

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1902.

DAILY WEATHER REPORT.

July to December 1902.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE

(CONTINUED).

OCTOBER.

NOVEMBER.

DECEMBER.

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.
Sumburgh Head	(Inches.) 29.721	45.9	44.3	49.8	41.6	61	1898	26	1875	24	4.43	(Hours.) —	—
Stornoway	29.752	45.4	44.4	51.1	40.3	70	1898	26	1880	24	5.31	87.0	28
Malin Head	29.803	48.4	46.3	52.6	45.6	[69]*	[1898]	[32]*	[1892]	[21]*	[2.99]*	—	—
Blackod Point	29.851	49.5	46.6	54.1	45.9	[70]*	[1898]	[33]*	[1892]	[23]*	[5.20]*	—	—
Valencia	29.885	51.0	48.9	56.4	46.3	69	1898	28	1892	23	5.61	104.4	32
Roche's Point	29.886	50.1	48.3	55.8	46.0	65	1880, 84, 86	32	1881	16	4.21	—	—
Parsonstown	29.883	45.5	44.0	54.7	40.5	69	1898	22	1880	18	3.06	99.9	31
Donaghadee	29.843	47.8	46.5	53.7	43.5	66	1898	21	1892	18	3.14	—	—
Liverpool	29.872	47.7	45.6	53.8	44.5	72	1886	27	1885	18	3.52	—	—
Holyhead	29.863	50.2	48.1	54.7	46.9	71	1886	32	1892	20	4.33	—	—
Pembroke	29.880	51.2	49.2	54.9	47.9	66	1872, 1886	33	1895	20	4.14	104.9	32
Scilly	29.897	53.8	51.7	56.9	50.1	69	1895	28	1895, 96	21	3.73	—	—
Jersey	29.926	53.7	50.9	58.6	48.9	73	1876, 1898, 1900	33	1887	19	4.47	130.0	40
Portland Bill†	[30.029]	[53.4]	[51.3]	[58.5]	[49.2]	—	—	—	—	[12]	[1.72]	—	—
Dungeness	29.908	50.4	48.6	56.6	46.2	70	1886	23	1890	16	3.23	—	—
Wick	29.755	46.2	44.6	51.8	40.4	73	1898	22	1885	21	3.11	—	—
Nairn	29.773	44.6	42.8	52.2	39.8	72	1898	19	1896	18	2.43	—	—
Aberdeen	29.791	45.7	43.6	52.5	41.2	74	1883	25	1880	20	3.00	98.9	31
Leith	29.814	46.4	44.6	54.6	41.5	70	1898	25	1894	16	2.09	—	—
North Shields	29.836	46.9	45.2	53.4	42.2	68	1898	27	1890, 92, 95	17	2.75	—	—
Spurn Head	29.857	48.9	47.4	53.6	45.6	[70]*	[1900]	[33]*	[1887, 95]	16	2.34	—	—
Yarmouth	29.884	49.2	47.6	54.4	44.6	74	1900	27	1895	18	2.98	—	—
Loughborough	29.897	45.4	44.2	55.8	40.8	[77]*	[1886]	[20]*	[1890]	17	2.76	—	—
Oxford	29.916	46.1	44.8	55.0	42.1	76	1886	22	1873	15	2.76	102.7	32
LONDON	29.918	47.6	46.0	56.8	42.9	80	1886	24	1890	16	2.70	70.6†	22†
Sumburgh Head	29.710	42.6	41.0	46.1	38.5	55	1890	21	1875	24	4.12	—	—
Stornoway	29.720	42.5	41.5	46.8	37.4	58	1897	20	1880	23	5.28	40.6	16
Malin Head	29.773	44.3	42.5	48.3	41.2	[50]*	[1894, 99]	[31]*	[1889]	[20]*	[3.08]*	—	—
Blackod Point	29.819	45.7	43.7	49.7	41.7	[60]*	[1897, 99]	[26]*	[1890]	[24]*	[5.22]*	—	—
Valencia	29.883	47.6	45.6	52.4	43.0	63	1881	27	1890, 96	22	5.67	65.8	26
Roche's Point	29.888	46.5	45.0	51.4	42.3	61	1875	27	1890	19	4.65	—	—
Parsonstown	29.869	42.0	40.6	49.4	37.2	63	1872	20	1890	19	2.97	63.8	25
Donaghadee	29.838	43.9	42.7	48.8	39.7	60	1894	27	1878, 83	19	3.12	—	—
Liverpool	29.883	43.0	41.2	48.3	40.0	63	1872	23	1880	17	2.71	—	—
Holyhead	29.865	46.2	44.4	50.0	43.0	62	1881	29	1880	20	3.96	—	—
Pembroke	29.890	47.4	45.7	50.6	43.9	58	1884, 95, 97, 99	28	1890	20	3.94	60.9	24
Scilly	29.911	50.3	48.3	53.0	46.6	61	1898	29	1890	21	3.65	—	—
Jersey	29.953	48.2	46.1	52.6	44.4	66	1899	16	1890	19	4.07	73.5	27
Portland Bill†	[29.969]	[49.9]	[47.7]	[53.3]	[45.3]	—	—	—	—	[14]	[3.65]	—	—
Dungeness	29.923	45.0	43.6	50.1	41.1	63	1899	17	1890	17	2.57	—	—
Wick	29.743	42.0	40.6	46.7	36.8	62	1900	15	1884	20	2.89	—	—
Nairn	29.761	40.5	38.9	46.3	35.6	61	1885, 94	18	1880, 98	17	2.13	—	—
Aberdeen	29.792	41.1	39.3	46.6	37.1	62	1872, 89	15	1880, 84	20	3.06	52.7	22
Leith	29.817	42.3	40.5	48.5	37.5	64	1872	18	1885	16	2.07	—	—
North Shields	29.844	42.8	41.2	48.0	38.4	62	1881, 94	20	1880	17	2.33	—	—
Spurn Head	29.874	43.8	42.5	47.5	40.7	[61]*	[1894, 95]	[28]*	[1884]	17	2.19	—	—
Yarmouth	29.898	43.7	42.5	48.0	39.5	60	1895, 98, 99	23	1890	19	2.78	—	—
Loughborough	29.910	40.9	39.7	48.6	37.0	[64]*	[1900]	[19]*	[1887, 93]	17	2.14	—	—
Oxford	29.928	41.0	40.4	48.8	37.9	68	1881	19	1871, 87	15	2.39	56.4	22
LONDON	29.931	42.8	41.3	49.8	38.5	65	1894	19	1879	16	2.29	27.7†	11†
Sumburgh Head	29.647	40.1	38.6	43.2	35.9	53	1890	19	1877	26	4.46	—	—
Stornoway	29.671	40.0	39.0	43.7	34.6	55	1893	15	1880	28	5.68	23.9	12
Malin Head	29.748	41.6	40.1	45.4	38.3	[55]*	[1900]	[31]*	[1886, 87, 91, 92, 94, 96, 99]	[24]*	[3.36]*	—	—
Blackod Point	29.803	43.2	41.3	47.2	39.2	[59]*	[1899]	[26]*	[1896]	[27]*	[6.12]*	—	—
Valencia	29.880	45.4	43.2	50.1	40.6	57	1884, 88, 99, 1900	24	1886	25	6.34	42.6	18
Roche's Point	29.894	44.0	42.8	48.5	39.9	58	1873	25	1882	20	5.47	—	—
Parsonstown	29.872	38.8	37.6	45.5	34.0	58	1877, 1900	8	1878	29	3.17	44.7	20
Donaghadee	29.823	40.8	40.0	46.1	36.6	56	1885, 88, 94	20	1879	21	2.96	—	—
Liverpool	29.881	39.4	37.7	44.2	36.1	59	1891, 98, 1900	13	1878	18	2.64	—	—
Holyhead	29.864	43.2	41.6	46.8	39.5	56	1872, 88	25	1874	20	3.94	—	—
Pembroke	29.903	44.4	43.0	47.4	40.9	57	1898	19	1890	21	4.17	44.0	19
Scilly	29.936	47.7	45.8	50.3	43.8	58	1899, 1900	30	1890	22	4.19	—	—
Jersey	29.992	44.0	42.2	48.1	40.1	61	1876	19	1871	20	3.88	62.3	25
Portland Bill†	[29.911]	[45.2]	[43.9]	[48.9]	[39.8]	—	—	—	—	[21]	[3.50]	—	—
Dungeness	29.952	40.8	39.5	45.2	36.3	56	1880, 97, 98, 1900	12	1890	17	2.11	—	—
Wick	29.684	38.7	37.5	42.9	33.4	56	[1898]	10	1880	22	3.18	—	—
Nairn	29.713	37.5	36.0	42.6	32.4	58	1900	10	1882	18	2.16	—	—
Aberdeen	29.747	37.5	35.8	42.4	33.3	58	1873	6	1882	20	3.23	38.2	19
Leith	29.782	39.1	37.6	44.5	34.1	60	1896	0	1882	15	1.95	—	—
North Shields	29.825	38.9	37.5	43.6	34.3	59	1873, 98	10	1878, 79	16	2.34	—	—
Spurn Head	29.864	39.4	38.2	43.1	35.8	[56]*	[1898]	[19]*	[1891]	17	2.07	—	—
Yarmouth	29.911	38.6	37.5	42.7	34.2	56	1873	15	1879	17	2.47	—	—
Loughborough	29.914	36.9	35.9	43.5	32.8	[59]*	[1888, 1900]	[7]*	[1890]	15	2.35	—	—
Oxford	29.950	37.6	36.5	43.7	34.0	58	1888, 97	6	1878	16	2.18	41.6	18
LONDON	29.953	38.5	37.3	44.7	34.4	58	1873, 88, 91, 98	11	1878	15	2.15	13.1†	5†

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

‡ The values for Portland Bill are for two years only, 1899-1900.

SUPPLEMENT TO THE DAILY WEATHER REPORT.

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

JULY.

AUGUST.

SEPTEMBER.

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.
Sumburgh Head	29.806	53.4	51.7	57.6	48.3	70	1897	37	1888	17	2.33	—	—
Stornoway	29.822	55.5	53.7	60.3	49.1	76	1894	32	1888	21	2.97	140.8	28
Malin Head	29.873	56.1	54.0	61.0	53.6	[75]*	[1887]	42*	[1888]	[19]*	[2.87]*	—	—
Blackod Point	29.914	57.8	55.2	62.4	53.8	[80]*	[1894]	42*	[1898]	[21]*	[2.94]*	—	—
Valencia	29.960	59.2	56.6	64.0	53.8	80	1878	42	1898	20	3.95	154.4	31
Roche's Point	29.957	59.0	56.1	65.8	53.7	84	1876	45	1888	15	3.60	—	—
Parsonstown	29.937	58.1	55.0	66.4	51.7	89	1876	37	1889	17	2.25	139.2	28
Donaghadee	29.904	57.4	55.5	63.5	52.1	81	1876	40	1883	18	2.85	—	—
Liverpool	29.927	59.5	56.6	66.0	54.3	89	1873	41	1877	16	2.77	—	—
Holyhead	29.932	58.3	56.0	63.8	54.1	83	1894	43	1888	10	2.46	—	—
Pembroke	29.956	58.2	56.2	62.7	54.9	80	1878	45	1888	14	2.42	205.3	42
Scilly	29.987	60.5	58.3	64.9	56.5	75	1886	48	1875	16	2.30	—	—
Jersey	30.015	62.5	59.1	68.6	56.5	90	1873	46	1877, 97	13	2.30	244.2	51
Portland Bill	[30.071]	[61.7]	[59.3]	[67.0]	[55.4]	—	—	—	—	[6]	[0.94]	—	—
Dungeness	29.965	61.9	58.6	67.0	56.1	82	1900	40	1890	12	1.62	—	—
Wick	29.835	56.0	53.7	61.8	48.9	81	1876	30	1886	18	2.54	—	—
Nairn	29.838	56.9	53.7	64.5	50.3	86	1876	37	1886, 97, 98	17	2.68	—	—
Aberdeen	29.852	57.8	53.8	63.7	50.7	86	1876	38	1898	18	2.82	165.0	32
Leith	29.867	58.6	55.0	66.6	51.4	90	1876	41	1887, 88, 92	16	2.76	—	—
North Shields	29.887	58.2	55.1	64.3	51.9	85	1876	40	1885	15	2.55	—	—
Spurn Head	29.914	59.6	56.9	65.1	55.0	[84]*	[1881, 1900]	[44]*	[1888]	13	1.70	—	—
Yarmouth	29.938	60.8	57.6	66.3	54.9	87	1881	42	1872, 90	15	2.69	—	—
Loughborough	29.947	60.9	57.2	71.4	52.6	[90]*	[1881]	[39]*	[1888]	15	2.24	—	—
Oxford	29.963	60.2	56.6	70.1	53.5	90	1876, 1900	41	1888	14	2.49	200.7	41
LONDON	29.971	62.2	57.7	72.7	54.2	95	1881	41	1877	13	2.27	174.7	36
Sumburgh Head	29.782	53.5	51.9	57.7	48.5	69	1880	38	1885, 95	18	3.25	—	—
Stornoway	29.794	55.1	53.5	60.2	49.1	75	1897, 99	33	1888	21	5.60	131.3	28
Malin Head	29.830	56.4	54.3	61.8	54.1	[80]*	[1900]	[40]*	[1891]	[21]*	[2.25]*	—	—
Blackod Point	29.878	58.1	55.5	62.7	54.1	[78]*	[1899]	[42]*	[1887-88]	[22]*	[2.08]*	—	—
Valencia	29.929	59.8	57.1	64.7	54.3	81	1899	42	1890	22	4.90	152.7	34
Roche's Point	29.932	59.1	56.6	65.7	54.2	80	1880	44	1883	16	3.04	—	—
Parsonstown	29.917	57.4	55.2	65.9	51.6	82	1893, 99, 1900	35	1885, 87	16	3.87	139.5	31
Donaghadee	29.881	57.1	55.3	62.8	52.5	78	1899	38	1886	19	3.30	—	—
Liverpool	29.908	58.8	55.3	65.8	54.3	85	1876, 84, 93, 99	44	1886	17	2.96	—	—
Holyhead	29.909	58.6	56.5	64.0	54.8	83	1893	45	1888	16	3.02	—	—
Pembroke	29.902	58.9	56.8	63.3	55.8	78	1874, 99	47	1885, 98	16	2.91	193.8	43
Scilly	29.932	61.2	59.0	65.3	57.1	75	1893, 99	50	1885, 90, 95	17	2.49	—	—
Jersey	29.965	63.2	59.8	69.1	57.4	89	1893	45	1890	14	2.48	244.8	56
Portland Bill	[30.042]	[62.2]	[60.0]	[68.5]	[55.7]	—	—	—	—	[11]	[1.57]	—	—
Dungeness	29.953	62.1	58.9	67.5	56.6	80	1887, 94	39	1890	13	1.81	—	—
Wick	29.813	55.5	53.5	61.4	48.6	85	1893	30	1898	18	2.61	—	—
Nairn	29.817	56.0	53.2	63.9	49.9	88	1899	33	1885, 91	18	2.88	—	—
Aberdeen	29.835	56.7	53.5	63.1	50.2	81	1880, 82, 99	33	1885	18	3.03	153.3	33
Leith	29.848	57.7	54.6	66.0	51.4	85	1893	37	1874	16	2.72	—	—
North Shields	29.871	57.3	54.7	64.0	51.8	83	1893	39	1892	16	2.83	—	—
Spurn Head	29.904	59.4	56.8	64.7	55.0	[87]*	[1893]	[46]*	[1887, 90, 1900]	15	1.87	—	—
Yarmouth	29.929	60.6	57.6	66.3	54.8	85	1893	42	1876, 85	14	2.26	—	—
Loughborough	29.935	60.1	56.2	70.4	52.0	[91]*	[1893]	[38]*	[1885, 87, 88]	14	2.46	—	—
Oxford	29.954	60.9	56.0	69.4	53.0	90	1876	39	1892	13	2.38	185.7	42
LONDON	29.961	61.0	57.4	71.9	53.7	96	1876	39	1887, 90	13	2.30	165.9	37
Sumburgh Head	29.783	50.8	49.1	54.9	46.2	69	1898	34	1887, 88	20	3.48	—	—
Stornoway	29.800	51.5	50.2	56.7	45.7	72	1898	32	1871, 75, 85	21	4.17	107.4	28
Malin Head	29.834	53.7	51.4	58.5	51.1	[78]*	[1898]	[38]*	[1886]	[19]*	[3.11]*	—	—
Blackod Point	29.865	55.3	52.9	59.8	51.6	[78]*	[1898]	[39]*	[1890]	[21]*	[3.09]*	—	—
Valencia	29.903	56.6	54.2	61.9	51.4	79	1898	35	1899	19	4.34	133.4	36
Roche's Point	29.906	55.8	53.7	61.9	51.3	74	1880	39	1893	14	3.62	—	—
Parsonstown	29.947	52.9	51.0	61.9	47.3	79	1890, 98	29	1890	17	2.92	139.2	35
Donaghadee	29.913	53.7	52.4	60.1	49.3	74	1898	36	1882, 94, 99	17	2.80	—	—
Liverpool	29.944	54.8	52.1	61.5	50.9	82	1880	39	1885	16	3.12	—	—
Holyhead	29.939	55.9	53.7	60.8	52.3	78	1880	43	1873, 85, 97	16	3.04	—	—
Pembroke	29.962	56.4	54.2	60.4	53.2	74	1895	40	1885	16	3.24	148.3	44
Scilly	29.983	58.8	56.6	62.4	54.9	73	1899	44	1885, 88	17	3.15	—	—
Jersey	30.008	60.4	57.2	66.0	55.0	86	1895	41	1891	15	3.04	184.9	50
Portland Bill	[30.038]	[59.0]	[57.0]	[64.7]	[54.0]	—	—	—	—	[9]	[1.53]	—	—
Dungeness	29.981	58.0	55.5	64.0	53.0	78	1898, 99	32	1885	14	2.53	—	—
Wick	29.822	52.1	50.3	58.0	45.7	78	1898	29	1885, 87	19	2.70	—	—
Nairn	29.835	53.6	49.4	59.7	45.9	83	1898	25	1892	17	2.54	—	—
Aberdeen	29.850	52.5	49.9	59.4	46.6	81	1898	30	1887	17	2.87	124.0	33
Leith	29.880	53.5	50.9	62.1	47.5	83	1898	33	1886	15	3.19	—	—
North Shields	29.905	53.2	51.1	60.4	48.3	81	1898	34	1885, 82, 93	14	2.20	—	—
Spurn Head	29.941	55.7	53.8	60.9	52.4	[79]*	[1899]	[38]*	[1892]	14	1.80	—	—
Yarmouth	29.956	56.5	54.3	62.4	51.3	78	1899, 98	33	1885	15	2.57	—	—
Loughborough	29.975	58.5	51.7	65.5	47.5	[90]*	[1898]	[32]*	[1898]	14	2.44	—	—
Oxford	29.985	59.0	52.1	64.0	48.8	90	1898	33	1885	15	2.39	144.2	39
LONDON	29.991	59.8	53.4	66.8	49.7	91	1898	30	1877	13	2.21	116.0	31

