	0	2	-	57	43	*	-
FRANCE.	Yarmouth ...	30.42	55	NNE	4	b	30.46	+15	51	48	-8	ENE	5	0	4	b	58	46	*	-
	Loughborough ...																			
	Oxford ...	30.44	54	ENE	1	b	30.45	+05	48	44	-7	E	2	0	*	b	68	39	*	-
	London (Brixton) ...	30.40	62	NNE	3	b	30.42	+06	54	49	-5	ENE	4	0	*	b	71	45	13.0	-
	The Scaw (Skagen) ...	30.23	51	NW	2	m	30.35	+08	51	47	-3	NNE	4	0	1	-	59	48	*	-
	Fanö ...	30.36	47	NW	4	b	30.41	+16	53	47	-7	NNW	4	0	*	-	64	45	*	-
	Cuxhaven ...	30.32	54	N	4	b	30.39	+15	54	50	-8	NNW	4	0	*	-	70	50	*	-
	The Helder ...	30.40	51	NNE	4	bc	30.43	+18	53	48	-1	NE	3	0	3	-	59	48	*	-
	Brussels ...	*	*	*	*	*	30.40	+14	52	48	-17	ENE	2	0	*	-	74	45	*	-
	Berlin ...	30.25	65	Z	0	b	30.25	-08	60	56	+1	Z	0	0	*	-	72	55	*	-
SPAN. PEN.	Frankfurt ...	30.21	68	N	2	0	30.28	+03	62	55	-3	N	4	0	*	-	84	57	*	-
	Munich ...	30.28	64	NE	1	b	30.29	-05	58	55	-2	NE	3	0	*	-	73	50	*	-
	C. Gris Nez ...	30.37	52	ENE	4	b	30.34	+05	50	48	-7	ENE	5	0	4	-	59	48	*	-
	Brest ...	30.28	61	NNE	4	b	30.13	-14	60	58	+8	ENE	2	0	1	-	66	52	*	-
	Lorient ...	30.26	70	NE	2	b	30.21	-11	60	58	+7	E	4	0	2	-	75	53	*	-
	Rochefort ...	30.16	71	NW	2	b	30.13	-08	67	64	+5	ENE	3	0	*	b	77	61	*	-
	Blarritz ...	30.22	62	NNW	3	b	30.15	-17	58	58	-2	Z	0	0	3	-	64	55	*	-
	Paris ...	30.26	73	NNE	4	b	30.30	+03	57	53	-8	NNE	3	0	*	-	83	51	*	-
	Belfort ...	30.15	73	ENE	4	m	30.19	-06	62	58	+3	ENE	3	0	*	-	82	54	*	-
	Lyons ...	30.21	77	N	1	b	30.17	-09	66	58	+2	NNW	1	0	*	-	83	60	*	-
SPAN. PEN.	Nice ...	30.10	71	Z	0	b	30.10	-06	69	61	-1	Z	0	0	*	-	79	59	*	-
	Perpignan ...	30.13	73	SW	1	b	30.11	-14	72	59	+7	SW	2	0	*	-	85	54	*	-
SPAN. PEN.	Corunna ...	30.17	66	NNE	1	b	30.10		64	61		NNE	1	0	3	-	70	57	*	-
	Lisbon ...	30.02	68	?	2	c	29.97	-11	69	62	+5	NNE	4	0	*	-	81	64	*	0.35
	Azores (P. Delgada) ...	30.17	63	SE	4	m	30.16	00	64	63	+1	SE	2	0	2	-	68	63	*	0.12
SPAN. PEN.	„ (Horta) ...	30.16	64	S	3	+	30.16	+01	64	63	+1	SE	4	0	2	-	68	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 SUNDAY, 24TH MAY, 1903.

I. BAROMETER, WIND AND SEA. This Morning.

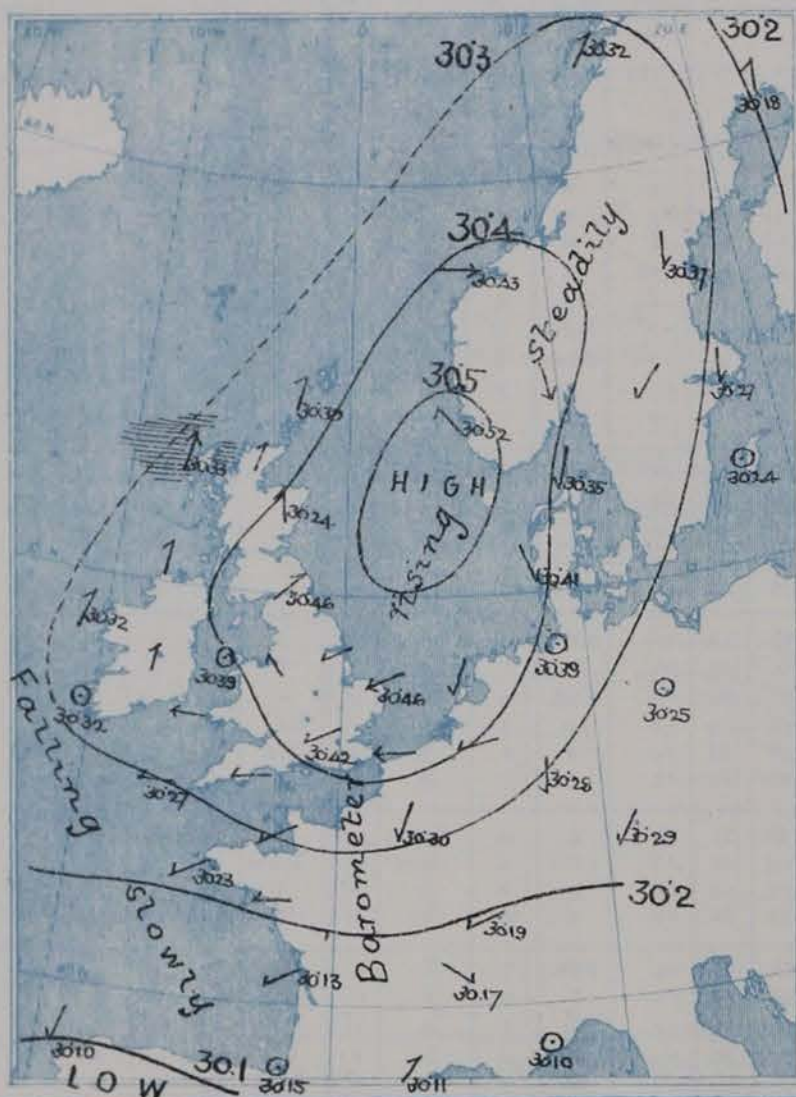
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

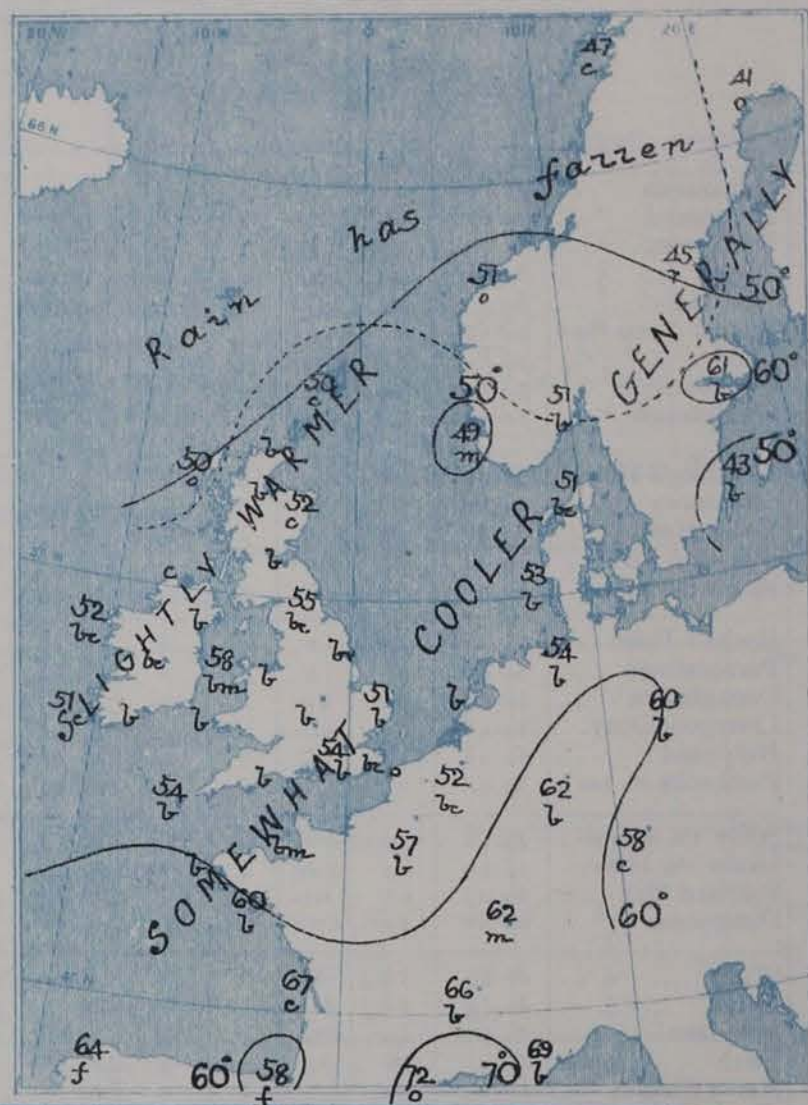


II. TEMPERATURE AND WEATHER. This Morning.

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: 0.5



III. BAROMETER AND WIND

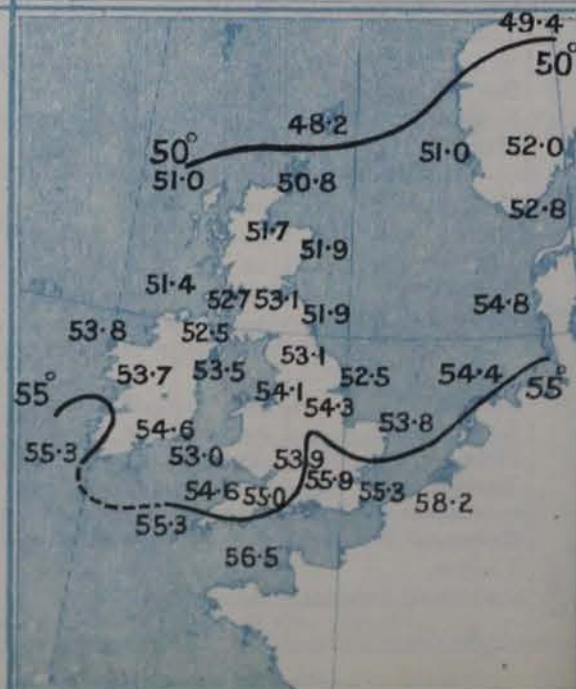
Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The cyclonic system which lay off our northwest coasts yesterday has travelled northeastwards and is now situated to the westward of Norway, the lowest barometer reading, 30.05 ins., being reported at Bodø and Christiansund. In the rear of the disturbance the barometer has risen briskly, and a large anticyclone has spread from the Atlantic over nearly the whole of these Islands, the highest pressures 30.4 ins. and upwards, being at present found over the south of Ireland, Wales and the southwest of England. Another anticyclone in which readings exceed 30.3 ins. covers Sweden, the Baltic and a considerable portion of Central Europe.

WIND

The wind is SW^{ly} over Scotland, the north of Ireland and the west of Norway and fresh in force on our extreme north and northwest coasts; at Christiansund there is a gale from W, and at Bodø a strong wind from E. Over England and the neighbouring parts of the Continent there is a light to moderate breeze from the N^W (NW to NE) but in Germany and central France the wind is variable, while in Denmark and Sweden it is light from the SW.

TEMPERATURE

Over our Islands the extension of the anticyclone has brought about a rather general fall of temperature, and at many of our western and northern stations the readings are now below the average; those in the extreme north of Scotland being slightly below 50°. In the south and east of England, however, the thermometer is still a few degrees above the normal, the highest reading reported being 60° at Dungeness.

WEATHER

Over the greater part of France, Belgium and Germany the readings are above 60°; at Brussels the thermometer stands at 69° and at Nice at 70°. The weather is fine over western Europe generally, but showers are falling at Stornoway and Malin Head and dull weather is reported in the west of Norway. The sea is slight or smooth generally, but is rather rough off the north of Scotland and at Christiansund; a ground swell is reported at Scilly.

AND

SEA

During yesterday the thermometer rose to 70° and upwards in many parts of England, to 75° at Oxford and to 79° in London; at Brussels it rose to 80° at Paris to 84° and at Rochefort to 86°. More than 13 hours of bright sunshine were recorded over the south and east of England generally; at Hastings there were as many as 14.3 hours. Rain fell in Ireland and Scotland, and a smart shower, locally, in London late in the evening.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over these Islands seems likely to move slowly in a southerly or southeasterly direction, but the weather over England will probably remain under its influence during the ensuing 24 hours. Cyclonic disturbances are apparently still moving over the Atlantic, and one of these will probably affect the Irish and Scotch coasts by tonight or tomorrow.

FORECASTS *

For the 24 hours ending at NOON on 24TH May

1903

DISTRICTS.



FORECASTS.

0	SCOTLAND NORTH	SW ^{ly} winds, fresh or strong; fine at first, some rain later.
1	SCOTLAND EAST	W ^{ly} and SW ^{ly} winds, light; fine generally.
2	ENGLAND N.E.	
3	ENGLAND EAST	NE ^{ly} to N ^{ly} or NW ^{ly} winds, light; fine, warm.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as No. 0
7	ENGLAND N.W.	NW ^{ly} to SW ^{ly} winds, light or moderate; fair generally
8	ENGLAND S.W.	N ^{ly} winds, backing later to the W ^{ly} ; fair generally.
9	IRELAND NORTH	Same as No. 0.
10	IRELAND SOUTH	SW ^{ly} and W ^{ly} winds, moderate or fresh; fine at first, some rain later.
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. In.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall In.	
					In.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	62	54	14.2	0.01
Bath	30.04	63	w 3	8	30.48	+ .28	55	51	- 8	w 2	8	*	-	74	45	13.5	-	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	74	50	c, b	7.3	-	Eastbourne to 6 pm ...	*	*	*	13.2	*
Rhyl to 6 pm ...	*	*	*	7.5	*	Hastings ...	*	*	*	14.3	*
Llandudno ...	*	*	*	8.5	*	Lowestoft, to 6 p.m. ...	63	49	bc, b	12.8	-
Aberystwyth, to 6 p.m. ...	70	54	bc, o	10.5	-	Harrogate, to 6 p.m. ...	74	49	bc, w	9.7	-
Plymouth, to 9 p.m....	64	50	b, bc	12.1	-	Manchester, to 9 p.m. ...	76	51	bc, cp, bc	9.3	-
Worthing ...	*	*	*	13.7	*	Darwen, to 9 p.m. ...	72	47	bc, cp, om	7.1	-
Brighton to 6 pm ...	*	*	*	12.8	*	Birmingham, to 9 p.m. ...	75	49	b, c	11.9	-

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

STATIONS. 22 nd May 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	63	46	bc, bc	Ins.	Tunis	84	54	c, bc	Ins.
Madrid	Not rec ^d				Algiers	72	61	c, o	—
Vienna	72	57	c, o	—	Madeira (Funchal)	Not rec ^d			
St. Petersburg	50	46	o, o	0.28					
Trieste	70	59	b, b	—					
Florence	78	52	b, b	—	21 st May 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome	78	59	b, b	—					
Corsica (I. Sanguinaires)	66	54	m, m	—	Lugano		—		
Naples	76	61	b, b	—	Davos		—		
Palermo	76	51	bc, b	—	Lucerne		—		
Malta	80	62	?, bc	—	Lausanne		—		
						Information 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.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	23 rd May, 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
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.	Yarmouth	3.48	11.49	7.50
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4.0	11.56	7.52
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.32	12.8	8.45
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	4.39	12.37	8.36
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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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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.

