

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]	[26]*	[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, 90	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]*	[1895]	[19]*	[3.06]*	—	—
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	—	—	—

* 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).

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 Wednesday, 1st April, 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.	Sec. (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.)				Max.	Min.		
SCANDINAVIA.	Haparanda ...	30.06	23	N	4	8	30.12	+30	15	14	-5	N	2	8	*	-	34	15	*	-	
	Hernösand ...	30.06	30	N	2	8	30.14	+36	28	25	-3	Z	0	8	*	-	34	28	*	-	
	Stockholm ...	29.68	39	S	2	7	29.78	+11	32	32	-9	ENE	4	5	*	-	45	27	*	0.71	
	Wisby ...	29.74	37	Z	0	8	29.74	+07	35	34	-6	Z	0	0	*	-	45	34	*	0.16	
	Karlstad ...	29.79	37	NE	4	8c	29.95	+28	30	28	-9	NNE	2	0	*	8c, s	*	*	*	0.12	
	Færder (X'ania Fjord) ...	29.76	42	N	2	0	29.94	+33	33	32	-6	NNE	6	0	2	-	42	33	*	0.04	
	Bodö ...	30.12	34	N	4	8c	30.17	+24	35	29	+7	E	2	8	1	-	36	28	*	-	
	Christiansund ...	30.08	37	ENE	3	0	30.10	+28	37	34	+2	ENE	4	0	4	-	39	36	*	-	
	Skudesnaes ...	29.88	39	NNW	6	8	29.97	+22	36	34	-4	NE	2	8	1	c, 8	43	34	*	-	
BRITISH ISLANDS.	Sumburgh Head ...	30.08	41	NNE	2	8c	29.92	-01	40	38	-2	ESE	3	0	4	8c, c	45	36	*	0.03	
	Stornoway ...	30.00	45	SSE	3	0	29.78	-29	42	43	+4	SSW	4	7	4	0	46	41	0.2	0.07	
	Malin Head ...	30.07	49	S	3	0g	29.85	-29	45	44	0	SSW	3	8	3	8c, 0g	50	45	*	0.01	
	Blacksod Pt. ...	30.00	50	S	5	0m	29.93	-25	46	43	0	WNW	4	c	4	0, 0m	50	44	*	0.14	
	Valencia ...	30.06	50	SSE	4	0mg	30.03	-22	47	43	+1	WNW	3	c	4	0, 0mg	53	46	0.0	0.15	
	Roche's Point ...	30.16	49	S	3	0	29.99	-27	47	46	+4	NW	3	8	3	0, 7	52	42	*	0.13	
	Parsonstown ...	30.11	50	SSE	1	0	29.96	-29	46	44	+5	W	2	8	*	8c, 0	54	40	4.6	0.01	
	Donaghadee ...	30.14	50	SSW	3	c	29.89	-26	47	47	+1	SSW	1	0	1	-	52	44	*	0.05	
	Liverpool Obsy. ...	30.19	46	WNW	2	8c	29.96	-19	42	41	-4	S	2	7	?	8c, p	48	40	*	0.06	
	Holyhead ...	30.18	46	SW	1	cm	29.93	-26	47	47	+2	SSW	2	df	2	c, cm	51	44	*	0.10	
	Pembroke (St. Ann's) ...	30.22	47	WSW	4	c	29.98	-23	48	48	+2	SSW	4	df	4	-	49	44	1.8	0.11	
	Scilly (St. Mary's) ...	30.24	50	S	2	0	30.04	-25	50	50	+1	SW	2	of	5	c, 0	55	45	1.8	0.09	
GERMANY, &c.	Jersey (St. Aubins) ...	30.30	49	WNW	4	8c	30.15	-14	48	46	-1	SW	3	0g	3	8c	54	44	8.0	-	
	Portland Bill ...	30.23	49	WSW	1	8c	30.08	-13	47	47	+1	SW	1	p	1	8c	53	43	*	0.02	
	Dungeness ...	30.20	52	NNW	2	c9	30.08	00	47	46	0	W	3	c9	1	8c, c9	55	42	*	-	
	Wick ...	30.08	44	NW	3	8c	29.83	-20	42	40	-1	S	4	c	3	-	48	37	*	-	
	Nairn ...	30.08	47	E	1	c	29.83	-21	42	41	-1	Z	0	7	1	-	53	34	*	0.03	
	Aberdeen ...	30.12	44	NNE	3	8	29.93	-12	42	40	-2	SSE	4	0m	2	c, 8	49	34	6.4	-	
	Leith ...	30.10	46	E	1	c	29.90	-16	42	41	-6	Z	0	7m	*	-	57	38	*	0.01	
	North Shields ...	30.12	45	NE	2	c	29.94	-10	43	41	-3	SW	2	m	2	c	50	38	*	0.05	
	Spurn Head ...	30.15	46	N	2	8c	30.00	-02	43	42	-1	Z	0	m	2	-	50	40	*	-	
	Yarmouth ...	30.12	48	NW	4	8c	30.03	+07	43	41	-2	W	2	cm	3	8c	51	38	*	-	
	Loughborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	-	...	...	*	-
	Oxford ...	30.21	44	WNW	2	c	30.06	-09	43	41	-3	SSW	1	0	*	c	54	40	*	-	
	London (Brixton) ...	30.19	52	WNW	2	8c	30.05	-04	44	42	-3	WSW	2	0	*	8c, 0, 8	52	39	2.5	-	
FRANCE.	The Scaw (Skagen) ...	29.73	41	NNE	3	0	29.85	+21	36	34	-3	NE	4	0	1	-	43	36	*	0.12	
	Fanö ...	29.84	41	WNW	6	c	29.86	+12	41	40	-1	NW	2	c	*	-	46	39	*	-	
	Cuxhaven ...	29.92	44	NW	4	8c	29.88	+21	41	39	+1	NW	4	0	*	-	46	40	*	-	
	The Helder ...	30.06	45	NW	5	8c	29.99	+24	44	40	-1	NNW	3	8c	3	-	48	41	*	0.04	
	Brussels ...	...	*	*	*	*	30.08	+12	43	42	0	W	2	0	*	-	48	?	*	0.04
	Berlin ...	29.88	43	W	2	8	29.85	+05	42	40	0	W	3	0	*	-	50	37	*	-	
	Frankfurt ...	30.03	44	N	2	c	30.01	+12	42	39	+1	SW	2	0	*	-	45	39	*	0.08	
	Munich ...	30.04	37	W	5	c	30.07	+07	37	37	-3	W	6	c	*	-	45	36	*	0.12	
SPAN. PEN.	C. Gris Nez ...	30.16	47	NNW	3	8	30.08	+06	47	46	+4	WSW	3	c	3	-	52	43	*	-	
	Brest ...	30.32	50	W	2	c	30.15	-19	50	49	+2	SSW	2	0	2	-	54	48	*	-	
	Lorient ...	30.31	50	W	4	0	30.19	-16	48	46	0	WNW	2	0	2	-	55	43	*	-	
	Rochefort ...	30.30	51	NNW	4	c	30.21	-12	47	45	-3	S	2	0	*	0, c	55	41	*	-	
	Biarritz ...	30.38	55	N.	2	8	30.23	-20	44	43	-9	E	3	c	4	-	59	44	*	-	
	Paris ...	30.24	52	N	4	c	30.16	+02	40	39	-6	?SSW	1	c	*	-	57	37	*	-	
	Belfort ...	30.06	44	W	6	0	30.18	+08	35	34	+1	W	2	m	*	-	48	33	*	0.04	
	Lyons ...	30.23	45	NW	4	8c	30.23	-05	40	36	0	NNW	1	8	*	-	51	40	*	0.04	
Nice ...	29.87	55	NW	6	8	29.94	+01	48	36	-1	NE	4	8	2	-	68	43	*	-		
Perpignan ...	30.22	58	NW	3	8	30.19	-10	46	43	-9	SW	1	8c	*	-	65	41	*	-		
SPAN. PEN.	Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	-	...	...	*	-
	Lisbon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	-	...	...	*	-
	Azores (P. Delgada) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	-	...	...	*	-
SPAN. PEN.	„ (Horta) ...	30.40	53	NE	4	c	30.43	+35	52	45	-2	NE	5	8	3	-	61	50	*	-	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR WEDNESDAY, 1st APRIL, 1903.

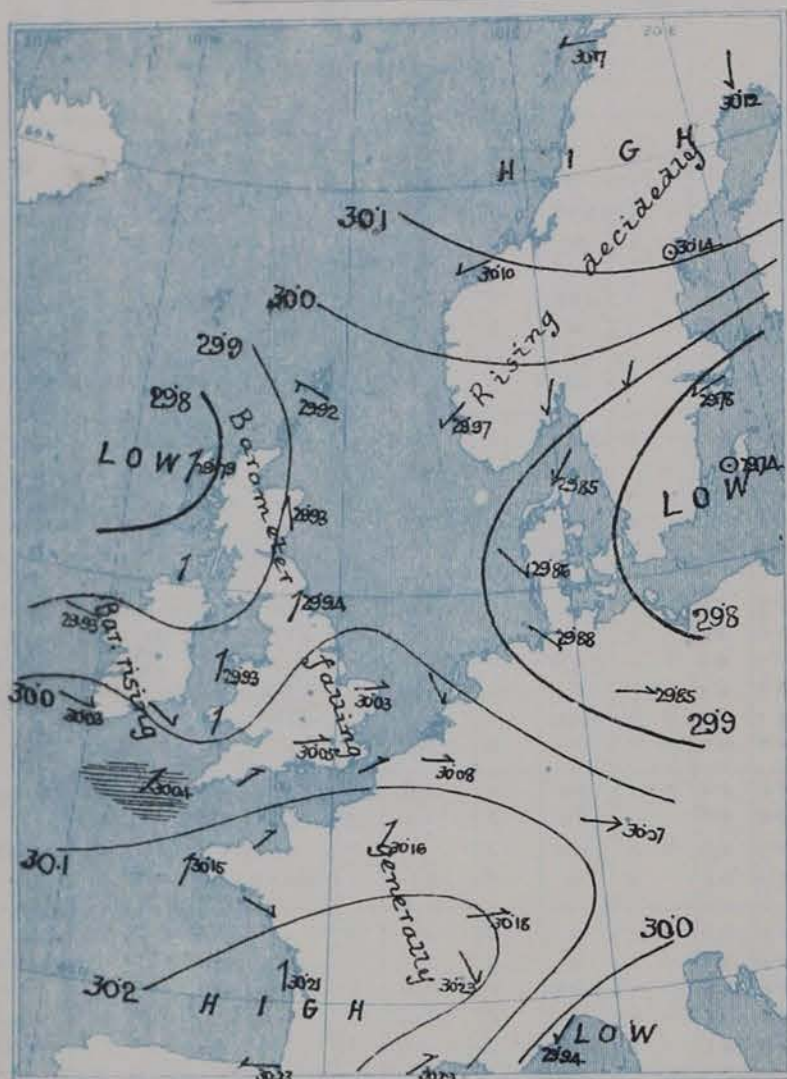
I. BAROMETER, WIND AND SEA. This Morning.

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

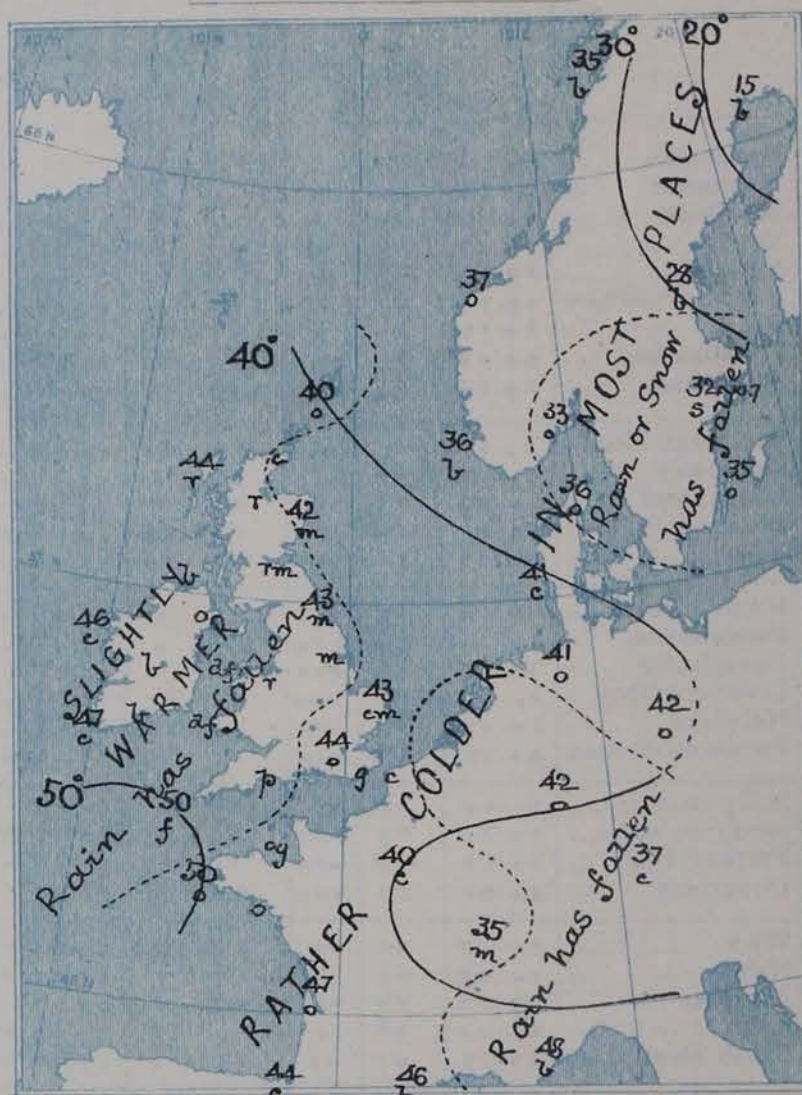


II. TEMPERATURE AND WEATHER. This Morning.

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 APRIL.

Specimen (for Stonoway) { Average No of } 5.2
Hours daily }
{ Total Possible } 14.2



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period
MARCH - APRIL (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The cyclonic disturbance noticed yesterday morning off our northern coasts has travelled across the North Sea and has become much shallower. The lowest readings, 29.7 ins. and less, are now found in two separate areas, — one lying over the south of Scandinavia, and the other (a smaller system) over the extreme northwest of Germany. In the rear of the disturbance the barometer is at present rising over the greater part of our Islands and France, but on our extreme southwest coasts the rise has ceased. The highest pressures, 30.4 ins. and upwards, are found over the southern part of the Bay of Biscay.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is Northwesterly over the greater part of the United Kingdom and France, and still blows strongly on our east and southeast coasts; in the south of Ireland however it has backed to the Southward. Southwesterly breezes are reported over Germany and the south of Sweden, but in the northern parts of Scandinavia the wind is Easterly or North-easterly. Temperature has risen slightly in these islands, and is a trifle above the average, the readings being above 45° in many parts of England and Ireland. At the continental stations the thermometer has fallen, the readings being below 45° in many places, below 40° in the east of France and below the freezing point in the northern part of Scandinavia; at Staparanda the reading is as low as 20°. The weather is fair over western Europe as a whole but is dull in the south of Ireland and also in the northern parts of France and Scandinavia; rain is falling at Brussels and snow at Relfort. The sea is rough over the coasts of France and Holland, and is rather rough on the west coasts of Great Britain, as well as at Christiansund. During yesterday the thermometer rose to 50° or slightly above it in many parts of England and Ireland. The amount of bright sunshine varied greatly in different places but was large at some of our east and south coast stations. Showers of rain or hail fell over north western Europe generally and lightning was seen at Dungeness at night.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cessation of the baric rise on our southwest coasts, accompanied as it is by a backing of the wind to South in the west of Ireland, indicates the advance of a new disturbance towards our western coasts. Southerly winds and rain are probable today in the west, and unsettled weather will probably extend over the whole Kingdom in the course of the ensuing 24 hours.

FORECASTS *

For the 24 hours ending at NOON on 1ST APRIL, 1903

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Light N.W. winds and fair weather, followed by freshening S.W. or S. winds and some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	N.W. winds, backing later to the S.W. and increasing in force; fair today, becoming rainy by tonight or tomorrow.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Wind backing to the S.W. or S. and increasing in force; fair at first some rain later.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S. winds, increasing in force; weather becoming dull and rainy again.
9	IRELAND NORTH	
10	IRELAND SOUTH	

WARNINGS

At 3.30 p.m. yesterday to Dists. 0, 6 and part of 1, "Horse North Cone". These signals have been lowered this morning, but the South Cone is still flying in Dists. 5 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.

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, r, b	52	37	6.1	0.10
Newton Reigny (Penrith)	29.53	41	w 3	c	30.07	+ .61	44	43	+ 2	w 3	b	*	cp, r, b	45	37	2.6	0.20
Bath	29.89	48	sw 8	b	30.18	+ .32	47	44	+ 1	?NE 1	b	*	-	52	44	5.7	0.01

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	41	b, c, p, b	3.6	0.19	Eastbourne	*	*	*	5.8	*
Rhyl	*	*	*	4.3	*	Hastings	*	*	*	4.6	*
Llandudno	*	*	*	1.7	*	Lowestoft, to 6 p.m. ...	53	41	r, l, b, c, o, g, o	7.3	0.06
Aberystwyth, to 6 p.m. ...	51	45	c, o	7.0	-	Harrogate, to 6 p.m. ...	49	38	o, r, b, c	4.0	0.30
Plymouth, to 9 p.m....	52	42	o, p, b, c, g	7.1	0.07	Manchester, to 9 p.m. ...	49	39	r, o, u, b, c	1.5	0.45
Worthing	*	*	*	6.0	*	Darwen, to 9 p.m. ...	46	35	o, r, l, g, b, c, m, u	1.1	0.48
Brighton	*	*	*	5.9	*	Birmingham, to 9 p.m. ...	50	38	b, c, p, b	5.8	0.37

STATIONS.		TEMPERATURE, F.		WEATHER.		RAIN.	STATIONS.		TEMPERATURE, F.		WEATHER.		RAIN.
30 March 1903.		Max. °	Min. °				Max. °	Min. °					
Utrecht ...	...	54	43	c	o	Ins.	Tunis ...	...	55	45	f	f	Ins.
Madrid ...	...	70	36	o	b	—	Algiers ...	...	64	52	o	b	—
Vienna ...	...	63	46	o	o	—	Madeira (Funchal) ...	...	66	50	c	o	—
St. Petersburg ...	...	48	34	b	o	—	29 March 1903. Information not yet received.						Measured 7 a.m.
Trieste ...	...	61	52	c	c	—							
Florence ...	...	65	52	o	o	—							
Rome ...	...	64	51	o	o	0.24							
Corsica (I. Sanguinaires) ...	...	61	46	f	f	—							
Naples ...	...	61	49	o	c	0.04	Lugano ...	...	—	—	—	—	—
Palermo ...	...	62	43	o	c	—	Davos ...	...	—	—	—	—	—
Malta ...	...	58	55	?	o	—	Lucerne ...	...	—	—	—	—	—
							Lausanne ...	...	—	—	—	—	—

* 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.	31. March 1908.	Sunrise G.M.T.	Neon 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	5.32	11.57	6.22
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.				
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.	Wick	5.45	12.16	6.48
Azores { Point Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.	Valencia	6.21	12.45	7.9
{ 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 Thursday, 2nd April, 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.		Weather.	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.)	Max.	Min.							
																			Ins.	°			Ins.	°
SCANDINAVIA.	Haparanda ...	29.99	25	SW	2	bc	29.98	-.14	18	16	+ 3	NNE	2	b	*	-	30	15	*	-		
	Hernösand ...	30.06	25	Z	0	0	30.02	-.12	23	22	- 5	Z	0	b	*	-	37	23	*	-		
	Stockholm ...	29.90	30	N	2	0	29.86	+.08	30	29	- 2	NNE	4	b	*	-	39	28	*	-		
	Wisby ...	29.80	32	NNE	6	0	29.76	+.02	31	29	- 4	NE	4	0	*	-	39	28	*	-		
	Karlstad ...	30.03	30	NNE	2	b	29.97	+.02	27	25	- 3	NE	2	b	*	5, b	*	*	?			
	Färder (X'ania Fjord) ...	30.00	32	NE	2	0	29.97	+.03	30	28	- 3	NE	4	b	1	-	34	28	*	-		
	Bodö ...	30.01	33	N	2	0	30.10	-.07	30	26	- 5	E	2	b	1	-	36	27	*	-		
	Christiansund ...	30.01	36	E	2	b	29.97	-.13	33	30	- 4	ESE	2	bc	3	-	41	30	*	-		
	Skudesnaes ...	29.97	41	WSW	2	c	29.95	-.02	38	34	+ 2	SW	6	0	3	b, c	45	36	*	-		
	Sumburgh Head ...	29.80	41	S	3	0	29.80	-.12	43	42	+ 3	NNE	1	0	4	0	43	39	*	0.33		
BRITISH ISLANDS.	Stornoway ...	29.79	45	W	4	0	29.92	+.14	36	35	- 8	WNW	2	bc	2	0, r, g, p	50	35	4.4	0.20		
	Malin Head ...	29.88	44	NW	5	cp	30.03	+.18	38	37	- 7	W	3	bc, p	3	a, cp	48	38	*	0.04		
	Blacksod Pt. ...	29.96	45	WNW	4	bc	30.09	+.16	45	41	- 1	WNW	3	bc	3	c, bc	50	37	*	0.02		
	Valencia ...	30.04	47	WNW	4	c	30.19	+.16	44	40	- 3	WNW	4	cp	4	c	51	40	5.6	0.06		
	Roche's Point ...	30.01	49	NNW	3	c	30.16	+.17	42	39	- 5	NW	3	b	2	c, g, c	51	37	*	-		
	Parsonstown ...	29.96	48	W	2	b	30.12	+.16	40	38	- 6	W	1	bc	*	bc	51	31	7.0	-		
	Donaghadee ...	29.90	48	NW	2	b	30.03	+.14	40	37	- 7	NW	2	b	2	-	53	35	*	0.02		
	Liverpool Obsy. ...	29.87	45	WNW	3	0	29.99	+.03	43	40	+ 1	NW	4	bc	3	omp, c	50	42	*	0.12		
	Holyhead ...	29.92	46	NW	3	cp	30.04	+.11	44	40	- 3	NNW	5	b	4	c, cp	50	40	*	0.09		
	Pembroke (St. Ann's) ...	29.95	48	NW	5	c	30.07	+.09	43	41	- 5	NNW	5	bc	4	-	49	41	2.7	0.03		
GERMANY, &c.	Scilly (St. Mary's) ...	30.02	49	WNW	5	c	30.11	+.07	46	43	- 4	NNW	5	c	5	c	55	41	3.7	0.02		
	Jersey (St. Aubins) ...	29.99	50	SW	2	of	30.01	-.14	48	44	0	NW	3	bc	3	of, r, g, p	51	45	0.0	0.18		
	Portland Bill ...	29.90	49	WNW	3	c	29.96	-.12	45	42	- 2	NW	4	bc	3	f, c	50	43	*	0.02		
	Dungeness ...	29.88	48	WSW	4	r	29.78	-.30	45	43	- 2	NNW	5	m	3	r, f	51	44	*	0.16		
	Wick ...	29.76	42	NW	3	r	29.87	+.04	39	38	- 3	NW	2	c	2	-	45	34	*	0.10		
	Nairn ...	29.79	46	W	2	c	29.92	+.09	40	38	- 2	WSW	2	c	1	-	52	34	*	0.04		
	Aberdeen ...	29.81	43	SSE	3	r	29.92	-.01	41	38	- 1	WNW	4	c	2	omd, r, f	43	39	0.0	0.16		
	Leith ...	29.82	48	Z	0	0	29.96	+.06	40	39	- 2	WNW	1	r, m	*	-	48	37	*	0.08		
	North Shields ...	29.79	48	SSW	1	om	29.90	-.04	42	40	- 1	NW	3	c	3	r, om	49	39	*	0.17		
	Spurn Head ...	29.82	45	SSW	2	m	29.83	-.17	42	41	- 1	NNW	3	r	3	m, r, f	46	40	*	0.30		
FRANCE.	Yarmouth ...	29.87	47	W	3	r	29.79	-.24	43	42	0	E	5	0, r	5	c, r	47	40	*	0.34		
	Loughborough ...	29.85	49	W	2	0	29.93	-.13	44	40	+ 1	NNW	3	c	*	ogd, p	52	41	*	0.09		
	Oxford ...	29.86	50	SW	1	0	29.86	-.19	43	40	- 1	NNW	4	0	*	omd, o	51	43	0.0	0.16		
	London (Brixton) ...	29.86	50	SW	1	0	29.86	-.19	43	40	- 1	NNW	4	0	*	-	-	-	-	-		
	The Scaw (Skagen) ...	29.93	34	E	4	0	29.92	+.07	32	29	- 4	E	3	0	1	-	37	30	*	0.04		
	Fanö ...	29.89	36	N	1	0	29.86	-.06	36	35	- 5	NNE	2	0	*	-	45	34	*	-		
	Cuxhaven ...	29.88	43	NW	3	c	29.82	-.06	38	36	- 3	NNE	2	0	*	-	45	37	*	-		
	The Helder ...	29.89	43	NNW	1	c	29.80	-.19	42	39	- 2	ENE	1	c	1	-	46	41	*	-		
	Brussels ...	*	*	*	*	*	29.69	-.39	44	44	+ 1	ENE	1	r	*	-	52	42	*	0.08		
	Berlin ...	29.82	41	WNW	3	c	29.77	-.08	39	37	- 3	WNW	2	c	*	-	48	36	*	0.04		
SPAN. PEN.	Frankfurt ...	29.92	40	W	2	b	29.82	-.19	37	36	- 5	SW	2	0	*	-	46	36	*	0.04		
	Munich ...	29.95	35	W	5	0	29.80	-.27	37	37	0	W	6	r	*	-	45	34	*	0.24		
	C. Gris Nez ...	29.89	46	SSW	3	f	29.73	-.35	45	45	- 2	WNW	5	0	4	-	48	45	*	0.28		
	Brest ...	30.02	46	N	4	f	30.07	-.08	46	44	- 4	N	4	c	4	-	52	46	*	0.12		
	Lorient ...	30.03	51	SW	3	0	30.05	-.14	45	43	- 3	NNW	5	b	2	-	55	45	*	0.12		
	Rochefort ...	30.04	52	NW	3	0	29.96	-.25	47	46	0	NNW	5	c	*	c, o	59	45	*	0.28		
	Biarritz ...	30.09	55	N	3	0	30.09	-.14	51	50	+ 7	NNW	5	0	1	-	63	44	*	0.28		
	Paris ...	30.00	48	W	2	0	29.81	-.35	47	45	+ 7	NW	3	0	*	-	55	40	*	0.16		
	Belfort ...	30.00	44	WSW	6	m	29.81	-.37	40	40	+ 5	WSW	2	f	*	-	50	?	*	-		
	Lyons ...	30.04	49	NE	1	0	29.88	-.35	43	41	+ 3	NNW	1	r	*	-	55	40	*	0.04		
Nice ...	29.85	51	Z	0	b	29.76	-.18	45	40	- 3	ENE	2	0	4	-	63	43	*	-			
Perpignan ...	29.96	61	NW	2	bc	29.89	-.30	48	44	+ 2	NW	2	r	*	-	72	45	*	0.04			
SPAN. PEN.	Corunna ...																	*	-			
	Lisbon ...																	*	-			
SPAN. PEN.	Azores (P. Delgada) ...	30.43	55	NE	4	0	30.38	-.01	55	54	+ 2	ENE	4	0	3	-	59	53	*	-		
	" (Horta) ...	30.45	56	ENE	4	0	30.42	-.01	54	49	+ 2	NE	4	c	2	-	59	52	*	-		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR *Thursday, 2nd April, 1903.*

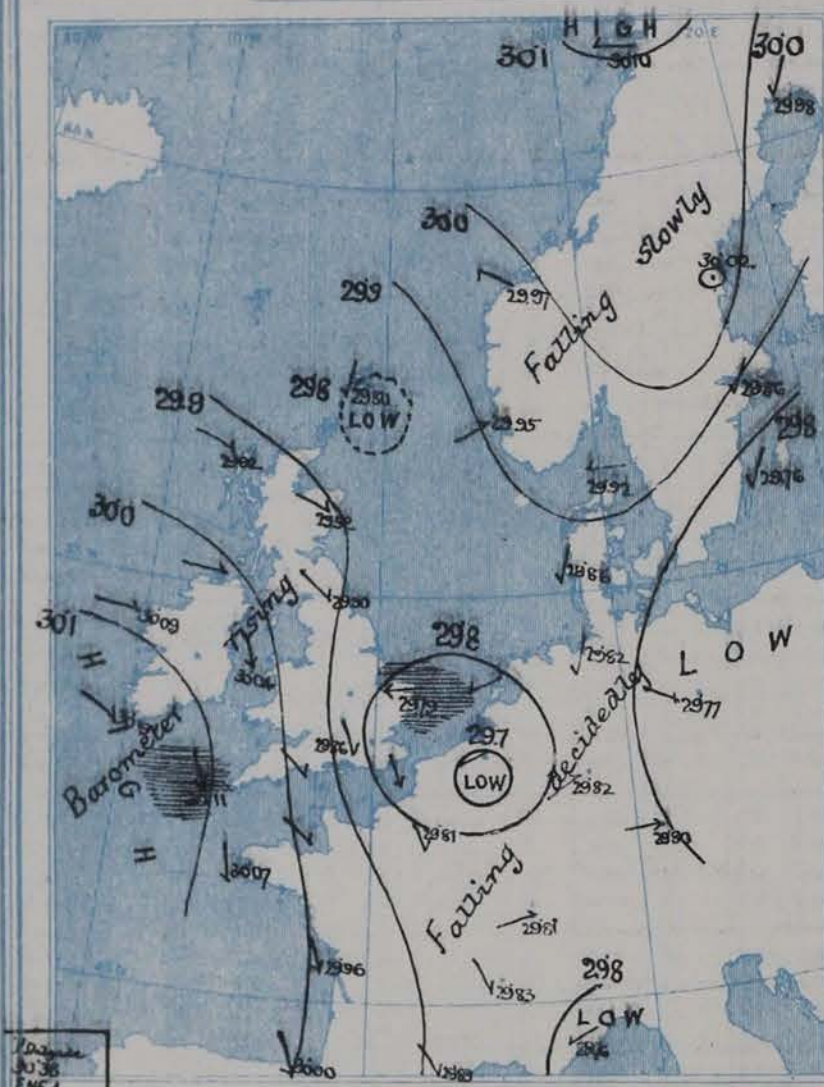
I. BAROMETER, WIND AND SEA. *This Morning.*

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

Specimen (for Stornoway) { Average No of Hours daily } 5.2
{ Total Possible } 14.2



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

MARCH - APRIL (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A new but very shallow cyclonic area has appeared off the northwest of Scotland, and the barometer is falling in most parts of Great Britain; in Ireland it is rising again in the rear of the disturbance. The highest readings, 30.2 inches and upwards, are reported over the western and central parts of France, but the anticyclone in that region is diminishing in intensity, while a new high pressure system with readings exceeding 30.1 inches is spreading over Scandinavia from the northward. The lowest readings, 29.8 inches and less, are found in the cyclonic system off the Scotch coasts, and also in another area, which is moving eastwards over the Baltic.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to moderate from the S^W or S^W over Great Britain and the north of France, with cloudy weather, and with rain at many of western and northern stations; fog prevails in the St. Georges and Bristol and at the mouth of the English Channel. In Ireland the wind has shifted to the W^W in the rear of the northern low pressure system, and the weather is fine. In France the wind is light and rather variable, but in other parts of the Continent a cyclonic circulation of light to moderate breezes is reported round the low pressure system over the Baltic, the weather being mostly cloudy but fine over the northern parts of Scandinavia and the extreme south of France. Temperature has risen a little at some of our western stations, but has fallen in most other parts of western Europe. Over the United Kingdom the readings differ but little from the average, the highest, 47° to 50°, being reported on our southwest coasts, and the lowest, 40° to 43°, over our northern, eastern and central districts. Frost prevails in Sweden, the lowest readings reported being 15° at Haparanda and 28° at Hernösand. The sea continues rather rough at the mouth of the Channel but is now moderate or slight elsewhere. During yesterday the thermometers rose to 50° and upwards in most parts of the United Kingdom, to 55° at Dungeness and to 57° at Leith. The amount of bright sunshine was large at some of our east and south coast stations, but smaller elsewhere. Slight rain fell in the west and north of our Islands, as well as at many of the Continental stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic system off the Scotch coasts is likely to pass away to the NW^W but a new disturbance will probably appear off the west of Scotland in the course of the ensuing 24 hours. The anticyclone over Scandinavia is spreading S^W, and a gradual shift of wind to SE or E is probable. Our northern districts are likely to experience this change in the course of today or tomorrow.

FORECASTS *

For the 24 hours ending at NOON on 2nd April.

1902.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND,
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

S^W to E^W winds, moderate; cloudy at first, with some rain, but improving later. Colder.

S^W to S^W or SE^W winds, light; cloudy generally, with slight rain in places. Rather cooler.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH


10 { IRELAND
SOUTH


W^W to S^W or S^W winds, moderate; fair at first, cloudy later, probably some rain.

Wind backing to the S^W or SE^W; fair at first, some rain later.

WARNINGS

at 7.5 pm. yesterday to district 10 and part of 9 "Hoist South Cone." At 9.50 am today, to same coasts "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. 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	*	*	*	*	*	*	*	*	*	*	c	*	bc	53	41	8.6	-
Newton Reigny (Penrith) ...	30.09	49	w 3	c	29.93	- .14	41	41	- 3	z 0	79	*	bc, or	53	36	7.0	0.04
Bath	30.21	49	s 2	b	30.03	- .15	44	43	- 3	sw 1	0	*	-	53	40	1.1	0.04

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	44	c, o, b	4.2	-	Eastbourne	*	*	*	5.1	*
Rhyl	*	*	*	1.8	*	Hastings	*	*	*	5.6	*
Llandudno	*	*	*	1.8	*	Lowestoft, to 6 p.m. ...	51	40	bc, c	7.4	0.11
Aberystwyth, to 6 p.m. ...	52	45	o, bc	6.5	-	Harrogate, to 6 p.m. ...	55	39	bc	8.3	-
Plymouth, to 9 p.m....	53	43	bc	1.4	-	Manchester, to 9 p.m. ...	52	42	o, c, bc, om	3.3	-
Worthing	*	*	*	6.2	*	Darwen, to 9 p.m. ...	52	36	bc, om, u	4.0	-
Brighton	*	*	*	4.3	*	Birmingham, to 9 p.m. ...	51	39	c, o	1.1	-

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

STATIONS. 31 st MARCH 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht... ..	50	37	bc, c	Ins. 0.32	Tunis	59	46	c, c	Ins.
Madrid	70	41	b, b	—	Algiers	68	54	c, c	—
Vienna	61	45	b, o	0.04	Madeira (Funchal) ...	72	50	b, b	—
St. Petersburg	43	37	c, o	0.04	30 th MARCH 1903.				Measured 7 a.m.
Trieste	66	42	c, o	—	1 p.m.				
Florence	68	51	b, o	—	Lugano	64	—	b	—
Rome	64	52	o, o	0.08	Davos	48	—	b	—
Corsica (I. Sanguinaires) ...	61	46	m, m	—	Lucerne	57	—	c	0.04
Naples	58	50	b, o	0.04	Lausanne	54	—	b	—
Palermo	62	49	o, f	—					
Malta	60	53	? 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.	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.

1 APRIL, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.30	11.57	6.24
Greenwich	5.38	12.4	6.30
Wick	5.42	12.16	6.50
Valencia	6.19	12.45	7.11

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 *Friday, 3rd April, 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.	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 ...	30.04	23	N	2	30.15	+ .17	17	15	- 1	NE	2	3	*	-	30	16	*	-
	Hernösand ...	30.03	26	Z	0	30.04	+ .02	22	21	- 1	N	2	0	*	-	32	18	*	-
	Stockholm ...	?	29	?	4	29.89	+ .03	27	25	- 3	NNW	4	3	*	-	34	25	*	-
	Wisby ...	29.82	32	NE	4	29.82	+ .06	30	29	- 1	NNE	6	3	*	-	36	27	*	-
	Karlstad ...	29.95	31	ENE	2	29.96	- .01	29	26	+ 2	NE	2	5	*	-	*	*	*	-
	Færder (X'ania Fjord)	29.93	37	NNE	1	29.93	- .04	33	31	+ 3	NNE	2	3	1	-	37	30	*	-
	Bodö ...	30.07	27	E	4	30.11	+ .01	24	21	- 6	E	4	3	1	-	32	21	*	-
BRITISH ISLANDS.	Christiansund ...	29.93	36	WNW	1	29.88	- .09	36	32	+ 3	SE	3	3	*	-	39	32	*	-
	Skudesnaes ...	29.97	38	SSW	2	29.90	- .05	39	38	+ 1	S	4	7	2	0.0	39	36	*	*
	Sumburgh Head	29.88	43	NW	1	29.67	- .13	43	41	0	S	4	3	5	3	46	35	*	-
	Stornoway ...	29.91	44	SSW	3	29.59	- .33	45	45	+ 9	SSW	7	0	7	3	49	36	9.0	0.02
	Malin Head ...	30.00	45	W	3	29.77	- .26	48	48	+ 10	SW	4	7	3	3	48	38	*	0.21
	Blackod Pt. ...	30.00	47	SSW	4	29.84	- .25	49	49	+ 4	SW	5	7	4	4	49	44	*	0.32
	Valencia ...	30.13	48	WSW	2	30.03	- .16	50	49	+ 6	WSW	3	9	5	0.7	50	44	1.9	0.25
GERMANY, &c.	Roche's Point ...	30.13	49	NNW	3	30.04	- .12	50	50	+ 8	WSW	1	0	2	3	51	41	*	0.10
	Parsonstown ...	30.09	46	W	3	29.94	- .18	49	48	+ 9	SW	3	0	*	3	50	39	7.1	0.16
	Donaghadee ...	30.05	45	NE	2	29.89	- .14	45	45	+ 5	SW	3	0	3	3	48	38	*	0.35
	Liverpool Obsy.	30.05	43	NW	4	30.02	+ .03	43	41	0	SSW	1	0	1	3	47	39	*	-
	Holyhead ...	30.07	44	WNW	2	29.98	- .06	45	45	+ 1	SW	3	0	2	3	48	40	*	0.02
	Pembroke (St. Ann's)	30.09	46	WNW	4	30.07	0.00	47	47	+ 4	WSW	4	0	4	4	48	42	7.9	0.03
	Scilly (St. Mary's)...	30.15	47	NW	5	30.12	+ .01	49	48	+ 3	W	4	0	5	3	50	43	7.5	0.01
FRANCE.	Jersey (St. Aubins)...	30.07	48	NW	3	30.17	+ .16	46	43	- 2	NW	1	0	1	3	52	43	8.0	0.03
	Portland Bill ...	30.02	47	NW	6	30.13	+ .17	44	41	- 1	NW	1	0	1	3	50	38	*	-
	Dungeness ...	29.93	43	N	4	30.11	+ .33	42	41	- 3	N	1	0	1	3	45	39	*	0.37
	Wick ...	29.91	45	Z	0	29.67	- .20	43	42	+ 4	S	3	0	2	3	49	37	*	0.02
	Nairn ...	29.93	46	Z	0	29.70	- .22	43	43	+ 3	Z	0	0	0	3	52	33	*	0.03
	Aberdeen ...	29.97	43	ENE	2	29.80	- .12	39	37	- 2	SSW	4	0	2	3	49	36	7.2	-
	Leith ...	29.96	46	WNW	1	29.81	- .15	44	41	+ 4	SSW	2	0	*	3	55	35	*	-
GERMANY, &c.	North Shields ...	29.96	45	NE	3	29.95	+ .05	40	38	- 2	SW	2	0	2	3	46	32	*	-
	Spurn Head ...	29.95	43	N	3	30.03	+ .20	41	40	- 1	W	2	0	2	3	45	37	*	0.16
	Yarmouth ...	29.87	42	NNE	4	30.04	+ .25	42	40	- 1	W	3	0	3	3	44	37	*	0.26
	Loughborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Oxford ...	30.04	43	NNW	2	30.13	+ .20	37	35	- 7	WSW	2	0	*	3	50	32	*	-
	London (Brixton)...	29.95	47	NNW	5	30.11	+ .25	39	37	- 4	WSW	1	0	*	3	47	39	0.0	0.11
	The Scaw (Skagen)	29.93	37	E	1	29.96	+ .04	35	31	+ 3	W	1	0	0	3	39	30	*	-
FRANCE.	Fanö ...	29.97	30	Z	0	30.02	+ .16	32	31	- 4	Z	0	0	*	3	41	28	*	-
	Cuxhaven ...	29.86	40	E	3	30.03	+ .21	37	34	- 1	N	3	0	*	3	45	36	*	-
	The Helder ...	29.87	41	NE	2	30.02	+ .22	43	39	+ 1	NE	1	0	1	3	45	39	*	-
	Brussels ...	...	*	*	*	30.08	+ .39	40	38	- 4	NNE	1	0	*	3	46	38	*	-
	Berlin ...	29.82	36	NNE	3	29.99	+ .22	35	32	- 4	NW	2	0	*	3	46	30	*	0.04
	Frankfurt ...	29.76	43	SW	2	29.94	+ .12	37	35	0	NE	2	0	*	3	46	36	*	-
	Munich ...	29.79	36	E	2	29.91	+ .11	35	35	- 2	E	3	0	*	3	37	35	*	0.32
FRANCE.	C. Gris Nez ...	29.89	43	NE	5	30.04	+ .31	43	41	- 2	N	3	0	4	3	46	41	*	0.47
	Brest ...	30.18	44	N	4	30.21	+ .14	48	46	+ 2	NNW	3	0	3	3	48	44	*	-
	Lorient ...	30.12	49	N	5	30.21	+ .16	46	45	+ 1	NW	3	0	3	3	55	43	*	-
	Rochefort ...	30.05	50	NW	5	30.17	+ .21	46	46	- 1	N	5	0	3	3	55	43	*	0.04
	Biarritz ...	30.19	51	NNW	4	30.27	+ .18	45	44	- 6	NW	1	0	5	3	54	45	*	0.12
	Paris ...	29.87	43	NNW	5	30.07	+ .26	41	39	- 6	N	3	0	*	3	53	37	*	0.04
	Belfort ...	29.84	44	WSW	4	29.91	+ .10	38	38	- 2	WSW	2	0	*	3	49	37	*	0.16
SPAN. PEN.	Lyons ...	29.95	41	WNW	1	29.98	+ .10	41	37	- 2	NW	3	0	*	3	48	37	*	0.32
	Nice ...	29.71	49	E	3	29.69	- .07	45	44	0	E	1	0	4	3	59	45	*	0.08
	Perpignan ...	29.95	51	NW	6	30.00	+ .11	47	41	- 1	NW	6	0	*	3	57	43	*	-
	Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lisbon ...	30.12	54	NNW	6	30.14	- .02	58	47	+ 3	NNE	5	0	3	3	63	50	*	-
	Azores (P. Delgada)	30.35	57	E	5	30.29	- .09	57	55	+ 2	ESE	5	0	4	3	61	55	*	-
	„ (Horta) ...	30.32	59	SE	3	30.26	- .16	58	57	+ 4	SE	5	0	3	3	63	54	*	-

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR *Friday, 3rd April, 1903.*

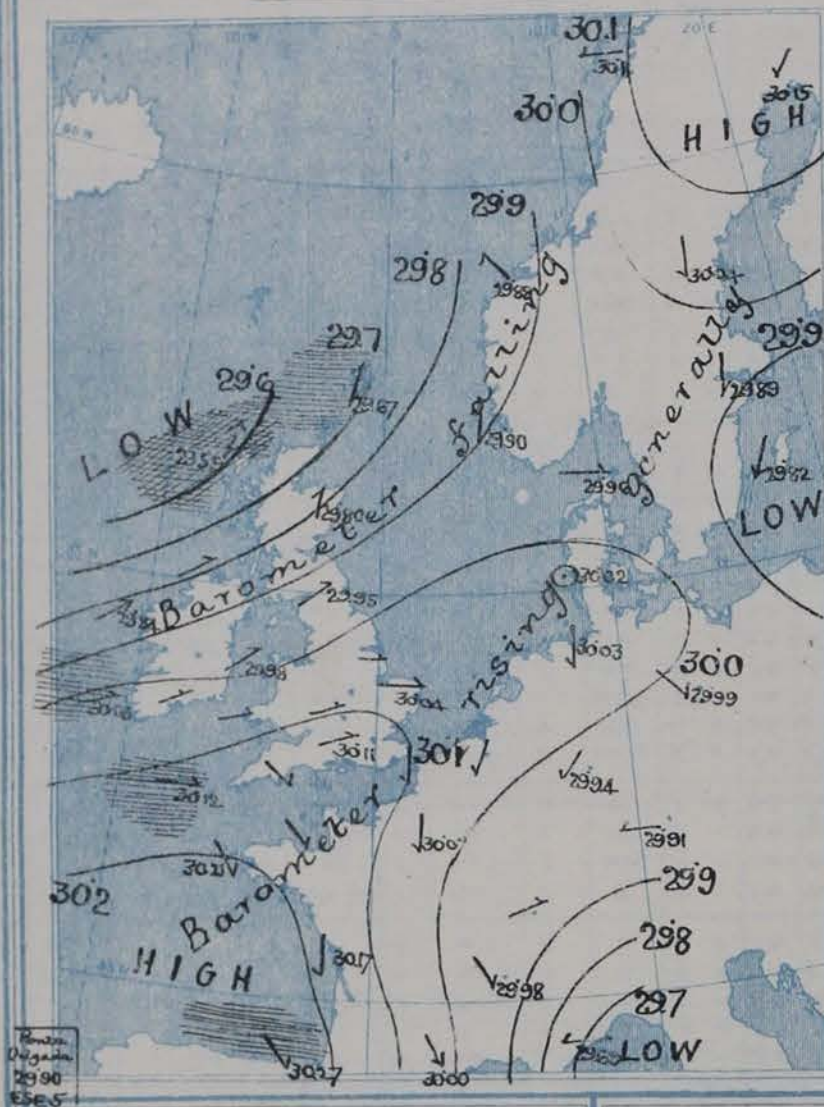
I. BAROMETER, WIND AND SEA. *This Morning.*

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

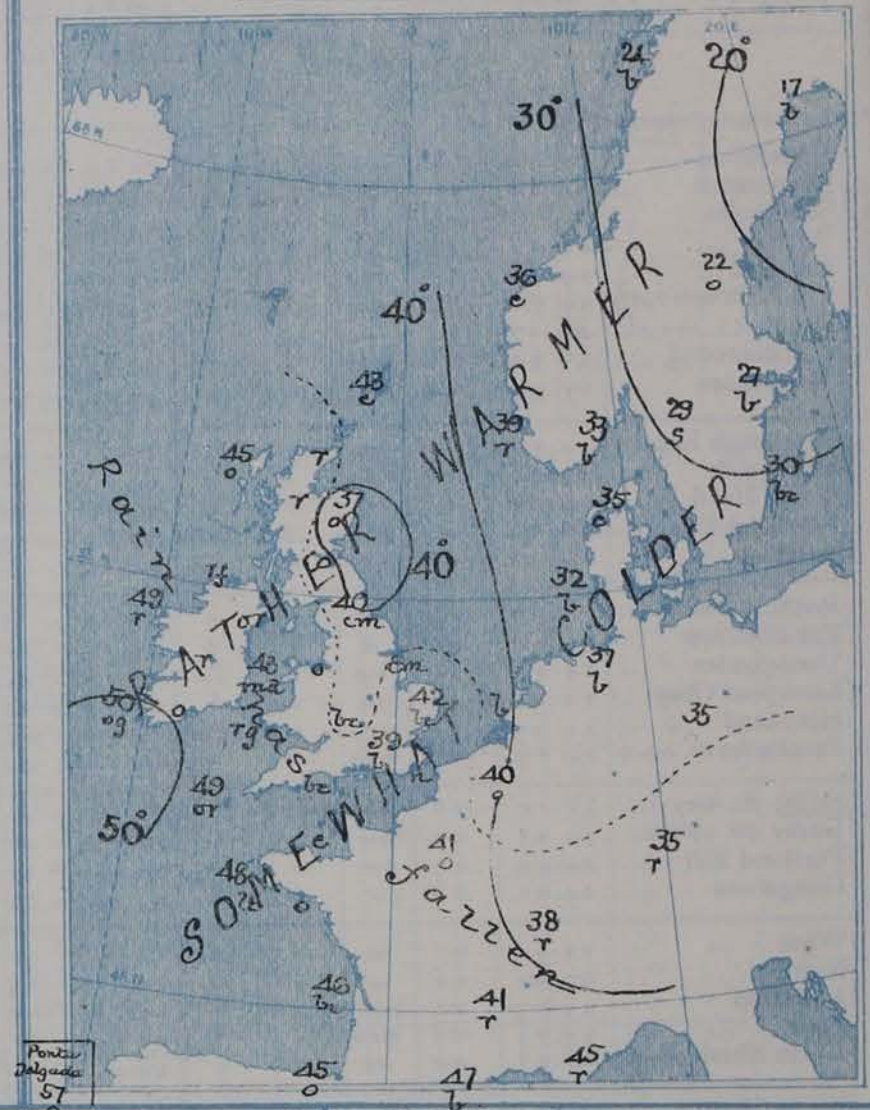


II. TEMPERATURE AND WEATHER. *This Morning.*

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.



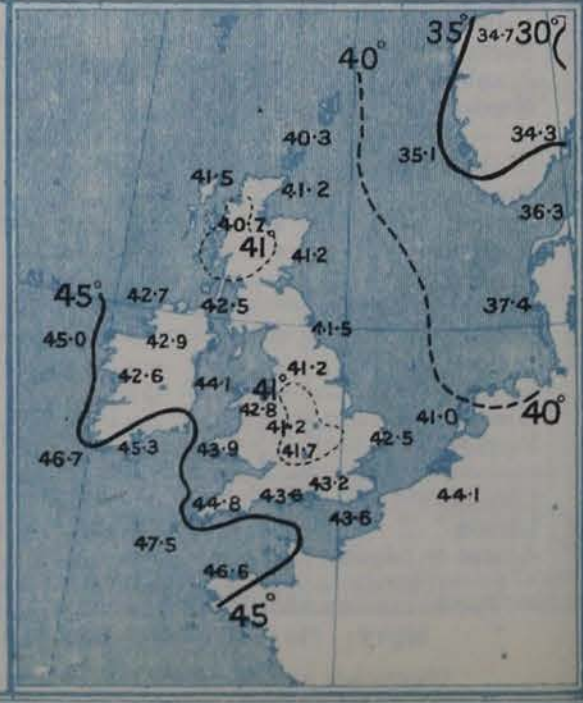
IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for APRIL.

Specimen (for Stornoway) { Average No of Hours daily } 5.2
Total Possible 14.2



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

MARCH-APRIL (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure is now rather complex. An anticyclone in which the barometer exceeds 30.1 inches, is spreading over our western district from the Atlantic, while another area of similarly high readings is still shown over the north of Scandinavia but is apparently giving way. The lowest pressures, 29.7 ins and less, are found in a small cyclonic system over Belgium, but two other low pressure areas, each with readings below 29.8 ins, are in existence, the one over Germany and the Baltic, and the other over the Gulf of Genoa. The barometer is at present rising in these Islands, but is falling at most of the continental stations.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light from the Wnd over Ireland and Scotland but is moderate to fresh from the NWnd over the greater part of England and France. In the Netherlands and on the Norfolk coast it is E^{ly}, and at Yarmouth it blows freshly. NE^{ly} breezes are general over Sweden and Denmark, but W^{ly} or NW^{ly} winds in Germany. Temperature has fallen at all but the French stations, and is now below the average in Ireland and Scotland, the readings in the extreme north of those countries being slightly below 40°. Over England the readings agree very closely with the normal, the thermometer being below 45° in most places, but just touching that point on our south coasts, and slightly exceeding it in the Scilly and Channel Islands. In Denmark and Germany the thermometer is below 40°, while in Scandinavia it is below the freezing point, the lowest reading reported being 18° at Haparanda. The weather is fine at most of our own western stations, and also in the northwest of France and in Scandinavia. Elsewhere the sky is cloudy or overcast, with rain on our east coasts, as well as at Brussels and at some of the southern stations in France and Germany. The sea is slight or smooth generally, but rather rough at Scilly and Yarmouth.

During yesterday the thermometer rose to 50° or slightly above it in many parts of the United Kingdom; in the south of France it exceeded 60°, and at Perpignan it rose to 72°. The amount of bright sunshine over Great Britain was small (in many places there was none) and rain fell in all parts of our Islands excepting the south of Ireland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The small cyclonic disturbance over Belgium is likely to pass away to the Erd or SErd. The anticyclone in the west will probably continue to spread eastwards, and a gradual improvement in the weather is anticipated over England with lower temperatures than of late, and night frosts at many of the inland stations.

FORECASTS *

For the 24 hours ending at NOON on 3RD APRIL 1903

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	W ^{ly} winds, light; fair, cold.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	NW ^{ly} winds, moderate; cloudy, showery
3	{ ENGLAND EAST	NW ^{ly} and N ^{ly} winds, fresh or strong at first, with some rain, moderating later and weather becoming fair. Colder.
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.	NW ^{ly} to W ^{ly} winds, moderate; fair, cold.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	W ^{ly} to SW ^{ly} winds, light or moderate; changeable, 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	*	*	*	*	*	*	*	*	*	*	r	*	c, r	51	44	2.5	0.34	
Newton Reigny (Penrith)	29.83	44	NW 2	o	29.94	+ 1	38	37	- 3	NW 4	r	*	ogmd	46	36	0.0	0.08	
Bath	29.87	50	W 2	z	29.97	- 6	45	41	+ 1	N 2	z	*	-	55	40	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.	49	38	od, o	0.0	0.17	Eastbourne	*	*	*	0.0	*
Rhyl	*	*	*	6.5	*	Hastings	*	*	*	0.0	*
Llandudno	*	*	*	1.6	*	Lowestoft, to 6 p.m. ...	49	39	oc, or	0.0	0.06
Aberystwyth, to 6 p.m. ...	51	45	oc	2.0	0.05	Harrogate, to 6 p.m. ...	48	34	z, or, f	0.0	0.07
Plymouth, to 9 p.m.	52	43	od, zc	0.4	0.09	Manchester, to 9 p.m. ...	48	38	or	0.0	0.12
Worthing	*	*	*	0.2	*	Darwen, to 9 p.m. ...	47	36	od, om	0.0	0.18
Brighton	*	*	*	0.0	*	Birmingham, to 9 p.m. ...	50	39	d, p, c	0.0	0.16

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

STATIONS. 1 st APRIL 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht	48	34	c, bc	Ins.	Tunis	61	48	c, c	Ins.
Madrid	70	32	bc, bc	—	Algiers	68	54	b, b	—
Vienna	54	30	c, c	—	Madeira (Funchal) ...	70	57	b, o	—
St. Petersburg	41	30	r, s.	0.24	31 st MARCH 1903.				Measured 7 a.m.
Trieste	54	43	o, o	0.30	Lugano	57	—	b	—
Florence	60	30	b, b	1.02	Davos	31	—	c	0.04
Rome	59	44	bc, c	0.04	Lucerne	46	—	c	0.28
Corsica (I. Sanguinaires) ...	61	48	f, m	—	Lausanne	43	—	o	0.08
Naples	56	44	b, bc	0.20					
Palermo	70	43	c, o	0.32					
Malta	61	36	? 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.

2 nd APRIL 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.28	11.57	6.26
Greenwich	5.36	12.4	6.32
Wick	5.40	12.16	6.52
Valencia	6.17	12.45	7.13

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, 4th April, 1903.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.		Weather.		BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)		Temp.		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.	Ins.	°												
SCANDINAVIA.	Haparanda ...	30.07	16	NW	2	3	29.88	-.27	15	14	- 2	NE	2	0	*	-	27	12	*	-	-
	Hernösand ...	30.00	24	NE	2	3	29.76	-.28	19	18	- 3	Z	0	3	*	-	32	19	*	-	-
	Stockholm ...	29.88	25	WNW	2	0	29.75	-.14	27	25	0	W	2	0	*	-	32	23	*	0.04	-
	Wisby ...	29.89	30	N	4	3	29.78	-.04	30	26	0	NNW	2	3	*	-	34	25	*	-	-
	Karlstad ...	29.94	29	NE	2	3c	29.69	-.27	29	27	0	SE	4	0	*	-	*	*	*	-	-
	Færder (X'ania Fjord) ...	29.87	36	ESE	1	0	29.52	-.41	35	35	+ 2	SSE	4	7	3	-	39	32	*	0.16	-
	Bodö ...	29.93	28	E	2	3	29.68	-.43	22	18	- 2	ESE	8	3	2	-	30	21	*	-	-
	Christiansund ...	29.67	37	SSE	2	0	29.32	-.56	35	34	- 1	SSE	3	7	3	-	43	35	*	0.08	-
	Skudesnaes ...	29.76	41	S	4	7	29.28	-.62	40	40	+ 1	S	6	7	4	3,7	45	37	*	-	-
BRITISH ISLANDS.	Sumburgh Head	29.39	45	SW	4	7	29.17	-.50	39	39	- 4	W	3	7	4	7	46	39	*	0.28	-
	Stornoway ...	29.49	49	W	4	0	29.44	-.15	40	38	- 5	NW	5	7	5	rm, 0	52	38	0.0	0.16	-
	Malin Head ...	29.66	48	W	6	fr	29.66	-.11	44	40	- 4	NW	6	8p	5	f, fr	49	42	*	0.34	-
	Blacksod Pt. ...	29.77	49	SW	6	rm	29.82	-.02	45	43	- 4	NW	5	8cm	4	rm	50	44	*	0.24	-
	Valencia ...	29.99	51	SW	4	om	29.89	-.14	51	50	+ 1	WSW	6	omd	6	om	53	50	0.0	0.05	-
	Roche's Point ...	29.98	52	W	3	0	29.89	-.15	52	51	+ 2	W	4	0	3	0	54	49	*	0.01	-
	Parsonstown ...	29.89	50	SW	2	7	29.80	-.14	47	46	- 2	WNW	1	or	*	or	52	46	0.0	0.09	-
	Donaghadee ...	29.74	53	SW	3	c	29.67	-.22	46	44	+ 1	NNW	3	0	3	-	54	38	*	0.05	-
	Liverpool Obsy. ...	29.88	49	W	2	7	29.68	-.34	51	48	+ 2	WSW	7	0	5	or	51	43	*	0.14	-
	Holyhead ...	29.88	48	SW	3	rfg	29.73	-.25	49	48	+ 4	WSW	4	dm	3	rfg	49	44	*	0.24	-
	Pembroke (St. Ann's) ...	30.00	49	WSW	5	0	29.86	-.21	49	48	+ 2	W	6	mp	5	om	50	47	0.0	0.02	-
	Scilly (St. Mary's) ...	30.14	51	WSW	4	0	30.04	-.08	50	48	+ 1	W	5	0	5	c, 0	52	47	5.9	-	-
GERMANY, &c.	Jersey (St. Aubins) ...	30.13	49	WSW	3	og	30.11	-.06	49	48	+ 3	WSW	4	om	3	0, og	52	46	2.8	0.02	-
	Portland Bill ...	30.09	49	SW	3	cp	29.98	-.15	49	47	+ 5	W	4	c	3	c, cp	51	44	*	0.01	-
	Dungeness ...	30.08	47	WSW	4	3c	29.92	-.19	49	48	+ 7	W	6	0	4	3, 3c, 9	51	42	*	0.02	-
	Wick ...	29.46	47	NW	2	0	29.32	-.35	38	36	- 5	NW	4	cp	2	-	50	34	*	0.12	-
	Nairn ...	29.51	50	W	2	0	29.42	-.28	43	40	0	WSW	3	3c	2	-	55	39	*	0.08	-
	Aberdeen ...	29.57	49	SW	3	rm	29.39	-.41	44	40	+ 5	WNW	6	3g	2	dm, rm	50	39	0.0	0.13	-
	Leith ...	29.64	53	SW	3	7	29.50	-.31	50	45	+ 6	WNW	3	3c	*	-	55	43	*	0.01	-
	North Shields ...	29.75	51	SW	2	7	29.50	-.45	51	48	+ 11	WSW	3	cp	2	ou, 7	52	38	*	0.04	-
	Spurn Head ...	29.86	48	SSW	3	c	29.62	-.41	50	48	+ 9	SW	5	c	3	-	53	40	*	0.12	-
	Yarmouth ...	29.99	51	WSW	3	c	29.73	-.31	50	47	+ 8	W	5	c	3	c	52	39	*	0.12	-
	Loughborough ...																				
	Oxford ...	30.01	49	SSW	3	0	29.85	-.28	50	48	+ 13	W	3	0	*	3c, op	51	37	*	0.04	-
	London (Brixton) ...	30.03	49	SW	4	om	29.85	-.26	49	47	+ 10	W	4	od	*	c, or	55	39	2.8	0.08	-
FRANCE.	The Scaw (Skagen) ...	29.88	36	Z	0	7	29.54	-.42	36	36	+ 1	S	4	7	1	-	41	34	*	0.39	-
	Fanö ...	29.99	38	SSW	2	c	29.52	-.50	43	43	+ 11	SSW	5	7	*	-	43	32	*	0.28	-
	Cuxhaven ...	30.06	39	X	0	3c	29.71	-.32	39	39	+ 2	SSW	5	7	*	-	41	36	*	0.20	-
	The Helder ...	30.03	43	WSW	2	3	29.70	-.32	48	47	+ 5	SW	6	0	4	-	48	43	*	0.16	-
	Brussels ...	*	*	*	*	*	29.97	-.11	44	43	+ 4	SW	4	7	*	-	48	38	*	0.08	-
	Berlin ...	30.06	40	X	0	3c	29.96	-.03	39	36	+ 4	W	2	0	*	-	45	30	*	-	-
	Frankfurt ...	30.08	44	NE	2	3c	30.10	+ .16	34	33	- 3	SW	2	3	*	-	50	32	*	-	-
	Munich ...	30.10	38	Z	0	c	30.16	+ .25	37	36	+ 2	W	5	3c	*	-	46	34	*	0.08	-
	C. Gris Nez ...	30.09	46	WSW	3	3	29.93	-.11	48	48	+ 5	SW	6	0	5	-	48	43	*	0.08	-
	Brest ...	30.22	53	SW	2	3c	30.17	-.04	50	49	+ 2	W	3	c	4	-	55	48	*	-	-
	Lorient ...	30.22	51	W	3	c	30.19	-.02	50	49	+ 4	W	3	0	2	-	54	43	*	-	-
	Rochefort ...	30.20	51	NW	4	c	30.24	+ .07	50	49	+ 4	NNW	3	c	*	0	54	43	*	-	-
SPAN. PEN.	Biarritz ...	30.29	52	N	4	3c	30.35	+ .08	45	45	0	Z	0	3	4	-	52	41	*	0.08	-
	Paris ...	30.18	47	N	2	3	30.15	+ .08	42	41	+ 1	SW	2	7	*	-	50	36	*	-	-
	Belfort ...	30.08	42	SW	3	f	30.21	+ .30	34	34	- 4	WSW	3	f	*	-	44	33	*	-	-
	Lyons ...	30.16	40	NNW	2	7	30.27	+ .29	41	40	0	NW	2	3	*	-	41	39	*	0.04	-
	Nice ...	29.80	49	SW	2	0	29.95	+ .26	55	44	+ 10	NE	3	3	*	-	57	45	*	0.04	-
	Perpignan ...	30.07	50	NW	5	3	30.22	+ .22	50	43	+ 3	NW	3	3	*	-	56	47	*	-	-
	Corunna ...																				
	Lisbon ...																				
	Azores (P. Delgada) ...	30.30	59	ESE	4	0	30.26	-.03	58	56	+ 1	SSE	5	c	4	-	64	57	*	-	-
	" (Horta) ...	30.23	60	SE	5	0	30.17	-.09	60	59	+ 2	SSE	4	f	3	-	61	58	*	0.08	-

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR SATURDAY, 4TH APRIL, 1903.

I. BAROMETER, WIND AND SEA, This Morning.

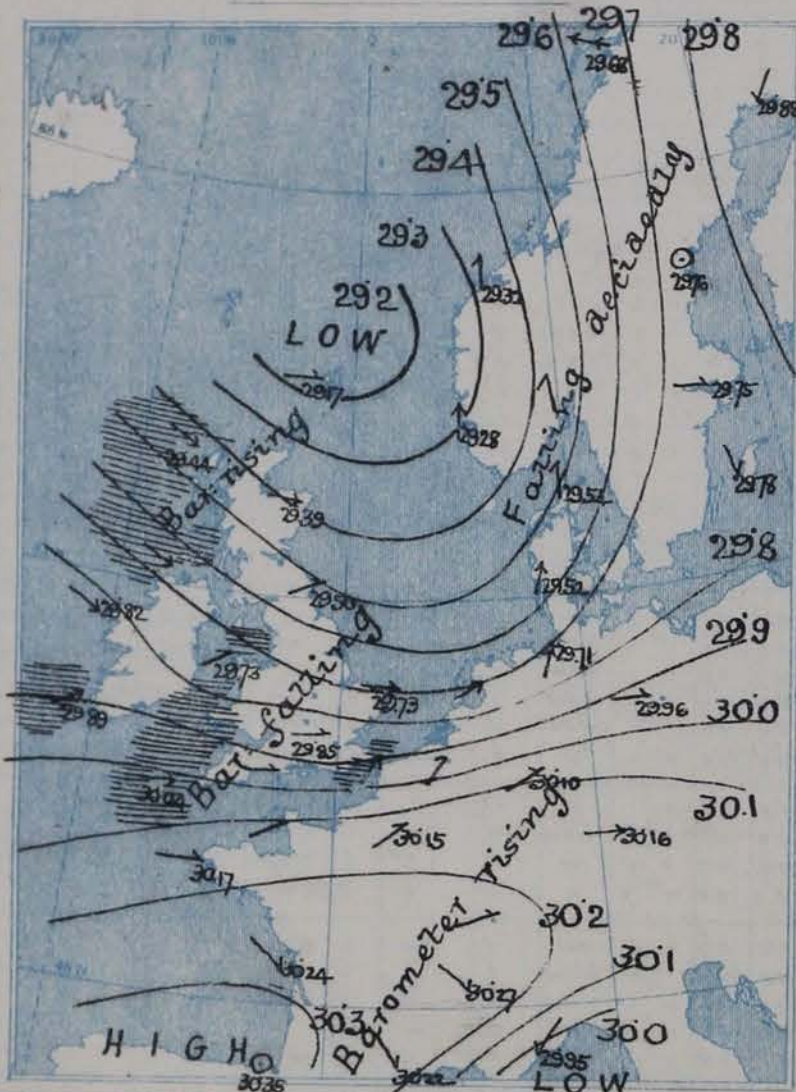
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

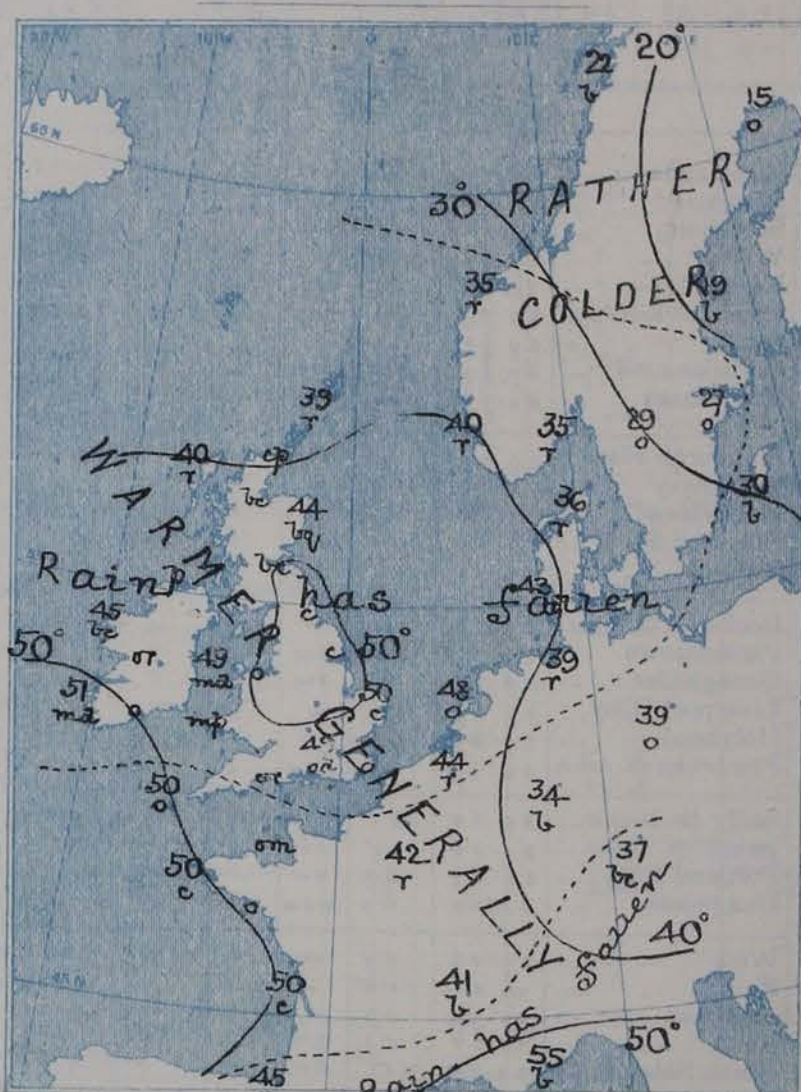


II. TEMPERATURE AND WEATHER. This Morning.

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.