* These values are from observations made during the following periods:—Spurn Head and Loughborough, 20 years, 1880-1900; Malin Head and Blackod Point (Balmuccia), 15 years, 1885-1900.
† The Sunshine values are for Westminster.
‡ The values for Portland Bill are for two years only, 1890-1900.

DAILY WEATHER REPORT

for 8 a.m. on

FRIDAY 1ST AUGUST

1902

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 f)	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 ...	29.75	55	E	2	o	29.78	+0.2	56	52	+2	N	2	b	*	-	64	52	*	-	
	Hernösand ...	29.81	54	Z	0	c	29.88	+0.10	54	51	-5	N	2	o	*	-	61	52	*	-	
	Stockholm ...	29.83	53	W	2	+	29.84	+0.06	54	51	-4	N	2	o	*	-	63	48	*	0.08	
	Wisby ...	29.84	54	S	2	bc	29.82	-0.06	51	50	-3	NW	2	c	*	-	61	48	*	0.51	
	Karlstad ...	29.87	54	NNW	2	c	29.93	+0.11	55	51	+2	N	2	b	*	c, +	*	*	*	0.20	
	Færder (X'ania Fjord) ...	29.84	59	WSW	2	bc	29.94	+0.11	57	49	+3	NNE	4	b	2	-	59	54	*	-	
	Bodö ...	29.89	51	NNW	2	o	29.90	+0.01	49	46	-1	WSW	4	c	2	-	54	46	*	0.30	
	Christiansund ...	30.02	49	WNW	2	o	30.04	+0.11	49	45	+1	WNW	1	o	2	-	52	46	*	-	
	Skudesnaes ...	29.98	51	NNW	4	b	30.05	+0.11	49	48	-1	NNW	6	o	2	b	55	48	*	-	
	Sumburgh Head ...	30.09	49	NW	3	c	30.07	+0.07	47	44	-3	WSW	1	o	2	c	53	44	*	-	
BRITISH ISLANDS.	Stornoway ...	30.16	52	S	1	o	30.09	-0.05	52	48	+1	SW	2	o	2	o	57	43	0.5	-	
	Malin Head ...	30.19	53	N	4	b	30.17	+0.03	55	52	+3	NW	4	bc	2	b	56	49	*	0.01	
	Blacksod Pt. ...	30.23	57	NNW	3	bc	30.24	+0.06	55	51	0	WNW	1	bc	2	opm, bc	57	48	*	0.07	
	Valencia ...	30.21	60	NNW	3	bc	30.24	+0.06	56	53	+1	Z	0	o	3	c, bc	61	47	5.2	-	
	Roche's Point ...	30.19	57	NW	1	o	30.23	+0.08	56	54	-1	N	2	bc	1	o	59	51	*	0.03	
	Parsonstown ...	30.18	57	NE	1	o	30.23	+0.06	47	46	-4	N	1	o	*	op, o	58	41	0.4	0.05	
	Donaghadee ...	30.18	58	NNE	2	b	30.19	+0.05	49	42	-3	NW	2	b	2	-	58	43	*	-	
	Liverpool Obsy. ...	30.16	57	NW	1	b	30.21	+0.09	54	51	0	WNW	1	o	1	-	60	51	*	-	
	Holyhead ...	30.17	55	N	2	b	30.20	+0.07	56	52	+3	N	1	c	1	c, b	58	48	*	-	
	Pembroke (St. Ann's) ...	30.14	56	N	4	bc	30.19	+0.09	56	52	-2	NNE	3	bc	3	-	61	49	11.6	-	
GERMANY, &c.	Scilly (St. Mary's) ...	30.13	60	NE	3	c	30.16	+0.05	59	56	0	NE	3	bc	0	bc, c	64	55	7.5	-	
	Jersey (St. Aubins) ...	30.11	61	NNE	3	bc	30.14	+0.05	62	58	+4	NE	3	bc	3	cg, bc, w	64	54	5.6	-	
	Portland Bill ...	30.13	58	WNW	1	c	30.16	+0.05	57	54	0	ENE	1	cm	1	c	61	54	*	-	
	Dungeness ...	30.11	60	S	1	o	30.16	+0.07	61	56	+5	E	4	bc	2	og, o	64	49	*	-	
	Wick ...	30.14	52	N	3	o	30.10	+0.01	52	47	-1	NW	1	b	1	-	59	44	*	0.01	
	Nairn ...	30.14	55	NW	2	bc	30.12	+0.01	51	50	-1	W	1	b	1	-	61	42	*	0.02	
	Aberdeen ...	30.14	54	E	1	c	30.15	+0.05	52	49	0	SSE	2	o	1	c	57	45	0.4	-	
	Leith ...	30.13	57	E	1	c	30.14	+0.04	53	50	-1	W	1	cm	*	-	62	51	*	-	
	North Shields ...	30.16	56	ENE	2	c	30.15	+0.06	52	50	0	SW	2	o	2	c	63	49	*	-	
	Spurn Head ...	30.15	55	NNE	3	bc	30.20	+0.12	58	53	+3	N	2	bc	1	-	63	50	*	-	
FRANCE.	Yarmouth ...	30.12	61	NE	3	bc	30.18	+0.14	58	52	-1	NNE	2	b	2	bc, bv	63	48	*	-	
	Loughborough ...	30.14	59	ESE	2	c	30.22	+0.11	52	50	-3	ESE	1	cm	*	bc, cm	65	50	*	-	
	Oxford ...	30.14	57	N	1	c	30.20	+0.09	55	53	+1	NNE	2	o	*	c, bc, c	67	48	*	-	
	London (Brixton) ...	30.10	63	W	1	c	30.20	+0.10	55	51	-2	N	1	og	*	o, b	66	51	2.7	-	
	The Scaw (Skagen) ...	29.89	56	NNW	1	bc	29.93	+0.06	57	56	+3	WSW	1	b	0	-	61	50	*	-	
	Fanö ...	30.04	52	WNW	5	o	30.07	+0.10	55	51	+2	WNW	4	c	*	-	59	50	*	-	
	Cuxhaven ...	30.06	58	NW	3	b	30.12	+0.12	55	51	+1	NNW	2	bc	*	-	59	52	*	-	
	The Helder ...	30.12	58	N	2	b	30.17	+0.14	59	52	-1	N	1	bc	0	-	60	46	*	-	
	Brussels ...	*	*	*	*	*	30.16	+0.10	55	51	-4	NNE	2	bc	*	-	60	46	*	0.04	
	Berlin ...	30.02	57	W	1	bc	30.11	+0.05	55	50	-1	WNW	3	b	*	-	61	48	*	0.08	
SPAN. PEN.	Frankfurt ...	30.06	60	N	2	a	30.11	+0.06	57	53	-5	NNE	4	c	*	-	73	54	*	-	
	Munich ...	30.10	62	SW	4	bc	30.13	+0.03	58	58	-5	SW	3	+	*	-	81	57	*	0.12	
	C. Gris Nez ...	30.13	59	NNE	3	bc	30.19	+0.10	56	52	-1	E	3	b	2	-	64	50	*	-	
	Brest ...	30.13	65	NE	2	b	30.13	+0.04	54	50	-2	NE	1	bc	1	-	72	50	*	-	
	Lorient ...	30.10	67	NE	3	bc	30.11	+0.10	55	55	-4	NE	3	b	2	-	79	52	*	-	
	Rochefort ...	29.98	70	WNW	4	bc	30.00	+0.04	61	58	-5	E	3	b	*	bc	79	57	*	-	
	Biarritz ...	30.06	68	Z	0	o	30.02	-0.07	64	63	-4	S	1	o	0	b, l	72	63	*	-	
	Paris ...	30.05	62	NE	4	bc	30.09	+0.06	57	53	-2	NE	3	b	*	-	71	53	*	-	
	Belfort ...	29.91	70	SSW	3	b	30.01	00	56	55	-2	ENE	3	f	*	-	84	54	*	0.24	
	Lyons ...	?	80	S	2	b	30.01	-0.02	66	59	-5	ESE	1	c	*	b, l, +	89	62	*	0.08	
SPAN. PEN.	Nice ...	30.08	73	SW	2	b	30.07	-0.03	72	63	-2	SW	1	c	0	-	82	64	*	-	
	Perpignan ...	29.99	76	NE	2	c	29.98	-0.06	71	69	+3	E	2	o	*	-	82	68	*	-	
SPAN. PEN.	Corunna ...																	*	-	-	
	Lisbon ...																	*	-	-	
	Azores (P. Delgada) ...																	*	-	-	

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, 1st August, 1902

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. 1)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.8



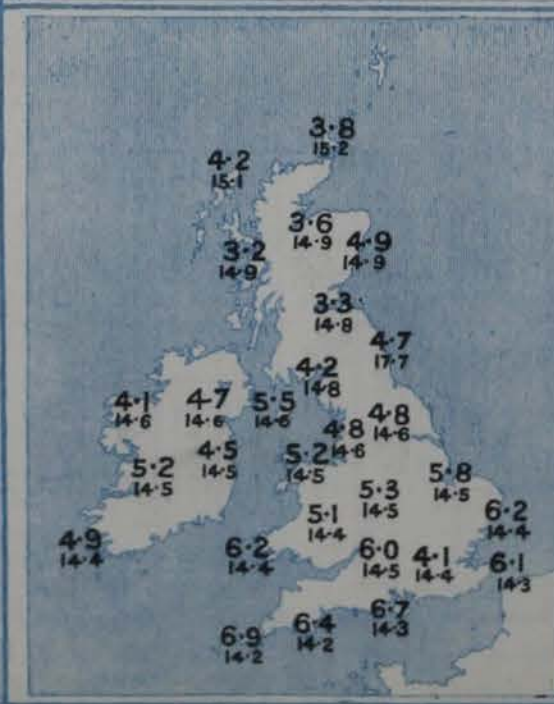
III BAROMETER AND WIND

Yesterday morning.