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

DAILY WEATHER REPORT

for 8 a.m. on *Monday, 25th May, 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.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)				Max.	Min.		
	Ins.	°				Ins.	Ins.	°	°							°	°		
SCANDINAVIA.	Haparanda ...	30.40	51	N	2	30.53	+0.35	52	46	+11	Z	0	3	0	-	63	39	*	-
	Hernösand ...	30.49	52	Z	0	30.52	+0.15	51	43	+6	E	2	3	0	-	66	41	*	-
	Stockholm ...	30.37	51	N	4	30.32	+0.05	55	50	-6	N	4	3	0	-	63	48	*	-
	Wisby ...	30.29	47	NNE	4	30.23	-0.01	48	43	+5	NE	2	3	0	-	59	43	*	-
	Karlstad ...	30.41	60	NE	2	30.43	+0.11	56	47	+2	NNE	4	3	0	-	*	*	*	-
	Færder (X'iania Fjord) ...	30.38	57	NNW	1	30.43	+0.03	53	49	+2	NNE	2	3	1	-	59	50	*	-
	Bodö ...	30.47	45	SW	4	30.42	+0.10	46	43	-1	E	4	3	2	-	47	41	*	0.04
BRITISH ISLANDS.	Christiansund ...	30.49	51	WSW	2	30.39	-0.04	52	47	+1	Z	0	3	1	-	52	48	*	-
	Skudesnaes ...	30.47	53	NNW	4	30.44	-0.08	54	50	+5	Z	0	3	0	-	59	46	*	-
	Sumburgh Head ...	30.33	51	SSE	2	30.26	-0.13	51	48	+1	W	3	0	4	-	55	45	*	-
	Stornoway ...	30.25	54	WSW	4	30.27	-0.06	50	47	0	WSW	2	0	2	0.0	57	45	2.4	0.06
	Malin Head ...	30.27	55	N	2	30.33	-0.01	54	50	+3	WNW	1	3	1	3.0	67	50	*	-
	Blacksod Pt. ...	30.28	56	WSW	3	30.34	+0.02	53	51	+1	SW	2	3	2	3.0	58	45	*	-
	Valencia ...	30.27	56	WNW	2	30.35	+0.03	52	51	+1	NE	1	0.0	3	3.0	60	44	13.3	-
GERMANY, &c.	Roche's Point ...	30.30	55	SE	3	30.34	+0.01	51	50	-5	NW	2	3.0	0	3.0	58	44	*	-
	Parsonstown ...	30.27	66	S	1	30.36	0.00	55	51	0	W	1	3	0	3.0	69	41	12.0	-
	Donaghadee ...	30.34	58	SW	1	30.34	-0.07	51	49	0	SE	1	3	0	-	59	43	*	-
	Liverpool Obsy. ...	30.34	64	SE	2	30.37	-0.07	56	48	0	SE	2	3	2	3.0	67	44	*	-
	Holyhead ...	30.32	57	NW	2	30.34	-0.05	58	54	0	W	1	3.0	0	3.0	64	51	*	-
	Pembroke (St. Ann's) ...	30.28	60	SE	5	30.33	+0.02	56	51	+2	E	4	3.0	3	-	61	50	12.7	-
	Scilly (St. Mary's) ...	30.23	54	E	5	30.28	+0.01	55	52	+1	E	4	3	4	0.0	56	50	6.0	-
FRANCE.	Jersey (St. Aubins) ...	30.24	62	ENE	4	30.27	-0.03	58	54	-1	ENE	3	3.0	3	3.0	66	52	13.7	-
	Portland Bill ...	30.30	55	E	4	30.31	-0.04	56	53	+4	NE	3	3.0	2	3.0	59	48	*	-
	Dungeness ...	30.33	55	ENE	4	30.31	-0.10	56	53	+4	ENE	6	3.0	3	3.0	58	48	11.5	-
	Wick ...	30.31	54	S	2	30.32	-0.07	53	51	+1	NW	2	0.0	1	-	58	47	*	-
	Nairn ...	30.26	62	W	2	30.29	-0.08	56	50	+1	SW	1	3.0	1	-	65	50	*	-
	Aberdeen ...	30.36	54	S	4	30.34	-0.10	58	52	+6	S	2	3.0	2	0.0	59	44	4.9	-
	Leith ...	30.34	57	NE	1	30.35	-0.08	56	51	-3	Z	0	3.0	0	-	61	40	*	-
GERMANY, &c.	North Shields ...	30.39	52	ESE	3	30.36	-0.10	55	47	0	S	2	3.0	2	-	59	43	*	-
	Spurn Head ...	30.43	50	E	4	30.39	-0.10	55	52	+3	E	3	3.0	2	-	56	43	*	-
	Yarmouth ...	30.41	54	ENE	5	30.35	-0.11	53	49	+2	NE	4	3	3	3.0	55	44	*	-
	Loughborough ...	30.36	55	E	1	30.38	-0.07	50	47	+2	NE	2	3	0	3.0	66	38	*	-
	Oxford ...	30.36	60	E	3	30.35	-0.07	52	48	-2	E	2	3	0	3.0	66	42	11.3	-
	London (Brixton) ...	30.36	60	E	3	30.35	-0.07	52	48	-2	E	2	3	0	3.0	66	42	11.3	-
	The Scaw (Skagen) ...	30.34	55	NNE	1	30.26	+0.01	54	50	+3	ENE	2	3.0	0	-	57	50	*	-
FRANCE.	Fanö ...	30.38	48	NNW	2	30.31	-0.10	57	52	+4	N	3	3	0	-	64	46	*	-
	Cuxhaven ...	30.34	57	NNW	3	30.30	-0.09	56	51	+2	NNW	2	3	0	-	57	52	*	-
	The Helder ...	30.35	52	NE	4	30.32	-0.11	55	51	+2	NE	2	3	1	-	57	50	*	-
	Brussels ...	*	*	*	*	30.28	-0.12	57	53	+5	NNE	1	3	0	-	68	45	*	-
	Berlin ...	30.22	66	NE	3	30.22	-0.03	59	51	-1	N	2	3	0	-	75	50	*	-
	Frankfurt ...	30.22	59	N	2	30.20	-0.08	63	57	+1	N	2	3	0	-	72	55	*	-
	Munich ...	30.25	49	SE	3	30.15	-0.14	57	55	-1	Z	0	3.0	0	-	70	48	*	0.08
FRANCE.	C. Gris Nez ...	30.34	53	E	4	30.28	-0.06	53	51	+3	ENE	4	3	3	-	57	50	*	-
	Brest ...	30.19	76	NE	1	30.20	-0.03	59	58	-1	Z	0	3.0	0	-	81	55	*	-
	Lorient ...	30.18	79	E	2	30.17	-0.04	62	59	+2	ENE	2	3	2	-	88	59	*	-
	Rocheport ...	30.07	82	ENE	3	30.13	0.00	66	64	-1	E	3	0	3	-	93	64	*	-
	Biarritz ...	30.11	64	WSW	3	30.08	-0.07	64	61	+6	Z	0	3	3	-	66	58	*	-
	Paris ...	30.22	71	NE	4	30.20	-0.10	56	50	-1	NNE	2	3	0	-	76	49	*	-
	Belfort ...	30.11	67	ENE	6	30.15	-0.04	55	51	-7	ENE	5	3.0	0	-	77	49	*	-
SPAN. PEN.	Lyons ...	30.07	78	N	2	30.13	-0.04	63	55	-3	N	1	3	0	-	84	59	*	0.24
	Nice ...	30.04	71	Z	0	30.07	-0.03	67	57	-2	Z	0	3	0	-	79	59	*	-
	Perpignan ...	30.03	77	Z	0	30.06	-0.05	72	63	0	Z	0	3.0	0	-	86	54	*	-
	Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lisbon ...	29.94	66	SE	3	29.95	-0.02	69	62	0	NNE	4	3.0	0	-	72	66	*	-
	Azores (P. Delgada) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	„ (Horta) ...	30.23	65	S	4	30.25	+0.09	64	63	0	S	2	0	2	-	68	63	*	0.04

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Watneyan 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, 25th MAY, 1903.

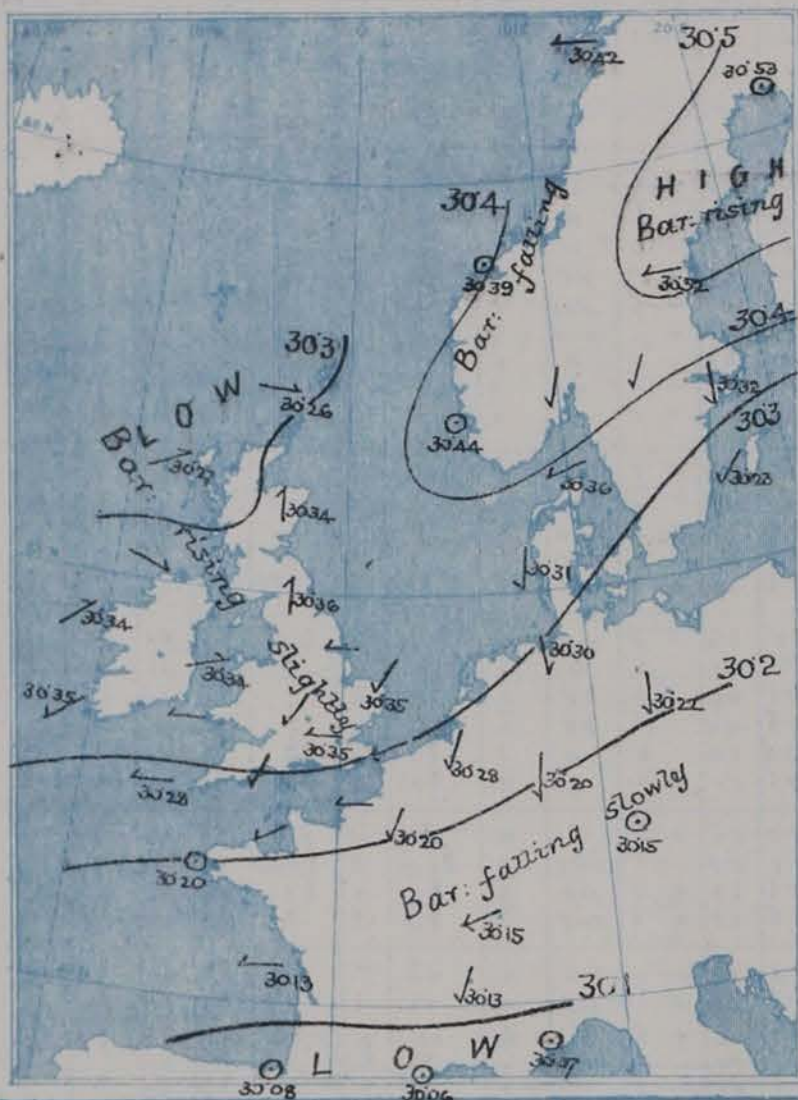
I. BAROMETER, WIND AND SEA. This Morning.

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

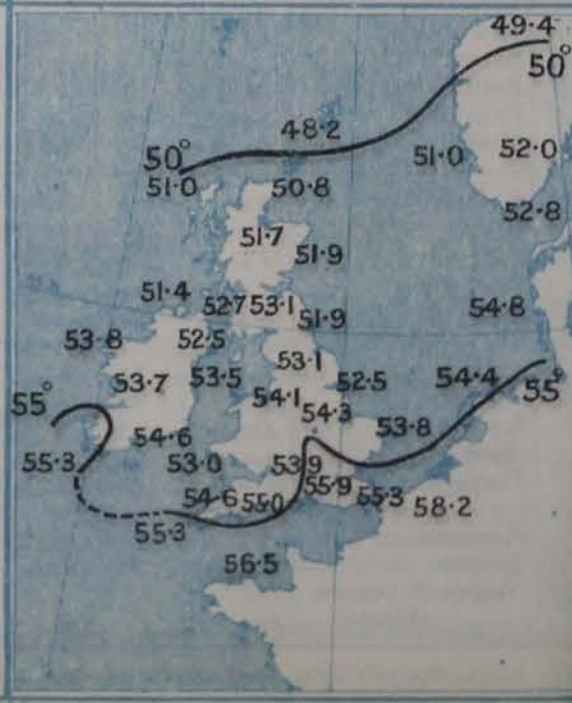
Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone which was travelling over us from the westward yesterday has increased in size and intensity and its centre now lies over the North Sea. The barometer ranges from 30.52 in. at Skudonnes and 30.49 in. at Sprun Head to 30.18 in. at Bodo and to 29.97 in. at Lisbon. Pressure is still increasing generally, but decreasing over our western and southwestern coasts, France, and the Spanish Peninsula. Gradients are slight.

WIND

The wind shows a complete anticyclonic circulation round the baric maximum, being moderate to fresh or strong from E. or N.E. in all the southern regions, S^W, light, in the west, W^W in the west of Norway, and N^W over the Gulf of Bothnia and Denmark.

TEMPERATURE

Temperature has risen in Ireland and Scotland, fallen elsewhere. It ranges from 72° at Perpignan, 69° at Nice and Lisbon, and 67° at Rochefort to 61° at Stockholm, between 58° and 48° over Great Britain, and to 41° at Kaparanda. At Brussels the reading (52°) is 17° lower than it was at 8 am. yesterday.

WEATHER

The weather is very fine in nearly all places, but rain is falling at Hirtsholm, and fog prevails at Biarritz and Comand. The sea is rough in the Minch, moderate in the southwest and at Yarmouth, slight or smooth elsewhere.

AND

SEA

The maximum temperatures registered over England were lower than on Friday, but they were as high as 71° and 70° respectively in London and at Dungeness, and above 60° in many places. At several French stations, and at Frankfurt they exceeded 80°. Some rain was experienced in Scandinavia, at Stornoway, and Lisbon, but over our area as a whole the weather was very fine and light, and the duration of sunshine over England and Ireland unusually great.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 25TH MAY, 1903

DISTRICTS.

FORECASTS.

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

None issued.

DISTRICTS.

FORECASTS.

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

None issued.

WARNINGS

None issued.

Note.—The South Cone, point downwards (∇), 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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	6	*	6	63	46	14.2	-
Bath	30.37	57	SE 2	6	30.40	00	54	49	-1	E 3	6	*	-	67	41	13.0	-	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	57	46	c, b	11.5	-	Eastbourne to 6 pm ...	*	*	*		*
Rhyl to 6 pm ...	*	*	*		*	Hastings ...	*	*	*		*
Llandudno ...	*	*	*	12.2	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	58	51	c, b	11.3	-	Harrogate, to 6 p.m. ...	65	42	c, b, c	12.4	-
Plymouth, to 9 p.m....	64	46	b	13.1	-	Manchester, to 9 p.m. ...	62	47	b, o, bc	10.3	-
Worthing ...	*	*	*	13.4	*	Darwen, to 9 p.m. ...	58	41	bm, c, b, bw	11.4	-
Brighton to 6 pm ...	*	*	*		*	Birmingham, to 9 p.m. ...	66	45	b	11.0	-

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

STATIONS. 23 rd May 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	63	50	b, bc	Ins.	Tunis	82	54	o, bc	Ins.
Madrid	Not rec ^d				Algiers	72	63	o, o	-
Vienna	68	55	b, b	-	Madeira (Funchal)	66	54	b, c	-
St. Petersburg	64	48	bc, b	-					
Trieste	73	43	b, b	-					
Florence	83	55	b, b	-	22 nd May 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome	77	51	b, b	-	Lugano	79	—	b	-
Corsica (I. Sanguinaires) ...	75	50	m, m	-	Davos	63	—	b	-
Naples	77	63	b, b	-	Lucerne	73	—	b	-
Palermo	Not rec ^d				Lausanne	73	—	b	-
Malta	72	59	?, m	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES, OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	^A 22. May., 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡	Yarmouth	3.47	11.50	7.52
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	3.59	11.57	7.54
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	3.30	12.9	8.47
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	4.38	12.38	8.38
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 { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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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.

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

DAILY WEATHER REPORT

for 8 a.m. on

Tuesday, 26th May,

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.	BAROMETR.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			°	Ins.	°
SCANDINAVIA.	Haparanda ...	30.38	49	X	0	8c	30.26	- .27	48	42	- 4	SSW	2	0	*	-	61	37	*	-	
	Hernösand ...	30.39	48	Z	0	8	30.39	- .13	56	48	+ 5	Z	0	8	*	-	64	41	*	-	
	Stockholm ...	30.28	54	NNE	2	7	30.31	- .01	59	54	+ 4	NW	2	8	*	-	66	46	*	-	
	Wisby ...	30.21	45	NNE	2	7	30.24	+ .01	44	41	- 4	N	2	f	*	-	48	41	*	0.20	
	Karlstad ...	30.32	63	Z	0	8	30.36	- .07	59	49	+ 3	NE	2	8	*	-	*	*	*	-	
	Færder (X'ania Fjord)	30.32	58	NW	1	8c	30.38	- .05	55	50	+ 2	N	2	8	1	-	61	52	*	-	
	Bodö ...	30.23	50	SSE	2	8	30.38	- .04	46	46	0	W	2	0	2	-	50	45	*	-	
	Christiansund ...	30.37	50	WSW	2	0	30.49	+ .10	49	47	- 3	W	3	0	3	-	52	48	*	-	
	Skudesnaes ...	30.43	54	NNW	2	C	30.44	0.00	52	50	- 2	NNW	4	8	1	8c	59	46	*	-	
	Sumburgh Head	30.35	50	WSW	2	0	30.46	+ .20	50	49	- 1	Z	0	0	3	0	53	46	*	-	
BRITISH ISLANDS.	Stornoway ...	30.35	54	SSW	3	7	30.44	+ .17	48	47	- 2	Z	0	0	0	0,7	56	44	0.1	-	
	Malin Head ...	30.40	59	NE	1	8	30.45	+ .12	51	51	- 3	NE	1	f	1	8	60	50	*	-	
	Blacksod Pt. ...	30.38	56	WNW	3	C	30.42	+ .08	58	56	+ 5	Z	0	8	1	8c, 8	59	47	*	-	
	Valencia ...	30.33	59	NNW	4	8m	30.37	+ .02	62	57	+ 10	E	1	8m	3	8, 8m	63	51	12.1	-	
	Roche's Point ...	30.34	59	S	1	8	30.36	+ .02	57	54	+ 6	NE	2	8	0	8	60	49	*	-	
	Parsonstown ...	30.34	70	NW	1	8	30.42	+ .06	59	52	+ 4	NW	1	8	*	8	71	44	13.0	-	
	Donaghadee ...	30.37	55	NNE	2	8	30.44	+ .10	52	51	+ 1	NNE	2	8	1	-	61	49	*	-	
	Liverpool Obsy. ...	30.34	56	X	0	8	30.41	+ .04	57	50	+ 1	SSE	1	8	2	8m, 8	69	48	*	-	
	Holyhead ...	30.35	55	N	1	8	30.37	+ .03	57	53	- 1	N	1	8m	1	8	65	49	*	-	
	Pembroke (St. Ann's)	30.30	60	NE	4	8	30.32	- .01	56	52	0	NE	4	8	3	8	64	50	13.2	-	
GERMANY, &c.	Scilly (St. Mary's)...	30.29	58	N	4	8	30.25	- .03	55	52	0	ENE	4	8m	3	8	62	52	13.5	-	
	Jersey (St. Aubins)...	30.22	63	NE	4	8c	30.21	- .06	56	53	- 2	NE	5	8c	4	8c	68	51	13.0	-	
	Portland Bill ...	30.28	59	SW	1	8	30.28	- .03	55	47	- 1	NE	4	8	3	8	62	48	*	-	
	Dungeness ...	30.26	57	WNW	4	8	30.26	- .05	56	54	0	NE	5	8	2	8	61	49	14.4	-	
	Wick ...	30.39	53	NW	2	8c	30.47	+ .15	53	50	0	NW	1	8	1	8c, f	58	39	*	0.01	
	Nairn ...	30.32	59	W	1	8	30.44	+ .15	54	51	- 2	Z	0	8	1	-	71	39	*	-	
	Aberdeen ...	30.38	50	ESE	2	8	30.47	+ .13	55	50	- 3	ESE	3	8m	1	8c, 8	64	39	9.9	-	
	Leith ...	30.34	56	X	0	8	30.46	+ .11	56	52	0	NE	1	8	*	-	69	43	*	-	
	North Shields ...	30.35	53	SSE	3	8c	30.46	+ .10	56	49	+ 1	ENE	1	8m	2	8, 8c	60	41	*	-	
	Spurn Head ...	30.36	53	ENE	3	8	30.38	- .01	54	51	- 1	NE	4	8v	2	-	57	45	*	-	
FRANCE.	Yarmouth ...	30.33	56	NNE	4	8	30.31	- .04	54	50	+ 1	NE	5	8c	4	8	57	47	*	-	
	Loughborough ...	30.33	58	NE	3	8	30.35	- .03	55	49	+ 5	NE	3	8	*	8c	70	42	*	-	
	Oxford ...	30.28	65	NE	3	8	30.30	- .05	57	51	+ 5	NNE	1	8	*	8	72	48	13.5	-	
	The Scaw (Skagen)	30.30	55	NNE	2	8c	30.33	- .03	55	51	+ 1	NE	2	8	0	-	59	52	*	-	
	Fanö ...	30.31	55	N	2	8	30.30	- .01	58	52	+ 1	NNE	1	8	*	-	72	46	*	-	
	Cuxhaven ...	30.23	59	NW	2	8	30.25	- .05	58	53	+ 2	N	2	8	*	-	61	54	*	-	
	The Helder ...	30.27	54	NNE	2	8	30.27	- .05	57	53	+ 2	NE	3	8	2	-	61	52	*	-	
	Brussels ...	*	*	*	*	*	30.23	- .05	52	51	- 5	NNE	1	0	*	-	73	48	*	-	
	Berlin ...	30.15	61	NW	2	8	30.15	- .07	55	53	- 4	N	3	8	*	-	72	52	*	0.04	
	Frankfurt ...	30.12	64	N	3	8	30.14	- .06	61	55	- 2	NE	2	C	*	-	75	55	*	-	
SPAN. PEN.	Munich ...	30.19	59	NW	4	8c	30.17	+ .02	53	?	- 4	NW	4	8	*	-	70	48	*	-	
	C. Gris Nez ...	30.26	53	NE	4	8	30.22	- .06	52	51	- 1	NE	4	0	4	*	59	48	*	-	
	Brest ...	30.19	63	NE	4	C	30.17	- .03	54	50	- 5	NE	4	8	2	-	75	50	*	-	
	Lorient ...	30.15	66	NE	3	C	30.12	- .05	55	54	- 7	NE	4	0	2	-	75	54	*	-	
	Rochefort ...	30.04	75	ENE	3	0	30.07	- .06	63	60	- 3	ENE	3	0	0	0	86	59	*	-	
	Biarritz ...	30.03	67	SW	2	8c	30.00	- .08	63	63	- 1	W	3	8c	2	-	73	59	*	-	
	Paris ...	30.14	73	NE	2	8c	30.14	- .06	59	54	+ 3	NE	3	8	*	-	76	54	*	-	
	Belfort ...	30.04	68	ENE	5	m	30.04	- .11	58	54	+ 3	ENE	5	m	*	-	77	51	*	-	
	Lyons ...	30.02	74	N	2	C	29.99	- .14	63	55	0	NW	2	8c	*	-	80	59	*	-	
	Nice ...	29.98	65	SSE	1	8c	29.95	- .12	62	60	- 5	ENE	1	C	1	-	77	57	*	-	
Perpignan ...	29.99	77	Z	0	8c	29.93	- .13	72	64	0	WSW	1	8	*	-	82	59	*	-		
SPAN. PEN.	Corunna ...													*	-			*	-		
	Lisbon ...													*	-			*	-		
SPAN. PEN.	Azores (P. Delgada)	30.28	62	NNE	2	8c	30.25	+ .03	62	59	0	NE	4	C	2	-	66	59	*	-	
	" (Horta) ...	30.28	66	Z	0	C	30.28	+ .03	65	64	+ 1	Z	0	0	7	-	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 TUESDAY, 26TH MAY, 1903.