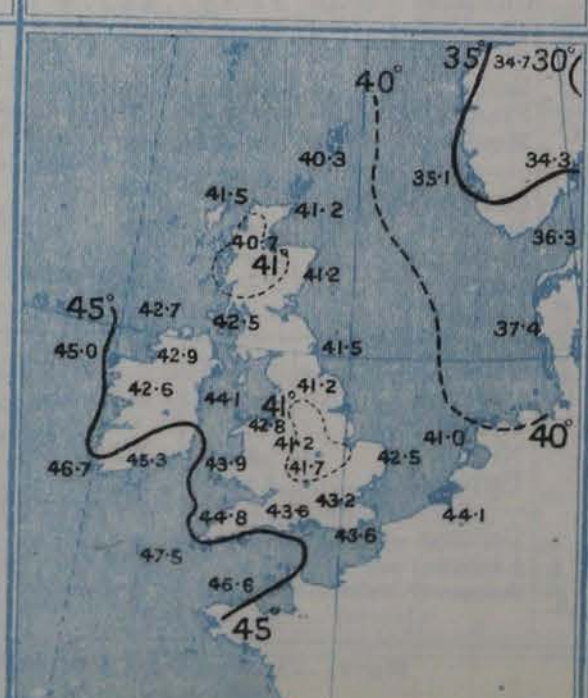


IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for APRIL.

Specimen (for Stornoway) { Average No of } 5.2
Hours daily }
Total Possible } 14.2



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is highest, 30.2 ins. and upwards, over the Bay of Biscay, but is somewhat high, 30.0 ins. and upwards, over nearly the whole of England, France and the south of Ireland, and also in a ridge extending over the Netherlands and the southern part of the North Sea; a second high pressure system is reported over the north of Scandinavia. The lowest readings, 29.6 ins. and less, are found in a cyclonic system which has appeared off the northwest of Scotland, and under the influence of this disturbance the barometer is falling in all the more western and northern parts of the United Kingdom.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has backed to the SW^{wd} on all our western and northern coasts, and has increased to a moderate gale in the Hebrides, the change being accompanied by a general rise of temperature in those regions, with rain and mist at our western stations, as well as in the north of Scotland. In the western parts of the Kingdom generally the thermometer now exceeds 45°, and in the south of Ireland it touches 50°, the readings being above the average for the time of year. In the east and south of England the wind is light from the W^{wd} or NW^{wd} and the weather fine and cool, the thermometer at the inland stations being slightly below 40°. Over France, Germany and the Netherlands the wind varies between N and NW and the weather is cloudy, with rain at the southern stations, the thermometer at Berlin and Munich being as low as 35°. N^{ly} breezes prevail in Sweden, but SE^{ly} breezes in the west of Norway; frost is still reported over the greater part of Scandinavia. The sea is high at Stormoway and rather rough on our southwestern, western and extreme northern coasts generally.

On the east and southeast coasts of England, where the weather was dull and rainy, the thermometer yesterday did not rise above 45°; in many other parts of the Kingdom it slightly exceeded 50°, and at Leith it reached 55°. Frost occurred last night over Eastern and central England; in London the thermometer on the grass fell to 26°. Considerable amounts of bright sunshine were recorded yesterday in the west and north, the largest reported being 10.4 hours at Southport.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance off the northwest of Scotland will probably move away to the N^{wd}, but is likely to be followed by other low pressure systems advancing from the Atlantic. Freshening SW^{ly} winds are anticipated in the west and north, and in the course of the day, the rainy weather now prevailing in the west and north will probably spread to our eastern and southern districts.

FORECASTS *

For the 24 hours ending at NOON on 4th April.

1903

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	SW ^{ly} winds, strong in places; dull, rainy, milder.
1	SCOTLAND EAST	SW ^{ly} winds, moderate or fresh; dull, some rain. Becoming milder.
2	ENGLAND N.E.	
3	ENGLAND EAST	W ^{ly} to SW ^{ly} winds, light or moderate; fair and cool at first, rainy later and milder.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	



DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	SW ^{ly} winds, freshening; unsettled, rain at times, milder.
7	ENGLAND N.W.	
8	ENGLAND S.W.	W ^{ly} to SW ^{ly} winds, freshening; unsettled, rain at times, milder.
9	IRELAND NORTH	Same as Nos 6 and 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	"	"	"	"	"	"	"	"	"	"	8	"	r	45	39	0.0	0.36	
Newton Reigny (Penrith)	29.95	42	NW 2	c	29.93	- .01	41	39	+ 3	SE 1	0	"	cop	49	30	3.2	0.07	
Bath	30.03	43	NW 3	bc	30.11	+ .14	38	36	- 7	NW 1	8	"	-	52	30	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....	48	41	3	10.4	—	Eastbourne	48	40	3	0.0	—
Rhyl	48	41	3	8.8	—	Hastings	48	40	3	0.0	—
Llandudno	48	41	3	9.3	—	Lowestoft, to 6 p.m. ...	44	40	0.1	0.0	0.47
Aberystwyth, to 6 p.m. ...	47	42	0, 3c	8.0	—	Harrogate, to 6 p.m. ...	47	37	0.0	3.7	0.11
Plymouth, to 9 p.m....	49	41	1, 3c	7.7	0.03	Manchester, to 9 p.m. ...	47	39	1, 3c	3.8	0.01
Worthing	48	41	3	0.6	—	Darwen, to 9 p.m. ...	45	35	3c, 2p, 3m	6.5	—
Brighton	48	41	3	0.0	—	Birmingham, to 9 p.m. ...	48	39	3, c	7.8	—

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

STATIONS. 2..A.P.RIL 1903.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °		
Utrecht... ..	52	37	c. o	Ins.—
Madrid	77	48	σ. c	—
Vienna	50	36	b. b	0·04
St. Petersburg	39	27	s. s.	0·28
Trieste	54	39	b. o	—
Florence	61	38	b. o	—
Rome	57	38	b. bc	—
Corsica (I. Sanguinaires) ...	63	46	m. f.	—
Naples	57	45	b. b	—
Palermo	60	45	c. c	—
Malta	60	53	? c	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.	3.A.P.R.14.1903.	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	5.26	11.57	6.28				
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	5.34	12.4	6.34
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.					Wick	5.38	12.16	6.54
Spain	8 a.m.(West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.					Valencia	6.15	12.15	7.15
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, 8d.

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 I.

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

DAILY WEATHER REPORT

for 8 a.m. on Sunday, 5th April.

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.			
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.	Sun- shine, — Hours.	Rainfall. — Ins.
	Ins.	°					Ins.	Ins.	°											
SCANDINAVIA.	Haparanda ...	29.54	16	E	4	0	29.55	-33	24	23	+9	Z	0	0	*	—	24	5	*	0.12
	Hernösand ...	29.30	23	Z	0	0	29.49	-27	23	22	+4	N	1	0	*	—	27	16	*	—
	Stockholm ...	29.28	32	ESE	6	S	29.10	-65	34	33	+7	E	6	+	*	—	36	23	*	0.32
	Wisby ...	29.25	34	S	2	S	29.16	-62	38	34	+8	Z	0	0	*	—	38	25	*	0.20
	Karlstad ...	29.18	30	E	6	S	29.18	-51	29	28	0	NNE	4	3	*	—	*	*	*	0.35
	Färder (X'ania Fjord)	29.11	34	NNE	4	+	29.28	-24	31	29	-4	N	6	0	3	—	36	30	*	0.35
	Bodö ...	29.40	25	E	8	0	29.43	-25	24	20	+2	E	6	0	2	—	25	21	*	—
	Christiansund ...	29.12	38	SSE	3	0	29.41	+09	37	33	+2	NW	4	0	4	—	39	35	*	0.32
	Skudesnaes ...	29.17	36	NNW	8	+	29.45	+17	37	33	-3	NNW	8	0	4	—	41	36	*	*
	Sumburgh Head	29.35	41	NW	4	c	29.68	+51	35	35	-4	NW	5	0	5	0, c	45	32	*	0.31
BRITISH ISLANDS.	Stornoway ...	29.64	41	NNW	7	0	29.89	+45	40	38	0	NW	5	0	5	0, c	46	38	8.3	0.11
	Malin Head ...	29.76	42	NW	7	cq	30.06	+40	45	43	+1	NW	6	0	4	0, cq	45	40	*	0.19
	Blacksod Pt. ...	29.99	45	NW	5	cq	30.16	+34	47	44	+2	WNW	3	0	3	cq	48	43	*	0.02
	Valencia ...	30.10	47	NW	5	cq	30.25	+36	48	43	-3	WNW	1	0	3	0, cq	52	45	1.3	0.02
	Roche's Point ...	30.05	48	NNW	4	0	30.25	+36	45	42	-7	SE	1	0	1	0, 0	54	39	*	0.02
	Parsonstown ...	29.97	45	W	2	c	30.19	+39	43	41	-4	W	1	0	*	—	51	36	3.2	0.01
	Donaghadee ...	29.80	46	NW	3	0	30.05	+38	42	41	-4	NW	2	0	2	0, 0	50	37	*	0.02
	Liverpool Obsy.	29.81	45	WNW	6	0	30.05	+37	44	41	-7	WNW	6	0	5	0, 0	52	40	*	0.08
	Holyhead ...	29.85	46	NW	3	0	30.11	+38	45	44	-4	WNW	4	0	3	0, 0	49	42	*	0.12
	Pembroke (St. Ann's)	29.92	48	WNW	4	c	30.21	+35	46	44	-3	NW	4	0	4	—	49	42	0.2	0.02
GERMANY. &c.	Scilly (St. Mary's)...	30.00	50	W	6	f	30.22	+18	48	44	-2	NNW	4	0	4	m, f	53	44	0.0	—
	Jersey (St. Aubins)...	30.04	50	WSW	6	0	30.20	+09	47	43	-2	NW	3	0	3	0, m	53	44	0.0	0.05
	Portland Bill ...	29.84	50	W	5	+	30.16	+18	45	42	-4	NW	5	0	4	0, +	50	43	*	0.01
	Dungeness ...	29.80	50	WSW	7	0	30.09	+17	44	42	-5	NNW	5	0	3	0	51	37	*	0.05
	Wick ...	29.54	40	NW	5	c	29.77	+45	39	37	+1	NW	5	0	3	0, 0	45	33	*	0.10
	Nairn ...	29.61	40	W	2	0	29.88	+46	39	39	-4	W	4	0	2	—	48	35	*	0.07
	Aberdeen ...	29.58	37	WNW	4	0	29.85	+46	38	37	-6	NW	4	0	2	0, 0	49	34	9.2	0.18
	Leith ...	29.66	43	W	3	0	29.92	+42	48	43	-2	WSW	3	0	*	—	53	36	*	—
	North Shields ...	29.62	48	NW	5	c	29.90	+40	43	40	-8	W	3	0	2	0	52	34	*	—
	Spurn Head ...	29.67	47	WNW	5	0	29.91	+29	42	40	-8	WNW	6	0	4	—	51	38	*	0.04
FRANCE.	Yarmouth ...	29.69	50	WNW	4	0	29.91	+18	41	38	-9	WNW	5	0	3	0, 0	56	35	*	0.13
	Loughborough ...	29.88	45	WNW	3	0	30.11	+26	44	39	-6	WNW	4	0	*	0, 0	53	38	*	0.11
	Oxford ...	29.79	50	NW	5	0	30.10	+25	44	40	-5	NW	4	0	*	0, 0	54	39	0.0	0.07
	London (Brixton)...	29.79	50	NW	5	0	30.10	+25	44	40	-5	NW	4	0	*	0, 0	54	39	0.0	0.07
	The Scaw (Skagen)	29.13	39	NW	5	m	29.19	-35	33	33	-3	N	5	0	1	—	45	32	*	0.43
	Fanö ...	29.41	42	W	8	0	29.47	-05	40	38	-3	W	9	0	*	0, 0	45	37	*	0.35
	Cuxhaven ...	29.52	46	W	5	0	29.61	-10	42	41	+3	W	5	0	*	0, 0	46	39	*	0.47
	The Helder ...	29.63	47	WNW	4	c	29.81	+11	44	39	-4	NW	6	0	6	—	50	41	*	0.20
	Brussels ...	29.82	44	WSW	4	+	29.96	-01	43	40	-1	NNW	3	0	*	—	50	40	*	0.35
	Berlin ...	29.82	44	WSW	4	+	29.60	-36	41	39	+2	W	3	0	*	—	48	37	*	0.35
SPAN. PEN.	Frankfurt ...	29.82	48	SW	6	0	29.76	-34	43	41	-9	N	2	0	*	—	48	34	*	0.32
	Munich ...	30.04	44	W	5	+	29.77	-39	41	40	+4	SW	6	+	*	—	52	36	*	0.16
	C. Gris Nez ...	29.78	49	SSW	7	+	29.99	+06	43	41	-5	NW	5	0	6	—	50	41	*	0.20
	Brest ...	30.12	52	WSW	4	f	30.28	+11	46	43	-4	N	3	0	3	—	52	45	*	0.04
	Lorient ...	30.12	52	W	4	0	30.21	+02	45	44	-5	NW	3	0	2	—	55	36	*	0.04
	Rochefort ...	30.22	52	W	4	0	30.16	-08	52	51	+2	NNW	4	0	*	0, 0	57	48	*	0.04
	Biarritz ...	30.34	54	N	1	c	30.34	-01	54	52	+9	W	4	0	3	—	57	45	*	—
	Paris ...	30.04	52	SW	4	0	30.09	-06	45	41	+3	NW	3	0	*	—	54	42	*	0.08
	Belfort ...	30.10	44	SW	7	0	29.88	-33	43	43	+9	WSW	7	+	*	—	49	34	*	0.20
	Lyons ...	30.22	50	NE	1	0	30.10	-17	45	44	+4	SSE	1	+	*	—	56	41	*	0.04
SPAN. PEN.	Nice ...	30.02	53	Z	0	0	29.80	-15	51	44	-4	E	1	0	2	—	64	45	*	—
	Perpignan ...	30.18	57	NW	4	0	30.14	-08	53	45	+3	W	4	0	*	—	64	50	*	—
SPAN. PEN.	Corunna ...	?	55	N	3	m	30.40	+04	52	48	+5	N	1	0	6	—	57	45	*	—
	Lisbon ...	30.17	59	NNW	5	0	30.19	-01	58	53	+2	NNE	4	0	*	—	70	54	*	—
SPAN. PEN.	Azores (P. Delgada)	30.31	58	SE	4	0	30.26	-00	59	54	+5	SE	4	0	3	—	61	57	*	—
	„ (Horta) ...	30.22	61	SSE	4	f	30.21	+04	60	59	0	SE	4	0	3	—	64	59	*	0.04

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR SUNDAY, 5TH APRIL, 1903.

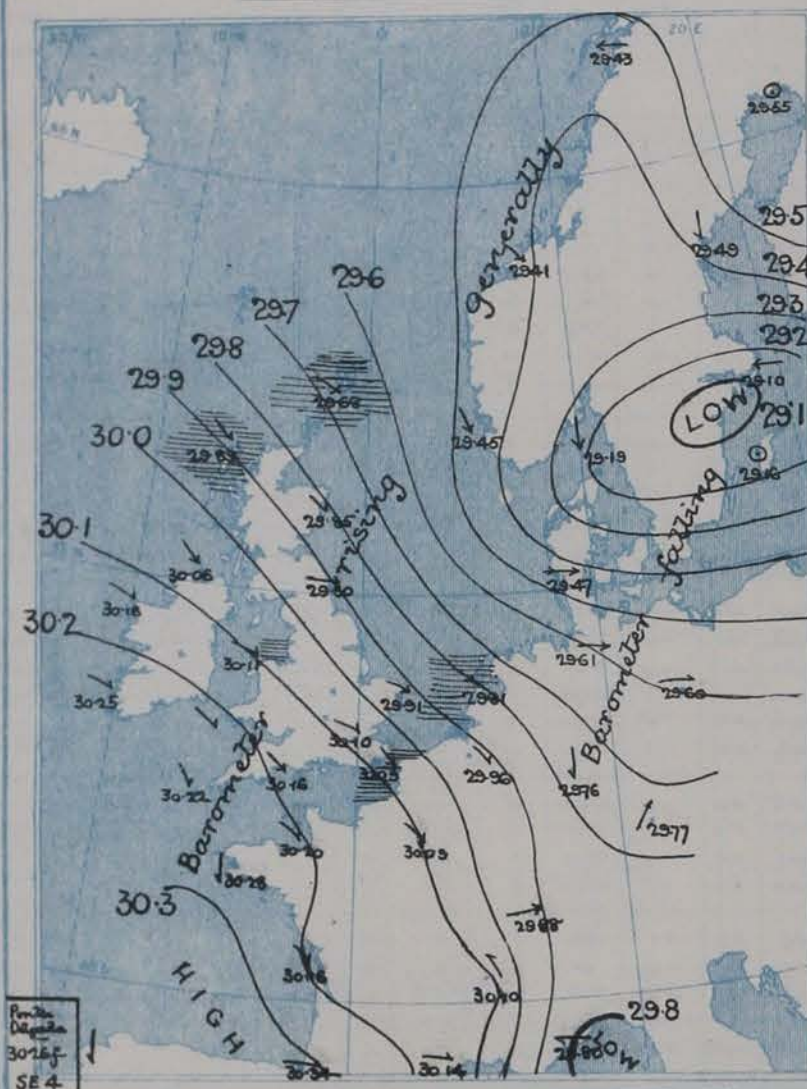
I. BAROMETER, WIND AND SEA. This Morning.

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 APRIL.

Specimen (for Stornoway) { Average No of Hours daily } 5.2
{ Total Possible } 14.2



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The cyclonic system noticed yesterday morning off the north west of Scotland is travelling slowly northwards, its centre being now situated a little to the north-eastward of the Shetlands, in which region the barometer has fallen below 29.1 inches. In the rear of the disturbance the mercury is rising again at most of our own northern stations but owing to the presence of small secondary systems over Ireland and England it is falling in those countries, as well as in Scandinavia, Denmark and North Germany. The highest pressures 30.3 ms and upwards, are reported over the southwest of France and the neighbouring parts of Spain.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind circulates round the baric minimum in the north, being moderate to strong from the NW^{wd} on our extreme north and northwest coasts, and from the W^{wd} in other parts of the United Kingdom, but from the S^{wd} on the eastern shores of the North Sea; in the west of Norway it is SE^y, with a gale at Bodö. The reappearance of the W^y current over England has been accompanied by a decided rise of temperature, and the readings in our Islands are now above the average at all but the extreme northern stations, the thermometers in many places standing at, or a trifle above 50°. In the north of Scotland, and in Denmark, Germany and central France the readings are below 40°, while in Sweden and the north of Norway they are below the freezing point, the lowest reported being 15° at Haparanda and 19° at Hernösand. The weather is fine in the east of Scotland and the southern parts of France and Germany, but is cloudy or dull in nearly all other parts of our area, with rain at several of our own western stations, as well as in Norway, Denmark, North Germany and at Paris. The sea is rather rough on several parts of our western and extreme northern coasts, as well as at Cape Gris Nez, but is moderate or slight elsewhere.

During yesterday the thermometers rose to 50° and upwards over the United Kingdom generally, and to 55° in London and at Hain and Leith. The amount of bright sunshine was rather large on our south and east coasts (more than 7 hours in many places, and as much as 9.3 hours at Clacton-on-sea) but small in the west and north. Rain fell over northwestern Europe generally, but the quantity was, as a rule, slight.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in the north will probably continue to pass away in a NE^y or perhaps in a N^y direction; while the secondary systems over Ireland and England will move E^{wd}.

Cloudy, showery weather is probable over England today, but some temporary improvement is likely to take place in the course of tonight or tomorrow.

FORECASTS *

For the 24 hours ending at NOON on 5th April

1903

DISTRICTS.

FORECASTS.

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

NW^y winds, strong; squally, some cold showers.

W^y winds, strong in places; mild, changeable, some showers

DISTRICTS.


FORECASTS.


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

Strong W^y and NW^y winds, backing later; squally, 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	*	*	*	*	*	*	*	*	*	*	0	*	B, c	50	44	9.3	0.10
Newton Reigny (Penrith)	29.75	49	SW 2	0	29.59	-.34	45	44	+ 4	WNW 4	r	*	C, or	51	41	0.5	0.36
Bath	30.03	47	W 3	r	29.90	-.21	50	48	+ 12	W 6	0	*	-	51	38	0.0	0.08

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	37	od, or	0.0	0.25	Eastbourne ...	0	0	*	7.5	*
Rhyl ...	*	*	*	0.5	*	Hastings ...	*	*	*	7.7	*
Llandudno ...	*	*	*	0.0	*	Lowestoft, to 6 p.m. ...	53	36	c	6.6	0.06
Aberystwyth, to 6 p.m. ...	49	46	o	0.0	0.10	Harrogate, to 6 p.m. ...	49	33	co	0.0	0.02
Plymouth, to 9 p.m. ...	53	38	p, bc	0.6	0.01	Manchester, to 9 p.m. ...	50	33	or	0.0	0.10
Worthing ...	*	*	*	7.2	*	Darwen, to 9 p.m. ...	48	33	omd, r	0.0	0.59
Brighton ...	*	*	*	7.3	*	Birmingham, to 9 p.m. ...	49	33	o	0.0	-

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

STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
3 rd Apr. 1903.									
Utrecht... ..	50	39	o, o	Ins.	Tunis	72	50	o, f	Ins.
Madrid	61	39	c, b	—	Algiers	77	54	o, c	0.08
Vienna	50	37	c, o	—	Madeira (Funchal)	68	52	b, bc	—
St. Petersburg	34	27	o, o	—					
Trieste	54	41	o, o	—					
Florence	62	46	o, r	0.28	2 nd Apr. 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome	62	49	o, r	0.63	Lugano	57	—	b	—
Corsica (I. Sanguinaires) ...	61	46	f, f	0.12	Davos	37	—	o	0.04
Naples	60	48	o, o	—	Lucerne	48	—	o	—
Palermo	64	46	o, o	—	Lausanne	52	—	b	—
Malta	62	58	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 Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	4 th April, 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	5.24	11.56	6.29
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	5.35	12.15	6.56
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.	Valencia	6.13	12.44	7.16
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 *Monday, 6th April, 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.			
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Max.	Min.	Sun- shine. — Hours.	Rainfall. — Ins.
	Ins.	°				Ins.	Ins.	°											
SCANDINAVIA.	Haparanda ...	29.69	24	Z	0	29.78	+ .23	23	22	- 1	SSE	2	0	*	-	27	10	*	-
	Hernösand ...	29.69	24	Z	0	29.74	+ .25	23	22	0	Z	0	0	*	-	28	21	*	-
	Stockholm ...	29.41	36	N	2	29.60	+ .50	33	32	- 1	NNE	4	S	*	-	37	30	*	0.20
	Wisby ...	29.36	36	WSW	2	29.57	+ .41	34	34	- 4	N	6	r	*	-	45	22	*	-
	Karlstad ...	29.62	30	NNE	4	29.78	+ .60	28	?	- 1	NNW	2	0	*	0.5	*	*	*	0.12
	Færder (X'ania Fjord)	29.62	37	NNW	2	29.78	+ .50	35	31	+ 4	NNW	2	c	2	-	37	30	*	-
	Bodö ...	29.58	29	E	4	29.60	+ .17	28	26	+ 4	E	7	0	1	-	34	23	*	-
	Christiansund ...	29.68	36	N	3	29.62	+ .21	37	34	0	SSE	4	c	4	-	39	34	*	0.16
	Skudesnaes ...	29.82	37	NNW	4	29.60	+ .15	39	37	+ 2	SE	4	c	2	-	41	34	*	*
	Sumburgh Head ...	29.84	41	WNW	4	29.40	- .28	43	43	+ 8	SSW	3	r	6	0.0	43	33	*	0.27
BRITISH ISLANDS.	Stornoway ...	29.90	46	WSW	2	29.47	- .42	49	48	+ 9	WNW	7	r	7	0.0	50	40	5.7	0.45
	Malin Head ...	30.06	45	W	4	29.72	- .34	49	48	+ 4	SW	8	0	5	0	49	45	*	0.01
	Blacksod Pt. ...	30.05	48	SSW	5	29.86	- .30	50	49	+ 3	SSW	6	opm	5	opm	51	45	*	0.08
	Valencia ...	30.17	49	S	3	30.01	- .24	50	49	+ 2	SW	3	omd	4	0.0	52	48	1.8	0.08
	Roche's Point ...	30.22	50	WSW	4	30.05	- .20	50	50	+ 5	W	2	0	2	0.0	53	43	*	0.02
	Parsonstown ...	30.14	51	SW	1	29.96	- .23	51	49	+ 8	SW	1	0	*	-	52	43	6.1	0.01
	Donaghadee ...	30.11	48	W	2	29.85	- .20	52	50	+ 10	WNW	3	cg	3	op	52	40	*	0.02
	Liverpool Obsy. ...	30.12	46	WNW	5	29.97	- .08	51	48	+ 7	WSW	3	c	3	-	51	44	*	-
	Holyhead ...	30.15	49	W	2	29.98	- .13	47	47	+ 2	SW	3	fd	2	c,cm	51	44	*	0.02
	Pembroke (St. Ann's)	30.21	47	W	4	30.07	- .14	47	46	+ 1	WSW	5	opm	4	0.0	51	45	10.0	0.01
GERMANY, &c.	Scilly (St. Mary's)...	30.27	51	W	2	30.14	- .08	50	50	+ 2	WSW	3	mp	4	0.0	54	44	9.5	0.02
	Jersey (St. Aubins)...	30.26	50	WNW	3	30.23	+ .03	48	45	+ 1	WSW	3	c	3	0.0	54	39	10.5	-
	Portland Bill ...	30.20	49	WNW	4	30.16	0.00	47	45	+ 2	W	2	c	2	0.0	51	44	*	-
	Dungeness ...	30.12	51	NNW	3	30.15	+ .06	47	45	+ 3	WNW	3	0	1	0.0	52	36	*	-
	Wick ...	29.89	45	NW	3	29.47	- .30	45	44	+ 6	SW	2	0	2	-	47	36	*	0.25
	Nairn ...	29.83	45	W	2	29.53	- .35	50	49	+ 11	WSW	4	0	2	-	50	38	*	0.04
	Aberdeen ...	29.95	46	NW	2	29.59	- .26	46	44	+ 8	SSW	4	0	2	0.0	47	37	6.5	0.05
	Leith ...	29.99	50	W	3	29.68	- .24	51	50	+ 3	SW	4	r	*	-	56	43	*	0.01
	North Shields ...	30.06	45	ESE	1	29.78	- .12	49	47	+ 6	SW	3	0	2	0.0	51	38	*	0.03
	Spurn Head ...	30.05	45	E	1	29.94	+ .03	45	44	+ 3	SSW	3	r	3	-	50	42	*	0.05
FRANCE.	Yarmouth ...	30.03	47	NW	4	30.04	+ .13	45	43	+ 4	WSW	4	c	3	0.0	50	37	*	-
	Loughborough ...	30.18	46	NW	3	30.10	- .01	45	44	+ 1	SW	2	0	*	0.0	54	41	*	-
	Oxford ...	30.10	51	WNW	3	30.10	0.00	46	43	+ 2	WSW	3	0	*	0.0	54	38	6.4	-
	London (Brixton)...	30.10	51	WNW	3	30.10	0.00	46	43	+ 2	WSW	3	0	*	0.0	54	38	6.4	-
	The Scaw (Skagen) ...	29.62	38	NNE	4	29.78	+ .59	39	37	+ 6	Z	0	c	0	-	39	32	*	-
	Fanö ...	29.78	39	WNW	6	29.91	+ .44	39	37	- 1	WNW	2	c	*	-	45	36	*	0.04
	Cuxhaven ...	29.78	42	NW	5	29.98	+ .37	41	39	- 1	WNW	3	c	*	-	45	39	*	0.04
	The Helder ...	29.98	46	NNW	2	30.02	+ .21	43	42	- 1	WSW	6	c	3	-	46	39	*	0.04
	Brussels ...	*	*	*	*	30.15	+ .19	44	43	+ 1	SW	1	0	*	-	50	39	*	-
	Berlin ...	29.76	39	NW	3	29.95	+ .35	38	36	- 3	WNW	3	0	*	-	48	36	*	0.08
SPAN. PEN.	Frankfurt ...	30.01	36	W	2	30.13	+ .37	36	?	- 7	SW	2	0	*	-	?	?	*	?
	Munich ...	30.03	36	W	4	30.14	+ .37	34	33	- 7	W	5	0	*	-	45	32	*	0.24
	C. Gris Nez ...	30.07	48	W	3	30.12	+ .13	45	43	+ 2	W	3	0	3	-	52	43	*	-
	Brest ...	30.19	50	NW	1	30.23	- .05	49	45	+ 3	SSW	3	c	3	-	54	46	*	-
	Lorient ...	30.28	54	W	3	30.25	+ .04	45	44	0	ENE	1	0	2	-	61	41	*	-
	Rochefort ...	30.23	53	NW	4	30.24	+ .08	43	42	- 9	E	3	0	3	-	59	39	*	-
	Biarritz ...	30.31	53	NNW	3	30.27	- .07	48	46	- 6	Z	0	0	3	-	55	45	*	-
	Paris ...	30.19	48	NNW	4	30.23	+ .14	37	36	- 8	SW	1	0	*	-	56	34	*	-
	Belfort ...	30.10	42	WSW	5	30.21	+ .33	37	35	- 6	WSW	2	0	*	-	49	36	*	-
	Lyons ...	30.23	47	NNW	3	30.25	+ .15	40	38	- 5	NNW	3	0	*	-	54	37	*	0.04
SPAN. PEN.	Nice ...	29.76	51	SW	2	29.99	+ .19	50	45	- 1	Z	0	0	1	-	61	45	*	-
	Perpignan ...	30.12	59	NW	4	30.17	+ .03	52	46	- 1	NW	2	0	*	-	66	49	*	-
	Corunna ...	30.07	66	NNW	4	30.06	- .13	64	?	+ 6	NNE	4	0	*	-	75	58	*	-
SPAN. PEN.	Lisbon ...	30.07	66	NNW	4	30.06	- .13	64	?	+ 6	NNE	4	0	*	-	75	58	*	-
	Azores (P. Delgada)	30.24	57	ESE	4	30.21	- .05	55	51	- 4	E	4	0	2	-	63	54	*	-
SPAN. PEN.	„ (Horta) ...	30.23	60	SSE	1	30.21	- .00	57	56	- 3	S	1	0	1	-	63	57	*	0.04

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR Monday 6th APRIL, 1903.

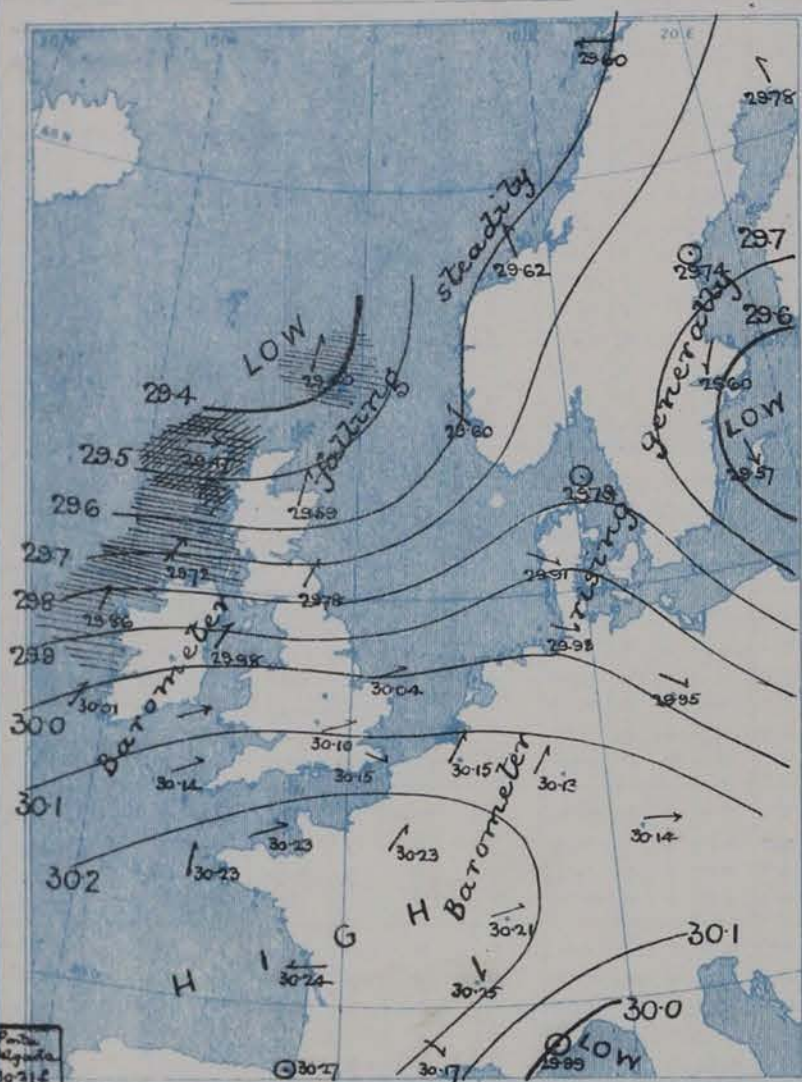
I. BAROMETER, WIND AND SEA. This Morning.

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



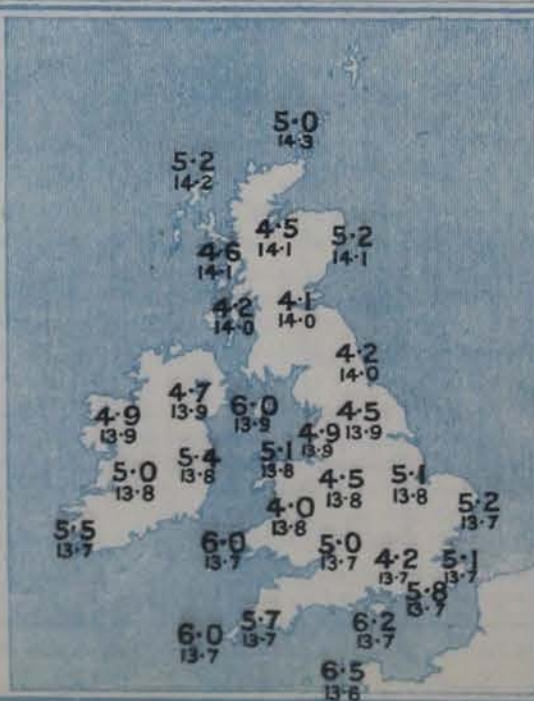
III. BAROMETER AND WIND

Yesterday morning.



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

Specimen (for Stornoway) { Average No of Hours daily } 5.2
Total Possible 14.2



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

MARCH - APRIL (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning the barometer has risen briskly over our Islands and fallen equally briskly in Sweden, Denmark, Germany, and the east of France. It is still highest, above 30.3 ins., in an anticyclone over the Bay of Biscay, and the north of Spain, but is now lowest, about 29.1 ins., in a depression which has reached the southeast of Sweden from the WNWnd. Pressure is also comparatively low (29.8 ins.) at Nice. Gradients are rather steep over Denmark and its vicinity, but moderate to slight generally.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind shows a cyclonic circulation around the baric minimum in Sweden, and both the NNW^{ly} current at Skudesnaes, and that from W at Fano blow with the force of a gale. Over the United Kingdom, the Netherlands, the north of France and Germany the wind is moderate or fresh from NW and W, but at Munich there is a strong breeze from SW. Temperature has fallen over our Islands and is at present below the normal, ranging from 48° at Scilly and Valencia to 41° at Yarmouth, 38° at Aberdeen and to 35° at Sumburgh Head. In most Continental regions it has risen, but is still several degrees below the freezing point in the north of Scandinavia. Over Germany and the east of France, it is not much above 40°, but at Biarritz the reading is 54°, and at Lisbon 58°. The sky is clear in most parts of our Islands, the Netherlands, North Germany, and the west and north of France; in other regions there is much cloud, with sleet or snow showers at Aberdeen and Sumburgh Head, rain at Munich, and in the east of France, and rain or snow over the south of Sweden and the north of Denmark. The sea is rough at the Helder and Cape Gris Nez and rather rough at Liverpool and off the north of Scotland.

The highest temperature recorded at any of our own stations yesterday was 56° at Yarmouth; in the northwest and north the maxima were below 50°. Rain has fallen in almost all localities, but the amounts have been heavier over Scandinavia and Germany than in this country. Slight frost occurred on the grass in London. Very little bright sunshine was experienced except in Scotland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 6th April.

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.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	bc	"	o, b, b	54	38	0.0	0.09
Newton Reigny (Penrith)												"					
Bath	29.86	44	w 2	bc	30.14	+ .24	44	41	- 6	w 2	b	"	-	52	38	0.0	0.09

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	41	02, c, 079	4.7	0.09	Eastbourne	*	*	*		*
Rhyl	*	*	*		*	Hastings	*	*	*	0.0	*
Llandudno	*	*	*	1.7	*	Lowestoft, to 6 p.m. <i>Not recd.</i>					
Aberystwyth, to 6 p.m. ...	48	44	6	0.0	0.10	Harrogate, to 6 p.m. ...	52	46	0, c, 3v	8.1	0.12
Plymouth, to 9 p.m. <i>Not Recd.</i>						Manchester, to 9 p.m. ...	50	41	0v, 3c	1.5	0.21
Worthing	*	*	*	0.0	*	Darwen, to 9 p.m. ...	48	35	0v, c9	2.6	0.37
Brighton	*	*	*		*	Birmingham, to 9 p.m. ...	52	43	0, v, c	0.0	0.11

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

STATIONS. ... <u>4</u> ... <u>IV</u> ... 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	48	36	c, o	Ins.	Tunis	63	46	o, f	Ins.
Madrid	59	34	bc, b	—	Algiers	64	54	c, c	—
Vienna	46	34	bc, o	—	Madeira (Funchal)	68	50	o, bc	—
St. Petersburg	32	25	3, o	0.20					
Trieste	61	39	o, c	—	... <u>3</u> ... <u>IV</u> ... 1903.				
Florence	55	50	o, c	0.32		1 p.m.		1 p.m.	Measured 7 a.m.
Rome	51	47	r, o	0.55					
Corsica (I. Sanguinaires) ...	61	46	f, f	—	Lugano	59	—	c	—
Naples	53	47	o, o	0.43	Davos	37	—	c	0.04
Palermo	60	44	o, o	—	Lucerne	?	—	?	0.16
Malta	63	53	?, c	—	Lausanne	45	—	c	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 Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	5. IV., 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	5.21	11.56	6.31
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	5.30	12.3	6.37
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	5.32	12.15	6.59
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	6.11	12.44	7.17
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.

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

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

DAILY WEATHER REPORT

for 8 a.m. on *Tuesday, 7th April, 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 ...	29.67	30	SE	2	S	29.53	-.25	32	31	+ 9	SE	2	0	*	-	32	18	*	-			
	Hernösand † ...	29.59	27	Z	0	0	29.34	-.40	31	30	+ 8	Z	0	0	*	-	34	21	*	-			
	Stockholm ...	29.62	31	S	2	C	29.16	-.44	34	34	+ 1	SE	4	S	*	-	36	30	*	0.04			
	Wisby ...	29.70	32	Z	0	0	29.21	-.36	35	35	+ 1	SE	4	T	*	-	39	28	*	0.35			
	Karlstad ...	29.55	35	S	2	0	29.00	-.78	35	33	+ 7	SE	2	0	*	0.5	*	*	*	0.20			
	Færder (X'ania Fjord) ...	29.50	37	SE	4	T	29.01	-.77	37	36	+ 2	W	4	2	2	-	39	34	*	0.16			
	Bodö ...	29.42	33	ESE	6	0	29.30	-.30	34	29	+ 6	E	6	2	2	-	36	28	*	-			
	Christiansund ...	29.10	42	W	5	0	29.00	-.62	40	38	+ 3	NW	1	0	4	-	43	36	*	0.04			
	Skudesnaes ...	29.28	41	S	8	T	29.10	-.50	38	37	- 1	W	4	0	5	0.7	41	24	*	*			
	Sumburgh Head ...	29.11	42	WSW	6	C	29.05	-.35	40	38	- 3	NW	4	0	6	T, C	47	34	*	0.23			
BRITISH ISLANDS.	Stornoway ...	29.40	43	WNW	7	0	29.42	-.05	39	38	- 10	WNW	8	0.7	8	P, C	52	36	2.2	0.50			
	Malin Head ...	29.67	47	W	8	T	29.72	.00	45	42	- 4	NW	8	0.9	6	T	49	42	*	0.06			
	Blacksod Pt. ...	29.86	50	WNW	5	CPT	29.99	+ .13	48	45	- 2	NW	5	0.7	4	C, M, C	51	46	*	0.01			
	Valencia ...	30.00	52	WSW	4	C	30.11	+ .10	48	46	- 2	WNW	6	0	4	B, P, C	57	47	4.7	0.06			
	Roche's Point ...	29.98	54	WSW	3	0	30.03	-.02	48	46	- 2	NW	6	0	3	0.7	56	46	*	0.03			
	Parsonstown ...	29.90	51	WSW	3	0	29.97	+ .01	46	44	- 5	W	1	0	*	-	60	45	5.0	0.01			
	Donaghadee ...	29.76	53	W	4	C	29.77	-.08	47	43	- 5	NW	5	0.9	3	-	55	45	*	-			
	Liverpool Obsy. ...	29.81	50	WSW	5	0	29.76	-.21	46	43	- 5	W	9	0	6	0.9	56	45	*	0.03			
	Holyhead ...	29.84	49	WSW	6	CPT	29.84	-.14	46	44	- 1	W	6	0.7	5	0.7, C, M	51	44	*	-			
	Pembroke (St. Ann's) ...	29.96	48	WSW	6	0	29.96	-.11	48	48	+ 1	WNW	5	0.9	4	-	51	44	4.5	-			
GERMANY, &c.	Scilly (St. Mary's) ...	30.07	52	SW	4	C	30.05	-.09	50	48	0	WNW	5	0.9	3	C	55	47	7.3	-			
	Jersey (St. Aubins) ...	30.12	51	SW	3	0.9	30.06	-.17	50	48	+ 2	W	4	0	3	0.9, P	56	48	3.8	0.02			
	Portland Bill ...	30.04	49	WSW	4	0	29.93	-.23	49	47	+ 2	W	5	0	4	0.7	52	47	*	-			
	Dungeness ...	30.01	49	WSW	6	0	29.86	-.29	50	49	+ 3	W	6	0	4	0.7, C	53	46	*	-			
	Wick ...	29.29	43	NW	7	0	29.23	-.24	40	39	- 5	NW	7	0.7	3	0.7, P	47	36	*	0.20			
	Nairn ...	29.41	47	W	4	C	29.39	-.14	40	39	- 10	WNW	4	0	4	-	55	36	*	0.18			
	Aberdeen ...	29.39	52	WNW	6	0.9	29.34	-.25	42	38	- 4	WNW	6	0.7	2	0.9	59	38	0.7	0.01			
	Leith ...	29.50	50	WSW	5	0	29.50	-.18	47	42	- 4	W	4	0	*	-	55	41	*	-			
	North Shields ...	29.63	52	SW	2	0	29.54	-.24	44	42	- 5	W	3	0.9	2	0.7, C	57	41	*	0.02			
	Spurn Head ...	29.75	51	WSW	5	C	29.61	-.33	46	45	+ 1	WNW	6	0.9	4	-	55	44	*	0.01			
FRANCE.	Yarmouth ...	29.84	54	W	5	0	29.68	-.36	49	44	+ 4	WNW	6	0	4	0.7	56	42	*	0.01			
	Loughborough ...	29.96	48	SW	4	0	29.83	-.27	49	45	+ 4	W	3	0	*	-	53	45	*	-			
	Oxford ...	29.94	52	WSW	4	0	29.80	-.30	51	47	+ 5	W	3	0	*	0.7, C	56	45	0.7	-			
	London (Brixton) ...	29.94	52	WSW	4	0	29.80	-.30	51	47	+ 5	W	3	0	*	0.7, C	56	45	0.7	-			
	The Scaw (Skagen) ...	29.46	38	SSW	5	0	29.12	-.66	42	40	+ 3	W	5	0.7	1	-	42	37	*	0.35			
	Fanö ...	29.82	44	SSW	4	0	29.34	-.57	42	41	+ 3	SW	4	0	*	-	45	39	*	0.35			
	Cuxhaven ...	29.82	44	SW	4	0	29.47	-.51	46	45	+ 5	W	6	0.7	*	-	46	41	*	0.71			
	The Helder ...	29.82	48	SW	4	0	29.58	-.44	47	46	+ 4	WNW	6	0	5	-	50	43	*	0.16			
	Brussels ...	29.84	47	SW	4	0	29.84	-.31	47	45	+ 3	WSW	5	0	*	-	54	44	*	-			
	Berlin ...	29.98	42	SW	1	C	29.65	-.30	46	43	+ 8	SW	4	0	*	-	46	38	*	0.08			
SPAN. PEN.	Frankfurt ...	30.03	48	SW	2	0	29.88	-.25	46	42	+ 10	SW	4	0	*	-	50	36	*	-			
	Munich ...	30.18	37	SW	3	C	30.05	-.09	38	35	+ 4	W	5	0	*	-	41	34	*	0.04			
	C. Gris Nez ...	30.02	48	SW	5	0	29.85	-.27	48	46	+ 3	WSW	6	0	6	-	50	45	*	-			
	Brest ...	30.12	52	SW	2	0	30.12	-.11	49	48	0	WNW	2	0	2	-	55	48	*	-			
	Lorient ...	30.15	55	ENE	1	0	30.11	-.14	44	43	- 1	N	2	0	2	-	61	43	*	-			
	Rochefort ...	30.12	53	WNW	3	0	30.07	-.17	46	45	+ 3	ENE	3	0	2	-	59	41	*	-			
	Biarritz ...	30.15	54	NNE	4	0	30.04	-.23	46	46	- 2	E	3	0	2	-	57	45	*	-			
	Paris ...	30.13	55	WSW	2	0	30.06	-.17	43	41	+ 6	SSW	2	0	*	-	58	37	*	-			
	Belfort ...	30.12	46	WSW	3	0	30.09	-.12	36	33	- 1	WSW	4	0	*	-	53	33	*	-			
	Lyons ...	30.16	49	N	1	0	30.13	-.12	40	36	0	ENE	1	0	*	-	55	37	*	-			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR TUESDAY, 7th APRIL, 1903.

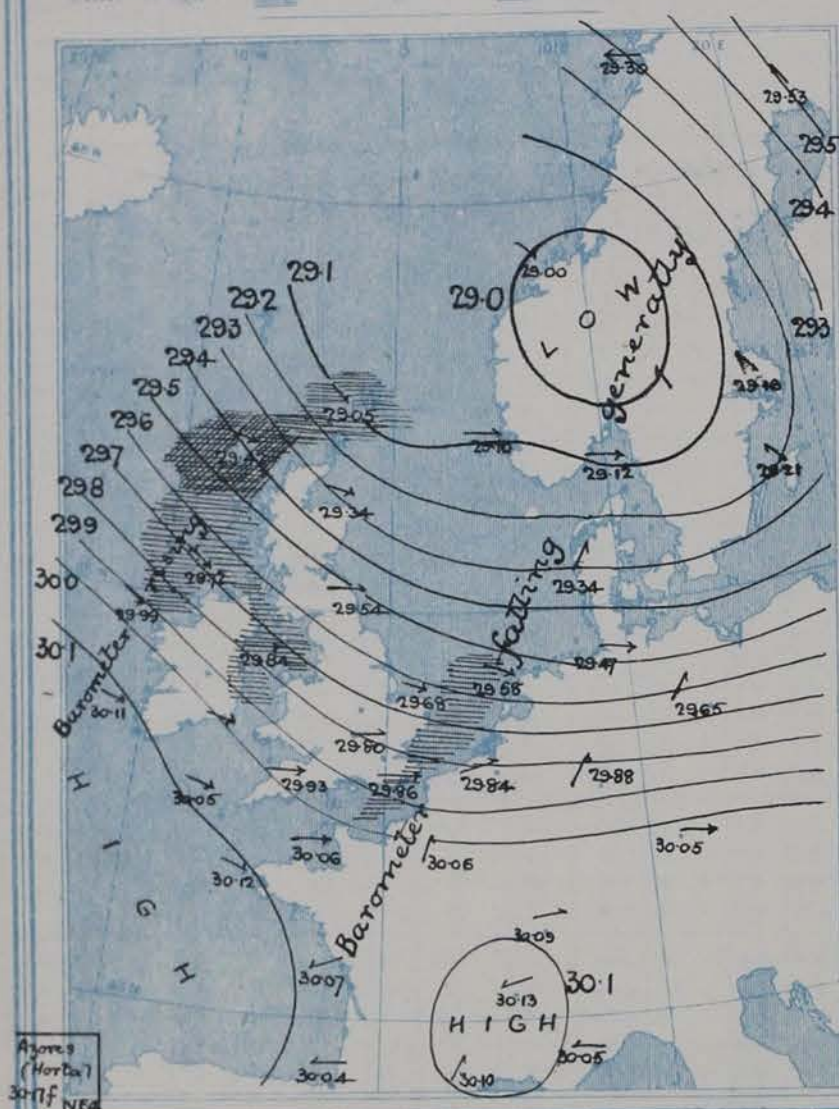
I. BAROMETER, WIND AND SEA. This Morning.

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

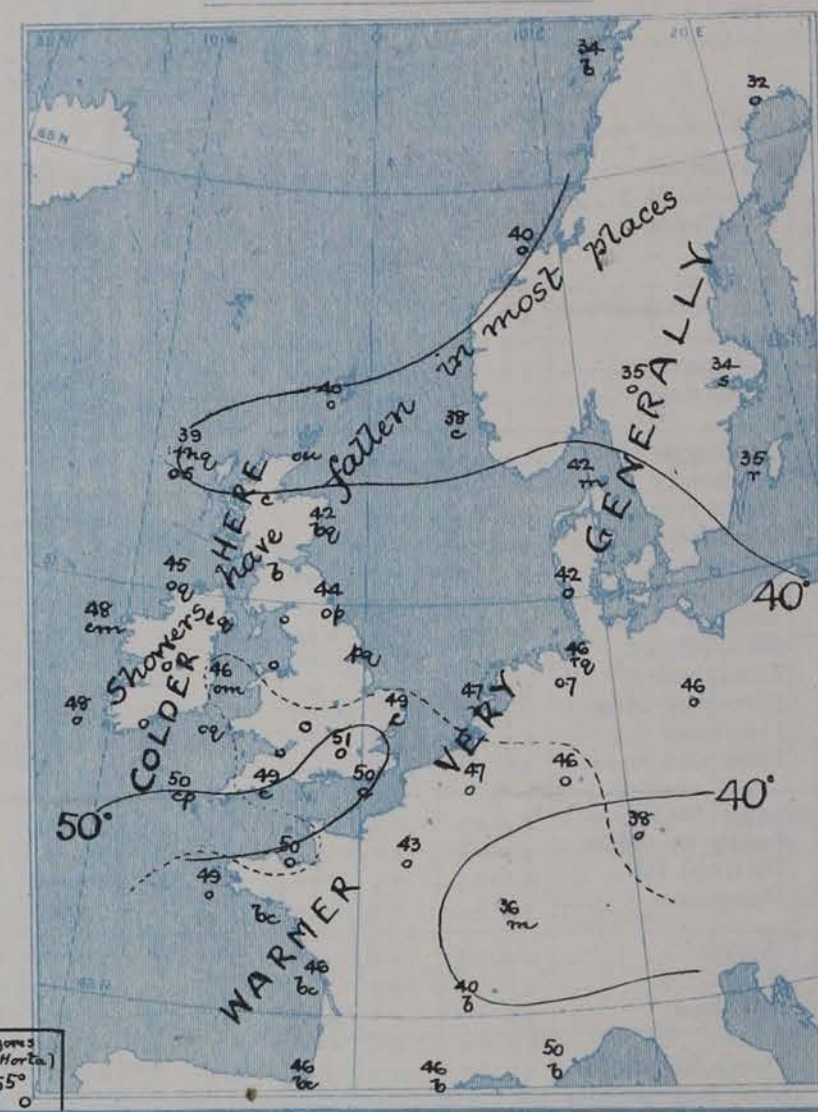


II. TEMPERATURE AND WEATHER. This Morning.

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.

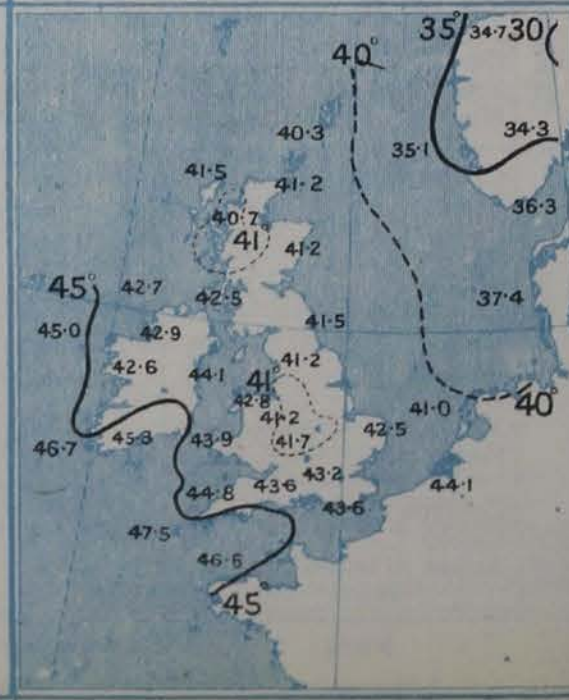


IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for APRIL.

Specimen (for Stornoway) { Average No of Hours daily } 5.2
Total Possible 14.2



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure now ranges from 30.2 ins. and above in an anticyclone lying over the Bay of Biscay, the north of Spain and the greater part of France, to 29.6 ins. and less in the neighbourhood of Stockholm and to below 29.4 ins. in a cyclonic disturbance whose centre has reached a position off the north of Scotland from the south-westward. The barometer is falling over our Islands and the west of Norway, rising over France, Germany and Sweden. Gradients are slight in the south, moderate in the north.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has backed to the Westward or South-westward over the United Kingdom, and to S.E. or E. along the west coast of Norway. It is fresh or strong in force at some western and northwestern stations, and at Malin Head it is reported to be blowing a fresh gale. Over the Baltic and North Germany the wind is moderate to fresh from the N. and N.W. Temperature has risen over our Islands and is now above the mean in most northern localities and about equal to it in the south. The highest values are 52° at Donaghadee and 51° at Patersonstown, Liverpool and Leith, and the lowest 45° over central and eastern England and 43° in the Shetlands. At most continental stations the thermometer has fallen, and the readings range from 52° at Perpignan to 37° at Paris, 36° at Frankfurt, 33° at Stockholm, and to 23° at Helsingfors and St. Petersburg. The weather continues very fine over France and the sky has now cleared in southern Germany; over these Islands and Scandinavia, however, much cloud is reported, with rain at several of our western and northern stations, and rain or snow in the south of Sweden. The sea is high at Stornoway, rough or rather so in the north and northwest generally, moderate to smooth elsewhere.

Maximum temperatures of 50° and upwards were registered yesterday in nearly all parts of our Islands, the highest being 56° at Leith. Rain has been experienced except in the southeast, but the amounts are slight except in the extreme north. A good deal of bright sunshine has been recorded — especially in the more southern districts. The night was rather cold inland, the thermometer on the grass falling to 30° in London. A lunar halo was observed at North Shields and a Corona at Oxford.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in the north will probably move away in a N.E. or E. direction, but there are already some indications of the approach of other systems towards our western coasts, so that mild, unsettled weather is to be expected generally, with slight rain occasionally in the south and more frequent and heavy falls in the west and north.

FORECASTS *

For the 24 hours ending at NOON on 7TH APRIL. 1903

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Fresh or strong winds between W. and S; dull generally, rain at times.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 4.
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	W ^{ly} or S.W. ^{ly} winds, light or moderate; cloudy or dull, some rain.
5	ENGLAND SOUTH	Wind chiefly W ^{ly} , light or moderate; fair at first, cloudy or dull later, with some rain.



DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	W ^{ly} and S.W. ^{ly} winds, increasing in force; dull, some rain.
9	IRELAND NORTH	Fresh or strong S.W. ^{ly} to W ^{ly} winds; very unsettled, rain at times.
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

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	*	*	*	E	"	"	"	"	"	"	*	0	*	Bc, B	52	39	7.7	-
Newton Reigny (Penrith)	30.03	44	NW 3	C	29.85		47	47		SW 3	r	*	C, or	49	42	4.7	0.11	
Bath	30.17	49	W 2	B	30.10	- .04	46	43	+ 2	SW 2	B	*	-	53	43	7.5	-	

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....	50	40	0, cp	6.2	0.02	Eastbourne	0	0	*	9.2	*
Rhyl	*	*	*	6.3	*	Hastings	*	*	*	10.1	*
Llandudno	*	*	*	5.6	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	50	43	bc	7.0	-	Harrogate, to 6 p.m. ...	51	34	bcv	6.0	-
Plymouth, to 9 p.m. <i>Not Recd.</i>						Manchester, to 9 p.m.	49	39	p, bc, c	2.8	0.06
Worthing	*	*	*	9.9	*	Darwen, to 7 p.m. ...	47	33	omu, om	1.6	0.03
Brighton	*	*	*	9.3	*	Birmingham, to 9 p.m. ...	52	38	c, b	7.7	-

STATIONS.		TEMPERATURE, F.		WEATHER.	RAIN.
Max. °	Min. °				
<i>Informatⁿ not received.</i>					
Utrecht... ..					Ins.
Madrid					
Vienna					
St. Petersburg					
Trieste					
Florence					
Rome					
Corsica (I. Sanguinaires) ...					
Naples					
Palermo					
Malta					

STATIONS.		TEMPERATURE, F.		WEATHER.	RAIN.
Max. °	Min. °				
<i>Informatⁿ not received.</i>					
Tunis					Ins.
Algiers					
Madeira (Funchal)					
..... <u>4. IV.</u>.....1908.					
Lugano	59	—	3	—	Measured 7 a.m.
Davos	41	—	3	—	
Lucerne	52	—	c	—	
Lausanne	50	—	3c	—	

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.

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 th April, 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	5.18	11.56	6.33
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	5.27	12.3	6.39
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	5.29	12.15	7.1
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	6.8	12.44	7.19
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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† 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, 8th April, 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 ...	29.47	33	S	2	0	29.55	+0.02	35	32	+3	NE	2	0	-	37	27	-	-				
	Hernösand ...	29.26	32	N	4	0	29.48	+0.14	33	32	+2	N	2	0	-	36	27	0.28	-				
	Stockholm ...	29.12	36	SSE	2	0	29.37	+0.21	35	34	+1	W	0	0	-	43	30	0.04	-				
	Wisby ...	29.15	37	S	2	0	29.38	+0.17	38	36	+3	SW	2	0	-	43	25	0.32	-				
	Karlstad ...	29.10	35	W	0	0	29.45	+0.45	35	33	0	N	2	0	-	-	-	2.36	-				
	Färder (X'ania Fjord) ...	29.08	38	NNW	2	0	29.48	+0.47	37	33	0	N	6	0	-	43	36	-	-				
	Bodö ...	29.41	33	E	1	0	29.67	+0.37	33	29	-1	SE	2	0	-	39	28	-	-				
	Christiansund ...	29.25	41	N	3	0	29.72	+0.72	39	37	-1	NE	3	0	-	43	36	0.08	-				
	Skudesnaes ...	29.23	39	NNW	4	0	29.60	+0.50	41	39	+3	NNW	8	0	-	41	36	-	-				
	Sumburgh Head ...	29.46	41	N	4	0	29.92	+0.87	42	41	+2	N	6	0	-	42	36	0.15	-				
BRITISH ISLANDS.	Stornoway ...	29.77	45	NNW	8	0	30.14	+0.72	43	41	+4	NW	4	0	-	47	40	0.13	-				
	Malin Head ...	29.93	45	NW	8	0	30.23	+0.51	46	43	+1	N	5	0	-	46	43	0.02	-				
	Blacksod Pt. ...	30.13	49	NW	4	0	30.31	+0.32	48	45	0	NNW	3	0	-	52	46	-	-				
	Valencia ...	30.18	49	N	5	0	30.33	+0.22	49	46	+1	S	1	0	-	53	45	0.01	-				
	Roche's Point ...	30.08	51	NNW	7	0	30.29	+0.26	46	44	-2	N	3	0	-	54	44	-	-				
	Parsonstown ...	30.07	50	NW	4	0	30.30	+0.33	46	43	0	NW	1	0	-	51	41	7.6	-				
	Donaghadee ...	29.90	48	NW	6	0	30.20	+0.43	46	43	-1	N	5	0	-	50	43	0.03	-				
	Liverpool Obsy. ...	29.83	45	NNW	7	0	30.16	+0.40	46	43	0	NW	4	0	-	50	41	0.02	-				
	Holyhead ...	29.93	48	NW	7	0	30.17	+0.33	47	44	+1	NW	6	0	-	52	44	0.02	-				
	Pembroke (St. Ann's) ...	29.99	50	NNW	5	0	30.17	+0.21	46	44	-2	N	5	0	-	52	44	4.9	-				
GERMANY, &c.	Scilly (St. Mary's) ...	30.08	51	NNW	5	0	30.22	+0.17	48	45	-2	NNE	5	0	-	53	45	3.5	-				
	Jersey (St. Aubins) ...	30.02	50	?	4	0	30.15	+0.09	50	45	0	NNW	3	0	-	53	47	2.3	0.02				
	Portland Bill ...	29.92	50	NW	5	0	30.14	+0.21	47	44	-2	NNW	3	0	-	51	45	-	-				
	Dungeness ...	29.80	51	NW	4	0	29.99	+0.13	45	41	-5	N	5	0	-	56	39	-	-				
	Wick ...	29.61	40	NW	7	0	30.03	+0.80	42	41	+2	N	4	0	-	45	37	0.15	-				
	Nairn ...	29.66	42	NNW	4	0	30.12	+0.73	43	40	+3	NNW	3	0	-	48	39	0.06	-				
	Aberdeen ...	29.56	43	NW	7	0	30.02	+0.68	44	41	+2	NW	6	0	-	48	39	4.6	0.04				
	Leith ...	29.60	47	W	4	0	30.09	+0.59	49	43	+2	NNW	4	0	-	53	39	0.01	-				
	North Shields ...	29.57	49	NNW	5	0	30.05	+0.51	45	41	+1	NNW	3	0	-	52	36	0.04	-				
	Spurn Head ...	29.58	47	NNW	7	0	29.98	+0.37	44	42	-2	NNW	6	0	-	51	38	0.04	-				
FRANCE.	Yarmouth ...	29.63	49	NNW	5	0	29.91	+0.23	45	41	-4	NNW	6	0	-	50	38	0.07	-				
	Loughborough ...	29.88	47	NNW	3	0	30.13	+0.30	44	40	-5	NNW	3	0	-	54	38	0.01	-				
	Oxford ...	29.80	50	NNW	5	0	30.05	+0.25	43	39	-8	N	5	0	-	54	42	2.0	0.04				
	London (Brixton) ...	29.80	50	NNW	5	0	30.05	+0.25	43	39	-8	N	5	0	-	54	42	2.0	0.04				
	The Scaw (Skagen) ...	29.08	39	W	1	0	29.41	+0.29	38	37	-4	NE	4	0	-	45	37	-	-				
	Fanö ...	29.25	39	NNW	5	0	29.47	+0.13	39	37	-3	N	4	0	-	45	36	0.08	-				
	Cuxhaven ...	29.40	42	W	5	0	29.47	+0.00	42	40	-4	NW	4	0	-	46	41	0.24	-				
	The Helder ...	29.51	47	NNW	7	0	29.70	+0.12	45	42	-2	NNW	7	0	-	48	39	0.16	-				
	Brussels ...	29.84	40	W	3	0	29.84	+0.00	42	40	-5	NNW	3	0	-	50	37	0.16	-				
	Berlin ...	29.47	41	W	3	0	29.47	+0.00	39	38	-7	WSW	2	0	-	50	36	0.16	-				
SPAN. PEN.	Frankfurt ...	29.66	45	SW	3	0	29.65	+0.23	40	37	-6	SW	2	0	-	57	37	1.50	-				
	Munich ...	29.71	51	SW	5	0	29.68	+0.37	35	35	-3	SW	5	0	-	57	34	0.35	-				
	C. Gris Nez ...	29.79	50	WSW	5	0	29.91	+0.06	43	41	-5	NNW	6	0	-	52	39	-	-				
	Brest ...	30.11	50	N	3	0	30.19	+0.07	47	44	-2	N	4	0	-	54	46	-	-				
	Lorient ...	30.07	54	W	4	0	30.14	+0.03	48	45	+4	N	4	0	-	61	44	-	-				
	Rochefort ...	30.04	54	NW	4	0	30.08	+0.01	49	48	+3	NNW	5	0	-	61	46	-	-				
	Biarritz ...	30.05	57	N	3	0	30.15	+0.11	53	52	+7	NW	4	0	-	70	46	-	-				
	Paris ...	29.91	50	NNW	4	0	29.96	+0.10	44	39	+1	N	5	0	-	61	38	-	-				
	Belfort ...	29.77	54	W	7	0	29.72	+0.37	40	38	+4	WSW	6	0	-	59	36	0.04	-				
	Lyon ...	29.98	57	E	1	0	29.91	+0.22	44	42	+4	NW	3	0	-	64	40	-	-				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR WEDNESDAY, 8TH APRIL, 1903.