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

Specimen (for Stornaway) { Average No of Hours daily } 4.2
{ Total Possible } 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JULY-AUGUST (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

There has been very little change in pressure since yesterday over our Islands and their neighbourhood, and this morning the values vary from 30.2 ins. and more over Ireland and central England to less than 29.8 ins. over Finland and to 30.0 ins. at Rotherford.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light from S.W. and W. in Scotland, moderate from N. over the countries lying to the eastward of the North Sea, N.E. at our southern stations and in France, and calm in Ireland. Temperature has changed very little, but as a whole it has fallen slightly; in our Islands it ranges from 61° at Dungannon and 59° at Scilly to 47° at Parsonstown and Lumburg Head, and is below the average generally.

The weather is dull over the greater part of Scandinavia and England, but fine and bright elsewhere, except in south Germany and the south-east of France. The sea is smooth.

During yesterday the maximum temperature registered at our own stations was 67°, at Oxford; in Scotland and Ireland the maxima were all below 60°. A little more rain fell in the west and north and also over southern Europe. Bright sunshine was recorded to the amount of 11 hours at Pembroke, 6 hours at Rhyll, but only 1.8 hours at Hastings and 0.4 hour at Parsonstown.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The appearance is now very fine, except for the northern parts of Scotland, where it is still changeable and unsettled. N.E. winds are probable in the south, S.W. to N.W. in the far north. The day temperatures are likely to increase, but the nights will be cool.

N.B. The Daily Weather Report for Monday, 4th of August, will not be issued till Tuesday, 5th August.

FORECASTS*

For the 24 hours ending at NOON on 2nd August, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	S.W. ^{ly} to N.W. ^{ly} winds, light to fresh; some showers.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	Variable and N.W. ^{ly} airs; fair.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	N ^{ly} and N.E. ^{ly} airs; fair, cool.

6	{ SCOTLAND WEST	Same as No. 0.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	N ^{ly} airs; fair as a whole, cool.
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	*	*	*	*	*	*	*	*	*	*	b	*	b, c	66	47	59	-
Newton Reigny (Penrith)	30.14	54	WNW 1	0	30.17	+0.8	50	48	-1	20	b	*	o, c, bw	61	40	2.4	-
Bath	30.12	62	W 1	0	30.18	+0.8	53	51	-4	NE 1	0	*	-	65	52	1.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	60	42	b, c, o	4.2	-	Worthing	*	*	*	2.7	*
Birmingham, 9 p.m. ...	62	49	c	2.3	-	Llandudno	*	*	*	8.7	*
Lowestoft, up to 6 p.m. ...	61	49	c	7.3	-	Rhyl up to 6 p.m. ...	*	*	*	9.3	*
Hastings	*	*	*	1.8	*	Southport, 9 p.m. ...	62	52	c, b	7.9	0.01
Eastbourne up to 6 p.m. ...	*	*	*	2.5	*	Manchester, 9 p.m. ...	56	52	o, c	0.6	-
Brighton	*	*	*	1.6	*	Darwen, 9 p.m. ...	61	46	c, v, w	5.5	-

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. at 1 p.m.	WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.						
31. VII. 02.					30. VII. 02.		1 p.m.	
Marseilles	84	55	c	Ins.	Geneva	72	b	-
Utrecht	68	52	o	0.36	Berne	72	b	-
Copenhagen	64	50	o	?	Lucerne	73	b	-
Prague	75	54	c	0	Lausanne	?	?	-
Vienna	73	55	b	6c	Lugano	81	b	-
Buda-Pesth	81	57	b	6	Locarno	?	?	-
St. Petersburg	66	52	o	0				
Rome	88	64	b	6				
Malta	82	77	?	6				
Madeira (Funchal)								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

1. Aug. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.13	11.59	7.45
Greenwich	4.24	12.6	7.48
Wick	4.3	12.18	8.33
Valencia	5.3	12.47	8.32

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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on SATURDAY 2nd AUGUST

1902

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.	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.	Direc.	Force (0 to 12.)			Weather.	Max.			Min.	
																					Ins.
SCANDINAVIA.	Haparanda ...	29.78	55	SW	2	b	29.82	+0.4	58	52	+2	N	4	b	*	-	64	50	*	-	
	Hernösand ...	29.88	53	Z	0	b	29.94	+0.6	54	49	0	N	1	b	*	-	66	50	*	-	
	Stockholm ...	29.93	56	WNW	2	b	29.97	+1.3	60	55	+6	N	2	b	*	-	63	48	*	-	
	Wisby ...	29.95	55	NW	2	b	29.99	+1.7	57	54	+6	NW	2	b	*	-	57	45	*	-	
	Karlstad ...	29.94	59	N	2	b	29.97	+0.4	56	53	+1	WSW	2	b	*	-	*	*	*	-	
	Färder (X'ania Fjord) ...	29.95	60	SW	4	b	29.97	+0.3	56	52	-1	S	4	o	2	-	64	55	*	-	
	Bodö ...	29.90	47	SSW	4	r	29.91	+0.1	46	45	-3	S	1	r	1	-	49	43	*	0.43	
	Christiansund ...	30.04	50	NW	2	c	29.99	-0.5	50	47	+1	NW	1	o	1	-	52	48	*	-	
Skudesnaes ...	30.07	49	NNW	4	c	29.98	-0.7	50	46	+1	W	2	b	1	c	55	46	*	*		
BRITISH ISLANDS.	Sumburgh Head ...	29.98	52	SW	2	bc	29.72	-35	52	51	+5	SE	3	c	4	o, bc	53	46	*	-	
	Stornoway ...	29.89	53	SW	7	r	29.66	-43	54	53	+2	W	2	o	2	r	58	49	1.4	0.39	
	Malin Head ...	30.05	56	W	5	om	29.79	-38	55	54	0	W	5	op	4	bc, om	60	50	*	0.35	
	Blacksod Pt. ...	30.12	57	SW	4	c	29.92	-32	58	55	+3	WNW	4	bep	3	c	58	53	*	0.11	
	Valencia ...	30.22	58	WNW	2	bc	30.05	-19	59	57	+3	SW	3	op	4	bc	60	55	7.0	0.07	
	Roche's Point ...	30.19	59	W	3	c	30.04	-19	57	56	+1	W	3	od	2	c	60	52	*	0.02	
	Parsonstown ...	30.16	59	W	1	o	29.95	-28	57	55	+10	WSW	3	c	*	o, p	62	47	4.4	0.08	
	Donaghadee ...	30.12	57	SW	2	o	29.86	-33	55	55	+6	SW	2	op	2	-	57	49	*	0.26	
Liverpool Obsy. ...	30.14	55	WNW	2	b	29.96	-25	52	51	-2	SW	1	r	?	-	59	49	*	0.05		
Holyhead ...	30.15	54	Z	0	bc	29.95	-25	53	52	-3	SW	4	of	3	b, bc	60	50	*	0.18		
Pembroke (St. Ann's) ...	30.16	57	W	3	b	30.03	-16	56	55	0	WSW	4	ogp	3	-	61	52	12.8	-		
GERMANY, &c.	Scilly (St. Mary's) ...	30.19	60	N	4	bc	30.14	-0.2	59	56	0	NW	4	c	1	bc	63	55	14.1	-	
	Jersey (St. Aubins) ...	30.12	63	ENE	4	bm	30.12	-0.2	60	56	-2	WSW	1	bm	1	bm, bm	69	50	12.8	-	
	Portland Bill ...	30.15	58	E	1	c	30.09	-0.7	56	51	-1	NW	3	bc	1	c	62	51	*	-	
	Dungeness ...	30.14	59	E	3	bc	30.06	-10	55	52	-6	NW	2	b	1	b, bc	64	43	*	-	
	Wick ...	29.95	54	S	3	bc	29.67	-43	52	51	0	S	1	o	1	bc, r	58	50	*	0.12	
	Nairn ...	29.98	58	W	2	bc	29.71	-41	54	53	+3	SW	1	r	1	-	64	49	*	0.12	
	Aberdeen ...	30.00	57	SW	2	bc	29.76	-39	54	51	+2	SSW	2	og	1	bc, r	58	48	3.4	0.06	
	Leith ...	30.04	60	WSW	2	c	29.78	-36	56	53	+3	SW	3	o	*	-	65	52	*	0.07	
North Shields ...	30.07	60	SW	2	bc	29.88	-27	52	50	0	SW	3	r	2	o, bc	61	45	*	0.01		
FRANCE.	Spurn Head ...	30.15	58	SE	4	c	30.00	-20	54	51	-4	SW	2	o	1	-	61	50	*	-	
	Yarmouth ...	30.15	60	ENE	2	bc	30.03	-15	57	52	-1	SSW	2	bm	2	b, bc	62	49	*	-	
	Loughborough ...	30.13	63	SSE	1	bc	30.02	-20	54	50	+2	S	1	om	*	c, bc, om	67	48	*	-	
	Oxford ...	30.14	58	SW	2	c	30.05	-15	52	50	-3	WSW	2	c	*	c, f	64	46	*	-	
	London (Brixton) ...	30.13	62	ENE	2	bc	30.05	-15	56	53	+1	W	1	bc	*	bc, b	66	45	0.2	-	
	The Scaw (Skagor) ...	30.00	57	W	1	b	30.00	+0.7	53	50	-4	SW	2	o	0	-	66	50	*	-	
	Fanö ...	30.12	53	WNW	3	o	30.06	-0.1	55	50	0	Z	0	b	*	-	61	48	*	-	
	Cuxhaven ...	30.23	59	NW	2	b	30.07	-0.5	54	51	-1	WSW	2	c	*	-	59	52	*	-	
The Helder ...	30.14	59	NNE	1	b	30.04	-13	60	55	+1	E	1	b	0	-	63	52	*	-		
SPAN. PEN.	Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
	Berlin ...	30.13	60	WNW	1	b	30.07	-0.4	58	53	+3	E	1	bc	*	-	64	52	*	-	
	Frankfurt ...	30.04	64	ENE	2	c	29.95	-16	53	51	-4	NNE	2	r	*	-	72	53	*	0.08	
	Munich ...	30.12	60	SE	2	c	30.07	-0.6	58	58	0	W	2	o	*	-	66	55	*	0.55	
	C. Gris Nez ...	30.15	59	NE	4	b	30.08	-11	59	53	+3	NNE	2	b	2	-	72	54	*	-	
	Brest ...	30.15	64	NE	3	bc	30.17	+0.4	55	51	+1	NE	2	b	1	-	72	52	*	-	
	Lorient ...	30.08	66	NE	4	b	30.14	+0.3	55	55	0	NE	4	b	2	-	72	52	*	-	
	Rochefort ...	29.97	75	NE	3	c	30.03	+0.3	59	56	-2	NNE	4	b	*	c	82	55	*	-	
Biarritz ...	30.01	68	W	2	o	30.03	+0.1	67	63	+3	N	3	c	2	-	70	64	*	-		
SPAN. PEN.	Paris ...	30.02	68	N	3	bc	30.03	-0.6	57	53	0	NNW	3	b	*	-	73	51	*	-	
	Belfort ...	29.92	64	ENE	6	m	29.94	-0.7	57	57	+1	S	8	r	*	-	70	56	*	0.87	
	Lyons ...	29.91	74	ESE	1	rlt	29.96	-0.5	62	59	-4	E	1	r	*	rlt	82	60	*	0.59	
	Nice ...	30.04	72	Z	0	bc	29.94	-13	71	58	-1	WSW	2	bc	2	-	?	64	*	-	
	Perpignan ...	29.88	73	NE	4	c	29.87	-11	69	65	-2	W	3	c	*	-	79	63	*	-	
SPAN. PEN.	Corunna ...																		*	-	
	Lisbon ...																		*	-	
	Azores (P. Delgada) ...																		*	-	

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, 2nd August, 1902

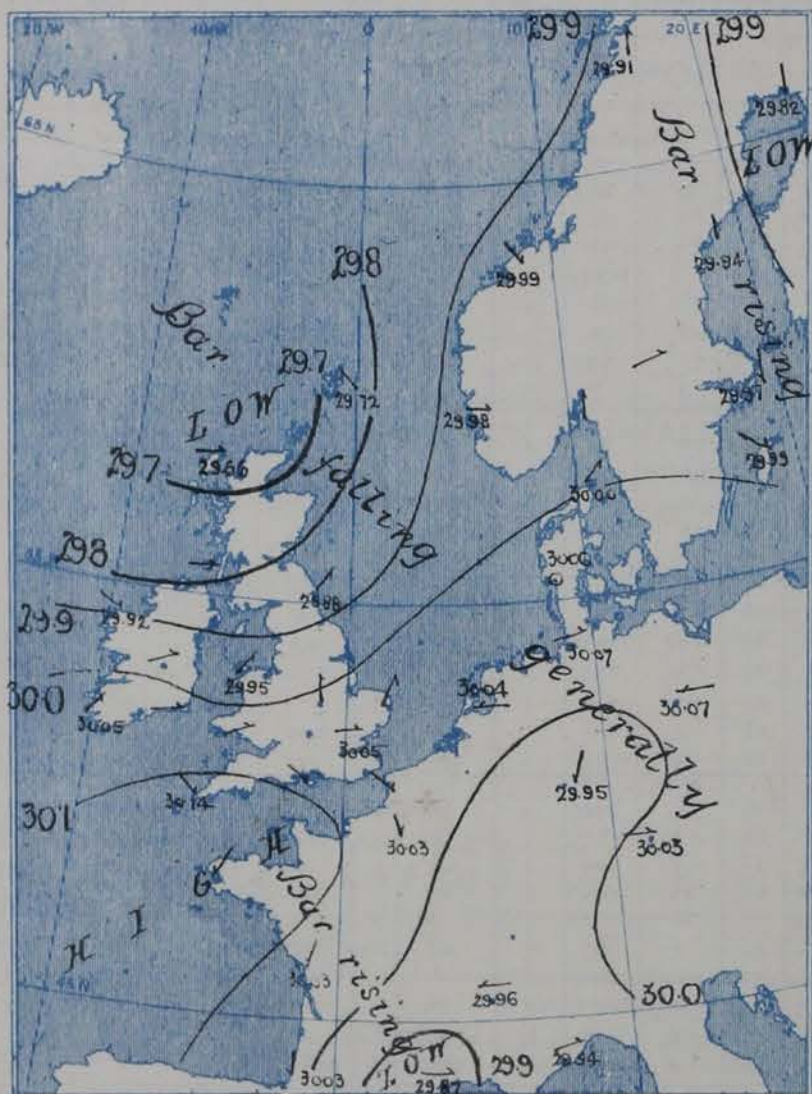
I. BAROMETER, WIND AND SEA. This Morning.