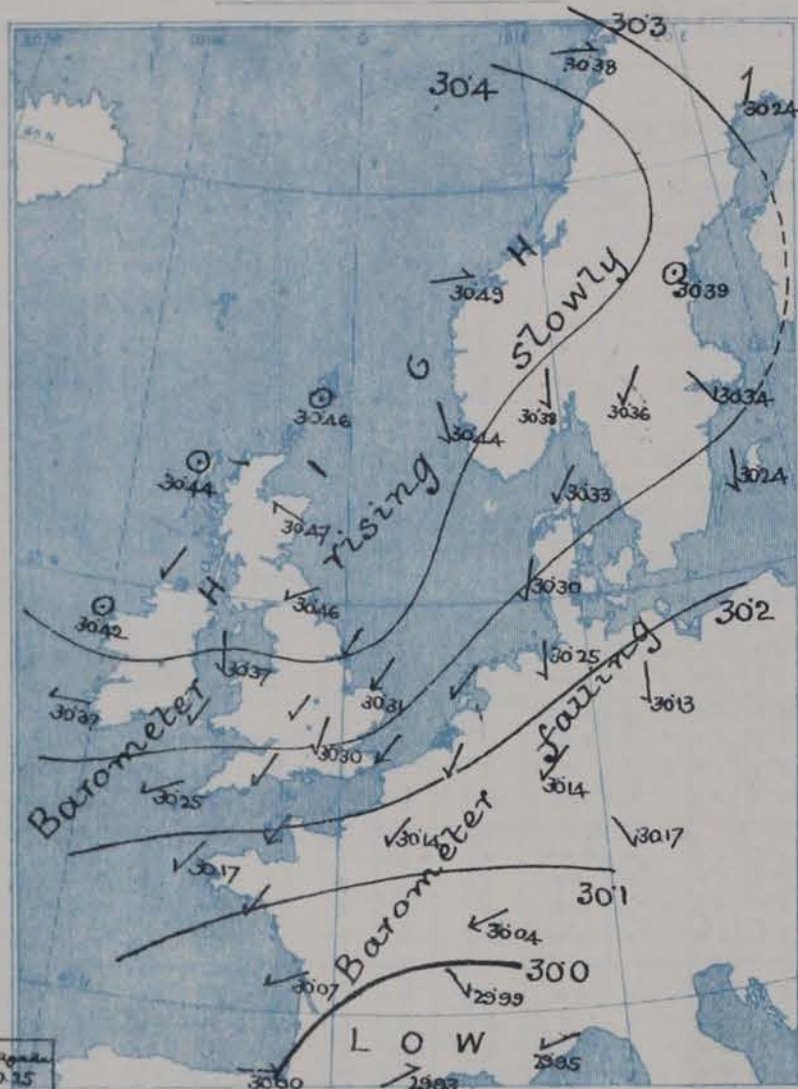
I. BAROMETER, WIND AND SEA. This Morning.

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

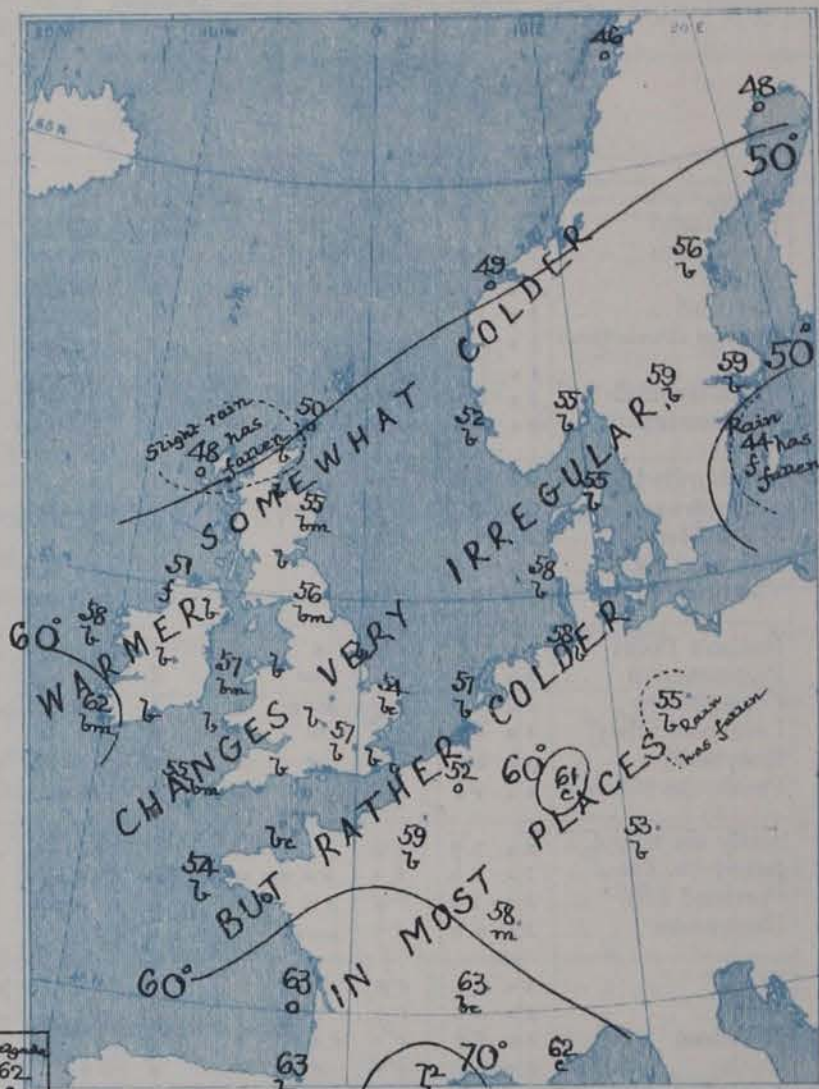


II. TEMPERATURE AND WEATHER. This Morning.

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

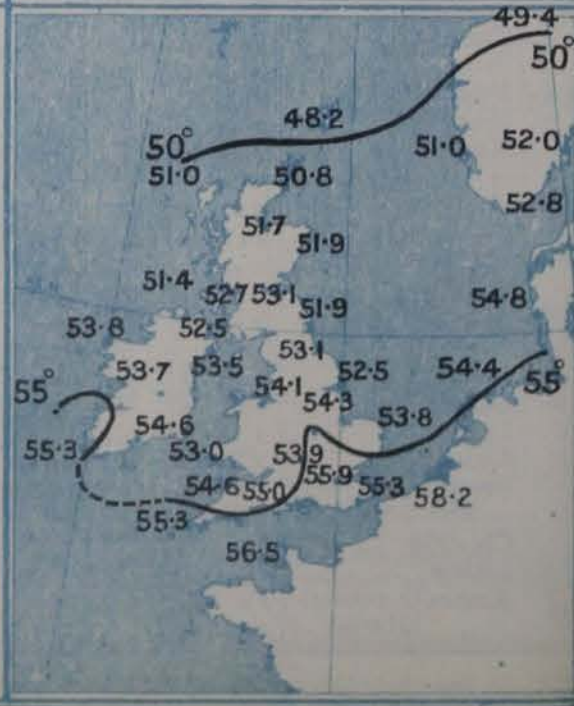
Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

An anticyclone still covers the whole of northwestern Europe, the highest pressures, 30.5 ins. and upwards, being reported over the Gulf of Bothnia. The lowest readings, 30.1 ins. and less, are found over the south of France, but the barometer is somewhat low, 30.3 ins. and less, over the Shetlands, the northwest of Scotland and the adjacent parts of the Atlantic. The changes in pressure now in progress are slight, but the mercury is rising a little in most parts of the United Kingdom, while it is falling in the western parts of the continent.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to moderate from the N^W over Denmark, Germany and the south of Sweden and from the NE^W or E^W over England and France. In Ireland it is very variable, while in the north of Scotland it is light from between S and W; calms are reported in the west of Norway. Temperature has changed very irregularly, but in our Islands the tendency appears to be in favour of a further increase. Over central England the morning readings are slightly below the average but in other parts of the United Kingdom they are above it, the highest values, 55° to 58°, being reported in the east of Scotland and on the shores of the English and St. George's Channels. In the west and south of France and some parts of western Germany, the thermometer is above 60°, the highest readings being 72° at Perpignan and 67° at Nice. The weather remains fine over western Europe generally, but is dull in the north of Scotland, with distant thunder at Wick; rain is falling at Bodo. The sea is slight or smooth generally.

During yesterday the thermometers rose to 65° and upwards in many parts of the United Kingdom and to 69° at Parsonstown. Over the inland parts of England, however, the night readings were low, the thermometers on the grass falling to 33° at Oxford and 34° in London. The amount of bright sunshine was small in Scotland, but large in England and Ireland, more than 12 hours being recorded at many of the coast stations, and as many as 14.2 hours at Worthing. No rain fell in these Islands at any station excepting Stornoway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any material change. The anticyclone over northwestern Europe has moved north-eastwards since yesterday, but the indications seem to show that it will shortly be re-inforced by a new system arriving from the Atlantic. Fine dry weather is therefore likely to continue over the United Kingdom.

FORECASTS *

For the 24 hours ending at NOON on 26th May.

1903

DISTRICTS.



FORECASTS.

0	{ SCOTLAND NORTH	SW ^W winds, light; fair generally.
1	{ SCOTLAND EAST	Light breezes, chiefly SW ^W ; fine, warm.
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	NE ^W winds, light or moderate; fine generally.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as Nos. 1 and 2.
7	{ ENGLAND N.W.	Light variable airs; fine, warm.
8	{ ENGLAND S.W.	E ^W to NE ^W winds, moderate; fine generally.
9	{ IRELAND NORTH	Same as No. 7.
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. Inch.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Inch.	
					Inch.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	7	"	7	56	42	13.3	-	
Bath	30.30	67	E 2	7	30.35	-.05	53	47	- 1	SE 1	7	"	-	68	40	13.0	-	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	69	42	3	13.6	-	Eastbourne to 6 pm ...	60	40	3	10.5	-
Rhyl to 6 pm ...	68	42	3	12.5	0	Hastings ...	60	40	3	12.4	0
Llandudno ...	68	42	3	13.8	0	Lowestoft, to 6 p.m. ...	60	40	3	12.5	-
Aberystwyth, to 6 p.m. ...	73	60	3	12.8	-	Harrogate, to 6 p.m. ...	62	38	3, w	12.5	-
Plymouth, to 9 p.m....	68	42	3	14.2	0	Manchester, to 9 p.m. ...	69	44	3	12.1	-
Worthing ...	68	42	3	13.8	0	Darwen, to 7 p.m. ...	65	43	0, 3, w	13.3	-
Brighton ...	68	42	3	13.8	0	Birmingham, to 9 p.m. ...	66	43	3	14.0	-

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

STATIONS. 24 th May. 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	Information	not received		Ins.	Tunis	23 rd May. 1903.	1 p.m.	1 p.m.	Measured 7 a.m.
Madrid					Algiers				
Vienna					Madeira (Funchal)				
St. Petersburg									
Trieste									
Florence									
Rome									
Corsica (I. Sanguinaires) ...					Lugano				
Naples					Davos				
Palermo					Lucerne				
Malta					Lausanne				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	25 th May, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. ‡ (W.E.T.)	6 p.m. ‡	Yarmouth	3.46	11.50	7.54
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.	Greenwich	3.58	11.57	7.56
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.29	12.9	8.49
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	4.37	12.38	8.39
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 27th May, 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.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 82° Fabr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.			
																				Ins.
SCANDINAVIA.	Haparanda	30.39	50	N	2	8	30.48	+0.22	51	44	+3	WSW	2	8c	*	-	61	45	*	-
	Hernösand	30.48	56	Z	0	8	30.57	+0.18	54	45	-2	Z	0	8	*	-	66	37	*	-
	Stockholm	30.41	57	N	2	c	30.45	+0.14	60	52	+1	NNE	4	8	*	-	70	46	*	-
	Wisby	30.32	47	Z	0	8c	30.34	+0.10	47	44	+3	NE	2	8	*	-	57	41	*	-
	Karlstad	30.38	65	Z	0	8	30.51	+0.15	60	52	+1	ENE	2	8	*	-	*	*	*	-
	Færder (X'ania Fjord)	30.38	67	Z	0	8	30.49	+0.11	56	53	+1	NE	2	8	1	-	68	54	*	-
	Bodö	30.50	46	WNW	2	8	30.45	+0.07	48	45	+2	SSW	2	0	1	-	48	45	*	-
	Christiansund	30.47	52	SW	1	8	30.47	-0.02	55	50	+6	SW	1	8	1	-	55	48	*	-
	Skudesnaes	30.42	51	NNW	6	8	30.45	+0.01	55	52	+3	Z	0	8	0	m, 8	61	45	*	*
	Sumburgh Head	30.45	54	Z	0	8c	30.42	-0.04	52	50	+2	SSE	2	c	2	c, 8c	56	43	*	-
BRITISH ISLANDS.	Stornoway	30.42	56	E	2	8c	30.37	-0.07	47	46	-1	Z	0	of	0	8, 8c	60	41	7.6	-
	Malin Head	30.42	50	NE	1	m	30.38	-0.07	52	51	+1	E	2	8w	1	f	54	48	*	-
	Blacksod Pt.	30.36	64	N	2	8	30.34	-0.08	60	53	+2	SE	1	8m	1	8	65	49	*	-
	Valencia	30.30	61	SW	1	8m	30.26	-0.11	62	54	0	ENE	1	8m	3	8m	72	46	14.0	-
	Roche's Point	30.29	63	E	2	8	30.27	-0.09	62	52	+5	E	3	8	1	8	65	50	*	-
	Parsonstown	30.32	69	NE	1	8	30.32	-0.10	59	51	0	E	2	8	*	8	73	47	12.4	-
	Donaghadee	30.39	58	NNE	1	8	30.39	-0.05	56	51	+4	E	1	8	0	-	60	46	*	-
	Liverpool Obsy.	30.34	66	E	3	8	30.34	-0.07	57	52	0	Z	0	8	?	8	68	48	*	-
	Holyhead	30.33	58	ENE	2	8cm	30.34	-0.07	57	52	0	ENE	3	8m	2	m, 8cm	65	49	*	-
	Pembroke (St. Ann's)	30.23	62	NNE	4	8	30.23	-0.09	59	54	+3	NE	2	8m	1	-	68	52	12.6	-
GERMANY. &c.	Scilly (St. Mary's)	30.21	58	NNE	4	c	30.09	-0.16	55	51	0	NE	5	8	3	8c, c	61	51	13.3	-
	Jersey (St. Aubins)	30.11	64	NE	5	8cm	30.07	-0.14	57	54	+1	NE	5	8cm	4	8, 8cm	67	52	11.6	-
	Portland Bill	30.19	62	ENE	2	c	30.14	-0.14	57	52	+2	NE	5	8	3	c	70	47	*	-
	Dungeness	30.19	59	NE	6	8	30.12	-0.14	58	55	+2	ENE	6	8c	4	8	63	51	11.8	-
	Wick	30.45	53	S	1	8	30.40	-0.07	50	47	-3	S	2	8c	1	-	59	40	*	-
	Nairn	30.39	55	E	2	8	30.38	-0.06	55	53	+1	E	1	8c	1	-	65	39	*	-
	Aberdeen	30.45	54	SE	3	8	30.44	-0.03	57	51	+2	SSE	4	8	1	8	62	47	14.0	-
	Leith	30.42	54	NE	1	8	30.43	-0.03	57	53	+1	NE	1	8	*	-	62	46	*	-
	North Shields	30.43	55	NE	2	8	30.41	-0.05	49	47	-7	NNE	2	0	2	8	58	45	*	-
	Spurn Head	30.33	53	N	5	8	30.33	-0.05	54	52	0	N	5	8v	3	-	59	43	*	-
FRANCE.	Yarmouth	30.28	56	NNE	5	8c	30.24	-0.07	54	52	0	ENE	5	c	4	8c	57	49	*	-
	Loughborough														*					
	Oxford	30.30	54	NE	3	8	30.25	-0.10	53	50	-2	NE	4	0	*	8	68	44	*	-
	London (Brixton)	30.24	65	ENE	5	8	30.19	-0.11	58	53	+1	ENE	4	8c	*	8c, 8, 0	71	43	11.5	-
	The Scaw (Skagen)	30.36	59	NNE	1	8c	30.43	+0.10	59	56	+4	E	1	8	0	-	63	54	*	-
	Fanö	30.34	56	Z	0	8	30.35	+0.05	63	59	+5	ENE	6	8	*	-	72	54	*	-
	Cuxhaven	30.24	63	E	2	8	30.26	+0.01	58	56	0	ENE	2	0	*	-	64	57	*	-
	The Helder	30.21	57	NE	3	8	30.21	-0.06	57	55	0	ENE	3	8c	3	-	61	54	*	-
	Brussels	*	*	*	*	*	30.13	-0.10	57	54	+5	NE	2	0	*	-	73	50	*	-
	Berlin	30.15	59	NNE	4	8	30.18	+0.03	54	53	-1	NE	2	7	*	-	66	50	*	0.04
SPAN. PEN.	Frankfurt	30.06	59	N	3	8c	30.04	-0.10	60	54	-1	NE	2	c	*	-	75	50	*	-
	Munich	30.10	53	W	3	c	30.04	-0.13	53	50	0	E	6	c	*	-	64	45	*	0.08
	C. Gris Nez	30.16	54	NE	2	8	30.11	-0.11	55	54	+3	ENE	4	8c	4	-	57	52	*	-
	Brest	30.06	64	NE	4	8	29.99	-0.18	54	52	0	NE	4	8	3	-	68	52	*	-
	Lorient	29.99	66	NE	6	8c	29.94	-0.18	57	54	+2	NE	4	8c	2	-	70	54	*	-
	Rochefort	29.87	75	ENE	4	0	29.81	-0.26	64	60	+1	ENE	4	0	*	c, 0	84	59	*	-
	Biarritz	29.88	63	WSW	3	m	29.78	-0.22	63	62	0	WSW	1	2	1	-	68	61	*	-
	Paris	30.02	71	NE	4	8	30.00	-0.14	60	55	+1	NE	3	8	*	-	76	55	*	-
	Belfort	29.91	67	NE	5	m	29.88	-0.16	56	51	-2	ENE	7	m	*	-	73	51	*	-
	Lyons	29.84	73	NNW	2	8c	29.85	-0.14	59	55	-4	NNW	2	8	*	-	81	55	*	-
Nice	29.85	64	Z	0	c	29.81	-0.14	64	56	+2	E	4	c	*	-	75	59	*	-	
Perpignan	29.82	70	Z	0	0	29.78	-0.15	68	63	-4	E	3	0	*	-	84	61	*	-	
SPAN. PEN.	Corunna																		*	
	Lisbon																		*	
SPAN. PEN.	Azores (P. Delgada)																		*	
	„ (Horta)	30.30	66	NE	2	8	30.26	-0.02	66	61	+1	NE	4	8	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 WEDNESDAY, 27TH MAY, 1903.