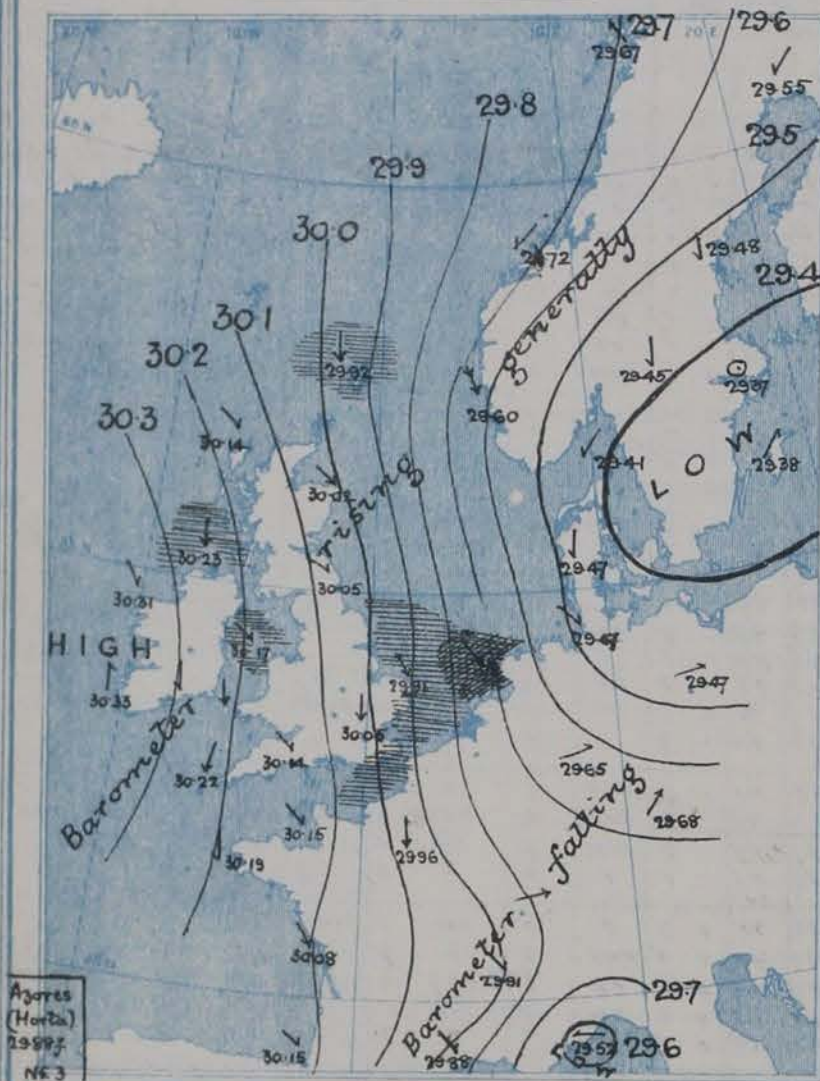
I. BAROMETER, WIND AND SEA. *This Morning.*

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

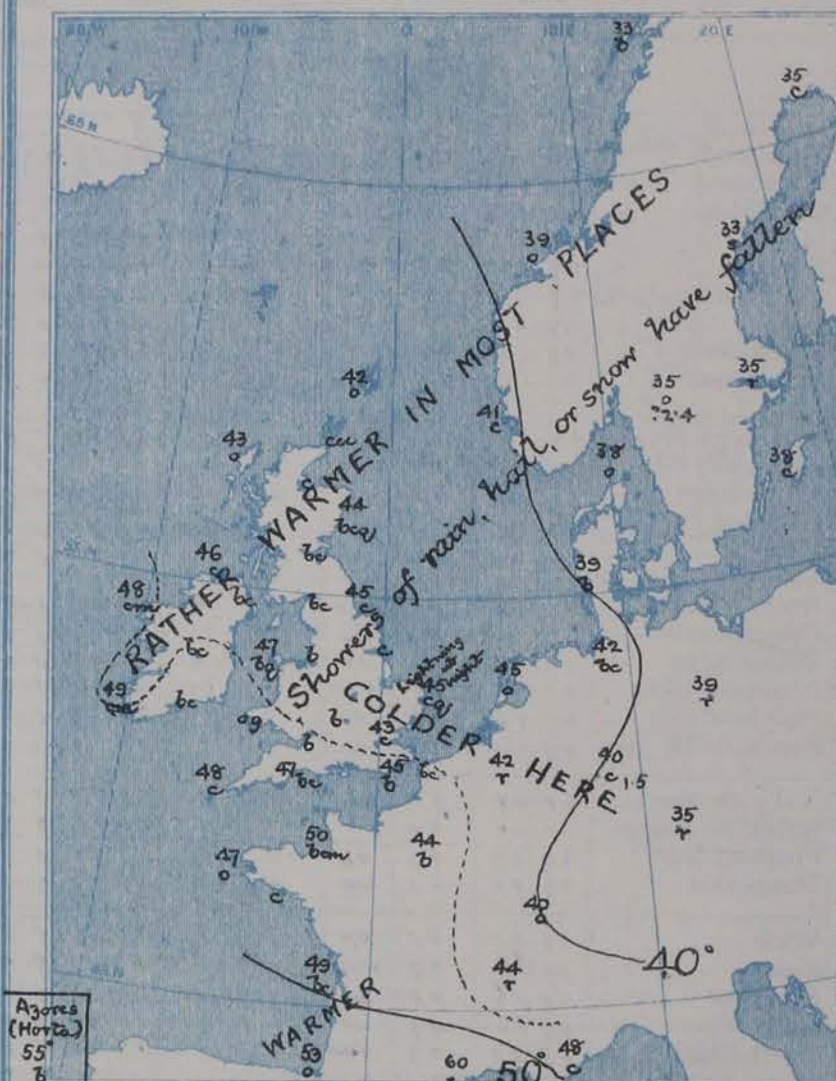


II. TEMPERATURE AND WEATHER. *This Morning.*

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 APRIL.

Specimen (for Stornoway) {Average No of Hours daily } 5.2
Total Possible } 14.2



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The centre of the disturbance which was to the northward of Scotland yesterday morning has now reached the central parts of Scandinavia and has caused a decided fall of the barometer throughout north-western Europe. Over Ireland and the west of Scotland, however, the mercury has begun to rise again. The readings range from above 30.1 ins. in a small area over the southeast of France and in a larger one stretching from the Bay of Biscay to the southwest of Ireland, to 29.05 ins. in a secondary disturbance near Lumbrough Hd. and to less than 29.0 ins. over the central regions of Scandinavia. Gradients are rather steep generally.

WIND

The wind shows a complete circulation around the baric minimum, being NW^{ly} and W^{ly} over the United Kingdom, W^{ly} to SW^{ly} over the Netherlands, Germany, and Denmark, SE^{ly} in Sweden, and E^{ly} at Bodö. It blows freshly or strongly in most places, and at Liverpool, Malin Head, and Stornoway it has the force of a gale. Over France the wind is lighter and more variable.

TEMPERATURE

Temperatures have fallen in most parts of our Islands, but risen at our southeastern stations and also in many parts of the continent. It ranges this morning from 51° in London and 50° at Scilly, Dungeness and Tille to 43° at Paris, 40° in the north of Scotland and to a little above 32° in Sweden.

WEATHER

The sky is partially clear in the west and south of France, but over our area as a whole it is very cloudy or overcast; showers are falling at one or two of our own stations, rain on the southern shores of the North Sea, and rain or snow in the southeast of Sweden.

AND

The sea is very high in the Minch, and rough or rather so in the north and northwest generally, as well as at Cape Eric, Rey and the Helles.

SEA

The highest temperatures registered over the United Kingdom yesterday were 60° at Parnostown and 59° at Aberdeen, and the night was without frost. Rain or passing showers were experienced in many localities, both over our Islands and the northern parts of the Continent; at Cuxhaven there was as much as 0.7 in., and at Stornoway 0.5 in. Very little bright sunshine was recorded generally, but Scilly had 7.3 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in Scandinavia will soon cease to affect the winds and weather in our Islands and the baric rise in the west is likely to spread to all districts accompanied by a decrease in the force of the wind. It is probable, however, that during the next 24 hours another cyclonic system will make its appearance in the extreme northwest or north.

FORECASTS *

For the 24 hours ending at NOON on 8th APRIL 1903

DISTRICTS.		FORECASTS.	
0	{ SCOTLAND NORTH	{ N.W. ^{ly} to W. ^{ly} winds, decreasing in force; cloudy, some showers of rain or sleet.	{ Same as Nos. 0 and 1.
1	{ SCOTLAND EAST		
2	{ ENGLAND N.E.	{ N.W. ^{ly} to W. ^{ly} winds, fresh or strong, then moderating; cloudy, with some passing showers, but mostly fair.	{ N.W. ^{ly} winds, strong, to W. ^{ly} or SW. ^{ly} , moderate; some showers of hail or rain, but dry generally.
3	{ ENGLAND EAST		
4	{ MIDLAND COUNTIES		
5	{ ENGLAND SOUTH		
		6	{ SCOTLAND WEST
		7	{ ENGLAND N.W.
		8	{ ENGLAND S.W.
		9	{ IRELAND NORTH
		10	{ IRELAND SOUTH
		WARNINGS	
		At 3.30 p.m. yesterday to District 0 and part of 1, "Horst North 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	*	c, bc	56	47	4.5	-
Newton Reigny (Penrith)	29.65	50	WSW 4	0	29.62	- .23	42	41	- 5	W 5	0	*	cp 9	53	41	0.7	0.07	
Bath	29.99	51	W 5	6	29.87	- .23	49	47	+ 3	W 5	0	*	-	55	46	0.6	-	

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....	54	45	0, 0 p, c	1.4	0.06	Eastbourne	0	0	*	0.1	*
Rhyl	*	*	*	5.0	*	Hastings	*	*	*	0.9	*
Llandudno	*	*	*	3.3	*	Lowestoft, to 6 p.m. ...	56	38	7, 0 c	0.7	-
Aberystwyth, to 6 p.m. ...	51	46	4, 0 c	4.0	-	Harrogate, to 6 p.m. ...	55	40	0 c	1.6	0.09
Plymouth, to 9 p.m....	56	42	0 m, 8 c	3.7	0.02	Manchester, to 9 p.m. ...	54	42	0 u, c, 0 d	0.0	0.01
Worthing	*	*	*	0.5	*	Darwen, to 9 p.m. ...	51	37	0 d, 0 m u	0.1	0.23
Brighton	*	*	*	0.6	*	Birmingham, to 9 p.m. ...	54	41	0, c	0.4	-

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

STATIONS. 6...IV...1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht... ..	48	34	c, c	0.04	Tunis	63	46	0, 0	Ins.
Madrid	75	39	8, 8	-	Algiers	66	52	8, 8	-
Vienna	52	37	c, 0	0.35	Madeira (Funchal) .Not recd.				
St. Petersburg	37	25	0, f	-					
Trieste	54	48	0, 0	0.28	5...IV...1903.				
Florence	62	42	0, 8	0.04	Informat ⁿ not recd.				
Rome	61	46	8 c, 8	-	Lugano				
Corsica (I. Sanguinaires) ...	61	50	m, m	-	Davos				
Naples	60	49	8, 8 c	0.04	Lucerne				
Palermo	64	52	0, 0	0.16	Lausanne				
Malta	62	55	? , 0	0.12					

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.

7...IV...1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.15	11.55	6.35
Greenwich	5.25	12.2	6.40
Wick	5.26	12.14	7.3
Valencia	6.5	12.43	7.21

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

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

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

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

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

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

DAILY WEATHER REPORT

for 8 a.m. on *Thursday, 9th April, 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.			°	Ins.
SCANDINAVIA.	Haparanda ...	29.79	33	N	2	0	30.03	+4.2	26	24	-9	N	2	8	*	-	41	26	*	-			
	Hernösand ...	29.87	36	N	0	0	30.07	+5.9	35	31	+2	N	0	8	*	-	37	32	*	-			
	Stockholm ...	29.80	34	SE	2	0	29.99	+6.2	36	30	+1	NNW	4	0	*	-	39	30	*	0.08			
	Wisby ...	29.72	36	N	0	8	29.93	+5.5	34	33	-4	NE	2	8c	*	-	41	30	*	-			
	Karlstad ...	29.88	37	N	4	C	30.09	+6.4	36	36	+1	N	2	0	*	-	*	*	*	-			
	Färder (X'ania Fjord) ...	29.87	40	N	4	C	30.11	+6.3	38	35	+1	N	4	8	2	-	41	37	*	-			
	Bodö ...	29.89	36	W	2	8	30.03	+3.6	36	35	+3	E	2	8c	1	-	?	?	*	0.04			
	Christiansund ...	30.03	41	ENE	1	8	30.11	+3.9	40	36	+1	ESE	2	8	3	-	45	34	*	-			
	Skudesnaes ...	29.97	41	NNW	6	8	30.16	+5.6	38	36	-3	E	2	8	2	-	45	36	*	-			
	Sumburgh Head ...	30.08	43	WNW	2	0	30.06	+1.4	45	45	+3	WSW	2	7	4	c,0	45	40	*	0.02			
BRITISH ISLANDS.	Stornoway ...	30.17	49	WNW	3	0	30.14	0.0	47	45	+4	WNW	3	0	3	0	52	43	2.1	-			
	Malin Head ...	30.28	47	WNW	3	f	30.24	+0.1	45	45	-1	W	4	0f	3	0,f	49	44	*	0.01			
	Blacksod Pt. ...	30.32	49	SW	1	C	30.29	-0.2	48	47	0	SW	3	cm	3	c,f	51	43	*	0.01			
	Valencia ...	30.31	52	NNW	3	om	30.31	-0.2	46	45	-3	N	0	8	3	8m	55	40	10.2	-			
	Roche's Point ...	30.29	57	N	3	8	30.32	+0.3	45	45	-1	N	3	om	2	8	57	44	*	-			
	Parsonstown ...	30.30	55	NW	2	8c	30.31	+0.1	46	45	0	W	1	0	*	8c,9	57	41	9.5	-			
	Donaghadee ...	30.26	47	NNW	5	8c,9	30.28	+0.8	47	46	+1	WNW	2	0	2	8c,9	50	44	*	-			
	Liverpool Obsy. ...	30.26	47	NNW	3	C	30.27	+1.0	47	46	0	NNW	2	0	2	8c,0	49	44	*	-			
	Holyhead ...	30.26	47	NNW	3	C	30.27	+1.0	47	46	0	NNW	2	0	2	8c,0	49	44	*	-			
	Pembroke (St. Ann's) ...	30.26	49	NW	5	8c	30.29	+1.2	47	45	+1	NE	4	0,9	3	-	52	44	7.1	-			
GERMANY, &c.	Scilly (St. Mary's) ...	30.27	49	N	2	C	30.26	+0.4	49	47	+1	NNW	2	0w	2	C	53	45	8.4	-			
	Jersey (St. Aubins) ...	30.21	52	NW	3	8	30.24	+0.9	51	47	+1	NE	3	8cm	3	8	55	45	11.1	-			
	Portland Bill ...	30.16	51	NW	3	8c	30.25	+1.1	45	44	-2	NNW	2	8cm	1	8,8c	54	43	*	-			
	Dungeness ...	30.11	49	N	4	8	30.19	+2.0	45	43	0	NNE	5	8c	3	C,8	53	40	*	-			
	Wick ...	30.10	40	N	3	0	30.13	+1.0	48	46	+6	N	1	C	1	-	48	40	*	-			
	Nairn ...	30.16	48	W	1	C	30.15	+0.3	48	46	+5	W	1	8c	1	-	54	43	*	-			
	Aberdeen ...	30.16	47	NNW	3	8c	30.19	+1.7	46	45	+2	NNW	1	m	2	c,8c	49	42	5.3	-			
	Leith ...	30.14	51	N	0	3	30.21	+1.2	48	45	-1	WSW	2	om	*	-	60	45	*	-			
	North Shields ...	30.16	45	NE	2	C	30.22	+1.7	47	44	+2	WNW	1	C	3	8c,C	49	40	*	-			
	Spurn Head ...	30.10	45	NW	6	C	30.19	+2.1	45	42	+1	N	4	8cv	4	-	46	41	*	-			
FRANCE.	Yarmouth ...	30.02	46	NNW	5	C,9	30.13	+2.2	46	42	+1	NNE	5	C	5	C,9	48	41	*	-			
	Loughborough ...	30.18	48	N	1	C	30.26	+1.3	44	41	0	N	2	0	*	-	55	40	*	-			
	Oxford ...	30.11	51	N	4	C	30.20	+1.5	44	41	+1	N	4	0	*	C,0,8	55	41	5.1	-			
	London (Brixton) ...	30.11	51	N	4	C	30.20	+1.5	44	41	+1	N	4	0	*	C,0,8	55	41	5.1	-			
	The Scaw (Skagen) ...	29.81	41	NE	5	C	30.05	+6.4	39	37	+1	NE	3	8c	1	-	43	37	*	-			
	Fanö ...	29.85	37	N	5	8	30.07	+6.0	37	35	-2	N	4	C	*	-	45	34	*	-			
	Cuxhaven ...	29.73	43	N	4	0	29.95	+4.8	41	39	-1	N	4	8	*	-	45	39	*	-			
	The Helder ...	29.89	45	N	8	8c	30.09	+3.9	43	41	-2	NE	4	C	3	-	46	43	*	-			
	Brussels ...	*	*	*	*	*	30.06	+2.2	42	42	0	N	3	C	*	-	47	39	*	0.32			
	Berlin ...	29.63	42	W	3	8	29.80	+3.3	39	38	0	W	2	C	*	-	48	34	*	0.04			
SPAN. PEN.	Frankfurt ...	29.75	38	W	5	C	29.80	+1.2	34	34	-1	NW	2	0	*	-	45	32	*	0.20			
	Munich ...	29.75	38	W	5	C	29.80	+1.2	34	34	-1	NW	2	0	*	-	45	32	*	0.20			
	C. Gris Nez ...	30.05	46	N	5	8	30.12	+2.1	43	41	0	N	6	0	6	-	50	43	*	-			
	Brest ...	30.25	50	N	3	8	30.26	+0.7	47	46	0	NNE	1	0	1	-	55	43	*	-			
	Lorient ...	30.19	57	NW	3	8	30.23	+0.9	45	44	-3	N	3	8c	2	-	63	43	*	-			
	Rochefort ...	30.12	56	N	3	8	30.16	+0.8	47	46	-2	N	3	C	*	C,8	61	43	*	-			
	Biarritz ...	30.18	53	NNW	3	8c	30.20	+0.5	49	48	-4	N	0	m	2	-	57	46	*	-			
	Paris ...	30.08	47	NNW	5	0	30.11	+1.5	43	39	-1	NNW	3	0	*	-	53	41	*	-			
	Belfort ...	29.86	38	W	6	0	29.90	+1.8	36	35	-4	WSW	5	0	*	-	55	35	*	-			
	Lyons ...	29.99	45	NNW	3	C	30.00	+0.9	40	36	-4	N	2	prsh	*	prsh	51	39	*	0.04			
Nice ...	29.53	48	SW	1	8c	29.59	+0.7	49	39	+1	NE	5	8	2	-	55	43	*	0.08				
Perpignan ...	29.93	56	NW	4	8	30.00	+1.2	48	40	-12	NW	4	8	*	-	62	48	*	-				
SPAN. PEN.	Corunna ...																		*	-			
	Lisbon ...																		*	-			
SPAN. PEN.	Azores (P. Delgada) ...																		*	-			
	" (Horta) ...	30.05	56	N	0	C	30.04	-0.4	54	52	-1	NW	1	8c	1	-	63	52	*	-			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR THURSDAY, 9th APRIL, 1903.

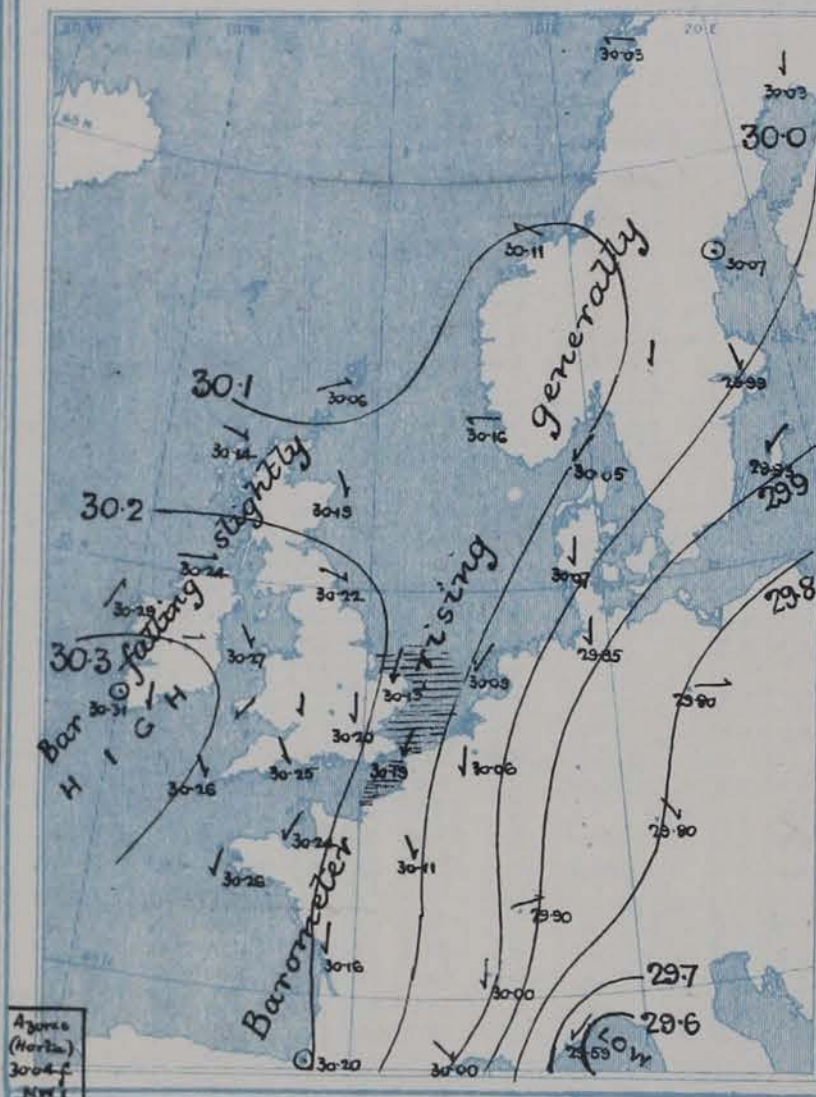
I. BAROMETER, WIND AND SEA. This Morning.

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

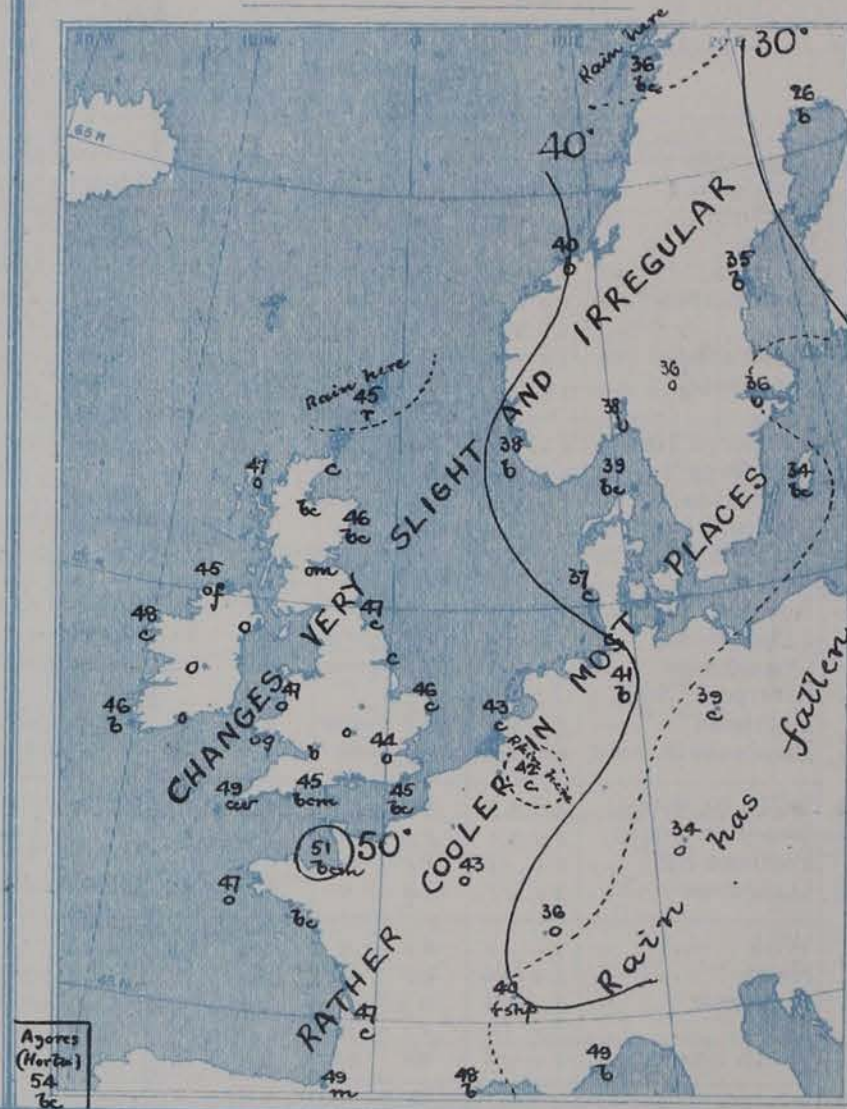


II. TEMPERATURE AND WEATHER. This Morning.

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 APRIL.

Specimen { Average No of } 5.2
(for Stornoway) { Hours daily }
Total Possible 14.2



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

APRIL. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning, the barometer has risen in most parts of our area, but fallen over Germany and the east and south-west of France. A considerable modification in the distribution of barometric pressure has thus been brought about, the readings now being highest, above 30.5 ins., in an anticyclone extending from the Atlantic over the western half of Ireland, and lowest, 29.4 ins. and less, in a cyclonic disturbance of diminishing energy over Denmark and the Baltic. The barometer is also low, about 29.5 ins., in a small cyclonic system which has appeared over the Riviera. Gradients are less steep than of late and tending to decrease.

WIND

TEMPERATURE

WEATHER

AND

SEA

With this change of pressure distribution the wind has veered to the N^d generally, but over Germany the S.W. current still continues, and at Valencia a light air from the S^d is reported. It blows freshly or strongly over the United Kingdom and the North Sea and with the force of a gale in the south-west of Norway, but over Scandinavia generally it has little strength. Temperature has risen slightly in most places, but has fallen over Germany, Denmark, and at most English stations. Over our Islands, where it is still above rather than below the normal, it ranges from 50° at Jersey and 49° at Valencia, and Leith to 43° in London and to 42° at Newton Reigny, Wick and Lumburg Head. The continental values range from 33° at Bodø and Hernösand and below 40° over Scandinavia, Denmark and Germany generally to 44° at Paris, 53° at Biarritz, and to 61° at Perpignan.

The weather is cloudy or dull in most regions, with rain at Lyons, some German stations and Stockholm, and snow at Hernösand. In some British and Irish localities, and in scattered parts of the Continent, however, the sky is partially or entirely clear. The sea is high at the Helder, rough or rather so on the east coast of England, at Cape Gris Nez, Holyhead, and on our extreme northwest and north coasts.

The maximum temperatures registered over our Islands yesterday were below 50° in the extreme north, but in London and at Oxford the thermometer rose to 54°, and at Dungeness to 56°. Showers fell in most districts and lightning was observed at Lismouth. Over Germany and Sweden the rain has been heavy; at Frankfurt there was 1.5 ins., and at Karlstadt 2.4 ins. is reported to have fallen. Bright sunshine was more prevalent in the west and north of our Islands than in the south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no definite indications of the approach of any further disturbances towards our Islands, and it is probable that the western anticyclone will continue to extend or to move eastwards. Cool, fair weather and dry N^w winds seem likely to prevail over the Kingdom as a whole, but hail or rain showers may be experienced locally.

FORECASTS *

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

DISTRICTS.



FORECASTS.

DISTRICTS.

FORECASTS.

1	SCOTLAND NORTH	N ^w winds, moderating; fair generally, but some local showers of rain or sleet.
2	SCOTLAND EAST	
3	ENGLAND N.E.	N ^w winds, fresh to moderate; fair and cool generally, but slight showers still probable locally.
4	ENGLAND EAST	
5	MIDLAND COUNTIES	
6	ENGLAND SOUTH	

6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	N ^w winds, falling lighter; fair as a whole, but local showers of hail or rain.
8	ENGLAND S.W.	
9	IRELAND NORTH	N ^w or N.E. ^w winds, moderate or light; fair generally, but some hail or rain showers in north.
10	IRELAND SOUTH	
WARNINGS		The North Cone is still up in District 0 and part of 1.

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	*	c, bc	53	39	3.0	-
Newton Reigny (Penrith)	29.72	43	NW 6	c	30.09	+ .47	42	41	0	NW 3	bc	*	07.7g, c	48	36	3.5	0.18
Bath	29.89	51	W 3	bc	30.14	+ .27	47	43	- 2	NW 1	bc	*	-	55	42	3.4	-

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	44	0, c, 0	2.8	0.04	Eastbourne	*	*	*	1.3	*
Rhyl	*	*	*	2.5	*	Hastings	*	*	*	1.0	*
Llandudno	*	*	*	2.0	*	Lowestoft, to 6 p.m. ...	52	45	07g, c	5.1	0.02
Aberystwyth, to 6 p.m. ...	50	47	0 c	3.0	-	Harrogate, to 6 p.m. ...	51	43	0, bc	8.6	0.04
Plymouth, to 9 p.m. ...	52	47	07m, bc	1.7	0.01	Manchester, to 9 p.m. ...	50	44	bcg, bc, oug	4.0	0.01
Worthing	*	*	*	1.5	*	Darwen, to 9 p.m. ...	47	40	0p, cg, og	2.6	0.10
Brighton	*	*	*	3.0	*	Birmingham, to 9 p.m. ...	51	43	0, c, bc	2.1	0.01

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

STATIONS. 7 th IV, 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	52	41	0, 0	Ins.	Tunis	63	45	c, c	Ins.
Madrid Not recd.					Algiers	64	54	c, bc	—
Vienna	48	32	0, 0	?	Madeira (Funchal) ...	66	54	c, 0	—
St. Petersburg	34	27	0, 0	0.12					
Trieste	55	45	bc, bc	—	6 th IV, 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Florence	60	36	bc, bc	—					
Rome	59	44	bc, bc	—	Lugano	61	—	bc	—
Corsica (I. Sanguinaires) ...	63	48	m, m	—	Davos	32	—	0	0.67
Naples	57	44	bc, bc	—	Lucerne	48	—	c	0.04
Palermo	66	40	bc, bc	—	Lausanne	50	—	bc	0.08
Malta	61	55	?, 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.					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.	8 th IV, 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	5.12	11.55	6.37
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	5.23	12.2	6.41
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	5.23	12.14	7.5
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	6.2	12.43	7.23
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 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, 10th April,

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° Fabr. 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 ...	30.05	32	N	2	0	29.97	-0.06	26	26	0	SSW	2	0	*	-	45	19	*	-
	Hernösand ...	30.13	31	Z	0	0	30.13	+0.06	37	32	+2	Z	0	0	*	-	46	31	*	-
	Stockholm ...	30.19	34	W	2	0	30.26	+0.27	35	32	-1	SW	2	0	*	-	41	32	*	-
	Wisby ...	30.19	35	Z	0	0	30.31	+0.38	34	?	0	Z	0	0	*	-	37	34	*	-
	Karlstad ...	30.22	37	Z	0	0	30.27	+0.18	35	32	-1	S	2	0	*	-	*	*	*	-
	Färder (X'ania Fjord) ...	30.19	40	WNW	2	0	30.22	+0.11	41	39	+3	S	2	0	1	-	45	37	*	-
	Bodö ...	29.89	42	S	2	0	29.90	-0.13	39	37	+3	SW	4	0	2	-	47	36	*	0.20
	Christiansund ...	30.02	46	E	2	0	30.10	-0.01	42	39	+2	WSW	4	0	4	-	46	39	*	0.12
	Skudesnaes ...	30.24	42	WSW	2	0	30.23	+0.07	41	41	+3	E	2	0	1	0,0	46	38	*	*
	Sumburgh Head ...	30.12	44	WSW	2	0	30.11	+0.05	43	42	-2	SW	3	0	4	0,0	48	40	*	0.02
BRITISH ISLANDS.	Stornoway ...	30.22	47	NW	4	0	30.18	+0.04	41	40	-6	SSW	3	0	3	0,0	50	39	0.4	-
	Malin Head ...	30.29	48	W	2	0	30.28	+0.04	45	44	0	SW	2	0	2	0,0	50	43	*	0.04
	Blacksod Pt. ...	30.32	50	NW	2	0	30.29	0.00	48	47	0	SSE	2	0	2	0,0	51	45	*	-
	Valencia ...	30.31	53	NW	1	0	30.31	0.00	49	48	+3	SSE	1	0	3	0,0	54	40	9.8	-
	Roche's Point ...	30.31	51	SW	2	0	30.32	0.00	50	50	+5	W	2	0	1	0,0	52	44	*	-
	Parsonstown ...	30.32	50	NW	1	0	30.31	0.00	48	46	+2	Z	0	0	*	0	51	45	0.0	-
	Donaghadee ...	30.29	50	WNW	1	0	30.31	+0.03	46	45	-1	NNE	1	0	1	-	50	44	*	-
	Liverpool Obsy. ...	30.30	45	WNW	2	0	30.33	+0.07	46	45	+1	WNW	1	0	1	-	48	45	*	-
	Holyhead ...	30.31	46	NW	1	0	30.31	+0.04	48	47	+1	SW	1	0	1	0,0	48	45	*	-
	Pembroke (St. Ann's) ...	30.29	47	NE	5	0	30.31	+0.02	48	47	+1	NE	2	0	2	-	49	46	0.0	-
GERMANY, &c.	Scilly (St. Mary's) ...	30.29	49	N	3	0	30.29	+0.03	49	47	0	NNE	1	0	1	0,0	54	46	9.2	-
	Jersey (St. Aubins) ...	30.27	51	N	3	0	30.25	+0.11	48	46	-3	NE	2	0	2	0,0	54	37	9.3	-
	Portland Bill ...	30.29	51	NE	1	0	30.34	+0.09	50	47	+5	Z	0	0	0	0,0	54	45	*	-
	Dungeness ...	30.27	47	ENE	4	0	30.34	+0.15	46	43	+1	ENE	3	0	1	0,0	51	33	*	-
	Wick ...	30.18	42	NW	3	0	30.16	+0.03	44	42	-4	W	2	0	1	-	50	40	*	-
	Nairn ...	30.18	52	E	1	0	30.21	+0.06	45	44	-3	WSW	1	0	1	-	61	40	*	0.11
	Aberdeen ...	30.20	52	WNW	2	0	30.23	+0.04	46	44	0	E	1	0	2	0,0	57	43	2.6	-
	Leith ...	30.19	53	WSW	1	0	30.23	+0.02	50	48	+2	WSW	2	0	4	-	56	45	*	-
	North Shields ...	30.23	48	SE	2	0	30.25	+0.03	48	46	+1	WSW	2	0	2	0,0	50	42	*	-
	Spurn Head ...	30.26	45	E	3	0	30.30	+0.11	44	42	-1	SSE	2	0	2	-	50	42	*	-
FRANCE.	Yarmouth ...	30.23	47	NNE	3	0	30.31	+0.18	44	41	-2	Z	0	0	3	0,0	49	35	*	-
	Loughborough ...																			
	Oxford ...	30.29	49	NE	1	0	30.35	+0.09	44	42	0	Z	0	0	0	0,0	55	43	*	-
	London (Brixton) ...	30.25	48	NNE	2	0	30.34	+0.14	43	41	-1	NE	1	0	0	0,0	49	34	0.3	-
	The Scaw (Skagen) ...	30.21	40	Z	0	0	30.27	+0.22	39	37	0	WSW	3	0	1	-	46	37	*	-
	Fanö ...	30.26	36	Z	0	0	30.34	+0.27	37	36	0	E	1	0	*	-	46	32	*	-
	Cuxhaven ...	30.16	42	NE	3	0	30.33	+0.38	41	40	0	NE	1	0	*	-	45	41	*	-
	The Helder ...	30.21	43	NE	4	0	30.32	+0.23	43	41	0	NE	1	0	0	-	46	41	*	-
	Brussels ...	*	*	*	*	*	30.33	+0.27	39	37	-3	ENE	1	0	*	-	49	34	*	-
	Berlin ...	30.06	44	N	3	0	30.21	+0.41	37	32	-2	N	3	0	*	-	48	36	*	-
SPAN. PEN.	Frankfurt ...						30.23		40	37		N	2	0	*	-	50	36	*	0.16
	Munich ...	29.98	33	W	2	0	30.09	+0.29	32	32	-2	W	4	0	*	-	41	30	*	-
	C. Gris Nez ...	30.21	46	NE	4	0	30.28	+0.16	40	39	-3	ENE	3	0	2	-	52	36	*	-
	Brest ...	30.25	53	NE	2	0	30.32	+0.06	43	42	-4	ENE	2	0	1	-	57	41	*	-
	Lorient ...	30.21	57	N	3	0	30.31	+0.08	42	41	-3	E	3	0	2	-	61	41	*	-
	Rochefort ...	30.10	58	NNE	3	0	30.25	+0.09	41	41	-6	ENE	4	0	*	0,0	59	39	*	-
	Biarritz ...	30.21	53	NNW	3	0	30.23	+0.03	44	44	-5	Z	0	0	2	-	57	43	*	-
	Paris ...	30.16	48	NNE	5	0	30.32	+0.21	37	35	-6	NNE	3	0	*	-	53	33	*	-
	Belfort ...	30.04	34	ENE	2	0	30.15	+0.25	35	34	-1	NE	2	0	*	-	45	32	*	-
	Lyons ...	30.10	37	NNW	2	0	30.16	+0.16	37	35	-3	NNW	5	0	*	-	45	34	*	0.12
SPAN. PEN.	Nice ...	29.64	50	NE	1	0	29.81	+0.22	47	37	-2	SE	2	0	4	-	61	39	*	-
	Perpignan ...	29.95	54	NW	4	0	30.04	+0.04	47	40	-1	NW	4	0	*	-	59	45	*	-
	Corunna ...																			
SPAN. PEN.	Lisbon ...	29.87	71	NNE	4	0	29.91	-0.01	63	50	-2	NNE	5	0	*	-	79	59	*	-
	Azores (P. Delgada) ...	30.08	55	N	3	0	30.08	+0.03	57	54	+3	Z	0	0	2	-	63	54	*	-
	„ (Horta) ...	30.09	53	Z	0	0	30.08	+0.04	54	50	0	Z	0	0	1	-	63	52	*	-

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

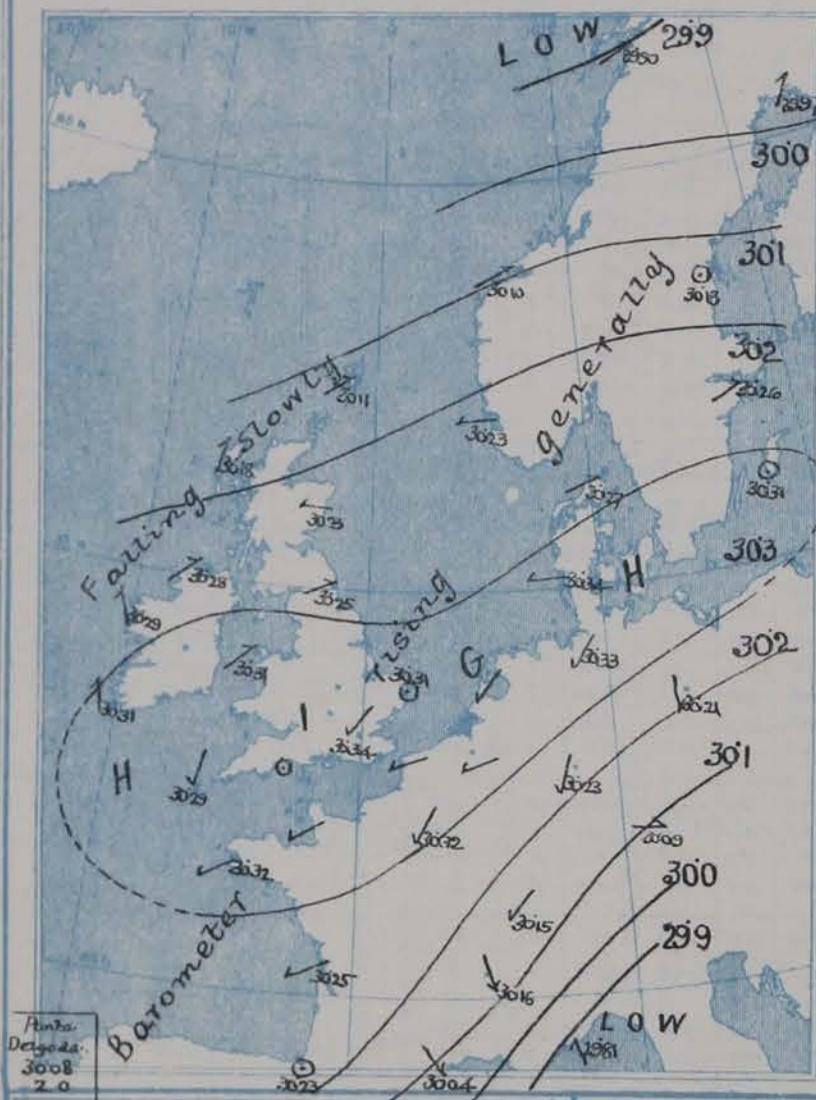
FOR FRIDAY, 10TH APRIL, 1903.

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 about 10 → Force 5 to 7 → } Calm ☉
Force 8 to 10 → Force 1 to 4 →
SEA—Rough High

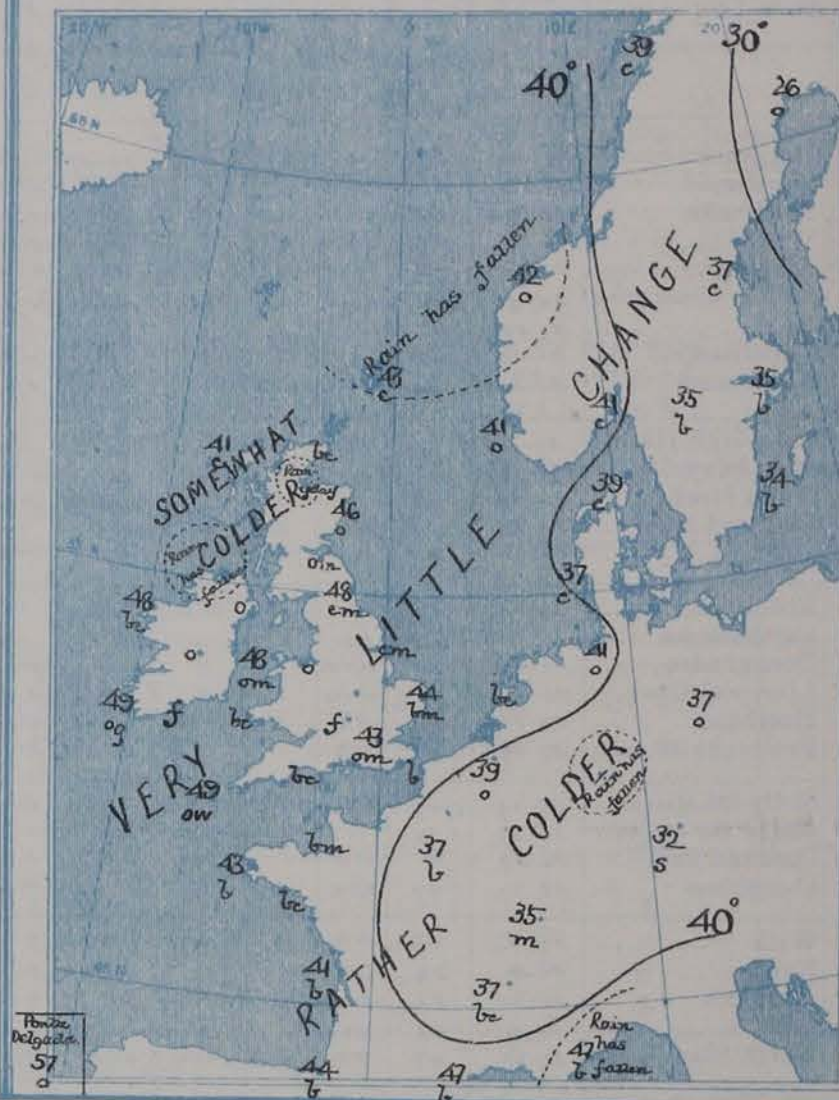


II. TEMPERATURE AND WEATHER. This Morning.

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.



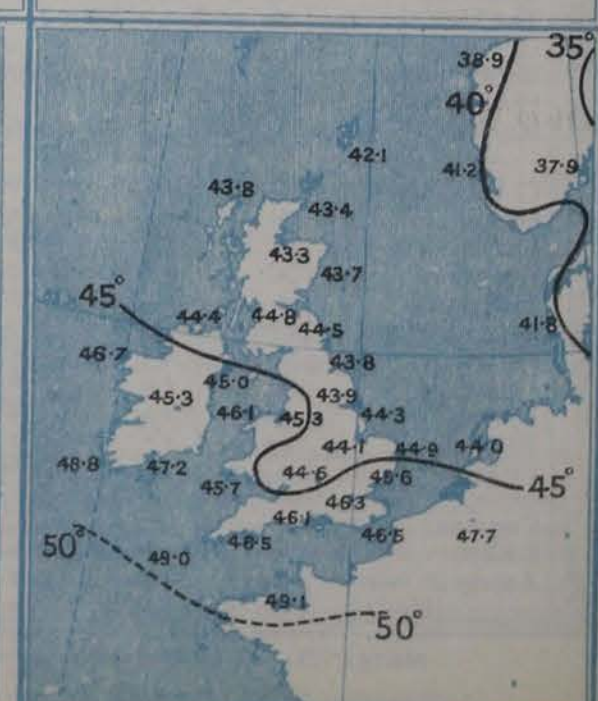
IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for APRIL.

Specimen (for Stornoway) { Average No of Hours daily } 5.2
{ Total Possible } 14.2



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, above 30.3 ins. to 30.1 ins., in an anticyclonic ridge extending northwards from the Atlantic across our Islands and the North Sea to Norway, and lowest, 29.6 ins. and less, in a small, but rather deep cyclonic disturbance over the Gulf of Genoa. Pressure is still increasing over the greater part of our area, but a gentle decrease has commenced on our extreme north and west coasts. Gradients are slight except over the southeast of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light to moderate or fresh N^W winds are reported over the western countries of the Continent and also over the major portion of the United Kingdom, but in the Shetlands, Hebrides, and north of Ireland the wind has become W^W or SW^W again.

Temperatures continue above the mean over the northern half of our Islands, but is below it at several southern stations. It ranges from 51° at Jersey and 48° in some Scotch localities to 44° at Oxford and in London and to 42° at Newton Regny. Over the Continental parts of our area the readings vary from 48° at Biarritz and Nice to 45° at Paris, 39° at Berlin, 36° at Stockholm, and to 26° at Haparanda.

Dry weather prevails in almost all parts of western and northwestern Europe, the only exceptions being in the Shetlands, where rain is falling, and at Lyons, where sleet and hail showers are reported. Much cloud, however, prevails over our Islands and their immediate neighbourhood. The sea is moderate to smooth except at Cape Gris Nez and Yarmouth.

The maximum temperatures recorded over our Islands yesterday varied greatly in different districts; at Leith the reading was as high as 60°, at Bath 58°, and in the southern and central parts of Ireland 57°, while at several stations on our eastern and northwestern coasts the thermometer remained below 50°. Scarcely any rain has fallen within our area generally, but at Brussels there has been a fall of 0.32 in.; the amount of bright sunshine registered yesterday was large — Eastbourne had 11 hours, Jersey 11.1 hours, and Harrogate 11.3 hrs.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The high pressure will probably move slowly E^{NE} or NE^{NE}. It appears likely to remain the dominant system over northwestern Europe for at least two or three days, so that cool, fair weather is anticipated generally. Our extreme northwest and west coasts may, however, come under the influence of fresh cyclonic disturbances from the Atlantic.

NOTICE. The Daily Weather Report for to-morrow (Good Friday), Sunday the 12th, Monday the 13th, and Tuesday the 14th inst., will all be issued on Tuesday next. The Report for Saturday, April 11th will be issued, as usual, on that day.

FORECASTS *

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

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

Light to fresh W^W or SW^W winds;
cloudy or dull, some rain.

1 { SCOTLAND
EAST

Light and variable or N^W winds; fair
generally.

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

Light or moderate N^W or NE^W winds;
fair, cool and dry generally, but a
good deal of cloud inland.

5 { ENGLAND
SOUTH

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

Same as No. 0.

7 { ENGLAND
N.W.

Wind light and mainly N^W; fair cool.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

Same as No. 0.

10 { IRELAND
SOUTH

Light variable winds; fair as a whole.

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	"	bc	50	40	6.5	0.02	
Newton Reigny (Penrith)	30.15	48	NW 3	c	30.25	+ .16	42	42	0	Z 0	m	"	bc, cm	56	33	7.5	-	
Bath	30.15	54	NW 3	b	30.26	+ .12	47	44	0	N 1	b	"	-	58	38	9.0	-	

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....	52	40	c, b, c	8.4	-	Eastbourne	*	*	*	11.0	*
Rhyl	*	*	*	8.8	*	Hastings	*	*	*	9.3	*
Llandudno	*	*	*	9.7	*	Lowestoft, to 6 p.m. ...	48	38	c, p, c	3.8	0.07
Aberystwyth, to 6 p.m. ...	50	47	b, c	8.0	-	Harrogate, to 6 p.m. ...	54	37	c, d, b, c, v	11.3	0.04
Plymouth, to 9 p.m....	55	45	b, c, b	10.4	-	Manchester, to 9 p.m. ...	54	36	r, b, c, m	4.8	0.03
Worthing	*	*	*	10.4	*	Darwen, to 9 p.m. ...	52	35	p, b, c, m, w	9.1	0.02
Brighton	*	*	*	9.7	*	Birmingham, to 9 p.m. ...	45	38	c, b	6.4	0.01

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.
...8...IV...1903.		Max.	Min.					Max.	Min.		
Utrecht...	...	54	37	bc, r	Ins. 0.39	Tunis	...	64	41	bc, 0	—
Madrid	...	79	41	b, b	—	Algiers	...	66	54	b, b	—
Vienna	...	61	43	b, r	?	Madeira (Funchal)	Not recd.				
St. Petersburg	...	43	34	0, r	—						
Trieste	...	54	43	b, 0	—						
Florence	...	61	43	b, 0	—	...7...IV...1903.		1 p.m.		1 p.m.	Measured 7 a.m.
Rome	...	62	42	bc, 0	—						
Corsica (I. Sanguinaires)	...	61	46	m, m	—	Lugano	...	61	—	b	—
Naples	...	58	46	c, bc	—	Davos	...	45	—	b	0.12
Palermo	...	63	43	b, bc	—	Lucerne	...	55	—	b	—
Malta	...	58	50	?, c	—	Lausanne	...	54	—	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.	9. IV. 1900.	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	5.10	11.55	6.39
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	5.21	12.2	6.43
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	5.20	12.14	7.7
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	6.0	12.43	7.25
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 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, 11th April,

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 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.	Ins.	°	°	°									
SCANDINAVIA.	Haparanda ...	29.97	32	SSW	2	0	29.89	-0.08	32	31	+6	SSW	2	0	0	0	37	18	*	-
	Hernösand ...	30.08	39	2	0	0	29.88	-0.25	35	33	-2	S	4	0	0	0	52	25	*	-
	Stockholm ...	30.24	41	S	2	0	30.13	-0.13	41	37	+6	SSW	2	0	0	0	48	35	*	-
	Wisby ...	30.29	37	2	0	0	30.17	-0.14	36	33	+2	2	0	0	0	0	39	27	*	0.0.8
	Karlstad ...	30.21	40	SW	2	C	30.05	-0.22	40	39	+5	SW	2	0	0	0	*	*	*	-
	Færder (X'ania Fjord) ...	30.15	39	S	2	f	29.97	-0.25	41	39	0	SW	5	0	3	0	43	37	*	-
	Bodö ...	29.79	39	SW	4	f	29.58	-0.32	40	39	+1	S	4	0	1	0	40	37	*	0.28
	Christiansund ...	29.93	43	SW	2	C	29.89	-0.51	46	40	+4	S	1	0	3	0	46	41	*	-
BRITISH ISLANDS.	Skudesnaes ...	30.15	43	S	4	0	29.77	-0.46	42	41	+1	S	8	0	5	0	46	41	*	*
	Sumburgh Head ...	29.91	43	SW	3	0	29.42	-0.69	43	43	0	WSW	4	0	6	0,0	47	40	*	0.21
	Stornoway ...	29.99	46	SW	5	f	29.57	-0.61	41	40	0	WNW	5	0,5	5	0,5	48	39	1.4	0.44
	Malin Head ...	30.10	50	SW	2	0	29.84	-0.44	44	44	-1	W	6	0,9	5	0,0	52	43	*	0.07
	Blacksod Pt. ...	30.16	49	SW	5	omp	30.03	-0.26	49	47	+1	W	5	0,0	5	0,0	52	46	*	0.10
	Valencia ...	30.26	50	SSW	3	0,9	30.17	-0.14	49	47	0	WSW	4	0,0	4	0,0	51	47	0.2	-
	Roche's Point ...	30.28	50	WSW	3	0,0	30.17	-0.15	49	47	-1	W	3	0	3	0,0	51	47	*	-
	Parsonstown ...	30.19	55	SW	1	C	30.08	-0.23	47	46	-1	SW	1	0,0	0,0	0,0	58	46	0.7	0.01
GERMANY, &c.	Donaghadee ...	30.17	52	SW	3	0	29.96	-0.35	47	47	+1	W	3	0	2	0	53	46	*	0.02
	Liverpool Obsy. ...	30.25	49	NW	1	C	30.04	-0.29	49	47	+3	WSW	2	0	3	0	54	46	*	-
	Holyhead ...	30.24	49	SW	2	0	30.07	-0.24	48	47	0	WSW	3	0	2	0,0	53	47	*	-
	Pembroke (St. Ann's) ...	30.24	48	W	4	0,0	30.17	-0.14	48	46	0	SW	5	0,0	4	0,0	55	45	8.8	-
	Scilly (St. Mary's) ...	30.30	51	NNW	1	0,0	30.25	-0.04	50	47	+1	SW	3	0,0	2	0,0	54	47	5.7	-
	Jersey (St. Aubins) ...	30.31	53	NW	2	0	30.27	-0.08	48	46	0	ENE	2	0,0	2	0,0	56	48	10.3	-
	Portland Bill ...	30.32	50	SW	1	C	30.23	-0.11	46	45	-4	W	3	0,0	3	0,0	54	44	*	-
	Dungeness ...	30.33	47	2	0	0	30.22	-0.12	49	48	+3	WSW	4	0,0	3	0	52	40	*	-
FRANCE.	Wick ...	29.94	47	W	2	C	29.54	-0.62	45	43	+1	WNW	4	0	2	0	48	40	*	0.12
	Nairn ...	29.99	48	W	2	C	29.61	-0.60	43	42	-2	W	3	0	2	0	52	42	*	0.10
	Aberdeen ...	30.04	44	SW	1	C	29.66	-0.57	50	44	+4	SW	4	0	2	0,0	52	43	3.6	-
	Leith ...	30.11	50	WSW	2	0	29.77	-0.46	48	45	-2	WSW	4	0,0	*	0	53	47	*	-
	North Shields ...	30.15	54	W	2	0	29.88	-0.37	51	47	+3	SW	3	0	2	0	58	45	*	-
	Spurn Head ...	30.20	48	S	3	0,0	30.00	-0.30	48	47	+4	SW	4	0	3	0	50	43	*	-
	Yarmouth ...	30.28	47	SSW	4	0,0	30.10	-0.21	48	45	+4	WSW	4	0,0	3	0,0	48	40	*	-
	Loughborough ...	30.28	50	S	2	0	30.17	-0.18	47	44	+3	SW	2	0,0	*	0,0	55	44	*	-
SPAIN, &c.	Oxford ...	30.28	50	S	2	0	30.16	-0.18	47	46	+6	W	3	0,0	*	0,0	54	42	0.3	-
	London (Brixton) ...	30.29	51	2	0	0,0	30.16	-0.18	47	46	+6	W	3	0,0	*	0,0	54	42	0.3	-
	The Scaw (Skagen) ...	30.22	42	WSW	3	*	30.07	-0.20	41	39	+2	SW	3	0,0	1	0	46	39	*	0.04
	Fanö ...	30.32	39	2	0	0	30.15	-0.19	42	40	+5	S	2	0	*	0	45	37	*	-
	Cuxhaven ...	30.33	44	NNW	2	0	30.21	-0.12	41	38	0	S	1	0	*	0	46	34	*	-
	The Helder ...	30.32	44	NNE	1	0	30.14	-0.18	45	43	+2	SW	2	0,0	1	0	48	34	*	-
	Brussels ...	*	*	*	*	*	30.26	-0.07	42	41	+3	SW	1	0	*	0	48	33	*	-
	Berlin ...	30.25	40	NNW	4	0	30.17	-0.04	39	37	+2	NNW	3	0	*	0	45	34	*	-
FRANCE.	Frankfurt ...	30.23	40	N	2	0	30.19	-0.04	39	36	-1	N	2	0,0	*	0	54	39	*	-
	Munich ...	30.17	32	W	3	S	30.10	+0.01	32	?	0	SW	4	0	*	0	36	32	*	-
	C. Gris Nez ...	30.30	42	ENE	2	0	30.23	-0.05	45	43	+5	SW	3	0,0	2	0	50	40	*	-
	Brest ...	30.35	50	NW	2	0,0	30.26	-0.06	44	44	+1	E	1	0	0	0	57	43	*	-
	Lorient ...	30.28	54	W	2	0,0	30.24	-0.05	43	43	+1	ENE	2	0,0	2	0	57	41	*	-
	Rochefort ...	30.21	55	NE	3	0	30.23	-0.02	44	43	+3	ENE	2	0	0	0	63	39	*	-
	Biarritz ...	30.22	54	N	4	0	30.23	-0.02	43	41	-1	E	2	0	2	0	57	41	*	-
	Paris ...	30.29	48	ENE	3	0	30.28	-0.04	46	35	-1	NE	2	0	*	0	55	30	*	-
SPAN. PEN.	Belfort ...	30.21	41	ENE	3	0	30.16	+0.01	39	36	+4	ENE	3	0	*	0	48	35	*	-
	Lyons ...	30.16	45	NNW	3	0	30.17	+0.01	39	36	+2	NNW	3	0	*	0	50	37	*	-
	Nice ...	29.87	50	SSE	1	0	29.84	+0.03	52	41	+5	NE	4	0	*	0	61	43	*	-
	Perpignan ...	30.05	55	NW	4	0	30.06	+0.02	50	41	+3	NW	4	0	*	0	61	47	*	-
SPAN. PEN.	Corunna ...	30.10	58	NNE	1	0	30.05	-0.03	59	55	+2	ESE	4	0	3	0	66	55	*	-
	Lisbon ...	30.10	58	NNE	1	0	30.05	-0.03	59	55	+2	ESE	4	0	3	0	66	55	*	-
	Azores (P. Delgada) ...	30.07	55	Z	0	0	29.97	-0.11	55	51	+1	NW	2	0	1	0	64	52	*	-



NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

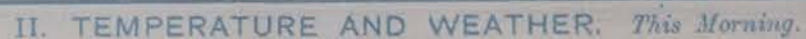
* Observations for this column not generally received.

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

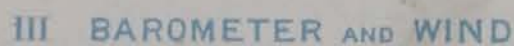
FOR SATURDAY, 11TH APRIL, 1903.

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

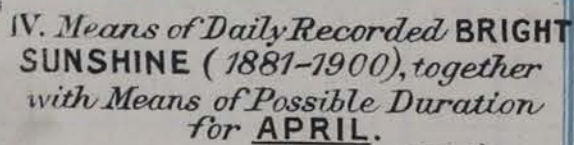
Force above 10 → → : Force 5 to 7 → → : } Calm ☉
 Force 8 to 10 → → : Force 1 to 4 → → :
 SEA.—Rough  High 



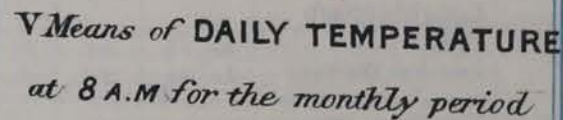
TEMPERATURE.—Isotherms are drawn for each 10°. WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.) RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6



Yesterday morning



Specimen (for Stornoway)	{ Average No of Hours daily Total Possible }	5.2 14.2
-----------------------------	--	-------------



APRIL. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A large anticyclone now covers the greater part of western and northern Europe, the highest pressures 30.3 ins and upwards, being found over Ireland, England and the north of France and in a long narrow band stretching thence across the Netherlands and Denmark to the Baltic. The lowest readings, 29.8 ins. and less, are reported over the Gulf of Genoa, but pressure is also low, 29.9 ins. and less, in a cyclonic area lying off the northwest of Norway. The barometer is rising over western Europe generally, but is falling slightly on our own extreme north and northwest coasts.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light from the SW over the northern parts of the United Kingdom and also in Scandinavia, but is N^W in Denmark and central France and NE^W over the Netherlands, the south of England and the north and west of France, as well as in the Spanish peninsula. Temperature has fallen in the north of Scotland and also in France, Belgium and Germany but has changed very little elsewhere. In the west and north of our Islands the readings are above the average, those at Leith and Roches Point being as high as 50°, but over east and central England the thermometer is below 45°, and is slightly below the normal. Over Sweden, Denmark, Belgium south Germany and central France the readings are below 40° while in the north of Sweden they are below the freezing point. The weather is cloudy or dull over northwestern Europe generally, with mist or fog at several of the English and Irish stations, but is fine on the south and east coasts of England, and also in France and the south of Sweden. The sea is slight or smooth generally.

During yesterday the thermometer at many of the English stations failed to reach 50°; in the east of Scotland, however, it exceeded 55° and at Hain it rose to 61°. The amount of bright sunshine varied greatly in different places, but was apparently largest (9 hours or more) on our extreme southwest coasts. Slight rain fell in the north of Scotland and the west of Norway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 11TH April

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.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun-	Rainfall
	Ins.	°			Ins.	Change.	Dry.	Wet.	Change.				Max.	Min.	shine.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	b	50	35	4.6	-
Newton Reigny (Penrith) ...	30.23	48	Z 0	+	30.29	+0.06	46	45	+4	Z 0	c	om, c	53	37	0.0	-
Bath	30.26	53	H 1	b	30.32	+0.06	47	43	0	H 1	b	-	55	42	2.3	-

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.	49	35	0	0.0	-	Eastbourne	*	*	*	3.5	*
Rhyl	*	*	*	0.0	*	Hastings	*	*	*	5.1	*
Llandudno	*	*	*	0.0	*	Lowestoft, to 6 p.m. ...	47	42	c, b	8.7	-
Aberystwyth, to 6 p.m. ...	51	45	b, 0	7.0	-	Harrogate, to 6 p.m. ...	53	39	b, d, o, c, o	0.8	-
Plymouth, to 9 p.m.	57	42	b, b, c	9.1	-	Manchester, to 9 p.m. ...	54	36	om, o, g	0.0	-
Worthing	*	*	*	5.7	*	Darwen, to 9 p.m. ...	52	37	b, om	0.0	-
Brighton	*	*	*	4.0	*	Birmingham, to 9 p.m. ...	51	41	0	0.4	-

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

STATIONS 7 th April, 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	48	39	c, 0	0.04	Tunis	73	50	b, c, b, c	Ins.
Madrid	82	39	b, c, b	-	Algiers	79	57	b, c	-
Vienna	54	39	b, c, 0	0.04	Madeira (Funchal) ...	66	54	0, 0	-
St. Petersburg	46	36	0, t	0.20	8 th April, 1903.				
Trieste	54	43	0, 0	0.43					
Florence	55	41	0, 0	0.39	1 p.m.				
Rome	56	45	c, 0	-	Lugano	61	—	b	Measured 7 a.m.
Corsica (I. Sanguinaires) ...	61	46	f, f	-	Davos	32	—	s	0.12
Naples	59	49	0, 0	0.12	Lucerne	45	—	0	0.20
Palermo	68	54	b, 0	-	Lausanne	41	—	t	0.04
Malta	63	57	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.B.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 April, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.8	11.54	6.40
Greenwich	5.18	12.1	6.44
Wick	5.17	12.13	7.9
Valencia	5.58	12.42	7.26

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 Sunday, 12th April,

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 ...	29.62	32	W	4	0	29.50	-.39	34	32	+2	SSW	4	0	*	-	37	23	*	-		
	Hernösand ...	29.60	37	S	4	0	29.39	-.49	35	34	0	S	2	0	*	-	43	30	*	0.16		
	Stockholm ...	29.76	37	S	2	0	29.52	-.61	40	37	-1	S	4	0	*	-	50	32	*	-		
	Wisby ...	29.87	37	Z	0	0	29.65	-.52	40	37	+4	S	2	0	*	-	45	36	*	-		
	Karlstad ...	29.66	41	SSW	4	7	29.43	-.62	39	37	-1	WSW	4	7	*	-	*	*	*	0.08		
	Färder (X'ania Fjord)	29.54	41	SSW	6	7	29.34	-.63	40	37	-1	WSW	4	3	*	-	41	37	*	0.08		
	Bodö ...	29.33	44	E	4	0	29.19	-.39	43	40	+3	E	2	0	1	-	45	37	*	-		
	Christiansund ...	29.28	41	SW	2	0	29.21	-.38	38	36	-8	W	5	0	4	-	46	38	*	0.08		
	Skudesnaes ...	29.47	41	WSW	6	0	29.33	-.44	36	35	-6	NW	8	0	5	7.0	43	32	*	*		
	Sumburgh Head ...	29.29	35	W	4	37	29.52	+1.0	34	33	-9	NW	6	5	6	c, 37	43	29	*	0.25		
BRITISH ISLANDS.	Stornoway ...	29.59	39	NW	9	7	29.86	+2.9	35	32	-6	NNW	5	0.75	5	0.75	44	34	6.3	0.16		
	Malin Head ...	29.86	42	NW	8	c, 37	29.95	+1.1	41	36	-3	NNW	8	0.75	6	0.75	45	36	*	0.10		
	Blacksod Pt. ...	30.14	45	NW	6	0	30.19	+1.6	43	40	-6	NW	5	c, 37	4	0.75	50	38	*	0.04		
	Valencia ...	30.20	47	N	5	0	30.25	+1.09	44	40	-5	NNW	3	0.75	4	0	52	40	0.8	0.05		
	Roche's Point ...	30.13	51	NNW	5	0	30.22	+1.05	43	40	-6	NW	3	0	2	0	54	38	*	-		
	Parsonstown ...	30.09	47	WNW	4	0	30.17	+1.09	41	38	-6	W	3	0.75	3	0.75	53	35	4.4	-		
	Donaghadee ...	29.94	41	NW	5	c, 37	30.01	+1.05	38	36	-9	NW	3	0	2	c, 37	50	34	*	0.08		
	Liverpool Obsy. ...	29.93	46	W	6	0	30.00	+1.04	42	38	-7	WNW	6	0	5	7.0	53	37	*	0.02		
	Holyhead ...	29.99	45	NW	5	c, 37	30.07	+1.08	44	41	-4	WNW	6	0.75	5	0.75	54	39	*	-		
	Pembroke (St. Ann's)	30.06	48	WNW	5	0	30.15	+1.02	43	40	-5	NW	5	0.75	4	-	50	40	0.3	-		
GERMANY, &c.	Scilly (St. Mary's) ...	30.14	50	W	4	0	30.18	+1.07	46	42	-4	NNW	4	0	3	c, 0	54	41	6.4	-		
	Jersey (St. Aubins) ...	30.14	52	W	3	0.75	30.14	+1.13	47	42	-1	NW	3	0.75	3	0.75	56	45	11.0	-		
	Portland Bill ...	30.07	50	WNW	4	0	30.11	+1.12	43	40	-3	NW	4	0	2	0.75	52	40	*	-		
	Dungeness ...	30.02	50	WSW	6	0	30.02	+1.20	44	41	-5	N	5	0	2	0.75	53	36	*	-		
	Wick ...	29.51	39	NW	7	0	29.69	+1.15	34	33	-11	N	5	0	3	-	48	29	*	0.10		
	Nairn ...	29.54	35	WNW	4	0	29.82	+1.21	34	33	-9	WNW	2	0	1	0.75	47	29	*	0.31		
	Aberdeen ...	29.58	40	WSW	4	0	29.79	+1.13	35	31	-15	WNW	5	0	2	0.75	53	32	7.3	0.05		
	Leith ...	29.72	39	W	4	0	29.87	+1.10	42	37	-6	W	2	0	*	0.75	53	33	*	0.03		
	North Shields ...	29.77	46	WSW	3	0	29.89	+1.01	39	35	-12	W	3	0	2	c, 7.0	55	33	*	-		
	Spurn Head ...	29.82	50	W	5	0	29.91	+1.09	41	39	-7	WNW	6	0.75	4	-	53	38	*	-		
FRANCE.	Yarmouth ...	29.90	52	WSW	4	0	29.92	+1.18	42	37	-6	NW	5	0	4	0.75	52	34	*	0.02		
	Loughborough ...	29.99	41	SW	2	0	30.06	+1.11	42	37	-5	W	2	0	*	0.75	53	35	*	-		
	Oxford ...	29.98	52	SW	5	0	30.05	+1.11	43	38	-6	NW	3	0	*	0.75	51	27	0.6	-		
	London (Brixton) ...	29.98	52	SW	5	0	30.05	+1.11	43	38	-6	NW	3	0	*	0.75	51	27	0.6	-		
	The Scaw (Skagen) ...	29.61	43	NNW	5	7	29.41	-.66	39	38	-2	WSW	3	0	1	-	45	37	*	0.12		
	Fanö ...	29.73	44	SSW	4	7	29.56	-.59	41	38	-1	SW	6	0	*	-	46	39	*	0.08		
	Cuxhaven ...	29.95	50	SW	3	0	29.69	-.52	44	40	+3	W	4	0	*	-	52	41	*	0.08		
	The Helder ...	29.87	47	SW	4	0	29.84	-.30	43	39	-2	NW	5	0.75	4	-	50	41	*	0.04		
	Brussels ...	*	*	*	*	*	29.97	-.29	43	39	+1	WNW	3	0	*	-	?	41	*	0.04		
	Berlin ...	29.98	46	E	1	0	29.73	-.44	41	39	+2	S	2	0	*	-	52	34	*	-		
SPAN. PEN.	Frankfurt ...	30.00	47	N	2	0	29.84	-.35	43	40	+4	S	2	0	*	-	59	39	*	-		
	Munich ...	30.04	34	W	5	7	29.92	-.18	38	37	+6	W	4	0	*	-	39	32	*	0.47		
	C. Gris Nez ...	29.98	48	WSW	4	7	30.00	-.23	41	39	-4	NW	5	0	4	-	50	41	*	-		
	Brest ...	30.19	54	NW	1	0	30.16	-.10	47	44	+3	N	2	0	1	-	59	44	*	-		
	Lorient ...	30.18	55	W	4	0	30.14	-.12	50	48	+7	N	2	0.75	2	-	59	43	*	-		
	Rochefort ...	30.16	53	WNW	4	0	30.12	-.11	48	48	+4	NNE	3	0	*	0	61	44	*	-		
	Biarritz ...	30.19	54	N	3	0	30.17	-.06	49	49	+6	S	1	0	2	-	57	43	*	-		
	Paris ...	30.10	54	Z	0	0	30.02	-.26	48	46	+12	NW	2	0	*	-	59	36	*	-		
	Belfort ...	30.04	48	ENE	3	0	29.99	-.17	38	36	-1	WSW	2	0	*	-	55	34	*	-		
	Lyons ...	30.07	52	N	1	0	30.04	-.13	48	41	+9	NW	1	0	*	-	57	39	*	-		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR SUNDAY, 12TH APRIL, 1903.