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 :

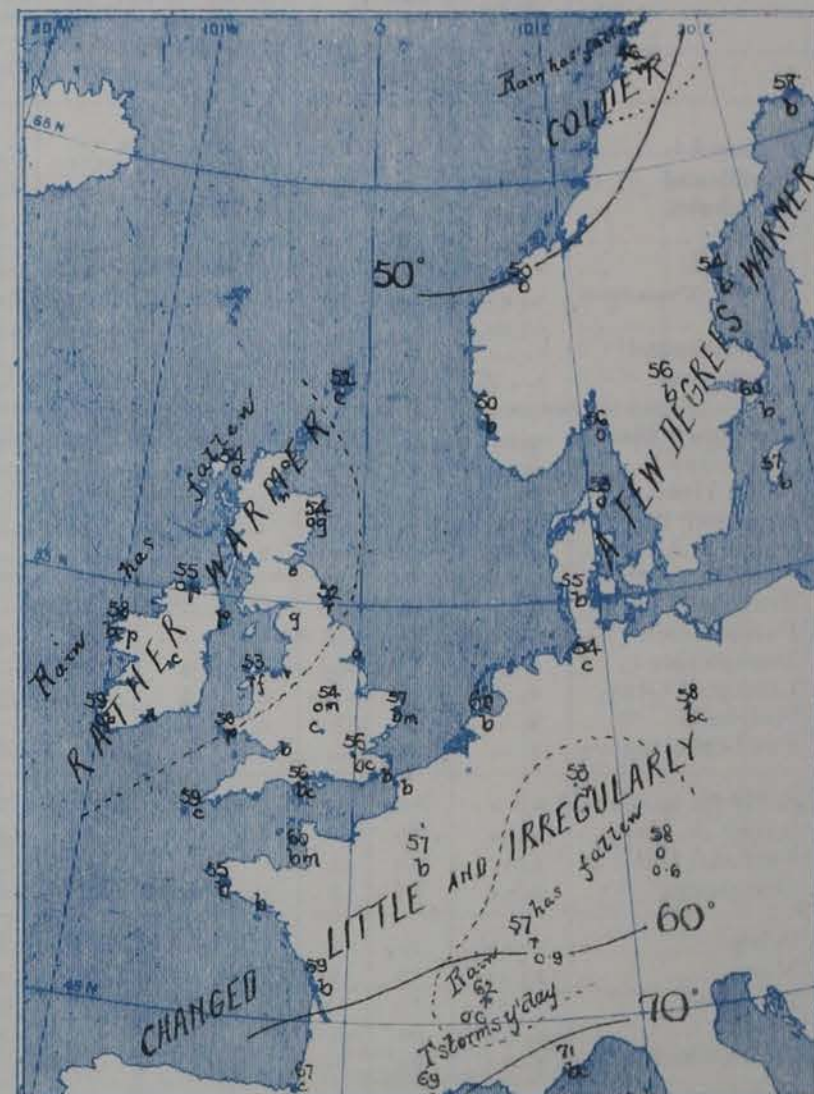


II TEMPERATURE AND WEATHER. This Morning

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 AUGUST.

Specimen (for Stornaway) { Average No of } 4.2
{ Hours daily }
{ Total Possible } 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JULY-AUGUST (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure has again increased over Sweden and the Baltic, but has decreased elsewhere, most at our own north-western stations. A well-formed, but shallow depression has reached Scotland from the westward, and readings vary from 30.17 in. at Brest and 30.00 in. at the Scaw, to 29.66 in. at Stornoway. Over Germany also there seems to be a very shallow disturbance, the barometer at Frankfurt being as low as 29.95 in. and a deeper system (29.87 in.) near Perpignan.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is W^{ly} to S^{ly} over the United Kingdom and light in force at our southern stations, moderate in the west and north. In Sweden it is faint from N. and in the west of France there is a slight breeze from N.E. Temperature in our islands has risen, especially over central Ireland; it varies from 59° at Scilly to 52° in several parts of Great Britain. The northern and eastern stations are still rather cold for the time of year. At Bodø the temperature is 46°, but at Stockholm 60°; central Europe is cold for August. The weather is fine in the north of France and the east and south-east of England, but dull in Ireland, Wales and Scotland, with rain at several stations. A solar halo is visible at Oxford. The sea is smooth or slight except at Valencia.

During yesterday the highest maximum temperature at our own stations was 69° at Jersey; in England the night was cold. At Frankfurt the maximum was 72° and at Rochefort 82°. Bright sunshine was abundant over the south-west and south coasts, but London had only 0.2 hr. Rain fell very generally over the northern and western parts of the Kingdom.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression in the north and its secondary are likely to cause some rain generally and rather cool weather. There is no indication of really "settled" weather yet.

N.B. The Daily Weather Report for Monday, 4th August, will not be issued till Tuesday, 5th August.

FORECASTS *

For the 24 hours ending at NOON on 3rd August, 1902

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

S.W^{ly} to N.W^{ly} breezes, rather fresh. Rain at times.

S^{ly} to W^{ly} winds, moderate; occasional rain

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

S.W^{ly} to N.W^{ly} winds, moderate to fresh; showery, cooler.

WARNINGS

At 7.10 p.m. yesterday, to districts 0, 6 and parts of 1 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.	Temperature		Sun-	Rainfall
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max.	Min.	shine.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	b	*	b, bcw	62	45	9.7	-
Newton Reigny (Penrith) ...	30.03	56	WSW 1	bc	29.87 -30	52	50	+2	S 2	og	*	c, or	63	44	7.7	0.07
Bath	30.15	56	NE 1	r	30.06 -12	55	55	+2	SW 1	b	*	-	64	46	1.0	0.02

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	61	46	o, c	2.6	-	Worthing	*	*	*	2.9	*
Birmingham, 9 p.m. ...	63	48	o	3.3	-	Llandudnou up to 6 p.m. ...	*	*	*	10.0	*
Lowestoft, up to 6 p.m. ...	59	46	c	9.9	-	Rhyl up to 6 p.m. ...	*	*	*	9.5	*
Hastings	*	*	*	11.6	*	Southport, 9 p.m. ...	61	48	o, bcw	10.1	-
Eastbourne up to 6 p.m. ...	*	*	*	8.8	*	Manchester, 9 p.m. ...	68	44	c, o	6.5	-
Brighton	*	*	*	4.3	*	Darwen, 9 p.m. ...	61	45	ow	7.4	-

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.				at 1 p.m.	°		
1 Aug. 02				Ins.	31. VII. 02			1 p.m.	Ins.
Marseilles	86	63	c c	-	Geneva	82		bc	-
Utrecht	66	45	c c	0.04	Berne	82		o	-
Copenhagen	59	59	o c	0.12	Lucerne	79		b	-
Prague	77	55	o o	0.04	Lausanne	?		?	-
Vienna	79	63	bcw o	0.24	Lugano	81		b	-
Buda-Pesth	79	63	bcw o	0.24	Locarno	?		?	-
St. Petersburg	70	52	c c	-					
Rome	87	62	b c	-					
Malta	84	75	?	c					
Madeira (Funchal)	84	75	?	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.

	Hours of Morning Observations by Local Standard Time.		Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.		Corresponding Greenwich Times.	2 VIII. 1902.	Sunrise G.M.T.		Noon G.M.T.		Sunset G.M.T.	
								h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.		6 p.m. (W.E.T.)†	6 p.m.		Yarmouth	4.15	11.59			7.43	
Germany, Denmark, Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.		8 p.m. (M.E.T.)	7 p.m.		Greenwich	4.26	12.6			7.46	
France	7 a.m. (Paris)	6.51 a.m.		6 p.m. (Paris)	5.51 p.m.		Wick	4.6	12.18			8.30	
Spain	9 a.m. (San Fernando)	9.25 a.m.		6 p.m. (San Fernando)	6.25 p.m.		Valencia	5.5	12.47			8.30	
Portugal	8 a.m. (Lisbon)	8.36 a.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.

† Except at Oxford, where the observations are taken at 5 p.m.

DAILY WEATHER REPORT

for 8 a.m. on SUNDAY 3RD AUGUST

1902

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 3 ¹ / ₂ and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 8 ¹ / ₂ 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 ...	29.85	55	W	4	bc	29.91	+0.9	58	52	0	N	4	b	*	-	68	74.8	*	-
		Hernösand ...	29.91	54	S	2	b	29.94	-0.0	56	50	+2	Z	0	b	*	-	66	50	*	-
		Stockholm ...	29.93	57	S	2	b	29.91	-0.6	62	57	+2	W	2	bc	*	-	66	50	*	-
		Wisby ...	29.97	56	S	2	b	29.93	-0.6	56	52	-1	W	2	bc	*	-	61	50	*	-
		Karlstad...	29.97	56	WSW	2	b	29.97	-0.0	53	49	-3	WSW	2	b	*	-	-	*	*	-
		Färder (X'iania Fjord)	29.93	56	S	4	o	29.92	-0.5	58	53	+2	SW	2	bc	1	-	56	54	*	-
		Bodö ...	29.97	48	SW	4	o	29.99	+0.8	49	47	+3	S	2	c	1	-	49	45	*	-
		Christiansund	29.95	53	N	2	c	29.93	-0.6	53	50	+3	ENE	6	o	3	-	54	50	*	-
		Skudesnaes ...	29.93	54	S	4	o	29.87	-1.1	53	50	+3	SE	4	o	2	m.o	55	50	*	*
BRITISH ISLANDS.		Sumburgh Head	29.68	53	SE	3	c	29.68	-0.4	52	52	0	E	1	m	3	t.c	55	51	*	0.04
		Stornoway ...	29.66	54	SW	2	r	29.68	+0.2	50	49	-4	NW	6	t	6	o,t	63	48	2.4	0.25
		Malin Head ...	29.75	54	NW	5	op	29.80	+0.1	53	52	-2	NNW	5	o	4	op	58	51	*	0.09
		Blacksod Pt. ...	29.91	58	NNW	4	cp	29.90	-0.2	55	53	-3	NNW	4	c	3	cp	61	52	*	0.06
		Valencia...	29.99	60	WSW	4	c	29.97	-0.8	58	55	-1	W	1	bc	3	op,c	61	54	2.3	0.02
		Roche's Point ...	29.95	61	NNW	3	cp	29.95	-0.9	58	55	+1	NNW	2	c	1	o,cp	64	53	*	-
		Parsonstown ...	29.88	61	W	3	bc	29.90	-0.5	56	53	-1	W	3	o	*	bc	64	53	7.6	-
		Donaghadee ...	29.79	57	NNW	2	cp	29.81	-0.5	54	52	-1	NW	3	otg	3	-	63	51	*	0.15
		Liverpool Obsy.	29.82	60	W	2	cp	29.82	-1.4	56	53	+4	W	4	o	4	op	63	52	*	0.04
		Holyhead ...	29.83	58	SW	2	cp	29.85	-1.0	55	53	+2	W	4	o	3	cp	61	52	*	0.08
		Pembroke (St. Ann's)	29.90	58	WSW	5	o	29.91	-1.2	56	55	0	W	4	cgw	4	-	60	55	1.8	0.03
		Scilly (St. Mary's)...	30.04	60	NNW	4	cp	29.99	-1.5	59	57	0	W	4	op	2	c,cp	63	56	4.7	0.13
		Jersey (St. Aubins)...	30.09	61	NNW	4	bc	30.02	-1.0	61	57	+1	W	4	p	3	b, bc	64	58	7.9	0.10
		Portland Bill ...	30.00	59	WSW	4	c	29.94	-1.5	58	55	+2	NNW	5	o	3	c	62	55	*	-
		Dungeness ...	29.96	61	W	6	b	29.90	-1.6	62	59	+7	W	6	bc	3	bc,b	65	55	*	-
		Wick ...	29.65	58	S	1	b	29.67	-0.0	52	52	0	Z	0	t	0	-	62	49	*	0.50
		Nairn ...	29.63	56	W	2	r	29.67	-0.4	55	53	+1	SW	2	cp	1	-	63	50	*	0.13
		Aberdeen ...	29.66	55	NW	1	cp	29.67	-0.9	55	52	+1	NNW	2	op	1	bc,cp	61	49	2.9	0.07
		Leith ...	29.69	60	WSW	3	c	29.69	-0.9	57	53	+1	WSW	2	c	2	-	64	49	*	0.01
		North Shields ...	29.74	60	SW	3	c	29.71	-1.7	59	54	+7	W	3	c	2	t,c,p,c	62	50	*	0.16
		Spurn Head ...	29.82	57	SW	4	p	29.78	-2.2	58	55	+4	NNW	5	bc	3	-	62	53	*	0.06
		Yarmouth ...	29.91	60	S	4	c	29.75	-2.8	58	55	+1	NNW	4	c	3	cp,c	61	54	*	0.30
		Loughborough ...	29.86	62	SW	4	c	29.84	-1.8	58	53	+4	W	4	cgw	*	c,clp	63	53	*	0.06
		Oxford ...	29.91	57	SW	2	o	29.88	-1.7	60	55	+8	W	3	b	*	op	64	52	*	0.01
		London (Brixton)	29.94	63	W	3	c	29.88	-1.7	58	54	+2	W	2	c	*	c,p	69	54	3.0	0.10
GERMANY, &c.		The Scaw (Skagen)	29.99	53	Z	0	c	29.94	-0.6	57	54	+4	SSE	1	c	0	-	61	48	*	-
		Fanö ...	29.97	49	Z	0	bc	29.89	-1.7	58	56	+3	SE	2	c	*	-	63	48	*	-
		Cuxhaven ...	29.98	60	N	1	c	29.91	-1.6	56	53	+2	S	2	b	*	-	63	54	*	-
		The Helder ...	29.91	61	NW	1	bc	29.80	-2.4	57	56	-8	SSW	2	t	1	-	66	52	*	0.39
		Brussels...	*	*	*	*	*	29.93	-0.6	56	54	*	SW	4	t	*	-	62	49	*	0.04
		Berlin ...	29.95	54	NE	3	r	29.95	-1.2	59	55	+1	NW	1	b	*	-	64	52	*	0.32
		Frankfurt ...	29.96	58	E	2	o	29.96	+0.1	55	53	+2	SE	1	o	*	-	66	53	*	0.23
		Munich ...	29.98	60	SW	2	o	30.01	-0.6	55	55	-3	W	3	o	*	-	70	54	*	0.43
FRANCE.		C. Gris Nez ...	30.02	60	WSW	4	b	29.92	-1.6	59	57	0	WSW	5	bc	5	-	72	57	*	-
		Brest ...	30.14	64	NW	2	bc	30.06	-1.1	60	60	+5	W	2	c	2	-	66	55	*	-
		Lorient ...	30.09	63	NW	5	b	30.09	-0.5	60	58	+5	NNW	4	c	2	-	72	55	*	-
		Rochefort ...	30.05	66	NW	5	bc	30.09	+0.6	61	57	+2	N	4	c	*	b, bc	75	55	*	-
		Biarritz ...	30.17	68	NW	3	bc	30.18	+1.5	64	59	-3	Z	0	bc	1	-	70	59	*	-
		Paris ...	30.01	66	NNW	4	b	30.05	+0.2	53	50	-4	S	2	o	*	-	71	47	*	-
SPAN. PEN.		Belfort ...	29.89	58	S	4	t	30.00	+0.6	54	53	-3	W	5	m	*	-	67	52	*	0.35
		Lyons ...	30.00	59	ESE	1	f	30.08	+1.2	60	54	-2	NNW	2	b	*	r,t,f	65	54	*	0.95
		Nice ...	29.80	74	E	3	b	29.73	-2.1	73	67	+2	Z	0	b	2	-	88	64	*	0.71
		Perpignan ...	29.96	70	N	4	o	30.08	+2.1	66	55	-3	NW	4	b	*	-	80	61	*	-
		Corunna ...	30.20	64	N	4	b	30.13	-0.2	54	52	-4	N	1	f	2	-	64	50	*	-
		Lisbon ...	30.06	67	NNW	5	b	30.04	-0.2	68	62	+1	? N	3	b	*	-	77	67	*	-
		Azores (P. Delgada)	30.27	67	WSW	1	b	30.21	-0.9	69	64	+3	W	2	c	1	-	73	64	*	-