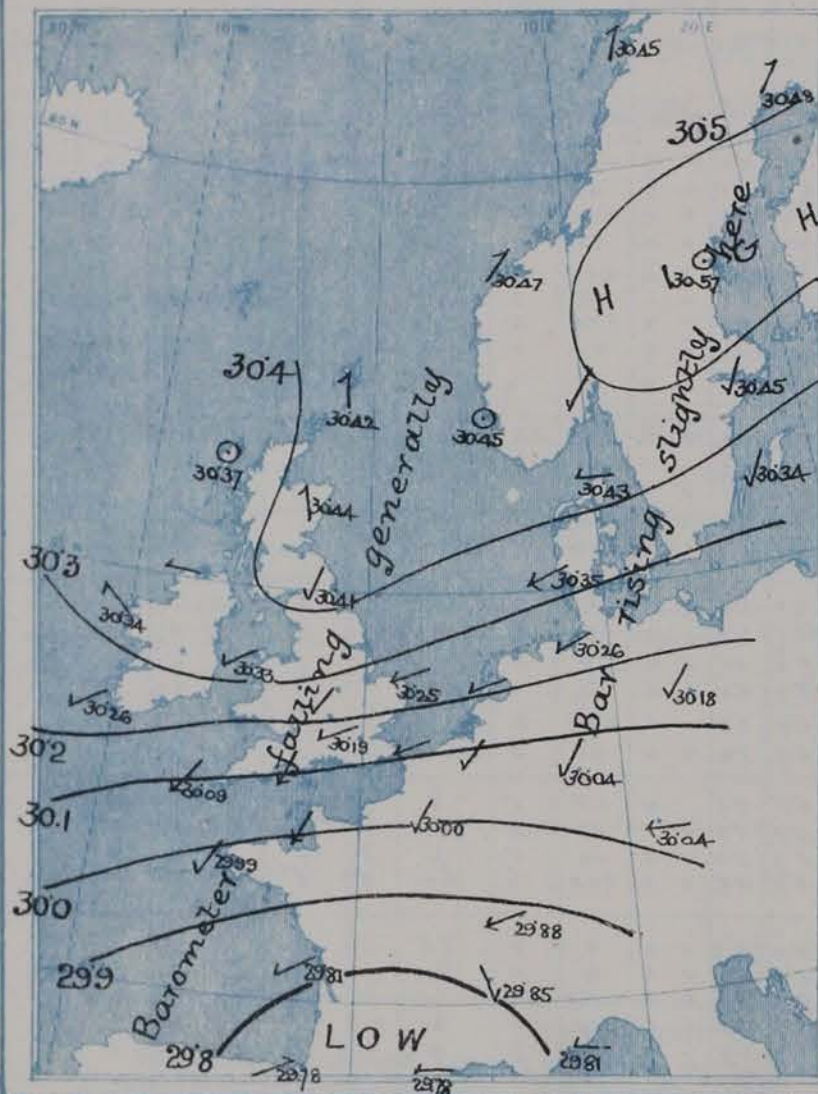
I. BAROMETER, WIND AND SEA. This Morning.

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

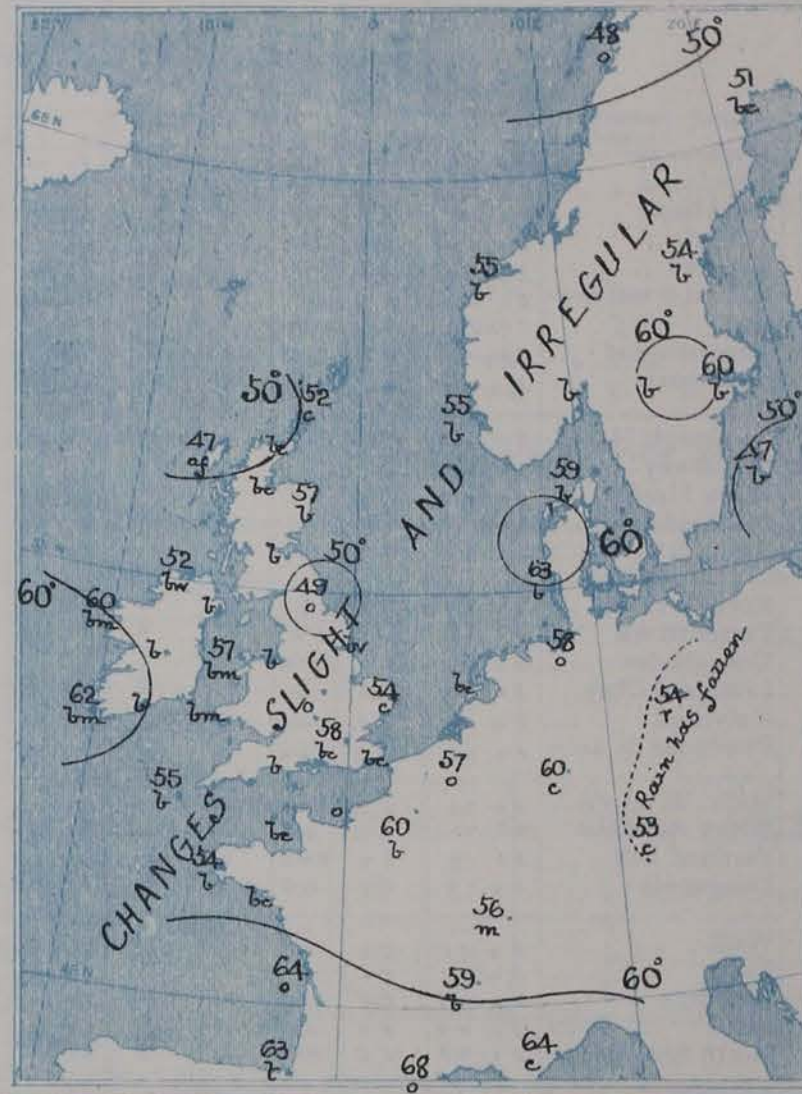


II. TEMPERATURE AND WEATHER. This Morning.

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

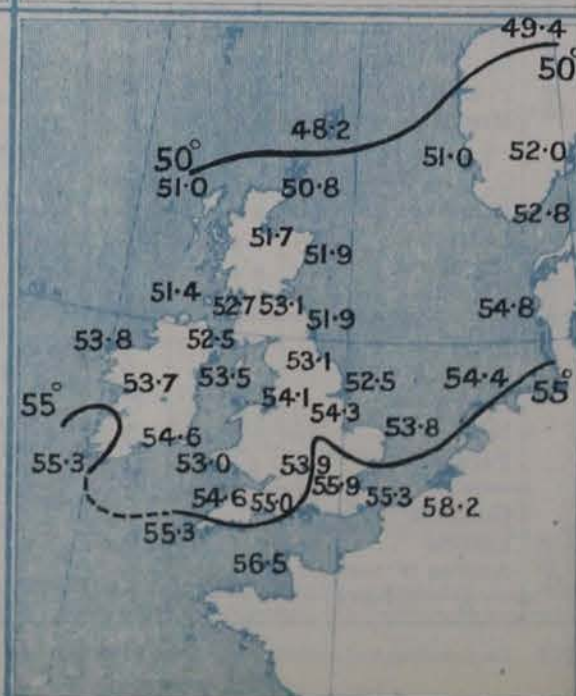
Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The weather over northwestern Europe remains under the influence of a large anticyclonic system, the highest barometric pressures, 30.4 ins. and upwards, being at present reported over Norway and the northern parts of our Islands and the North Sea. The lowest pressures, 30.0 ins. and less, are found over the south of France, in which country the barometer is falling slowly. In nearly all other parts of northwestern Europe a gradual rise is in progress. Gradients are at present slight generally.

WIND

The wind is light from the N.W. in Denmark, Germany and the south of Scandinavia but is N.E. over the greater part of the United Kingdom, France and the Netherlands, and fresh in force on the east and southeast coasts of England. In the west of Norway and also in the south of France it is light from the W. or W.S.W.

TEMPERATURE

Temperature has again changed very irregularly, the general tendency being, however, in favour of a slight decrease, excepting in Ireland, where the thermometer has risen. Over the greater part of the United Kingdom the morning readings are above 55° and are in excess of the average, the highest values reported being 62° at Valencia and 59° at Parsonstown. Over the southern parts of France the thermometer is above 60°, and at Perpignan it stands at 72°.

WEATHER

AND

SEA

Fine weather continues to prevail over western Europe generally, but in the Shetlands, the Hebrides and the west of Norway the sky is overcast. The sea is slight or smooth on nearly all coasts.

During yesterday the thermometer rose to between 65° and 70° over a considerable portion of the United Kingdom, to 71° at Traill and Parsonstown and to 72° in London; on the east coasts of England, however, and in the north of Scotland it did not reach 60°. Over England, Wales and Ireland the amount of bright sunshine was again very large, - more than 13 hours in many places and more than 14 hours at several of our south coast stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any change in the weather, but as the barometer continues to rise in the more central parts of the anticyclone while it is falling in France, the tendency is for some increase in the gradients over our eastern and southern districts with a consequent increase in the strength of the winds.

FORECASTS *

For the 24 hours ending at NOON on 27th May 1903

DISTRICTS.



FORECASTS.

0	{ SCOTLAND NORTH	Variable or light N.E. winds; fair generally.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	N.E. winds, moderate inland, fresh or strong on coast; fine generally.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as Nos. 0 and 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	N.E. winds, moderate or fresh; fine generally.
9	{ IRELAND NORTH	Same as No. 7.
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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	z	58	45	12.5	-
Bath	30.29	68	NE 1	z	30.33	-.02	56	49	+ 3	NE 3	z	*	-	70	40	14.3	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	69	44	3	12.5	-	Eastbourne to 6 pm ...	6	0	*	13.5	*
Rhyl to 6 pm ...	*	*	*	12.5	*	Hastings ...	*	*	*	14.6	0
Llandudno ...	*	*	*	13.5	*	Lowestoft, to 6 p.m. ...	53	46	3	14.0	-
Aberystwyth, to 6 p.m. ...	63	55	3	13.0	-	Harrogate, to 6 p.m. ...	67	35	w, 3	12.3	-
Plymouth, to 9 p.m....	68	51	3	13.6	-	Manchester, to 9 p.m. ...	70	42	m, 3	10.3	-
Worthing ...	*	*	*	14.2	*	Darwen, to 9 p.m. ...	67	45	3 m w	11.5	-
Brighton to 6 pm ...	*	*	*	13.3	*	Birmingham, to 9 p.m. ...	66	42	3, c, 0	12.2	-

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

STATIONS. 25 th May 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht	64	43	bc, bc	Ins.	Tunis	82	57	bc, bc	Ins.
Madrid	75	55	o, o	—	Algiers	77	63	o, c	—
Vienna	68	54	bc, o	o o 4	Madeira (Funchal)	Not rec ^d			
St. Petersburg	73	50	o, o	o o 4					
Trieste	75	57	bc, bc	o 12					
Florence	79	59	bc, bc	—	24 th May 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome	80	59	bc, c	—					
Corsica (I. Sanguinaires) ...	70	59	m, m	—					
Naples	79	61	bc, bc	o o 4	Lugano				
Palermo	84	53	bc, bc	—	Davos				
Malta	78	67	bc, bc	—	Lucerne				
					Lausanne				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	25 th May, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
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.	Yarmouth	3.45	11.50	7.56
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	3.57	11.57	7.57
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.28	12.9	8.51
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	4.36	12.38	8.40
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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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

Thursday, 28th May,

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.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.			
																					Ins.
SCANDINAVIA.	Haparanda ...	30.34	40	SW	2	8	30.21	-27	54	48	+3	SW	2	8	*	-	52	39	*	-	
	Hernösand ...	30.46	51	Z	0	8	30.41	-16	56	49	+2	S	2	8	*	-	68	48	*	-	
	Stockholm ...	30.43	55	Z	0	8	30.40	-05	61	55	+1	NE	2	8	*	-	68	48	*	-	
	Wisby ...	30.38	51	NE	2	8	30.29	-05	58	54	+11	NE	2	8	*	-	58	45	*	-	
	Karlstad ...	30.39	65	Z	0	8	30.40	-11	60	51	0	ENE	2	8	*	-	*	*	*	-	
	Færder (X'ania Fjord) ...	30.37	64	WSW	1	8	30.35	-14	59	54	+3	SE	2	8	1	-	68	55	*	-	
	Bodö ...	30.33	49	SW	2	8	30.35	-10	45	44	-3	SW	5	0	3	-	50	45	*	0.12	
	Christiansund ...	30.44	53	NW	3	m	30.38	-09	52	49	-3	NE	2	m	2	-	59	45	*	-	
	Skudesnaes ...	30.42	63	NNW	2	m	30.30	-15	60	55	+5	Z	0	8	0	8,m	68	52	*	*	
	Sumburgh Head ...	30.37	50	SE	2	8	30.28	-14	47	46	-5	NE	2	8	3	8	56	?	*	-	
BRITISH ISLANDS.	Stornoway ...	30.34	54	ESE	1	f	30.24	-13	46	45	-1	Z	0	f	0	f	58	41	7.0	-	
	Malin Head ...	30.29	57	E	2	8m	30.19	-19	57	53	+5	E	2	8	2	8,8m	61	50	*	-	
	Blacksod Pt. ...	30.25	62	NE	4	8m	30.14	-20	61	55	+1	NNW	1	8m	2	8m	71	50	*	-	
	Valencia ...	30.17	69	SE	2	8m	30.05	-21	62	56	0	Z	0	8m	3	8m	72	48	14.0	-	
	Roche's Point ...	30.18	70	E	2	8	30.05	-22	60	56	-2	N	3	c	2	c,8	70	52	*	-	
	Parsonstown ...	30.22	68	NE	1	8	30.10	-22	61	55	+2	NE	1	8	*	8	71	50	13.0	-	
	Donaghadee ...	30.28	66	N	2	8	30.17	-22	53	52	-3	N	3	c	3	-	66	49	*	-	
	Liverpool Obsy. ...	30.19	66	E	3	8	30.03	-31	64	57	+7	ENE	2	8	2	8m,8	70	50	*	-	
	Holyhead ...	30.21	57	NE	2	8	30.07	-26	59	55	+2	ENE	3	8	2	8	60	51	*	-	
	Pembroke (St. Ann's) ...	30.12	60	Z	0	c	29.97	-26	58	57	-1	NE	6	c9	3	-	69	54	10.9	-	
GERMANY, &c.	Scilly (St. Mary's) ...	30.06	60	NNE	3	c	29.92	-17	54	51	-1	NE	4	c	5	8c,c	60	51	13.1	-	
	Jersey (St. Aubins) ...	29.95	63	NE	6	8cm	29.84	-23	58	56	+1	NE	5	cm	4	8c,8cm	68	55	10.5	-	
	Portland Bill ...	30.03	61	E	3	8c	29.91	-23	57	54	0	NE	4	c	3	8c	68	53	*	-	
	Dungeness ...	30.01	60	NE	6	8c	29.96	-16	56	50	-2	NE	4	cm	2	8c	62	54	11.0	-	
	Wick ...	30.36	55	S	2	8c	30.25	-15	46	44	-4	S	2	f	2	-	58	44	*	-	
	Nairn ...	30.28	59	NE	2	8	30.23	-18	49	48	-6	Z	0	m	0	-	63	44	*	0.01	
	Aberdeen ...	30.38	47	SE	3	8	30.26	-18	52	50	-5	E	3	8	2	8,f	61	40	10.2	-	
	Leith ...	30.34	48	NE	2	f	30.23	-20	54	50	-3	NE	1	8	*	-	60	44	*	-	
	North Shields ...	30.32	48	NNE	2	0	30.16	-25	48	47	-1	N	3	cm	2	of	50	44	*	-	
	Spurn Head ...	30.20	52	NNE	5	8	30.04	-29	55	52	+1	NE	4	8c	3	-	56	49	*	-	
FRANCE.	Yarmouth ...	30.12	58	NE	5	8	29.97	-27	55	53	+1	ENE	5	8	4	8	58	51	*	-	
	Loughborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Oxford ...	30.12	56	NE	3	8	29.96	-29	56	54	+3	NE	3	0	*	8p,c	67	52	*	0.02	
	London (Brixton) ...	30.07	66	ENE	4	8c	29.92	-27	61	57	+3	NE	3	0	*	8c,8,0	71	56	10.2	-	
	The Scaw (Skagen) ...	30.35	63	ESE	2	8c	30.31	-12	58	54	-1	E	2	8	0	-	64	55	*	-	
	Fanö ...	30.29	57	ENE	2	8	30.20	-15	59	54	-4	NE	4	8	*	-	72	54	*	-	
	Cuxhaven ...	30.19	64	E	4	8	30.11	-15	54	52	-4	E	4	c	*	-	66	52	*	-	
	The Helder ...	30.08	61	ENE	3	8c	29.98	-23	59	57	+2	E	3	8	3	-	63	57	*	-	
	Brussels ...	*	*	*	*	*	29.88	-25	62	57	+5	ENE	2	8	*	-	71	52	*	-	
	Berlin ...	30.15	66	NNE	2	8	30.07	-11	61	58	+7	NE	3	8	*	-	70	54	*	-	
SPAN. PEN.	Frankfurt ...	29.95	61	N	3	c	29.93	-11	65	57	+5	E	3	8	*	-	73	55	*	-	
	Munich ...	29.98	56	E	6	m	29.97	-07	58	54	+5	E	4	8c	*	-	66	46	*	-	
	C. Gris Nez ...	30.00	57	NE	4	8	29.87	-24	56	55	+1	ENE	4	m	3	-	59	54	*	-	
	Brest ...	29.91	63	NE	4	8	29.82	-17	55	54	+1	NE	4	8c	3	-	68	54	*	-	
	Lorient ...	29.85	66	NE	6	c	29.80	-14	57	54	0	NE	3	8	2	-	70	54	*	-	
	Rochefort ...	29.76	74	NE	4	8c	29.75	-06	61	59	-3	ENE	3	0	*	8c	81	57	*	-	
	Biarritz ...	29.73	63	WSW	3	0	29.74	-04	63	62	0	Z	0	0	1	-	68	59	*	-	
	Paris ...	29.88	68	ENE	3	8	29.82	-18	57	53	-3	NE	2	0	*	-	73	54	*	-	
	Belfort ...	29.78	65	ENE	6	m	29.87	-01	58	57	+2	Z	0	0	*	-	68	53	*	0.04	
	Lyons ...	29.83	64	SSW	1	0	29.88	+03	57	55	-2	E	1	0	*	-	75	56	*	0.12	
Nice ...	29.86	62	ENE	4	0	29.88	+07	66	55	+2	ENE	3	8c	3	-	68	57	*	0.04		
Perpignan ...	29.80	64	ESE	2	0	29.82	+04	65	62	-3	SE	2	0	*	-	73	61	*	0.04		
SPAN. PEN.	Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lisbon ...	29.72	65	WSW	3	8	29.71	-05	65	61	0	SSW	2	0	*	-	70	63	*	-	
	Azores (P. Delgada) ...	30.17	63	NNE	5	0	30.14	-03	62	58	-1	NE	5	8	4	-	68	59	*	-	
" (Horta) ...	30.25	65	NE	4	8c	30.22	-04	64	59	-2	NE	4	8c	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 THURSDAY, 28TH MAY, 1903.