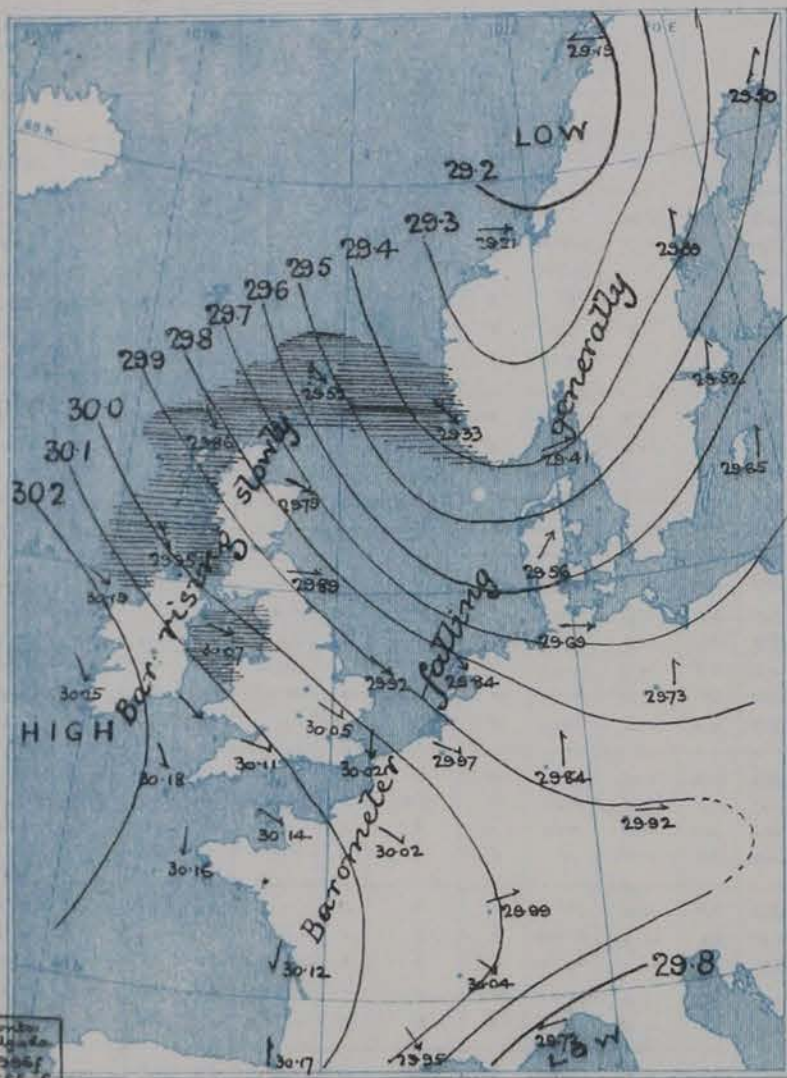
I. BAROMETER, WIND AND SEA. This Morning.

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

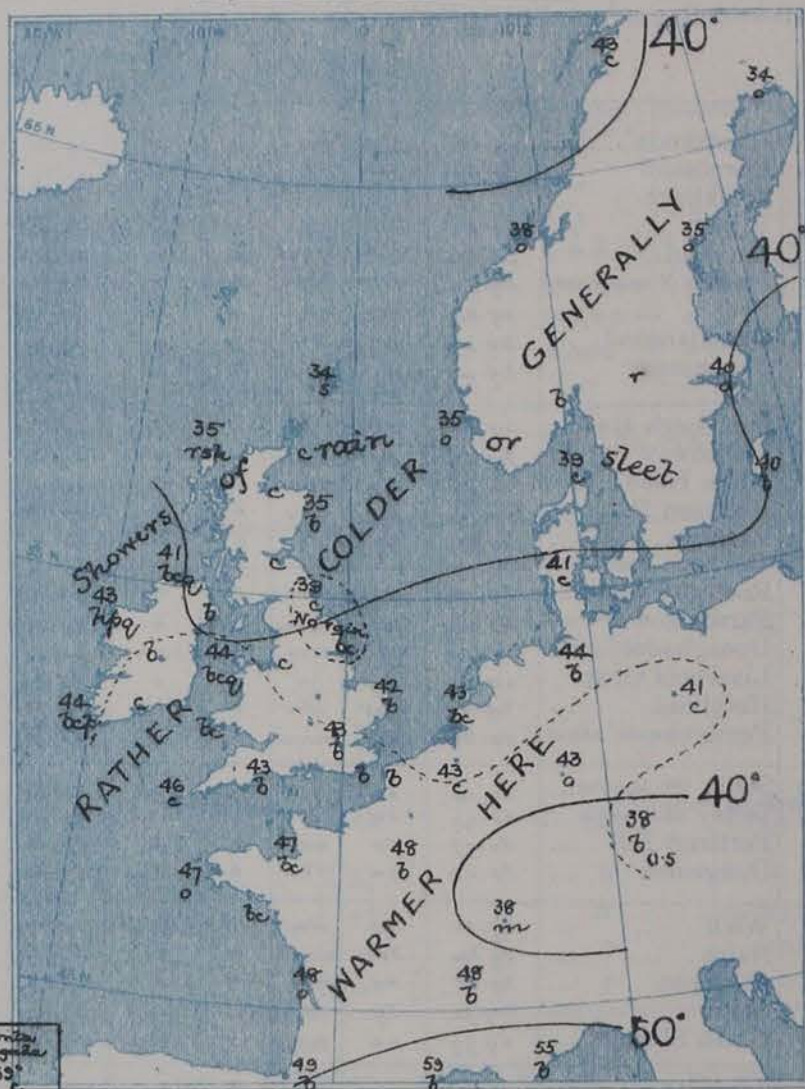


II. TEMPERATURE AND WEATHER. This Morning.

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 APRIL.

Specimen (for Stornoway) { Average No of } 5.2
Hours daily }
{ Total Possible } 14.2



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

APRIL. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The high pressure area is now receding Southwards, while a rather large and important cyclonic disturbance has arrived off the north of Scotland. The barometer at present varies from 30.2 ins. and upwards in an anticyclone extending from the Atlantic over France, the Channel, and our southern counties to North Germany to 29.4 ins. and less to the northward of the Shetlands. Gradients are moderate to slight, but are increasing somewhat over the more northern districts.

WIND

The wind continues North Easterly over France, but over the United Kingdom and the North Sea it has again become South Westerly or Westerly, and in Norway, Southerly; it is light or moderate generally, but fresh at some north western stations and strong to a gale on the south west coast of Norway.

TEMPERATURE

Temperature has changed irregularly but as a whole shows an upward tendency. Over our Islands it is mostly above the normal, ranging from 51° at North Shields and 50° at Scilly and Aberdeen to 41° in the Hebrides. The continental values vary from 52° at Nice to less than 40° over Germany, the inland departments of France, and the north of Scandinavia. At Paris the reading is only 36°, while at Munich and Haparanda the thermometer stands at freezing point.

WEATHER

AND

SEA

The sky is clear over France, the Netherlands, Denmark and Sweden, but cloudy or overcast in most other regions. Showers or steady rain have set in on our western and north western coasts and also on the west coast of Norway, while at Munich snow is falling. The sea is slight or smooth except in the extreme north and north west.

The highest temperature recorded in our Islands yesterday was 58° at Parsonstown and North Shields, but at Yarmouth the thermometer did not exceed 48°. Some rain has fallen in the extreme north and north west, but elsewhere the weather has been dry. Almost continuous sunshine was experienced yesterday on the south, and south east coasts, but very little over the Kingdom as a whole.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in the north will probably travel away northeastwards or eastwards, but is likely to be followed by other systems. Unsettled weather, with rain at times, will extend gradually over the Kingdom, but our more south eastern and southern counties are likely to remain fair during the ensuing 24 hours.

FORECASTS *

For the 24 hours ending at NOON on 12 April

1903

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

W^{ly} (SW to NW) winds, increasing in force; cloudy or dull, some rain. Rather mild.

Wind chiefly W^{ly}, light or moderate; fair and mild generally, but some rain not improbable in north.

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

Same as Nos 0 and 1.

SW^{ly} and W^{ly} winds, increasing in force; cloudy or dull, some rain - most in W. and N.

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	50	45	11.0	—
Newton Reigny (Penrith)	30.18	49	SW 3	c	29.95	-.34	46	45	0	SW 4	0	*	0.8c, p, v	57	44	6.0	0.01
Bath	30.26	55	W 1	b	30.18	-.14	47	45	0	W 4	0	*	—	56	45	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. ...	55	46	0.8, 0	3.3	-	Eastbourne ...	*	*	*	11.5	*
Rhyl ...	*	*	*	4.1	*	Hastings ...	*	*	*	11.7	*
Llandudno ...	*	*	*	*	*	Lowestoft, to 6 p.m. <i>Not recd.</i>	*	*	*	*	*
Aberystwyth, to 6 p.m. ...	51	45	3c m	7.0	-	Harrogate, to 6 p.m. ...	57	42	0.8c	7.7	-
Plymouth, to 9 p.m. <i>Not recd.</i>	*	*	*	*	*	Manchester, to 9 p.m. <i>Not recd.</i>	*	*	*	*	*
Worthing ...	*	*	*	10.4	*	Darwen, to 9 p.m. ...	51	42	0.0 m, 0	6.0	-
Brighton ...	*	*	*	9.8	*	Birmingham, to 9 p.m. <i>Not recd.</i>	*	*	*	*	*

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

STATIONS. 10 April 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht ...	50	36	c, c	Ins.	Tunis ...	64	40	bc, f	Ins.
Madrid ...	76	39	b, b	-	Algiers ...	63	52	b, c	-
Vienna ...	50	37	o, r	0.16	Madeira (Funchal) ...	68	52	bc, bc	-
St. Petersburg ...	37	?	r, f	0.20	..... 2 April 1903. 1 p.m.				
Trieste ...	52	45	c, o	-	Lugano ...	39	-	o	-
Florence ...	55	42	b, o	-	Davos ...	36	-	o	0.16
Rome ...	56	39	bc, bc	-	Lucerne ...	35	-	o	0.28
Corsica (I. Sanguinaires) ...	59	41	f, m	-	Lausanne ...	33	-	s	0.20
Naples ...	56	43	bc, bc	0.24					
Palermo ...	64	44	r, o	0.20					
Malta ...	60	36	- 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.

11 April 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	5.6	11.54	6.41
Greenwich ...	5.16	12.1	6.46
Wick ...	5.14	12.13	7.11
Valencia ...	5.56	12.42	7.28

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, 13th April,*

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 ...	29.46	34	S	2	0	29.42	-0.08	34	32	0	SSW	2	0	*	-	37	30	*	0.04			
	Hernösand ...	29.33	35	S	4	0	29.42	+0.03	35	33	0	Z	0	3	*	-	39	34	*	0.04			
	Stockholm ...	29.44	39	S	2	6	29.45	-0.07	36	35	-4	W	2	0	*	-	45	34	*	0.04			
	Wisby ...	29.51	38	Z	0	0	29.47	-0.18	37	34	-3	Z	0	0	*	-	50	28	*	-			
	Karlstad ...	29.37	37	SSW	4	6	29.46	+0.03	35	33	-4	SSW	2	6c	*	-	*	*	*	-			
	Færder (X'ania Fjord)	29.34	39	W	2	6c	29.38	+0.04	36	32	-4	WSW	2	0	3	-	41	34	*	-			
	Bodö ...	29.21	42	ENE	2	0	29.19	-0.00	37	36	-6	NW	6	7	3	-	46	36	*	0.08			
	Christiansund ...	29.30	37	WNW	5	0	29.37	+0.16	36	32	-2	WSW	4	0	4	-	39	36	*	-			
	Skudesnaes ...	29.42	36	SW	6	0	29.32	-0.01	36	35	+1	E	6	0	4	-	39	34	*	-			
	Sumburgh Head	29.46	36	NW	6	0sp	29.55	+0.03	37	34	+3	N	6	0	6	c, sp	39	32	*	0.21			
BRITISH ISLANDS.	Stornoway ...	29.86	35	NNW	5	csp	29.86	-0.00	36	33	+1	N	5	0sp	5	sp, csp	42	35	6.6	0.07			
	Malin Head ...	30.00	38	NW	8	csp	29.94	-0.01	38	34	-3	N	7	6c, sp	6	6c, csp	41	32	*	0.12			
	Blacksod Pt. ...	30.16	44	NW	5	csp	30.09	-0.10	40	36	-3	N	5	6c, sp	4	6c, csp	46	36	*	0.03			
	Valencia ...	30.20	44	N	5	6c	30.14	-0.11	40	38	-4	N	6	c	4	c, 6c	49	39	8.8	0.03			
	Roche's Point ...	30.16	48	NNW	4	6	30.11	-0.11	40	38	-3	NW	4	0	3	c, 6	50	37	*	0.01			
	Parsonstown ...	30.13	44	NW	3	0	30.07	-0.10	38	35	-3	WNW	4	6c	*	-	49	32	7.7	-			
	Donaghadee ...	30.00	40	NNW	5	6csp	29.96	-0.05	34	33	-4	NW	3	csp, sp	3	6csp	45	31	*	0.06			
	Liverpool Obsy.	29.98	39	WNW	6	0	29.91	-0.09	38	35	-4	NW	4	6c	4	0, sp	45	35	*	0.04			
	Holyhead ...	30.04	42	NW	6	6c, sp	29.95	-0.12	40	38	-4	NW	6	csp	4	c, 6c, sp	46	35	*	0.08			
	Pembroke (St. Ann's)	30.08	43	NNW	5	6c	30.03	-0.12	40	37	-3	NW	5	6c	4	-	48	36	8.8	-			
GERMANY, &c.	Scilly (St. Mary's)...	30.14	48	NNW	4	0	30.05	-0.13	46	41	0	NNW	4	0	3	6c, c	50	40	10.6	-			
	Jersey (St. Aubins)...	30.11	48	WNW	4	6c	30.04	-0.10	43	40	-4	WNW	2	0	2	6c, 6c	51	42	9.3	-			
	Portland Bill ...	30.04	46	NW	5	6c	30.00	-0.11	42	38	-1	NW	5	6c	3	6, 6c	49	40	*	-			
	Dungeness ...	29.98	45	N	5	0	29.94	-0.08	43	39	-1	NNW	5	6	3	0	52	30	*	-			
	Wick ...	29.68	34	N	5	0	29.66	-0.03	38	36	+4	N	4	6c	2	c, 3	40	30	*	0.28			
	Nairn ...	29.81	36	WNW	3	6c	29.78	-0.04	34	34	0	W	3	0	3	-	43	29	*	0.04			
	Aberdeen ...	29.74	38	WNW	5	6c, sp	29.65	-0.14	35	34	0	WNW	6	6	3	6, 6c, sp	43	31	10.5	0.06			
	Leith ...	29.83	40	W	2	6c	29.77	-0.10	35	32	-7	WSW	2	0	*	6c, 6c, sp	49	30	*	0.04			
	North Shields ...	29.83	38	NE	2	0	29.75	-0.14	34	32	-5	W	4	0sp	3	c, 6c, sp	47	28	*	0.06			
	Spurn Head ...	29.89	38	W	2	6c	29.76	-0.15	37	35	-4	W	6	6	4	6c, sp	45	34	*	0.20			
FRANCE.	Yarmouth ...	29.86	42	NW	4	c, sp	29.80	-0.12	37	34	-5	WNW	5	6c	4	6c, c, sp	46	29	*	0.01			
	Loughborough ...														*								
	Oxford ...	30.03	38	NW	2	0	29.95	-0.11	38	35	-4	W	2	6	*	0, sp	49	30	*	0.02			
	London (Brixton)...	29.97	45	WNW	4	6	29.91	-0.14	40	35	-3	NW	5	6c	*	c, sp, 6	50	33	6.0	-			
	The Scaw (Skagen)																						
	Fanö ...	29.66	37	W	6	6	29.55	-0.01	37	35	-4	W	4	0	*	6, sp, 3	43	34	*	0.16			
	Cuxhaven ...	29.75	39	WNW	5	0	29.65	-0.04	37	35	-7	W	5	0, sp	*	-	46	36	*	0.04			
	The Helder ...	29.83	42	NW	4	0	29.71	-0.13	40	37	-3	NW	5	0	5	-	45	37	*	-			
	Brussels ...	*	*	*	*	*	29.88	-0.09	37	35	-6	W	3	6c	*	-	50	32	*	0.04			
	Berlin ...	29.73	43	WNW	3	6	29.73	-0.00	36	33	-5	WNW	2	0	*	-	52	30	*	-			
SPAN. PEN.	Frankfurt ...						29.78	-0.06	37	-	-6	S	2	0	*	-	-	-	*	-			
	Munich ...	29.89	37	W	5	0	29.87	-0.05	35	34	-3	SW	4	0	*	-	46	32	*	0.16			
	C. Gris Nez ...	29.94	45	WNW	5	0	29.92	-0.08	39	36	-2	WNW	4	6	3	-	52	38	*	-			
	Brest ...	30.20	46	NE	2	0	30.09	-0.07	46	42	-1	NW	3	0	2	-	52	41	*	-			
	Lorient ...	30.10	48	NNE	4	6	30.09	-0.05	43	41	-7	NNW	2	6c	2	-	59	41	*	-			
	Rochefort ...	30.03	54	NW	4	0	30.05	-0.07	43	41	-5	NE	4	6	*	-	59	39	*	-			
	Biarritz ...	30.10	55	N	3	6	30.06	-0.11	51	50	+2	E	1	0	2	-	59	48	*	-			
	Paris ...	30.01	48	NNW	4	6	30.00	-0.02	40	37	-8	W	2	6	*	-	55	32	*	-			
	Belfort ...	29.91	45	SSW	6	m	29.92	-0.07	36	33	-2	W	4	m	*	-	49	34	*	-			
	Lyons ...														*								
Nice ...	29.62	58	W	1	6	29.69	-0.03	50	46	-5	E	1	6	4	-	64	45	*	-				
Perpignan ...	29.88	65	NW	3	6c	29.96	+0.01	56	49	-3	NW	2	6c	*	-	73	49	*	-				
Corunna ...																		*	-				
Lisbon ...	29.82	68	NNW	4	6	29.82	-0.11	64	55	+2	WSW	1	6	*	-	77	57	*	-				
Azores (P. Delgada)	29.94	59	E	4	6c	29.93	-0.03	59	56	0	E	2	6	3	-	64	55	*	-				
" (Horta) ...	29.90	61	SSE	5	0	29.91	+0.02	60	58	0	NNE	2	0	2	-	64	59	*	-				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR MONDAY, 13th APRIL, 1903.

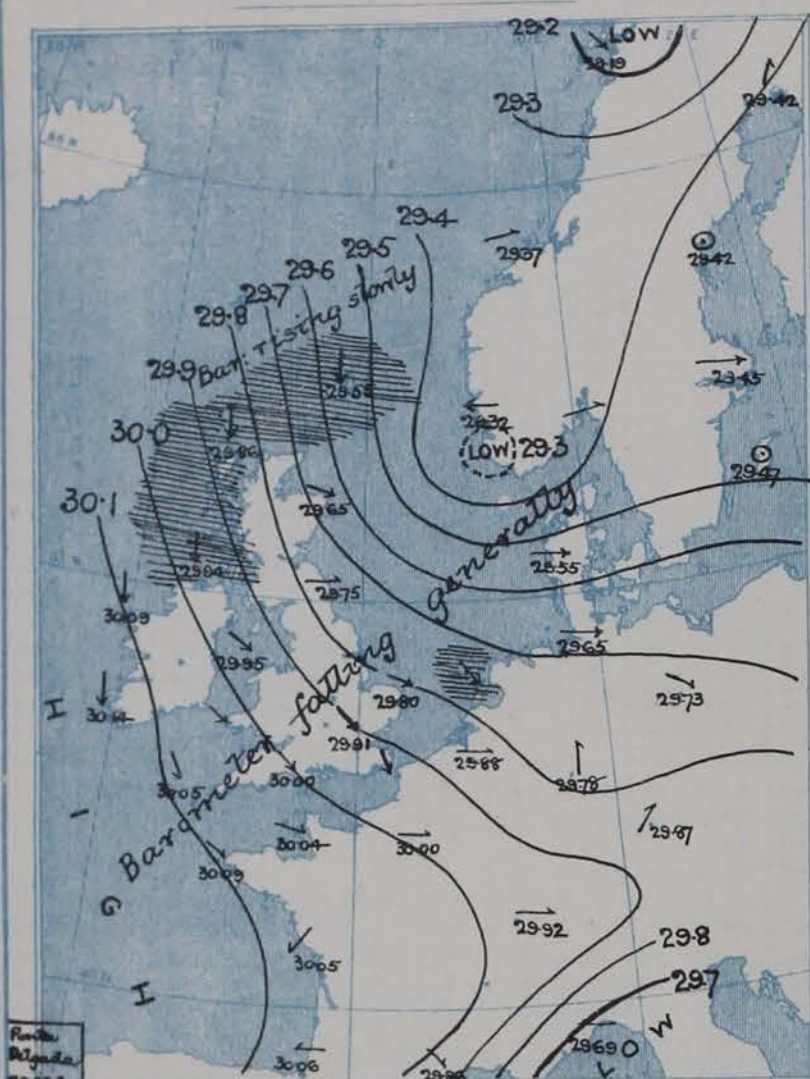
I. BAROMETER, WIND AND SEA. This Morning.

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 APRIL.

Specimen { Average No of } 5.2
(for Stornoway) { Hours daily }
{ Total Possible } 14.2



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

APRIL. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 30.2 in. and upwards, in an anticyclone extending from the Atlantic over the south of Ireland, and lowest, 29.2 in. and less, in a cyclonic system lying over the northern parts of Norway, the gradients being rather steep over the north of Scotland and the North Sea. The mercury is at present rising slightly over the United Kingdom, but is falling at the continental stations, quickly in Sweden and Denmark.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is NW^{ly} over our Islands, France and the Netherlands and strong in force on several of the more exposed parts of our northern coasts, with a gale at Malin Head. In Denmark it draws into W or SW, while in Germany and Sweden it is light from the S^{wd}. Temperature has fallen at all but the French and German stations and is now below the average over the whole of the United Kingdom, the readings being below 45° in all localities excepting the Scilly and Channel Islands, and below 40° at several of our own northern stations; at Sumburgh Head, Wick and Raith the thermometer is as low as 34°. Readings below 45° are reported also over the Netherlands, Germany and the east of France; in the extreme south of France the thermometer stands at or above 55°. The weather is fair or fine over western and central Europe generally, but is showery on our own extreme western and northern coasts, with snow in the Shetlands and Hebrides; rain is falling at Harstad. The sea is rough or rather so on our north and northwest coasts, but is moderate or slight elsewhere.

During yesterday the thermometer rose to between 50° and 55° over the greater part of the United Kingdom, and to 56° at Jersey. The amount of bright sunshine was mostly small, but was as much as 11.0 hours at Jersey and 7.3 hours at Aberdeen. Rain has fallen at most of our northern stations and also over Norway, Denmark and the Netherlands. Frost occurred last night in the north of Scotland, and, on the ground, in many parts of England.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 13th April

1903

DISTRICTS.

FORECASTS.

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

None issued

DISTRICTS.

FORECASTS.

- 6 1 { SCOTLAND WEST
- 7 1 { ENGLAND N.W.
- 8 1 { ENGLAND S.W.
- 9 1 { IRELAND NORTH
- 10 1 { IRELAND SOUTH

None issued

WARNINGS

At 3.20 p.m. yesterday to districts 0 to 2, 6, 7 and 9, and at 7.30 p.m. to districts 8 and 10
Hoist North 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	*	*	*	*	*	*	*	*	*	*	z	*	o, c	54	36	0.8	—
Newton Reigny (Penrith)	*	*	*	*	*	*	*	*	*	*	z	*	—	51	34	0.0	—
Bath	30.03	47	w	z	30.10	-.08	44	39	-3	w	1	z	*	—	—	—	—

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	c, c, p, q	1.3	0.01	Eastbourne	*	*	*	*	*
Rhyl	*	*	*	*	*	Hastings	*	*	*	6.3	*
Llandudno	*	*	*	2.0	*	Lowestoft, to 6 p.m. No 2 repd.	*	*	*	*	*
Aberystwyth, to 6 p.m. ...	51	46	z c	2.0	0.01	Harrogate, to 6 p.m. ...	53	43	c, r, c	2.0	0.04
Plymouth, to 9 p.m. ...	57	41	z c	6.3	—	Manchester, to 9 p.m. ...	52	44	o, u, p, z, c, r	0.3	0.07
Worthing	*	*	*	4.0	*	Darwen, to 9 p.m. ...	49	35	o, d, m, p, c, u	0.6	0.04
Brighton	*	*	*	*	*	Birmingham, to 9 p.m. ...	51	43	o	0.0	—

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

STATIONS. 11. IV. 1908.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht	52	34	o, z c	Ins.	Tunis	63	43	o, o	Ins.
Madrid	75	40	z, z	—	Algiers	63	48	c, z	—
Vienna	43	37	r, r	? 0.08	Madeira (Funchal) ...	66	54	o, o	—
St. Petersburg	41	34	o, f	—	..... 10. IV. 1908.				Measured 7 a.m.
Trieste	55	43	o, o	0.16	1 p.m.				
Florence	57	39	z, o	—	Lugano	59	—	z	—
Rome	56	43	z c, z	0.12	Davos	32	—	o	—
Corsica (I. Sanguinaires) ...	57	45	m, m	—	Lucerne	43	—	o	0.24
Naples	56	45	o, z c	0.28	Lausanne	43	—	z	0.04
Palermo	62	43	z c, r	0.63					
Malta	60	55	? z c	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.

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.

..... 12. IV. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.44	11.54	6.43
Greenwich	5.14	12.1	6.48
Wick	5.11	12.13	7.14
Valencia	5.54	12.42	7.30

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

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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.

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

DAILY WEATHER REPORT

for 8 a.m. on

Tuesday, 14th April, 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.	Häparanda ...	29.43	32	SW	2	o	29.18	-0.24	36	36	+2	SSW	2	c	*	-	36	32	*	0.04	
	Hernösand ...	29.41	30	Z	0	bc	29.20	-0.22	34	32	-1	Z	0	f	*	-	41	30	*	-	
	Stockholm ...	29.39	38	Z	0	b	29.34	-0.11	36	34	0	W	2	b	*	-	45	34	*	-	
	Wisby ...	29.42	36	Z	0	b	29.44	-0.03	36	35	-1	W	2	bc	*	-	41	32	*	-	
	Karlstad ...	29.43	34	Z	0	b	29.37	-0.09	34	32	-1	SW	2	b	*	bc, r	*	*	*	0.04	
	Færder (X'ania Fjord) ...	29.41	39	SSW	1	b	29.38	0.00	35	34	-1	N	1	o	2	-	39	34	*	-	
	Bodö ...	29.40	37	NE	4	r	29.40	+0.21	40	38	+3	Z	0	bc	1	-	41	36	*	0.20	
	Christiansund ...	29.43	34	WNW	1	s	29.44	+0.07	36	35	0	NNE	5	s	4	-	41	34	*	0.20	
	Skudesnaes ...	29.35	39	NNW	2	c	29.43	+0.11	37	35	+1	N	4	b	2	c	43	34	*	*	
	Sumburgh Head ...	29.59	37	NW	6	osp	29.69	+0.14	38	36	+1	N	4	bc	6	c, osp	41	33	*	0.03	
BRITISH ISLANDS.	Stornoway ...	29.93	36	N	6	s	29.93	+0.07	31	30	-5	NNW	4	osp	4	bc, osp	41	30	3.9	0.22	
	Malin Head ...	29.98	38	N	7	bc, r	30.01	+0.07	38	35	0	W	3	c	3	bc, r	42	34	*	0.09	
	Blacksod Pt. ...	30.13	42	NW	4	bc	30.07	-0.02	43	40	+3	SW	4	c	3	bc	45	35	*	0.07	
	Valencia ...	30.15	44	N	3	c	30.17	+0.07	40	37	0	ENE	1	bc	3	c, r	46	31	5.0	0.01	
	Roche's Point ...	30.09	46	N	3	c	30.17	+0.06	40	36	0	NW	3	b	2	c	47	34	*	0.01	
	Parsonstown ...	30.09	40	N	1	c	30.13	+0.06	37	35	-1	SW	1	c	*	-	45	28	8.3	-	
	Donaghadee ...	29.96	40	NW	3	bc, osp	30.03	+0.07	36	35	+2	NW	3	bc, r	3	bc, osp	45	31	*	0.03	
	Liverpool Obsy. ...	29.91	41	NW	6	bc	30.01	+0.10	38	36	0	WNW	5	c	4	-	43	34	*	0.02	
	Holyhead ...	29.98	41	NW	6	bc, r	30.05	+0.10	41	38	+1	NW	5	bc	4	bc, r	43	36	*	0.04	
	Pembroke (St. Ann's) ...	30.03	42	N	4	c	30.10	+0.07	41	37	+1	NNW	5	bc, r	4	c, r, s, p, b	45	36	10.2	-	
GERMANY, &c.	Scilly (St. Mary's) ...	30.05	45	NNW	4	c	30.11	+0.06	45	42	-1	N	4	bc	2	c	49	41	7.1	-	
	Jersey (St. Aubins) ...	29.99	49	WNW	5	c, r	30.13	+0.09	44	39	+1	NW	4	c	3	bc, r, s, p, b	53	40	5.0	0.03	
	Portland Bill ...	29.97	41	NW	4	bc, s, r	30.09	+0.09	41	38	-1	NW	5	b	3	c, r, s, p, b	46	35	*	-	
	Dungeness ...	29.88	43	N	4	c	30.00	+0.06	40	36	-3	NW	4	b	2	bc, s, r, c	47	28	*	0.01	
	Wick ...	29.73	35	N	4	c	29.80	+0.14	35	34	-3	N	4	c	3	-	42	32	*	0.08	
	Nairn ...	29.83	37	N	3	bc	29.90	+0.12	36	34	+2	WNW	1	b	2	-	43	29	*	0.02	
	Aberdeen ...	29.77	39	NW	4	bc, r	29.83	+0.18	35	32	0	WNW	5	bc, r	2	c, r, s, p, b	43	31	6.1	0.07	
	Leith ...	29.83	41	WNW	2	c	29.92	+0.15	39	33	+4	W	1	m	*	-	49	30	*	-	
	North Shields ...	29.78	45	NNW	5	c	29.89	+0.14	37	33	+3	WNW	3	b	4	c	46	31	*	-	
	Spurn Head ...	29.77	43	WNW	6	bc	29.88	+0.12	37	35	0	NW	6	b	5	-	45	35	*	-	
FRANCE.	Yarmouth ...	29.77	43	WNW	5	c	29.88	+0.08	37	34	0	WNW	5	bc	4	bc, s, c, r	45	29	*	0.01	
	Loughborough ...	29.97	36	WNW	3	b	30.04	+0.09	38	34	0	W	3	b	*	p, s, b	46	29	*	-	
	Oxford ...	29.89	43	NNW	4	b	30.02	+0.11	38	35	-2	NW	4	b	*	c, p, s, h, b	48	31	8.3	-	
	London (Brixton) ...	29.89	43	NNW	4	b	30.02	+0.11	38	35	-2	NW	4	b	*	c, p, s, h, b	48	31	8.3	-	
	The Scaw (Skagen) ...	29.39	37	SSW	2	b	29.36	-0.10	35	35	0	ESE	1	o	0	-	43	34	*	0.35	
	Fanö ...	29.22	39	W	4	c	29.45	-0.10	39	37	+2	WNW	4	r	*	c, h, s	43	36	*	0.20	
	Cuxhaven ...	29.51	40	WSW	5	o	29.56	-0.09	41	39	+4	W	5	bc, s, r	*	-	41	36	*	0.32	
	The Helder ...	29.61	43	NW	8	o	29.76	+0.05	39	37	-1	WNW	5	bc	5	-	45	37	*	0.12	
	Brussels ...	29.95	38	NW	2	b	29.95	+0.07	38	37	+1	WSW	2	b	*	-	44	31	*	0.08	
	Berlin ...	29.63	38	NW	2	b	29.53	-0.20	39	37	+3	SW	4	o	*	-	46	30	*	0.04	
SPAN. PEN.	Frankfurt ...	29.88	36	W	2	c	29.84	+0.06	36	33	-1	SW	2	o	*	-	47	32	*	0.08	
	Munich ...	29.83	36	SW	4	o	29.92	+0.05	34	34	-1	NW	5	o	*	-	43	32	*	0.04	
	C. Gris Nez ...	29.85	43	WNW	3	b	29.93	+0.01	37	36	-2	NW	5	b	5	-	46	36	*	-	
	Brest ...	30.06	46	N	3	o	30.14	+0.05	40	37	-6	NE	1	bc	1	-	50	37	*	0.04	
	Lorient ...	30.02	49	N	5	o	30.13	+0.04	41	39	-2	NE	3	bc	2	-	57	39	*	-	
	Rochefort ...	30.00	50	NNW	4	c	30.09	+0.04	41	40	-2	NNE	4	b	*	b, c	57	37	*	-	
	Biarritz ...	30.02	53	NNW	3	b	30.08	+0.02	43	42	-8	NE	1	bc	2	-	59	41	*	-	
	Paris ...	29.92	44	WNW	3	c	30.06	+0.06	33	32	-7	SSW	2	b	*	-	52	28	*	-	
	Belfort ...	29.86	41	W	5	o	30.00	+0.08	33	31	-3	W	5	m	*	-	50	31	*	-	
	Lyons ...	29.95	46	NNW	2	b	30.06	+0.06	37	34	-3	N	1	bc	*	-	54	34	*	-	
Nice ...	29.70	51	E	1	c	29.67	-0.02	49	49	-1	Z	0	bc	2	-	64	45	*	-		
Perpignan ...	29.85	57	N	3	b	30.00	+0.04	50	41	-6	NW	2	b	*	-	65	44	*	-		
SPAN. PEN.	Corunna ...	29.83	64	W	2	b	29.87	+0.05	60	57	-4	S	1	b	*	-	73	54	*	-	
	Lisbon ...	30.00	60	E	1	o	30.02	+0.09	58	54	-1	NE	2	c	3	-	66	55	*	-	
	Azores (P. Delgada) ...	30.00	61	Z	0	o	30.01	+0.10	58	56	-2	W	3	c	2	-	64	57	*	-	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR TUESDAY 14TH APRIL, 1903.

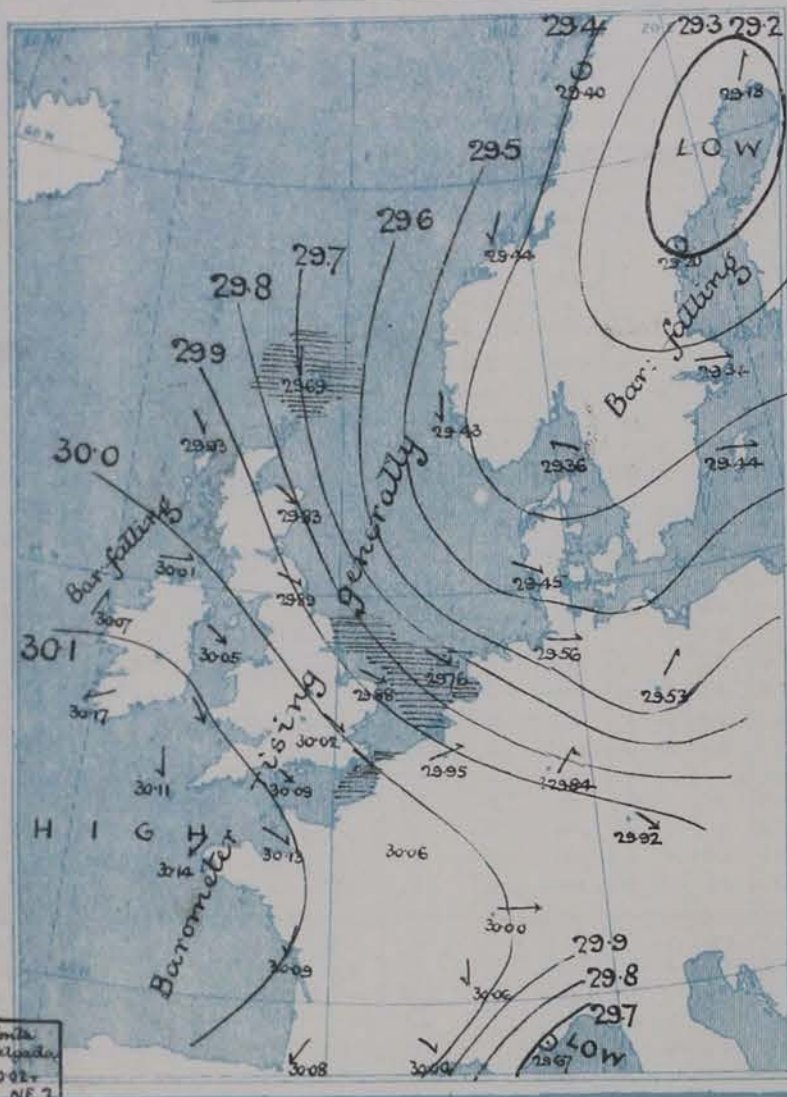
I. BAROMETER, WIND AND SEA. *This Morning.*

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 APRIL.

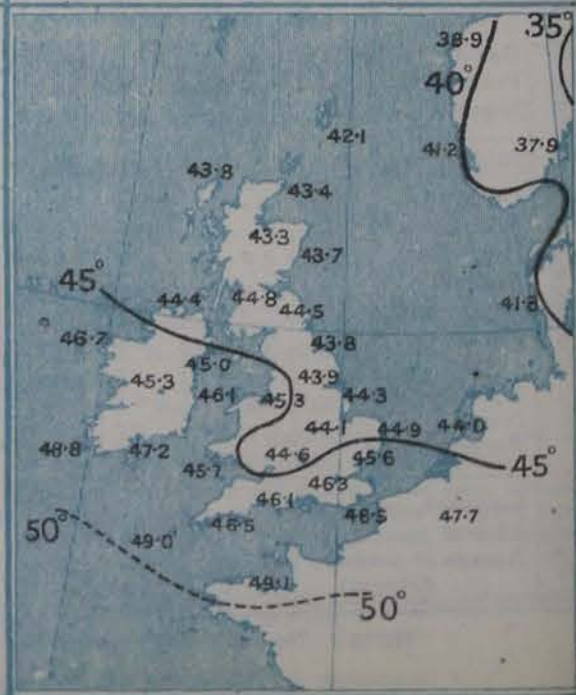
Specimen {Average No of } 5.2
(for Stornoway) {Hours daily }
{Total Possible } 14.2



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

APRIL. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer continues highest in an anticyclone extending eastwards from the Atlantic to the west of Ireland and the Bay of Biscay and lowest in a large disturbance over Scandinavia. The readings range from 30.14 ins. at Valencia (Ireland) and 30.06 ins. at Brandy to 29.30 ins. in a small secondary system near Skudesnaes and to 29.19 ins. at Bodø. Another baric minimum (29.70 ins. and less is still found over the Gulf of Genoa. The mercury has begun to rise again in the north of Scotland, but continues to fall generally.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is moderate to fresh or strong from between North and North West over our Islands and their immediate neighbourhood, but draws into West over north Germany, into South West over Sweden, and into East in the south west of Norway.

The thermometer has fallen very generally since yesterday and the readings are now several degrees below the normal over our Islands and north western Europe. They range from 56° at Perpignan to 46° at Scilly, 40° at Paris, in London, and the south and west of Ireland, and to less than 38° over Germany, Scandinavia, and at most of our own stations. At Nairn, Shields, and Donaghadee the reading is only 2° above freezing point.

The weather is fair in most places and the air very dry, but much cloud is reported at some of our north western and northern stations and over north Germany, with passing showers of hail, sleet, or snow. At Bodø rain is falling. The sea is rough or rather so in the north and north west, moderate or slight on our coasts as a whole.

The maximum temperatures registered over our Islands yesterday were low for the time of year; over the Kingdom generally they were much below 50°, and at Wick and in the Shetlands the respective readings were only 40° and 39°. Frost was experienced last night both in the screen and on the grass in most parts of Great Britain and especially over the eastern and central districts. At North Shields the sheltered thermometer descended to 28°, and at Nairn and Yarmouth to 29°. In London and at Oxford the minima on the grass were 24° and 26°. Hail, sleet, or snow showers have fallen in most localities, but the amounts have not been large.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are no indications of any great change from the conditions now prevailing. Secondary disturbances travelling south-eastwards are still likely to cause showers in various parts of the Kingdom, but chiefly in the north west and north east.

FORECASTS*

For the 24 hours ending at NOON on 14th April 1903

DISTRICTS.

FORECASTS.

1	SCOTLAND NORTH	N ^{ly} and NW ^{ly} winds, fresh or strong in places: hail, sleet, or snow showers: Fair intervals: Frost at night.
2	SCOTLAND EAST	
3	ENGLAND N.E.	
4	ENGLAND EAST	Moderate or fresh winds between NW and N; very cold, dry air. Fine and bright generally, but sleet or hail showers probable. Frost at night.
5	MIDLAND COUNTIES	
6	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

7	SCOTLAND WEST	Same as No. 0 to 2
8	ENGLAND N.W.	
9	ENGLAND S.W.	Moderate or fresh NW ^{ly} winds; sleet or hail showers: Fair intervals. Frost inland at night.
10	IRELAND NORTH	Same as No. 0 to 2
11	IRELAND SOUTH	Same as No. 8.

WARNINGS

At 9.45 a.m. to day to District 8 "LOWER CONE"
The signals are still up in Districts 0 to 2, 6, 7, 9 and 10.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.					THIS MORNING 8 A.M.					PAST 24 HOURS.						
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- sine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	Sc	*	Sc	50	32	7.4	—
Newton Reigny (Penrith)	29.84	36	NW 6	C	29.84		34	33		NW 5	Sc	*	cp 19, 0	43	30	6.3	0.02
Bath	30.03	47	W 4	C	29.96	-1.4	41	36	-3	W 4	C	*	—	50	34	6.6	—

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.	44	36	c, r, s, c	6.3	0.11	Eastbourne	40	30	*	8.2	*
Rhyl	*	*	*	8.5	*	Hastings	*	*	*	8.7	*
Llandudno	*	*	*	5.0	*	Lowestoft, to 6 p.m. <i>Not recd.</i>					
Aberystwyth, to 6 p.m. ...	50	45	c, b	5.0	0.02	Harrogate, to 6 p.m. ...	45	33	b, c, b, v	7.2	—
Plymouth, to 9 p.m. <i>Not recd.</i>						Manchester, to 9 p.m. <i>Not recd.</i>					
Worthing	*	*	*	8.5	*	Darwen, to 9 p.m.	40	31	o, g, r, s, b	2.3	0.18
Brighton	*	*	*	9.2	*	Birmingham, to 9 p.m. ...	48	35	c, r, p, c	6.7	0.02

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

STATIONS.		TEMPERATURE, F.		WEATHER.	RAIN.
Obs ⁿ s not received.	Max. °	Min. °	Rain.		
Utrecht... ..					Ins.
Madrid					
Viennoa					
St. Petersburg					
Trieste					
Florence					
Rome					
Corsica (I. Sanguinaires) ...					
Naples					
Palermo					
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 Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	13. IV., 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	5.2	11.54	6.45
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	5.12	12.1	6.50
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	5.9	12.13	7.17
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	5.52	12.42	7.32
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 Wednesday, 15th April, 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 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 ...	29.23	34	SSW	2	o	29.44	+0.26	34	32	-2	S	6	o	*	-	39	32	*	0.32			
	Hernösand ...	29.28	41	Z	0	o	29.38	+0.18	34	32	0	S	2	o	*	-	45	27	*	-			
	Stockholm ...	29.49	34	S	2	o	29.43	+0.09	39	36	+3	WSW	2	0	*	-	46	28	*	-			
	Wisby ...	29.52	34	Z	0	0	29.50	+0.06	35	34	-1	W	2	o	*	-	43	30	*	-			
	Karlstad ...	29.42	35	SSW	2	0	29.44	+0.07	35	33	+1	WNW	2	o	*	S, 0	*	*	*	-			
	Færder (X'iania Fjord) ...	29.43	39	SW	2	o	29.49	+0.11	37	32	+2	NW	1	0	2	-	39	32	*	-			
	Bodö ...	29.31	35	NE	4	o	29.38	-0.02	30	27	-10	NE	2	S	1	-	40	28	*	-			
	Christiansund ...	29.47	38	NE	4	S	29.52	+0.08	36	34	0	NE	5	S	5	-	38	34	*	0.39			
	Skudesnaes ...	29.58	38	NNW	6	c	29.64	+0.21	36	33	-1	?NNW	4	S	2	0, c	43	34	*	*			
	Sumburgh Head ...	29.73	32	NNE	3	sp	29.82	+0.13	34	33	-4	N	3	c	6	csp	41	30	*	0.10			
BRITISH ISLANDS.	Stornoway ...	29.89	38	NNW	2	o	30.04	+0.11	31	30	0	NNE	1	0	1	S, o	40	30	7.2	0.38			
	Malin Head ...	29.73	40	NW	4	o	30.03	+0.02	39	35	+1	N	4	0	3	rs, o	42	33	*	0.37			
	Blacksod Pt. ...	29.90	47	W	7	rm	30.09	+0.02	41	39	-2	E	2	0	3	rm	47	40	*	0.35			
	Valencia ...	30.10	47	WSW	4	o	30.01	-0.16	41	39	+1	ENE	6	og	4	cr, o	50	40	5.7	0.14			
	Roche's Point ...	30.11	47	WSW	4	0	30.06	-0.11	37	37	-3	NE	3	od	1	0	49	36	*	0.06			
	Parsonstown ...	29.99	46	W	5	c	30.08	-0.05	39	36	+2	NNW	1	o	*	c, p	49	35	2.8	0.11			
	Donaghadee ...	29.85	40	WSW	2	rg	30.01	-0.02	39	35	+3	N	3	0	3	rg	42	34	*	0.24			
	Liverpool Obsy. ...	29.98	41	W	3	o	29.98	-0.03	39	35	+1	NNW	4	0	4	or	44	36	*	0.12			
	Holyhead ...	29.97	42	SW	4	rgm	30.00	-0.05	40	36	-1	NW	5	cp	4	ou, rgm	46	36	*	0.15			
	Pembroke (St. Ann's) ...	30.10	44	W	5	0	30.04	-0.06	38	37	-3	N	3	rg	3	-	47	36	10.5	0.21			
GERMANY. & C.	Scilly (St. Mary's) ...	30.16	47	W	2	0	30.06	-0.05	47	44	+2	W	5	c	4	0	48	40	12.0	-			
	Jersey (St. Aubins) ...	30.18	48	WNW	5	0	30.10	-0.03	48	43	+4	W	5	og	4	0	50	37	10.1	-			
	Portland Bill ...	30.12	46	NW	4	0	29.98	-0.11	47	45	+6	W	5	c	4	0	48	40	*	-			
	Dungeness ...	30.08	46	NW	4	0	29.91	-0.08	46	43	+6	WNW	6	rg	4	0, 0	48	39	*	0.02			
	Wick ...	29.78	38	N	4	c	29.91	+0.11	34	33	-1	NNE	4	c	3	c, s	43	30	*	0.10			
	Nairn ...	29.86	38	WNW	2	c	29.98	+0.08	36	34	0	WNW	1	0	2	-	41	30	*	0.01			
	Aberdeen ...	29.85	38	WNW	4	cv	29.92	+0.09	33	31	-2	NW	4	0	3	0, cv, s	43	30	6.2	0.25			
	Leith ...	29.87	38	WSW	2	m	29.94	+0.02	36	33	-3	WNW	2	m, sp	*	-	48	29	*	0.08			
	North Shields ...	29.89	44	W	3	c	29.85	-0.04	32	30	-5	WNW	3	csp	4	c, s	46	30	*	0.45			
	Spurn Head ...	29.92	43	W	5	c	29.82	-0.06	38	36	+1	NW	6	0	5	-	46	35	*	0.07			
FRANCE.	Yarmouth ...	29.97	45	NNW	4	0	29.73	-0.15	39	37	+2	NW	6	cgs	5	0	46	34	*	0.13			
	Loughborough ...	29.97	45	NNW	4	0	29.73	-0.15	39	37	+2	NW	6	cgs	5	0	46	34	*	0.13			
	Oxford ...	30.07	41	W	2	0	29.97	-0.07	39	37	+1	NW	2	ou	*	0, or	49	38	*	0.04			
	London (Brixton) ...	30.03	46	W	2	0	29.93	-0.09	40	37	+2	WNW	4	o	*	0, or, g	49	37	8.0	0.05			
	The Scaw (Skagen) ...	29.47	37	W	1	0	29.48	+0.12	39	36	+4	NNW	2	0	0	-	45	34	*	-			
	Fanö ...	29.66	40	NW	6	0	29.67	+0.22	39	36	0	WNW	4	0	*	-	45	36	*	0.04			
	Cuxhaven ...	29.63	41	W	5	0	29.77	+0.21	38	36	-3	SW	3	0	*	-	43	37	*	0.12			
	The Helder ...	29.88	42	NW	6	0	29.55	-0.21	41	38	+2	W	7	c	5	-	45	37	*	0.32			
	Brussels ...	*	*	*	*	*	29.88	-0.07	37	36	-1	SW	6	rg	*	-	45	32	*	-			
	Berlin ...	29.78	40	W	3	0	29.89	+0.36	39	37	0	W	4	c	*	-	48	34	*	0.16			
SPAN. PEN.	Frankfurt ...	30.06	36	W	2	c	30.05	+0.21	33	33	-3	SW	3	o	*	-	50	33	*	0.08			
	Munich ...	30.05	34	W	5	0	30.13	+0.21	33	31	-1	W	5	0	*	-	43	30	*	0.04			
	C. Gris Nez ...	30.04	45	WNW	4	0	29.89	-0.04	45	43	+8	WSW	7	rg	7	-	48	37	*	0.04			
	Brest ...	30.21	48	N	2	0	30.16	+0.02	47	42	+7	WNW	3	c	3	-	50	40	*	-			
	Lorient ...	30.17	50	WNW	4	0	30.18	+0.05	41	40	0	Z	0	0	*	-	55	37	*	-			
	Rochefort ...	30.13	51	NE	4	0	30.16	+0.07	43	42	+2	ENE	3	0	*	0, 0	59	37	*	-			
	Biarritz ...	30.10	53	NNE	5	c	30.13	+0.05	42	39	-1	E	2	0	1	-	59	39	*	-			
	Paris ...	30.13	45	N	4	0	30.13	+0.07	41	31	+8	SSW	2	0	*	-	53	28	*	-			
	Belfort ...	30.09	36	W	4	m	30.15	+0.15	31	28	-2	W	2	m	*	-	46	25	*	-			
	Lyons ...	30.13	44	NE	1	0	30.18	+0.12	37	33	0	N	1	0	*	-	50	33	*	-			
Nice ...	29.79	53	ENE	1	c	29.98	+0.31	51	48	+2	NE	1	0	*	-	59	46	*	-				
Perpignan ...	29.99	58	NW	4	o	30.08	+0.08	47	41	-3	Z	0	0	*	-	64	37	*	-				
SPAN. PEN.	Corunna ...																		*	-			
	Lisbon ...																		*	-			
SPAN. PEN.	Azores (P. Delgada) ...																		*	-			
	" (Horta) ...	30.06	60	S	3	o	30.02	+0.01	61	60	+3	SSE	4	f	2	-	64	58	*	0.04			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR WEDNESDAY 15th APRIL, 1903.

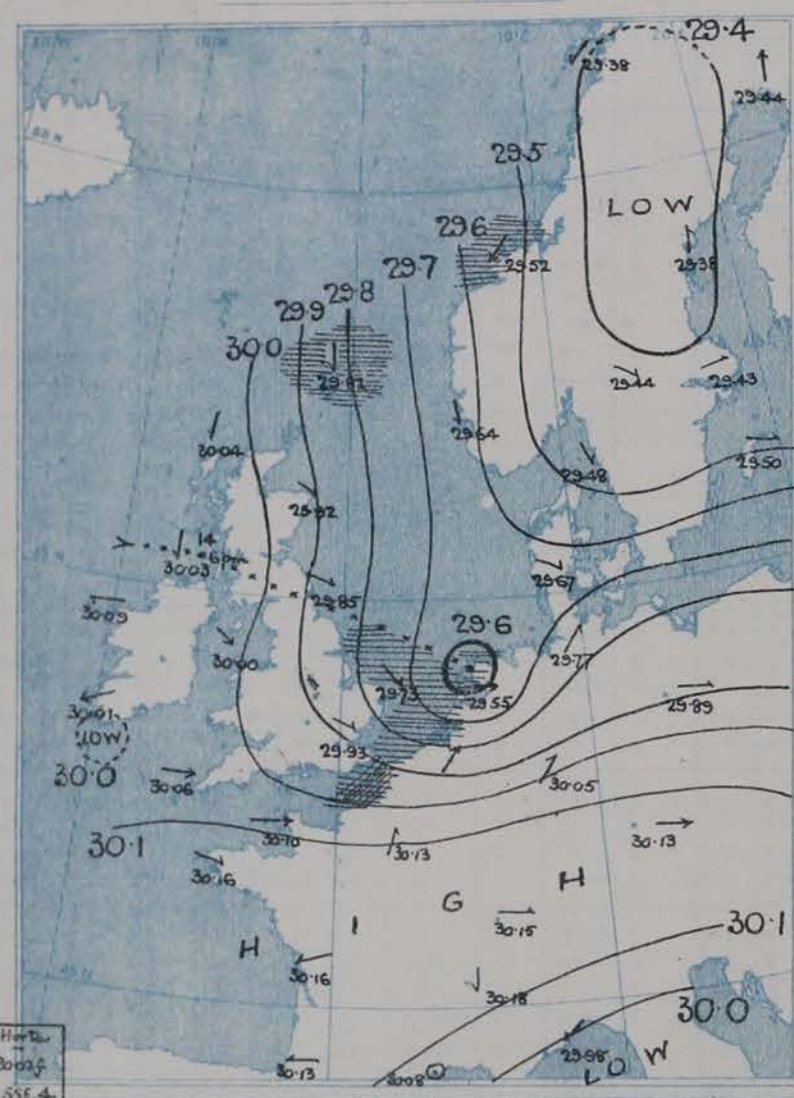
I. BAROMETER, WIND AND SEA. *This Morning.*

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



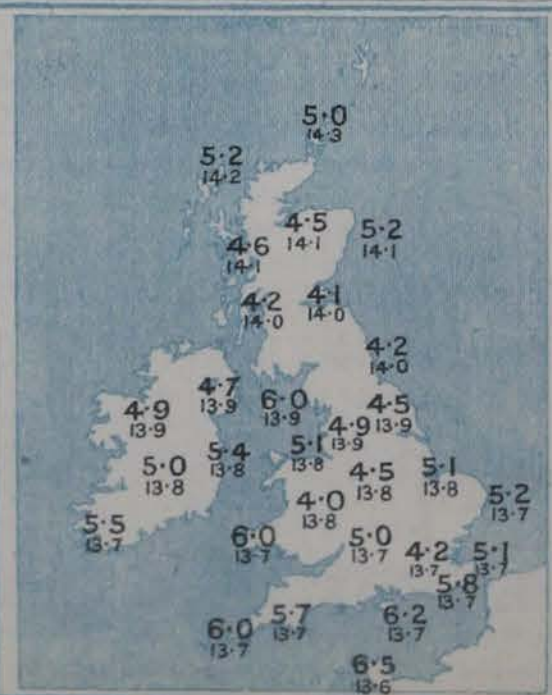
III. BAROMETER AND WIND

Yesterday morning.

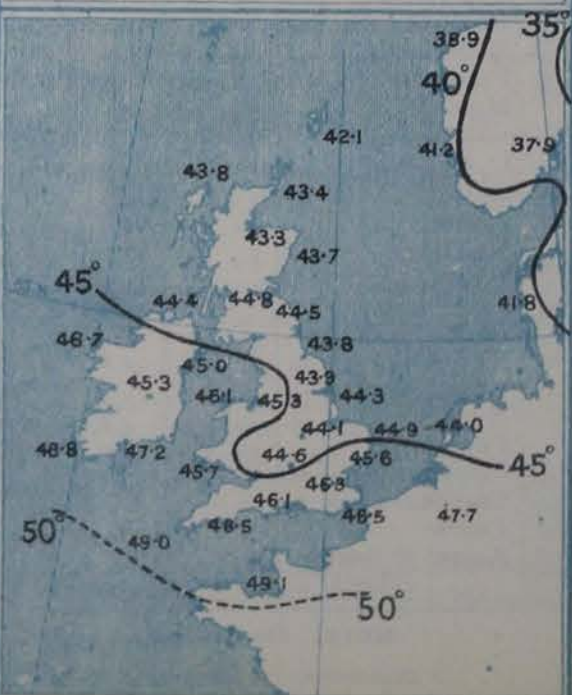


IV. Means of Daily Recorded BRIGHT SUNSHINE (1881-1900), together with Means of Possible Duration for APRIL.

Specimen {Average No of } 5.2
(for Stornoway) {Hours daily }
{Total Possible } 14.2



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure continues highest (above 30.1 ins.) in an anticyclone extending from the Atlantic over the Bay of Biscay, Brittany and over our own southwestern districts and lowest (29.2 ins. and less) in a large but shallow disturbance over the north of Scandinavia. There is also another area of low pressure (29.7 ins. and less) shown over the Gulf of Genoa. The barometer is rising over our area as a whole, but a fresh fall has set in during the night over the northwest of Ireland and the change seems to be spreading eastwards. Gradients are moderate to slight.

WIND

TEMPERATURE

WEATHER

AND

SEA

Under the influence of the baric fall just noted the wind in the north of Ireland has backed to W. or S.W., but over the Kingdom generally and in most continental regions it still blows from the N.W. and is fresh in force in a few British localities, but light or moderate as a whole. Temperature remains very low for the time of year. In most parts of our Islands, France and Germany it is some degrees below 40°, the lowest values being 33° at Paris and Belfort and 34° at Munich and Neuton Reigny, and the highest 50° at Perpignan, 49° at Nice and 45° at Lillo.

The sky is clear or nearly so over the major portion of our area, but hail, snow or sleet showers are reported at Christiansund, Cuxhaven, and at some Scotch stations, and rain at Yand. The sea is rough off the Shetlands, rather so at Spurn Head and Cape Gris Nez, moderate to smooth elsewhere.

The maximum temperatures recorded over our Islands yesterday were, except at Jersey, all below 50°, and in many cases not above 45°. Sharp frost was again experienced in most places during the night, the lowest readings by the sheltered thermometers being 28° at Parsonstown and Dungess and 29° at Tralee, Neuton Reigny, Lismouth and Oxford. In London the thermometer on the grass recorded 23°, and that at Oxford 25°. Sharp frost also occurred over the inland parts of France and Germany. Snow or hail showers were very general yesterday over our Islands and their neighbourhood, but the amounts measured were mostly small. Bright sunshine was very prevalent - especially over England and Wales.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The baric fall in the northwest of Ireland seems to point to the approach of a disturbance which will move in an E^{ly} or SE^{ly} direction and cause the wind to back temporarily towards W. in most districts with some increase of temperature and cloud, and some rain or hail by tomorrow.

FORECASTS *

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

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	NW ^{ly} to W ^{ly} breezes; changeable, some cold showers. Temperature rising somewhat.
1	SCOTLAND EAST	
2	ENGLAND N.E.	NW ^{ly} to W ^{ly} winds, light or moderate generally, but fresh in places; mostly fine and cold today, less settled tomorrow, and rather milder. Frost again tonight.
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.	(NW ^{ly} to W ^{ly} winds, moderate or fresh; fair today, less settled tomorrow. Rather milder.
9	IRELAND NORTH	SW ^{ly} and W ^{ly} to NW ^{ly} winds; temperature rising, weather becoming unsettled, rain or hail showers.
10	IRELAND SOUTH	
WARNINGS		At 7.35 p.m. yesterday to Districts 0, 6, 7, 9, and part of 1, "Hoist North 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	*	*	*	*	*	*	*	*	*	*	8	*	8, 80	47	31	9.5	-
Newton Reigny (Penrith)	29.81	40	NW 5	6c	29.95	+ .11	34	32	0	NW 4	8c	*	cp 2, 8	45	29	8.0	0.01
Bath	29.95	38	NW 2	0	30.07	+ .11	40	36	- 1	NW 1	8	*	-	46	30	5.5	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. ...	45	32	0, clp	9.6	0.03	Eastbourne	*	*	*	6.8	*
Rhyl	*	*	*	8.2	*	Hastings	*	*	*	7.8	*
Llandudno	*	*	*	11.0	*	Lowestoft, to 6 p.m. ...	*	*	*	*	*
Aberystwyth, to 6 p.m. ...	49	40	0c	6.0	-	Harrogate, to 6 p.m. ...	46	29	8, d, 8c, v.	8.9	-
Plymouth, to 9 p.m. ...	*	*	*	*	*	Manchester, to 9 p.m. ...	44	33	5, 8c, 8	4.9	0.03
Worthing	*	*	*	5.3	*	Darwen, to 9 p.m. ...	41	30	crs, cm	0.0	0.02
Brighton	*	*	*	7.8	*	Birmingham, to 9 p.m. ...	43	31	0, 5, 8	7.7	0.03

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

STATIONS. 13. IV. 1903. Obsns. not recd.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. Obsns. not received.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max. °	Min. °				Max. °	Min. °		
Utrecht				Ins.	Tunis				Ins.
Madrid					Algiers				
Vienna					Madeira (Funchal)				
St. Petersburg									
Trieste					12. IV. 1903. Obsns. not received.				
Florence					Lugano	1 p.m.		1 p.m.	Measured 7 a.m.
Rome					Davos				
Corsica (I. Sanguinaires) ...					Lucerne				
Naples					Lausanne				
Palermo									
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.

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.