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, 3rd August. 1902*

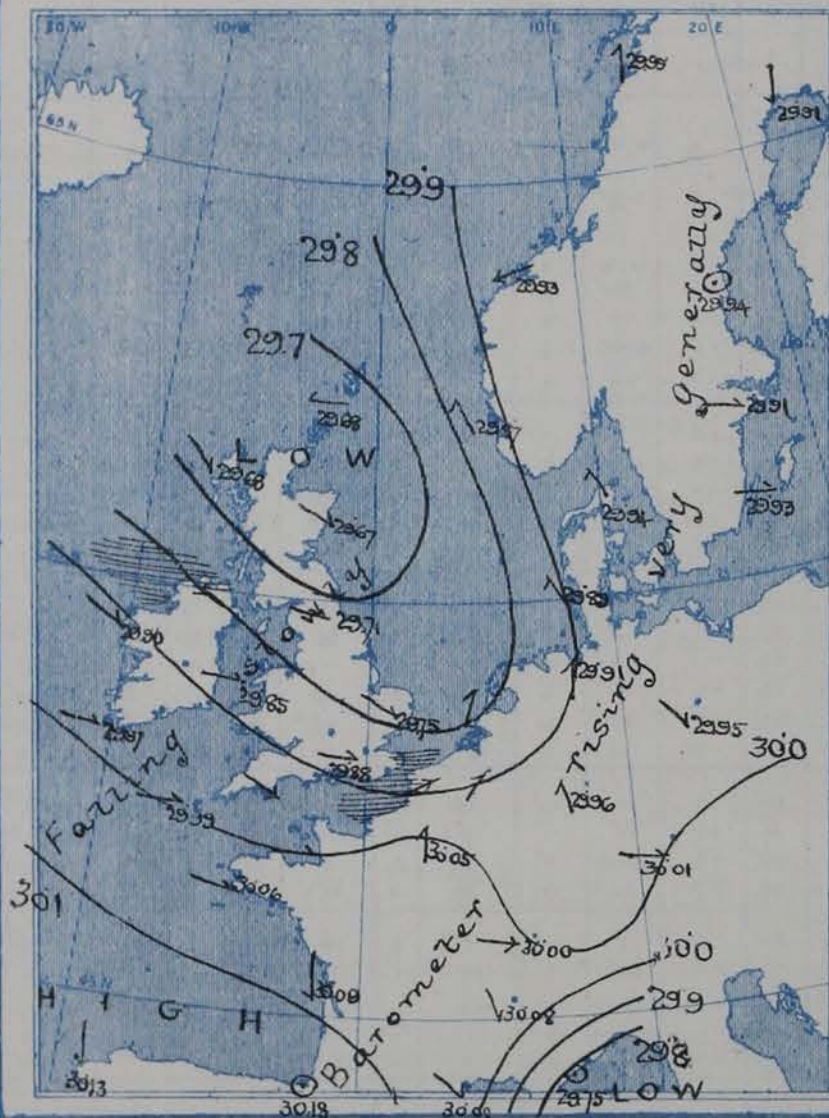
I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force above 10 \rightarrow : Force 5 to 7 \rightarrow : } Calm \odot
Force 8 to 10 \rightarrow : Force 1 to 4 \rightarrow :

SEA.—Rough \equiv : High \equiv



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—0.8



III BAROMETER AND WIND

Yesterday morning.



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

Specimen (for Stornaway) { Average No of Hours daily } 4.2
{ Total Possible } 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JULY-AUGUST (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is highest, 30.1 ins. and above, over the Bay of Biscay, the southwest of France, and the north of Spain, and lowest, 29.7 ins. and less, in a cyclonic system over Scotland; it is also low 29.73 ins. in another disturbance near Nice. Pressure is falling somewhat in most localities, but increasing over the west of France.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind circulates around the Scotch disturbance, being fresh or strong from the Northward in the northwest, moderate or light from the Westward in the more southern districts, light from the Southward on the eastern shores of the North Sea, and from the Eastward in the west of Norway, and at Sunning Head. Temperature continues below the normal both over our Islands and the major portion of the Continent. It ranges from 73° at Nice, 66° at Perpignan, and 62° at Dungeness and Stockholm, to less than 60° over Germany, the North of France, the greater part of the United Kingdom, and Scandinavia. The lowest reading, 49°, is at Bodø, but the thermometer is only 53° at Paris, and 52° in the northeast of Scotland.

The weather is cloudy or dull as a whole, but fine at several French stations and in Sweden. Rain is falling in Scotland, at Donaghadee, and the Netherlands, and showers at Bally and Jersey. The sea is rough in the Minch, rather so at Cape Gris-Nez, moderate to smooth elsewhere.

Temperature during yesterday again failed to touch 70° over our Islands, and scarcely exceeded 60° on some parts of our western and northern coasts. Rain was experienced at nearly all our own stations and also over Germany, the Netherlands, and the southeast of France; at Wick the fall amounted to 0.5 in., at Nice to 0.7 in., and at Lyons to 0.95 in. Thunderstorms occurred at the last named station, and also over Central England. A considerable quantity of bright sunshine was registered at some southern stations, and at Parsonstown.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 4th August 1902

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

WARNINGS

None issued

The 'South Cone' is still flying in districts 0, 6, and parts of 1 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- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	bc	*	bc	65	55	6.5	0.04
Newton Reigny (Penrith)																	
Bath	29.94	60	SE 3	0	29.91	-1.5	60	55	+5	W 3	0	*	-	63	55	2.0	0.12

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	61	43	c	0.2	0.09	Worthing	*	*	*	9.3	*
Birmingham, 9 p.m. ...	63	47	o	2.0	0.02	Llandudno	*	*	*	2.7	*
Lowestoft, up to 6 p.m. ...						Rhyl up to 6 p.m. ...	*	*	*		*
Hastings	*	*	*	12.1	*	Southport, 9 p.m. ...	62	47	op	1.5	0.22
Eastbourne up to 6 p.m. ...	*	*	*		*	Manchester, 9 p.m. ...					
Brighton	*	*	*		*	Darwen, 9 p.m. ...					

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

STATIONS. 2 nd AUGUST	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 1 st AUGUST	TEMPERATURE, F. at 1 p.m.	WEATHER. at 1 p.m.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	86	75	c, bc	Ins.	Geneva	66	r	0.04
Utrecht	68	48	c, c	-	Berne	63	o	0.20
Copenhagen	61	52	o, o	-	Lucerne	63	c	0.08
Prague	64	55	o, o	-	Lausanne	?	?	0.28
Vienna	75	57	o, o	-	Lugano	75	o	0.08
Buda-Pesth	hot	received			Locarno	?	?	?
St. Petersburg	61	50	r, c	0.28				
Rome	88	65	b, b	-				
Malta	84	75	b	-				
Madeira (Funchal)	hot	received						

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

2 nd AUGUST 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.17	11.59	7.41
Greenwich	4.23	12.6	7.44
Wick	4.9	12.18	8.27
Valencia	5.7	12.47	8.28

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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

MONDAY 4TH AUGUST

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall Ins.		
		At 82° and M.S.L.	Ins.	Dry Bulb.	Direc.		Force (0 to 12.)	Weather.	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.			Force (0 to 12.)	Weather.			Max.	Min.
SCANDINAVIA.	Haparanda ...	29.93	56	W	2	b	29.94	+0.3	61	56	+3	NE	2	b	*	-	70	50	*	-		
	Hernösand ...	29.92	52	Z	0	b	29.89	-0.5	55	52	-1	Z	0	b	*	-	66	43	*	-		
	Stockholm ...	29.89	58	Z	0	o	29.85	-0.6	59	57	-3	SSW	2	f	*	-	68	52	*	0.04		
	Wisby ...	29.89	57	W	2	b	29.86	-0.7	57	53	+1	W	2	b	*	-	61	46	*	-		
	Karlstad ...	29.89	59	Z	0	bc	29.84	-1.3	57	54	+4	ENE	2	r	*	-	*	*	*	-		
	Færder (X'ania Fjord) ...	29.88	59	WSW	1	b	29.83	-0.9	56	52	-2	NNE	2	b	1	-	61	55	*	-		
	Bodö ...	30.01	49	N	1	b	30.00	+0.1	49	46	0	N	2	bc	1	-	54	46	*	-		
	Christiansund ...	29.95	52	NNE	1	c	29.92	-0.1	51	49	-2	NNE	4	o	3	-	57	50	*	-		
BRITISH ISLANDS.	Skudesnaes ...	29.87	55	SSW	2	o	29.82	-0.5	55	54	+2	NNE	2	b	2	o	57	?	*	*		
	Sumburgh Head ...	29.74	53	E	2	m	29.83	+1.5	51	50	-1	NE	3	o	4	o,m	55	50	*	0.15		
	Stornoway ...	29.76	55	E	3	o	29.84	+1.6	53	53	+3	NE	1	o	1	o,p,o	59	48	0.3	0.07		
	Malin Head ...	29.83	52	WNW	4	bc	29.83	+0.3	56	54	+3	N	1	b	1	bc	56	49	*	0.12		
	Blacksod Pt. ...	29.91	56	N	3	c	29.88	-0.2	52	50	-3	WSW	3	cp	2	bc,c	59	44	*	0.01		
	Valencia ...	29.92	59	W	1	o	29.83	-1.4	60	56	+2	NE	1	bc	3	o	64	51	3.1	-		
	Roche's Point ...	29.91	60	W	2	o	29.86	-0.9	58	54	0	SE	1	bc	1	o	63	51	*	0.02		
	Parsonstown ...	29.88	58	W	2	c	29.90	-0.0	53	48	-3	NW	1	b	*	cg,c	62	47	0.5	-		
GERMANY, &c.	Donaghadee ...	29.84	56	N	3	bc	29.86	+0.5	54	51	0	NNW	3	bc	3	-	58	45	*	0.10		
	Liverpool Obsy. ...	29.83	57	W	4	p	29.87	+0.5	57	52	+1	Z	0	b	1	bc,p	61	51	*	0.09		
	Holyhead ...	29.85	57	WSW	2	cp	29.86	+0.1	59	54	+4	SE	1	bc	1	c,cp	61	47	*	-		
	Pembroke (St. Ann's) ...	29.90	58	WSW	3	c	29.85	-0.6	55	54	-1	W	1	cgdp	2	-	59	53	1.3	0.01		
	Scilly (St. Mary's) ...	29.98	61	WSW	2	op	29.87	-1.2	59	57	0	SW	1	op	3	o,op	65	57	1.8	0.20		
	Jersey (St. Aubins) ...	30.02	62	WSW	4	bc	29.95	-0.7	61	58	0	SW	3	c	3	bc,p,bc	65	58	7.3	0.02		
	Portland Bill ...	29.96	60	WSW	4	c	29.92	-0.2	58	56	0	WSW	2	c	2	bc,c	63	56	*	-		
	Dungeness ...	29.92	62	W	6	c	29.92	+0.2	59	58	-3	W	4	op	3	b,c	69	56	*	0.02		
FRANCE.	Wick ...	29.73	55	Z	0	o	29.80	+1.3	54	52	+2	E	1	om	1	-	59	50	*	0.15		
	Nairn ...	29.72	56	Z	0	c	29.80	+1.3	51	51	-4	SW	1	op	1	-	59	49	*	0.40		
	Aberdeen ...	29.72	52	NW	2	org	29.78	+1.1	54	52	-1	NNW	2	og	1	org	57	50	0.2	1.01		
	Leith ...	29.72	58	W	2	o	29.79	+1.0	57	53	0	W	1	cm	*	-	65	50	*	0.07		
	North Shields ...	29.72	56	W	3	t	29.79	+0.8	52	50	-7	W	3	op	2	p,t	65	46	*	0.18		
	Spurn Head ...	29.79	59	WSW	4	c	29.82	+0.4	54	52	-4	WSW	5	b	3	-	64	51	*	-		
	Yarmouth ...	29.83	63	W	3	c	29.85	+1.0	59	55	+1	W	3	bc	3	bc,c	64	51	*	0.02		
	Loughborough ...	29.85	58	W	1	o	29.87	+0.3	57	52	-1	WNW	1	bcw	*	c,op,bc	63	51	*	0.04		
SPAN. PEN.	Oxford ...	29.91	59	WSW	3	o	29.89	+0.1	57	55	-3	SW	3	od	*	bc,o,od	64	53	*	-		
	London (Brixton) ...	29.90	63	W	2	o	29.91	+0.3	58	55	0	WSW	2	odp	*	bc,c,b,o	67	53	4.2	-		
	The Scaw (Skagen) ...	29.89	59	E	1	c	29.82	-1.2	59	57	+2	SE	1	bc	0	-	64	54	*	-		
	Fanö ...	29.83	57	S	2	t	29.77	-1.2	58	55	0	S	2	c	*	-	66	54	*	0.14		
	Cuxhaven ...	29.84	57	S	1	t	29.84	-0.7	57	55	+1	SSW	2	c	*	r,t,t	64	55	*	0.24		
	The Helder ...	29.84	59	WSW	2	c	29.84	+0.4	60	56	+3	W	2	c	2	-	64	55	*	0.08		
	Brussels ...	*	*	*	*	*	29.96	+0.3	56	55	0	WSW	4	t	*	-	68	51	*	0.04		
	Berlin ...	29.92	60	SSW	2	b	29.93	-0.2	59	57	0	SSW	1	c	*	-	66	52	*	-		
SPAN. PEN.	Frankfurt ...	29.97	64	SW	2	c	30.01	+0.5	59	55	+4	SW	2	c	*	-	72	55	*	-		
	Munich ...	30.10	57	SW	4	b	30.13	+1.2	57	53	+2	E	3	b	*	-	63	48	*	0.04		
	C. Gris Nez ...	29.97	59	SW	6	bc	29.97	+0.5	58	57	-1	WSW	4	o	4	-	66	55	*	0.08		
	Brest ...	30.06	66	WSW	2	c	29.90	-1.6	58	55	-2	S	1	o	2	-	70	57	*	-		
	Lorient ...	30.05	64	WNW	3	c	29.97	-1.2	59	58	-1	SW	3	t	2	-	72	57	*	0.47		
	Rochefort ...	30.09	66	NW	3	c	29.97	-1.2	62	57	+1	E	2	c	*	c	72	55	*	-		
	Biarritz ...	30.09	69	NE	3	c	29.97	-2.1	67	61	+3	Z	0	bc	0	-	72	57	*	-		
	Paris ...	30.02	63	W	2	o	30.00	-0.5	59	56	+6	S	1	o	*	-	70	53	*	0.08		
SPAN. PEN.	Belfort ...	30.04	60	W	2	m	30.03	+0.3	56	54	+2	Z	0	m	*	-	66	49	*	-		
	Lyons ...	30.07	67	ENE	1	b	30.06	-0.2	60	53	0	ESE	1	b	*	-	73	53	*	-		
	Nice ...	29.83	75	E	1	b	29.92	+1.9	67	64	-6	SW	1	bc	1	-	82	61	*	-		
	Perpignan ...	30.02	75	NW	2	b	30.01	-0.7	66	62	0	Z	0	b	*	-	82	56	*	-		
SPAN. PEN.	Corunna ...	30.01	64	NNW	5	b	30.01	-0.3	66	58	-2	NNE	4	b	*	-	81	59	*	-		
	Lisbon ...	30.16	69	WNW	2	bc	30.07	-1.4	70	65	+1	SW	5	b	4	-	75	66	*	-		