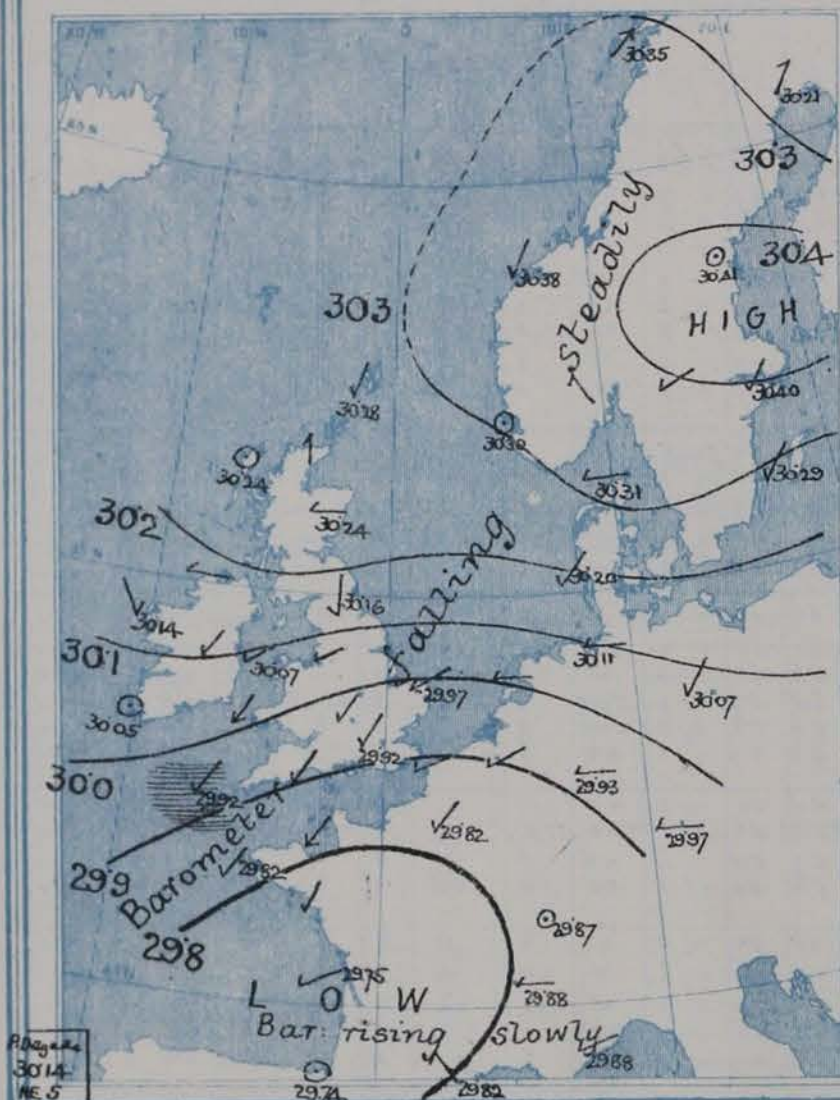
I. BAROMETER, WIND AND SEA. This Morning.

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

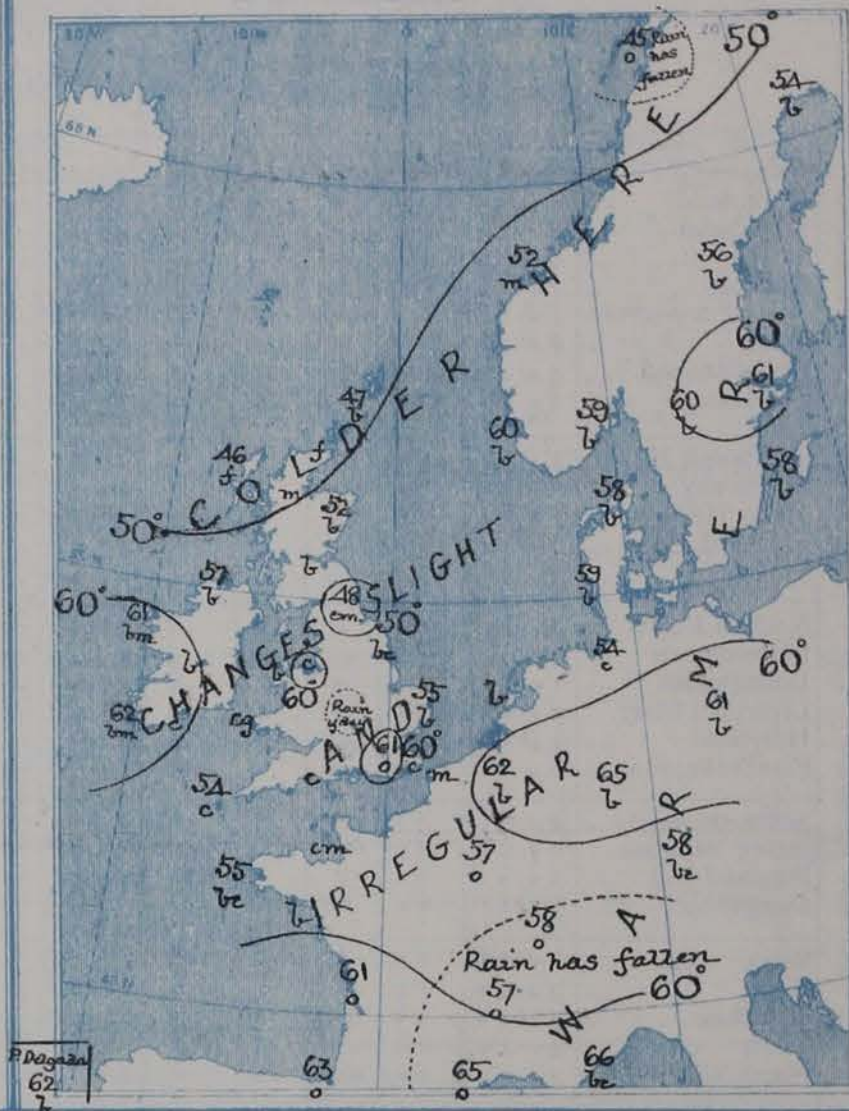


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

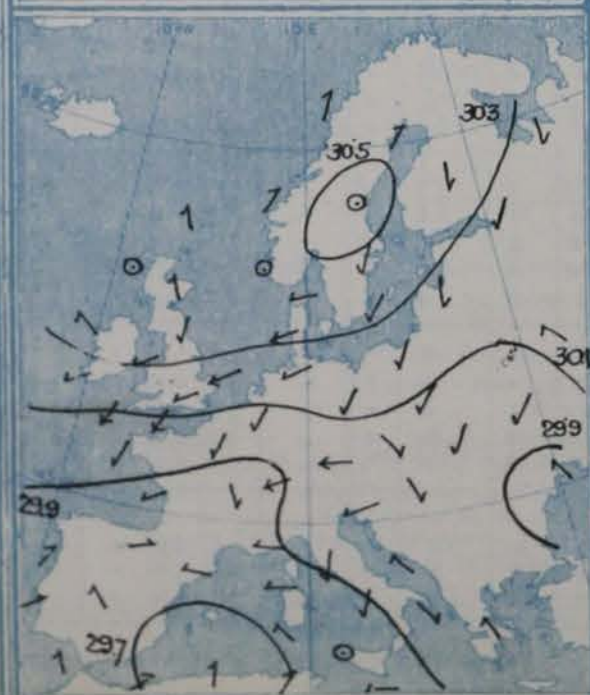
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

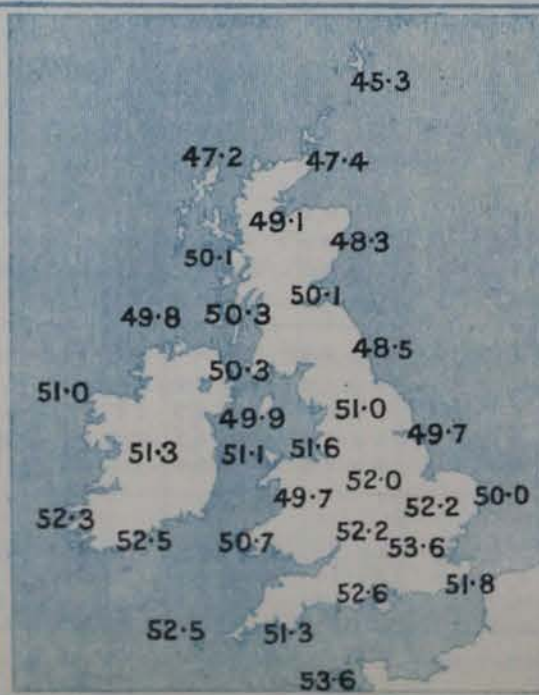


III BAROMETER AND WIND

Yesterday morning.



IV Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone recently noticed over western Europe is receding in a northeasterly direction, the highest pressures, 30.5 ins. and upwards, being now reported over the Gulf of Bothnia and the central parts of Sweden. At the Scandinavian, Danish and north German stations the barometer is rising slightly, but in all other parts of our area it is falling, the lowest readings, 29.8 in and less, being found in a shallow cyclonic disturbance over the south of France. A moderate but increasing gradient for E^{ly} and NE^{ly} winds now exists over the south of our Islands and the northern parts of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

E^{ly} or NE^{ly} breezes are reported over England, Ireland and the western parts of the Continent generally, and blow freshly on our own south and east coasts. In the north of Scotland the wind is light from the S^W, while in the northern parts of Scandinavia it draws into SW. Temperature has changed but little and remains above the average in most parts of the United Kingdom, the highest readings, 60° to 62°, being reported on the west and south coasts of Ireland. The thermometer is above 55° at our western and southern stations generally and also in the east of Scotland, but is as low as 47° at Stornoway and 49° at Shields. In several parts of Denmark, Germany and the south of Sweden the thermometer stands at or slightly above 60°, while in the south of France the readings range between 63° and 68°. Fine weather is still reported over western Europe as a whole, but in some parts of Belgium and Germany, and also in the south of France the sky is overcast, with rain at Berlin and thunder at Biarritz. The sea is slight or smooth generally, but moderate on our east and southeast coasts.

During yesterday the thermometer rose to 71° in London, to 72° at Valencia and to 73° at Parsonstown. On the east coasts of England it did not reach 60°, while at Malin Head it only rose to 54°. The amount of bright sunshine was again large, more than 12 hours being reported in many parts of the United Kingdom and as many as 14.0 hours at Aberdeen and 14.5 hours at Harrogate. Over western Europe generally there was an entire absence of rain, but slight amounts were recorded at some of the German stations.



PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The low pressure system over the south of France is likely to spread gradually northwards, and a further slight increase in the strength of the NE^{ly} winds is probable on our south and east coasts. The tendency for showery weather now existing in Germany is likely to extend westwards, and will probably make itself felt over England in the course of tomorrow.

FORECASTS *

For the 24 hours ending at NOON on 28th May. 1903

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S ^{ly} and SE ^{ly} winds, light; fair generally	6	SCOTLAND WEST	Same as Nos 0 and 1.
1	SCOTLAND EAST		7	ENGLAND N.W.	E ^{ly} and NE ^{ly} winds, light or moderate; fine, warm.
2	ENGLAND N.E.		8	ENGLAND S.W.	NE ^{ly} winds, fresh; fair generally
3	ENGLAND EAST	NE ^{ly} winds, moderate inland, fresh or strong on coast; fair today.	9	IRELAND NORTH	Same as No. 7.
4	MIDLAND COUNTIES	Becoming less settled tomorrow, with showers in places.	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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	3	*	3c, 3	62	47	14.0	-
Bath	30.24	66	E 5	3	30.23	- .10	55	51	- 1	NE 2	3	*	-	70	46	13.5	-

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	70	42	3, c	12.9	-	Eastbourne to 6 pm ...	*	*	*	12.4	*
Rhyl to 6 pm	*	*	*	12.5	*	Hastings	*	*	*	12.2	*
Llandudno to 6 p.m....	*	*	*	12.5	*	Lowestoft, to 6 p.m. ...	55	48	c, 3	9.9	-
Aberystwyth, to 6 p.m. ...	71	63	3	13.0	-	Harrogate, to 6 p.m. ...	66	37	3 w	13.0	-
Plymouth, to 9 p.m....	71	52	3c, 3	12.1	-	Manchester, to 9 p.m. ...	69	42	3, 3c	11.3	-
Worthing	*	*	*	13.5	*	Darwen, to 9 p.m. ...	66	42	3 m w	12.9	-
Brighton	*	*	*	11.1	*	Birmingham, to 9 p.m. ...	67	44	3, c	13.3	-

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
26 th May, 1903.									
Utrecht... ..	70	48	3, 3c	Ins.	Tunis	88	63	c, 3c	Ins.
Madrid	Not recd.			-	Algiers	81	64	c, c	-
Vienna	70	54	c, c	?	Madeira (Funchal) ...	68	57	?, c	-
St. Petersburg	75	55	c, f	-					
Trieste	73	57	c, 3c	-	25 th May, 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Florence	82	57	3, 3	-					
Rome	78	57	3, 3	-	Lugano	79	—	3	-
Corsica (I. Sanguinaires) ...	75	59	m, m	-	Davos	61	—	3	-
Naples	76	62	3, 3	-	Lucerne	77	—	3	-
Palermo	80	53	3, m	-	Lausanne	77	—	3	-
Malta	78	69	?, 3	-					

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.

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 (Point Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

27 th May, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.44	11.50	7.57
Greenwich	3.56	11.57	7.58
Wick	3.26	12.09	8.53
Valencia	4.35	12.38	8.41

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,

† 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, 29th May.

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.	Sea (0 to 9.)	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Temp.		Sun- shine Hours.	Rainfall. Ins.
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)				Max.	Min.		
	Ins.	°					Ins.	Ins.	°	°							°	°		
SCANDINAVIA.	Haparanda ...	30.17	56	SW	2	6	30.06	-15	51	43	-3	S	2	c	*	-	63	43	*	-
	Hernösand ...	30.25	57	S	6	6	30.16	-25	65	56	+9	S	2	6	*	-	66	37	*	-
	Stockholm ...	30.28	59	E	2	6	30.22	-18	68	60	+7	E	2	6	*	-	68	46	*	-
	Wisby ...	30.30	59	E	2	6	30.19	-10	68	61	+10	E	2	c	*	-	70	46	*	-
	Karlstad ...	30.25	65	SE	2	6	30.16	-24	63	58	+3	ENE	2	6	*	-	*	*	*	-
	Færder (X'iania Fjord) ...	30.20	63	N	1	6c	30.12	-23	59	57	0	NNE	2	c	1	-	68	57	*	0.08
	Bodö ...	30.24	48	X	0	0	30.20	-15	45	43	0	W	4	0	2	-	48	43	*	0.04
	Christiansund ...	30.21	48	NE	2	f	30.19	-19	48	46	-4	ENE	3	f	3	-	55	44	*	-
BRITISH ISLANDS.	Skudesnaes ...	30.20	59	X	0	m	30.06	-24	55	52	-5	ENE	2	r	1	0, m	63	52	*	*
	Sumburgh Head ...	30.18	47	NE	2	m	30.06	-22	47	46	0	NE	2	0	3	0, f	49	45	*	-
	Stornoway ...	30.10	56	ENE	3	0	29.98	-26	53	51	+7	ENE	1	0	1	0, f	56	42	6.7	-
	Malin Head ...	30.04	57	E	3	6	29.93	-26	55	53	-2	E	3	6m	2	6	59	50	*	-
	Blacksod Pt. ...	29.97	62	NNE	3	6	29.88	-26	58	55	-3	ENE	1	c	2	6c, 6	67	57	*	-
	Valencia ...	29.93	60	E	1	op	29.78	-27	59	55	-3	ENE	3	om	3	6m, op	70	52	10.0	0.22
	Roche's Point ...	29.90	64	E	4	c	29.79	-26	58	55	-2	ENE	3	0	2	c	68	55	*	-
	Parsonstown ...	29.93	69	ENE	2	6c	29.83	-27	56	52	-5	E	3	0	*	6, 6c	72	50	11.9	-
GERMANY, &c.	Donaghadee ...	30.00	58	ENE	3	c	29.92	-25	54	52	+1	NNE	3	6	3	6	64	49	*	-
	Liverpool Obsy. ...	29.90	65	ENE	3	6c	29.85	-18	59	54	-5	E	1	m	?	0, 6c	69	51	*	-
	Holyhead ...	29.92	58	N	1	cmu	29.84	-23	58	56	-1	E	3	6cm	2	6c, cmu	60	51	*	-
	Pembroke (St. Ann's) ...	29.83	60	WNW	1	c	29.78	-19	55	55	-3	E	1	ogm	2	6, cmu	67	53	1.3	0.17
	Scilly (St. Mary's) ...	29.80	58	ESE	1	c	29.72	-20	57	54	+3	ENE	2	c	4	c	60	51	13.2	-
	Jersey (St. Aubins) ...	29.75	66	ENE	4	omg	29.69	-15	58	57	0	E	3	om	3	6, omg, p	70	58	9.3	0.46
	Portland Bill ...	29.82	59	ENE	2	c	29.73	-18	55	55	-2	E	4	r	3	6c, 6	67	50	*	0.34
	Dungeness ...	29.80	59	NE	5	6c	29.80	-16	57	56	+1	E	5	c	3	6, 6c	63	54	7.4	0.01
FRANCE.	Wick ...	30.15	52	SE	2	6	30.06	-19	48	46	+2	E	2	0	2	-	58	45	*	-
	Nairn ...	30.05	56	NE	1	6c	30.01	-22	50	49	+1	E	1	m	1	-	60	45	*	-
	Aberdeen ...	30.11	52	NE	3	0	30.01	-25	60	54	+8	NNE	3	6	1	6c, 0	60	48	9.1	-
	Leith ...	30.07	53	NE	2	0	29.98	-25	55	52	+1	NE	1	6	*	-	61	48	*	-
	North Shields ...	30.04	53	NNE	3	c	29.92	-24	52	50	+4	N	2	0	3	c	55	47	*	-
	Spurn Head ...	29.93	53	NE	4	c	29.86	-18	53	51	-2	N	3	0	2	-	58	48	*	-
	Yarmouth ...	29.86	54	NE	4	df	29.84	-13	54	53	-1	NE	3	f	3	f, df	57	50	*	0.02
	Loughborough ...	29.85	58	NE	2	6c	29.83	-13	52	52	-4	NE	1	r	*	6, 6c, 6	67	51	*	0.39
GERMANY, &c.	Oxford ...	29.81	65	NE	3	6	29.81	-11	57	55	-4	ENE	3	0	*	6, 6c, 6, op	68	53	2.9	0.31
	London (Brixton) ...	29.81	65	NE	3	6	29.81	-11	57	55	-4	ENE	3	0	*	6, 6c, 6, op	68	53	2.9	0.31
	The Scaw (Skagen) ...	30.16	60	E	1	6	30.06	-25	60	57	+2	E	3	6c	1	-	72	57	*	0.16
	Fanö ...	30.05	62	ENE	4	0	29.93	-27	60	58	+1	E	4	0	*	c, 6, 6	68	59	*	0.08
	Cuxhaven ...	29.97	67	E	4	0	29.90	-21	65	62	+11	S	2	6	*	-	68	54	*	-
	The Helder ...	29.82	59	ENE	1	6	29.84	-14	62	60	+3	WSW	1	6c	0	-	64	54	*	0.39
	Brussels ...	29.84	69	ENE	1	6	29.84	-14	69	63	+7	ENE	1	6	*	-	73	55	*	-
	Berlin ...	29.99	71	ESE	2	6	30.00	-07	68	62	+7	SE	3	6	*	-	77	59	*	-
FRANCE.	Frankfurt ...	29.85	65	S	1	6c	29.88	-05	67	58	+7	NE	1	6	*	-	79	55	*	-
	Munich ...	29.95	63	NE	2	6c	29.95	-02	61	57	+3	E	4	6	*	-	73	48	*	-
	C. Gris Nez ...	29.80	58	ENE	4	6c	29.79	-08	59	57	+3	ENE	3	m	3	-	61	54	*	0.51
	Brest ...	29.74	63	NE	3	c	29.67	-15	54	54	-1	N	2	c	2	-	66	52	*	?
	Lorient ...	29.71	64	E	2	6	29.66	-14	59	59	+2	NE	2	0	2	-	72	57	*	0.35
	Rochefort ...	29.71	65	NNE	2	0	29.71	-04	63	61	+2	SE	4	0	*	6, 0	75	59	*	0.47
	Biarritz ...	29.72	62	W	5	0	29.75	+01	61	61	-2	X	0	0	3	0, 6, 6	79	59	*	0.28
	Paris ...	29.78	64	X	0	0	29.80	-02	65	60	+8	SE	2	6	*	-	76	57	*	0.04
SPAN. PEN.	Belfort ...	29.80	68	NE	4	m	29.84	-03	61	57	+3	X	0	m	*	-	73	50	*	-
	Lyons ...	29.83	70	S	1	c	29.86	-02	63	56	+6	E	1	0	*	-	78	57	*	0.04
	Nice ...	29.86	69	ENE	4	6	29.82	-06	72	60	+6	NE	4	6c	3	-	73	66	*	-
	Perpignan ...	29.83	65	SE	2	6c	29.81	-01	65	61	0	NE	2	0	*	-	71	56	*	-
SPAN. PEN.	Corunna ...	29.78	64	WNW	3	0	29.88	+17	62	56	-3	NW	4	6c	*	-	70	59	*	-
	Lisbon ...	29.78	64	WNW	3	0	29.88	+17	62	56	-3	NW	4	6c	*	-	70	59	*	-
SPAN. PEN.	Azores (P. Delgada) ...	30.28	62	NNE	4	c	30.28	+06	61	59	-3	NE	3	0	2	-	70	59	*	-
	" (Horta) ...	30.28	62	NNE	4	c	30.28	+06	61	59	-3	NE	3	0	2	-	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 FRIDAY, 29th MAY, 1903.