14. IV. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.59	11.53	6.47
Greenwich	5.9	12.0	6.52
Wick	5.6	12.13	7.24
Valencia	5.49	12.41	7.34

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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, 16th April, 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 ...	29.52	34	S	2	bc	29.59	+15	35	31	+1	E	2	bc	*	-	36	28	*	-		
	Hernösand ...	29.46	33	N	0	o	29.54	+16	32	32	-2	Z	0	f	*	-	39	30	*	0.04		
	Stockholm ...	29.44	34	N	0	r	29.50	+07	35	33	-4	WSW	4	c	*	-	43	30	*	0.16		
	Wisby ...	29.54	35	SSW	2	bc	29.57	+07	37	35	+2	SW	2	bc	*	-	43	28	*	-		
	Karlstad ...	29.52	37	W	2	bc	29.58	+14	36	33	+1	W	2	bc	*	-	*	*	*	-		
	Færder (X'ania Fjord)	29.58	41	W	2	bc	29.70	+21	38	32	+1	NNW	4	c	2	-	43	36	*	-		
	Bodö ...	29.48	35	N	2	o	29.58	+20	33	29	+3	NE	2	bc	1	-	39	30	*	-		
	Christiansund ...	29.73	35	N	4	S	29.82	+30	34	33	-2	N	5	c	5	-	36	32	*	0.08		
	Skudesnaes ...	29.70	37	N	6	bc	29.84	+20	36	33	0	N	8	bc	3	ots, bc	37	32	*	*		
	Sumburgh Head ...	29.98	35	N	5	c	30.15	+33	34	29	0	N	4	bc	6	bcsp, c	41	29	*	0.03		
BRITISH ISLANDS.	Stornoway ...	30.21	36	NE	3	o	30.33	+29	33	32	+2	NNW	4	o	4	sp, c, o	40	31	8.1	0.10		
	Malin Head ...	30.21	38	NNE	5	bc, r	30.37	+34	39	35	0	N	5	bc, r	3	bc, bc, r	42	34	*	0.04		
	Blacksod Pt. ...	30.23	44	NNE	5	bc	30.44	+35	41	38	0	E	1	c	2	bc, bc	45	36	*	-		
	Valencia ...	30.16	45	NE	3	bc	30.41	+40	39	34	-2	ENE	4	bc	4	od, bc	46	33	2.2	0.04		
	Roche's Point ...	30.15	43	SE	2	bc	30.39	+33	38	35	+1	N	3	bc	3	rs, o, bc	45	30	*	0.11		
	Parsonstown ...	30.17	44	N	1	c	30.43	+35	34	31	-5	N	1	bc	*	bc, bc	47	25	7.5	-		
	Donaghadee ...	30.16	42	N	4	bc	30.36	+35	40	35	+1	NNE	4	bc	3	-	44	36	*	-		
	Liverpool Obsy. ...	30.10	40	N	3	c	30.29	+31	37	34	-2	N	3	bc	4	bc, c	44	32	*	-		
	Holyhead ...	30.13	42	N	4	bc	30.32	+32	40	35	0	NNE	4	bc	3	bc	43	35	*	-		
	Pembroke (St. Ann's)	30.10	42	NE	5	c	30.29	+25	41	39	+3	NNE	4	bc	3	c, r, sp	46	34	2.9	0.02		
GERMANY, &c.	Scilly (St. Mary's)...	30.04	44	NNE	6	r	30.25	+19	44	38	-3	NE	4	c	4	o, r	51	38	0.5	0.11		
	Jersey (St. Aubins)...	30.04	49	WNW	5	om	30.21	+11	42	37	-6	NE	4	bc, m	3	c, om, r	51	39	0.2	0.13		
	Portland Bill ...	30.04	44	NNW	1	c	30.23	+25	38	36	-9	N	3	bc	2	cp, c	47	34	*	0.03		
	Dungeness ...	29.99	45	N	2	bc	30.13	+27	39	35	-7	NNE	4	bc	2	o, bc	46	27	*	0.01		
	Wick ...	30.04	36	NNE	3	c	30.21	+30	34	33	0	NNE	3	c	3	c, s	43	28	*	0.12		
	Nairn ...	30.13	36	WNW	4	c	30.28	+30	35	34	-1	NW	4	c	3	-	42	21	*	0.03		
	Aberdeen ...	30.05	37	WNW	4	bc	30.22	+30	33	31	0	WNW	4	bc	3	bc, sp, r, c	41	29	9.2	0.12		
	Leith ...	30.09	41	NNW	3	bc	30.26	+32	40	35	+4	NW	2	bc	*	-	50	32	*	-		
	North Shields ...	30.03	40	N	3	c	30.20	+35	36	33	+4	NNW	3	bc	4	sp, c	42	30	*	0.14		
	Spurn Head ...	29.98	42	NNW	5	bc	30.11	+29	35	35	-3	NW	6	csp	4	bc, sp	44	32	*	0.07		
FRANCE.	Yarmouth ...	29.92	42	N	5	c	30.05	+32	37	35	-2	NW	6	csp	5	c	45	32	*	0.07		
	Loughborough ...													*								
	Oxford ...	30.11	37	NNW	2	bc	30.24	+27	36	32	-3	NNW	2	bc	*	-	47	28	*	-		
	London (Brixton)...	30.02	40	N	5	bc	30.18	+25	37	33	-3	N	3	bc	*	c, r, sp, bc	48	29	4.2	-		
	The Scaw (Skagen)	29.56	39	W	1	bc	29.67	+19	40	35	+1	NE	3	c	1	-	46	36	*	-		
	Fanö ...	29.67	39	WNW	6	c	29.71	+04	40	38	+1	NW	4	bc	*	-	45	32	*	0.08		
	Cuxhaven ...	29.65	38	N	4	o	29.75	-02	37	36	-1	N	2	bc, sp	*	-	43	36	*	0.20		
	The Helder ...	29.85	38	ENE	3	o	29.94	+39	40	37	-1	NNW	4	bc	5	-	43	36	*	0.16		
	Brussels ...	*	*	*	*	*	30.06	+18	34	34	-3	W	2	s	*	-	41	30	*	0.16		
	Berlin ...	29.61	35	SW	4	S	29.81	-08	36	35	-3	WNW	3	bc	*	-	45	32	*	0.28		
SPAN. PEN.	Frankfurt ...	29.91	38	SW	2	o	29.95	-10	36	34	+3	SW	2	c	*	-	45	33	*	0.12		
	Munich ...	29.92	44	SW	5	o	29.94	-19	32	32	-1	Z	0	s	*	-	48	30	*	-		
	C. Gris Nez ...	29.96	44	NW	3	bc	30.06	+17	37	36	-8	N	4	bc	4	-	46	36	*	-		
	Brest ...	30.09	50	WNW	3	c	30.26	+10	40	36	-7	NE	3	bc	3	-	52	36	*	-		
	Lorient ...	30.11	50	WNW	5	o	30.14	-04	39	37	-2	NNE	4	bc	2	-	55	37	*	-		
	Rochefort ...	30.09	51	WNW	4	bc	30.00	-16	49	48	+6	WSW	4	r	*	bc, bc	57	43	*	-		
	Biarritz ...	30.12	54	NNW	3	bc	30.16	+03	49	47	+7	S	2	bc	2	-	57	42	*	-		
	Paris ...	30.00	46	WNW	3	r	30.09	-04	37	35	-4	NNE	3	bc	*	-	53	35	*	0.12		
	Belfort ...	29.94	46	WSW	5	o	29.99	-16	31	31	0	ENE	4	s	*	-	52	31	*	0.08		
	Lyons ...	30.04	49	ESE	1	o	30.01	-17	42	38	+5	NE	1	o	*	-	66	37	*	-		
Nice ...	30.01	50	ESE	1	c	29.86	-12	48	44	-3	E	1	o	o	-	59	41	*	-			
Perpignan ...	30.02	55	S	1	bc	30.02	-06	52	42	+5	N	3	o	*	-	63	43	*	-			
SPAN. PEN.	Corunna ...														*							
	Lisbon ...														*							
SPAN. PEN.	Azores (P. Delgada)	30.08	60	SSE	4	o	29.99	-10	61	59	+2	S	5	o	4	-	64	59	*	-		
	„ (Horta) ...	29.96	62	SSE	5	o	29.90	-12	60	59	-1	SW	4	o	2	-	64	57	*	0.24		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

ERRATA:—The Maximum and Minimum Temperature readings for London in the report for Sunday April 12th should read 54° and 31° respectively.

WEATHER CHARTS

FOR Thursday, 16th April, 1903.

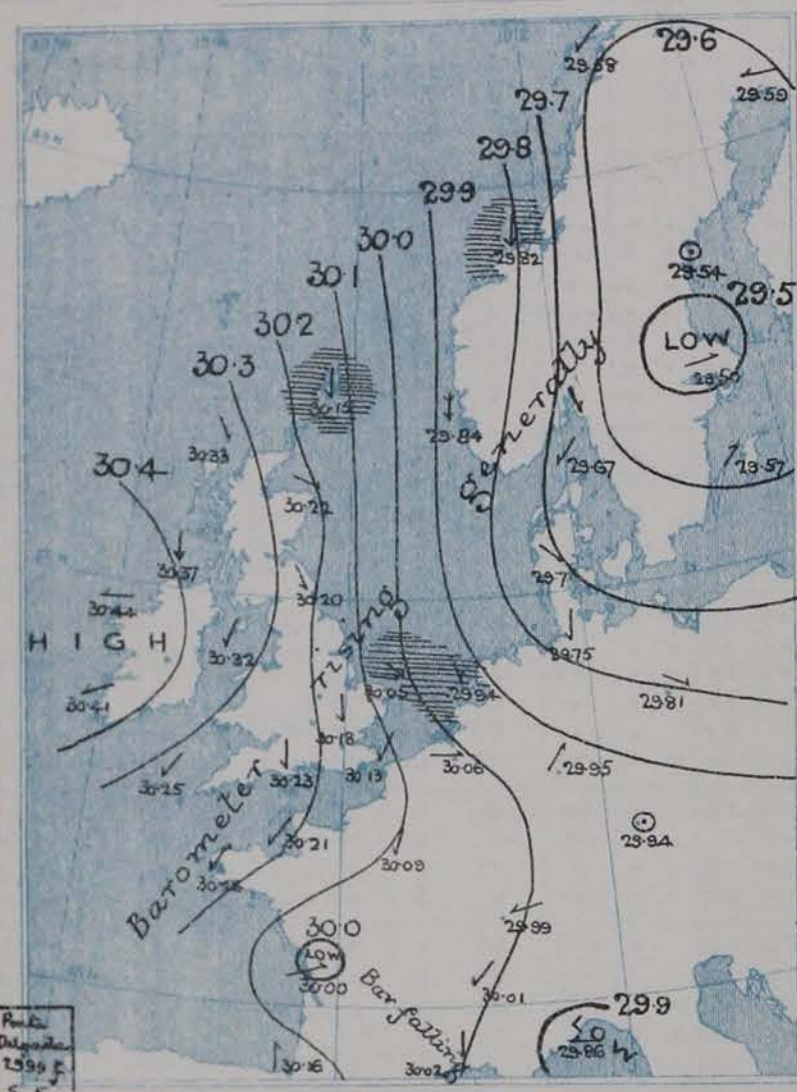
I. BAROMETER, WIND AND SEA. This Morning.

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

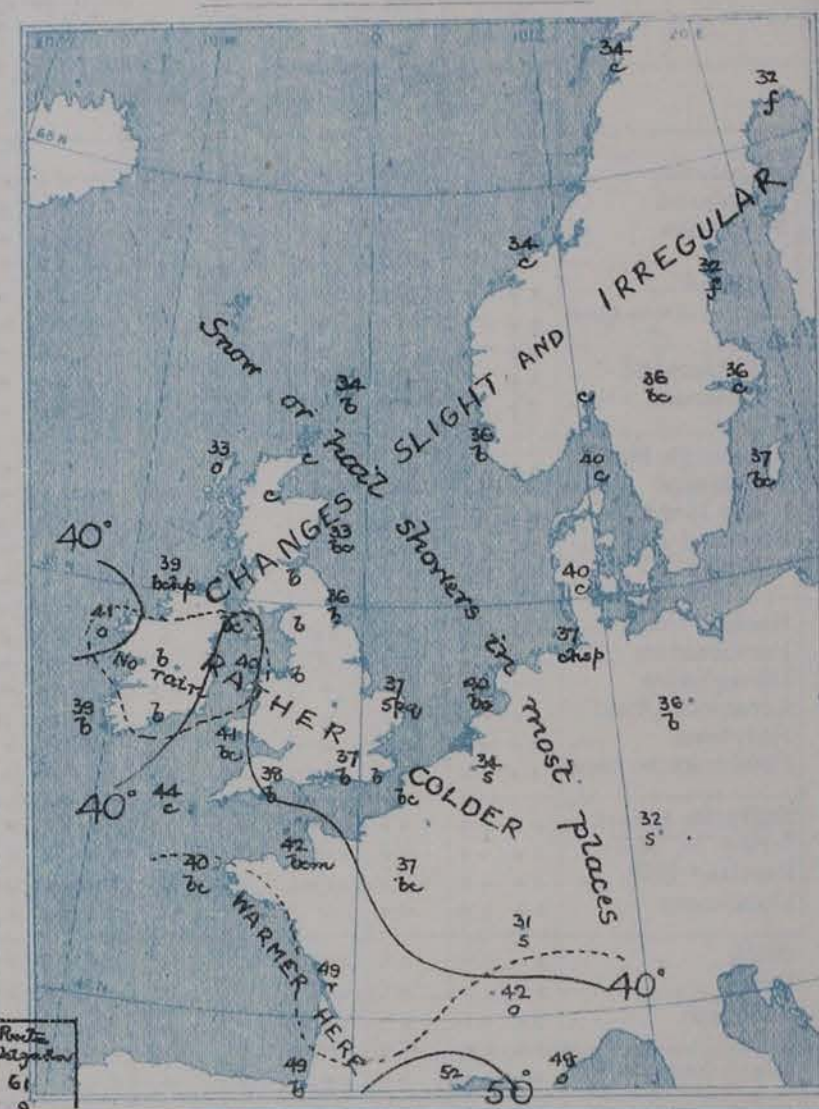


II. TEMPERATURE AND WEATHER. This Morning.

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: 1.00



III. BAROMETER AND WIND

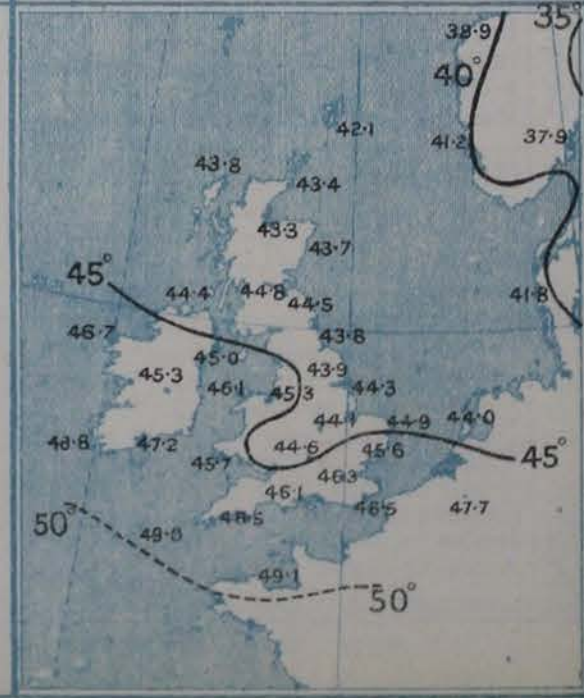
Yesterday morning.



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



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is highest, 30.1 inches and upwards, in an anticyclone extending from the Atlantic over the greater part of France and South Germany. The lowest pressures, 29.5 inches and less, are found in a large shallow area lying over Scandinavia, but the barometer is also low, 29.6 inches and less, in a well marked secondary system which has travelled in an east southeasterly direction across the north of England during the night, and which now lies off the Dutch coasts. In the rear of this disturbance the mercury is now rising again in most parts of the United Kingdom, but in the Netherlands it is falling briskly.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind, after backing to the Westward over Ireland and England, has again veered to the Northwestward or Northward on all our extreme southern coasts, and blows strongly in the east of England; in the Netherlands and the northeast of France it is very strong from West or Southwest, moderate breezes from the same quarters being reported in Germany. In the west and south of Ireland and also over the southern parts of France the wind is Easterly or Northeasterly.

Temperature has risen over the extreme south of England and the north of France but has changed very irregularly elsewhere. The morning readings are again below the average over western Europe generally, the thermometer being below 40° in all the more northern and central portions of the United Kingdom; at Shields the reading is as low as 32° while at Stornoway and Newton-Reigny the thermometer stands at 31°, the readings over the northern parts of Great Britain generally being from 10° to 12° below the normal for the time of year.

The weather is cloudy and showery over Ireland and England, with snow at several of the northern and eastern stations. Rain is also falling over Belgium and the northeast of France, and snow in the west of Norway, but in other parts of western Europe the weather is at present fine. The sea is high at Cape Eric. Haz. rough at Dumburg Head and rather rough off the east of England, but moderate elsewhere.

The maximum temperatures registered over these Islands yesterday were below 50° at all stations excepting Valencia and Jersey, and below 45° on our extreme north and northwest coasts. Considerable quantities of snow or sleet have fallen at some of our northern stations, and rain at many places in the south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The small cyclonic system off the Dutch coasts will probably continue to pass away to the eastward. There are at present no signs of the advance of any fresh disturbance and the wind is therefore likely to become northerly or northwesterly again over the whole Kingdom, with cold weather, and snow or sleet showers in most places.

FORECASTS *

For the 24 hours ending at NOON on 16th APRIL, 1903

DISTRICTS.

FORECASTS.

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

N^w winds, moderate or fresh; cold, changeable, some snow showers.

Same as No. 5.

NW^w winds, moderate or fresh; cold, changeable, some hail or sleet showers. Frost at night.

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.


NW^w winds, fresh or strong; changeable, some cold showers.

Same as Nos. 0 and 1.

At 7.10 pm yesterday to Districts 8 and 10, "Horse North Cone". The Signals have been lowered this morning in Dists. 0, 6 and 9, but are still flying in Dist. 7.

WARNINGS

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

[illegible]

† 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, 17th April, 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° Fabr. 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 ...	29.71	32	Z	0	C	29.78	+1.9	32	32	- 3	NE	2	0	2	-	44	27	*	0.04	
	Hernösand ...	29.65	30	Z	0	B	29.73	+1.9	32	32	0	Z	0	5	2	-	38	28	*	-	
	Stockholm ...	29.62	35	W	2	0	29.76	+2.6	34	33	- 1	W	2	0	2	-	43	32	*	-	
	Wisby ...	29.67	31	Z	0	B	29.76	+1.9	36	34	- 1	Z	0	0	2	-	41	30	*	-	
	Karlstad ...	29.72	36	Z	0	Bc	29.83	+2.5	34	30	- 2	NNE	4	0	2	5, Bc	*	*	*	0.04	
	Færder (X'iania Fjord) ...	29.76	40	NNW	2	B	29.88	+1.18	36	33	- 2	N	4	0	2	-	43	36	*	-	
	Bodö ...	29.69	36	E	2	B	29.80	+2.22	37	35	+ 4	E	4	0	1	-	39	32	*	-	
	Christiansund ...	29.92	34	N	6	S	29.97	+1.15	35	31	+ 1	N	5	0	5	-	36	31	*	0.16	
Skudesnaes ...	29.94	36	NNW	8	C	30.02	+1.18	35	31	- 1	N	6	0	2	-	41	32	*	-		
BRITISH ISLANDS.	Sumburgh Head ...	30.24	33	N	4	Bc	30.28	+1.13	31	30	- 3	N	4	0	6	5, Bc	37	26	*	0.03	
	Stornoway ...	30.43	37	NNE	4	0	30.48	+1.15	34	33	+ 1	NNW	4	0	4	0, 3, 8, 0	40	33	6.7	0.06	
	Malin Head ...	30.43	38	N	5	Bc, sp	30.50	+1.13	38	33	- 1	N	5	0	4	0, 8, 0, sp	42	33	*	0.03	
	Blacksod Pt. ...	30.48	44	NE	3	Bc	30.52	+1.08	41	39	0	SE	2	0	2	0, 8, 0, sp	47	35	*	-	
	Valencia ...	30.46	46	NNE	2	B	30.50	+1.09	40	37	+ 1	ENE	1	0	3	B	49	31	12.2	-	
	Roche's Point ...	30.44	47	SW	1	C	30.51	+1.12	39	36	+ 1	NNE	3	0	2	B, C	49	34	*	0.01	
	Parsonstown ...	30.44	44	N	1	C	30.53	+1.10	34	31	0	NW	1	0	5	B, C	47	26	7.2	-	
	Donaghadee ...	30.39	43	N	4	B	30.47	+1.11	39	34	- 1	N	4	0	3	-	44	36	*	-	
Liverpool Obsy. ...	30.33	40	NW	4	C	30.43	+1.14	34	32	- 3	NE	2	0	2	Bc	44	32	*	-		
Holyhead ...	30.35	42	N	6	B	30.44	+1.12	39	35	- 1	NE	3	0	2	C, B	43	35	*	-		
Pembroke (St. Ann's) ...	30.37	43	NNE	5	Bc	30.44	+1.15	41	39	0	N	4	0	2	Bc, p	46	34	10.9	-		
GERMANY, &c.	Scilly (St. Mary's) ...	30.38	45	NNE	4	C	30.44	+1.19	45	39	+ 1	NNE	3	0	2	C	48	38	10.6	-	
	Jersey (St. Aubins) ...	30.29	45	NNW	4	Bc, m	30.40	+1.19	42	37	0	NNE	3	0	3	Bc, Bc, m	47	38	9.8	0.02	
	Portland Bill ...	30.28	44	N	4	Bc	30.39	+1.16	38	35	0	N	2	0	1	Bc	48	32	*	-	
	Dungeness ...	30.22	40	N	5	Bc	30.32	+1.19	39	34	- 1	N	4	0	2	C, Bc	46	27	*	-	
	Wick ...	30.32	35	NNE	3	C	30.34	+1.13	33	32	- 1	NNE	3	0	3	C, S	40	28	*	0.10	
	Nairn ...	30.37	36	NNE	3	C	30.41	+1.13	35	34	0	ENE	3	0	3	-	40	30	*	0.01	
	Aberdeen ...	30.32	34	NW	3	Bc, sp	30.36	+1.14	32	31	- 1	NW	5	0	3	Bc, sp	37	28	5.9	0.14	
	Leith ...	30.32	40	N	3	Bc	30.40	+1.14	40	35	0	NW	2	0	4	-	50	31	*	-	
North Shields ...	30.27	38	N	3	C, sp	30.36	+1.16	35	33	- 1	NW	3	0	4	0, 8, 0, sp	41	28	*	0.02		
FRANCE.	Spurn Head ...	30.20	40	NW	6	Bc	30.28	+1.17	32	32	- 3	NW	6	0	5	0, 8, 0, sp	43	30	*	0.05	
	Yarmouth ...	30.13	40	N	6	0, 8, 0, h	30.22	+1.17	34	33	- 3	NNW	6	0	5	0, 8, 0, h	43	31	*	0.24	
	Loughborough ...	30.34	35	N	3	C	30.41	+1.17	35	32	- 1	NNW	3	0	2	C, sp	45	28	*	-	
	Oxford ...	30.25	39	NNE	5	B	30.34	+1.16	36	31	- 1	N	4	0	4	Bc, sp	46	31	6.5	-	
	The Scaw (Skagen) ...	29.76	39	NW	3	Bc	29.87	+2.20	38	33	- 2	NE	3	0	1	-	46	37	*	-	
	Fanö ...	29.86	35	NW	1	C	29.91	+2.20	38	34	- 2	NW	2	0	3	C, h	46	34	*	0.04	
	Cuxhaven ...	29.86	41	NW	4	C	29.96	+2.1	39	36	+ 2	NW	3	0	4	-	45	37	*	0.04	
	The Helder ...	30.04	40	N	4	Bc	30.09	+1.15	40	37	0	NNE	5	0	4	-	43	35	*	0.04	
Brussels ...	*	*	*	*	*	30.21	+1.15	33	32	- 1	NW	3	0	2	-	44	27	*	0.16		
Berlin ...	29.84	37	W	2	B	29.97	+1.16	37	32	+ 1	W	3	0	2	-	46	22	*	0.08		
Frankfurt ...	30.01	38	S	2	C	30.07	+1.12	36	34	0	W	2	0	2	-	46	26	*	-		
Munich ...	29.95	35	SW	3	0	29.97	+1.03	33	31	+ 1	Z	0	0	4	-	39	20	*	-		
SPAN. PEN.	C. Gris Nez ...	30.14	41	NNE	5	C	30.26	+2.20	35	33	- 2	N	6	0	6	-	45	34	*	0.08	
	Brest ...	30.30	45	NNE	3	B	30.41	+1.15	36	33	- 4	NE	1	0	1	-	50	34	*	-	
	Lorient ...	30.29	46	NE	5	B	30.38	+2.24	39	37	0	NE	4	0	2	-	50	37	*	-	
	Rocheport ...	30.17	47	N	4	Bc	30.29	+2.29	37	37	- 12	NE	3	0	2	C, Bc	52	34	*	-	
	Biarritz ...	30.23	47	N	4	C	30.24	+1.08	39	37	- 10	E	3	0	2	-	52	39	*	-	
	Paris ...	30.17	34	N	5	S	30.28	+1.19	35	32	- 2	NNW	4	0	2	-	48	32	*	-	
	Belfort ...	30.00	35	WSW	2	0	30.08	+1.09	31	30	0	Z	0	0	2	-	47	27	*	0.28	
	Lyons ...	30.03	36	NNW	3	0	30.08	+1.07	34	32	- 8	NNW	3	0	2	0, 0, 5	50	33	*	0.08	
Nice ...	29.64	54	W	1	C	29.50	-1.36	44	40	- 4	ENE	1	0	3	-	61	43	*	-		
Perpignan ...	29.91	54	NW	6	C	30.09	+1.07	43	36	- 9	NW	6	0	2	-	68	40	*	-		
SPAN. PEN.	Corunna ...	29.89	64	NNW	4	B	29.93	-1.06	61	48	0	NNE	5	0	2	-	72	55	*	-	
	Lisbon † ...	30.02	58	Z	0	B	30.06	+1.07	57	54	- 4	NNW	3	0	2	-	63	55	*	-	
	Azores (P. Delgada) ...	30.02	58	W	1	0	30.06	+1.16	57	53	- 3	W	2	0	2	-	68	57	*	0.04	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR FRIDAY, 17th APRIL, 1903.

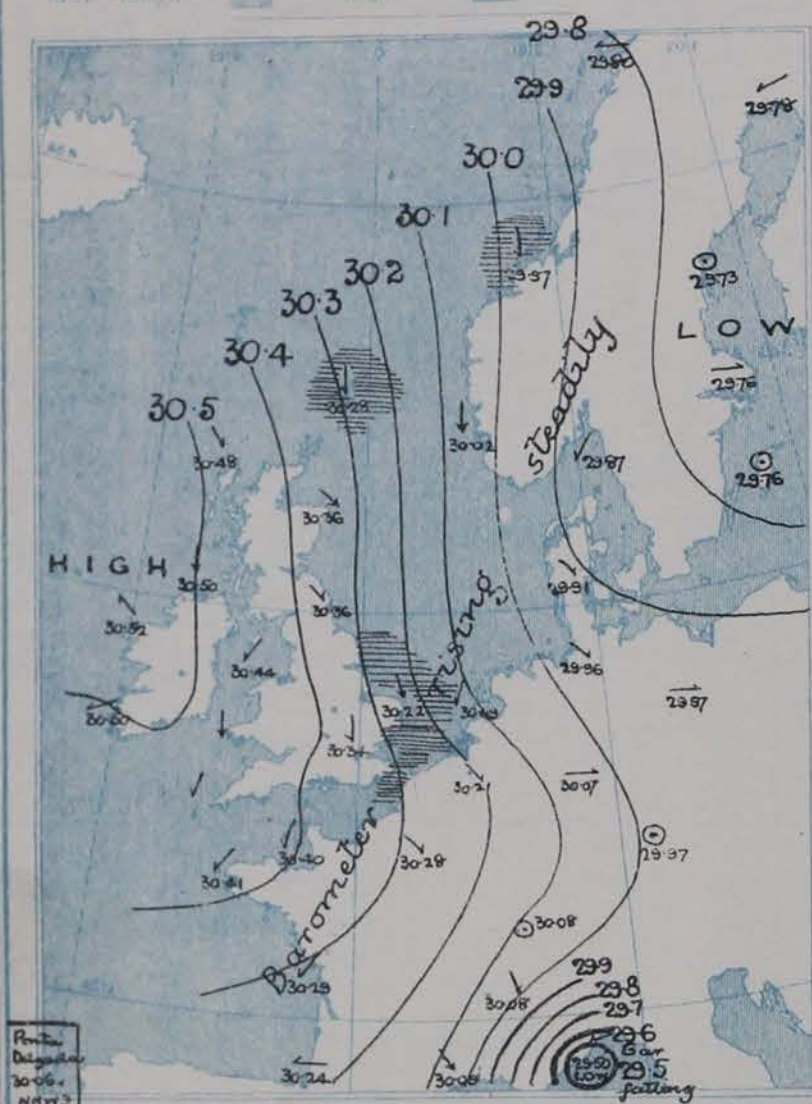
I. BAROMETER, WIND AND SEA. This Morning.

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 APRIL, (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

An anticyclone is now spreading over our Islands from the Atlantic and the barometer is rising steadily in all parts of our area, excepting the south and west of France. The readings range from above 30.4 ins. over the western half of Ireland and the adjacent portion of the Ocean to 30.0 ins. in a small disturbance near Rochefort, to less than 29.9 ins. in another over the Riviera and the Gulf of Genoa, and to below 29.5 ins. in a system in course of dispersal over central Sweden. Gradients are moderate to slight.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is N^{ly} to NW^{ly} over the eastern half of Great Britain and on the various shores of the North Sea and N^{ly} to NE^{ly} over Ireland and the western districts generally. Over France and Sweden it is more variable, drawing into WSW both at Rochefort and Stockholm and into E at Nice. It blows strongly on the coasts of Lincoln and Norfolk and with the force of a gale in the southwest of Norway, but is moderate to light as a whole. Temperature continues very low both over our Islands and in most continental regions. It ranges from 52° at Perpignan and 49° on the southwest coast of France to below 40° over Germany, Scandinavia, most inland parts of France and the Netherlands and at nearly all our own stations. The lowest readings are 34° at Brussels, Parsonstown, and Wuk, 32° at Newton Reigny, Hertsöand and Munich, and 31° at Belfort. The weather is fine in most localities, but snow is falling at Munich, Brussels, and Belfort, showers of snow at Buchhaven and on the east coast of England, hail showers at Malin Head and rain at Rochefort. The sea is rough in the far north and rather so on the Dutch and Norfolk coasts.

The maximum temperatures recorded over our Islands yesterday were very low generally, but that at Leth was 50°. Sharp frost was again experienced; at Parsonstown the sheltered thermometer fell to 25°, at Dungeness and Newton Reigny to 27°, at Wuk and Oxford to 28°, and at Aberdeen and in London to 29°. The respective minimum readings on the grass at Oxford and in London were 23° and 20°. Hail or snow showers occurred in most places, and were heaviest on our east coasts and over Germany. A solar halo was observed at Oxford and Pembroke. Bright sunshine was more prevalent on the east and northwest coasts of Great Britain than elsewhere. At the Channel stations there was very little.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably continue to move eastwards over the United Kingdom and bring about a gradual improvement in the weather, with less wind, and higher day temperatures. Little amelioration is, however, to be expected in the temperature over our Islands as a whole during the ensuing 24 hours.

FORECASTS *

For the 24 hours ending at NOON on 17th APRIL 1903

DISTRICTS.

FORECASTS.

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

Wind chiefly N^{ly}, light or moderate; mostly fair, but snow showers locally. Very cold, - frost at night.

N^{ly} or NE^{ly} winds, falling light; fair generally, but snow showers on east coast. Very cold, - frost at night.

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.

N^{ly} and NE^{ly} to rather variable winds; fair generally. Cold, frost inland at night.

WARNINGS

At 3.10 pm yesterday to district 10 and part of 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	*	*	*	*	*	*	*	*	*	*	*	*	z	*	zc	47	30	8.7	-
Newton Reigny (Penrith) ...	30.06	37	w 2	c	30.26	+ .32	32	31	+ 1	NW	2	z	*	-	42	27	7.5	0.04	
Bath	30.04	46	N 4	z	30.25	+ .26	38	34	- 2	N	2	z	*	-	49	30	3.0	-	

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	34	c, z	11.0	0.14	Eastbourne	*	*	*	1.1	*
Rhyl	*	*	*	8.5	*	Hastings	*	*	*	1.0	*
Llandudno	*	*	*	10.6	*	Lowestoft, to 6 p.m. ...	45	34	o, c, rs	6.8	0.14
Aberystwyth, to 6 p.m. ...	49	39	zc	8.0	0.05	Harrogate, to 6 p.m. ...	43	32	o, zc, z	7.4	0.49
Plymouth, to 9 p.m.	*	*	*	1.0	*	Manchester, to 9 p.m. ...	43	35	z	7.0	0.16
Worthing	*	*	*	0.8	*	Darwen, to 9 p.m. ...	41	30	rs, zc, zv	9.0	0.49
Brighton	*	*	*	*	*	Birmingham, to 9 p.m. ...	45	34	o, c, z	4.4	0.04

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.
15 April, 1903.		Max. °	Min. °			Max. °	Min. °				
Utrecht...	...	45	34	bc, r	Ins. 0.32	Tunis	...	72	46	a, b	Ins.
Madrid	...	81	43	bc, bc	-	Algiers	...	66	55	b, b	-
Vienna	...	48	39	b, bc	-	Madeira (Funchal)	...	not received			
St. Petersburg	...	52	34	bc, b	-						
Trieste	...	50	41	o, b	0.04						
Florence	...	67	48	b, b	-	14 April, 1903.		1 p.m.		1 p.m.	Measured 7 a.m.
Rome	...	64	45	o, b	-						
Corsica (I. Sanguinaires)	...	61	50	m, m	-	Lugano	...	63	—	b	0.08
Naples	...	61	50	b, b	-	Davos	...	30	—	b	0.04
Palermo	...	73	43	bc, c	-	Lucerne	...	37	—	s	0.04
Malta	...	64	57	c	-	Lausanne	...	43	—	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.B.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.

16 April, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.55	11.53	6.50
Greenwich	5.5	12.0	6.55
Wick	5.1	12.12	7.24
Valencia	5.25	12.41	7.37

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 " " " 21 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, 18th April, 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 ...	29.85	32	N	2	0	30.05	+ .27	30	28	- 2	N	2	bc	*	-	37	30	*	-			
	Hernösand ...	29.93	33	Z	0	0	30.06	+ .33	35	32	+ 3	Z	0	0	*	-	39	27	*	-			
	Stockholm ...	29.95	35	Z	0	0	30.00	+ .24	32	31	- 2	E	2	f	*	-	45	23	*	-			
	Wisby ...	29.90	43	Z	0	0	29.94	+ .18	37	35	+ 1	E	2	bc	*	-	37	32	*	-			
	Karlstad ...	29.93	35	NE	2	0	30.05	+ .22	34	32	0	NNE	2	bc	*	-	*	*	*	-			
	Færder (X'iania Fjord) ...	29.99	40	WNW	1	0	30.03	+ .15	35	32	- 1	N	6	bc	3	-	41	35	*	-			
	Bodö ...	29.96	33	E	2	0	30.17	+ .37	33	29	- 4	E	2	bc	1	-	39	28	*	-			
	Christiansund ...	30.00	35	N	4	5	30.06	+ .09	36	33	+ 1	SW	5	s	5	-	36	30	*	0.20			
	Skudesnaes ...	30.08	35	NNW	8	c	30.13	+ .11	33	30	- 2	N	4	bc	2	c	39	30	*	*			
BRITISH ISLANDS.	Sumburgh Head ...	30.33	32	N	4	bcsp	30.32	+ .04	32	30	+ 1	N	3	c	5	osp	34	26	*	0.02			
	Stornoway ...	30.51	38	ESE	3	0	30.37	- .11	39	37	+ 5	WNW	3	0	3	o	41	33	6.4	0.02			
	Malin Head ...	30.52	39	N	4	c	30.47	- .03	39	35	+ 1	SW	2	bc	2	bc,c	42	35	*	-			
	Blacksod Pt. ...	30.51	45	E	2	c	30.45	- .07	43	40	+ 2	SE	3	bc	3	c	45	35	*	-			
	Valencia ...	30.48	48	NW	2	bc	30.46	- .04	44	40	+ 4	E	1	bc	3	bc, bc	49	33	8.6	-			
	Roche's Point ...	30.49	44	SE	2	bc	30.48	- .03	41	39	+ 2	NNW	2	0	2	bc	48	34	*	-			
	Parsonstown ...	30.49	44	N	1	c	30.49	- .04	42	37	+ 8	E	1	bc	*	bc	47	33	7.8	-			
	Donaghadee ...	30.50	42	N	3	c	30.49	+ .02	38	34	- 1	W	2	c	2	-	44	32	*	-			
	Liverpool Obsy. ...	30.44	39	NW	3	bc	30.47	+ .04	38	34	+ 4	NNW	1	bc	2	bc	42	31	*	-			
	Holyhead ...	30.46	41	N	4	bc	30.48	+ .04	42	37	+ 3	S	1	c	1	bc	42	34	*	-			
	Pembroke (St. Ann's) ...	30.46	40	N	5	bc	30.46	+ .02	40	38	- 1	NE	3	bc	2	bc	45	34	6.5	-			
	Scilly (St. Mary's) ...	30.43	45	NNE	2	bc	30.43	- .01	43	38	- 2	E	4	bc	1	bc	48	37	11.1	-			
GERMANY, &c.	Jersey (St. Aubins) ...	30.39	44	NNW	4	bc	30.45	+ .05	43	37	+ 1	NE	3	bc	3	bc	48	38	10.3	-			
	Portland Bill ...	30.38	45	N	3	bc	30.46	+ .07	38	35	0	NNE	2	bc	2	bc	48	31	*	-			
	Dungeness ...	30.34	39	N	4	bcsp	30.36	+ .04	38	34	0	N	4	bc	2	csp	45	24	*	0.01			
	Wick ...	30.39	36	NNE	4	c	30.33	- .01	32	31	- 1	N	2	s	2	-	38	29	*	0.28			
	Nairn ...	30.46	36	NE	3	c	30.37	- .04	36	35	+ 1	E	1	0	2	-	40	29	*	0.01			
	Aberdeen ...	30.41	35	NNW	5	cshp	30.37	+ .01	33	32	+ 1	NNW	4	os	3	c	38	30	7.7	0.09			
	Leith ...	30.46	38	NNW	3	bc	30.38	- .02	37	33	- 3	WSW	2	om	*	-	49	30	*	-			
	North Shields ...	30.35	39	N	4	bc	30.36	- .00	36	33	+ 1	WNW	2	c	4	csp	40	28	*	0.01			
	Spurn Head ...	30.31	36	NW	6	c	30.32	+ .04	36	33	+ 4	NW	6	bcsp	5	csp	40	30	*	0.07			
	Yarmouth ...	30.26	37	NNW	5	spgc	30.27	+ .05	38	34	+ 4	WNW	5	bc	5	spg	40	31	*	0.15			
	Loughborough ...	30.42	37	NNW	2	bc	30.46	+ .05	35	33	0	N	3	bc	*	-	45	28	*	-			
	Oxford ...	30.34	41	N	3	c	30.39	+ .05	35	32	- 1	N	2	bc	*	bc, bc	47	30	9.7	-			
FRANCE.	London (Brixton) ...	30.34	41	N	3	c	30.39	+ .05	35	32	- 1	N	2	bc	*	bc, bc	47	30	9.7	-			
	The Scaw (Skagen) ...	29.94	40	NNE	2	c	29.96	+ .09	39	36	+ 1	E	3	c	1	-	43	37	*	-			
	Fanö ...	29.98	32	NW	2	bc	29.97	+ .06	34	32	- 4	NW	3	bc	*	sh, bc	41	32	*	0.32			
	Cuxhaven ...	29.99	38	NW	3	bc	29.98	+ .02	37	35	- 2	WNW	3	cshp	*	oshp	45	34	*	0.12			
	The Helder ...	30.15	37	NNE	4	T	30.15	+ .06	39	36	- 1	N	5	c	5	-	43	36	*	0.08			
	Brussels ...	*	*	*	*	*	30.26	+ .05	32	32	- 1	NW	2	s	*	-	42	28	*	0.04			
	Berlin ...	29.98	38	W	2	bc	29.94	- .03	33	32	- 4	WNW	3	c	*	-	45	28	*	-			
	Frankfurt ...	30.12	35	NW	2	bc	30.11	+ .04	34	32	- 2	NW	2	0	*	-	43	33	*	-			
	Munich ...	29.99	34	NW	3	c	30.05	+ .08	29	28	- 4	NW	5	s	*	-	39	28	*	0.04			
	C. Gris Nez ...	30.29	39	NNE	6	c	30.28	+ .02	34	33	- 1	N	6	c	6	-	41	32	*	0.16			
	Brest ...	30.42	46	NE	2	bc	30.42	+ .01	41	38	+ 5	E	2	bc	1	-	52	36	*	-			
	Lorient ...	30.38	49	N	4	c	30.43	+ .05	41	39	+ 2	NNE	3	bc	2	-	54	37	*	-			
SPAN. PEN.	Rochefort ...	30.32	48	N	3	c	30.37	+ .08	38	37	+ 1	ENE	2	bc	*	-	54	32	*	-			
	Biarritz ...	30.32	48	NNE	5	bc	30.37	+ .13	38	35	- 1	E	4	bc	2	c, o	50	34	*	-			
	Paris ...	30.30	39	N	4	bc	30.35	+ .07	35	32	0	NNW	2	bc	*	-	48	31	*	-			
	Belfort ...	30.10	35	WNW	4	c	30.20	+ .12	28	27	- 3	W	5	0	*	-	43	27	*	-			
	Lyons ...	30.19	34	N	2	bc	30.29	+ .21	34	28	0	NNW	3	0	*	s, bc	44	32	*	-			
Nice ...	29.66	46	Z	0	c	29.83	+ .38	43	37	- 1	ENE	1	bc	3	-	55	36	*	-				
Perpignan ...	30.16	46	NW	5	bc	30.26	+ .17	41	34	- 2	NW	4	bc	*	-	52	37	*	-				
Corunna ...	29.90	70	NNE	4	bc	30.01	+ .08	58	47	- 3	NNE	5	bc	*	-	75	57	*	-				
Lisbon ...	29.90	70	NNE	4	bc	30.01	+ .08	58	47	- 3	NNE	5	bc	*	-	75	57	*	-				
Azores (P. Delgada) ...	30.20	56	Z	0	0	30.22	+ .16	54	51	- 3	Z	0	0	1	-	66	54	*	-				
" (Horta) ...	30.20	56	Z	0	0	30.22	+ .16	54	51	- 3	Z	0	0	1	-	66	54	*	-				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR SATURDAY, 18TH APRIL, 1903.

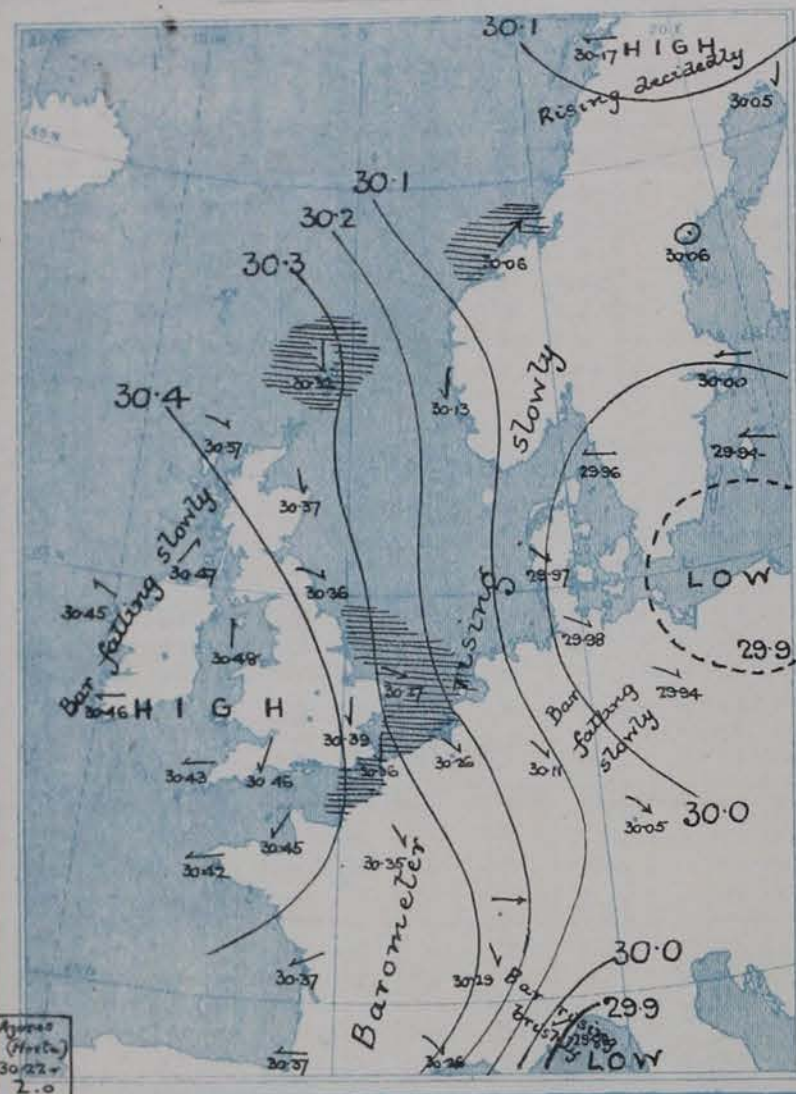
I. BAROMETER, WIND AND SEA. *This Morning.*

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

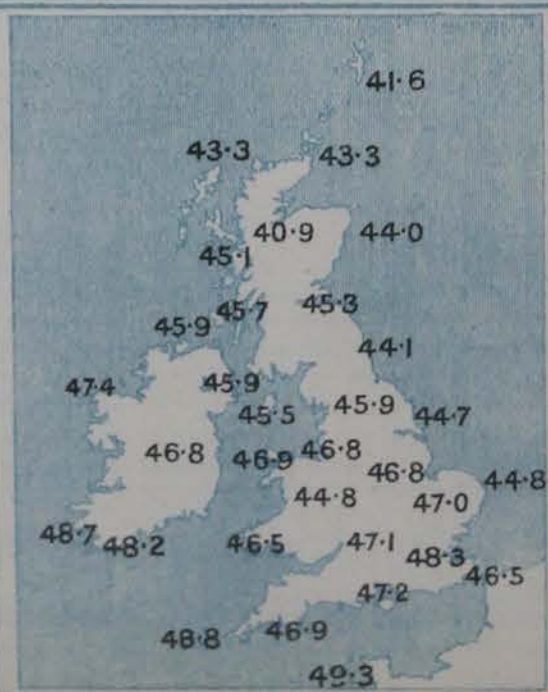


III. BAROMETER AND WIND

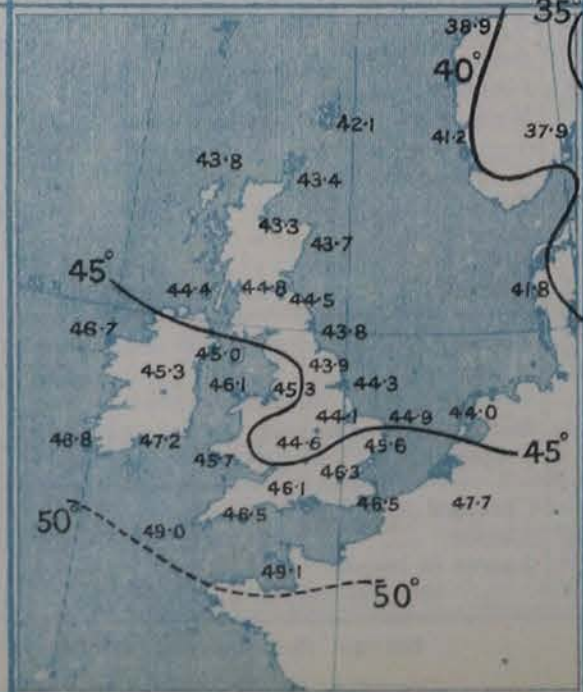
Yesterday morning.



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



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone noticed in the west yesterday has since moved very slowly eastwards, and at the same time increased somewhat in intensity. The barometer now ranges from 30.5 ins. and upwards, over, and to the westward of Ireland, to about 29.75 ins. over the Gulf of Bothnia, and to 29.5 ins. in a small but deep cyclonic disturbance which has appeared near Nice. Gradients are moderate to slight generally, but steep over the southeast of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

Northerly winds prevail throughout our Islands and the major portion of our area, but over Germany a Westerly breeze is reported. In force they are mainly moderate or light, but blow freshly or strongly at some of our east coast stations, and at Scudenesaas. Temperature has fallen decidedly over France, changed very little elsewhere. It is still very low over the whole of the western half of Europe; in most inland districts it is but little above the freezing point, and in some places below it. The highest readings are 45° and 44° at Seilly, and Nice, respectively, and the lowest 32° in the north of Sweden, at Aberdeen, Spinn Head, and Newton Reigny and 31° in the Shetlands, and at Manich, and Belfort. The sky is clear or nearly so in most places, but snow is falling at Herisand, Brussels, Lyons, and Belfort, and showers of snow and hail along the east coast of Great Britain. The sea is rough in the far north, and also off the southeast of England, and at Cape Gris Nez.

The highest temperature recorded over our Islands yesterday, was 50° at Leith, but over the Kingdom generally the maxima were far lower, those at Sumburgh Head and Aberdeen were only 37°. Sharp frost was again experienced generally, the lowest readings of the sheltered thermometer being 25° at Newton Reigny, and 26° at Sumburgh Head and Portmoutown. The grass minima at Oxford and in London, were 23° and 20° respectively. Showers of hail or snow have fallen in many parts of the country, and also at several continental stations. Bright sunshine was very prevalent. At Valentia there was 12.2 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably continue to move slowly eastwards over our Islands and cause greater uniformity in pressure, and a consequent decrease in the force of the wind. No great change is, however, anticipated in the general character of the weather during the coming 24 hours, and frost is again probable tonight.

FORECASTS *

For the 24 hours ending at NOON on 18th April

1903

DISTRICTS.

FORECASTS.

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

N^{ly} winds, moderate or fresh; very cold, weather changeable, snow and hail showers locally.

N^{ly} winds, light or moderate; fair generally, but hail or snow showers locally, mostly along the east coast. No decided change of temperature. Frost again at night.

DISTRICTS.

FORECASTS.


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


Same as N^{os} 0 and 1.

N^{ly} and NE^{ly} to rather variable winds; fine generally. Cold today, rather milder tomorrow.

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	44	29	8.7	-
Newton Reigny (Penrith) ...	30.30	37	N 1	bc	30.41	+ .12	32	32	0	NW 2	bc	*	bc	43	25	9.0	-
Bath	30.29	44	N 4	bc	30.40	+ .12	37	34	- 1	N 1	bc	*	-	47	27	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.	45	30	c, bc	10.2	-	Eastbourne	*	*	*	10.5	*
Rhyl	*	*	*	9.3	*	Hastings	*	*	*	9.1	*
Llandudno	*	*	*	11.7	*	Lowestoft, to 6 p.m. ...	43	32	co, s, bc, cs	6.7	0.10
Aberystwyth, to 6 p.m. ...	46	39	bc	8.5	-	Harrogate, to 6 p.m. ...	44	30	bc, sp	8.8	0.10
Plymouth, to 9 p.m.	48	33	bc, bc	11.6	-	Manchester, to 9 p.m. ...	43	29	bc, os	7.0	0.01
Worthing	*	*	*	9.2	*	Darwen, to 9 p.m. ...	41	27	bc, cs, om	7.1	0.02
Brighton	*	*	*	9.3	*	Birmingham, to 9 p.m. ...	43	29	bc, cs	6.7	-

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

STATIONS. 16 April, 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	43	32	r, c	Ins. 0.28	Tunis	68	45	bc, bc	Ins. 0.24
Madrid	77	43	c, b	-	Algiers	67	57	b, c	-
Vienna	48	39	b, c	-	Madeira (Funchal) ...	not received			
St. Petersburg	32	28	b, bc	-	15 April, 1903.				Measured 7 a.m.
Trieste	57	41	bc, c	-	Lugano	57	—	b	-
Florence	62	38	c, b	-	Davos	37	—	b	-
Rome	66	50	bc, bc	-	Lucerne	48	—	b	0.04
Corsica (I. Sanguinaires) ...	61	50	m, m	-	Lausanne	48	—	b	-
Naples	63	49	b, b	-					
Palermo	67	43	c, b	-					
Malta	61	54	- 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.

17 April, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.53	11.53	6.52
Greenwich	5.3	12.0	6.57
Wick	4.58	12.12	7.26
Valencia	5.43	12.41	7.39

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

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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 6d. 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 19th April.

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 Inch.
	At 82° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 82° 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 ...	30.15	30	NE	2	0		30.16	+11	30	28	0	N	2	0	*	36	25	*	-
	Hernösand ...	30.16	31	Z	0	0		30.10	+04	30	28	-5	NE	2	0	*	37	30	*	0.04
	Stockholm ...	30.06	34	E	4	0		29.76	-24	33	31	+1	NNE	9	0	*	37	30	*	-
	Wisby ...															*			*	-
	Karlstad ...	30.08	39	N	2	c		29.93	-12	33	32	-1	NNE	4	0	*			*	-
	Færder (X'ania Fjord)	30.07	41	NNW	3	b		30.06	+03	36	31	+1	N	6	b	2	41	35	*	-
	Bodö ...	30.28	33	NE	2	bc		30.31	+14	29	26	-4	ENE	2	b	1	37	25	*	-
	Christiansund ...	30.21	36	SW	2	0		30.29	+23	36	31	-0	E	4	b	3	36	34	*	-
BRITISH ISLANDS.	Skudesnaes ...	30.20	35	W	6	c		30.17	+04	34	32	+1	N	4	b	2	41	32	*	-
	Sumburgh Head	30.31	36	NW	2	c		30.23	-09	39	36	+7	NW	2	bc	4	39	31	*	-
	Stornoway ...	30.31	44	WNW	4	+		30.32	-05	43	42	+4	Z	0	+	0	48	41	0.4	0.25
	Malin Head ...	30.38	42	N	1	b		30.27	-20	43	39	+4	Z	0	b	1	45	37	*	-
	Blacksod Pt. ...	30.37	48	SW	3	b		30.25	-20	45	42	+2	SE	3	bc	3	50	42	*	-
	Valencia ...	30.36	47	S	2	c		30.25	-21	46	42	+2	SE	2	ogm	3	50	40	3.5	-
	Roche's Point ...	30.40	46	SSE	3	b		30.28	-20	47	43	+6	S	3	c	1	49	40	*	-
	Parsonstown ...	30.37	49	SW	1	c		30.29	-20	41	38	-1	SSW	1	b	*	52	32	10.0	-
GERMANY, &c.	Donaghadee ...	30.38	47	SSW	2	bc		30.30	-19	42	40	+4	NW	1	b	*	47	32	*	-
	Liverpool Obsy.	30.40	40	NW	2	c		30.31	-16	43	39	+5	W	1	bc	1	45	36	*	-
	Holyhead ...	30.40	44	W	1	c		30.30	-18	45	42	+3	S	1	bcm	1	47	35	*	-
	Pembroke (St. Ann's)	30.38	43	WNW	2	bc		30.31	-15	43	41	+3	NE	1	bm	2	47	36	10.7	-
	Scilly (St. Mary's)...	30.37	47	ESE	4	bc		30.26	-17	46	41	+3	SSE	4	b	2	49	38	11.8	-
	Jersey (St. Aubins)...	30.39	45	N	3	bm		30.34	-11	47	43	+4	NE	1	bm	1	47	32	11.8	-
	Portland Bill ...	30.38	45	WNW	2	bc		30.33	-13	45	40	+7	E	2	b	1	50	37	*	-
	Dungeness ...	30.30	47	NNE	4	bc		30.30	-06	44	40	+6	NNW	3	bc	2	48	33	*	-
FRANCE.	Wick ...	30.31	33	N	2	c		30.24	-09	35	34	+3	N	2	bc	2	38	26	*	0.03
	Nairn ...	30.33	35	E	1	s		30.26	-11	35	34	-1	Z	0	0	1	37	32	*	0.13
	Aberdeen ...	30.37	33	NNW	3	c		30.28	-09	36	32	+3	WNW	2	b	2	36	30	0.0	0.06
	Leith ...	30.35	39	ENE	2	0		30.25	-13	38	36	+1	Z	0	sm	*	51	34	*	-
	North Shields ...	30.33	38	NNE	2	0		30.26	-10	36	35	0	WNW	1	ts	4	44	33	*	0.03
	Spurn Head ...	30.38	40	N	5	c		30.27	-05	38	37	+2	NW	3	c	4	44	35	*	0.01
	Yarmouth ...	30.25	41	NNW	5	cq		30.26	-01	38	36	0	NW	4	bc	4	42	31	*	0.16
	Loughborough ...															*			*	-
GERMANY, &c.	Oxford ...	30.37	42	NNW	2	bc		30.33	-13	38	33	+3	N	1	b	*	50	28	*	-
	London (Brixton)...	30.31	47	N	4	c		30.32	-07	37	35	+2	N	1	bm	*	50	30	8.8	-
	The Scaw (Skagen)	30.01	41	NE	3	c		29.96	-00	37	34	-2	NE	4	bc	1	45	37	*	-
	Fanö ...	30.05	34	NW	4	b		29.99	+02	37	34	+3	NW	5	b	*	41	34	*	0.12
	Cuxhaven ...	29.95	39	NNW	4	0		29.97	-01	41	37	+4	NW	6	b	*	43	37	*	-
	The Helder ...	30.12	38	NNW	5	c		30.16	+01	40	36	+1	NNW	4	bc	4	41	35	*	-
	Brussels ...	*	*	*	*	*		30.26	-00	34	32	+2	NNW	1	s	*	41	32	*	0.35
	Berlin ...	29.81	37	NW	4	c		29.92	-02	36	34	+3	WNW	5	s	*	43	32	*	0.16
FRANCE.	Frankfurt ...	30.11	33	NW	2	c		30.03	-08	36	33	+2	NW	3	0	*	45	33	*	0.08
	Munich ...	30.01	28	W	7	b		29.97	-08	28	27	-1	W	7	s	*	36	25	*	0.08
	C. Gris Nez ...	30.26	43	NNE	5	0		30.29	+01	39	37	+5	NNE	4	b	4	46	34	*	-
	Brest ...	30.34	50	E	3	b		30.30	-12	41	32	0	ESE	2	b	2	57	39	*	-
	Lorient ...	30.35	50	NE	2	b		30.31	-12	41	39	0	E	4	b	2	57	37	*	-
	Rochefort ...	30.30	49	NE	3	b		30.29	-08	39	38	+1	ENE	4	b	2	55	34	*	-
	Biarritz ...	30.26	54	E	3	b		30.24	-13	40	36	+2	E	3	b	1	57	37	*	-
	Paris ...	30.31	43	N	3	bc		30.39	+04	37	35	+2	NNW	3	c	*	47	35	*	-
SPAN. PEN.	Belfort ...	30.17	32	W	6	c		30.23	+03	28	27	0	W	6	s	*	41	27	*	0.04
	Lyons ...	30.26	34	N	1	b		30.28	-01	36	31	+2	NNE	2	c	*	44	30	*	-
	Nice ...	29.91	44	?E	1	c		29.99	+16	41	35	-2	E	1	c	2	54	37	*	-
	Perpignan ...	30.17	50	NW	3	b		30.28	+02	42	35	+1	W	2	b	*	50	32	*	-
SPAN. PEN.	Corunna ...	30.07	66	NE	1	b		30.04	-10	52	47	+6	ENE	1	0	2	68	45	*	-
	Lisbon ...	29.94	61	NNW	5	c		29.98	-03	60	55	+2	SE	1	0	*	70	57	*	-
	Azores (P. Delgada)	30.28	55	N	3	b		30.24	+05	56	52	-1	Z	0	bc	2	63	52	*	-
	" (Horta) ...	30.26	55	SSW	3	+		30.21	-01	58	57	+4	SW	2	0	2	62	54	*	0.08

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

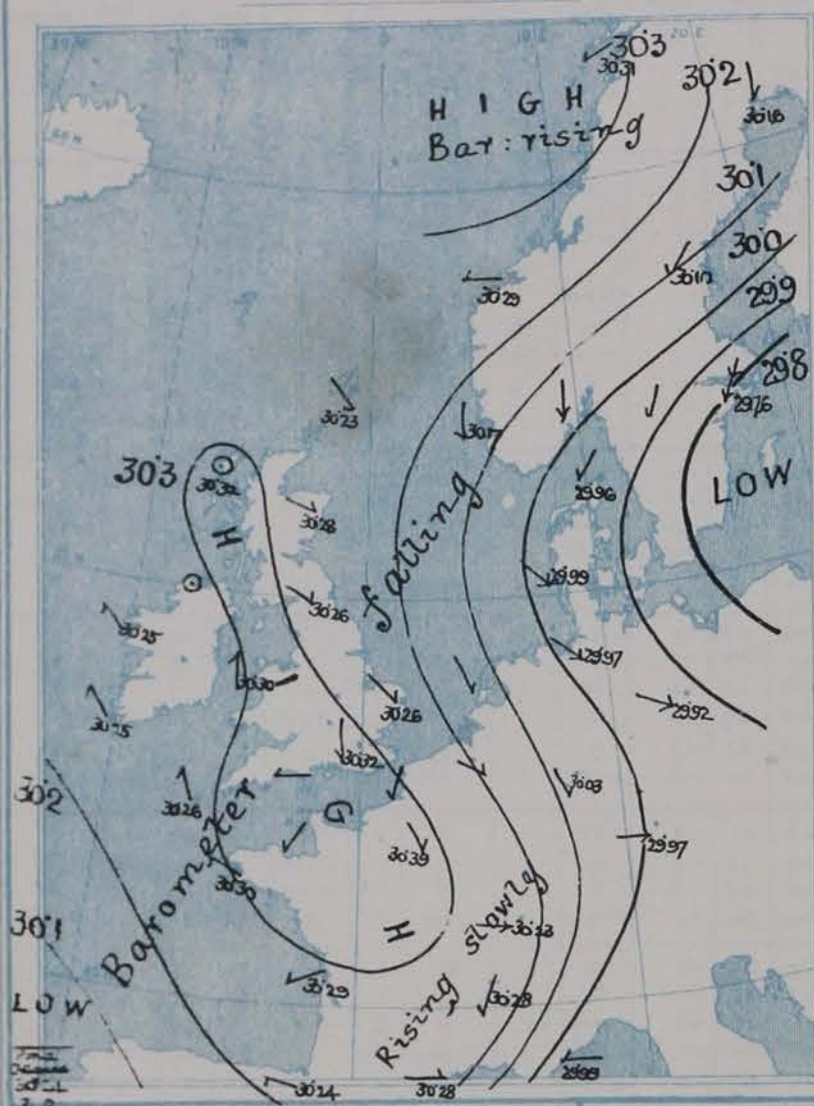
WEATHER CHARTS

FOR SUNDAY, 19th APRIL, 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.—Knots 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 APRIL, (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone noticed recently in the west, continues to move slowly eastwards, and now embraces the major portion of the United Kingdom, where the barometer varies from 30.4 ins. to nearly 30.5 ins. The lowest readings are still found over the Riviera and its vicinity (29.83 ins. at Nice), but they are apparently almost equally as low in a shallow disturbance over the Baltic. Pressure is at present falling over Ireland and Scotland, and also over North Germany, rising elsewhere. Gradients are moderate over the Netherlands, and over eastern countries, and steep over the southeast of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has become very light and rather variable over our western districts, but continues Northerly, (Northwest to Northeast) over our area as a whole, and blows freshly or strongly on the east coast of England and on the Dutch and Danish coasts. Temperature has risen a little at most of our own stations, but remains very low for the time of year. It at present ranges from 44° at Valentia and 43° at Scilly and Jersey, to 35° in London and at Oxford, and to 32° at Wick and Lumburgh Head. Over the continental portion of our area it varies from 43° at Nice to 29° at Munich, and 28° at Belfort; and from 39° in the north of Denmark to 32° at Stockholm, and to 30° at Haparanda. The weather is fine and bright over Ireland, England and France, but cloudy or dull over Scotland, and in most continental regions. Snow is falling on the northeast coast of Scotland, at Christiansund, Brussels, Munich, and Euxhausen and also, locally, at the mouth of the Elbe. The sea is rather rough off the Shetlands, and the east and southeast of England, and at the Helder and Cape Gris Nez.

The maximum temperatures registered yesterday were again very low - 40° or less on our east and north-east coasts - and sharp frosts occurred during the night. At Dungeness and Newton Reigny the screened thermometer descended to 24°, at Oxford and Shields to 28°, and in many other localities to 32° or a little below. At Oxford and in London the grass temperature readings were 23° and 22° respectively. Snow has fallen on our northern and eastern coasts - as much as 0.28 ins. at Wick and 0.15 in. at Yarmouth, and also over the Netherlands and at some German stations. The amount of bright sunshine was large especially in the south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes at present in progress are rather undecided, but it appears that the anticyclone will either give way gradually, or move southwards and that cyclonic disturbances are about to appear off our northwestern coasts. Fair weather is likely to continue over all the more southern districts with some increase in the day temperatures. In the north and northwest snow or sleet is probable at times, with more cloud than has been experienced of late.

FORECASTS *

For the 24 hours ending at NOON on **19 April**, 1903

DISTRICTS.

FORECASTS.

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

Wind chiefly N^W to NW^W moderate; cloudy or dull, snow at times. Cold.

Wind chiefly N^W or NW^W fresh on coast; fine generally, but some snow in east. Frost again at night; some increase of temperature tomorrow.

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.

Light and rather variable airs, finally w^W in north; fine generally. Temperature inclined to rise, but frost inland at night.

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	*	8	43	29	9.7	-
Newton Reigny (Penrith)	30.45	34	NNW 3	0	30.43	+ .02	37	36	+ 5	WNW 4	8	*	bc, oc	41	24	9.0	-
Bath	30.38	44	N 4	8	30.46	+ .06	37	32	0	NE 1	8	*	-	46	27	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.	44	28	8	9.7	-	Eastbourne	*	*	*	9.2	*
Rhyl	*	*	*	10.8	*	Hastings	*	*	*	9.2	*
Llandudno	*	*	*	8.2	*	Lowestoft, to 6 p.m. ...	41	30	co, sh, cs	6.7	0.14
Aberystwyth, to 6 p.m. ...	47	40	8c	4.0	-	Harrogate, to 6 p.m. ...	42	29	8c	9.5	0.01
Plymouth, to 9 p.m.	49	32	8c, 8	11.2	-	Manchester, to 9 p.m. ...	42	30	8c	6.3	-
Worthing	*	*	*	10.5	*	Darwen, to 9 p.m.	40	26	oc, 8c, 8m	7.5	-
Brighton	*	*	*	9.0	*	Birmingham, to 9 p.m. ...	41	39	8c, 8	7.3	-

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

STATIONS. 17 April, 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	48	30	r, c	Ins. 0.04	Tunis	73	48	c, bc	Ins.
Madrid	79	36	b, b	-	Algiers	66	55	bc, c	-
Vienna	46	34	o, r	0.20	Madeira (Funchal) ...	66	52	o, o	-
St. Petersburg	48	34	c, o	0.04	18 April, 1903.				
Trieste	55	41	r, r	0.32					
Florence	61	40	r, o	0.63	Lugano	59	—	bc	-
Rome	64	52	o, o	-	Davos	37	—	s	-
Corsica (I. Sanguinaires) ...	61	43	m, f	-	Lucerne	36	—	r	-
Naples	60	53	o, o	-	Lausanne	43	—	r	-
Palermo	64	57	c, c	-					
Malta	65	57	- 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.