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, 4th August, 1902

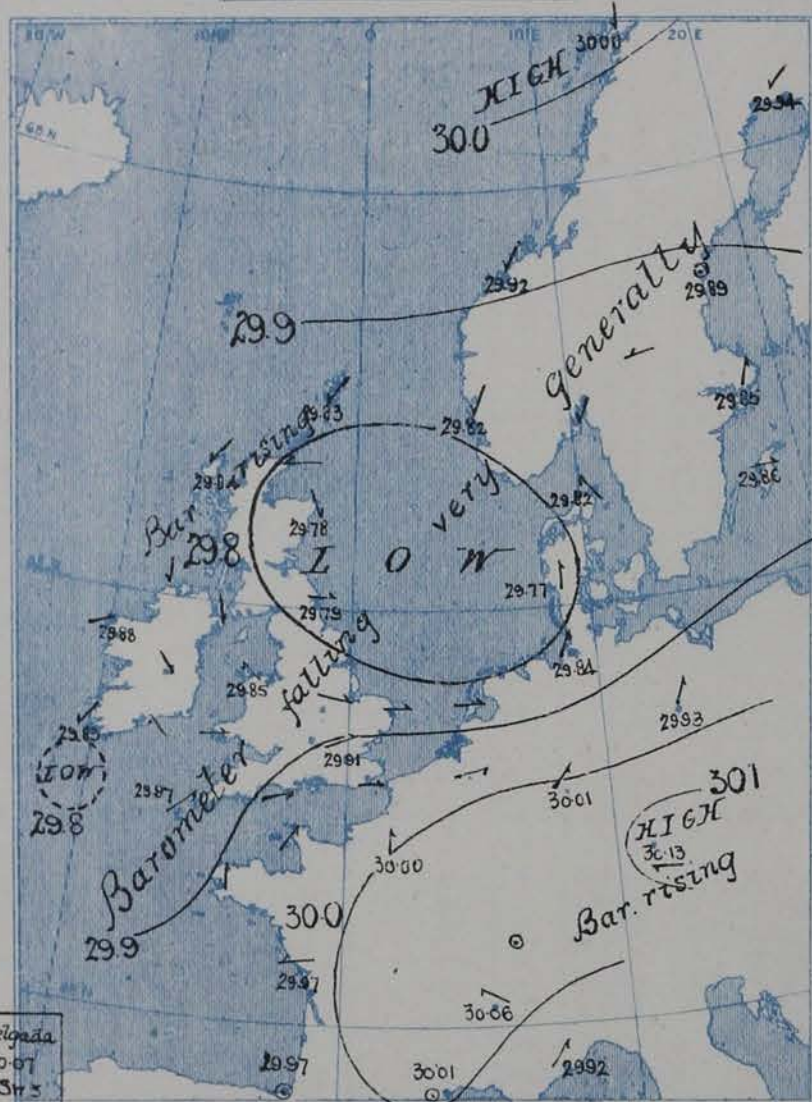
I. BAROMETER, WIND AND SEA. This Morning

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 AUGUST.

Specimen (for Stornaway) { Average No of Hours daily } 4.2
Total Possible 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JULY-AUGUST (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure over our area has become complex and the changes now in progress are very irregular. The highest readings, 30.1 ins and upwards, are found over South Germany, but the mercury is nearly as high in Lapland. The lowest values, 29.8 ins and less, are shown in a large shallow disturbance extending from the East of Scotland across the North Sea to Denmark, and in a smaller system which is advancing towards our Islands from the South Westward.

WIND

TEMPERATURE

WEATHER

AND

SEA

The winds, which are mostly very light in force, show two cyclonic circulations:— the more perfect around the low pressure area over the North Sea and the other on our extreme South West coasts. Temperature continues low for the time of year in almost all parts of our area.

Over our Islands it ranges from 60° at Valencia and 61° at Jersey to little more than 50° at our Northern and North Eastern stations and also over Central Ireland, while the continental readings vary from about 67° in the extreme South of France to less than 60° in the North of that country and over Germany, Denmark, and the greater part of Scandinavia to 49° at Bodo.

At Haparanda, however, the thermometer stands at 61°. The weather varies greatly in different districts: in many parts of Ireland and England it is temporarily fair, but showers prevail over our Southern and Eastern counties as well as at Blacksod Point and Nairn.

In most continental localities it is fair, but rain is falling at Lorient, Brussels, and Karlstad and fog prevails at Stockholm. The sea is slight or smooth.

More than an inch of rain has fallen at Aberdeen and smaller amounts in most parts of our Islands, Denmark, the Netherlands and Brittany; at the mouth of the Elbe a thunderstorm has been experienced. The highest temperature recorded in our Islands yesterday was 69° at Dungeness. At many Irish and Scotch stations the maxima were below 60°. Bright sunshine was very little prevalent except on our South East coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Both the cyclonic systems noticed above are likely to move Eastwards, and the smaller disturbance may be expected to cause a continuance of unsettled weather, with rain at times over all our more Southern districts.

FORECASTS *

For the 24 hours ending at NOON on 5th August 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	E ^{ly} and N ^{ly} winds, light; cloudy or dull, Some rain, cool.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	N ^{ly} and NW ^{ly} to variable winds dull, some rain.
3	{ ENGLAND EAST	W ^{ly} to S ^{ly} or SE ^{ly} winds, light or moderate: Very unsettled, rainy, cool.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as N ^{os} 0 and 1.
7	{ ENGLAND N.W.	Variable to E ^{ly} winds, light: fair to unsettled and rainy, cool.
8	{ ENGLAND S.W.	S ^{ly} and SE ^{ly} winds, light or moderate rain at times, cool.
9	{ IRELAND NORTH	{ N ^{ly} and E ^{ly} winds, light to moderate: cool, changeable, some rain.
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	*	*	*	*	*	*	*	*	*	*	bc	*	c, b	69	53	4.8	0.04
Newton Reigny (Penrith)	29.76	56	W 3	bc	29.82		53	49		NW 1	o	*	cp, og	60	43	4.5	0.02
Bath	29.91	62	W 3	bc	29.89	-0.2	58	56	-2	W 1	o	*	-	64	55	6.7	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	63	50	c	6.3	0.05	Worthing	*	*	*	5.4	*
Birmingham, 9 p.m. ...	61	52	c	2.7	0.02	Llandudno up to 6 p.m. ...	*	*	*	0.7	*
Lowestoft, up to 6 p.m. ...				3.9		Rhyl up to 6 p.m. ...	*	*	*	2.0	*
Hastings	*	*	*	7.6	*	Southport, 9 p.m. ...	61	53	ot, c	2.6	0.12
Eastbourne up to 6 p.m. ...	*	*	*	7.8	*	Manchester, 9 p.m. ...					
Brighton up to 6 p.m. ...	*	*	*	4.8	*	Darwen, 9 p.m. ...	59	50	ou	7.4	0.15

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

STATIONS. 3 rd AUGUST	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 2 nd AUGUST	TEMPERATURE, F. at 1 p.m. °	WEATHER. at 1 p.m.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	Information not received			Ins.	Geneva	61	o	0.83
Utrecht... ..					Berne	59	f	0.95
Copenhagen... ..					Lucerne	64	o	0.28
Prague					Lausanne... ..	?	?	0.95
Vienna					Lugano	77	bc	0.04
Buda-Pesth					Locarno	?	?	?
St. Petersburg								
Rome								
Malta								
Madeira (Funchal)								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

4 th AUGUST, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.19	11.59	7.39
Greenwich	4.30	12.6	7.42
Wick	4.12	12.18	8.24
Valencia	5.9	12.47	8.26

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

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

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

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

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

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

TUESDAY

5th AUGUST.

1902

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.	Ins.	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.				
SCANDINAVIA.	Haparanda ...	29.92	60	S	4	0	29.91	-0.3	52	50	-9	E	4	r	*	-	70	50	*	0.08			
	Hernösand ...	29.82	55	Z	0	0	29.76	-1.3	54	53	-1	Z	0	r	*	-	64	45	*	0.20			
	Stockholm ...	29.79	55	S	2	b	29.75	-1.0	59	57	0	Z	0	o	*	-	64	54	*	0.28			
	Wisby ...	29.82	55	S	2	b	29.79	-0.7	57	54	0	W	2	b	*	-	64	46	*	-			
	Karlstad ...	29.78	57	NE	2	0	29.76	-0.8	56	53	-1	NE	2	o	*	0.7	*	*	0.04				
	Færder (X'iania Fjord)	29.78	59	Z	0	a	29.76	-0.7	57	54	+1	N	2	o	1	-	64	55	*	-			
	Bodö ...	29.92	52	N	4	b	29.89	-1.1	59	53	+10	NE	2	b	1	-	59	49	*	-			
	Christiansund ...	29.88	52	NNE	3	c	29.89	-0.3	51	49	0	NE	4	f	2	-	55	50	*	-			
	Skudesnaes ...	29.81	57	NNW	2	b	29.84	+0.2	54	51	-1	N	4	c	2	bc, b	57	50	*	*			
	Sumburgh Head	29.90	51	NE	3	c	29.95	+1.2	49	46	-2	N	2	c	3	o, c	55	44	*	-			
BRITISH ISLANDS.	Stornoway ...	29.89	55	E	2	0	29.99	+1.5	52	51	-1	E	2	o	2	p, o	60	49	0.6	0.04			
	Malin Head ...	29.88	58	N	1	b	29.95	+1.2	56	54	0	N	2	bc	1	b	60	51	*	-			
	Blacksod Pt. ...	29.87	58	N	3	c	29.92	+0.4	57	55	+5	N	3	bc	2	bc, c	60	51	*	-			
	Valencia ...	29.83	61	SSW	1	c	29.86	+0.3	60	56	0	ENE	1	o	3	c	63	50	3.2	-			
	Roche's Point ...	29.85	58	SE	1	o	29.90	+0.4	58	54	0	ESE	3	c	2	o	59	53	*	-			
	Parsonstown ...	29.84	65	N	1	bc	29.95	+0.5	56	53	+3	NE	1	b	*	bc	66	43	13.1	-			
	Donaghadee ...	29.86	58	SE	1	b	29.94	+0.8	53	52	-1	N	2	of	2	-	62	48	*	-			
	Liverpool Obsy.	29.87	57	NNW	1	bc	29.94	+0.7	55	52	-2	Z	0	m	1	bc	60	51	*	-			
	Holyhead ...	29.87	54	NNW	2	b	29.97	+1.1	59	55	0	Z	0	b	0	b	59	47	*	-			
	Pembroke (St. Ann's)	29.86	59	Z	0	c	29.89	+0.4	58	55	+3	NE	3	b	2	-	61	50	6.6	-			
GERMANY, &c.	Scilly (St. Mary's)	29.82	59	SE	4	omp	29.86	-0.1	59	57	0	ESE	4	o	4	at, omp	62	55	0.1	0.06			
	Jersey (St. Aubins)	29.91	63	SSE	1	og	29.91	-0.4	65	61	+4	S	3	cp	3	og, p	67	58	1.7	0.12			
	Portland Bill ...	29.89	59	SW	2	c	29.92	0.0	60	58	+2	E	2	c	2	bc, c	64	56	*	0.02			
	Dungeness ...	29.89	61	W	3	c	29.95	+0.3	60	59	+1	WNW	1	og	1	bc, c	65	57	*	0.18			
	Wick ...	29.91	53	E	2	o	29.99	+1.9	53	51	-1	N	2	bc	1	-	58	48	*	0.02			
	Nairn ...	29.87	55	E	3	c	29.97	+0.7	51	50	0	E	2	o	1	-	62	49	*	0.01			
	Aberdeen ...	29.87	53	NNE	2	og	29.96	+1.8	53	49	-1	N	2	og	2	b, og	59	50	5.9	-			
	Leith ...	29.84	58	ENE	1	bc	29.97	+1.8	53	50	-4	NNE	2	o	*	-	67	51	*	-			
	North Shields ...	29.84	55	NNW	2	c	29.96	+1.7	52	50	0	N	3	c	3	p, c	59	50	*	0.02			
	Spurn Head ...	29.84	60	E	3	bc	29.93	+1.1	57	55	+3	N	3	bc	2	-	66	53	*	-			
FRANCE.	Yarmouth ...	29.85	62	ESE	2	b	29.90	+0.5	58	55	-1	NNW	3	bc	3	cp, b	63	50	*	0.06			
	Loughborough ...	29.85	66	SW	2	bc	29.95	+0.8	56	53	-1	ENE	2	cmw	*	bc, cm	68	49	*	-			
	Oxford ...	29.87	59	NW	1	c	29.94	+0.5	56	54	-1	N	1	c	*	op, c	65	47	*	0.01			
	London (Brixton)	29.85	62	W	1	o	29.93	+0.2	62	59	+4	Z	0	c	*	cp, c	65	55	1.8	0.06			
	The Scaw (Skagen)	29.77	58	SSE	1	o	29.77	-0.5	57	56	-2	NW	1	c	0	-	63	52	*	0.12			
	Fanö ...	29.83	56	W	2	c	29.84	+0.7	59	55	+1	W	2	c	*	-	61	54	*	0.08			
	Cuxhaven ...	29.86	57	SW	2	c	29.87	+0.3	58	56	+1	SW	3	b	*	c, b, t	61	52	*	0.28			
	The Helder ...	29.86	60	WSW	1	c	29.88	+0.4	62	57	+2	WNW	1	bc	1	-	64	48	*	-			
	Brussels ...	*	*	*	*	*	29.94	-0.2	58	57	+2	WSW	2	+	*	-	63	55	*	0.04			
	Berlin ...	29.93	61	WNW	1	b	29.93	0.0	57	55	-2	Z	0	+	*	-	72	55	*	0.08			
SPAN. PEN.	Frankfurt ...	29.97	61	Z	0	o	29.91	-1.0	59	57	0	Z	0	o	*	-	68	57	*	0.04			
	Munich ...	30.04	59	SSE	1	b	30.06	-0.7	61	57	+4	S	1	o	*	-	70	55	*	-			
	C. Gris Nez ...	29.92	60	SW	2	bc	29.96	-0.1	58	58	0	WSW	3	+	2	-	68	57	*	0.04			
	Brest ...	29.84	60	S	3	o	29.93	+0.3	60	60	+2	WSW	2	o	2	-	66	58	*	0.12			
	Lorient ...	29.89	62	SSE	3	o	29.93	-0.4	63	62	+4	WSW	3	c	3	-	68	59	*	0.20			
	Rochefort ...	29.97	67	Z	0	o	30.00	+0.3	68	64	+6	NSW	3	o	*	o	73	62	*	-			
	Biarritz ...	29.99	70	W	3	c	30.07	+1.0	68	64	+1	E	1	bc	1	-	75	63	*	-			
	Paris ...	29.93	68	WSW	2	c	29.96	-0.4	59	57	0	S	2	o	*	-	75	56	*	-			
	Belfort ...	29.93	66	W	3	o	30.00	-0.3	59	58	+3	WSW	2	+	*	-	74	56	*	0.16			
	Lyons ...	29.94	78	SE	1	bc	30.04	-0.2	66	60	+6	SE	1	o	*	-	80	60	*	-			
Nice ...	30.02	68	SSW	1	c	30.06	+1.4	66	63	-1	Z	0	bc	0	-	82	59	*	-				
Perpignan ...	29.97	73	E	2	c	30.04	+0.3	70	66	+4	Z	0	b	*	-	78	64	*	-				
SPAN. PEN.	Corunna ...																						
	Lisbon ...																						
	Azores (P. Delgada)																						