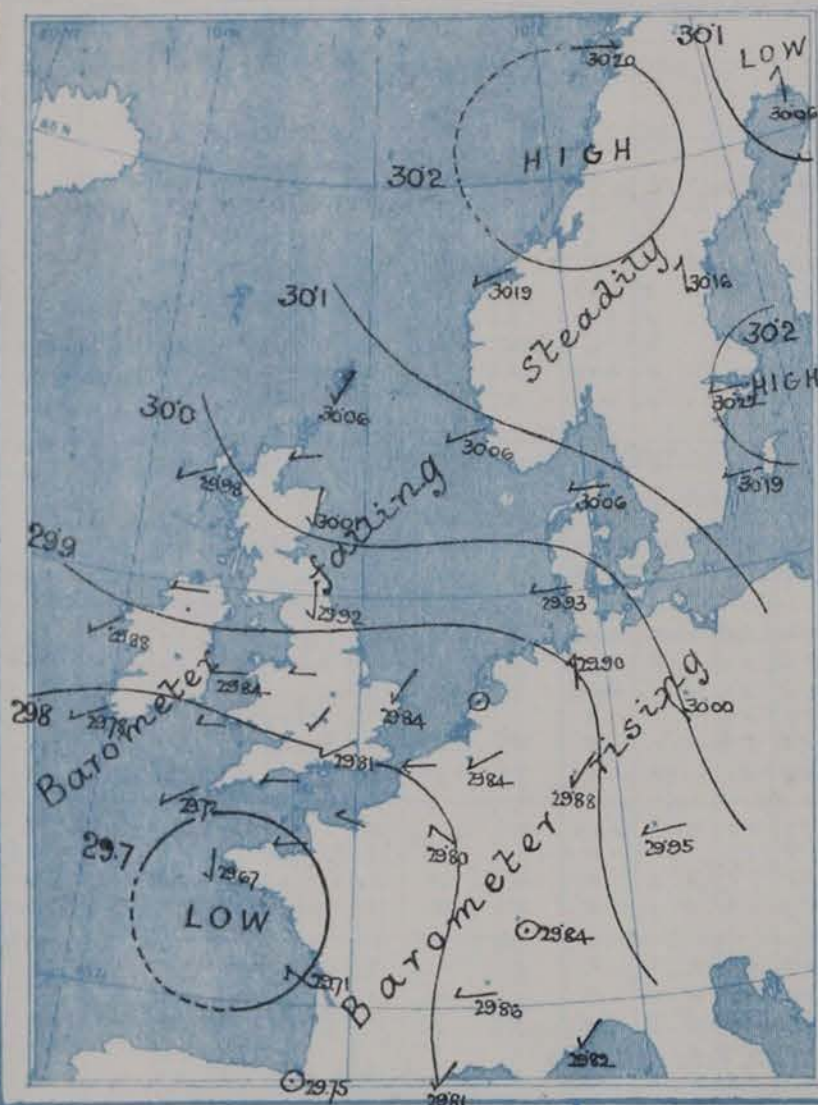
I. BAROMETER, WIND AND SEA. This Morning.

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

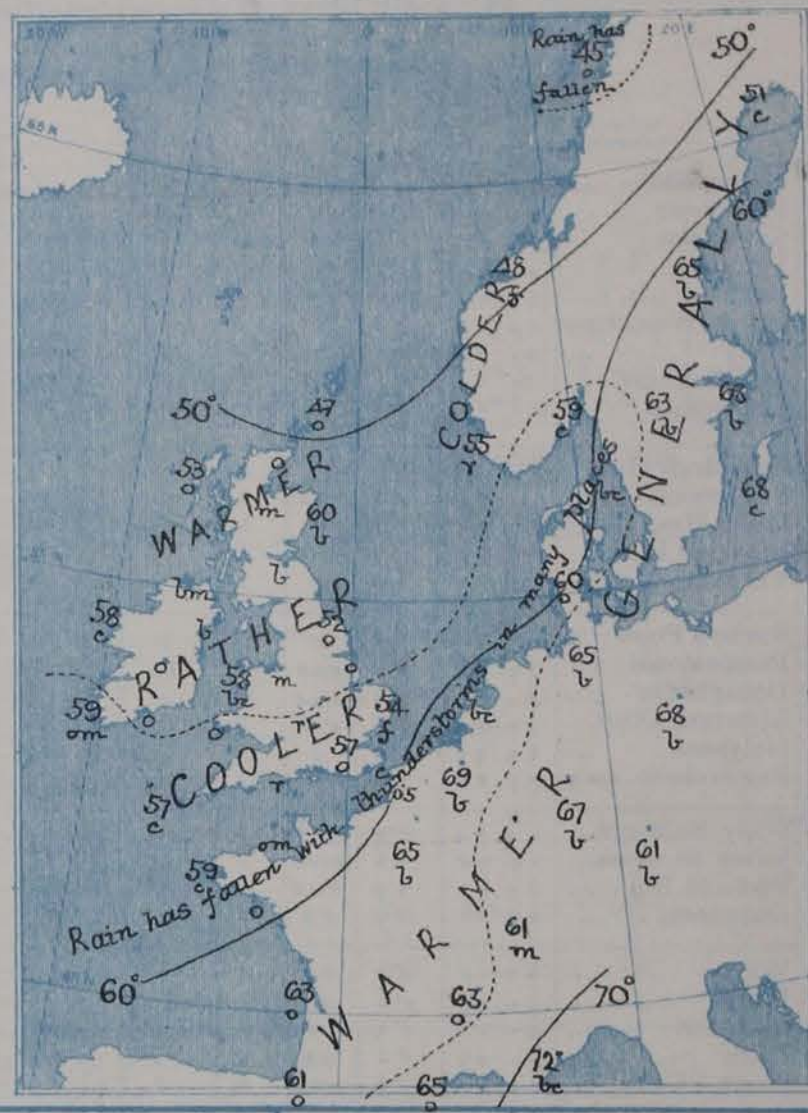


II. TEMPERATURE AND WEATHER. This Morning.

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 MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone recently noticed over western Europe is gradually diminishing, both in size and intensity, the central portion of the system, with pressures exceeding 30.4 ins. being, however, still found over central Sweden. The barometer is lowest, 29.8 ins. and less, in a shallow cyclonic disturbance lying over the Bay of Biscay and the west of France. This system is spreading slowly northwards, and the barometer is falling over western Europe generally, a slight rise being, however, reported in the south of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

Over the greater part of our area the wind remains E^{ly} or NE^{ly} and although light or moderate in force generally, it blows freshly or strongly on some of the more exposed parts of the English and Welsh coasts. In the north of Scotland and the west of Norway calms or light variable breezes are reported, while in the northern parts of Scandinavia the wind is SW^{ly}. Temperature has fallen in Scotland, and risen in Germany but has again changed very irregularly elsewhere. Over the greater part of England and Ireland the readings are still above the average, the warmest localities being Liverpool, with a temperature of 64°, London, with 61°, and the central and southern parts of Ireland, with readings ranging between 60° and 62°. In the north of Scotland and at the mouth of the Tyne the readings are below 50° and are below the average. The thermometer is slightly above 60° at many of the Continental stations, the highest values reported being 66° at Nice and 65° at Perpignan and Frankfurt. Under the influence of the southern low pressure system the weather has become dull in many parts of France and the south of England. In most other parts of western Europe it remains fair; fog or mist is however reported on the north coasts of Scotland. The sea is slight or smooth generally, but is rather rough at the mouth of the Channel.

During yesterday the thermometer rose to 70° or slightly above it at several of the Irish stations and also in London and Liverpool. On the east coasts of England and the north coasts of Scotland it did not touch 60° and at Shields it only reached 50°. The amount of bright sunshine, though somewhat smaller than of late, was again large, more than 12 hours being registered in several places and as much as 14.4 hours at Southport. A thunderstorm occurred yesterday afternoon at Plymouth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The low pressure system over France and the Bay of Biscay will probably continue to spread slowly northwards, and a gradual change to less settled weather is therefore anticipated, commencing in the south, and becoming more general in the course of the next two or three days. Thunder is probable in some parts of our southern districts.

FORECASTS*

For the 24 hours ending at NOON on 29th May 1903

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	Variable or light SE ^{ly} airs; fair generally, but some fog or mist on coast.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	NE ^{ly} winds, light or moderate; fair, cool.
3	{ ENGLAND EAST	NE ^{ly} winds, falling light; fair at first.
4	{ MIDLAND COUNTIES	close and unsettled later, with local thunder showers.
5	{ ENGLAND SOUTH	



DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	E ^{ly} and NE ^{ly} winds, light; fair generally.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	NE ^{ly} winds, moderate; fair at first, close and unsettled later, with local thunder showers.
9	{ IRELAND NORTH	NE ^{ly} winds, light; fine generally.
10	{ IRELAND SOUTH	Rather cooler.

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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	z	64	46	13.9	-
Bath	30.07	67	E 4	0	29.95	-.28	55	54	0	NE 2	0	*	-	68	53	11.5	0.03

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	71	46	z	14.4	-	Eastbourne to 6 pm ...	*	*	*	9.6	*
Rhyl to 6 pm	*	*	*	12.0	*	Hastings	*	*	*	11.3	*
Llandudno, to 6 p.m....	*	*	*	13.1	*	Lowestoft, to 6 p.m. ...	56	47	z, c	9.6	-
Aberystwyth, to 6 p.m. ...	72	63	z, c	12.3	-	Harrogate, to 6 p.m. ...	65	45	z, w	10.5	-
Plymouth, to 9 p.m....	70	53	z, c, p, z	10.4	0.08	Manchester, to 9 p.m. ...	69	48	z, z, c	12.2	-
Worthing	*	*	*	10.0	*	Darwen, to 9 p.m. ...	67	45	z, m, z, w	12.5	-
Brighton	*	*	*	9.4	*	Birmingham, to 9 p.m. ...	67	45	z, c, z	8.4	-

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

STATIONS. 27 th May, 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	68	52	c, o	Ins.	Tunis	90	66	z, f	Ins.
Madrid	86	57	o, c	-	Algiers	77	64	o, zc	-
Vienna	61	54	z, c, zc	-	Madeira (Funchal) ...	Not rec'd			
St. Petersburg	77	48	o, f	0.83					
Trieste	73	59	z, c	0.08					
Florence	83	58	z, o	0.35					
Rome	80	57	c, c	-					
Corsica (I. Sanguinaires) ...	86	64	m, m	-					
Naples	73	60	z, z	0.04					
Palermo	79	53	z, f	-					
Malta	78	57	z, c	-					
					26 th May, 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
					Lugano	77	-	z	-
					Davos	57	-	z, c	-
					Lucerne	73	-	z	-
					Lausanne	72	-	z	-

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 { Point Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Horta	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

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

28 th May 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.42	11.50	7.58
Greenwich	3.54	11.57	8.0
Wick	3.24	12.9	8.55
Valencia	4.34	12.38	8.42

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 *Saturday, 30th May, 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.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.		
At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Max.	Min.	—	—						
Ins.	°			Ins.	Ins.	°	°					°	°	Hours.	Ins.						
SCANDINAVIA.	Haparanda	30.06	55	N	2	30.10	+0.04	56	47	+5	N	2	0	—	66	41	*	—			
	Hernösand	30.07	60	S	4	30.05	-0.11	55	49	-10	E	6	0	—	72	43	*	—			
	Stockholm	30.10	64	Z	0	30.06	-0.16	70	63	+2	ESE	2	0	—	77	50	*	—			
	Wisby	30.13	61	Z	0	30.10	-0.09	65	63	-3	Z	0	0	—	72	55	*	—			
	Karlstad	30.03	61	NE	2	29.98	-0.18	63	58	0	SSE	2	0	22, r	63	59	*	0.12			
	Færder (X'ania Fjord)	29.99	61	ESE	2	29.93	-0.19	61	57	+2	ENE	2	0	—	63	59	*	—			
	Bodö	30.24	47	NE	1	30.10	-0.10	45	42	0	N	2	0	—	47	39	*	—			
	Christiansund	30.02	51	NE	3	29.91	-0.28	54	53	+6	NE	3	0	—	55	46	*	—			
	Skudesnaes	29.94	57	Z	0	29.92	-0.14	56	55	+1	NNW	2	0	0	59	54	*	—			
	Sumburgh Head	29.96	48	NE	2	29.91	-0.15	47	46	0	N	1	0	2	50	45	*	—			
Stornoway	29.94	53	NE	3	29.88	-0.10	50	49	-3	NE	1	0	1	62	42	14.5	—				
Malin Head	29.84	55	E	2	29.78	-0.15	49	49	-6	SE	4	0	3	61	49	*	0.06				
Blacksod Pt.	29.80	60	NE	3	29.77	-0.11	58	56	0	NE	3	0	2	64	55	*	—				
Valencia	29.77	57	Z	0	29.76	-0.02	53	52	-6	Z	0	0	3	64	46	0.3	0.11				
BRITISH ISLANDS.	Roche's Point	29.76	58	SSE	1	29.73	-0.06	58	56	0	NNW	2	0	3	61	54	*	—			
	Parsonstown	29.76	66	ENE	1	29.70	-0.13	57	56	+1	Z	0	0	2	67	55	7.1	0.06			
	Donaghadee	29.84	60	NNE	1	29.80	-0.12	53	52	-1	ESE	3	0	2	63	50	*	0.10			
	Liverpool Obsy.	29.79	59	ESE	2	29.80	-0.05	60	57	+1	ESE	2	0	1	63	53	*	0.04			
	Holyhead	29.79	58	E	2	29.73	-0.11	58	57	0	E	3	0	2	63	53	*	0.15			
	Pembroke (St. Ann's)	29.72	60	Z	0	29.70	-0.08	53	53	-2	S	2	0	3	61	52	0.0	0.11			
	Scilly (St. Mary's)	29.67	57	NE	2	29.74	+0.02	56	55	-1	WNW	4	0	3	63	54	10.9	0.01			
	Jersey (St. Aubins)	29.70	67	SE	3	29.77	+0.08	60	58	+2	WNW	2	0	2	68	55	3.5	0.20			
	Portland Bill	29.71	59	E	3	29.77	+0.04	55	54	0	E	3	0	3	60	54	*	0.23			
	Dungeness	29.77	61	E	5	29.78	-0.02	61	59	+4	ESE	2	0	1	64	55	9.4	0.16			
Wick	29.98	50	E	3	29.96	-0.10	45	43	-3	E	2	0	2	54	44	*	—				
Nairn	29.95	51	E	2	29.91	-0.10	47	46	-3	E	2	0	1	55	45	*	—				
Aberdeen	29.96	49	ENE	3	29.96	-0.05	48	46	-12	E	2	0	2	63	45	7.4	—				
Leith	29.93	54	NE	2	29.92	-0.06	48	47	-7	NE	2	0	*	60	46	*	—				
North Shields	29.90	51	NE	2	29.91	-0.01	49	49	-3	NE	2	0	2	55	47	*	0.05				
Spurn Head	29.86	51	NNE	4	29.86	-0.00	50	49	-3	NNE	4	0	3	58	47	*	—				
Yarmouth	29.81	56	NE	4	29.82	-0.02	56	54	+2	NE	3	0	3	57	51	*	—				
Loughborough	29.76	65	E	2	29.80	-0.03	56	55	+4	NE	2	0	*	69	52	*	0.36				
Oxford	29.75	66	ESE	2	29.76	-0.05	63	60	+6	Z	0	0	*	72	55	5.2	0.05				
London (Brixton)	29.75	66	ESE	2	29.76	-0.05	63	60	+6	Z	0	0	*	72	55	5.2	0.05				
GERMANY, &c.	The Scaw (Skagen)	29.96	62	S	3	29.91	-0.15	59	58	-1	S	3	0	0	72	59	*	—			
	Fanö	29.92	59	SW	1	29.91	-0.02	64	62	+4	WSW	2	0	0	72	54	*	—			
	Cuxhaven	29.88	69	NE	2	29.88	-0.02	64	61	-1	SE	2	0	0	73	61	*	—			
	The Helder	29.86	63	ENE	2	29.85	+0.01	63	60	+1	ENE	1	0	5	66	52	*	—			
	Brussels	*	*	*	*	29.77	-0.07	73	65	+4	WSW	1	0	0	82	61	*	—			
	Berlin	29.91	74	SE	2	29.93	-0.07	70	62	+2	SE	1	0	0	82	61	*	—			
	Frankfurt	29.76	73	N	1	29.80	-0.08	68	58	+1	SE	1	0	0	84	61	*	—			
	Munich	29.86	61	NE	4	29.84	-0.11	57	53	-4	E	2	0	0	77	48	*	—			
FRANCE.	C. Gris Nez	29.75	61	E	2	29.75	-0.04	63	59	+4	NE	2	0	1	77	54	*	0.08			
	Brest	29.69	56	NW	2	29.78	+0.11	53	53	-1	NW	2	0	2	64	53	*	—			
	Lorient	29.72	61	SSW	2	29.78	+0.12	66	56	+3	NNW	5	0	2	66	55	*	0.12			
	Rochefort	29.73	65	W	3	29.77	+0.06	61	59	-2	NW	2	0	0	75	59	*	0.59			
	Biarritz	29.80	59	W	3	29.84	+0.09	59	58	-2	WNW	4	0	3	63	55	*	0.67			
	Paris	29.74	75	ESE	1	29.78	-0.02	66	61	+1	SSE	1	0	*	81	60	*	—			
	Belfort	29.69	74	NE	2	29.75	-0.09	61	58	0	WSW	2	0	*	79	58	*	—			
	Lyons	30.17	69	SW	1	29.80	-0.06	64	59	+1	ESE	1	0	*	81	57	*	—			
Nice	29.74	72	E	6	29.78	-0.10	71	59	-1	Z	0	0	1	75	61	*	—				
Perpignan	29.74	76	E	2	29.76	-0.05	66	61	+1	NW	2	0	*	71	59	*	—				
SPAN. PEN.	Corunna	29.99	59	NW	4	29.99	+0.11	60	56	-2	W	3	0	*	66	55	*	—			
	Lisbon	29.99	59	NW	4	29.99	+0.11	60	56	-2	W	3	0	*	66	55	*	—			
	Azores (P. Delgada)	30.33	62	NE	3	30.32	+0.04	60	56	-1	NE	4	0	3	68	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.