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

18 April, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.51	11.52	6.53
Greenwich	5.1	11.59	6.58
Wick	4.55	12.11	7.28
Valencia	5.41	12.40	7.40

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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 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, 20th April, 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.	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 ...	30.03	32	NE	2	0	29.83	-32	28	28	-2	NE	6	S			37	27		0.09	
	Hernösand ...	29.64	33	NE	4	0	29.45	-65	29	29	-1	NE	4	S			36	28		0.24	
	Stockholm ...	29.30	32	NNE	9	5	29.13	-63	37	34	+4	SE	4	0			36	30		0.83	
	Wisby ...	29.24	35	NNE	6	7	29.15	-66	36	35	-1	E	2	30			37	30		0.79	
	Karlstad ...	29.63	36	N	9	0	29.27	-66	29	?	-4	N	8	S						0.32	
	Færder (X'ania Fjord) ...	29.73	39	?NE	7	C	29.41	-65	33	30	-3	NNW	8	0	3		41	32			
	Bodö ...	30.22	30	ENE	2	6	30.10	-21	30	26	+1	E	2	6	1		37	21			
	Christiansund ...	30.17	35	NE	5	C	29.94	-35	34	32	-2	ENE	6	S	4		39	30			
BRITISH ISLANDS.	Skudesnaes ...	29.97	40	N	4	6	29.70	-47	34	30	0	N	6	6	2		43	30			
	Sumburgh Head ...	30.13	39	NE	3	C	29.93	-30	39	35	0	ENE	2	C	4		42	34		0.05	
	Stornoway ...	30.10	49	SW	2	0	29.90	-42	35	35	-8	Z	0	6c	0	d,r,o	51	34	0.6	0.07	
	Malin Head ...	30.10	46	E	3	C	29.88	-39	44	41	+1	S	2	cm	1	c	46	42			
	Blacksod Pt. ...	30.07	48	SSW	4	cm	29.82	-43	46	44	+1	SE	3	cm	3	c,cm	49	45			
	Valencia ...	30.07	49	SSE	3	cm	29.77	-47	48	44	+2	SSE	4	cm	3	c,cm	53	45	2.5		
	Roche's Point ...	30.13	48	S	3	6	29.87	-41	48	45	+1	S	5	0	3	60,6	50	46			
	Parsonstown ...	30.11	50	SSE	1	C	29.88	-41	44	42	+3	SSE	1	0		60,6	53	37	6.4		
GERMANY, &c.	Donaghadee ...	30.15	47	SW	1	6c	29.94	-36	41	40	-1	SSW	1	6c	0		50	33			
	Liverpool Obsy. ...	30.16	44	WNW	1	6c	29.96	-35	41	39	-2	ENE	1	C	1	6c	49	36			
	Holyhead ...	30.18	46	W	2	6	29.96	-34	46	43	+1	SE	1	cm	1	6	51	38			
	Pembroke (St. Ann's) ...	30.18	47	S	1	6	29.95	-36	46	44	+3	SE	4	C	3		49	38	11.7		
	Scilly (St. Mary's) ...	30.14	50	SSE	4	6c	29.89	-37	48	45	+2	SE	4	C	3	6,6c	54	41	11.2		
	Jersey (St. Aubins) ...	30.20	51	SSE	3	6m	29.99	-35	48	43	+1	ESE	2	6m	2	6c,6m	55	35	11.9		
	Portland Bill ...	30.19	47	W	3	6	29.99	-34	47	43	+2	E	1	6c	1	6	52	39			
	Dungeness ...	30.15	44	WSW	4	0	30.00	-30	42	39	-2	NE	3	6c	1	0	46	31			
FRANCE.	Wick ...	30.08	40	SE	2	C	29.85	-39	43	42	+8	NNW	2	0	2		43	35		0.03	
	Nairn ...	30.11	41	E	1	C	29.89	-37	40	39	+5	W	1	0	1		46	34		0.01	
	Aberdeen ...	30.14	39	SE	2	C	29.90	-38	40	39	+4	NE	1	cm	2	6c,c	42	34	9.8		
	Leith ...	30.15	43	ENE	1	6c	29.91	-34	44	40	+6	Z	0	6m		46	34				
	North Shields ...	30.15	40	NE		6c	29.92	-34	40	38	+4	SW	2	C	3	r,6c	41	35		0.02	
	Spurn Head ...	30.15	40	N	3	C	29.94	-33	43	41	+5	WNW	3	6	2		43	37			
	Yarmouth ...	30.13	41	NNW	3	cv	29.95	-31	39	36	+1	WNW	4	6	4	c,ev	42	28		0.02	
	Loughborough ...	30.13	45	NW	2	6	29.99	-34	37	36	-1	Z	0	6m		6,6m	54	29			
SPAN. PEN.	Oxford ...	30.12	51	NW	2	6	29.99	-33	43	40	+6	SE	1	6m		6cm,6	54	31	4.0		
	London (Brixton) ...	30.12	51	NW	2	6	29.99	-33	43	40	+6	SE	1	6m		6cm,6	54	31	4.0		
	The Scaw (Skagen) ...	29.64	39	NNE	6	0	29.39	-57	35	33	-2	NNE	7	m	2		41	34			
	Fanö ...	29.78	38	NW	6	6	29.56	-43	38	33	+1	NW	8	6			43	34			
	Cuxhaven ...	29.83	41	NNW	6	6	29.63	-34	40	35	-1	NW	7	6			43	39			
	The Helder ...	30.02	41	NW	5	0	29.85	-31	42	38	+2	NW	4	6c	3		42	37			
	Brussels ...	*	*	*	*	*	29.99	-27	37	35	+3	WSW	1	C			46	30		0.12	
	Berlin ...	29.50	34	NW	7	S	29.45	-47	34	33	-2	W	4	S			39	21		0.35	
SPAN. PEN.	Frankfurt ...	30.04	38	NW	3	C	29.88	-15	38	32	+2	W	2	C			45	34			
	Munich ...	29.99	30	W	7	6	29.93	-04	31	29	+3	W	7	C			34	23		0.08	
	C. Gris Nez ...	30.13	43	WSW	4	0	30.04	-25	41	39	+2	NNE	3	6	2		48	37			
	Brest ...	30.15	51	SSE	3	6	29.95	-35	45	45	+4	SE	4	6c	3		55	41			
	Lorient ...	30.17	51	SSW	2	6	29.94	-37	42	41	+1	E	4	6c	4		54	41			
	Rochefort ...	30.11	53	E	4	6	29.93	-36	40	38	+1	E	4	6			63	36			
	Biarritz ...	30.03	59	E	4	6	29.85	-39	43	40	+3	E	4	6	1		63	39			
	Paris ...	30.17	46	NNW	3	6	30.04	-35	34	32	-3	S	1	0			53	29			
SPAN. PEN.	Belfort ...	30.10	32	WSW	4	6c	30.04	-19	33	30	+5	WSW	3	0			40	28		0.08	
	Lyons ...	30.21	41	N	2	6	30.06	-23	36	30	0	N	1	6			47	24			
	Nice ...	30.00	44	WSW	1	0	29.93	-06	44	38	+3	E	2	6	1		55	41			
	Perpignan ...	30.09	51	SE	1	6	30.00	-28	42	38	0	S	2	0			62	32			
SPAN. PEN.	Corunna ...	29.99	60	WNW	4	6	29.93	-05	57	52	-3	N	4	0			66	55			
	Lisbon ...	29.99	60	WNW	4	6	29.93	-05	57	52	-3	N	4	0			66	55			
	Azores (P. Delgada) ...	30.15	57	S	1	m	29.99	-25	62	61	-6	WNW	5	m	3		64	55		0.28	
SPAN. PEN.	" (Horta) ...	30.17	63	SSW	4	C	30.08	-13	64	62	+6	WNW	4	C	2		72	58			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR MONDAY, 20TH APRIL, 1903.

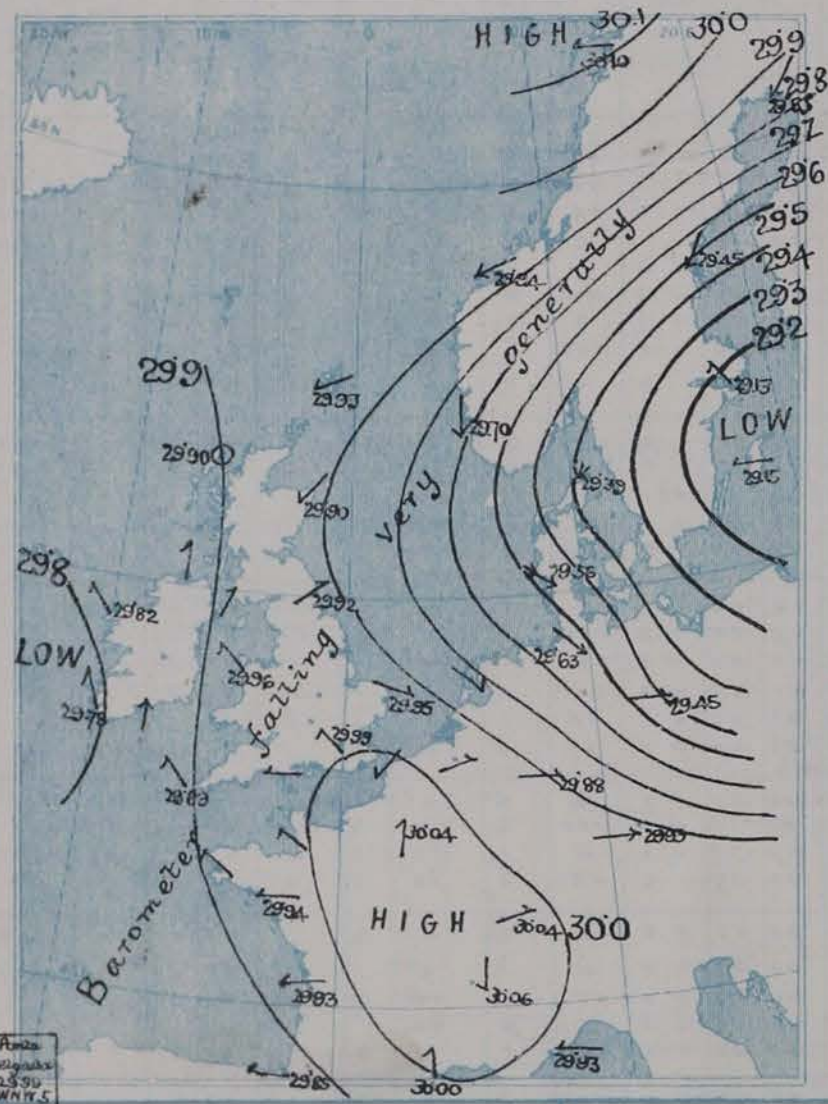
I. BAROMETER, WIND AND SEA. This Morning.

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

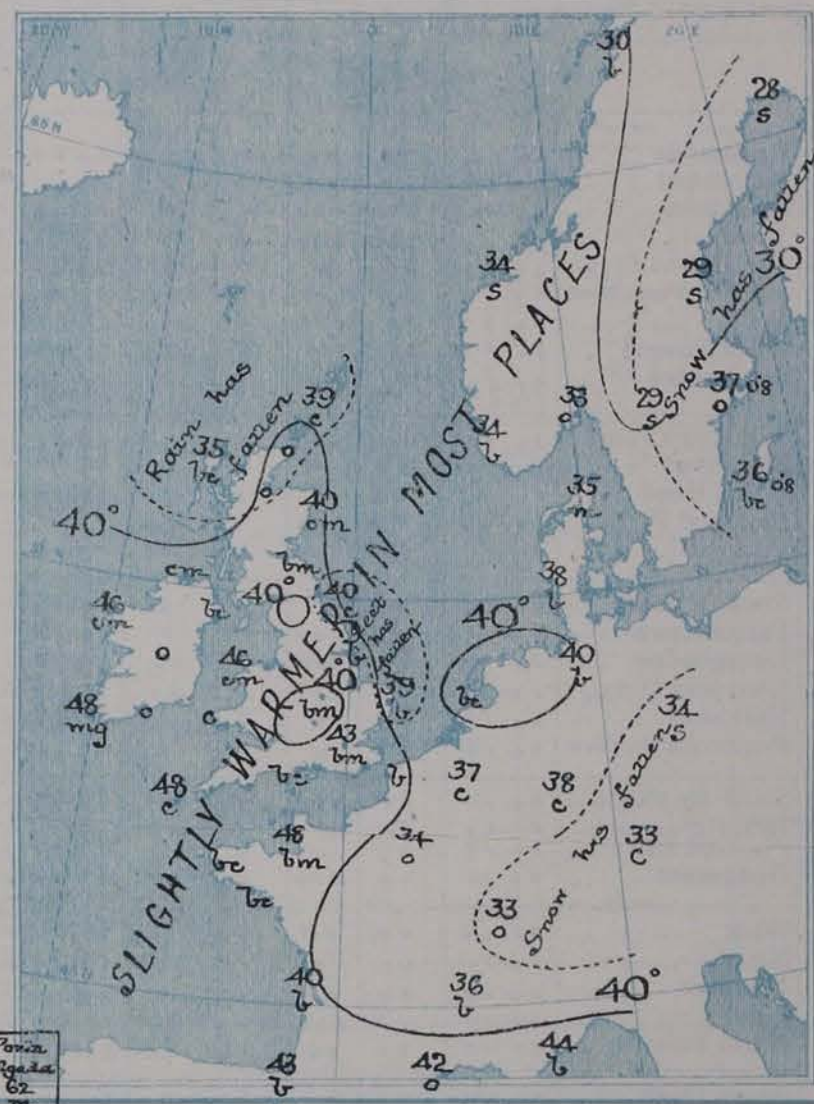


II. TEMPERATURE AND WEATHER. This Morning.

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.



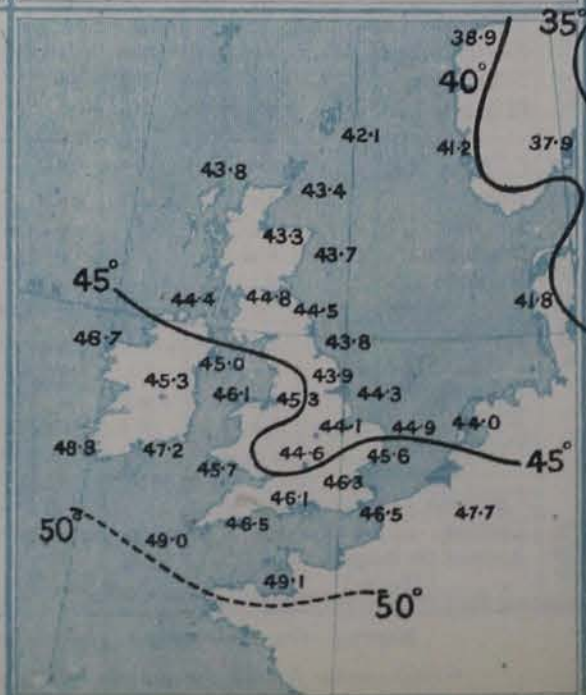
IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES

combined for the month of APRIL, (1871-1900)



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

An anticyclone still lies over the greater part of western Europe, the highest pressures, 30.3 ins. and upwards, being at present reported (1) over the western and central parts of Great Britain and (2) over the northwest of Norway. The lowest pressures, 29.8 ins. and less, are found in a cyclonic system lying over the Baltic and the south of Sweden, but the barometer is also rather low, 30.0 ins. and upwards in Portugal. The barometer is falling generally but is rising in the north of Scandinavia and also in the central and southern parts of France.

WIND

The wind is N or NE in Scandinavia, with a strong gale at Stockholm, and NW on our own north and east coasts as well as in the Netherlands and Germany. In the west and south of France it is chiefly E, while on our own western coasts it is S or SE.

TEMPERATURE

Temperature has risen a little in many places, but is still low for the time of year, the morning readings being below 40° over the northern, eastern and central parts of Great Britain and nearly the whole of France and below 35° in Scandinavia, Belgium, south Germany and the east of France. On our extreme southwest coasts and in the Channel Islands the thermometer is above 45°.

WEATHER

The weather is fair or fine over western Europe generally, but rain is falling at Stornoway and sled at Shields. In Sweden the sky is overcast, snow is falling in Belgium, Germany, and the east of France. The sea is moderate in the North Sea, but slight or smooth elsewhere.

AND

SEA

During yesterday the thermometer rose to 50° at several of our western and southern stations to 51° at Leith and to 52° at Parsonstown; in the north of Scotland it did not reach 40°. Frost again occurred last night in many parts of the United Kingdom. The amount of bright sunshine yesterday was large at many of our western and southern stations, — more than 10 hours in several places and nearly 12 hours at Scilly and Jersey. Snow or sled again fell at many of our northern and eastern stations, and also over Germany and the Netherlands.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 20TH APRIL, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH		6 { SCOTLAND WEST	
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH			
		WARNINGS	

None issued.

None issued.

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.	Rainfall
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.	Hrs.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	b, bc	48	33	9.7	-
Newton Reigny (Penrith)												*	-				
Bath	30.32	45	NE 2	b	30.31	-15	44	37	+7	NE 1	b	*	-	49	32	10.5	-

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. ...	59	27	c, b	9.4	-	Eastbourne	*	*	*	*	*
Rhyl	*	*	*	8.3	*	Hastings	*	*	*	9.6	*
Llandudno	*	*	*	9.3	*	Lowestoft, to 6 p.m. Not received					
Aberystwyth, to 6 p.m. ...	47	38	b, c	7.0	-	Harrogate, to 6 p.m. ...	48	27	b, c, b, c	8.1	-
Plymouth, to 9 p.m. ...	49	32	b, b	11.5	-	Manchester, to 9 p.m. ...	46	26	b, bc	5.5	-
Worthing	*	*	*	10.7	*	Darwen, to 9 p.m. ...	44	25	bc, bm	9.6	-
Brighton	*	*	*	*	*	Birmingham, to 9 p.m. ...	47	27	b, c	8.9	-

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

STATIONS. 18 th April 1908.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	45	28	c, c	Ins. 0.08	Tunis	55	46	c, f	Ins. -
Madrid	70	30	b, b	-	Algiers	64	50	o, c	-
Vienna	41	32	s, s	0.79	Madeira (Funchal) ...	Not received.			
St. Petersburg	41	32	o, o	0.16					
Trieste	48	41	o, o	0.87					
Florence	48	40	o, o	-					
Rome	57	42	o, c	0.24					
Corsica (I. Sanguinaires) ...	57	43	m, m	-					
Naples	58	43	c, c	0.32					
Palermo	71	48	c, o	-					
Malta	68	54	c	-					
					17 th April 1908.	1 p.m.		1 p.m.	Measured 7 a.m.
					Lugano	46	-	o	0.12
					Davos	27	-	s	0.08
					Lucerne	37	-	s	0.43
					Lausanne	37	-	b	0.16

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 April 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	4.49	11.52	6.54
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	4.59	11.59	6.59
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	4.52	12.11	7.30
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	5.39	12.40	7.41
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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† 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, 21 April, 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 ...	29.73	23	NE	4	S	29.67	-1.06	28	28	0	N	4	0	-	32	23	*	0.75				
	Hernösand ...	29.49	31	X	0	S	29.41	-0.08	33	32	+4	NE	4	S	-	34	28	*	0.47				
	Stockholm ...	29.25	35	ESE	4	T	29.19	+0.06	36	35	-1	E	2	T	-	41	30	*	0.12				
	Wisby ...	29.14	35	X	0	C	29.16	+0.01	32	35	+2	X	0	bc	-	41	30	*	0.16				
	Karlstad ...	29.29	34	NE	2	0	29.28	+0.01	34	32	+5	NE	2	0	S, 0	*	*	*	0.16				
	Færder (X'ania Fjord) ...	29.33	34	N	6	0	29.37	-0.04	36	33	+3	NNE	6	C	2	36	32	*	-				
	Bodö ...	29.79	31	E	2	0	29.61	-1.49	32	29	+2	E	4	bc	2	34	27	*	-				
	Christiansund ...	29.64	35	NE	5	0	29.49	-1.45	33	31	-1	E	3	C	4	36	30	*	0.04				
	Skudesnaes ...	29.43	39	NNW	6	C	29.43	-2.27	36	39	+2	N	4	C	2	41	32	*	*				
	Sumburgh Head ...	29.83	37	N	3	bc	29.68	-1.25	35	33	-4	N	4	bc, p	5	43	31	*	0.01				
BRITISH ISLANDS.	Stornoway ...	29.85	41	NNE	3	0	29.85	-0.05	36	34	+1	NNE	3	0	C, 0	50	35	4.8	-				
	Malin Head ...	29.77	47	E	2	om	29.73	-1.15	40	38	-4	ESE	4	om	3	50	39	*	-				
	Blackod Pt. ...	29.70	51	SSE	2	cm	29.67	-1.15	47	46	+1	ENE	4	cm	3	51	45	*	0.01				
	Valencia ...	29.60	47	ESE	4	op	29.58	-1.20	45	41	-3	ENE	4	om	3	52	43	0.0	0.06				
	Roche's Point ...	29.68	49	S	5	0	29.56	-1.31	46	43	-2	ENE	4	0	1	50	43	*	-				
	Parsonstown ...	29.72	50	ESE	1	0	29.64	-1.24	45	42	+1	E	2	0	0	53	39	0.4	-				
	Donaghadee ...	29.79	49	SSE	2	og	29.73	-1.21	39	38	-2	ESE	5	0	5	51	37	*	0.02				
	Liverpool Obsy. ...	29.78	45	NNW	2	bc	29.66	-1.30	39	36	-2	E	5	0	3	50	38	*	-				
	Holyhead ...	29.78	47	NN	1	bc	29.63	-1.33	44	42	-2	E	4	om	3	51	42	*	-				
	Pembroke (St. Ann's) ...	29.76	48	SSE	3	0	29.55	-1.40	46	43	0	E	4	mg	4	50	42	3.8	-				
GERMANY, &c.	Scilly (St. Mary's) ...	29.64	49	SE	5	0	29.37	-1.52	48	45	0	E	5	om, sp	5	53	45	3.3	-				
	Jersey (St. Aubins) ...	29.75	51	NNE	3	og	29.45	-1.54	46	45	-2	ESE	3	or	3	54	43	8.3	0.02				
	Portland Bill ...	29.77	47	E	1	C	29.50	-1.49	47	46	0	NE	3	C	2	52	44	*	-				
	Dungeness ...	29.80	46	S	2	bc	29.59	-1.41	49	46	+7	ENE	3	bc	1	49	42	*	-				
	Wick ...	29.83	40	N	3	0	29.70	-1.15	37	36	-6	N	4	0	2	43	30	*	0.40				
	Nairn ...	29.86	36	E	3	0	29.78	-1.11	37	36	-3	NNE	2	0	2	50	31	*	0.03				
	Aberdeen ...	29.84	36	NNE	3	0	29.72	-1.18	37	36	-3	NNW	4	bc	3	44	32	0.2	0.04				
	Leith ...	29.77	44	NE	1	0	29.74	-1.17	43	38	-1	NNE	2	bc	3	55	36	*	0.09				
	North Shields ...	29.75	44	E	1	0	29.70	-1.22	41	37	+1	NNE	2	C	3	50	36	*	-				
	Spurn Head ...	29.79	44	SE	3	C	29.65	-1.29	44	40	+1	E	4	bc	2	50	39	*	-				
FRANCE.	Yarmouth ...	29.78	46	SSE	3	bc	29.63	-1.32	42	38	+3	NNE	5	C	4	47	36	*	-				
	Loughborough ...	29.74	47	S	2	bc	29.60	-1.39	42	40	+5	NE	3	0	*	57	36	*	-				
	Oxford ...	29.74	52	SW	3	cm	29.59	-1.40	46	41	+3	X	0	m	*	58	37	3.5	-				
	London (Brixton) ...	29.76	52	SW	3	cm	29.59	-1.40	46	41	+3	X	0	m	*	58	37	3.5	-				
	The Scaw (Skagen) ...	29.28	34	NNE	3	m	29.33	-1.06	36	35	+1	NE	3	0	1	46	30	*	0.04				
	Fanö ...	29.45	38	NW	9	0	29.43	-1.13	37	36	-1	NE	1	bc	*	43	36	*	-				
	Cuxhaven ...	29.58	41	NW	6	0	29.52	-1.11	42	37	+2	WNW	4	0	*	43	39	*	-				
	The Helder ...	29.74	42	NW	4	C	29.60	-1.25	41	38	-1	N	2	0	2	43	39	*	0.12				
	Brussels ...	*	*	*	*	*	29.62	-1.37	45	39	+8	SE	1	C	*	49	35	*	-				
	Berlin ...	29.53	39	WNW	6	0	29.55	+1.10	40	37	+6	WNW	4	T	*	45	34	*	-				
SPAN. PEN.	Frankfurt ...	29.79	42	W	2	C	29.75	-1.13	36	32	-2	S	2	0	*	50	32	*	-				
	Munich ...	29.86	36	W	4	bc	29.73	-1.20	35	32	+4	SW	3	bc	*	41	27	*	0.04				
	C. Gris Nez ...	29.82	44	ENE	1	bc	29.63	-1.41	44	40	+3	SE	2	bc	1	50	39	*	-				
	Brest ...	29.65	50	SE	4	0	29.38	-1.57	50	48	+5	SW	3	0	3	55	45	*	0.04				
	Lorient ...	30.04	49	SE	4	0	29.42	-1.52	50	48	+8	SW	3	0	2	55	42	*	0.04				
	Rochefort ...	29.67	55	SW	4	0	29.55	-1.38	50	49	+10	SW	3	T	*	66	37	*	0.20				
	Biarritz ...	29.79	54	X	0	0	29.59	-1.26	50	50	+7	ESE	1	0	0	64	43	*	0.04				
	Paris ...	29.80	52	E	2	bc	29.57	-1.47	44	40	+10	S	2	0	*	58	34	*	-				
	Belfort ...	29.82	44	S	2	0	29.67	-1.37	39	35	+6	ENE	2	m	*	50	31	*	-				
	Lyons ...	29.88	49	E	1	bc	29.69	-1.37	46	40	+10	S	3	0	*	56	36	*	-				
Nice ...	29.90	46	E	1	0	29.85	-1.08	48	42	+4	E	4	bc	2	57	39	*	-					
Perpignan ...	29.83	50	SE	2	0	29.65	-1.35	51	48	+9	X	0	bc	*	55	42	*	-					
SPAN. PEN.	Corunna ...	29.87	55	NW	3	bc	29.75	-1.03	55	51	-2	SW	5	T	*	63	54	*	-				
	Lisbon† ...	30.01	64	NW	5	bc	29.98	-1.03	62	60	-2	WNW	4	m	3	68	61	*	-				
	Azores (P. Delgada)† ...	30.09	65	S	4	bc	30.05	-1.03	62	60	-2	SW	4	0	2	68	61	*	-				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR *Tuesday, 21st April, 1903.*

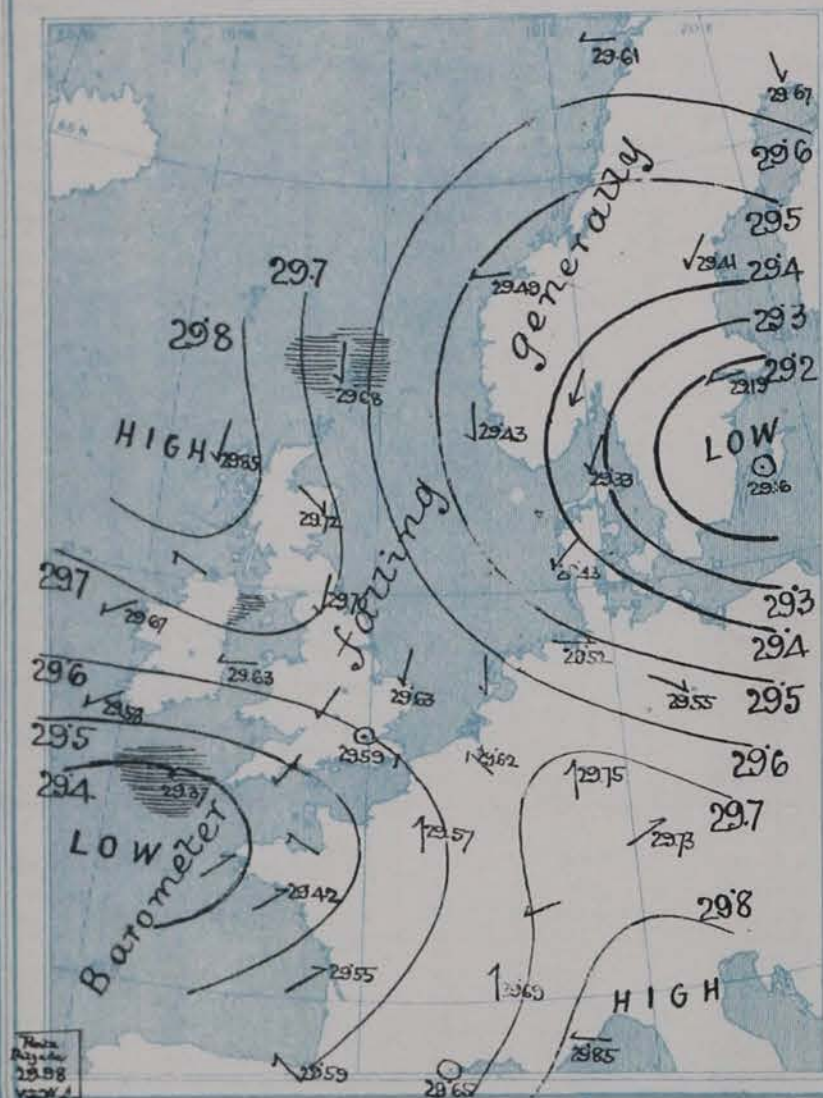
I. BAROMETER, WIND AND SEA. This Morning.

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

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

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

SEA.—Breeze High

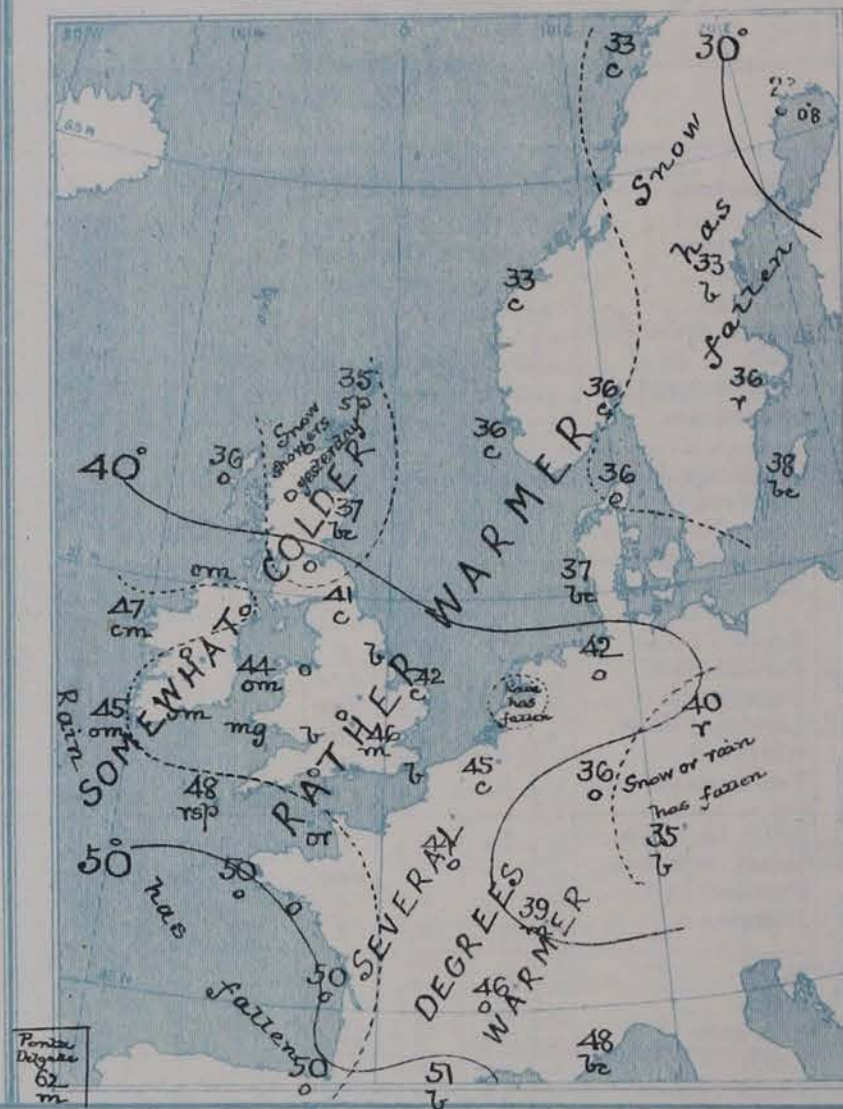


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

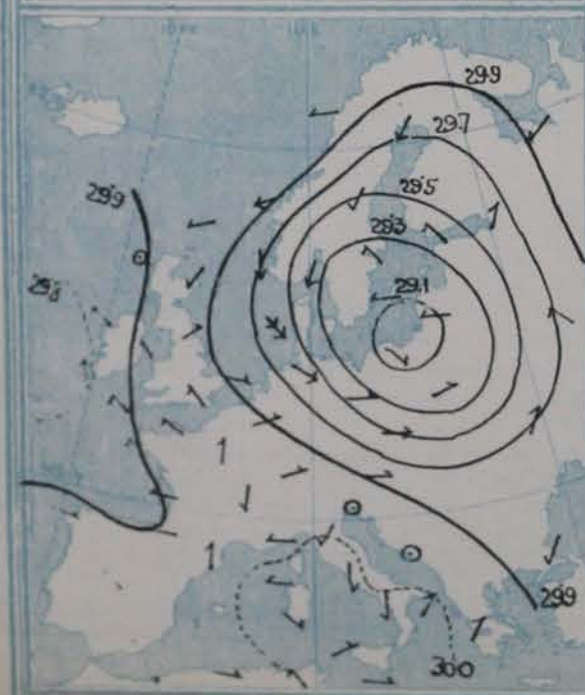
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

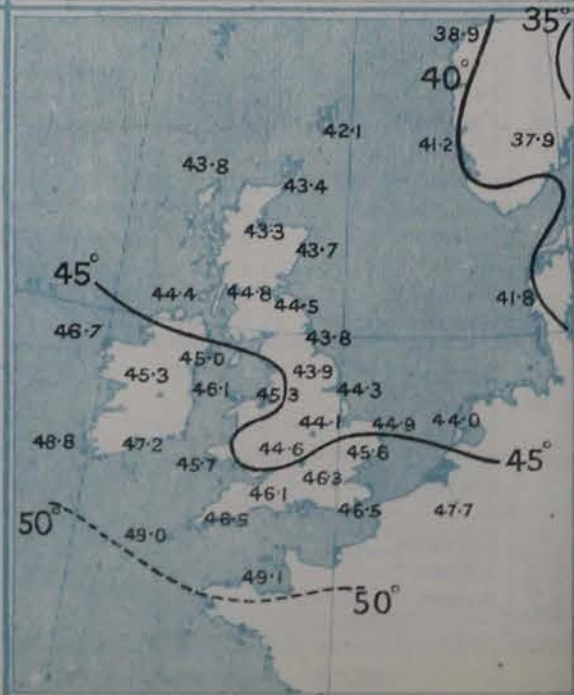
Yesterday morning.



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



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is falling generally, and while the lowest pressures, 29.2 ins. and less, are found in a large and deep cyclonic system with its centre over the northern part of the Baltic the readings are also somewhat low, 29.8 ins. and less, in another disturbance off the west of Ireland. The highest readings, 30.1 ins. and upwards, are reported in the north of Norway, but the barometer is above 30.0 ins. over northern and central France, and above 29.9 ins. in a ridge extending across the whole of Great Britain. Over Scandinavia the gradient for NE^{ly} winds is steep.

WIND

TEMPERATURE

WEATHER

AND

SEA

Under the influence of the Baltic disturbance the wind is E^{ly} or NE^{ly} in the north of Scandinavia, N^{ly} or NW^{ly} over the North Sea and all adjacent coasts (with a gale in Denmark and the south of Norway) and W^{ly} over the Netherlands and Germany. In the English Channel and the west and south of France the wind is E^{ly}, while on our own western coasts it is SE^{ly}. Temperature has changed rather irregularly, but the general tendency has been for a further rise. The readings are however still below the average at all but our own west coast stations; over the inland parts of England and in the north west of Scotland the thermometer is below 40°, while in Norway and also in many parts of Germany and central France it is below 35°. Frost prevails in Sweden and the north of Norway. On our west and southwest coasts the readings are a trifle above 45°. The weather is fine over western Europe generally but is dull in the northeast of Scotland and the south of Ireland as well as in central France; snow is falling at many of the Swedish stations and also at Christiansund and Berlin. The sea is slight or smooth on nearly all coasts.

During yesterday the thermometer rose to 50° and upwards at most of our western and southern stations to 54° in London and at Scilly and to 55° at Jersey; on our north and east coasts the maximum readings were as a rule below 45°. A little rain or sleet fell at many places in the north and east; snow was also experienced in Germany and Sweden, the fall being heavy at Stockholm and Wisby.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance over the Baltic is spreading W^{wards}, but its effect is neutralised by another low pressure system which is apparently advancing from the Atlantic towards the Irish coasts. No immediate change is probable either in the winds or weather over Great Britain, but freshening SE^{ly} winds are anticipated in Ireland, with some rain.

FORECASTS*

For the 24 hours ending at NOON on 21st April.

1903

DISTRICTS.



FORECASTS.

0	SCOTLAND NORTH	N ^{ly} to variable breezes; fair generally. frost at night.
1	SCOTLAND EAST	
2	ENGLAND N.E.	NW ^{ly} winds, force doubtful; fair generally.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	Variable or light E ^{ly} breezes; fine generally, frost at night.
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	SE ^{ly} winds, light; fair generally.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SE ^{ly} winds, freshening; fair generally.
9	IRELAND NORTH	SE ^{ly} winds, freshening; fair at first, some rain later. Rather warmer.
10	IRELAND SOUTH	
WARNINGS		At 7 p.m. yesterday to districts 1, 2, 3, and parts of 0 and 5. Hoist North 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. Ind.	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, r	46	52	3.1	0.05
Newton Reigny (Penrith)	30.14	47	WNW 1	3c	29.95		37	37		E 2	3	*	3c	53	29	6.0	-
Bath	30.16	53	NE 1	3	29.97	- .34	57	35	- 7	N 1	3	*	-	53	25	10.6	-

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....	50	52	3c, 3	9.5	-	Eastbourne	*	*	*	9.2	*
Rhyl	*	*	*	10.3	*	Hastings	*	*	*	1.9	*
Llandudno	*	*	*	9.5	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	49	50	3	10.0	-	Harrogate, to 6 p.m. ...	50	50	c	1.5	-
Plymouth, to 9 p.m....						Manchester, to 9 p.m. ...	52	28	3c	8.0	-
Worthing	*	*	*	11.3	*	Darwen, to 7 p.m. ...	50	32	3c, m	10.5	-
Brighton	*	*	*	8.7	*	Birmingham, to 9 p.m. ...	53	30	3	10.8	-

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

STATIONS. 19 th April 1903.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max. °	Min. °				Max. °	Min. °		
Utrecht					Tunis				
Madrid					Algiers				
Vienna					Madeira (Funchal) ...				
St. Petersburg									
Trieste									
Florence									
Rome									
Corsica (I. Sanguinaires) ...									
Naples									
Palermo									
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.	20 th April 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	4.47	11.52	65.6
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	4.57	11.57	7.31
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	4.50	11.12	7.32
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	5.37	12.40	7.42
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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† 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, 22nd April, 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 ...	29.39	35	E	2	0	29.32	- .35	32	30	+ .4	N	2	0	*	-	35	23	*	0.24
	Hernösand ...	29.38	32	Z	0	0	29.41	-.00	33	31	0	Z	0	0	*	-	36	30	*	0.16
	Stockholm ...	29.32	36	NNE	2	0	29.44	+ .25	39	36	+ .3	S	2	0	*	-	43	32	*	0.04
	Wisby ...	29.39	37	Z	0	0	29.45	+ .29	38	36	0	S	2	0	*	-	39	22	*	-
	Karlstad ...	29.36	34	N	2	0	29.42	+ .14	36	35	+ .2	N	2	0	*	-	39	22	*	-
	Færder (X'ania Fjord) ...	29.37	39	WSW	2	0	29.40	+ .03	35	34	- .1	N	2	0	1	-	41	34	*	-
	Bodö ...	29.48	32	E	4	0	29.39	- .22	32	28	0	E	2	0	1	-	36	27	*	-
	Christiansund ...	29.49	35	ENE	2	0	29.43	- .06	37	32	+ .4	WSW	3	0	3	-	37	33	*	-
BRITISH ISLANDS.	Skudesnaes ...	29.43	38	N	6	0	29.42	- .01	37	33	+ .1	N	6	0	2	-	45	34	*	-
	Sumburgh Head ...	29.64	38	N	4	0	29.55	- .13	38	35	+ .3	NNW	3	0	4	csp, 0	43	33	*	0.02
	Stornoway ...	29.80	41	ENE	2	0	29.66	- .19	35	34	- .1	NNW	2	0	3	ohp, 0	43	34	0.5	0.02
	Malin Head ...	29.74	43	NE	5	0	29.69	- .04	40	37	0	N	1	0	1	0	46	29	*	-
	Blacksod Pt. ...	29.71	45	NE	5	0	29.74	+ .07	41	40	- .6	Z	0	0	2	c, 0	50	36	*	0.01
	Valencia ...	29.61	48	NE	4	0	29.71	+ .13	42	38	- .3	NE	2	0	3	cm	55	35	2.0	0.02
	Roche's Point ...	29.57	47	ENE	4	0	29.67	+ .11	42	39	- .4	NE	3	0	2	o, p, 0	52	35	*	0.01
	Parsonstown ...	29.66	43	NNE	2	0	29.71	+ .07	35	32	- .10	NE	1	0	*	0, 0	49	27	0.8	-
GERMANY, &c.	Donaghadee ...	29.70	45	ENE	4	0	29.70	- .03	42	38	+ .3	ENE	1	0	2	-	50	37	*	-
	Liverpool Obsy. ...	29.63	42	ENE	3	0	29.64	- .02	38	36	- .1	NE	2	0	2	0, 0	45	31	*	-
	Holyhead ...	29.63	43	NE	4	0	29.65	+ .02	40	38	- .4	NE	2	0	2	om, 0	44	37	*	-
	Pembroke (St. Ann's) ...	29.52	47	SE	4	0	29.59	+ .04	40	37	- .6	NE	5	0	4	m, 0	51	34	0.3	-
	Scilly (St. Mary's) ...	29.37	45	NE	7	0	29.47	+ .10	43	39	- .5	NE	6	0	5	+	48	38	0.0	0.20
	Jersey (St. Aubins) ...	29.37	49	ENE	3	0	29.34	- .11	45	42	- .1	ENE	6	0	4	ohp, 0	54	44	0.8	0.15
	Portland Bill ...	29.44	44	ESE	5	0	29.47	- .03	40	38	- .7	NE	4	0	5	c, 0	50	36	*	0.12
	Dungeness ...	29.48	45	ENE	7	0	29.44	- .15	44	41	- .5	ENE	7	0	5	0, 0, 0	52	42	*	-
FRANCE.	Wick ...	29.69	39	N	3	0	29.58	- .12	40	39	+ .3	N	3	0	2	hp, 0	43	37	*	0.05
	Nairn ...	29.74	39	ENE	3	0	29.65	- .13	37	35	0	NW	1	0	1	-	44	30	*	0.02
	Aberdeen ...	29.68	35	NNW	3	0	29.63	- .09	38	36	+ .1	NNW	4	0	2	ohp, 0	42	33	4.1	0.12
	Leith ...	29.69	42	NNE	2	0	29.65	- .09	44	39	+ .1	NW	1	0	*	sp, 0	50	31	*	-
	North Shields ...	29.65	41	N	4	0	29.62	- .08	39	37	- .2	NE	2	0	4	sp, 0, 0	45	34	*	0.14
	Spurn Head ...	29.61	43	N	4	0	29.58	- .07	38	36	- .6	N	3	0	3	0, 0	46	35	*	0.07
	Yarmouth ...	29.58	45	NE	5	0	29.51	- .12	43	39	+ .1	NNE	5	0	4	0, 0	47	38	*	-
	Loughborough ...	29.58	41	ENE	3	0	29.54	- .06	40	37	- .2	NNE	4	0	*	p, 0	47	32	*	-
GERMANY, &c.	Oxford ...	29.54	43	ESE	4	0	29.50	- .09	42	38	- .4	NE	3	0	*	om, 0	49	36	0.0	-
	London (Brixton) ...	29.54	43	ESE	4	0	29.50	- .09	42	38	- .4	NE	3	0	*	om, 0	49	36	0.0	-
	The Scaw (Skagen) ...	29.43	35	Z	0	0	29.39	+ .06	38	35	+ .2	SW	2	0	0	-	45	34	*	-
	Fanö ...	29.46	35	Z	0	0	29.48	+ .04	38	36	+ .1	W	2	0	*	-	43	34	*	-
	Cuxhaven ...	29.53	42	W	2	0	29.50	- .02	42	39	0	NW	2	0	*	-	45	36	*	-
	The Helder ...	29.55	41	N	2	0	29.48	- .12	42	39	+ .1	NE	2	0	0	-	45	37	*	-
	Brussels ...	*	*	*	*	*	29.43	- .19	36	36	- .1	NE	4	0	*	-	55	37	*	0.16
	Berlin ...	29.57	42	W	1	0	29.52	- .03	41	39	+ .1	Z	0	0	*	-	45	34	*	-
FRANCE.	Frankfurt ...	29.54	45	SW	2	0	29.43	- .32	45	43	+ .9	SW	2	0	*	-	55	36	*	0.91
	Munich ...	29.60	41	NE	2	0	29.45	- .28	42	39	+ .7	SE	3	0	*	-	55	34	*	-
	C. Gris Nez ...	29.51	42	ENE	5	0	29.44	- .19	42	39	- .2	ENE	6	0	5	-	52	39	*	0.16
	Brest ...	29.34	53	SW	1	0	29.34	- .04	44	44	- .6	NE	4	0	3	-	57	43	*	0.28
	Lorient ...	29.34	52	S	2	0	29.26	- .16	46	46	- .4	N	3	0	3	-	55	45	*	0.28
	Rochefort ...	29.41	54	WSW	1	0	29.30	- .25	48	46	- .2	W	3	0	0	-	57	43	*	0.71
	Biarritz ...	29.40	61	Z	0	0	29.39	- .20	50	48	0	SSW	1	0	2	-	63	46	*	0.43
	Paris ...	29.44	51	SSE	1	0	29.31	- .26	47	46	+ .3	E	1	0	*	-	54	44	*	0.24
SPAN. PEN.	Belfort ...	29.48	50	Z	0	0	29.41	- .26	42	41	+ .3	ENE	3	0	*	-	56	39	*	0.28
	Lyons ...	29.52	53	S	3	0	29.37	- .32	47	44	+ .1	SE	2	0	*	-	57	46	*	-
	Nice ...	29.73	49	Z	0	0	29.54	- .31	46	45	- .2	E	4	0	4	-	57	45	*	0.43
	Perpignan ...	29.49	55	S	4	0	29.35	- .30	54	49	+ .3	Z	0	0	*	-	69	46	*	-
	Corunna ...	29.59	52	NW	4	0	29.58	- .17	51	47	- .4	NNW	5	0	*	-	61	50	*	0.83
	Lisbon ...	29.59	52	NW	4	0	29.58	- .17	51	47	- .4	NNW	5	0	*	-	61	50	*	0.83
	Azores (P. Delgada) ...	30.20	60	NNW	4	0	30.28	+ .23	59	53	- .3	NNW	3	0	2	-	68	57	*	-
	" (Horta) ...	30.20	60	NNW	4	0	30.28	+ .23	59	53	- .3	NNW	3	0	2	-	68	57	*	-

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR WEDNESDAY, 22nd APRIL, 1903.

I. BAROMETER, WIND AND SEA. This Morning.

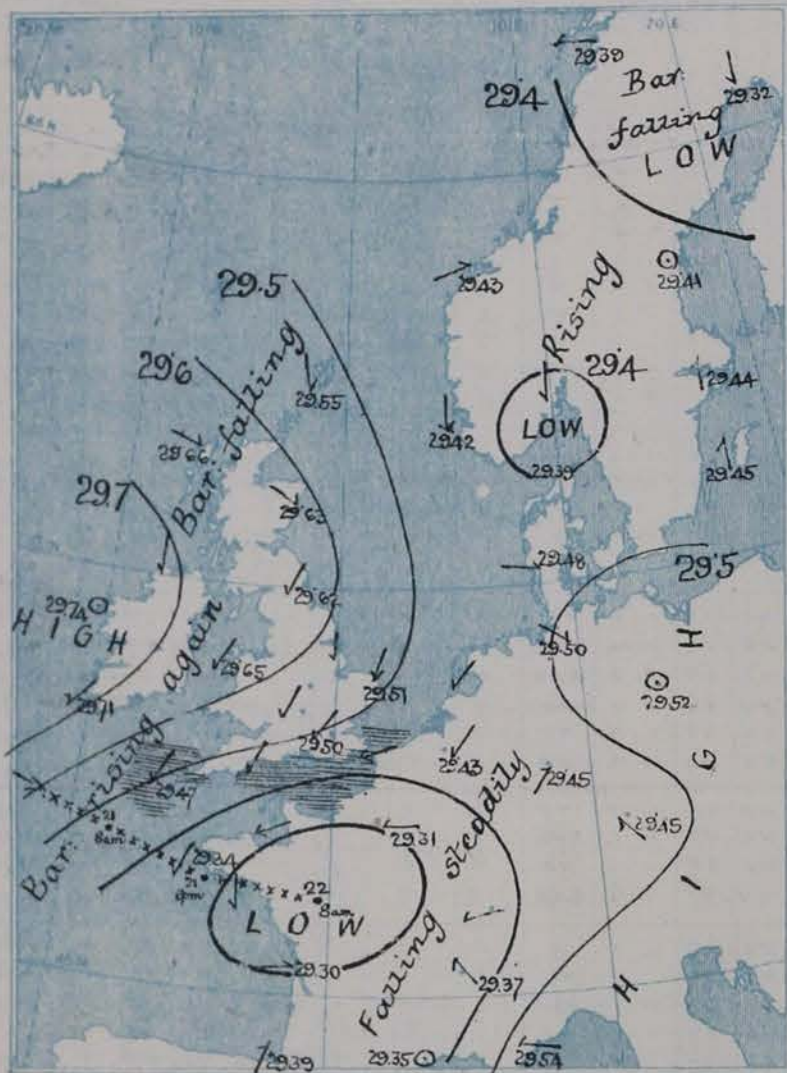
BAROMETER.—Isobars are drawn for each tenth of an inch.

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 APRIL, (1871-1900)



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 distribution of pressure over western Europe is still very irregular. The highest barometer readings, 29.8 ins and upwards, are found in two distinct areas, - one lying over the northwest of Scotland, and the other over the southeast of France. The lowest readings, 29.2 ins and less, are still reported in a cyclonic system having its centre over the northern part of the Baltic but pressure is also low in another system with its centre near the mouth of the English Channel. The former disturbance is gradually filling up, while the latter is apparently moving in an east-southeasterly direction towards France.

WIND

TEMPERATURE

WEATHER

AND

SEA

Over Ireland, England and France the wind is governed mainly by the cyclonic disturbance in the southwest, being light from the SW^{wd} over the Bay of Biscay, and from the S^{wd} over central France, but moderate to fresh from the E^{wd} on our own western and southern coasts. In other parts of western Europe the wind still circulates round the Baltic depression being E^{ly} or NE^{ly} in Scandinavia, N^{ly} over the North Sea and all adjacent coasts and W^{ly} in Germany; the gales reported yesterday in Denmark and the south of Sweden have subsided. Temperature has fallen slightly in Ireland and Scotland, the readings on our extreme northern coasts (35° to 37°) being several degrees below the average. In most other parts of our area the thermometer has risen; and although the readings over northern and central Europe are still low for the time of year, those over the south of England and the west of France now differ but little from the normal, the highest reported in our Islands being 49° at Dungeness and 48° at Scilly. The weather is fine on the east and southeast coasts of Great Britain, and also in the extreme south of France, but is cloudy or dull elsewhere; rain is falling at Jersey and Rochefort, sleet showers at Scilly, and snow at Sumburgh Head, as well as at Helsingfors. The sea is slight or smooth generally, but is rather rough at Sumburgh Head, Donaghadee and Scilly.

The maximum temperatures registered over these Islands yesterday were higher than of late, the thermometer rising to 50° and upwards in most districts, to 55° at Leith, 57° at Oxford and 58° in London. Snow or sleet fell in Scandinavia and the north and east of Scotland, - heavily in the northern parts of Sweden.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic system off the mouth of the Channel will probably move away over France, and is not likely to materially affect the weather in these Islands. In its rear N^{ly} and NE^{ly} winds will probably become general, and in the south of England the weather is likely to become colder again.

FORECASTS *

For the 24 hours ending at NOON on 22nd April. 1903

DISTRICTS.

FORECASTS.

0 1/4	SCOTLAND NORTH	N ^{ly} winds, fresh or strong in places; cold, changeable, some snow showers.
1 1/4	SCOTLAND EAST	
2	ENGLAND N.E.	N ^{ly} and NE ^{ly} winds, moderate; fair, cold.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	NE ^{ly} winds, light or moderate; fair generally, but cloudy or misty in places.
5	ENGLAND SOUTH	Becoming rather colder.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	E ^{ly} to NE ^{ly} winds, light or moderate; fair, cold.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NE ^{ly} winds, moderate or fresh; some showers at first, then fair. Colder.
9	IRELAND NORTH	Same as Nos. 6 and 7.
10	IRELAND SOUTH	
WARNINGS		At 3.25 pm. yesterday to districts 2, 3 and part of 5 "Lower Cone." The signals are still flying in district 1 and part of 6.

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.	Extr[?]all Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	"	"	3	45	39	10.6	-
Newton Reigny (Penrith)	29.79	46	NW 1	0	29.72	-.23	37	37	0	E 2	0	"	C, S	53	34	5.3	0.04
Bath	29.75	52	SW 2	7	29.55	-.42	45	41	+ 8	NE 8	6	"	-	56	37	9.5	-

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	32	om, 3, 0	9.4	—	Eastbourne	0	0	*	11.2	*
Rhyl	*	*	*	10.8	*	Hastings	*	*	*	10.7	*
Llandudno	*	*	*	11.7	*	Lowestoft, to 6 p.m. ...	47	29	3c, c	7.0	—
Aberystwyth, to 6 p.m. ...	51	45	3a	8.3	—	Harrogate, to 6 p.m. ...	54	29	3c, 3	9.7	—
Plymouth, to 9 p.m....	53	33	3c, 0	4.6	—	Manchester, to 9 p.m. ...	54	30	3, 3c	8.0	—
Worthing	*	*	*	10.2	*	Darwen, to 9 p.m. ...	50	31	3cm	9.4	—
Brighton	*	*	*	8.5	*	Birmingham, to 9 p.m. ...	56	34	3, c, 3	8.6	—

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

STATIONS. 20 TH April 1908.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	43	34	o, c	Ins.	Tunis	Not rec ^d			Ins.
Madrid	70	46	o, o	—	Algiers	59	50	o, b	—
Vienna	37	34	o, o	?	Madeira (Funchal)	68	52	b, +	—
St. Petersburg	55	36	b, o	0.08					
Trieste	59	41	b, b	—					
Florence	51	31	b, c	—	19 TH April 1908.	1 p.m.		1 p.m.	Measured 7 a.m.
Rome	55	33	b, b	—		Information not received.			
Corsica (I. Sanguinaires) ...	55	43	m, m	—	Lugano		—		
Naples	53	38	b, b	0.24	Davos		—		
Palermo	60	39	bc, b	—	Lucerne		—		
Malta	58	52	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 Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	21. April, 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	4.45	11.52.	6.58
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.	Wick	4.47	12.11	7.34
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	5.35	12.40	7.44
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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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

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

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

DAILY WEATHER REPORT

for 8 a.m. on *Thursday, 23rd April, 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 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 ...	29.50	23	N	0	0	29.63	+0.31	31	30	+1	SSW	2	c	*	-	34	23	*	-				
	Hernösand ...	29.60	31	N	0	0	29.71	+0.30	34	33	+1	Z	0	o	*	-	37	30	*	-				
	Stockholm ...	29.55	36	N	0	0	29.69	+0.25	36	34	-3	E	2	c	*	-	41	30	*	0.04				
	Wisby ...	29.54	36	S	2	0	29.67	+0.22	35	35	-3	Z	0	f	*	-	45	30	*	-				
	Karlstad ...	29.55	35	N	2	0	29.71	+0.29	32	32	-4	Z	0	f	*	-	*	*	*	-				
	Færder (X'ania Fjord) ...	29.50	38	SW	1	0	29.65	+0.25	37	36	+2	NE	2	m	1	-	39	34	*	-				
	Bodö ...	29.47	35	SW	4	0	29.57	+0.18	36	33	+4	E	2	0	1	-	36	32	*	0.04				
	Christiansund ...	29.50	35	WSW	4	0	29.61	+0.18	36	33	-1	WSW	3	c	4	-	37	34	*	0.16				
	Skudesnaes ...	29.54	39	NNW	4	0	29.63	+0.21	38	36	+1	NE	2	0	1	-	43	34	*	-				
	Sumburgh Head ...	29.51	37	W	3	0	29.63	+0.08	40	37	+2	NNE	1	o	4	o,r	41	34	*	0.26				
BRITISH ISLANDS.	Stornoway ...	29.50	41	WSW	3	0	29.54	-0.12	40	39	+5	SE	3	o	3	o,r,p,r	46	34	3.8	0.02				
	Malin Head ...	29.57	43	NW	2	0	29.43	-0.26	41	39	+1	S	4	0	3	0	47	35	*	-				
	Blacksod Pt. ...	29.62	45	WSW	4	0	29.51	-0.23	43	42	+2	NNW	6	o,r,m	5	0	47	39	*	0.15				
	Valencia ...	29.68	46	NW	4	0	29.60	-0.11	42	39	0	NNE	5	0	4	c,cv	48	40	9.6	0.06				
	Roche's Point ...	29.64	47	N	4	0	29.53	-0.14	42	41	0	NNW	5	0	3	0	48	38	*	0.10				
	Parsonstown ...	29.63	45	NNW	1	0	29.53	-0.18	42	40	+7	SW	1	0	*	0	48	35	4.4	0.12				
	Donaghadee ...	29.61	44	SE	1	0	29.52	-0.18	41	39	-1	W	1	0	1	0	45	35	*	-				
	Liverpool Obsy. ...	29.60	41	NNW	2	0	29.57	-0.07	40	38	+2	ESE	1	0	1	o,r	45	37	*	0.04				
	Holyhead ...	29.60	42	NNE	2	0	29.54	-0.11	45	42	+5	SE	1	0	1	p,0,c	45	35	*	-				
	Pembroke (St. Ann's) ...	29.58	43	NNE	5	0	29.55	-0.04	43	41	+3	NE	2	0	2	-	48	36	10.9	-				
GERMANY, &c.	Scilly (St. Mary's) ...	29.55	45	N	6	0	29.56	+0.09	45	40	+2	NW	3	0	3	0	47	39	11.6	-				
	Jersey (St. Aubins) ...	29.43	46	NE	5	0	29.52	+0.18	44	39	-1	NNW	3	0	3	o,og	47	41	0.0	-				
	Portland Bill ...	29.48	47	NE	3	0	29.55	+0.08	41	39	+1	NE	2	0	1	0	53	32	*	-				
	Dungeness ...	29.42	44	ENE	6	0	29.44	0.00	42	40	-2	NNE	5	0	3	o,og	47	32	*	0.02				
	Wick ...	29.51	41	SW	3	0	29.60	+0.02	42	40	+2	S	3	0	2	-	45	38	*	-				
	Nairn ...	29.53	42	Z	0	0	29.56	-0.09	38	35	+1	ESE	1	0	1	-	46	30	*	-				
	Aberdeen ...	29.57	40	S	2	0	29.62	-0.01	42	38	+4	SE	3	0	2	o,om	43	33	2.3	-				
	Leith ...	29.57	42	Z	0	0	29.60	-0.05	44	40	0	E	1	0	*	0	45	34	*	-				
	North Shields ...	29.60	41	NE	3	0	29.60	-0.02	41	38	+2	NNE	1	0	3	r,s,p,c	44	33	*	0.02				
	Spurn Head ...	29.58	43	NNE	4	0	29.56	-0.02	45	42	+7	NE	4	0	3	-	46	37	*	-				
FRANCE.	Yarmouth ...	29.51	45	NE	5	0	29.49	-0.02	43	39	0	NE	6	0	5	0	46	38	*	-				
	Loughborough ...	29.55	38	NE	3	0	29.56	+0.02	40	38	0	NNE	2	0	*	0	49	28	*	-				
	Oxford ...	29.55	38	NE	3	0	29.56	+0.02	40	38	0	NNE	2	0	*	0	49	28	*	-				
	London (Brixton) ...	29.47	45	NE	4	0	29.50	0.00	41	37	-1	NE	2	0	*	0	51	34	3.8	-				
	The Scaw (Skagen) ...	29.51	38	Z	0	0	29.60	+0.21	41	39	+3	SE	2	0	0	-	48	37	*	-				
	Fanö ...	29.56	34	NNW	1	0	29.56	+0.08	39	36	+1	NE	2	0	*	-	43	34	*	-				
	Cuxhaven ...	29.58	43	N	3	0	29.48	-0.02	37	36	-5	E	4	0	2	-	45	36	*	-				
	The Helder ...	29.47	42	NE	4	0	29.41	-0.07	41	39	-1	ENE	5	0	4	-	45	41	*	0.04				
	Brussels ...	*	*	*	*	*	29.36	-0.07	36	36	0	NNE	2	0	*	-	42	34	*	0.28				
	Berlin ...	29.51	41	NE	2	0	29.40	-0.12	42	41	+1	NE	1	0	*	-	46	37	*	0.04				
SPAN. PEN.	Frankfurt ...	29.34	48	E	2	0	29.19	-0.24	47	44	+2	N	2	0	*	-	54	45	*	-				
	Munich ...	29.39	50	SE	3	0	29.19	-0.26	54	46	+12	SE	5	0	*	-	57	42	*	-				
	C. Gris Nez ...	29.48	39	ENE	5	0	29.43	-0.01	42	40	0	NE	6	0	6	-	46	39	*	0.12				
	Brest ...	29.48	45	NNE	4	0	29.55	+0.21	44	41	0	NE	3	0	2	-	46	41	*	0.04				
	Lorient ...	29.38	46	NNE	6	0	29.53	+0.27	44	42	-2	N	4	0	3	-	50	35	*	0.24				
	Rochefort ...	29.31	49	N	4	0	29.43	+0.13	45	44	-3	NNW	5	0	*	0	55	41	*	0.12				
	Biarritz ...	29.41	52	W	4	0	29.57	+0.18	51	48	+1	NW	5	0	4	-	55	43	*	0.51				
	Paris ...	29.32	48	NNE	2	0	29.36	+0.05	41	40	-6	N	3	0	*	-	53	39	*	0.16				
	Belfort ...	29.32	44	W	5	0	29.20	-0.21	42	42	0	WSW	2	0	*	-	57	41	*	0.16				
	Lyons ...	29.39	40	NW	1	0	29.38	+0.01	37	37	-10	S	1	0	*	-	52	34	*	2.25				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR *Thursday, 23rd April, 1903.*

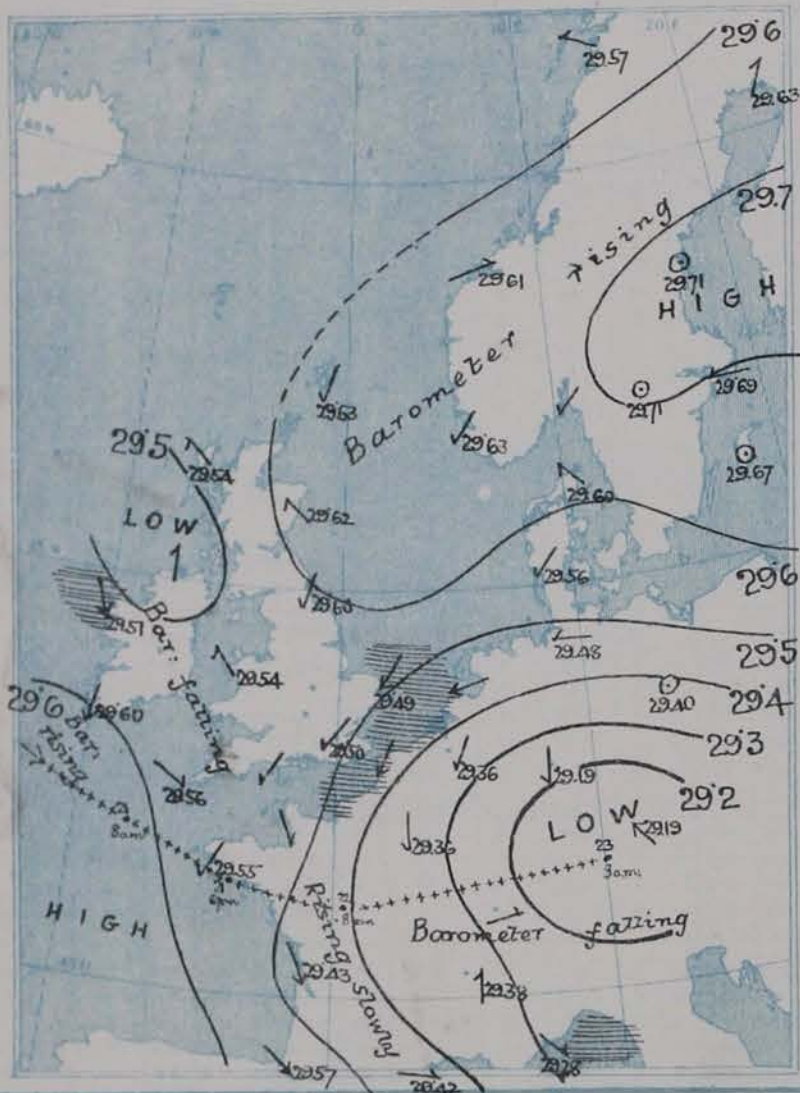
I. BAROMETER, WIND AND SEA. *This Morning.*

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.—Faint High Low



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 APRIL, (1871-1900)



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 cyclonic system noticed yesterday morning off the mouth of the English Channel has moved slowly in an east-southeasterly direction, its central area being at present situated over the northwestern parts of France, where the barometer has fallen below 29.3 inches. In the rear of the disturbance the mercury is rising again on our own western and southern coasts, but in France, Germany and the Netherlands it continues to fall. A decrease of pressure is in progress also in Scotland and Norway, but in Sweden the barometer is rising. The highest readings, 29.7 inches and upwards, are at present reported over western and central Ireland.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is NE^y over Ireland, England and the neighbouring parts of the Continent, and blows strongly at the English Channel stations; in the southwest of France it is light from between W and S. Light to moderate breezes from the NW^{wa} are reported in Scotland, and also on the eastern shores of the North Sea, but in Sweden the wind is rather variable. Temperature has fallen over England, Ireland and the north and west of France, and is again low over western Europe generally. Over the United Kingdom the morning readings are all below 45° and at most of our northern and central stations they are below 40°, the lowest reported being 34° at Newton Reigny (Pernith) and 35° at Stromway and Parsonstown. In Germany and central France the thermometer has risen, but is as a rule very little above 40°. The weather is fine over the greater part of these Islands and the North Sea, but sleet and hail showers are falling at Aberdeen. Over France, Belgium and Germany the sky is very cloudy, with rain in several places. The sea is rather rough in the Channel, but moderate or slight elsewhere.

During yesterday the thermometer rose to 50° and upwards in several isolated parts of the United Kingdom, and to 55° at Valencia; in the north of Scotland, however, it did not reach 45°. The amount of bright sunshine was small generally, but rather large on our southeast coasts. Snow showers fell in the north of Great Britain, and rain over the Channel, France and western Germany, as much as 0.9 in. at Frankfurt and 0.7 in. at Rochefort. Frost was again experienced last night over all our northern and inland districts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic system over France is likely to pass away in a southeasterly direction, and the strong NE^y winds in the Channel will gradually subside. A fresh disturbance is apparently advancing towards Scotland from the NW^{wa} and snow is again probable in that country, extending later to the north and east of England. Temperature is likely to continue low generally.

FORECASTS*

For the 24 hours ending at NOON on 23rd April.

1903

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	NW ^y to N ^y winds, moderate or fresh; cold, changeable, some snow or sleet showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	N ^y to NW ^y winds, moderate; fair at first, sleet or snow showers later.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	NE ^y to N ^y winds, moderate; fair, cold, frost at night.
5	ENGLAND SOUTH	



DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	NW ^y winds, moderate or fresh; cloudy, some snow showers.
7	ENGLAND N.W.	Same as Nos. 2 and 3.
8	ENGLAND S.W.	NE ^y winds, strong to moderate; fair, cold.
9	IRELAND NORTH	Same as No. 6.
10	IRELAND SOUTH.	NE ^y to N ^y winds, light; fair, cold.

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	*	*	*	*	*	*	*	*	*	*	7	*	0	43	35	0.0	-
Newton Reigny (Penrith)	29.62	40	N 1	C	29.65	-.07	34	33	- 3	N 0	7	*	C	54	32	5.5	-
Bath	29.51	46	NE 5	7	29.52	-.02	40	36	- 5	E 3	7	*	-	51	34	3.2	-

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	36	0 m, 0, 7	0.0	-	Eastbourne	*	*	*	6.1	*
Rhyl	*	*	*	0.0	*	Hastings	*	*	*	7.7	*
Llandudno	*	*	*	0.7	*	Lowestoft, to 6 p.m. ...	46	38	0, 0, C	3.2	-
Aberystwyth, to 6 p.m. ...	49	44	7, 0	5.0	-	Harrogate, to 6 p.m. ...	51	36	7, 0, C	3.0	-
Plymouth, to 9 p.m....	52	43	7, 0, d	0.8	-	Manchester, to 9 p.m. ...	45	38	0, 9, 7	0.0	-
Worthing	*	*	*	4.5	*	Darwen, to 9 p.m. ...	43	33	0, 0 m, 7 m	0.0	-
Brighton	*	*	*	3.8	*	Birmingham, to 9 p.m. ...	47	37	0	0.0	-

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

STATIONS. 21 st April 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht... ..	48	36	m, m	Ins.	Tunis	73	54	c, f	Ins.
Madrid	68	46	o, o	—	Algiers	66	55	o, o	—
Vienna	45	30	o, b	?	Madeira (Funchal)	Not rec ^d			
St. Petersburg	45	36	r, b	—					
Trieste	52	43	b, bc	—	20 th April 1903.				
Florence	58	40	c, o	—	1 p.m.		1 p.m.	Measured 7 a.m.	
Rome	56	37	c, o	—					
Corsica (I. Sanguinaires) ...	59	43	m, m	—	Lugano	55	—	b	—
Naples	54	43	b, o	—	Davos	27	—	b	o.16.
Palermo	62	45	b, o	—	Lucerne	46	—	b	—
Malta	63	56	o	—	Lausanne	46	—	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 Times.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. ‡ (W.E.T.)	6 p.m. ‡
Holland	8 a.m. (")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores (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.