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, 5th August,

1902

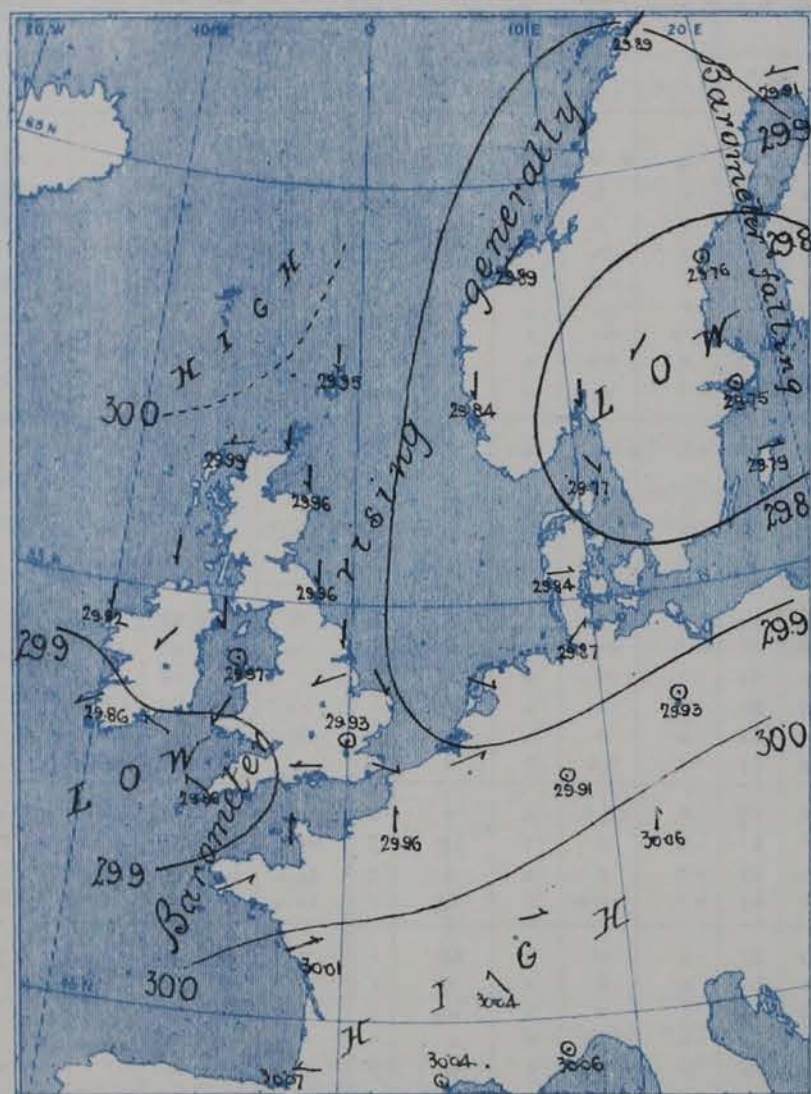
I. BAROMETER, WIND AND SEA. This Morning.

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 :

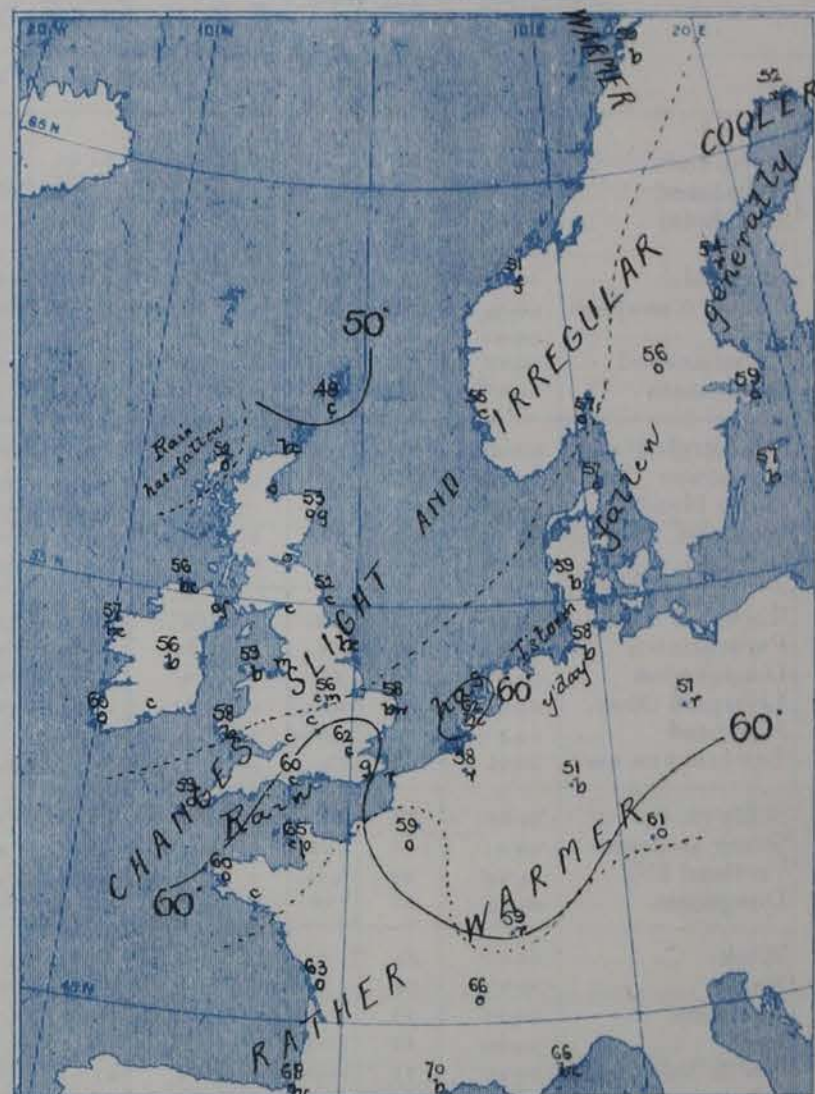


II TEMPERATURE AND WEATHER. This Morning.

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 AUGUST.

Specimen (for Stornaway) { Average No of Hours daily } 4.2
{ Total Possible } 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JULY-AUGUST (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is now somewhat high both over the South of France and in an area to the Northward of the British Islands while it is low in a shallow depression over the Southern half of Sweden and in another off our South Western coasts. The readings range from 30.07 ins. at Biarritz and 29.99 ins. at Stornoway to 29.75 ins. at Stockholm, and 29.86 ins. at Valencia and Scilly.

WIND

The wind is very light everywhere and though chiefly South Westerly at the French stations and Northerly to Easterly in the North, is very variable locally, and in London it is calm.

TEMPERATURE

Temperature in our Islands ranges from 60° along our Southern coasts to 49° at Sumburgh Head and is a little below the average, especially in the far North. At Perpignan it is 70°, Paris 59°, Berlin 57°, Munich 61°. The weather is cloudy and close in most places, but at none of our own stations is rain falling at present, and in a few cases the sky is clear.

WEATHER

Over Central and Northern Europe there is rain at several stations. Sea is smooth.

AND

SEA

During yesterday the temperature did not exceed 68° at any of our stations and at many of the extreme Northern and Western places it was only 60°. A little rain fell in many parts of England and over the Continent. Bright sunshine was very considerable at several of our North West Stations and at Paroonstonon (12 to 13 hours) but at Stornoway there was only 0.8 hour and in London 1.8 hours. A thunderstorm occurred at Cuxhaven.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Cloudy, close weather is still probable, and showers locally with a few thunderstorms. Of any really settled weather there is no indication.

FORECASTS*

For the 24 hours ending at NOON on 6th August 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	} Wind very light, mainly E. to N in direction; very cloudy, rain in places.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	} Very variable airs and calms, cloudy, close, some showers sporadically, possibly thunder
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	} Same as Nos 0 to 2.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	} Same as Nos 3 to 5.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	} Same as Nos 0 to 2

WARNINGS

NONE ISSUED.

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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	*	*	*	*	*	*	*	*	*	*	b	*	bc, o	66	50	4.7	0.05
Newton Reigny (Penrith)	29.83	59	NW 1	o	29.95	+13	54	51	+1	NW 1	c	*	c, b, m, w	63	41	4.0	-
Bath	29.85	63	W 2	b	29.91	+02	58	55	0	W 1	c	*	-	66	54	1.5	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	63	42	c	4.3	?	Worthing	*	*	*	5.1	*
Birmingham, 9 p.m. ...	63	50	o	1.5	0.04	Llandudno	*	*	*	14.0	*
Lowestoft, up to 6 p.m. ...	*	*	*	*	*	Rhyl up to 6 p.m. ...	*	*	*	12.8	*
Hastings	*	*	*	4.9	*	Southport, 9 p.m. ...	61	50	b	14.7	-
Eastbourne up to 6 p.m. ...	*	*	*	7.6	*	Manchester, 9 p.m. ...	69	55	c, b	8.8	0.04
Brighton	*	*	*	5.8	*	Darwen, 9 p.m. ...	62	44	ov.	13.3	-

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

STATIONS. 4. VIII. 02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 3. VIII. 02	TEMPERATURE, F. at 1 p.m. °	WEATHER.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	81	55	b. c.	Ins. 0.20	Geneva	not rec'd yet	5 yet	Ins.
Utrecht... ..	66	54	o o	0.35	Berne			
Copenhagen... ..	63	52	o r	—	Lucerne			
Prague	68	55	r o	0.51	Lausanne... ..			
Vienna	70	57	r b	0.20	Lugano			
Buda-Pesth ... not rec'd					Locarno			
St. Petersburg	59	54	k o	0.16				
Rome	84	63	o b	0.12				
Malta	86	77	b b	—				
Madeira (Funchal)	75	59	b c	—				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

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

5. VIII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 4.21	h. m. 11.59	h. m. 7.57
Greenwich	4.32	12.6	7.40
Wick	4.14	12.18	8.22
Valencia	5.11	12.47	8.24