FOR SATURDAY, 30TH MAY, 1903.

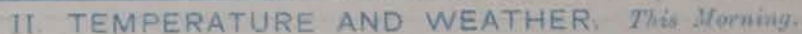
WIND — Arrows show Directions and Force, flying with the wind.

Force above 10 $\rightarrow \rightarrow \rightarrow$

Force 5 to 7 \longrightarrow

Exerc 8 to 10 $\rightarrow \rightarrow \rightarrow$

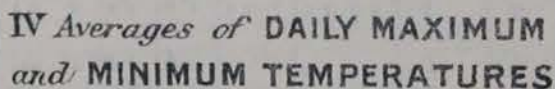
Force 1 to 4 ———→



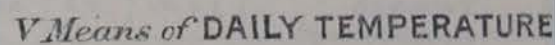
TEMPERATURE.—Isotherms are drawn for each 10°.



Yesterday morning

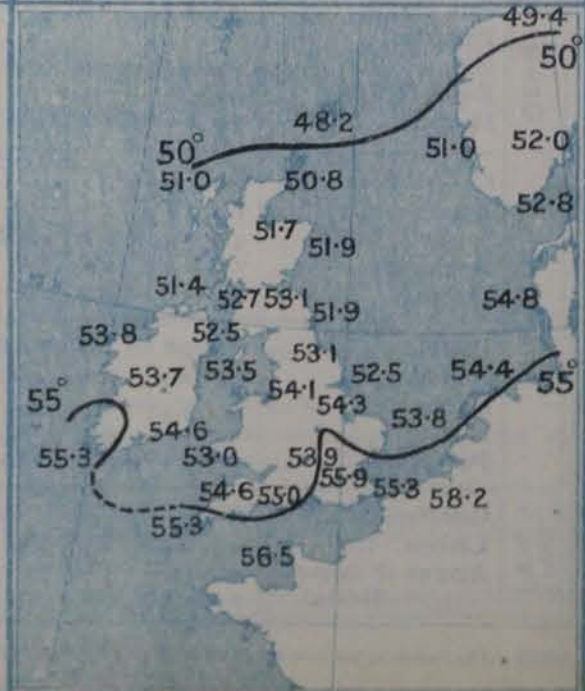


combined for the month of
MAY (1871-1900)



at 8 A.M. for the Two monthly period

MAY-JUNE (1871-1900)



GENERAL SITUATION AT 8 A.M.



PRESSURE

The shallow cyclonic disturbance over France continues to spread northwards, and the barometer is still falling over these Islands and the northern parts of the Continent. The central portion of the system, with pressures below 29.7 ins., is at present situated over Brittany and the neighbouring parts of the ocean, but is apparently moving in a westerly or northwesterly direction, and in its rear the barometer is rising again in France and Germany. The anticyclone over northern Europe continues to decrease in intensity, the highest pressures, 30.2 ins. and upwards, being found in two areas, one lying over the northwest of Norway and the other over the northern part of the Baltic.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind remains light from the E^{wd} or NE^{wd} over western Europe as a whole, but in the rear of the baric minimum noticed above it has veered to the SE^{wd} at some of the French and German stations. In the north of Scandinavia it is light from between south and west. Temperature has fallen slightly over Ireland and England and also in the west of Norway, but has risen in all other parts of our area. Over eastern and central England the readings differ but little from the normal while in the north of Scotland they are below it. In other parts of the Kingdom the thermometer is above the average, the highest readings reported being 60° at Aberdeen and 59° at Liverpool and Valencia. On the Continent the weather has become very warm, temperatures above 65° being reported in many parts of Germany and Belgium and also in the south of Sweden. The weather is dull in all the more southern parts of the United Kingdom and the north and west of France as well as in the north of Scotland and the west of Norway; rain is falling in the south of England and also at Skudene. In other parts of western Europe the weather is at present fine. The sea is slight or smooth generally.

During yesterday the thermometer rose to between 65° and 70° at most of our western and southern stations, and to 72° at Parsonstown; on the east coasts of England it did not reach 60°. Over the Kingdom generally, the amount of bright sunshine was smaller than of late but at many places in the west and south it exceeded 10 hours, and at Scilly it reached 13.2 hours. Thunderstorms occurred yesterday over the southern parts of England as well as in many parts of France and the Netherlands, and in some places the accompanying rainfall was heavy.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The low pressure system over France will probably move in a northwesterly direction, and the unsettled weather now prevalent in the south of our Islands is likely to extend to the western and northern districts. In the rear of the disturbance a temporary improvement is anticipated over our southern and southeastern counties, with a rising temperature.

FORECASTS*

For the 24 hours ending at NOON on 30th May 1903

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	NE ^{ly} to E ^{ly} winds, light; fair at first, some rain later, thunder locally.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	NE ^{ly} winds, light; dull, close, some rain, thunder locally.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	E ^{ly} to SE ^{ly} winds, light; close and changeable today, with thunderstorms in places, fine and warm tomorrow.
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	E ^{ly} winds, light, fine at first, cloudy later, with some rain, thunder locally.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	E ^{ly} winds, light; dull, some rain, thunder locally.
9	{ IRELAND NORTH	Same as Nos. 6 and 7.
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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	bc	*	bc, b	62	51	10.9	-
Bath	29.82	59	NE 1	o	29.79	- .16	54	53	- 1	NE 3	r	*	-	67	52	2.0	0.18	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	72	50	δ, o, c	8.3	-	Eastbourne to 6 pm ...	*	*	*	10.0	*
Rhyl to 6 pm ...	*	*	*	6.5	*	Hastings ...	*	*	*	10.7	*
Llandudno 6 p.m. ...	*	*	*	6.4	*	Lowestoft, to 6 p.m. ...	57	50	δc, o, r	6.8	-
Aberystwyth, to 6 p.m. ...	68	61	o, δc	6.0	-	Harrogate, to 6 p.m. ...	67	47	c, w, δc	4.5	-
Plymouth, to 9 p.m....	67	55	δc, δc, r	5.6	0.03	Manchester, to 9 p.m. ...	66	51	δ, g, r, δc	8.2	-
Worthing ...	*	*	*	9.8	*	Darwen, to 9 p.m. ...	67	48	δc, r, δc, v	7.8	-
Brighton to 6 pm ...	*	*	*	9.8	*	Birmingham, to 9 p.m. ...	66	51	o, r, c, o	1.9	0.03

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

STATIONS. 22 nd May. 1908.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	73	55	c, b	Ins. —	Tunis	84	61	m, f	Ins. —
Madrid	Not rec ^d				Algiers	81	64	b, o	—
Vienna	70	52	b, c	—	Madeira (Funchal)	Not rec ^d			
St. Petersburg	66	48	b, o	0.08					
Trieste	Not rec ^d								
Florence	78	60	o, o	0.12	27 th May 1908.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome	80	57	b, c	—	Lugano	59	—	o	0.55
Corsica (I. Sanguinaires)	70	61	m, m	—	Davos	50	—	+	—
Naples	77	60	b, b	—	Lucerne	68	—	bc	—
Palermo	85	58	o, c	—	Lausanne	72	—	b	—
Malta	70	65	?, r	—					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	29 th May, 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. ‡ (W.E.T.)	6 p.m. ‡	Yarmouth	3.46	11.50	7.59
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.	Wick	3.22	12.09	8.57
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.	Valencia	4.33	12.38	8.43
Azores { Point 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.				

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

Sunday, 31st May,

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.		BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours.	Rainfall. Ins.			
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 82° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.			Max.	Min.					
																					Ins.	°	Ins.
SCANDINAVIA.	Haparanda ...	30.00	58	NE	2	b	30.00	-10	59	51	+3	E	2	b	*	-	68	46	*	-			
	Hernösand ...	29.97	49	Z	0	b	29.91	-14	51	48	-4	Z	0	r	*	-	61	46	*	0.67			
	Stockholm ...	29.93	65	SSE	2	b	29.87	-19	68	58	-2	Z	0	o	*	-	75	54	*	-			
	Wisby ...	29.97	64	Z	0	b	29.93	-17	67	59	+2	Z	0	b	*	-	72	55	*	-			
	Karlstad ...	29.86	66	Z	0	c	29.84	-14	63	60	0	W	2	b	*	-	72	55	*	-			
	Færder (X'ania Fjord)	29.85	62	SSW	1	b	29.86	-07	60	55	-1	NNE	2	b	1	-	64	57	*	-			
	Bodö ...	29.96	50	NE	2	b	29.86	-24	50	46	+5	N	2	c	1	-	50	45	*	-			
	Christiansund ...	29.91	55	NE	2	bc	29.91	00	54	51	0	WNW	2	bc	2	-	59	48	*	-			
	Skudesnaes ...	29.92	50	NNW	4	f	29.95	+03	50	50	-6	NNE	2	f	1	m,f	59	46	*	-			
	Sumburgh Head ...	29.80	48	S	1	o	29.82	-09	49	48	+2	S	3	o	3	o	50	43	*	-			
BRITISH ISLANDS.	Stornoway ...	29.79	61	E	3	o	29.89	+01	62	50	+2	SW	2	o	2	o	61	47	6.0	0.04			
	Malin Head ...	29.74	53	ENE	2	op	29.87	+09	52	52	+3	SW	2	f	2	o,op	54	49	*	0.16			
	Blackod Pt. ...	29.78	55	NNW	3	om	29.97	+20	51	50	-7	NW	3	op	3	m,om	58	50	*	0.10			
	Valencia ...	29.80	55	NNW	4	om	29.96	+20	54	50	+1	N	4	o	4	cm,om	60	52	5.5	-			
	Roche's Point ...	29.76	58	SW	1	bc	29.92	+19	56	53	-2	N	5	o	4	om,f,bc	66	52	*	0.23			
	Parsonstown ...	29.76	58	W	1	o	29.94	+24	54	52	-3	NNW	1	o	*	og	59	52	0.0	-			
	Donaghadee ...	29.78	53	SSE	4	cg	29.89	+09	54	54	+1	Z	0	f	0	-	59	50	*	-			
	Liverpool Obsy. ...	29.78	67	SSE	1	c	29.87	+07	58	56	-2	W	1	b	?	cm,p	71	55	*	0.04			
	Holyhead ...	29.78	61	S	1	cp	29.90	+17	54	53	-4	SW	1	f	1	o,op	64	51	*	0.04			
	Pembroke (St. Ann's) ...	29.78	57	SW	1	c	29.83	+13	55	54	+2	N	4	cgmw	3	c,f	58	47	5.0	-			
GERMANY, &c.	Scilly (St. Mary's) ...	29.78	58	WNW	2	o	29.82	+08	57	56	+1	NNW	4	f	2	o	64	55	4.5	-			
	Jersey (St. Aubins) ...	29.79	58	WNW	4	cm	29.79	+02	64	60	+4	NE	2	bc	2	bc,cm,or	64	54	6.3	0.22			
	Portland Bill ...	29.79	58	NW	1	c	29.77	00	63	60	+8	NNE	4	f	2	f,c	64	52	*	-			
	Dungeness ...	29.75	65	NNE	1	c	29.75	-03	64	62	+3	N	2	m	0	bc,cl	68	56	5.7	-			
	Wick ...	29.87	46	NE	3	c	29.83	-13	58	54	+13	Z	0	b	1	-	58	45	*	-			
	Nairn ...	29.83	54	E	1	bc	29.81	-10	58	56	+11	W	1	o	1	-	58	46	*	0.01			
	Aberdeen ...	29.90	48	SSE	3	c	29.88	-08	50	49	+2	SSE	3	o	2	b,c	53	46	6.4	-			
	Leith ...	29.87	49	NE	2	r	29.85	-02	50	49	+2	NE	1	o	*	-	51	47	*	0.11			
	North Shields ...	29.87	50	NE	2	c	29.89	-02	50	50	+1	ENE	2	f	3	f,c,t	51	47	*	0.03			
	Spurn Head ...	29.86	50	NE	3	c	29.87	+01	49	48	-1	N	3	f	3	cl,c,f	55	47	*	0.18			
FRANCE.	Yarmouth ...	29.77	61	ENE	2	b	29.79	-03	58	54	+2	N	3	b	3	bc,b	61	51	*	-			
	Loughborough ...	29.78	64	NNE	1	b	29.83	+03	56	54	0	NW	2	o	*	b,cl,rh	77	53	*	0.73			
	Oxford ...	29.75	64	SW	1	c	29.80	+04	59	57	-4	NNE	2	b	*	b,cl,rh,f	79	56	6.6	0.61			
	London (Brixton) ...	29.75	64	SW	1	c	29.80	+04	59	57	-4	NNE	2	b	*	b,cl,rh,f	79	56	6.6	0.61			
	The Scaw (Skagen) ...	29.87	62	Z	0	b	29.88	-03	56	54	-3	W	3	b	1	-	72	54	*	-			
	Fanö ...	29.85	61	NW	2	b	29.91	00	64	60	0	NW	2	b	*	b,cl	75	57	*	-			
	Cuxhaven ...	29.83	73	E	3	b	29.86	-02	65	61	+1	SE	2	b	*	-	79	61	*	-			
	The Helder ...	29.74	64	NE	3	b	29.79	-06	65	62	+2	E	1	b	0	-	66	59	*	-			
	Brussels ...	29.74	64	NE	3	b	29.79	-06	65	62	+2	E	1	b	0	-	66	59	*	-			
	Berlin ...	29.84	59	E	2	b	29.86	-07	69	63	-1	E	2	b	*	-	84	57	*	-			
SPAN. PEN.	Frankfurt ...	29.72	69	E	1	b	29.77	-03	68	59	0	E	2	b	*	-	69	59	*	-			
	Munich ...	29.81	61	E	4	b	29.84	00	58	54	+1	E	5	bc	*	-	72	46	*	-			
	C. Gris Nez ...	29.73	61	NE	2	b	29.76	+01	55	55	-8	NE	3	f	3	-	70	54	*	0.04			
	Brest ...	29.82	56	NW	2	o	29.83	+05	55	55	+2	NNW	2	r	2	-	57	53	*	0.04			
	Lorient ...	29.80	60	NW	4	o	29.82	+04	57	57	+1	NW	4	m	2	-	64	55	*	-			
	Rochefort ...	29.80	61	NW	5	o	29.83	+06	61	57	0	NNW	3	o	*	r,o	66	55	*	0.20			
	Biarritz ...	29.80	61	NW	5	o	29.83	+06	61	57	0	NNW	3	o	*	r,o	66	55	*	0.20			
	Paris ...	29.71	75	NE	1	c	29.77	-01	66	61	0	WSW	2	c	*	-	84	59	*	-			
	Belfort ...	29.64	71	Z	0	m	29.76	+01	60	58	-1	WSW	3	o	*	-	79	55	*	0.08			
	Lyons ...	29.72	67	W	2	c	29.80	00	61	59	-3	N	2	c	*	c,cl,r	83	57	*	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 SUNDAY 31st MAY, 1903.

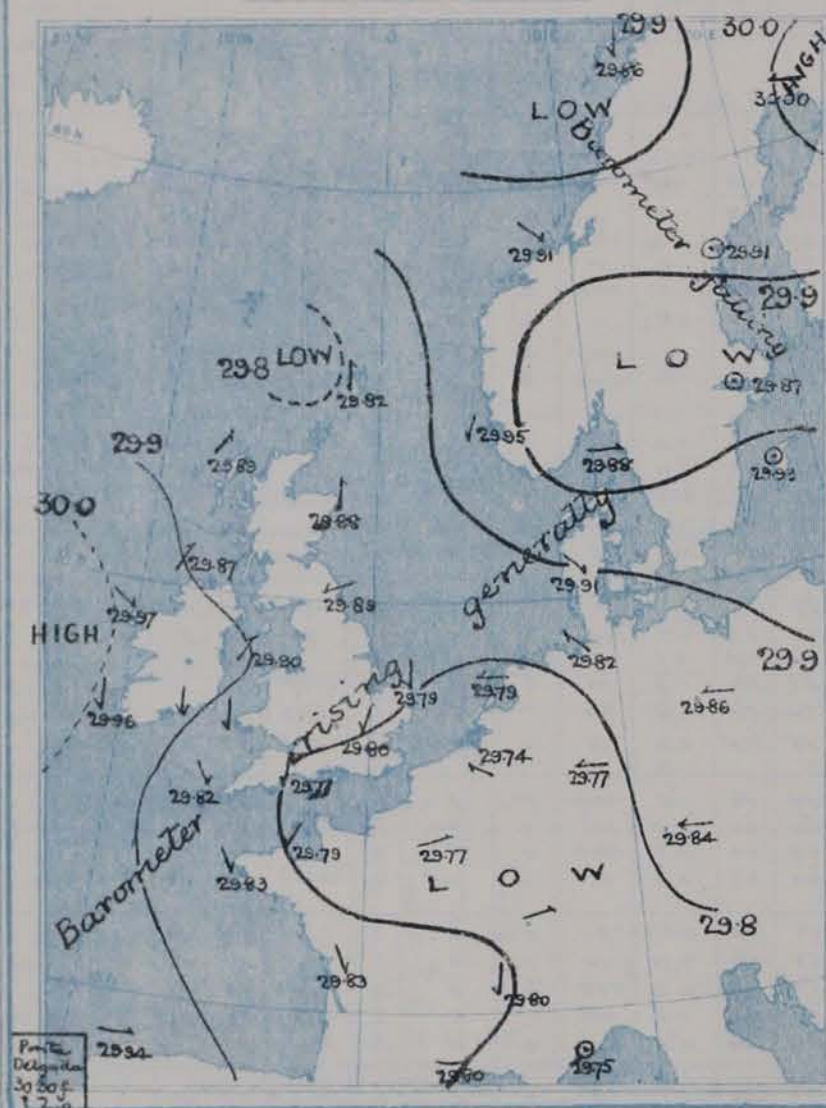
I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force about 10 \rightarrow Force 6 to 7 \rightarrow Force 3 to 4 \rightarrow Calm \odot