22 nd April 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.43	11.52	7.0
Greenwich	4.53	11.59	7.5
Wick	4.45	12.11	7.36
Valencia	5.33	12.40	7.46

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 *Friday, 24th April, 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 ...	29.85	31	S	2	3	29.96	+0.33	29	29	-2	S	2	f	*	-	34	21	*	-			
	Hernösand ...	29.90	30	Z	0	f	29.96	+0.25	31	31	-3	Z	0	o	*	-	41	30	*	-			
	Stockholm ...	29.87	36	E	2	o	29.69	-0.00	37	36	+1	ENE	8	o	*	-	45	30	*	0.16			
	Wisby ...	29.69	39	S	6	o	29.57	-1.10	45	42	+10	SE	2	o	*	-	45	28	*	-			
	Karlstad ...	29.81	40	E	2	o	29.69	-0.02	33	33	+1	NE	4	S	*	0.8	*	*	0.12				
	Færder (X'ania Fjord) ...	29.78	43	ENE	2	o	29.68	+0.03	37	35	0	NNE	5	r	2	-	43	36	*	-			
	Bodö ...	29.71	36	E	2	bc	29.77	+0.20	39	39	+3	S	4	o	2	-	41	36	*	-			
	Christiansund ...	29.80	39	SW	3	o	29.88	+0.27	36	34	0	S	2	o	3	-	41	36	*	-			
BRITISH ISLANDS.	Skudesnaes ...	29.76	42	Z	0	3	29.71	+0.08	41	35	+3	NNE	2	3	1	6	46	36	*	-			
	Sumburgh Head ...	29.76	41	NE	2	c	29.82	+0.19	42	38	+2	NE	1	bc	4	c	47	35	*	-			
	Stornoway ...	29.71	48	SE	2	3	29.79	+0.25	36	34	-4	Z	0	3	0	3	51	35	10.3	-			
	Malin Head ...	29.69	46	E	5	3	29.82	+0.39	43	40	+2	S	1	bc	1	bc, 3	48	37	*	-			
	Blacksod Pt. ...	29.68	48	NE	4	3	29.83	+0.32	47	45	+4	SSW	3	bc	3	cp, bc, w	48	37	*	0.01			
	Valencia ...	29.66	45	N	5	cp	29.87	+0.27	44	42	+2	Z	0	bc	3	cp, cp	49	33	8.2	0.03			
	Roche's Point ...	29.61	47	N	3	cp	29.86	+0.33	43	41	+1	NNW	3	3	2	cp, cp	50	35	*	0.02			
	Parsonstown ...	29.62	48	E	1	bc	29.87	+0.34	36	32	-6	W	1	3	*	bc, bc	50	28	8.1	0.02			
GERMANY, &c.	Donaghadee ...	29.67	48	ENE	2	3	29.83	+0.31	41	40	0	WSW	2	3	2	-	49	32	*	-			
	Liverpool Obsy. ...	29.65	42	NE	1	r	29.80	+0.23	41	38	+1	N	2	3	2	om, p	47	34	*	0.03			
	Holyhead ...	29.64	45	NNE	2	c	29.82	+0.28	44	41	-1	NNE	2	3	1	c	47	38	*	-			
	Pembroke (St. Ann's) ...	29.63	43	E	2	o	29.80	+0.25	43	41	0	NE	1	cm	1	o, om	49	36	6.9	-			
	Scilly (St. Mary's) ...	29.54	47	NNW	4	cp	29.76	+0.20	46	43	+1	NNE	4	bc	2	r, cp	51	40	8.2	0.09			
	Jersey (St. Aubins) ...	29.58	46	NNW	3	3	29.72	+0.20	43	38	-1	N	4	c	3	bc, 3	49	41	10.5	-			
	Portland Bill ...	29.57	46	NE	1	c	29.74	+0.19	40	38	-1	N	3	3	2	c	50	36	*	-			
	Dungeness ...	29.49	43	NNE	4	og	29.55	+0.11	41	38	-1	N	4	3	2	o, og	48	37	*	0.01			
FRANCE.	Wick ...	29.76	45	S	2	bc	29.80	+0.20	38	36	-4	Z	0	3	1	-	49	28	*	-			
	Nairn ...	29.72	44	E	2	c	29.81	+0.25	38	35	0	SW	1	3	1	-	49	25	*	0.01			
	Aberdeen ...	29.75	42	ENE	3	bc	29.81	+0.19	42	37	0	N	3	bc	2	3, bc, p	47	33	10.8	0.01			
	Leith ...	29.72	42	NE	2	3	29.82	+0.22	46	41	+2	NW	1	3	*	-	49	31	*	-			
	North Shields ...	29.69	42	NNE	3	c	29.75	+0.15	42	38	+1	N	2	c	3	cp	46	35	*	-			
	Spurn Head ...	29.61	43	NE	4	bc	29.62	+0.06	43	41	-2	N	6	bc	4	r, bc	50	38	*	0.02			
	Yarmouth ...	29.51	44	NE	6	og, p	29.51	+0.02	43	39	0	N	6	cp	6	bc, og, p	46	38	*	0.01			
	Loughborough ...	29.63	39	NE	2	3	29.72	+0.16	40	37	0	NNW	4	3	*	cp, 3	48	32	*	-			
SPAN. PEN.	Oxford ...	29.54	46	NE	3	om	29.64	+0.14	39	36	-2	N	4	o	*	bc, om, 3	50	35	4.6	-			
	London (Brixton) ...	29.54	46	NE	3	om	29.64	+0.14	39	36	-2	N	4	o	*	bc, om, 3	50	35	4.6	-			
	The Scaw (Skagen) ...	29.65	41	E	5	o	29.51	-0.09	38	38	-3	ENE	7	r	2	-	46	37	*	0.08			
	Fanö ...	29.48	37	NNE	4	r	29.28	-0.28	40	39	+1	NNE	4	o	*	-	48	36	*	0.32			
	Cuxhaven ...	29.35	42	E	4	o	29.18	-0.30	42	41	+5	ENE	2	r	*	o, r	43	37	*	0.43			
	The Helder ...	29.39	40	NE	6	r	29.25	-0.16	40	40	-1	NNE	7	r	6	-	43	39	*	0.87			
	Brussels ...	29.39	40	NE	6	r	29.41	+0.05	37	37	+1	NW	3	r	*	-	38	35	*	0.59			
	Berlin ...	29.22	60	SE	2	c	29.29	-0.11	49	47	+7	SW	3	o	*	-	64	42	*	0.12			
SPAN. PEN.	Frankfurt ...	29.27	48	W	2	r	29.39	+0.20	40	38	-7	SW	2	o	*	-	55	39	*	2.36			
	Munich ...	29.35	46	SW	7	o	29.51	+0.32	39	38	-15	W	4	r	*	-	54	37	*	0.35			
	C. Gris Nez ...	29.52	41	NNE	5	o	29.55	+0.12	40	39	-2	NNW	5	o	5	-	45	37	*	0.12			
	Brest ...	29.58	44	NW	1	r	29.73	+0.18	41	39	-3	NNE	3	o	2	-	54	36	*	0.32			
	Lorient ...	29.58	46	W	3	o	29.69	+0.16	40	37	-4	NNE	4	c	2	-	52	39	*	-			
	Rochefort ...	29.61	49	NW	4	o	29.62	+0.19	44	43	-1	E	1	m	*	o	50	41	*	-			
	Biarritz ...	29.75	46	NW	5	o	29.69	+0.12	46	45	-5	SW	6	r, h	5	-	52	36	*	0.87			
	Paris ...	29.47	43	NNW	3	o	29.61	+0.25	41	39	0	NW	2	o	*	-	44	38	*	-			
SPAN. PEN.	Belfort ...	29.38	39	SW	5	r	29.52	+0.32	37	36	-5	WSW	5	r	*	-	44	34	*	0.24			
	Lyons ...	29.49	46	E	4	3	29.64	+0.26	41	39	+4	W	1	o	*	-	48	37	*	0.47			
	Nice ...	29.31	49	WSW	5	3	29.45	+0.17	51	43	+4	W	1	3	4	-	63	41	*	-			
	Perpignan ...	29.60	52	NW	3	3	29.67	+0.25	47	42	-1	Z	0	3	*	-	60	39	*	-			
SPAN. PEN.	Corunna ...	29.80	53	NNW	1	o	29.98	+0.07	54	50	-1	NNW	3	bc	*	-	59	48	*	0.04			
	Lisbon † ...	30.00	58	NNE	3	bc	30.34	+0.01	59	56	+1	Z	0	3	2	-	66	54	*	-			
	Azores (P. Delgada) ...	30.38	57	Z	0	3	30.38	-0.01	57	53	0	NNW	3	c	1	-	64	52	*	-			

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR

FRIDAY, 24th APRIL, 1903.

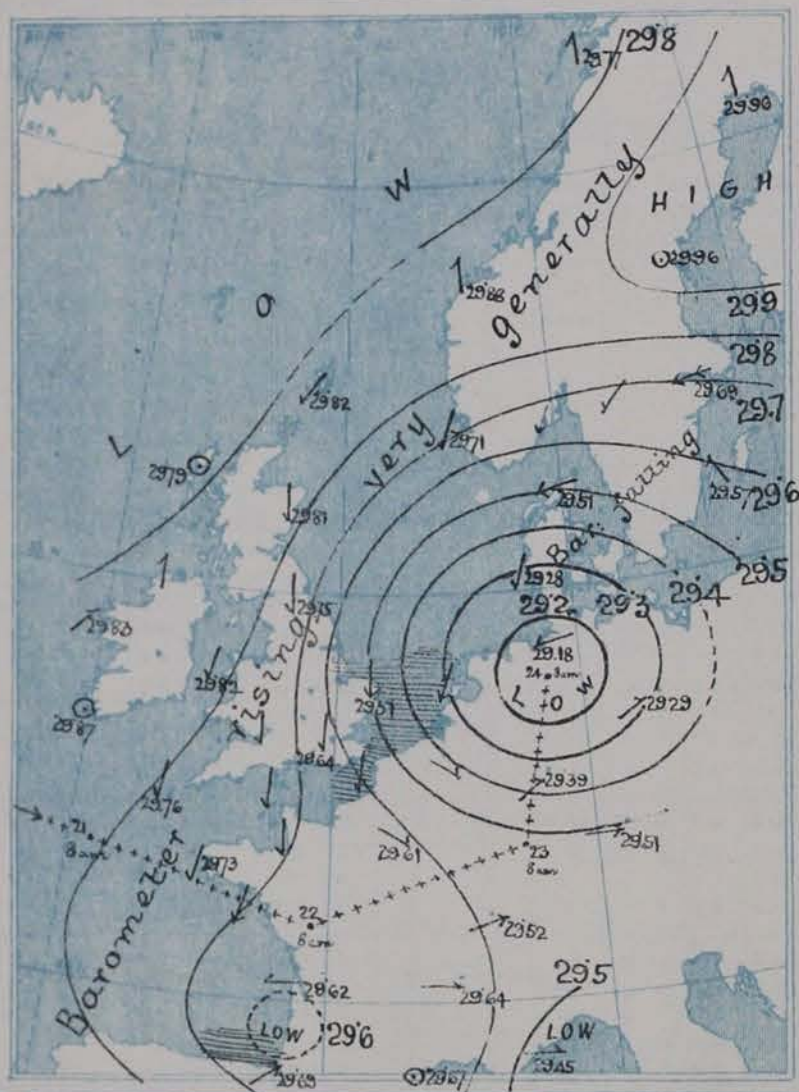
I. BAROMETER, WIND AND SEA. *This Morning.*

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

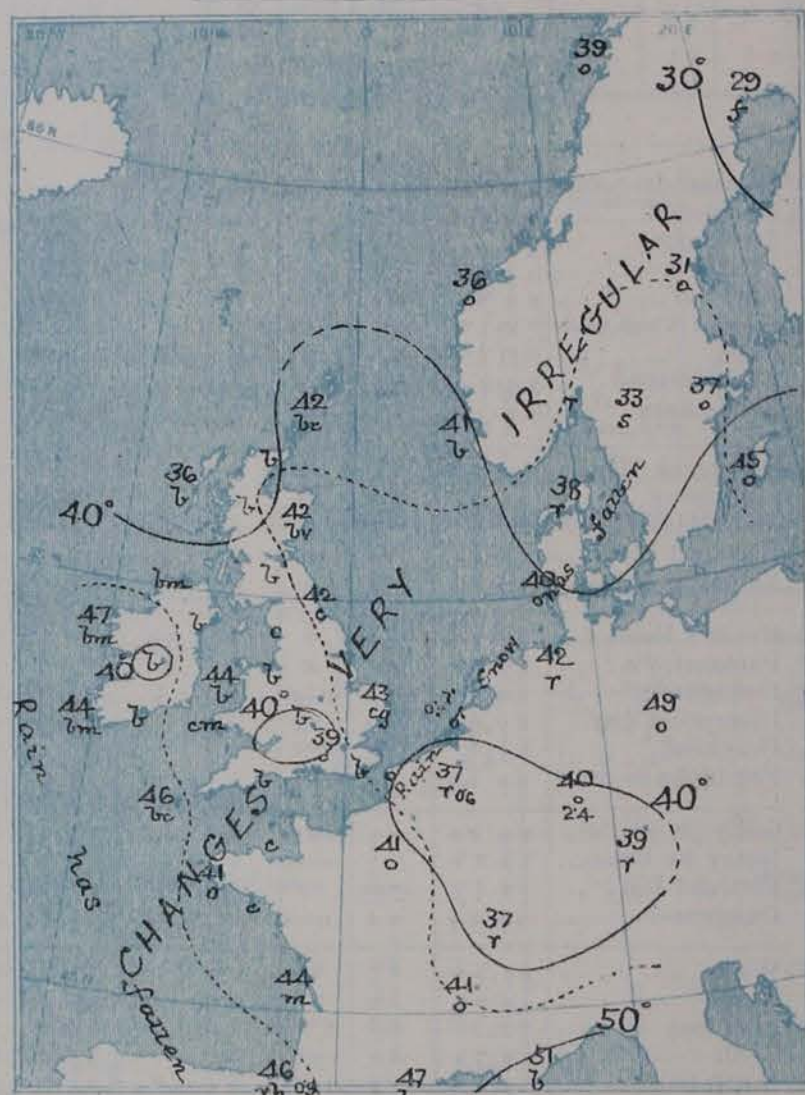


II. TEMPERATURE AND WEATHER. *This Morning.*

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

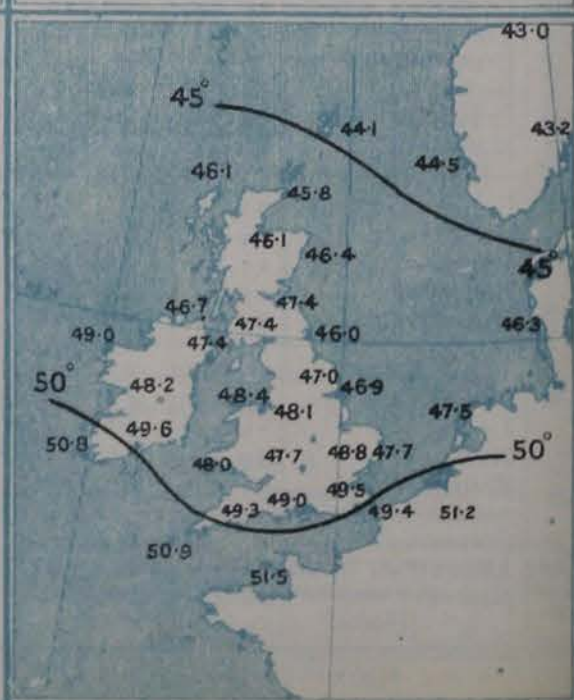
Yesterday morning.



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



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 continues low throughout our area and the distribution of pressure very complex. Two cyclonic disturbances are shown, - one in which the readings are below 29.2 ins. over south Germany, and the other, where the lowest value is about 29.4 ins. off our northwest coasts. There are also two areas of relatively high pressure, - one extending from the Gulf of Bothnia to the east of Scotland, and the other lying to the SW^{ward} of our Islands. In both these regions the barometer is not much above 29.6 ins. In the Azores the reading is as high as 30.39 ins.

WIND

TEMPERATURE

WEATHER

AND

SEA

A complete cyclonic circulation is shown around the German baric minimum, the NE^{ly} winds over the Netherlands, the northeast of France, and our southeast coasts being fresh or strong. Elsewhere the wind is more variable and generally light or moderate in force, but on the west coast of Ireland it blows freshly or strongly from the N^{ward}. Temperature continues much below the normal both over the United Kingdom and in most parts of the Continent, but is comparatively high, locally, at Munich. The readings range from 54° at the station just named and 51° at Biarritz to below 45° over northwestern Europe generally, and to below 40° at Lyons, Brussels, Nain, and over Scandinavia. The weather is dull in most Continental regions, with rain at Cuxhaven, Rochefort, and Lyons, but fair at the majority of our own stations. Passing showers are, however, falling in some Irish localities. The sea is rough at Cape Gris Nez, rather so at Yarmouth, Blacksod Point and Nice, moderate or smooth elsewhere.

The maximum temperatures recorded over our Islands yesterday were nearly all below 50°, and at some of our eastern stations below 45°. Frost was again experienced in many parts of Great Britain during the night. At Oxford the minima in the screen and on the grass were 28° and 21° respectively. Rain has fallen very generally over France; at Lyons and Nice there has been as much as 2.25 ins. Slight falls of rain, sleet, or snow have occurred in the northwest and north of these Islands, but over the Kingdom as a whole the weather yesterday remained dry. Bright sunshine varied greatly, but the amount was rather large in most localities.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in the northwest will probably move S^{ward} and cause some rain during today in the western districts, but in the north and east, the weather is likely to remain fair for the present. There are not indications of any material increase of temperature.

FORECASTS *

For the 24 hours ending at NOON on 24th April.

1903

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	{ SE ^{ly} and E ^{ly} winds, light or moderate; fair generally. Cold.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 4.
3	ENGLAND EAST	Same as No 5.
4	MIDLAND COUNTIES	{ Wind shifting to the SE ^{ward} ; fair today, less settled tomorrow. Cold.
5	ENGLAND SOUTH	{ NE ^{ly} to variable winds; fair and cold today, less settled tomorrow.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos 0 and 1.
7	ENGLAND N.W.	{ Light winds, veering from SE to NW; changeable, some rain. Cold.
8	ENGLAND S.W.	{ NW ^{ly} winds, light or moderate; fair and cold generally, but local showers.
9	IRELAND NORTH	Variable to N ^{ly} or NW ^{ly} winds; cold, showery.
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. Inch.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Inch.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	C	*	3	47	34	10.9	-
Newton Reigny (Penrith)	29.61	40	E 2	0	29.57	- .08	40	38	+ 6	N 0	C	*	C	50	34	4.0	-
Bath	29.51	46	E 4	3	29.56	+ .03	37	34	- 3	NE 1	3	*	-	50	28	8.0	-

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. ...	48	28	0	6.6	-	Eastbourne, to 6 p.m. ...	*	*	*	0.8	*
Rhyl, to 6 p.m. ...	*	*	*	7.8	*	Hastings	*	*	*	0.0	*
Llandudno	*	*	*	11.4	*	Lowestoft, to 6 p.m. ...	46	39	0, 8c, c	10.8	-
Aberystwyth, to 6 p.m. ...	47	41	3, 0	4.0	-	Harrogate, to 6 p.m. ...	45	31	8c, c	5.4	-
Plymouth, to 9 p.m. ...	54	39	8c	9.9	-	Manchester, to 9 p.m. ...	47	32	8c, 0	3.5	0.01
Worthing	*	*	*	10.0	*	Darwen, to 9 p.m. ...	44	26	cm 4, 0m	5.1	-
Brighton, to 6 p.m. ...	*	*	*	7.3	*	Birmingham, to 9 p.m. ...	47	30	0, c, 0	3.0	-

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

STATIONS. 22 nd April 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max. °	Min. °				Max. °	Min. °		
Utrecht	45	34	0, 0	Ins.	Tunis	Not recd			Ins.
Madrid	59	37	0, 0	0.16	Algiers	71	57	c, 0	-
Vienna	55	41	3, 3	-	Madeira (Funchal) ...	68	55	6, c	-
St. Petersburg	48	34	3, 0	-					
Trieste	59	46	0, 0	-	24 th April 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Florence	61	46	8c, 0	-	Lugano	52	—	0	-
Rome	61	47	0, 0	-	Davos	41	—	3	-
Corsica (I. Sanguinaires) ...	57	43	f, m	0.47	Lucerne	57	—	3	-
Naples	60	45	0, 0	0.08	Lausanne	54	—	c	-
Palermo	63	45	8c, 0	0.08					
Malta	58	56	?, 0	0.20					

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.

23 rd April 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.41	11.51	7.1
Greenwich	4.51	11.58	7.6
Wick	4.43	12.10	7.38
Valencia	5.31	12.39	7.48

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, 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, 25th April, 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.	°	Ins.
SCANDINAVIA.	Haparanda ...	30.00	32	S	2	0	30.02	+0.02	35	35	+6	ESE	2	S	*	-	35	23	*	0.04			
	Hernösand ...	29.88	34	E	2	S	29.87	-0.01	33	33	+2	NE	4	f	*	-	27	28	*	0.24			
	Stockholm ...	29.63	41	E	2	C	29.72	+0.09	49	46	+12	ESE	2	0	*	-	49	32	*	-			
	Wisby ...	29.60	49	S	2	0	29.66	+0.06	45	44	0	Z	0	0	*	-	55	37	*	-			
	Karlstad ...	29.60	37	NE	6	T	29.69	+0.09	39	39	+6	NE	2	0	*	-	*	*	*	0.71			
	Færder (X'ania Fjord)	29.58	36	NNE	6	T	29.68	+0.10	38	37	+1	NNE	4	0	2	-	38	34	*	0.95			
	Bodö ...	29.96	35	NE	1	C	29.96	+0.19	39	36	0	ESE	4	0	1	-	43	32	*	-			
	Christiansund ...	29.80	41	SE	2	B	29.68	-0.20	40	37	+4	ESE	2	0	3	-	43	36	*	-			
	Skudesnaes ...	29.60	45	N	2	B	29.64	-0.07	44	41	+3	E	4	0	2	B	52	39	*	*			
	Sumburgh Head	29.75	42	SE	1	B	29.62	-0.20	44	42	+2	ESE	1	B	3	B	45	34	*	-			
BRITISH ISLANDS.	Stornoway ...	29.69	48	SW	4	0	29.54	-0.25	45	43	+9	SSW	3	C	3	C,0	51	36	9.2	-			
	Malin Head ...	29.74	48	W	2	Bc	29.50	-0.32	45	42	+2	SSW	5	C	3	B, Bc	52	40	*	-			
	Blacksod Pt. ...	29.74	49	SSW	4	C	29.44	-0.39	48	47	+1	SSW	7	7pm	6	C	51	46	*	0.03			
	Valencia ...	29.80	49	SSW	3	C	29.52	-0.35	48	47	+4	S	5	7m	4	Bc, C	55	44	9.8	0.12			
	Roche's Point ...	29.81	50	WSW	4	C	29.63	-0.23	49	48	+6	SW	3	0m	5	Bc, C	52	41	*	0.03			
	Parsonstown ...	29.78	53	SW	1	Bc	29.57	-0.30	47	45	+11	S	1	0	*	Bc	55	35	10.3	-			
	Donaghadee ...	29.78	49	S	1	B	29.62	-0.21	45	44	+4	SW	1	B	0	-	51	35	*	-			
	Liverpool Obsy.	29.77	43	NW	3	B	29.69	-0.11	46	41	+5	SSW	1	B	1	Bc, B	48	38	*	-			
	Holyhead ...	29.80	45	WNW	1	Cm	29.67	-0.15	48	47	+4	SW	3	C	2	B, Cm	48	41	*	-			
	Pembroke (St. Ann's)	29.81	46	NW	4	Bc	29.70	-0.10	47	46	+4	SW	4	Bc	2	-	50	31	11.1	-			
GERMANY, &c.	Scilly (St. Mary's)...	29.85	50	NNW	3	Bc	29.73	-0.03	48	45	+2	SW	4	C	1	Bc	52	43	10.1	-			
	Jersey (St. Aubins)...	29.80	48	NW	4	Bm	29.79	+0.07	47	43	+4	WNW	3	B	3	Bc, Bm	50	38	9.8	-			
	Portland Bill ...	29.74	50	NW	4	Bc	29.75	+0.01	45	42	+5	WNW	1	B	1	Bc	52	39	*	-			
	Dungeness ...	29.64	47	N	5	C	29.68	+0.10	42	38	+1	NW	4	Bc	1	C	50	30	*	-			
	Wick ...	29.70	45	S	3	Bc	29.60	-0.20	44	43	+6	S	3	Bc	2	-	47	34	*	-			
	Nairn ...	29.70	50	E	1	B	29.59	-0.22	41	40	+3	E	1	B	1	-	52	28	*	-			
	Aberdeen ...	29.75	42	ENE	4	Bv	29.64	-0.17	43	40	+1	SSE	2	B	2	B, Bv	47	29	11.3	-			
	Leith ...	29.73	45	ENE	1	B	29.63	-0.19	45	41	-1	NE	1	Bcm	*	-	52	30	*	-			
	North Shields ...	29.73	42	N	3	B	29.65	-0.10	43	39	+1	Z	0	Bm	3	P, C, B	46	34	*	-			
	Spurn Head ...	29.64	43	N	6	C	29.62	-0.02	43	40	0	WNW	4	B	3	-	46	36	*	-			
FRANCE.	Yarmouth ...	29.55	44	NNW	6	C	29.56	+0.05	45	40	+2	NNW	6	Cg	6	0, C	45	39	*	-			
	Loughborough ...	29.74	42	NNW	2	C	29.71	-0.01	42	38	+2	WSW	1	B	*	Bc, C	49	30	*	-			
	Oxford ...	29.67	46	NNE	5	Om	29.69	+0.05	41	38	+2	Z	0	Bm	*	C, Om, B	49	32	1.2	-			
	The Scaw (Skagen)	29.46	41	ESE	3	T	29.61	+0.10	43	43	+5	ENE	1	f	0	-	43	37	*	0.51			
	Fanö ...	29.39	41	SE	2	0	29.52	+0.24	42	41	+2	E	4	C	*	-	43	39	*	0.28			
	Cuxhaven ...	29.32	42	SSE	3	0	29.40	+0.22	40	39	-2	SE	4	0	*	-	45	39	*	0.20			
	The Helder ...	29.30	40	N	7	T	29.40	+0.15	41	40	+1	NNW	6	T	5	-	41	39	*	1.18			
	Brussels ...	29.52	48	SE	3	C	29.59	+0.18	38	37	+1	W	3	T	*	-	38	32	*	1.46			
	Berlin ...	29.52	42	SW	2	T	29.58	+0.19	38	36	-2	SW	2	T	*	-	50	37	*	1.58			
	Frankfurt ...	29.64	42	SW	3	B	29.74	+0.23	41	38	+2	W	5	0	*	-	53	37	*	-			
SPAN. PEN.	Munich ...	29.64	42	SW	3	B	29.74	+0.23	41	38	+2	W	5	0	*	-	53	37	*	-			
	C. Gris Nez ...	29.63	44	NNW	5	Bc	29.65	+0.10	40	39	0	NW	4	B	4	-	45	37	*	-			
	Brest ...	29.83	48	N	3	B	29.82	+0.09	47	44	+6	NW	2	C	2	-	52	41	*	-			
	Lorient ...	29.81	50	N	4	Bc	29.84	+0.15	46	45	+6	N	2	Bc	2	-	54	40	*	-			
	Rochefort ...	29.76	50	N	4	C	29.86	+0.24	44	43	0	ENE	2	B	*	C	55	37	*	-			
	Biarritz ...	29.80	49	W	3	0	29.92	+0.23	48	46	+2	Z	0	0	2	-	50	35	*	0.24			
	Paris ...	29.71	43	NW	2	0	29.75	+0.14	43	39	+2	WSW	2	B	*	-	46	38	*	-			
	Belfort ...	29.63	41	WSW	5	0	29.74	+0.22	33	33	-4	WSW	2	S	*	-	48	33	*	0.04			
	Lyons ...	29.73	42	W	1	T	29.84	+0.20	40	38	-1	ESE	1	0	*	-	52	39	*	0.04			
	Nice ...	29.56	53	SW	4	B	29.70	+0.25	49	41	-2	NE	1	B	2	-	59	29	*	-			
Perpignan ...	29.76	46	SE	1	0	29.86	+0.19	48	43	+1	W	1	B	*	-	61	39	*	0.28				
SPAN. PEN.	Corunna ...	29.98	50	NNW	4	B	29.99	+0.01	54	48	0	N	2	0	*	-	59	48	*	-			
	Lisbon ...	29.98	50	NNW	4	B	29.99	+0.01	54	48	0	N	2	0	*	-	59	48	*	-			
Azores (P. Delgada)	30.25	61	SW	4	0	30.10	-0.28	61	61	+4	SW	4	T	1	-	66	57	*	0.71				

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR SATURDAY, 25th APRIL, 1903.

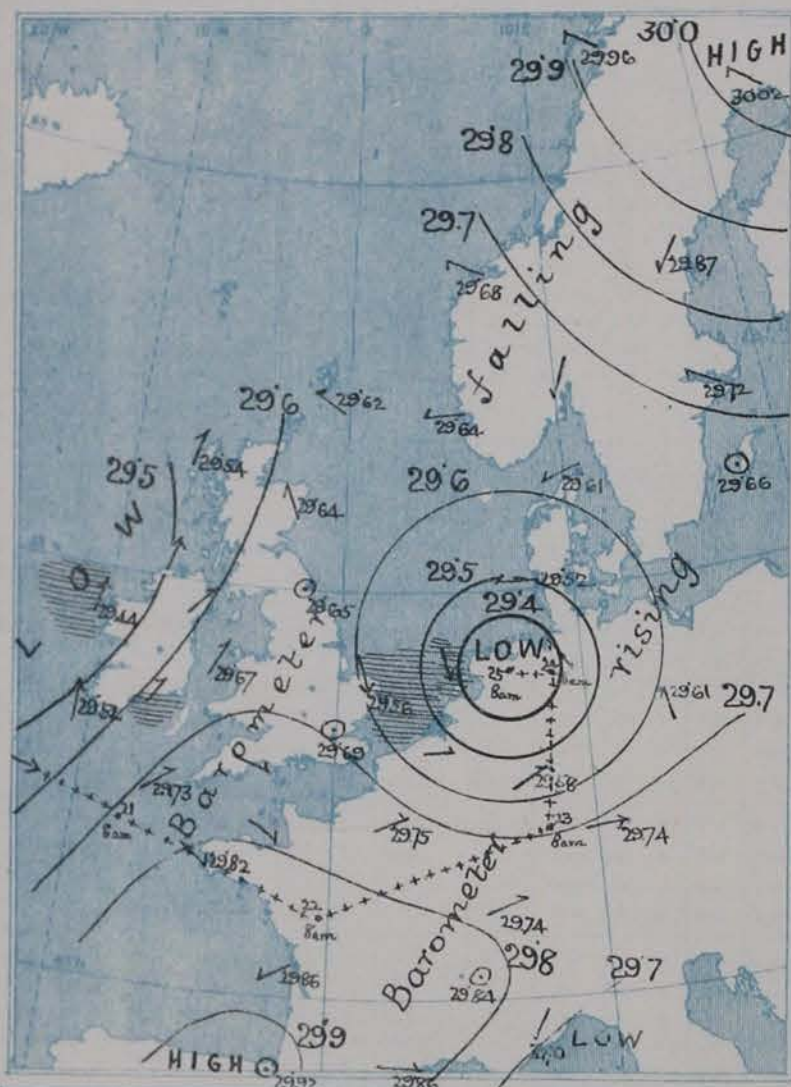
I. BAROMETER, WIND AND SEA. This Morning.

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

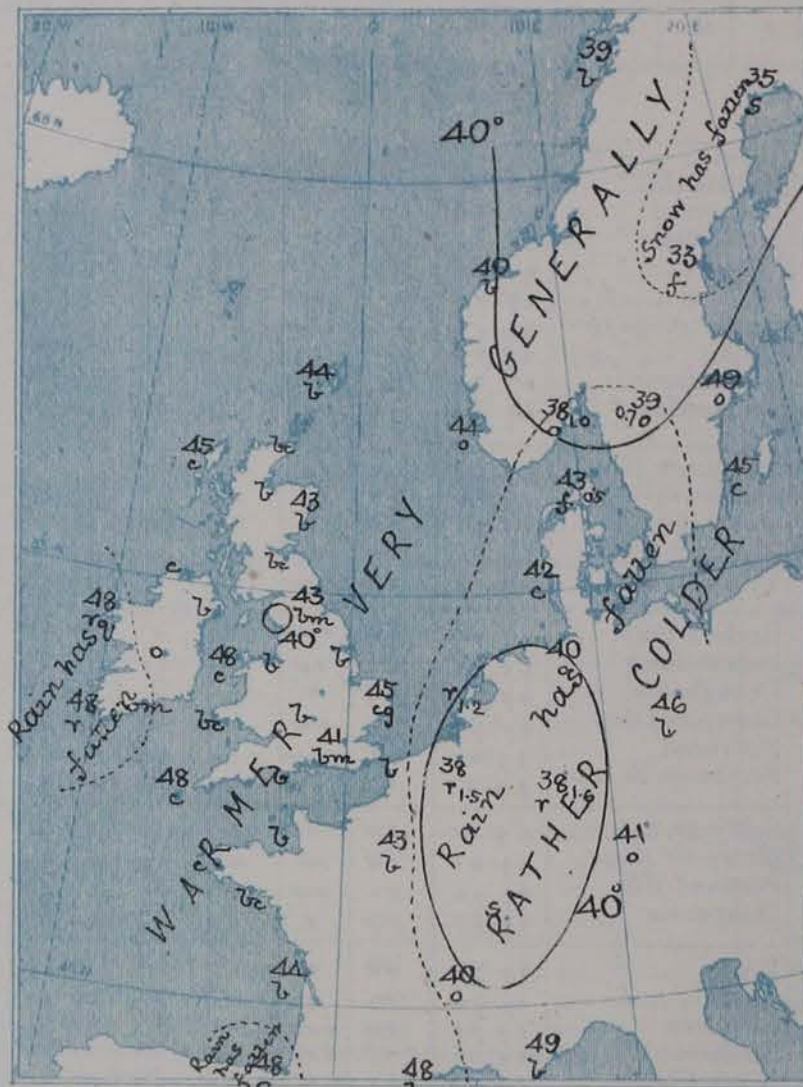


II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

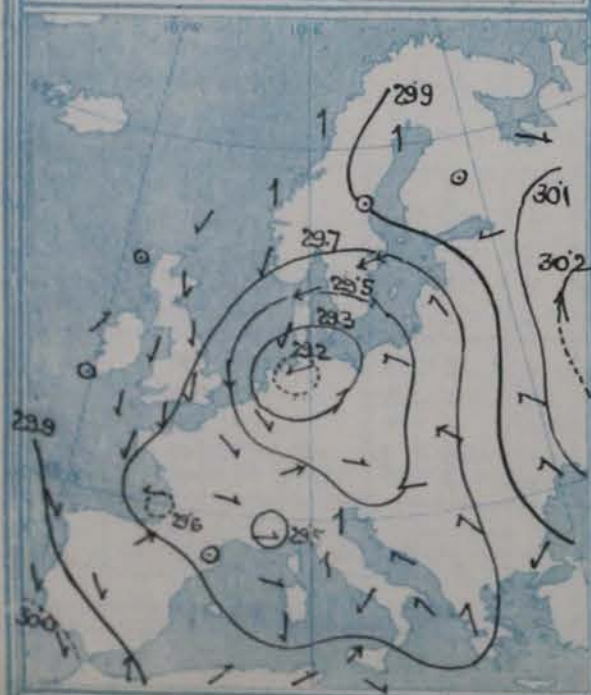
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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 APRIL, (1871-1900)



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 rising over the greater part of Western Europe; and while the highest readings, 29.9 ins and upwards, are reported over the Gulf of Bothnia, a long band, in which pressure exceeds 29.8 ins, stretches thence across Norway, Scotland and Ireland to the Atlantic. The lowest readings, 29.2 ins and less, are found in a well marked cyclonic system with its centre near Bremen; this disturbance is apparently moving northward, and the barometer is consequently falling in Denmark and the south of Sweden. Over the eastern and southern parts of the North Sea the gradients for N^W and NE^W winds are rather steep.

WIND

TEMPERATURE

WEATHER

AND

SEA

Over the greater part of our area the wind circulates round the German low pressure system, being NE^W over Denmark and the south of Scandinavia (with a gale at Stockholm and the Scaur), N^W over Great Britain and the north of France (strong on our east coasts) NW^W or W^W over central France, and SW^W at some of the German stations. In the north of Ireland a light breeze from S or SW is reported. The changes in temperature have been mostly slight and irregular, and the readings continue low over western Europe generally. With a very few local exceptions the thermometer in these Islands is below 45°, and at several of our northern and central stations it is below 40°, the lowest value reported being 36° at Stromway, Parsonstown and Newton Reigny (Penrith). Readings below 40° are reported also at several of the Continental stations, slight frost being prevalent in the north of Sweden. The weather is fine over the greater part of the United Kingdom, and also in the extreme south of France, but is dull over the western parts of the Continent generally, with rain in many places, and snow at Karlstad. The sea is rough off the coasts of Norfolk and Holland, and rather rough at Cape Gris Nez and Biarritz, but slight or smooth elsewhere.

During yesterday the thermometer rose to between 46° and 50° over the United Kingdom generally, and to 51° at Stromway and Sully. Showers fell in many parts of our Islands, and heavy rain at several of the Continental stations, the amounts measured this morning being as large as 2.4 inches at Frankfurt, and 0.9 inch at the Helder and Biarritz.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic system over Germany will probably move slowly northwards, and gradually disperse. On our own extreme north and northwest coasts the baric rise is slackening, and as the wind in the north of Ireland has shifted to S or SW, it is probable that a new disturbance will shortly appear in that region. Over the United Kingdom as a whole no material change in the weather is likely to occur at present.

FORECASTS *

For the 24 hours ending at NOON on 25th April 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Variable breezes, finally SW ^W ; fine at first, some rain or sleet later.	6 { SCOTLAND WEST	Same as No. 0.
1 { SCOTLAND EAST	N ^W to variable breezes; fair generally.	7 { ENGLAND N.W.	Same as No. 1
2 { ENGLAND N.E.	N ^W winds, strong at first, but moderating later; fair generally.	8 { ENGLAND S.W.	N ^W winds, light or moderate; fair generally.
3 { ENGLAND EAST		9 { IRELAND NORTH	S ^W and SW ^W winds, moderate; fine at first, some rain later.
4 { MIDLAND COUNTIES	N ^W winds, moderate or fresh; fair, cold, frost at night.	10 { IRELAND SOUTH	S ^W winds, light; fair generally.
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.	Temp.	Wind.	Weather.	Barometer.	Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun-	Rainfall
	Ins.	°			Ins.	Change.	Dry.	Wet.	Change.				Max.	Min.	shine.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	46	37	3.0	-
Newton Reigny (Penrith) ...	29.71	44	NE 2	c	29.74	+0.22	36	35	- 4	NW 3	0	*	52	32	4.2	-
Bath	29.58	45	E 2	δ	29.74	+0.16	39	36	+ 2	N	δ	*	48	32	5.2	-

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	36	0, 0 p, δ	1.0	0.03	Eastbourne, to 6 p.m.	*	*	*	2.0	*
Rhyl, to 6 p.m.	*	*	*	4.3	*	Hastings	*	*	*	2.2	*
Llandudno	*	*	*	6.0	*	Lowestoft, to 6 p.m.	44	38	0, 0	3.8	-
Aberystwyth, to 6 p.m.	47	43	δ, 0	4.0	-	Harrogate, to 6 p.m.	45	28	δ c, c	6.8	0.01
Plymouth, to 9 p.m.	49	40	0, δ c	2.2	-	Manchester, to 9 p.m.	45	34	δ c, c, δ	2.2	-
Worthing	*	*	*	6.5	*	Darwen, to 9 p.m.	45	33	δ c, 0, δ m	2.9	-
Brighton, to 6 p.m.	*	*	*	4.8	*	Birmingham, to 9 p.m.	47	32	0, c, δ	0.6	-

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

STATIONS. 23 rd April 1908.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	48	36	r, 0	Ins. 0.39	Tunis	72	55	0, f	Ins. 0.04
Madrid	55	39	c, 0	0.04	Algiers	79	50	r, r	0.75
Vienna	64	46	δ, 0	-	Madeira (Funchal)	68	52	δ c, c	-
St. Petersburg	45	34	0, r	0.04	22 nd April 1908.				
Trieste	Not recd.								
Florence	58	53	r, 0	0.32	Lugano	39	—	r	0.28
Rome	60	55	0, r	0.08	Davos	46	—	0	-
Corsica (I. Sanguinaires) ...	57	46	f, f	0.32	Lucerne	59	—	δ c	-
Naples	61	51	0, 0	0.04	Lausanne	57	—	δ c	-
Palermo	67	51	0, 0	-					
Malta	62	58	? , 0	-					

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.

24 th April 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.39	11.51	7.2
Greenwich	4.49	11.58	7.7
Wick	4.41	12.10	7.40
Valencia	5.29	12.39	7.50

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 26th April, .

1903.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.		Weather		BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)		Temp.		Sun- shine. Hours.	Rainfall Ins.
	At 82° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)			At 82° Fabr. 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 ...	30.06	35	N	2	o	30.08	+ .06	34	32	- 1	N	2	o	*	-	37	25	*	0.20
	Hernösand ...	30.01	37	Z	0	o	30.04	+ .17	36	36	+ 3	Z	0	f	*	-	37	32	*	-
	Stockholm ...	29.86	45	NNW	2	o	29.88	+ .16	48	46	- 1	E	2	b	*	-	55	37	*	-
	Wisby ...	29.78	45	S	2	b	29.83	+ .17	46	45	+ 1	Z	0	b	*	-	67	43	*	-
	Karlstad ...	29.82	43	ENE	2	f	29.85	+ .16	44	43	+ 5	E	2	r	*	-	*	*	*	0.04
	Færder (X'ania Fjord) ...	29.79	42	NNE	4	o	29.80	+ .12	43	42	+ 5	E	2	o	1	-	43	37	*	0.08
	Bodö ...	29.92	41	SE	4	b	29.93	- .03	48	41	+ 9	E	4	b	1	-	48	39	*	-
	Christiansund ...	29.78	43	SE	2	b	29.86	+ .18	44	41	+ 4	SE	1	c	1	-	48	39	*	-
	Skudesnaes ...	29.75	47	NNE	2	c	29.78	+ .14	46	43	+ 2	Z	0	r	1	-	52	43	*	*
BRITISH ISLANDS.	Sumburgh Head	29.63	43	ESE	2	b	29.69	+ .07	45	44	+ 1	SE	3	c	4	b	47	41	*	-
	Stornoway ...	29.46	52	WSW	4	o	29.54	.00	45	41	0	SE	4	bc	4	c.o	54	43	7.0	-
	Malin Head ...	29.43	48	S	4	op	29.39	- .11	46	44	+ 1	SE	6	op	4	o.op	49	44	*	0.02
	Blacksod Pt. ...	29.36	51	S	5	rmv	29.31	- .13	49	49	+ 1	WSW	1	omv	2	op.rm	51	47	*	0.48
	Valencia ...	29.39	52	S	3	rm	29.29	- .23	52	50	+ 4	SSE	1	o	3	rm	52	47	0.0	0.45
	Roche's Point ...	29.47	50	SSW	4	m	29.33	- .30	51	50	+ 2	S	1	o	2	a.m.f	51	48	*	0.19
	Parsonstown ...	29.44	50	SSE	1	or	29.34	- .23	50	49	+ 3	SSE	1	or	2	or	52	46	0.0	0.14
	Donaghadee ...	29.53	49	SW	3	ogu	29.47	- .15	45	43	0	SSE	5	bcy	5	-	53	43	*	0.02
	Liverpool Obsy. ...	29.60	50	W	3	o	29.67	- .22	45	42	- 1	SE	3	o	3	-	54	43	*	-
	Holyhead ...	29.58	47	SSW	3	dmv	29.41	- .26	46	45	- 2	E	2	c	1	omv.dmv	52	44	*	0.27
GERMANY, &c.	Pembroke (St. Ann's) ...	29.59	48	SW	4	o	29.36	- .34	49	48	+ 2	SW	4	r	4	c.o.r.f	49	45	2.9	0.68
	Scilly (St. Mary's) ...	29.59	51	S	5	o	29.38	- .35	50	50	+ 2	SSW	4	opm	3	o	54	45	0.5	0.10
	Jersey (St. Aubins) ...	29.74	52	SW	3	omv	29.56	- .23	46	45	- 1	SSE	5	rm	3	eg.om	55	46	5.8	0.26
	Portland Bill ...	29.69	49	WSW	3	c	29.47	- .28	47	47	+ 2	SW	4	r	4	bc.c	52	44	*	0.55
	Dungeness ...	29.64	48	WSW	5	omv	29.59	- .09	44	43	+ 2	SW	4	r	3	o.omv	57	41	*	0.14
	Wick ...	29.57	46	S	3	c	29.63	+ .03	43	41	- 1	S	3	o	2	-	49	39	*	-
	Nairn ...	29.48	56	ESE	1	b	29.60	+ .01	43	40	+ 2	SE	1	bc	1	-	61	33	*	-
	Aberdeen ...	29.62	43	SE	3	b	29.64	.00	44	42	+ 1	ESE	4	o	2	b	50	40	12.5	-
	Leith ...	29.55	50	ENE	1	bc	29.58	- .05	47	43	+ 2	ENE	2	bc	*	-	55	35	*	-
	North Shields ...	29.60	44	ENE	2	c	29.56	- .09	45	43	+ 2	NE	2	c	3	bc.c	50	41	*	-
FRANCE.	Spur Head ...	29.61	45	N	3	c	29.53	- .09	45	44	+ 2	N	2	b	2	-	52	41	*	-
	Yar mouth ...	29.58	47	NW	4	c	29.53	- .03	45	42	0	W	2	c	3	bc.c	52	39	*	-
	Loughborough ...	29.63	49	W	2	o	29.52	- .19	42	41	0	SE	2	r	*	b.o.r	59	41	*	0.30
	Oxford ...	29.61	55	NW	3	omv	29.55	- .14	43	43	+ 2	SW	1	or	*	b.o.or	60	40	6.7	0.26
	London (Brixton) ...	29.61	55	NW	3	omv	29.55	- .14	43	43	+ 2	SW	1	or	*	b.o.or	60	40	6.7	0.26
	The Scaw (Skagen) ...	29.71	44	ENE	3	m	29.75	+ .14	44	43	+ 1	SE	2	m	0	-	46	43	*	0.04
	Fanö ...	29.62	42	ESE	2	b	29.65	+ .13	42	41	0	ESE	4	r	*	-	50	39	*	-
	Cuxhaven ...	29.53	43	SSE	3	c	29.64	+ .24	42	41	+ 2	SSE	3	b	*	-	43	40	*	0.04
	The Helder ...	29.52	43	NW	3	r	29.54	+ .14	43	42	+ 2	WSW	2	r	1	-	45	41	*	0.08
	Brussels ...	29.52	43	NW	3	r	29.54	+ .14	43	42	+ 2	WSW	2	r	1	-	45	41	*	0.08
SPAN. PEN.	Brussels ...	29.52	43	NW	3	r	29.54	+ .14	43	42	+ 2	WSW	2	r	1	-	45	41	*	0.08
	Berlin ...	29.72	47	SW	2	b	29.62	+ .21	42	40	- 4	SW	2	b	*	-	57	36	*	-
	Frankfurt ...	29.75	39	SW	2	o	29.78	+ .20	39	37	+ 1	SW	2	o	*	-	43	36	*	0.79
	Munich ...	29.83	40	SW	5	bc	29.84	+ .10	41	39	0	SW	3	o	*	-	46	36	*	-
	C. Gris Nez ...	29.66	47	WSW	5	b	29.60	- .05	44	44	+ 4	WSW	2	r	3	-	50	40	*	0.68
	Brest ...	29.74	51	SW	3	o	29.52	- .20	50	50	+ 3	SSW	4	r	4	-	55	47	*	0.08
	Lorient ...	29.79	52	SW	3	o	29.60	- .24	50	50	+ 4	SSW	5	r	4	-	59	46	*	-
	Rocheport ...	29.84	53	WSW	3	a	29.73	- .13	46	44	+ 2	S	3	o	*	-	57	43	*	-
	Biarritz ...	29.90	54	N	1	b	29.74	- .18	54	48	+ 6	SSE	3	b	1	-	55	43	*	-
	Paris ...	29.75	53	WNW	2	b	29.71	- .04	44	41	+ 1	S	2	o	*	-	58	41	*	-
SPAN. PEN.	Belfort ...	29.80	41	W	2	o	29.81	+ .07	36	34	+ 3	Z	0	m	*	-	46	32	*	-
	Lyons ...	29.86	47	E	1	bc	29.83	- .01	46	42	+ 6	SE	1	b	*	-	53	34	*	-
	Nice ...	29.74	51	SE	2	b	29.75	+ .05	50	45	+ 1	Z	0	b	2	-	59	41	*	-
	Perpignan ...	29.85	54	N	1	o	29.81	- .05	49	45	+ 1	SW	1	b	*	-	62	39	*	-
SPAN. PEN.	Corunna ...	29.91	55	S	4	r	29.79	- .20	58	52	+ 4	NW	4	c	*	-	59	54	*	0.43
	Lisbon ...	30.15	57	NNW	1	b	30.14	+ .04	58	55	- 2	NW	1	o	2	-	66	55	*	-
	Azores (P. Delgada) ...	30.17	59	Z	0	o	30.13	+ .03	58	58	- 3	SW	4	f	2	-	66	55	*	0.04

NOTE The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

WEATHER CHARTS

FOR SUNDAY, 26th APRIL, 1903.

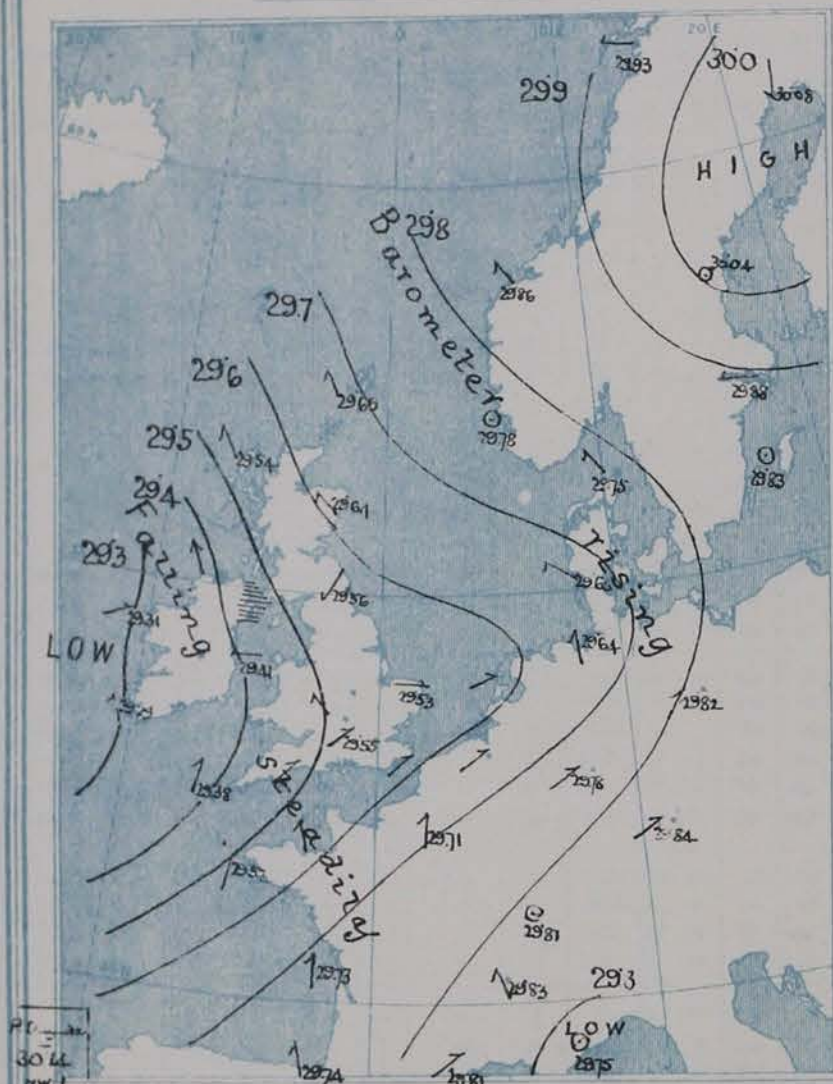
I. BAROMETER, WIND AND SEA. *This Morning.*

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.—Knots High

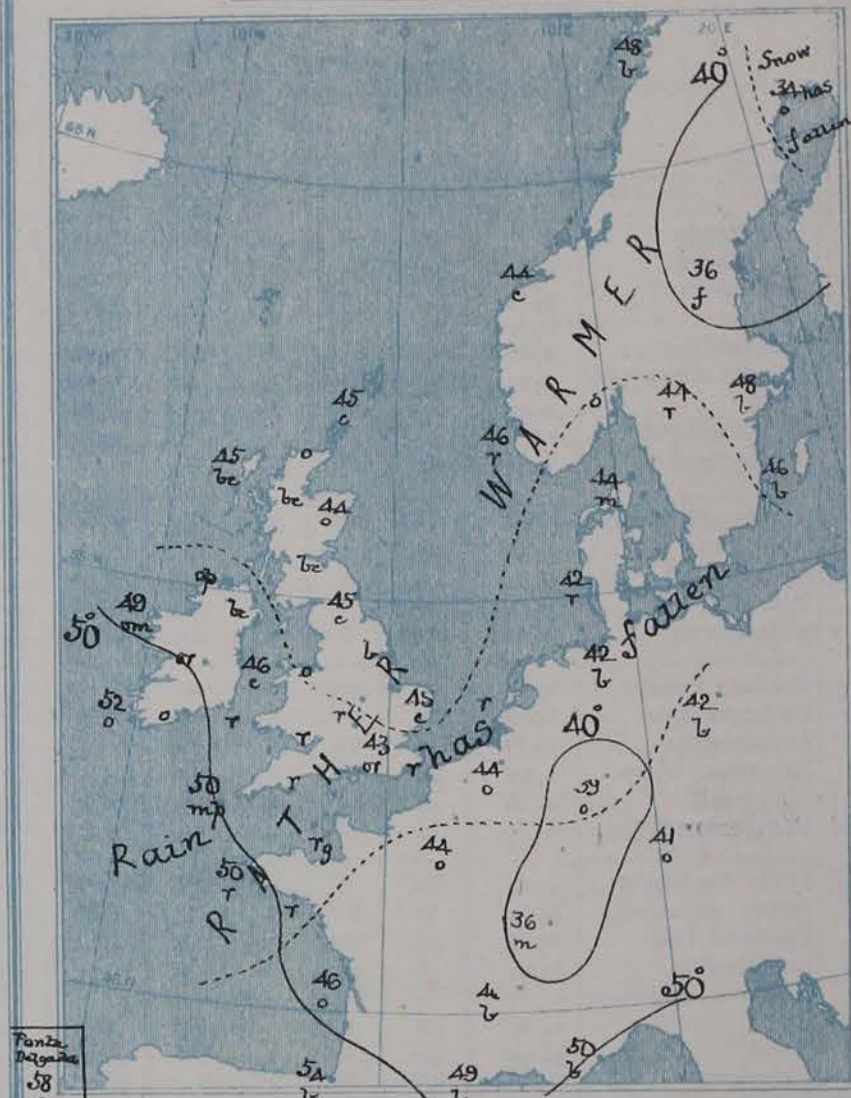


II. TEMPERATURE AND WEATHER. *This Morning.*

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—(P)

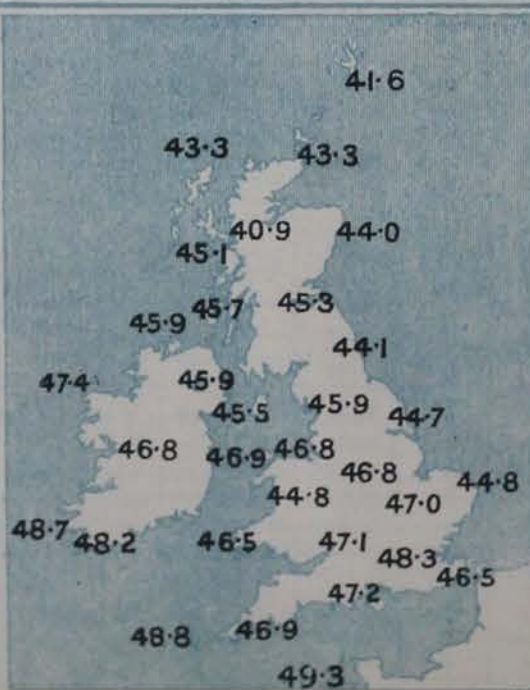


III. BAROMETER AND WIND

Yesterday morning.



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



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 large cyclonic disturbance is now approaching our western coasts, and the barometer is falling over nearly the whole Kingdom, the readings in the west of Ireland being very little above 29.4 ins. The depression noticed yesterday over Germany has moved slightly to the westward, the lowest pressures, 29.4 ins and less, being now reported over the northeast of Holland and the extreme northwest of Germany; the system is, however, dispersing and the barometer is rising at most of the Continental stations. The highest pressures, 30.0 ins. and upwards, are found over Lapland, but the barometer is almost as high over the Spanish peninsula and the southwest of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

The approach of the Atlantic disturbance has been marked by a shift of wind to the S^W or S^Wnd on all our western and northern coasts, with a general rise of temperature, and with rain in the west of Ireland; at our western stations generally the thermometer is now a little above 45°, and is only slightly below the average for the time of year. In most other parts of Western Europe the wind continues to circulate round the German low pressure system, being E^{ly} in Scandinavia and Denmark, NW^{ly} in the east and south of England, the Netherlands and the north of France, and SW^{ly} & S^{ly} in Germany. Over Great Britain and France the weather is fine, and temperature remains at present low, the morning readings being as a rule below 45°, and in some places slightly below 40°. In Sweden, Denmark, Germany, the Netherlands and the east of France, the sky is cloudy, with rain in several isolated places, and with snow at Haparanda and Belfort. The sea continues rough off the coasts of Norfolk and Holland, and is also rough off the west and south of Ireland, but is slight or smooth elsewhere.

During yesterday the thermometer rose to 50° and upwards at many of our western and northern stations, and to 55° at Valencia and Parsonsdown; on our east coasts it scarcely exceeded 45°. Little or no sunshine was recorded in the east and south of England, but in the west the amount was large, - more than 12 hours at Llandudno and Southport. Heavy rain has fallen over Germany and the Netherlands, the amounts measured this morning being as large as 1.6 inch at Frankfurt, 1.5 inch at Brussels and 1.2 inch at the Helder.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic disturbance which is approaching our western coasts is likely to spread eastwards, and to cause a general shift of wind to the S^W in these Islands, and milder weather. In the west the wind will probably increase considerably in force, with rain, the latter extending in the course of tomorrow to most other parts of the Kingdom.

FORECASTS *

For the 24 hours ending at NOON on 26th April

1903

DISTRICTS.



FORECASTS.

0	SCOTLAND NORTH	S ^W winds, increasing in force; fair at first, some rain later.
1	SCOTLAND EAST	S ^W winds, freshening; fair at first, some rain later. Becoming milder.
2	ENGLAND N.E.	
3	ENGLAND EAST	W ^{ly} to S ^W winds, moderate; fine today, less settled tomorrow, probably some rain. Temperature rising decidedly.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as No. 0
7	ENGLAND N.W.	Same as No. 1.
8	ENGLAND S.W.	
9	IRELAND NORTH	S ^W winds, increasing in force; dull, unsettled, some rain. Becoming milder.
10	IRELAND SOUTH	
WARNINGS		At 10 a.m. today to parts of districts 0 and 9. Hoist South Cone.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.				PAST 24 HOURS.			
	Bar.	Temp.	Wind.	Weather.	Barometer.	Temperature			Wind.	Weather.	Sea.	Weather.
	Ins.	°			Ins. Change	Dry.	Wet.	Change				Max. Min.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	8	*	c, 8
Newton Reigny (Penrith) ...	29.77	47	N 2	8c	29.67 - .12	37	35	+ 1	Z 0	8	*	8 46 39 0.7
Bath	29.73	50	NW 3	8	29.72 - .02	45	40	+ 6	W 1	8	*	8 52 34 10.0
												8 53 29 10.6

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.	49	30	8	12.1	-	Eastbourne	*	*	*	0.0	*
Rhyl	*	*	*	11.5	*	Hastings	*	*	*	0.0	*
Llandudno	*	*	*	12.9	*	Lowestoft, to 6 p.m. ...	44	39	0	0.0	-
Aberystwyth, to 6 p.m. ...	47	42	8c	9.0	-	Harrogate, to 6 p.m. ...	48	33	8c	8.0	0.01
Plymouth, to 9 p.m.	54	35	8c, 8	11.1	-	Manchester, to 9 p.m. ...	50	34	8c, 8	4.1	-
Worthing	*	*	*	2.6	*	Darwen, to 9 p.m. ...	48	29	8c, 8m	8.1	-
Brighton	*	*	*	0.8	*	Birmingham, to 9 p.m. ...	46	31	c, 8	1.9	-

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

STATIONS. 24 th April 1903.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Utrecht	39	37	r, r	1.10	Tunis	70	48	0, c	Ins.
Madrid	55	37	0, 8c	-	Algiers	64	52	c, c	0.20
Vienna	61	48	r, 0	?	Madeira (Funchal) ...	66	50	c, c	-
St. Petersburg	50	36	f, 0	0.16					
Trieste	59	48	0, 8c	0.47	23 rd April 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Florence	58	47	r, c	0.28	Lugano	46	-	r	2.17
Rome	58	49	0, 0	0.91	Davos	36	-	S	-
Corsica (I. Sanguinaires) ...	64	52	f, m	0.28	Lucerne	46	-	r	-
Naples	57	50	c, 8c	1.02	Lausanne	37	-	r	-
Palermo	66	51	0, 8	0.04					
Malta	61	57	?, c	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.

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.

25 th April 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.37	11.51	7.44
Greenwich	4.47	11.58	7.49
Wick	4.38	12.10	7.42
Valencia	5.27	12.39	7.52

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

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 6 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, 27th April, 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	...	30.06	38	Z	0	c	30.07	-0.01	42	39	+8	Z	0	c	*	-	46	32	*	-
	Hernösand	...	30.03	36	Z	0	b	30.02	-0.02	42	40	+6	Z	0	o	*	-	46	32	*	-
	Stockholm	...	29.93	43	E	2	b	29.86	-0.02	44	43	-4	ENE	4	r	*	-	53	29	*	-
	Wisby	...	29.86	44	NE	2	bc	29.81	-0.02	41	41	-5	Z	0	f	*	-	57	41	*	-
	Karlstad	...	29.89	46	NE	2	bc	29.89	+0.04	43	42	-1	NE	2	r	*	bc, r	*	*	*	0.39
	Færder (X'ania Fjord)	...	29.85	45	ENE	2	o	29.85	+0.05	44	43	+1	ESE	2	o	1	-	46	43	*	-
	Bodö	...	29.98	49	E	2	bc	30.01	+0.08	50	44	+2	E	4	b	1	-	52	45	*	-
	Christiansund	...	29.84	53	SSE	1	b	29.89	+0.03	50	44	+6	S	1	b	1	-	55	43	*	-
	Skudesnaes	...	29.79	49	E	2	b	29.80	+0.02	48	44	+2	Z	0	c	0	-	55	45	*	*
BRITISH ISLANDS.	Sumburgh Head	...	29.71	45	E	3	c	29.68	-0.01	45	44	0	E	4	b	5	c	50	42	*	-
	Stornoway	...	29.54	54	ESE	5	b	29.55	+0.01	45	43	0	SE	4	bc	4	b	56	43	12.9	-
	Malin Head	...	29.41	48	E	5	bc p	29.40	+0.01	43	41	-3	E	4	cm	3	b, bc	50	41	*	-
	Blacksod Pt.	...	29.34	51	ENE	3	cm	29.38	+0.07	47	45	-2	SE	3	om	3	c	53	45	*	0.01
	Valencia	...	29.28	51	WNW	2	om	29.37	+0.08	50	48	-2	WNW	1	om	4	o, op	54	47	0.0	0.11
	Roche's Point	...	29.28	50	S	1	rm	29.36	+0.03	49	47	-2	NW	3	o	1	f, rm	53	47	*	0.09
	Parsonstown	...	29.33	49	E	1	o	29.38	+0.04	43	42	-7	NE	1	c	*	or	53	36	0.0	0.08
	Donaghadee	...	29.44	49	ESE	4	b	29.42	-0.05	43	42	-2	ESE	2	c	2	b	49	42	*	-
Liverpool Obsy.	...	29.38	49	SE	3	b	29.34	-0.13	43	41	-2	Z	0	o	1	b	54	40	*	-	
	Holyhead	...	29.34	51	E	4	bc	29.33	-0.08	44	42	-2	E	3	bc	2	c, bc	52	41	*	-
	Pembroke (St. Ann's)	...	29.29	49	SE	2	r	29.28	-0.08	46	45	-3	NE	2	ogm	4	r, ogm	50	44	0.0	0.47
	Scilly (St. Mary's)	...	29.28	50	W	4	o	29.22	-0.16	50	50	0	NNW	4	m	5	f, o	53	47	0.3	0.19
	Jersey (St. Aubins)	...	29.39	50	SSE	4	om	29.32	-0.24	47	46	+1	SSW	3	om	3	r, og	51	45	0.0	0.36
	Portland Bill	...	29.35	48	SW	4	r	29.28	-0.19	48	48	+1	WSW	2	r	1	r	50	46	*	0.60
	Dungeness	...	29.43	45	S	6	rm	29.34	-0.25	48	48	+4	SSW	4	r	3	r	48	43	*	1.00
	Wick	...	29.64	45	S	3	o	29.57	-0.06	45	44	+2	S	4	cp	3	o	48	40	*	0.01
	Nairn	...	29.57	47	E	3	c	29.52	-0.08	43	41	0	E	3	c	1	-	57	36	*	-
	Aberdeen	...	29.60	43	E	4	o	29.54	-0.10	42	41	-2	E	5	or	3	o	46	41	0.2	0.02
	Leith	...	29.53	45	NE	7	o	29.43	-0.15	43	42	-4	ENE	3	r	*	-	48	39	*	0.09
	North Shields	...	29.59	45	ENE	3	c	29.38	-0.18	44	44	-1	E	3	d	3	-	51	40	*	-
	Spurn Head	...	29.43	45	ESE	4	b	29.34	-0.19	45	45	0	ESE	4	r	3	-	51	43	*	0.21
	Yarmouth	...	29.46	45	S	4	op	29.36	-0.17	45	44	0	SSE	6	or	5	r, op	47	41	*	0.29
	Loughborough	...														*		*	*	*	
	Oxford	...	29.37	44	NE	2	r	29.30	-0.23	47	46	+5	SE	1	r	*	r	47	41	*	0.45
	London (Brixton)	...	29.37	48	SW	1	og	29.29	-0.26	49	48	+6	ESE	1	odm	*	og	48	42	0.0	0.44
	The Scaw (Skagen)	...	29.80	47	Z	0	c	29.81	+0.06	44	43	0	ESE	1	c	0	-	50	41	*	-
	Fanö	...	29.72	41	SE	2	b	29.73	+0.08	44	42	+2	E	2	b	*	b, n	50	39	*	0.04
	Cuxhaven	...	29.69	46	S	2	c	29.70	+0.06	42	40	0	SE	3	b	*	-	48	39	*	0.08
GERMANY, &c.	The Helder	...	29.56	44	S	1	r	29.51	-0.03	45	43	+2	SE	2	m	2	-	48	43	*	0.12
	Brussels	...	*	*	*	*	*	29.47	-0.18	46	44	+2	SE	3	r	*	-	52	42	*	0.12
	Berlin	...														*		57	42	*	-
	Frankfurt	...	29.77	53	SE	2	b	29.73	-0.09	46	43	+4	SE	2	c	*	-	54	39	*	-
	Munich	...	29.71	42	SW	2	o	29.64	-0.14	42	39	+3	E	2	c	*	-	54	39	*	-
		...	29.73	44	SW	4	c	29.69	-0.15	45	42	+4	SW	5	b	*	-	52	34	*	-
	C. Gris Nez	...	29.47	44	S	5	r	29.37	-0.23	46	46	+2	S	3	r	3	-	54	46	*	1.10
	Brest	...	29.37	51	W	4	o	29.34	-0.18	49	48	-1	NW	3	c	4	-	54	45	*	0.12
FRANCE.	Lorient	...	29.41	52	W	4	r	?	?	48	48	-2	WNW	5	o	5	-	64	43	*	0.43
	Rochefort	...	29.55	55	SW	4	o	29.53	-0.20	51	50	+5	SW	5	c	*	o	64	43	*	0.16
	Biarritz	...	29.62	62	WSW	3	o	29.75	+0.01	52	50	-2	WSW	4	o	3	-	68	48	*	0.59
	Paris	...	29.58	48	SW	3	r	29.46	-0.25	49	48	+5	SSW	2	c	*	-	55	44	*	0.08
	Belfort	...	29.64	48	E	2	m	29.59	-0.22	44	40	+8	NE	2	m	*	-	53	36	*	-
	Lyons	...	29.71	52	S	2	o	29.69	-0.14	46	45	0	S	1	r	*	-	57	44	*	0.08
	Nice	...	29.73	50	S	1	c	29.71	-0.04	49	44	-1	E	1	b	2	-	59	41	*	-
	Perpignan	...	29.66	57	NE	3	bc	29.69	-0.12	52	46	+3	NW	3	o	*	-	62	39	*	-
SPAN. PEN.	Corunna	...																			
	Lisbon	...	29.95	55	NNW	4	o	30.03	+0.24	57	51	-1	WNW	4	bc	*	-	63	54	*	-
	Azores (P. Delgada)	...	30.15	62	W	4	m	30.07	-0.07	61	61	+3	SW	4	m	3	-	63	58	*	-
	" (Horta)	...	30.13	62	SW	3	r	30.05	-0.08	60	58	+2	SSW	3	o	1	-	66	58	*	0.22

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR MONDAY, 27th APRIL, 1903.