SEA.—Rough \square High \square

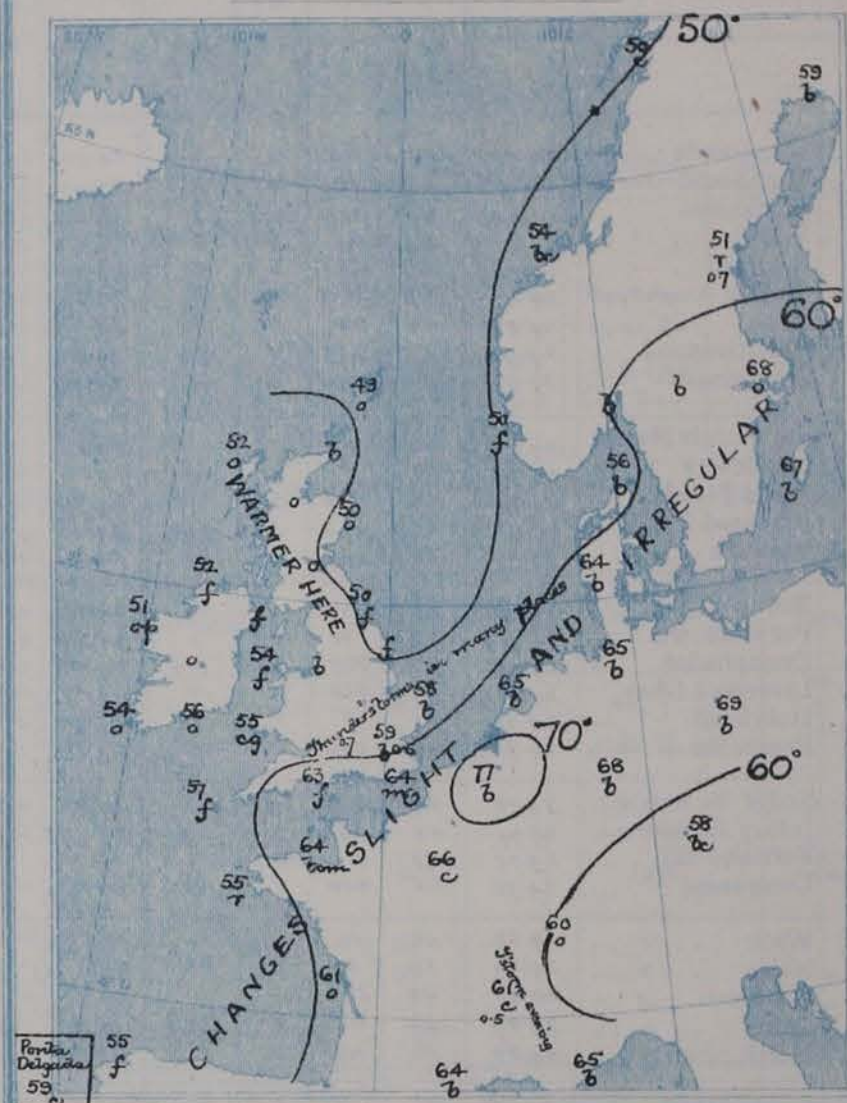


II. TEMPERATURE AND WEATHER. This Morning.

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 exceed one half an inch is shown thus: 0.6

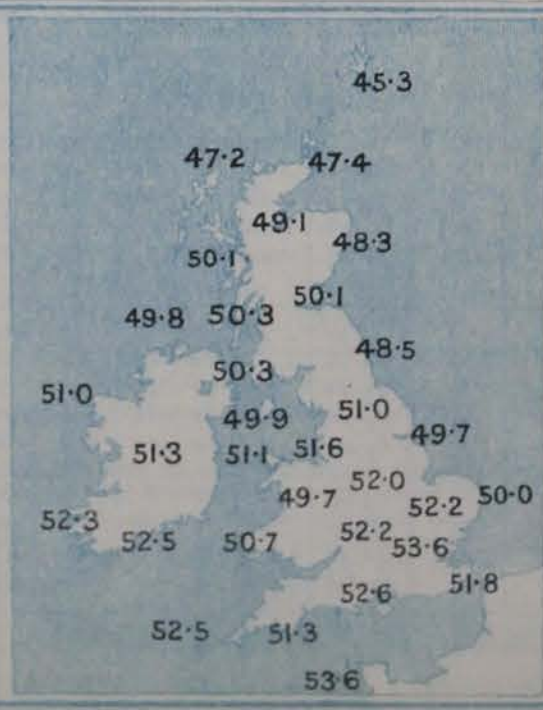


III. BAROMETER AND WIND

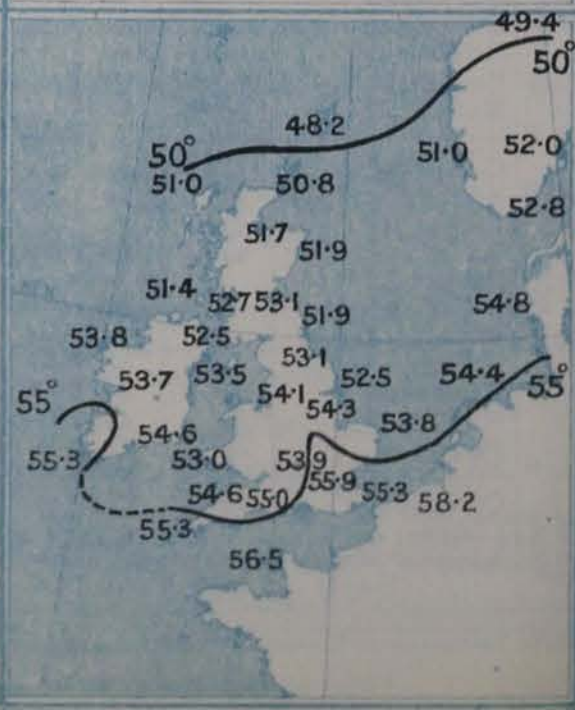
Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES combined for the month of MAY (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The shallow cyclonic disturbance noticed yesterday over Brittany has moved in a northnorthwesterly direction, its centre being at present shown near Waterford, in which neighbourhood the barometer has apparently fallen below 29.7 ins. Pressure is low, 29.8 ins. and less, over the west and south of our Islands generally and also over France and the Netherlands but at our southern and the French stations the mercury is at present rising slowly. In all other parts of our area the barometer is falling. The highest pressures, 30.0 ins. to 30.1 ins., are reported over Sweden and the north of Norway.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is generally light in force and shows a distinct cyclonic circulation, being SE^{ly} in Germany and E^{ly} or NE^{ly} over Scandinavia and the greater part of the United Kingdom but NW^{ly} on our extreme southwest coasts and in the west and south of France. Over central France it is very variable. Over the northern parts of the United Kingdom temperature has fallen and is now below the average, the readings being mostly below 50°; at Wick the thermometer stands at 45°. At the English stations the thermometer has risen, the highest readings at present reported being 63° in London and 61° at Dungeness. At many of the Continental stations the thermometer is above 65°, Stockholm and Berlin reporting a reading of 70°, Nice 71° and Brussels 73°. The weather is fine in the southeast of England as well as in the Netherlands, Denmark, Germany and Sweden. In other parts of our area the sky is very cloudy, with fog on many parts of our own east and southwest coasts; rain is falling at Rochefort and passing showers at Malin Head; thunder is reported at Yarmouth. The sea is slight or smooth generally.

During yesterday the thermometer rose to 65° and upwards at several of our western and southern stations and to 72° in London. On the east coasts of England and the north coasts of Scotland it did not reach 60°. The amount of bright sunshine was generally rather small, but exceeded 10 hours at some of the Channel stations and was as much as 14.5 hours at Stormoway. Rain has fallen in many parts of England and Ireland and also in the west and north of France, with thunder and lightning in several places.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic system in the west will probably continue to move slowly in a northerly or northwesterly direction. Shallow secondary disturbances are lying over France and are likely to advance northwards and occasion thunderstorms in many parts of England. Light E^{ly} winds are still probable on our north coasts, but variable breezes in the south.

NOTICE. Whitsuntide Holiday. The Daily Weather Report for Monday next, will be issued on Tuesday June 2nd.

FORECASTS *

For the 24 hours ending at NOON on 31st May 1903

DISTRICTS.



FORECASTS.

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	{ E ^{ly} and NE ^{ly} winds, light; dull, cool, some showers.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	{ NE ^{ly} to E ^{ly} winds, light; cloudy, some mist or fog, thunderstorms locally
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	{ Light variable airs; warm and close, with thunderstorms in many places.
5	{ ENGLAND SOUTH	

6	{ SCOTLAND WEST	{ E ^{ly} and SE ^{ly} winds, light; cloudy, showery, thunder locally.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	{ W ^{ly} and NW ^{ly} winds, light; cloudy, thunder locally, some fog on coast.
9	{ IRELAND NORTH	Same as Nos. 6 and 7.
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.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.	
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.			
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	"	2	"	72.2	66	55	9.0	0.06
Bath	29.71	64	NE 2	0	29.78	- .01	59	58	+ 5	NE 1	0	"	-	66	53	0.0	0.69	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Southport, to 9 p.m....	66	48	c, op, o	4.3	0.06	Eastbourne to 6 pm ...	60	48	*	10.2	*
Rhyl to 6 pm ...	*	*	*	3.0	*	Hastings ...	58	48	*	10.3	*
Llandudno to 6 pm ...	*	*	*	2.0	*	Lowestoft, to 6 p.m. ...	54	48	oc, m, bc, b	4.6	-
Aberystwyth, to 6 p.m. ...	63	58	oc	2.0	0.07	Harrogate, to 6 p.m. ...	64	47	w, o; oc	0.8	-
Plymouth, to 9 p.m....	60	55	op, o, op	0.0	0.28	Manchester, to 9 p.m. ...	63	51	bc, o, r, bc	2.3	0.55
Worthing ...	*	*	*	5.7	*	Darwen, to 9 p.m. ...	63	47	bc, o, r, om	4.5	0.09
Brighton to 6 pm ...	*	*	*	10.2	*	Birmingham, to 9 p.m. ...	62	50	o, r, o	0.0	0.18

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

STATIONS. 29 th May. 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	75	54	o, o	Ins. o. 55	Tunis	81	63	f, f	—
Madrid	75	57	o, r	o. 63	Algiers	75	64	b, o	—
Vienna	75	59	c, c	—	Madeira (Funchal)	70	59	c, o	—
St. Petersburg	?	?	b, b	—					
Trieste	73	57	b, b	—					
Florence	80	57	b, b	—	28 th May. 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome	82	59	b, b	—					
Corsica (I. Sanguinaires) ...	86	64	m, m	—	Lugano	72	—	b	—
Naples	79	62	b, b	—	Davos	64	—	bc	—
Palermo	82	60	b, m	—	Lucerne	72	—	bc	—
Malta	69	65	?, f	—	Lausanne	68	—	b	o. 24

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	30 th May 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m.(West European)	8 a.m.	6 p.m.‡ (W.B.T.)	6 p.m.‡	Yarmouth	3.40	11.50	8.0
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.	Greenwich	3.52	11.57	8.2
France	7 a.m. (Paris)	6.51a.m.	6 p.m. (Paris)	5.51p.m.	Wick	3.20	12.9	8.58
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	4.32	12.38	8.44
Portugal	8 a.m. (Lisbon)	8.36a.m.	3.23p.m. (Lisbon)	4 p.m.				
Azores {	Point Delgada	6 a.m. (Local)	7.43a.m.	9 p.m. (Local)					10.43p.m.
	Horta	6 a.m. (Local)	7.55a.m.	9 p.m. (Local)				

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.

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.		Sea (0 to 9).	Weather.	Temp.		Sun-shine.	Rainfall.			
				At 32° and M.S.L.	Dry Bulb.		Dirac.	Force 10 to 12).	At 32° Fabr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.			Direc.	Force 10 to 12).			Max.	Min.	
Ins.	°				Ins.	Ins.	°	°	°								Hours.	Ins.				
1 st	Corunna.	29.69	54	WSW	4	0	29.93	+0.31	52	48	+2	W	1	0	5	—	57	45	—	0.24		
"	Lisbon.	29.99	51	WNW	4	0	30.08	+0.18	55	50	-2	NW	4	0	—	—	61	50	—	0.04		
"	P. Delgada.	30.28	57	Z	0	0	30.23	+0.08	60	59	+1	SW	4	0	3	—	63	55	—	—		
2 nd	Corunna.	30.00	55	W	3	0	29.78	-0.15	57	54	+5	SSW	3	0	6	—	59	—	—	0.16		
4 th	The Heider.	29.55	52	ENE	3	0	29.32	-0.27	55	54	+2	SE	2	0	1	—	61	50	—	—		
"	Corunna.	29.39	57	SSW	4	0	29.38	-0.08	55	52	0	W	7	0	7	—	61	48	—	0.24		
"	Lisbon.	29.75	55	WSW	5	0	29.78	+0.06	55	52	-3	WSW	4	0	—	—	61	52	—	0.16		
"	P. Delgada.	30.19	57	NW	1	0	30.21	+0.12	57	51	0	NNW	4	0	—	—	63	54	—	—		
5 th	Corunna.	29.53	58	W	5	0	29.62	+0.27	51	48	-4	SW	1	0	7	—	59	45	—	0.16		
"	P. Delgada.	30.23	57	NNW	4	0	30.21	0.00	55	48	-2	N	5	0	3	—	61	52	—	—		
6 th	Corunna.	29.58	54	W	3	0	29.66	+0.04	50	48	-1	SSW	3	0	3	—	59	45	—	0.12		
"	P. Delgada.	30.19	52	NNW	4	0	30.14	-0.07	53	47	-2	N	1	0	3	—	59	48	—	0.16		
7 th	Corunna.	29.74	57	SSW	3	0	29.74	+0.08	52	48	+2	S	5	0	6	—	57	46	—	0.16		
"	Lisbon.	29.90	54	WSW	3	0	29.87	+0.03	54	51	+2	SE	3	0	—	—	59	50	—	0.16		
"	P. Delgada.	30.25	55	NNW	4	0	30.26	+0.12	57	49	+4	N	4	0	3	—	59	52	—	—		
8 th	Corunna.	29.77	59	S	4	0	29.74	0.00	49	46	-3	SW	3	0	5	—	61	43	—	0.89		
"	Lisbon.	29.95	54	WSW	3	0	29.99	+0.12	56	51	+2	WSW	5	0	—	—	61	52	—	0.04		
"	P. Delgada.	30.30	55	NNW	3	0	30.25	-0.01	57	51	0	NNW	3	0	2	—	59	54	—	—		
9 th	Corunna.	29.78	50	WSW	3	0	29.75	+0.01	50	48	+1	S	3	0	5	—	57	45	—	0.28		
"	Lisbon.	29.93	55	SW	3	0	29.99	0.00	56	49	0	SW	5	0	—	—	59	52	—	0.20		
"	P. Delgada.	30.28	54	N	4	0	30.24	-0.01	55	49	-2	Z	0	0	—	—	63	52	—	—		
11 th	Corunna.	29.89	57	WNW	4	0	29.94	?	50	48	0	SW	3	0	6	—	57	43	—	0.12		
12 th	Corunna.	29.96	55	WNW	3	0	29.97	+0.03	49	48	-1	NW	1	0	4	—	57	43	—	0.35		
"	P. Delgada.	30.28	54	Z	0	0	30.30	+0.10	55	51	-1	ENE	4	0	3	—	61	52	—	—		
13 th	Corunna.	30.04	55	?	3	0	?	?	45	48	-4	N	1	0	3	—	55	29	—	0.12		
14 th	Corunna.	30.16	54	N	3	0	30.18	?	49	47	+4	NNW	2	0	3	—	55	43	—	—		
"	P. Delgada.	30.47	53	NNW	5	0	30.25	-0.05	57	52	0	NNW	4	0	2	—	61	52	—	0.08		
15 th	Corunna.	30.32	57	NNW	?	0	30.40	+0.12	55	52	+6	NNW	1	0	3	—	57	48	—	—		
"	P. Delgada.	30.33	61	ESE	3	0	30.40	+0.15	62	59	+5	SE	3	0	3	—	64	57	—	—		
16 th	Corunna.	30.47	58	NW	1	0	30.48	+0.03	50	47	-5	NW	1	0	5	—	59	43	—	—		
18 th	Corunna.	30.21	59	NW	3	0	30.12	-0.16	55	—	+1	WNW	1	0	3	—	63	48	—	—		
"	Lisbon.	30.12	57	NNW	3	0	30.07	-0.17	60	55	0	NNW	2	0	—	—	72	54	—	—		
"	P. Delgada.	30.01	61	W	4	0	29.99	-0.04	60	59	-2	Z	0	0	3	—	64	59	—	0.16		
20 th	Corunna.	29.92	59	WNW	3	0	30.12	?	55	54	?	NW	1	0	2	—	63	48	—	0.08		
21 st	Corunna.	30.14	59	N	1	0	30.12	0.00	55	50	0	N	1	0	2	—	61	48	—	—		
"	P. Delgada.	30.09	63	SSW	4	0	30.00	-0.10	63	61	+1	S	4	0	3	—	68	61	—	—		
22 nd	Corunna.	30.06	67	N	1	0	30.19	+0.07	59	57	+4	N	1	0	3	—	75	52	—	—		
"	P. Delgada.	30.06	63	Z	0	0	30.15	+0.18	62	59	-1	NNE	5	0	2	—	68	59	—	0.04		
23 rd	Corunna.	30.31	61	N	1	0	30.23	+0.04	59	55	0	NE	3	0	4	—	61	52	—	—		
25 th	Corunna.	30.09	63	NW	3	0	30.06	-0.04	61	57	-3	WNW	1	0	2	—	73	54	—	—		
"	P. Delgada.	30.26	64	Z	0	0	30.22	+0.06	62	61	-2	NW	2	0	2	—	70	61	—	0.04		
26 th	Corunna.	30.05	64	N	3	0	30.02	-0.04	63	60	+2	N	1	0	2	—	73	55	—	0.04		
"	Lisbon.	29.89	72	N	4	0	29.87	-0.08	68	65	-1	NE	2	0	—	—	82	66	—	—		
27 th	Corunna.	29.93	63	N	3	0	29.82	-0.20	61	59	-1	N	3	0	3	—	66	54	—	—		
"	Lisbon.	29.82	64	ESE	4	0	29.76	-0.11	65	63	-3	SW	2	0	—	—	81	64	—	1.38		
"	P. Delgada.	30.23	63	NE	4	0	30.17	-0.08	63	59	+1	NE	7	0	5	—	68	61	—	—		
28 th	Corunna.	29.75	63	N	4	0	29.79	-0.03	60	57	-2	N	2	0	5	—	66	54	—	—		
29 th	Corunna.	29.86	61	N	4	0	29.87	+0.08	55	54	-5	NW	3	0	3	—	63	50	—	—		
"	P. Delgada.	30.22	61	NE	4	0	30.25	+0.11	63	58	+1	NE	4	0	2	—	68	57	—	—		
30 th	Corunna.	29.87	65	WNW	1	0	29.91	+0.04	57	54	+2	W	1	0	3	—	61	50	—	0.16		
"	P. Delgada.	30.29	60	NE	4	0	30.29	+0.04	61	54	-2	NE	4	0	2	—	66	57	—	—		
31 st	Biarritz	29.89	61	W	1	0	29.88	+0.04	59	—	0	SW	1	0	3	—	61	57	—	0.24		

2. CORRECTIONS.

[illegible]