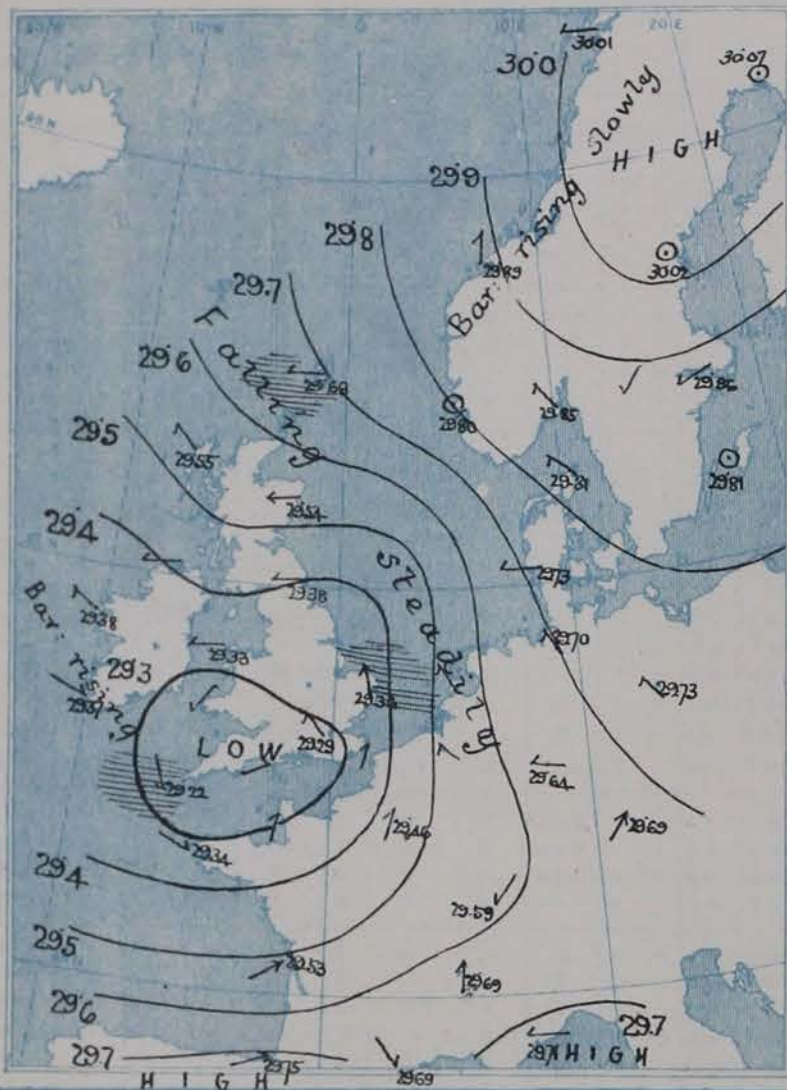
I. BAROMETER, WIND AND SEA. This Morning.

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 APRIL, (1871-1900)



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

Since yesterday morning the barometer has risen over Scandinavia, Germany and the Netherlands, and the disturbance whose centre then lay over the north of Holland has almost disappeared. A low pressure system from the Atlantic has in the meantime caused a fall of the mercury over the west and south of our Islands and the greater part of France. Readings now vary from above 30.0 ins. over the north of Sweden to 29.54 ins. at the Helder, 29.29 ins. at Valencia Island, and to 29.79 ins. at Lisbon. Gradients are moderate to slight.

WIND

The wind is S^W to SW^W over France, Germany, and the southern half of our Islands, but draws into S.E. in Denmark and over our northern districts and into E. in many Scandinavian localities. It blows strongly at Malin Head, but is light or moderate elsewhere.

TEMPERATURE

Temperature is still low for the season except in Ireland. It is below 40° over the north of Sweden, at Frankfurt and Belfast, much below 50° over the major portion of our area; at Lisbon, however, the reading is 58°, and Biarritz 54°, while those in Ireland, Brittany and at Nice are about 50°.

WEATHER

Rain has spread from the westward over all our more southern districts and the north of France and is also falling at the Helder, Fano, Studevennes, and Karlstad. In other regions the weather is dry and in some places cloudless. The sea is moderate to smooth round our coasts as a whole, but rather rough at Donaghadee.

AND

SEA

The maximum temperatures of yesterday were much higher than of late over the inland parts of Great Britain; at Oxford the thermometer touched 59°, in London 60°, and at Paris 61°. At a few of our most northern stations and at Pembroke the highest readings were below 50°. Rain has fallen except in the north and east, and has been heavy in many localities; at Pembroke the fall measured this morning is 0.68 in., at Bath 0.60 in., Portland 0.55 in. and at Oxford 0.30 in. Bright Sunshine was most prevalent in the south, east, and extreme north. In the west and southwest there was very little.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 27TH APRIL, 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

issued
None

WARNINGS

The South Cone is still up in parts of Districts 0 and 9.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.						PAST 24 HOURS.						
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shining. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	B, r	58	41	10.6	0.16
Newton Reigny (Penrith)												*					
Bath	29.66	53	E 2	o	29.45	- 27	45	44	o	SE 2	r	*	-	58	42	10.0	0.60

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F. Max. Min.	Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F. Max. Min.	Weather. (Beaufort.)	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.	54 38	b, c	11.8	-	Eastbourne	*	*	*	*
Rhyl	*	*	*	*	Hastings	*	*	*	*
Llandudno	*	*	8.5	*	Lowestoft, to 6 p.m. ...				
Aberystwyth, to 6 p.m. ...	50 44	b, o	8.0	-	Harrogate, to 6 p.m. ...	55 30	b, c	7.2	-
Plymouth, to 9 p.m.	54 37	b, or	6.5	-	Manchester, to 9 p.m. ...	55 31	b, b, c	4.0	-
Worthing	*	*	6.3	*	Darwen, to 9 p.m. ...	55 33	b, c, m, w	10.1	-
Brighton	*	*	*	*	Birmingham, to 9 p.m. ...	57 34	b, c	7.5	-

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

STATIONS. 25 April 1903.	TEMPERATURE F. Max. Min.	WEATHER.	RAIN.	STATIONS.	TEMPERATURE F. Max. Min.	WEATHER.	RAIN.
Utrecht	41 37	r, r	Ins. 0.87	Tunis	75 46	o, o	Ins. -
Madrid	60 34	o, b	0.43	Algiers	66 54	o, o	0.08
Vienna	55 46	c, o	0.08	Madeira (Funchal) ...	64 50	b, b, c	-
St. Petersburg	64 45	b, b	-				
Trieste	61 48	o, o	-	24 April 1903.	1 p.m.	1 p.m.	Measured 7 a.m.
Florence	59 45	o, c	-	Lugano	48	c	1.06
Rome	61 49	b, b, c	0.08	Davos	36	s	0.79
Corsica (I. Sanguinaires) ...	63 48	f, m	0.12	Lucerne	48	o	0.12
Naples	59 50	c, b, c	-	Lausanne	45	c	0.51
Palermo	71 46	b, b	-				
Malta	63 53	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.					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.	26 April 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	4.35	11.51	7.6
Holland	8 a.m. (")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	4.45	11.58	7.11
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	4.35	12.10	7.45
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	5.25	12.39	7.54
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.

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

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

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

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 28th April, 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 ...	30.06	43	N	0	8	30.11	+0.04	40	37	-2	NE	2	8	*	-	59	36	*	-
	Hernösand ...	30.01	44	N	0	8c	30.03	+0.01	48	43	+6	N	0	0	*	-	55	34	*	-
	Stockholm ...	29.91	45	N	0	0	29.88	+0.02	45	43	+1	E	2	0	*	-	55	39	*	0.04
	Wisby ...	29.84	42	N	0	c	29.88	+0.07	43	42	+2	N	0	f	*	-	57	39	*	0.12
	Karlstad ...	29.88	47	N	0	r	29.89	-0.01	46	43	+3	NE	2	0	*	-	*	*	*	0.16
	Færder (X'ania Fjord) ...	29.86	44	NNE	1	0	29.89	+0.04	44	43	0	NNE	2	m	1	0	45	43	*	-
	Bodö ...	30.04	52	E	2	8	30.05	+0.04	53	46	+3	E	3	7	1	8	55	46	*	-
	Christiansund ...	29.88	54	SSE	1	8	29.82	-0.01	51	45	+1	ESE	4	c	3	8	57	48	*	-
BRITISH ISLANDS.	Skudesnaes ...	29.84	48	N	0	8	29.81	+0.01	48	44	0	E	2	8	1	m, 8	55	41	*	*
	Sumburgh Head ...	29.70	45	E	4	c	29.64	-0.04	46	45	+1	E	5	0	6	8c, c	49	42	*	-
	Stornoway ...	29.46	47	ESE	5	0	29.42	-0.13	46	44	+1	SE	4	0	4	0	51	44	4.9	0.09
	Malin Head ...	29.35	45	E	3	0	29.34	-0.06	44	43	+1	SE	2	0	1	8, 0	48	42	*	0.01
	Blacksod Pt. ...	29.32	49	SSW	3	om, h	29.29	-0.09	48	47	+1	SE	4	cp	3	om, om, h	49	45	*	0.17
	Valencia ...	29.37	50	WSW	3	0	29.31	-0.08	46	45	-4	S	4	c	4	0	52	46	1.1	0.24
	Roche's Point ...	29.37	50	NNW	3	0	29.38	+0.02	49	48	0	SSW	3	op	4	op	53	46	*	0.26
	Parsonstown ...	29.35	50	E	1	0	29.38	-0.01	49	46	+6	SE	1	c	*	op	53	42	2.8	0.09
GERMANY, &c.	Donaghadee ...	29.36	50	NE	2	8c	29.42	-0.06	45	44	+2	SE	3	0	3	-	50	40	*	0.02
	Liverpool Obsy. ...	29.37	45	NNW	1	0	29.48	+0.14	50	47	+7	SSE	1	8c	1	-	51	41	*	-
	Holyhead ...	29.38	46	N	1	c	29.44	+0.11	47	46	+3	S	2	d	1	c	49	42	*	0.03
	Pembroke (St. Ann's) ...	29.42	48	SW	1	0	29.46	+0.18	49	48	+3	SW	5	c	4	o, p	52	45	6.7	0.01
	Scilly (St. Mary's) ...	29.46	51	WSW	4	op, d	29.48	+0.26	51	49	+1	SSW	4	c	5	c, op, d	53	48	4.2	0.09
	Jersey (St. Aubins) ...	29.47	53	WSW	4	c	29.65	+0.33	51	49	+4	SSW	3	0	3	8c, c, p, g	55	47	4.5	0.02
	Portland Bill ...	29.42	49	SW	2	r	29.57	+0.29	50	49	+2	WSW	1	8c	2	c, r	52	47	*	0.11
	Dungeness ...	29.43	51	SW	1	8c	29.62	+0.28	49	48	+1	W	4	c	2	8c	53	45	*	0.19
FRANCE.	Wick ...	29.57	43	SE	5	0	29.48	-0.09	43	42	-2	SE	3	d	4	-	49	42	*	0.12
	Nairn ...	29.46	46	S	3	c	29.43	-0.09	48	46	+5	E	1	8c	1	-	48	41	*	0.02
	Aberdeen ...	29.52	43	ESE	5	0	29.48	-0.06	44	44	+2	SE	3	f	3	om, m, r	48	41	0.0	0.22
	Leith ...	29.39	45	E	2	r	29.44	+0.01	46	45	+3	N	0	om	*	-	46	42	*	0.11
	North Shields ...	29.40	44	SE	4	d	29.47	+0.09	45	45	+1	SSW	1	f	3	r, d, f	48	42	*	0.25
	Spurn Head ...	29.38	44	ESE	4	f	29.51	+0.17	47	46	+2	SW	2	m	2	f, r	47	43	*	0.06
	Yarmouth ...	29.41	49	SSE	5	8c	29.54	+0.18	51	48	+6	SW	1	8m	2	c, 8c, w	51	41	*	0.06
	Loughborough ...	29.44	48	S	2	r	29.57	+0.27	48	46	+1	S	1	0	*	or	55	44	*	0.34
GERMANY, &c.	Oxford ...	29.41	53	SW	4	8c	29.58	+0.29	52	48	+3	S	1	8c	*	om, 8c, r	56	44	2.1	0.07
	London (Brixton) ...	29.41	53	SW	4	8c	29.58	+0.29	52	48	+3	S	1	8c	*	om, 8c, r	56	44	2.1	0.07
	The Scaw (Skagen) ...	29.83	45	NE	1	m	29.84	+0.03	42	42	-2	SE	2	f	0	-	50	41	*	-
	Fanö ...	29.74	46	ESE	4	c	29.74	+0.01	45	43	+1	ESE	2	r	*	-	57	41	*	-
	Cuxhaven ...	29.66	51	ESE	2	0	29.71	+0.01	46	46	+4	SE	2	md	*	-	54	42	*	0.08
	The Helder ...	29.53	48	SE	1	0	29.60	+0.09	49	47	+4	S	1	8c	0	-	50	43	*	0.04
	Brussels ...	29.67	48	SE	1	0	29.67	+0.20	46	45	0	SSW	1	r	*	-	57	42	*	0.08
	Berlin ...	29.72	54	SE	1	c	29.78	+0.05	49	47	+3	SE	2	0	*	-	59	46	*	-
FRANCE.	Frankfurt ...	29.69	49	N	2	0	29.75	+0.11	43	43	+1	E	2	r	*	-	57	42	*	0.20
	Munich ...	29.71	51	SE	3	0	29.84	+0.15	46	45	+1	SW	2	c	*	-	59	45	*	0.04
	C. Gris Nez ...	29.49	52	SSE	1	c	29.60	+0.25	47	47	+1	WSW	3	0	2	-	55	45	*	0.16
	Brest ...	29.57	50	NW	5	f	29.59	+0.25	51	51	+2	SSW	3	0	4	-	52	48	*	0.04
	Lorient ...	29.55	51	NNW	6	r	29.68	+0.11	51	51	+3	S	4	f	5	-	54	48	*	0.04
	Rochefort ...	29.67	53	N	6	0	29.77	+0.24	54	52	+3	S	3	r	*	7, 0	54	43	*	0.35
	Biarritz ...	29.88	55	N	4	c	29.86	+0.11	57	54	+5	S	1	8	4	c	57	50	*	0.04
	Paris ...	29.51	51	S	3	c	29.73	+0.27	51	48	+2	WSW	2	c	*	-	61	44	*	0.08
SPAN. PEN.	Belfort ...	29.65	50	WSW	5	c	29.78	+0.19	46	43	+2	WSW	6	0	*	-	61	39	*	0.04
	Lyons ...	29.73	49	S	1	c	29.88	+0.19	50	44	+4	SW	1	c	*	-	54	46	*	0.08
	Nice ...	29.76	47	NE	3	r	29.86	+0.15	47	45	-2	E	1	c	3	-	61	43	*	0.51
	Perpignan ...	29.81	59	N	3	8	29.93	+0.24	52	47	0	SW	1	0	*	-	65	43	*	-
	Corunna ...																		*	
	Lisbon ...																		*	
	Azores (P. Delgada)																		*	
	(Horta) ...	30.07	57	W	4	8	30.06	+0.01	55	50	-5	W	5	c	3	-	66	52	*	-

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

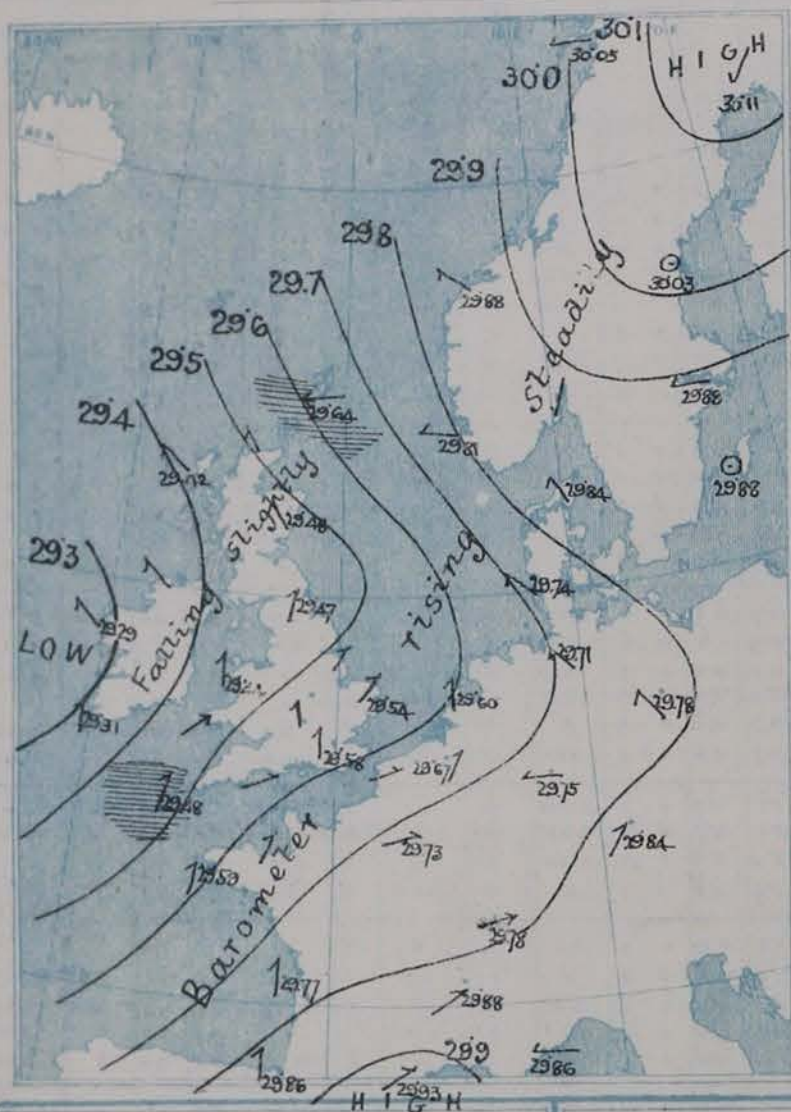
WEATHER CHARTS

FOR TUESDAY, 28TH APRIL, 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 ———

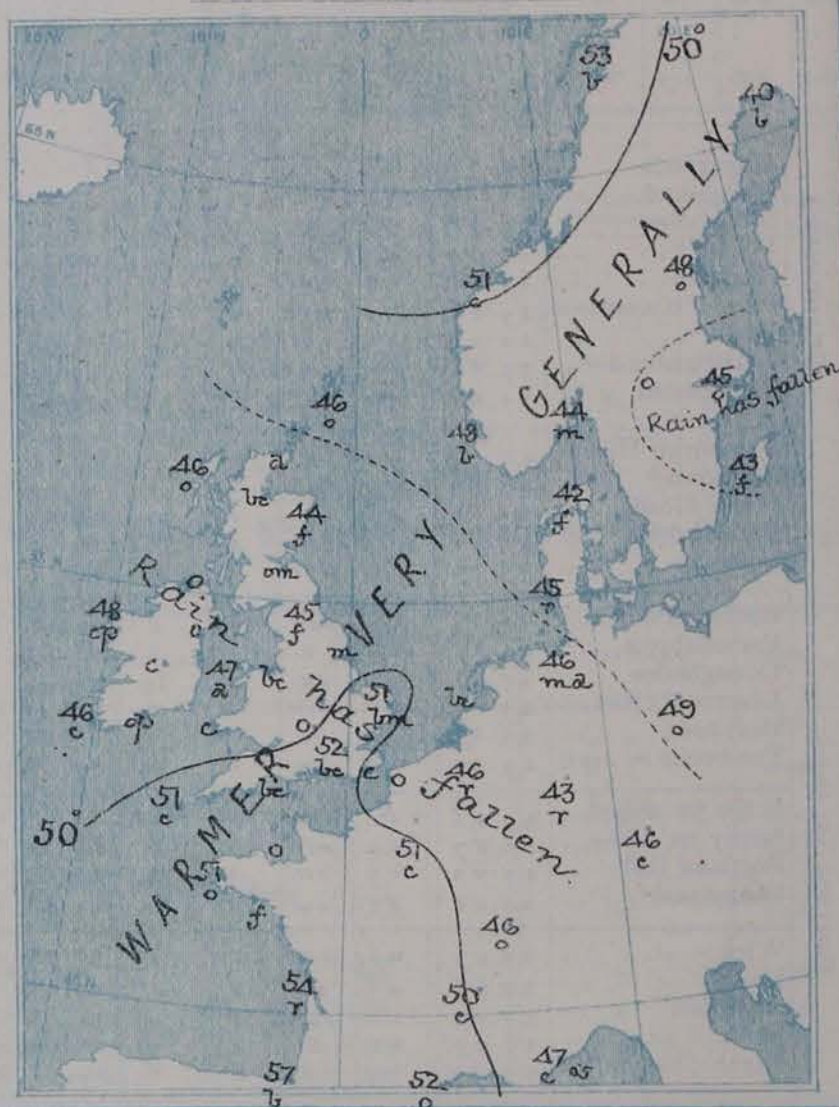


II. TEMPERATURE AND WEATHER. This Morning.

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 APRIL, (1871-1900)



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 large shallow area of low pressure now lies over the whole of the United Kingdom, the Netherlands, and the greater part of France, the central portion of the system being situated over the southern parts of England and Wales where the barometer has fallen below 29.3 inches. Over Western Europe generally the mercury still falls, but in Ireland it is now rising again. The highest pressures, 30.0 inches and upwards, are found in two areas, one lying over Portugal and the other over the northern parts of Scandinavia.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to fresh from the eastward or south-eastward over all the more northern and central parts of our Islands, as well as in Scandinavia, Denmark, North Germany and the Netherlands. On our extreme southwest coasts it is light to moderate from the North-westward, in the west of France from the Westward, and in the north of France and the eastern parts of the Channel from the South-eastward or Southward. Temperature has fallen at most of our own western and northern stations, and also in the south of Sweden, but has risen in nearly all other parts of our area. In the extreme western and southern parts of the United Kingdom the readings differ but little from the normal, but in our northern, eastern and central districts they are still low, the thermometer being below 45° in most places. In the west of Norway the readings are above the average, the highest reported being 50° at Bodø and Christiansund. The weather is cloudy or dull over nearly the whole of the United Kingdom, France and the Netherlands, with rain in many parts of Great Britain, as well as at Cape Gris Nez. Rain is also falling in the south of Sweden, but in Norway, Denmark and Germany the weather is fine. The sea is slight or smooth generally, but rather rough at St. George's Head, Yarmouth and Sully.

During yesterday the thermometer rose to 50° and upwards at most of our own western and northern stations, and to 56° at Skomvåg; but the eastern and central parts of Great Britain it did not rise much above 45°. Heavy rain has fallen in the south of England and the north of France, the largest amounts reported being 1.1 inch at Cape Gris Nez, 1.0 inch at Dungeness and 0.6 inch at Portland Bill.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow cyclonic system over our Islands is likely to remain almost stationary, or to move very slowly northwards. A gradual and partial improvement in the weather is probable in the south of England, but over our more northern districts the conditions are likely to become increasingly unsettled, with heavy rain in places.

FORECASTS *

For the 24 hours ending at NOON on APRIL 28TH 1903

DISTRICTS.

FORECASTS.

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

Easterly winds, freshening;
dull, cool, rainy.

Easterly and southeasterly winds,
moderate; dull, rainy.

Southerly and southwesterly winds,
light; cloudy at first, with
occasional rain, improving
somewhat later.

DISTRICTS.

FORECASTS.

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

Easterly winds, moderate;
cloudy, showery.

Northwesterly winds, fresh; cloudy,
showery.

Same as Nos. 6 and 7.

NW^{ly} to N^{ly} winds, light;
cloudy, some showers.

WARNINGS

NONE ISSUED.

Notes.—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	"	"	"	"	"	"	"	"	"	"	"	"	"	45	41	0.0	0.22
Newton Reigny (Penrith)																	
Bath	29.33	51	NE 1	7	29.27	-.18	49	48	+ 4	NE 1	0	"	"	52	44	0.0	0.87

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	40	oc, o	5.1	-	Eastbourne, to 6 p.m.	*	*	*	0.0	*
Rhyl, to 6 p.m.	*	*	*	3.3	*	Hastings	*	*	*	8.7	*
Llandudno	*	*	*	4.0	*	Lowestoft, to 6 p.m.					
Aberystwyth, to 6 p.m.	53	45	o	0.0	0.60	Harrogate, to 6 p.m.	51	33	c, bc	5.1	-
Plymouth, to 9 p.m.						Manchester, to 9 p.m.	53	41	bc	3.3	-
Worthing	*	*	*	0.0	*	Darwen, to 7 p.m.	52	36	o, bc, om	1.6	-
Brighton, to 6 p.m.	*	*	*	0.0	*	Birmingham, to 9 p.m.	47	40	o	0.0	-

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 I.

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

27 TH APRIL 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.33	11.51	7.8
Greenwich	4.43	11.58	7.13
Wick	4.32	12.10	7.48
Valencia	5.22	12.39	7.56

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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 Wednesday, 29th April, 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.			°	Ins.	°
SCANDINAVIA.	Haparanda ...	30.09	41	N	2	bc	30.09	-0.02	45	41	+5	Z	0	c	*	-	59	34	*	-		
	Hernösand ...	30.02	43	Z	0	o	30.05	+0.02	41	40	-7	Z	0	o	*	-	54	39	*	0.04		
	Stockholm ...	29.91	42	E	2	f	29.95	+0.07	42	41	-3	E	2	f	*	-	54	39	*	0.04		
	Wisby ...	29.95	40	Z	0	f	29.90	+0.02	41	39	-2	Z	0	o	*	-	48	39	*	-		
	Karlstad ...	29.90	51	SW	2	c	29.91	+0.02	49	47	+3	ENE	2	o	*	-	*	*	*	-		
	Færder (X'ania Fjord) ...	29.87	47	NE	2	bc	29.86	-0.03	45	45	+1	NNE	2	m	1	-	48	43	*	-		
	Bodö ...	30.04	51	E	2	c	30.00	-0.05	53	48	0	ENE	4	b	1	-	55	48	*	-		
	Christiansund ...	29.88	54	ESE	1	b	29.84	-0.04	52	45	+1	ESE	2	b	2	-	59	45	*	-		
	Skudesnaes ...	29.80	51	E	4	o	29.75	-0.06	48	45	0	E	2	o	2	m, o	57	46	*	*		
BRITISH ISLANDS.	Sumburgh Head ...	29.64	45	ESE	4	o	29.68	+0.04	45	45	-1	ESE	4	o	6	m, o	47	43	*	0.10		
	Stornoway ...	29.44	53	E	2	o	29.48	+0.06	46	45	0	ESE	1	b	1	o	55	43	5.8	-		
	Malin Head ...	29.35	47	E	3	bc	29.29	-0.05	47	46	+3	ESE	5	om	3	c, p, bc	49	44	*	0.29		
	Blacksod Pt. ...	29.27	54	Z	0	cm	29.19	-0.10	49	48	+1	E	4	m	3	cm	55	47	*	0.04		
	Valencia ...	29.24	54	S	3	c	29.18	-0.13	49	47	+3	SE	1	bc	5	c	57	43	8.0	0.44		
	Roche's Point ...	29.30	48	S	3	r	29.19	-0.19	50	49	+1	W	2	c	2	o, r	53	46	*	0.46		
	Parsonstown ...	29.32	52	SE	1	o	29.17	-0.21	47	45	-2	ESE	1	om	*	op	56	46	2.6	0.20		
	Donaghadee ...	29.43	51	SSE	2	bc	29.29	-0.13	47	47	+2	SE	4	or	3	-	52	43	*	0.25		
	Liverpool Obsy. ...	29.47	53	SE	2	c	29.27	-0.21	48	46	-2	ESE	2	r	?	bc, c, r	57	47	*	0.26		
	Holyhead ...	29.41	53	Z	0	cm	29.23	-0.21	48	48	+1	ESE	1	m	1	c, cm	53	46	*	0.25		
GERMANY, &c.	Pembroke (St. Ann's) ...	29.37	50	SE	4	c	29.25	-0.21	49	47	0	SW	5	og	5	-	54	46	2.8	0.33		
	Scilly (St. Mary's) ...	29.27	52	SSE	5	omp	29.27	-0.21	51	50	0	S	3	c	6	o, omp	55	49	3.6	0.07		
	Jersey (St. Aubins) ...	29.50	52	SSE	3	om	29.45	-0.20	52	50	+2	SSE	3	bc, m	3	og, p, om	56	48	1.2	0.30		
	Portland Bill ...	29.47	49	ESE	3	r	29.38	-0.19	50	49	0	SW	3	c	3	cp, r	54	47	*	0.74		
	Dungeness ...	29.60	50	SSW	2	c	29.41	-0.21	49	48	0	SW	6	c	4	bc, c	53	48	*	0.22		
	Wick ...	29.53	44	SE	3	f	29.54	+0.06	43	43	0	SE	3	f	4	-	45	42	*	0.03		
	Nairn ...	29.44	55	SSE	1	c	29.49	+0.06	45	44	-3	E	1	m	1	-	57	38	*	-		
	Aberdeen ...	29.54	44	SE	2	f	29.54	+0.06	41	41	-3	E	3	f	3	r, f	45	40	0.0	0.06		
	Leith ...	29.48	48	Z	0	o	29.44	-0.04	45	45	-1	NE	2	om	*	-	53	41	*	0.03		
	North Shields ...	29.50	51	ESE	1	cm	29.41	-0.06	45	45	0	E	3	o	3	f, cm, c	55	42	*	-		
FRANCE.	Spurn Head ...	29.54	48	ESE	4	bc	29.33	-0.18	47	46	0	E	5	r	3	-	55	45	*	0.02		
	Yarmouth ...	29.57	52	S	3	bc	29.33	-0.21	47	46	-4	SE	5	c	4	bc	53	44	*	0.16		
	Loughborough ...	29.50	52	ESE	2	o	29.32	-0.25	49	48	+1	SW	2	ou	*	o, r	59	47	*	0.56		
	Oxford ...	29.56	55	S	4	om	29.32	-0.26	49	49	-3	SW	2	og, m	*	op, bc, or	60	48	3.5	0.45		
	London (Brixton) ...	29.84	48	ESE	1	m	29.82	-0.02	48	46	+6	SE	3	c	1	-	50	41	*	-		
	The Scaw (Skagen) ...	29.74	46	ESE	2	o	29.72	-0.02	47	47	+2	ESE	2	o	*	-	50	45	*	0.08		
	Fanö ...	29.72	52	S	1	r	29.70	-0.01	46	45	0	SE	2	b	*	bc, r	54	43	*	0.28		
	Cuxhaven ...	29.65	46	SW	1	o	29.48	-0.12	48	46	-1	ESE	2	o	1	-	54	43	*	-		
	The Helder ...	29.52	52	S	2	c	29.52	-0.15	52	50	+6	S	3	o	*	-	57	45	*	0.16		
	Brussels ...	29.79	56	W	2	c	29.77	-0.01	51	49	+2	W	1	b	*	-	64	45	*	-		
SPAN. PEN.	Berlin ...	29.79	51	SW	2	c	29.71	-0.04	47	45	+4	E	2	o	*	-	57	43	*	0.20		
	Frankfurt ...	29.88	50	W	2	bc	29.76	-0.08	47	44	+1	SE	2	c	*	-	59	37	*	-		
	Munich ...	29.64	51	E	2	c	29.43	-0.17	49	48	+2	SSW	5	o	5	-	59	46	*	0.20		
	C. Gris Nez ...	29.75	51	SSE	4	r	29.38	-0.21	51	50	0	SW	4	bc	4	-	52	48	*	0.39		
	Brest ...	29.42	50	SSE	4	r	29.44	-0.22	50	50	-1	S	5	c	5	-	55	48	*	0.24		
	Lorient ...	29.58	56	SSE	4	o	29.61	-0.16	54	53	0	SW	4	c	*	c, o	66	48	*	0.24		
	Rochefort ...	29.66	61	W	6	r	29.71	-0.15	58	53	+1	S	3	bc	3	-	68	52	*	0.91		
	Biarritz ...	29.67	58	SE	2	o	29.57	-0.16	51	49	0	SW	3	bc	*	-	63	50	*	-		
	Paris ...	29.76	53	W	2	c	29.72	-0.06	45	45	-1	ENE	2	r	*	-	58	49	*	0.20		
	Belfort ...	29.75	58	S	2	o	29.74	-0.14	51	50	+1	NW	1	r	*	-	65	49	*	0.39		
SPAN. PEN.	Lyons ...	29.86	55	Z	0	bc	29.93	+0.07	50	48	+3	E	2	o	4	-	61	46	*	-		
	Nice ...	29.67	67	W	2	o	29.75	-0.18	56	53	+4	S	1	b	*	-	74	46	*	-		
SPAN. PEN.	Perpignan ...																					
	Corunna ...																					
SPAN. PEN.	Lisbon ...																					
	Azores (P. Delgada) ...																					
SPAN. PEN.	" (Horta) ...	30.15	57	W	4	bc	30.02	-0.04	59	55	+4	SW	5	o	3	-	61	55	*	-		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR WEDNESDAY, 29TH APRIL, 1903.

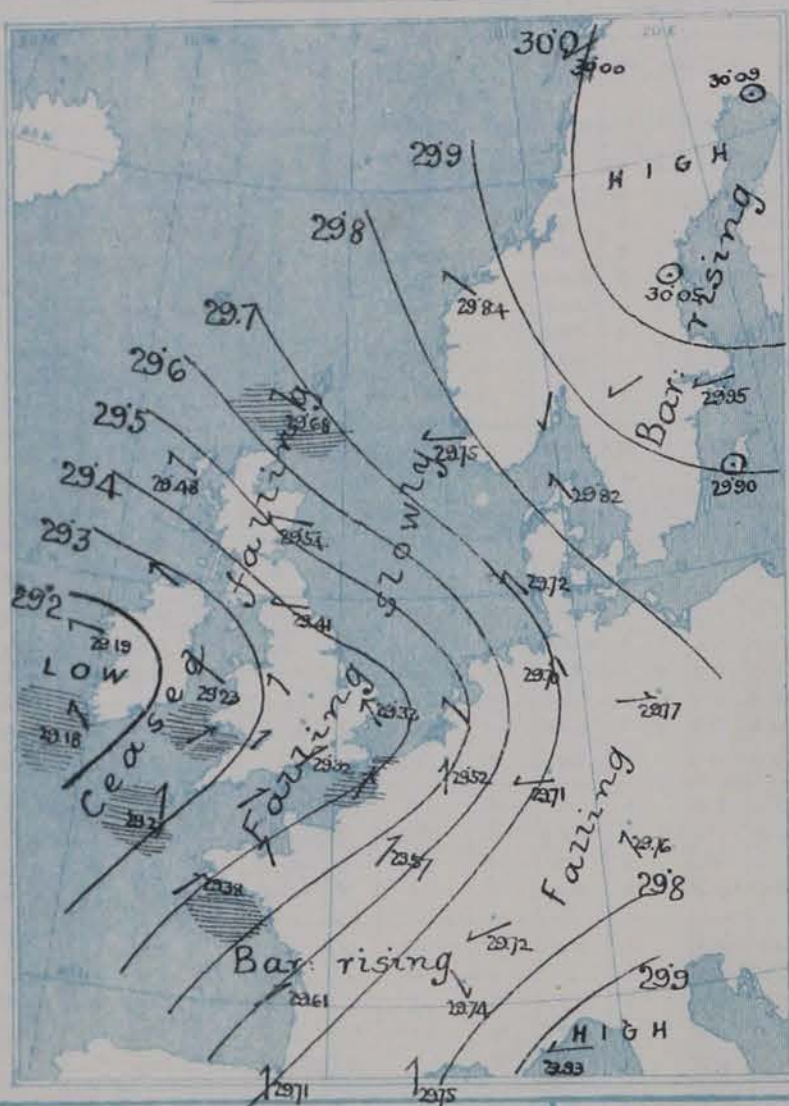
I. BAROMETER, WIND AND SEA. This Morning.

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 30.1 inches and upwards, over Lapland but is somewhat high, 29.9 inches and upwards, over the Spanish Peninsula and the extreme south of France. The shallower cyclonic system noticed over our islands yesterday has apparently dissipated, but a new disturbance, in which readings are below 29.3 inches, has advanced to the west of Ireland and is occasioning a slight fall of the barometer on our north and northwest coasts. In nearly all other parts of our area the mercury is at present rising.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to moderate from the southward or southwardward over England and the south of Ireland and also over France and the Netherlands; in Scotland and the north of Ireland it is southeasterly, while in Scandinavia, Denmark and Germany it is easterly. Temperature has risen very generally, and is now slightly above the average over the central and southern parts of England, the morning readings in those districts being in most cases a trifle above 50°. On the Irish and Scotch coasts the readings are slightly below the normal, the lowest reported being 43° at Wick and 44° at Aberdeen and Malin Head. The highest Continental readings, 54° to 59°, are reported on the southeast coasts of France, but the thermometer is slightly above 50° on the Norwegian coasts, — as far north, even, as Oslo. The weather is fair over great Britain, as a whole, but fog and mist are reported on our northeast coasts; in Ireland it is cloudy and showery. Dull weather prevails also at most of the Continental stations, with rain in several isolated places. The sea is slight or smooth generally, but is rather rough at the mouth of the Channel and rough at Stromboli Head. During yesterday the thermometer rose to between 50° and 55° in most parts of Ireland and England, and to 56° in London; at Aberdeen it did not exceed 43°. The duration of bright sunshine was generally rather small, the largest amounts reported being 7.1 hours at Eastbourne and 6.9 hours at Hastings and Littlestone-on-Sea. Rain fell over Western Europe generally but the quantity was, as a rule, small or only moderate.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new disturbance which has appeared in the west is shallow, but is likely to spread eastwards and to occasion further falls of rain in most parts of the Kingdom, commencing to-day in the west, and spreading later to the more eastern districts. Temperature over England will probably remain equal to, or slightly above, the average.

FORECASTS *

For the 24 hours ending at NOON on APRIL 29TH 1903

DISTRICTS.

FORECASTS:

0	SCOTLAND NORTH	Southeasterly winds, moderate or fresh; cloudy, changeable, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 5
3	ENGLAND EAST	
4	MIDLAND COUNTIES	Southwesterly to southerly winds, light or moderate, fair at first, some showers later. Continuing mild.
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Southerly winds, freshening; cloudy, some rain.
9	IRELAND NORTH	
10	IRELAND SOUTH	Southerly and southeasterly winds, freshening; cloudy, 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.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	m	*	c, b	50	41	5.4	0.08
Newton Reigny (Penrith)												*					
Bath	29.39	50	SW 2	0	29.55	+ .28	51	48	+ 2	SW 1	8	*	-	53	43	0.0	0.17

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	39	o, c, o	0.4	-	Eastbourne to 6 pm ...	*	*	*	7.1	*
Rhyl to 6 pm ...	*	*	*	0.8	*	Hastings ...	*	*	*	6.9	*
Llandudno ...	*	*	*	1.1	*	Lowestoft, to 6 p.m. ...	50	43	o, r, c	2.4	0.20
Aberystwyth, to 6 p.m. ...	52	47	o, bc	5.7	0.10	Harrogate, to 6 p.m. ...	47	38	c, o m, r	0.0	0.16
Plymouth, to 9 p.m....	54	48	p, bc, p	2.5	0.08	Manchester, to 9 p.m. ...	49	39	o, r, bc	0.0	0.05
Worthing ...	*	*	*	0.6	*	Darwen, to 9 p.m....	46	35	c o m, o m w	0.0	-
Brighton to 6 pm ...	*	*	*	4.2	*	Birmingham, to 9 p.m. ...	52	40	r, o	0.0	0.33

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.
27 th APRIL 1903.		Max. °	Min. °			Max. °	Min. °				
Information not received					Ins.	Tunis	26 th APRIL 1903. 1 p.m. Information not received	1 p.m.	Measured 7 a.m.		
Utrecht											
Madrid											
Vienna											
St. Petersburg											
Trieste											
Florence											
Rome											
Corsica (I. Sanguinaires) ...											
Naples											
Palermo											
Malta											
						Lugano					
						Davos					
						Lucerne					
						Lausanne					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Baumfort 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.	28 th APRIL 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	4.30	11.50	7.10
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4.41	11.57	7.15
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	4.29	12.9	7.50
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Valencia	5.20	12.38	7.57
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, 30th April, 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. Inch.	
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 ...	29.97	41	Z	0	6	29.85	- .24	41	39	- 4	N	2	C	-	57	39	*	-		
	Hernösand ...	29.96	41	Z	0	0	29.83	- .22	45	43	+ 4	Z	0	0	-	52	34	*	-		
	Stockholm ...	29.83	48	Z	0	C	29.73	- .22	46	46	+ 4	NNE	4	0	-	50	37	*	0.08		
	Wisby ...	29.77	40	Z	0	6	29.68	- .22	40	39	- 1	NNE	2	6	-	45	34	*	-		
	Karlstad ...	29.88	46	N	2	6	29.81	- .10	48	45	- 1	NNE	2	C	-	50	43	*	-		
	Færder (X'iania Fjord)	29.80	48	NNE	2	0	29.79	- .07	44	43	- 1	N	4	0	2	50	43	*	-		
	Bodö ...	29.92	51	E	2	6	29.80	- .20	47	43	- 6	ENE	2	0	1	59	45	*	0.04		
	Christiansund ...	29.78	51	SE	1	6	29.76	- .08	51	45	- 1	S	1	6	1	61	41	*	-		
	Skudesnaes ...	29.72	49	ESE	2	C	29.67	- .08	48	45	0	ESE	2	0	2	54	48	*	-		
	Sumburgh Head ...	29.61	45	ESE	3	0	29.48	- .20	45	45	0	E	4	0	6	47	43	*	0.05		
Stornoway ...	29.43	50	ESE	3	6	29.40	- .08	48	44	+ 2	E	3	0	3	54	40	10.7	-			
Malin Head ...	29.26	46	E	6	df	29.33	+ .04	46	46	- 1	W	2	om	2	48	44	*	0.11			
Blacksod Pt. ...	29.17	48	SSW	4	op	29.34	+ .15	50	48	+ 1	SE	1	6	2	50	42	*	0.10			
Valencia ...	29.24	52	WSW	2	bcv	29.34	+ .16	47	46	- 2	Z	0	cm	4	56	41	12.0	-			
BRITISH ISLANDS.	Roche's Point ...	29.26	52	S	3	bc	29.33	+ .14	48	47	- 2	N	2	C	1	54	40	*	0.01		
	Parsonstown ...	29.24	50	SSW	1	C	29.35	+ .18	46	45	- 1	Z	0	6	*	53	37	3.5	0.17		
	Donaghadee ...	29.29	48	SE	3	og	29.36	+ .07	46	46	- 1	NE	1	f	2	48	44	*	0.10		
	Liverpool Obsy. ...	29.32	50	WNW	1	6	29.34	+ .07	49	47	+ 1	ESE	2	C	?	55	44	*	0.22		
	Holyhead ...	29.30	49	SW	2	bc	29.31	+ .08	49	48	+ 1	Z	0	cm	0	52	43	*	0.02		
	Pembroke (St. Ann's)	29.30	49	SSW	3	bc	29.31	+ .06	50	49	+ 1	SE	2	cm	4	53	48	9.1	0.14		
	Scilly (St. Mary's)...	29.21	52	SSE	3	C	29.27	+ .06	50	48	- 1	SSW	3	C	6	56	48	7.8	-		
	Jersey (St. Aubins)...	29.40	54	S	5	og	29.47	+ .02	51	49	- 1	SSE	5	omdp	4	58	49	7.5	0.03		
	Portland Bill ...	29.37	49	SSE	2	bcp	29.41	+ .03	49	48	- 1	S	2	cp	3	55	47	*	0.32		
	Dungeness ...	29.48	51	S	4	bc	29.51	+ .10	50	49	+ 1	SSW	5	bc	4	55	47	*	0.02		
Wick ...	29.50	43	SE	3	f	29.36	- .18	44	44	+ 1	SE	3	rf	3	44	42	*	0.12			
Nairn ...	29.46	48	ESE	2	C	29.33	- .16	45	45	0	Z	0	T	1	57	41	*	0.08			
Aberdeen ...	29.46	43	ENE	4	0	29.41	- .13	43	43	+ 2	SSE	3	f	3	45	40	0.0	0.10			
Leith ...	29.37	45	NE	2	T	29.38	- .06	51	48	+ 6	ENE	1	cm	*	51	41	*	0.28			
North Shields ...	29.29	45	E	2	rf	29.40	- .01	47	46	+ 2	SW	1	f	3	47	40	*	0.21			
Spurn Head ...	29.33	50	S	4	bc	29.43	+ .10	47	46	0	SSE	3	bc	3	52	45	*	0.11			
Yarmouth ...	29.43	54	S	4	bc	29.49	+ .16	51	48	+ 4	S	5	0	4	55	44	*	-			
Loughborough ...	29.39	51	SSE	2	bc	29.41	+ .09	49	48	0	S	3	or	*	58	46	*	0.24			
Oxford ...	29.41	55	SSW	5	bc	29.44	+ .12	52	49	+ 3	SSW	4	og	*	60	47	7.2	0.05			
GERMANY, &c.	The Scaw (Skagen)	29.74	47	ENE	1	m	29.73	- .09	46	45	- 2	ESE	3	0	1	52	45	*	-		
	Fanö ...	29.66	50	SE	2	T	29.67	- .05	49	48	+ 2	SE	2	f	*	59	46	*	0.16		
	Cuxhaven ...	29.63	55	S	1	T	29.67	- .03	49	47	+ 3	S	1	f	*	61	45	*	0.04		
	The Helder ...	29.54	50	SSW	1	6	29.57	+ .09	52	48	+ 4	SSW	3	6	1	54	46	*	0.08		
	Brussels ...	29.65	61	*	*	*	29.65	+ .13	53	48	+ 1	SSW	3	bc	*	62	46	*	0.04		
	Berlin ...	29.67	61	Z	0	bc	29.70	- .07	57	54	+ 6	W	1	0	*	68	51	*	-		
	Frankfurt ...	29.70	50	W	1	0	29.75	+ .04	47	46	0	SW	2	bc	*	57	39	*	0.12		
	Munich ...	29.72	53	Z	0	0	29.87	+ .11	46	45	- 1	SW	4	C	*	63	43	*	0.32		
	C. Gris Nez ...	29.51	53	S	3	C	29.52	+ .09	49	48	0	SSW	4	0	4	59	46	*	-		
	Brest ...	29.37	52	SW	5	C	29.35	- .03	50	?	- 1	SE	4	T	5	54	50	*	0.24		
Lorient ...	29.44	54	S	6	C	29.42	- .01	50	50	0	S	5	T	5	57	48	*	0.32			
Rochefort ...	29.65	56	SW	6	T	29.58	- .03	53	50	- 1	S	6	0	5	59	50	*	-			
Biarritz ...	29.73	61	SW	5	C	29.65	- .06	60	54	+ 2	S	4	C	5	66	50	*	-			
FRANCE.	Paris ...	29.64	54	SSW	3	T	29.65	+ .08	51	48	0	SSW	3	6	*	64	46	*	-		
	Belfort ...	29.73	49	W	1	0	29.78	+ .06	45	43	0	N	2	C	*	53	40	*	0.63		
	Lyons ...	29.78	52	SE	1	bc	29.80	+ .06	47	47	- 4	W	1	T	*	55	43	*	0.24		
	Nice ...	29.80	53	NW	1	T	29.86	- .07	53	48	+ 3	W	1	bc	3	57	45	*	0.04		
	Perpignan ...	29.75	60	E	2	C	29.75	+ .00	54	51	- 2	SW	1	0	*	69	43	*	-		
SPAN. PEN.	Corunna ...	29.94	57	SW	5	0	29.90	- .06	57	51	- 1	WSW	5	bc	*	61	55	*	0.28		
	Lisbon † ...	30.03	57	N	5	0	30.15	+ .12	56	51	- 3	NW	1	6	3	61	52	*	-		
	Azores (R. Delgada)	30.10	56	NNE	4	bc	30.16	+ .14	52	50	- 7	Z	0	bc	2	63	50	*	-		

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster.

* Observations for this column not generally received.

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

WEATHER CHARTS

FOR THURSDAY, 30TH APRIL, 1903.

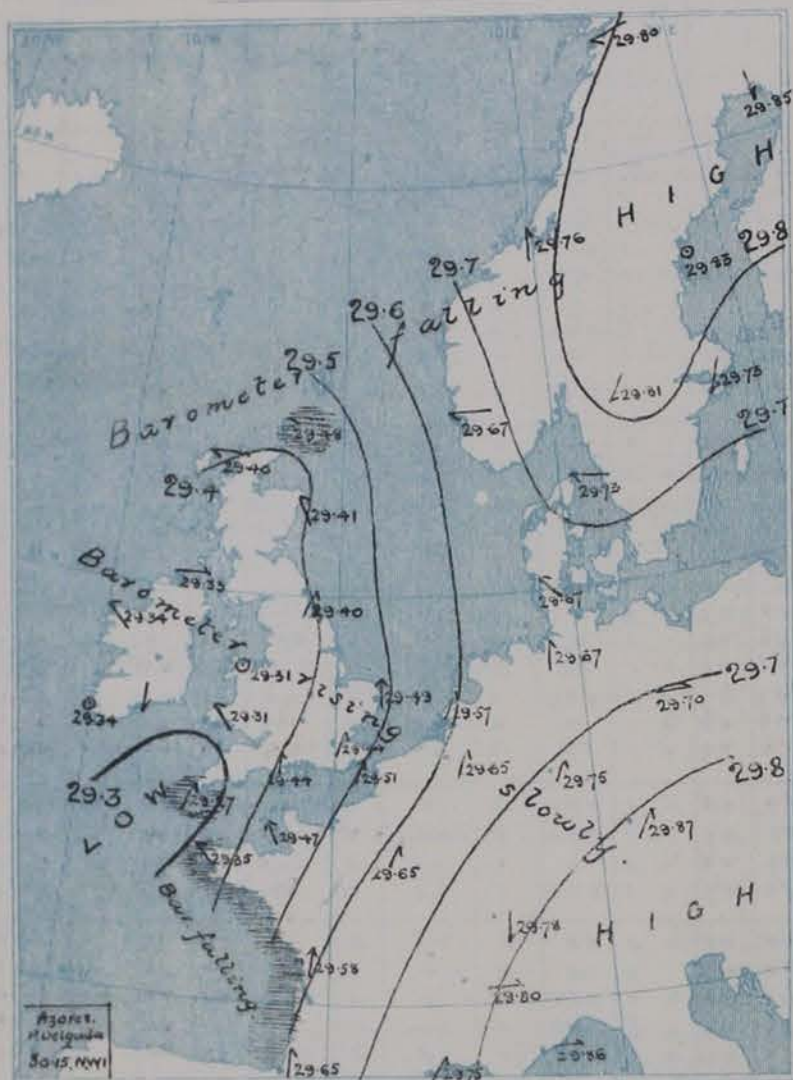
I. BAROMETER, WIND AND SEA. This Morning.

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 5 to 10 → Force 1 to 4 →

SEA—Rough High

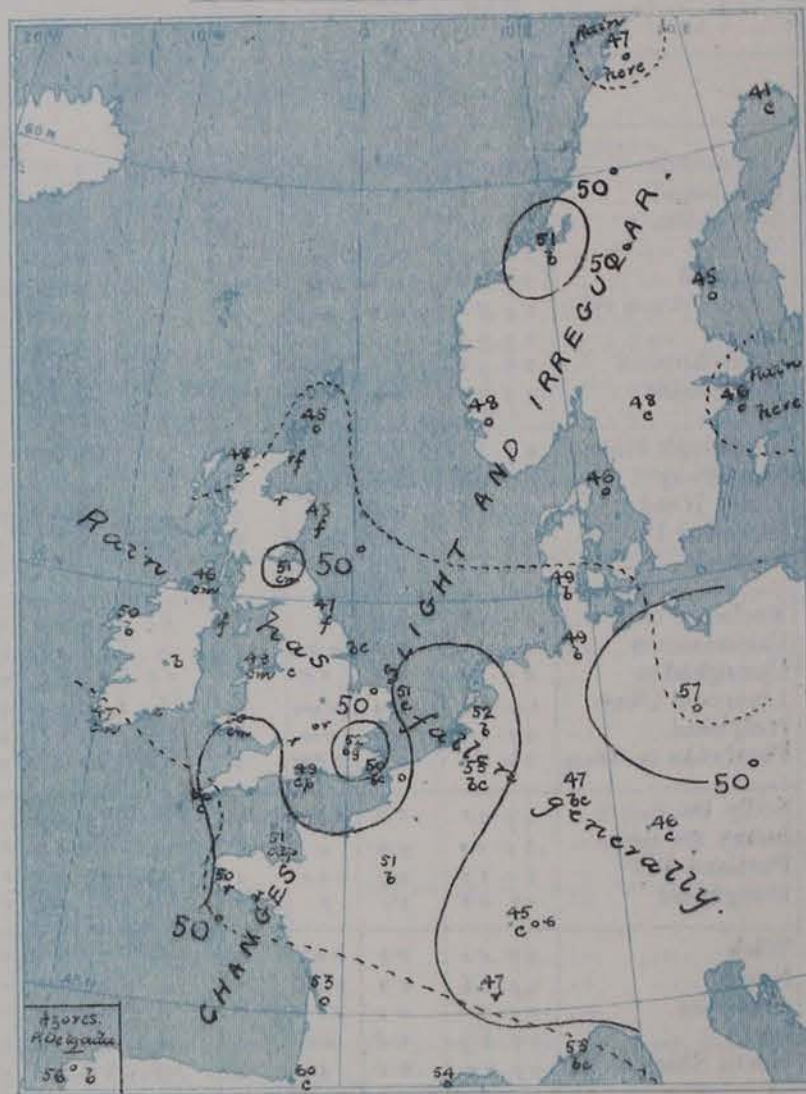


II. TEMPERATURE AND WEATHER. This Morning.

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—0.1



GENERAL SITUATION AT 8 A.M.

PRESSURE

A shallow cyclonic disturbance now extends from the Atlantic over the whole of the United Kingdom and the neighbouring parts of the Continent, the lowest pressures, 29.2 ins and less, being reported over the west and south of Ireland. The advance of the system has been marked by a general fall of the barometer at all, but our extreme northern stations, but the fall has in most places now ceased. The highest readings, 30.0 ins and upwards, are reported over the northern parts of Scandinavia, but pressure is somewhat high, 29.9 ins and upwards, in the extreme south of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is S^W or SW^W in France and the southern parts of the United Kingdom, but is E^W or SE^W in all other parts of western Europe; in force it is light or moderate generally, but fresh or strong on the east and southeast coasts of England. Temperature has changed slightly and very irregularly. In the south of England the readings, (ranging between 49° and 52°) are a trifle above the average, but in Ireland they agree very closely with the normal while in the northern parts of Great Britain they are below it, the lowest values reported being 41° at Aberdeen and 43° at Wick. On the west coasts of Norway the readings are a little above 50° and are decidedly high for the time of year. Rain is falling in many parts of England and the north of Ireland, and fog prevails on the northeast coasts of Scotland; on our southwest coasts the weather has temporarily improved. At most of the Continental stations the weather is at present fair. The sea is slight or smooth generally, but is rough or rather so on our southwest coasts, and in the Straits of Dover as well as at Sumburgh Head.

During yesterday the thermometers rose to 55° and upwards in many parts of the United Kingdom and to 60° in London; at Wick and Aberdeen it did not exceed 45°. Over the country generally there was very little bright sunshine, but at Bath and Lowestoft the total duration was as much as 70 hours. Rain has again fallen in most parts of western Europe, the largest amounts reported being 0.9 inch at Biarritz, 0.8 inch at Bath, and 0.7 inch at Portland Bill. A thunderstorm occurred at Cuxhaven yesterday afternoon.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT



With the present distribution of pressure it is probable that fresh cyclonic areas will advance over our Islands from the SW^W, and the weather is therefore likely to remain in a very changeable condition, with occasional rain in most districts. No decided change in temperature is indicated.

FORECASTS *

For the 24 hours ending at NOON on 30th April.

1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	E ^W and SE ^W winds, moderate or fresh; cloudy, some rain, foggy or misty on coast.	6 { SCOTLAND WEST	E ^W and SE ^W winds, moderate or fresh; cloudy, rain at times.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	Same as Nos 3 to 5.
3 { ENGLAND EAST	S ^W and SW ^W winds, moderate; mild and changeable, with occasional rain, but with fine intervals.	9 { IRELAND NORTH	Same as Nos 6 and 7.
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	Varying S ^W (SE ^W to SW ^W) breezes; changeable; some rain.
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	*	*	*	*	*	*	*	*	*	*	*	*	*	3c, r	52	46	5.5	0.22
Newton Reigny (Penrith)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Bath	29.50	55	SW 2	r	29.33	-.22	51	48	0	SW 4	3c	*	-	60	47	7.0	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. ...	58	39	o, c, p, o	2.8	0.12	Eastbourne to 6 pm ...	*	*	*	1.1	*
Rhyl to 6 pm	*	*	*	2.5	*	Hastings	*	*	*	1.2	*
Llandudno	*	*	*	2.1	*	Lowestoft, to 6 p.m. ...	56	41	o, c, c	7.0	-
Aberystwyth, to 6 p.m. ...	60	50	o, c	4.2	0.02	Harrogate, to 6 p.m. ...	55	40	o, c, o, c	1.0	0.07
Plymouth, to 9 p.m. ...	56	46	3c, p	4.4	0.13	Manchester, to 9 p.m. ...	59	40	o, 3, 3c	6.3	0.01
Worthing	*	*	*	3.4	*	Darwen, to 9 p.m. ...	56	36	o, c, m, q, o, m, w	2.4	0.08
Brighton to 6 pm	*	*	*	1.4	*	Birmingham, to 9 p.m. ...	59	42	o, c, p, 3	4.1	0.09

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

STATIONS. 28 th April 1903.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Utrecht	54	43	o, c	Ins. 0.04	Tunis	66	54	m, o	Ins.
Madrid	Not rec'd				Algiers	72	57	o, 3	-
Vienna	63	41	3, 3	-	Madeira (Funchal) ...	Not rec'd			
St. Petersburg	63	46	r, f	-					
Trieste	63	48	3c, 3	-	27 th April 1903.	1 p.m.		1 p.m.	Measured 7 a.m.
Florence	63	45	o, o	-	Lugano	55	-	o	0.12
Rome	64	44	3, o	-	Davos	48	-	o	-
Corsica (I. Sanguinaires) ...	66	50	m, m	0.20	Lucerne	59	-	3c	-
Naples	61	50	o, 3	-	Lausanne	48	-	o	-
Palermo	68	59	3, 3	-					
Malta	64	56	?, 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.					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.	24 th April 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	4.28	11.50	7.12
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	4.39	11.57	7.16
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	4.26	12.9	7.52
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	5.18	12.38	7.58
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

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

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

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Weather.	Temp.		Sun-shine.	Rainfall.	
				At 8 ³⁰ and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12).	At 8 ³⁰ Fabr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.				Dirac.	Force (0 to 12).			Max.	Min.
		Ins.	°				Ins.	Ins.	°	°	°								Hours.	Ins.	
1 st	Corunna.	30.28	65	NW	1	f	30.21	-	54	-	-	NW	1	f	3	-	66	48	-	-	
"	Lisbon.	30.20	64	NNW	4	b	30.20	-0.07	58	55	0	Z	0	c	-	-	73	53	-	-	
"	P. Delgada.	30.30	55	NNE	6	m	30.39	+0.28	53	51	-7	NE	5	m	4	-	66	52	-	0.08	
2 nd	Corunna.	30.20	57	WNW	3	o	30.37	+0.16	53	48	-1	N	3	bc	6	-	59	46	-	-	
"	Lisbon.	30.17	54	N	4	b	30.16	-0.04	55	50	-3	NNW	6	bc	-	-	66	54	-	-	
4 th	Corunna.	30.41	54	N	3	o	30.36	-	47	45	-	NE	1	f	7	-	58	41	-	-	
"	Lisbon.	30.13	57	N	5	b	30.20	+0.06	56	48	-2	NNE	5	b	-	-	72	52	-	-	
5 th	Newton Reigny.	29.68	41	NW	4	c	29.81	+0.22	44	43	-1	NW	3	bc	-	cp	48	36	6.7	0.02	
6 th	Corunna.	29.99	55	N	5	b	30.20	-0.20	69	65	+17	NNW	6	m	3	-	67	41	-	-	
7 th	Corunna.	30.04	61	NE	1	b	30.04	-0.16	55	52	-14	W	1	f	4	-	69	48	-	-	
8 th	Corunna.	30.03	59	NW	1	b	30.16	+0.12	55	51	0	NE	3	b	3	-	61	48	-	-	
"	P. Delgada.	30.13	55	NNE	4	c	30.03	-0.11	54	52	-1	NE	3	o	2	-	59	54	-	-	
9 th	Liverpool.	30.21	47	WNW	3	b	30.26	+0.10	45	44	-1	NW	1	o	2	-	51	44	-	-	
"	Corunna.	30.10	64	NNE	3	b	30.08	-0.08	52	48	-3	NE	1	b	3	-	66	45	-	-	
"	Lisbon.	29.92	68	NNW	5	b	29.92	-0.08	65	53	+3	N	4	b	-	-	79	57	-	-	
"	P. Delgada.	30.04	55	NE	2	o	30.05	+0.02	54	52	0	ESE	3	c	2	-	61	52	-	0.12	
11 th	Corunna.	30.06	68	NE	3	b	30.15	-	52	48	-	NE	1	f	6	-	?	46	-	-	
"	Lisbon.	29.94	71	?	3	c	30.00	+0.09	58	53	-5	NNE	4	bc	-	-	79	55	-	-	
12 th	Corunna.	?	63	?	1	b	30.15	0.00	52	48	0	NE	1	b	0	-	70	45	-	-	
"	Newton Reigny.	29.82	40	NW	6	r	29.93	-0.02	38	37	-8	W	4	c	-	cp	49	34	4.0	0.08	
13 th	Lyon.	30.00	49	NW	1	o	29.99	-0.05	45	-	-3	N	1	b	-	-	59	44	-	-	
"	Corunna.	30.02	68	NE	3	o	29.99	-0.16	49	46	-3	NE	1	c	3	-	70	43	-	-	
14 th	Corunna.	29.94	61	NE	3	b	29.97	-0.02	52	47	+3	E	1	b	3	-	63	45	-	-	
15 th	Corunna.	29.98	59	NE	3	b	30.12	+0.15	51	48	-1	NE	1	b	3	-	61	45	-	-	
"	Lisbon.	29.95	63	NW	4	b	30.00	+0.13	59	53	-1	NNW	1	b	-	-	77	54	-	-	
"	P. Delgada.	30.10	59	SSE	4	o	30.09	+0.07	59	55	+1	ESE	4	o	3	-	64	57	-	-	
16 th	Corunna.	30.10	59	N	3	b	30.20	+0.08	50	46	-1	NNE	1	b	3	-	61	43	-	-	
"	Lisbon.	30.02	57	NNE	1	b	29.99	-0.01	61	56	+2	S	1	b	-	-	72	54	-	-	
17 th	Corunna.	30.19	59	NE	3	b	30.23	+0.03	50	46	0	NE	2	b	3	-	61	43	-	-	
18 th	Corunna.	30.18	57	NE	4	b	30.14	-0.09	46	43	-4	ESE	1	f	2	-	61	39	-	-	
"	P. Delgada.	30.17	57	Z	0	b	30.19	+0.13	57	54	0	Z	0	c	2	-	64	54	-	-	
19 th	Newton Reigny.	30.05	34	WNW	3	c	30.27	-0.16	40	39	+3	Z	0	c	-	bc, b	46	27	9.5	-	
20 th	Corunna.	?	57	WNW	3	f	29.92	-0.12	54	50	+2	W	3	o	2	-	61	46	-	-	
21 st	Corunna.	29.84	57	W	3	o	29.53	-0.39	50	46	-4	SW	3	o	3	-	59	43	-	0.16	
22 nd	Corunna.	29.49	54	WNW	4	bc	29.46	-0.07	45	43	-5	SW	1	o	3	-	55	39	-	0.28	
"	P. Delgada.	30.10	59	N	4	c	30.24	+0.23	58	51	-4	NNE	4	b	3	-	66	55	-	-	
23 rd	Corunna.	29.57	54	NW	3	o	29.81	+0.35	50	-	+5	NW	3	o	4	-	55	45	-	0.16	
"	P. Delgada.	30.34	57	NNW	4	b	30.33	+0.12	58	53	0	NNE	5	b	3	-	63	54	-	-	
24 th	Corunna.	29.88	53	NW	3	bc	29.90	+0.09	48	46	-2	NW	2	o	5	-	54	41	-	0.12	
25 th	Corunna.	29.97	52	N	3	c	29.98	+0.08	41	-	-7	NNW	1	f	5	-	54	27	-	0.08	
"	P. Delgada.	30.26	60	W	5	bc	30.10	-0.24	60	59	+1	WSW	5	m	4	-	64	59	-	-	
26 th	Newton Reigny.	29.60	50	Z	0	c	29.53	-0.14	44	40	+7	ESE	4	m	-	bc, o	57	30	6.4	0.02	
27 th	Corunna.	29.66	56	S	3	o	29.86	?	-	49	?	WSW	3	o	5	-	57	45	-	0.12	
28 th	Corunna.	29.90	55	WSW	2	bc	29.70	-0.16	57	55	?	SW	5	r	?	-	-	-	-	0.08	
"	Lisbon.	30.07	56	SW	5	r	29.94	-0.09	59	57	+2	SSW	5	o	-	-	61	55	-	0.20	
"	P. Delgada.	30.05	59	W	5	b	30.01	-0.06	58	51	-3	W	6	b	6	-	64	55	-	-	
29 th	Corunna.	29.61	59	W	3	bc	29.62	-0.08	52	50	-5	SW	3	bc	6	-	63	46	-	-	
"	Lisbon.	29.93	57	SW	4	b	29.96	+0.02	58	53	-1	WSW	5	o	-	-	61	54	-	0.32	
"	P. Delgada.	30.13	56	WNW	4	b	30.03	+0.02	59	54	+1	WSW	5	o	5	-	63	55	-	-	
30 th	Corunna.	29.67	57	WSW	4	o	29.62	0.00	50	48	-2	Z	0	r	3	-	61	45	-	0.12	

2. CORRECTIONS.

[illegible]