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

WEDNESDAY

6th AUGUST.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	At 82° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.			Min.				
																			Ins.			Ins.
SCANDINAVIA.	Haparanda	29.91	54	E	6	o	29.92	+01	50	50	-2	E	4	o	*	-	61	50	*	0.04		
	Hernösand	29.75	52	Z	0	o	29.77	+01	55	53	+1	NE	2	o	*	-	57	52	*	0.28		
	Stockholm	29.73	55	Z	0	bc	29.74	-01	57	55	-2	SW	2	o	*	-	63	52	*	0.08		
	Wishby	29.77	58	S	2	bc	29.81	+02	58	55	+1	W	2	b	*	-	63	46	*	-		
	Karlstad...	29.74	56	NW	2	c	29.77	+01	55	53	-1	NW	2	c	*	c, cl, r	*	*	*	0.20		
	Færder (X'iania Fjord)	29.76	59	W	1	c	29.79	+03	59	55	+2	NE	2	bc	1	-	61	55	*	-		
	Bodö	29.89	62	ENE	2	b	29.89	00	60	55	+1	ENE	2	bc	1	-	63	53	*	-		
	Christiansund	29.93	51	ENE	3	o	29.92	+03	49	48	-2	NNE	3	+	3.	-	54	48	*	0.04		
	Skudesnaes	29.88	54	NW	4	c	29.91	+07	52	50	-2	NNW	4	o	2	b, c	57	50	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.99	49	NE	1	o	30.01	+06	49	46	0	N	1	o	3	o	51	45	*	0.03		
	Stornoway	30.02	58	E	3	o	30.01	+02	52	49	0	E	3	o	3	o	59	49	3.8	-		
	Malin Head	29.94	56	E	4	bm	29.84	-11	54	52	-2	E	6	bc, m	4	b, bm	61	51	*	-		
	Blacksod Pt.	29.89	60	NE	4	cm	29.70	-22	57	55	0	ENE	5	tm	4	c, cm	63	53	*	0.02		
	Valencia...	29.78	60	E	3	+	29.55	-31	59	57	-1	ENE	2	o	4	o, t	66	56	1.5	0.55		
	Roche's Point	29.85	59	ESE	4	o	29.59	-31	61	60	+3	SE	2	md	2	o, t	62	53	*	0.38		
	Parsonstown	29.87	64	E	1	c	29.63	-32	57	56	+1	SE	3	ot	*	bc, c	68	52	8.4	0.85		
	Donaghadee	29.95	56	NE	2	b	29.85	-09	53	51	0	ENE	5	+	5	-	57	47	*	0.01		
	Liverpool Obsy.	29.92	64	SE	1	cm	29.82	-12	53	53	-2	W	4	+	3	cm	66	53	*	0.12		
	Holyhead	29.92	59	E	2	cm	29.76	-21	56	56	-3	E	4	atm	3	bc, cm	59	54	*	0.44		
	Pembroke (St. Ann's)	29.89	62	S	1	c	29.67	-22	58	58	0	S	5	tm	5	-	64	57	9.8	0.52		
	Scilly (St. Mary's)...	29.86	59	ESE	4	+	29.68	-18	60	59	+1	SSW	5	op	4	m, r	62	57	0.1	0.64		
Jersey (St. Aubins)...	29.97	64	SW	2	opg	29.89	-02	64	62	-1	SE	3	ot	3	bc, opg, m	70	61	3.1	0.13			
Portland Bill	29.95	59	ESE	4	o	29.83	-09	60	60	0	SSE	4	op	3	o	64	57	*	0.28			
Dungeness	30.00	62	W	1	o	29.92	-03	61	61	+1	SSE	2	f	1	bc, o	66	59	*	0.06			
GERMANY, &c.	Wick	30.03	53	N	1	o	30.03	+04	52	50	-1	E	2	o	1	-	55	45	*	-		
	Nairn	30.03	54	E	1	c	30.02	+05	52	49	+1	ESE	2	c	1	-	58	46	*	-		
	Aberdeen	30.03	51	E	1	opg	30.02	+06	53	50	0	NE	2	c	1	o, opg	55	47	0.0	0.03		
	Leith	30.00	56	NE	2	o	29.98	+01	53	51	0	ENE	2	o	*	-	57	50	*	-		
	North Shields	30.01	54	NNE	2	c	29.95	-01	54	51	+2	NE	3	o	2	o, c	56	50	*	-		
	Spurn Head	29.98	58	ENE	4	bc	29.95	+02	56	55	-1	E	4	o	3	-	63	53	*	-		
	Yarmouth	29.99	63	NE	2	b	29.93	+03	60	58	+2	ESE	5	cg	4	b	64	55	*	-		
	Loughborough	29.96	63	ESE	3	c	29.89	-06	55	55	-1	SE	2	ot	*	c, opg, r	67	53	*	0.21		
	Oxford	29.95	64	S	2	o	29.85	-09	60	59	+4	SE	3	od	*	bc, r, o	70	55	*	0.18		
London (Brixton)	29.95	66	W	2	o	29.88	-05	61	60	-1	S	2	otg	*	cg, ot	76	58	1.3	0.10			
FRANCE.	The Scaw (Skagen)	29.81	57	WNW	1	b	29.80	+03	56	54	-1	W	4	bc	1	-	62	54	*	-		
	Fanö	29.95	54	NW	3	o	30.00	+16	56	51	-3	WNW	5	o	*	-	63	54	*	-		
	Cuxhaven	29.92	60	W	3	c	30.04	+17	57	53	-1	NW	1	o	*	-	63	55	*	-		
	The Helder	29.99	60	NNW	1	bc	30.01	+13	60	57	-2	SE	1	c	0	-	64	55	*	-		
	Brussels...	*	*	*	*	*	29.99	+05	64	62	+6	SE	2	o	*	-	66	56	*	0.04		
	Berlin	29.96	59	WSW	2	+	30.05	+12	57	55	0	W	2	b	*	-	64	52	*	0.12		
	Frankfurt	30.05	63	Z	0	o	30.06	+15	61	58	+2	E	1	o	*	-	72	59	*	-		
	Munich	30.12	63	SW	4	c	30.17	+11	63	60	+2	SW	1	c	*	-	72	57	*	0.04		
SPAN. PEN.	C. Gris Nez	30.02	63	NNE	2	b	29.98	+02	62	62	+4	S	1	o	1	-	68	58	*	0.08		
	Brest	29.93	61	SW	3	f	29.81	-12	60	60	0	?SSW	3	f	4	-	66	59	*	0.12		
	Lorient	29.96	64	S	3	o	29.89	-04	64	64	+1	S	5	o	5	-	72	63	*	0.32		
	Rochefort	30.02	70	W	3	c	29.92	-08	66	63	-2	E	3	c	*	c	75	61	*	-		
	Biarritz	30.01	76	NE	3	b	29.96	-11	68	65	0	WSW	3	b	2	-	79	64	*	-		
	Paris	30.01	70	S	2	o	30.00	+04	65	62	+6	SSE	2	b	*	-	76	59	*	-		
	Belfort	29.99	69	WSW	4	bc	30.04	+04	63	59	+4	Z	0	m	*	-	72	56	*	0.04		
SPAN. PEN.	Lyon	30.02	75	NNE	1	b	30.06	+02	67	64	+1	SSE	1	bc	*	-	84	61	*	-		
	Nice	30.06	69	E	2	bc	30.10	+04	69	66	+3	Z	0	c	0	-	81	64	*	-		
	Perpignan	30.03	76	ENE	2	b	30.04	00	70	69	0	E	1	o	*	-	83	64	*	-		
SPAN. PEN.	Corunna														*			*				
	Lisbon														*			*				
	Azores (P. Delgada)														*			*				

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, 6th August, 1902

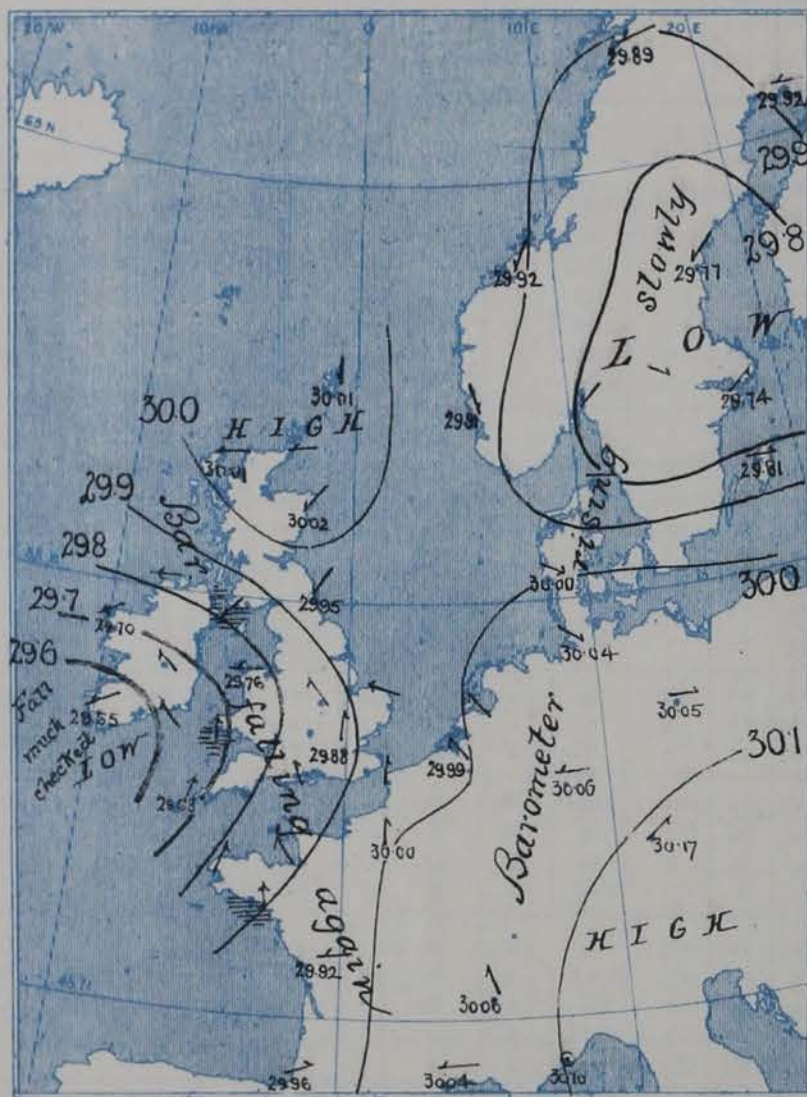
I. BAROMETER, WIND AND SEA. This Morning.

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—0.8



III BAROMETER AND WIND

Yesterday morning.



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

Specimen { Average No of } 4.2
(for Stornaway) { Hours daily }
{ Total Possible } 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JULY-AUGUST (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure over North Western Europe is still very complex there being one high pressure area over Central Europe and another over the North East of Scotland and its neighbourhood; while a shallow depression lingers over Sweden, and a deeper one is coming over the South of Ireland from the Atlantic. The 8 a.m. readings vary from 30.17 ins. at Munich and 30.03 ins. at Wick, to 29.74 ins. at Stockholm and 29.55 ins. at Valencia.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is Southerly and variable at all the Southern stations, Easterly and freshening in the North of our Islands, and North Easterly in the far West. In the North of Scandinavia it is North Easterly, in Denmark Westerly, and at Stockholm South Westerly. Over France and Germany it varies greatly. Temperature has risen over Central Europe but differs elsewhere very little from the values of yesterday. In our Islands it ranges from 61° or 60° at our South Eastern stations to 49° at Sumburgh Head and is very little different from the average except in the Shetlands, where it is low. The weather is dull and close and rain is falling at many stations. The sea is moderate in the far West and at Yarmouth, slight or smooth elsewhere.

During yesterday the maximum temperature was 70° at Oxford and 76° in London; elsewhere it was lower, and in Scotland it was below 60°. Rain has again fallen over Ireland and England and in some parts of Scotland and France; at Parsonstown the amount was 0.85 in. Sunshine amounted to 11 hours at Llandudno, 10 hours at Lowestoft, and 8 hours at Parsonstown; at Aberdeen there was none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very changeable, close, showery weather is still probable over the country generally, though there may be a few bright intervals in the South. Some thunder is probable in places.

FORECASTS *

For the 24 hours ending at NOON on 7th August 1902

DISTRICTS.

FORECASTS.

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

E^{ly} winds, increasing: dull, some rain.

SE^{ly} to SW^{ly} winds, freshening, close, showery, unsettled.

DISTRICTS.

FORECASTS.

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

Same as Nos 0 to 2.

Same as Nos 3 to 5.

E^{ly} to N^{ly} winds, fresh, changeable; rainy to fair

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	*	*	*	*	*	*	*	*	*	*	+	*	b, c	65	58	9.6	0.03
Newton Reigny (Penrith)	29.96	56	SE 2	0	29.91	-0.4	53	50	-1	ESE 2	mg	*	c, om	65	48	5.0	-
Bath	29.91	66	W 1	0	29.80	-1.1	63	61	+5	S 1	0	*	-	70	25.6	5.3	0.09

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	62	47	c, 0	10.3	-	Worthing	*	*	*	4.9	*
Birmingham, 9 p.m. ...	69	47	c	5.1	0.05	Llandudno	*	*	*	11.1	*
Lowestoft, up to 6 p.m. ...	60	49	c	10.1	0.01	Rhyl up to 6 p.m. ...	*	*	*	7.8	*
Hastings	*	*	*	5.2	*	Southport, 9 p.m. ...	65	44	c, om	4.7	-
Eastbourne up to 6 p.m. ...	*	*	*	5.4	*	Manchester, 9 p.m. ...	70	47	c, b	1.9	-
Brighton	*	*	*	5.2	*	Darwen, 9 p.m. ...	61	43	om, w	2.5	-

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

STATIONS. 5. VIII. 02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 4. VIII. 02	TEMPERATURE, F. at 1 p.m.	WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max.	Min.						
Marseilles	73	63	b, b	Ins.	Geneva	68	b	Ins.
Utrecht	66	57	o	0.04	Berne	70	o	-
Copenhagen	64	52	c	-	Lucerne	72	bc	-
Prague	73	59	b	-	Lausanne	?	?	-
Vienna	73	57	b	-	Lugano	77	bc	0.32
Buda-Pesth ... <i>not rec'd</i>	?	?	?	?	Locarno	?	?	?
St. Petersburg <i>not rec'd</i>	?	?	?	?				
Rome	86	69	b	-				
Malta	84	73	b	-				
Madeira (Funchal) ...	73	61	o	-				

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

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

6. VIII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.22	11.59	7.36
Greenwich	4.33	12. 6	7.39
Wick	4.16	12.18	8.20
Valencia	5.12	12.47	8.23

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

THURSDAY 7th AUGUST.

1902

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 8 ¹ / ₂ and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		Weather.	At 8 ¹ / ₂ 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.
SCANDINAVIA.	Haparanda ...	29.83	55	E	2	c	29.80	-12	56	54	+6	S	2	c	-	63	50	*	0.20		
	Hernösand ...	29.80	52	2	0	0	29.79	+02	57	54	+2	NE	2	0	-	61	50	*	-		
	Stockholm ...	29.80	55	SSW	2	0	29.83	+09	59	57	+2	Z	0	0	-	64	52	*	0.24		
	Wisby ...	29.87	59	W	2	b	29.88	+07	57	52	-1	NW	2	b	-	64	52	*	-		
	Karlstad ...	29.82	56	Z	0	bc	29.84	+07	55	52	0	SW	2	0	22, bc	*	*	*	0.59		
	Färder (X'iania Fjord) ...	29.80	59	SSW	1	c	29.80	+01	57	52	-2	SSW	2	0	2	64	55	*	-		
	Bodö ...	29.85	57	E	1	0	29.80	-09	55	52	-5	Z	0	0	1	63	50	*	0.08		
	Christiansund ...	29.92	50	NNW	1	r	29.86	-06	51	50	+2	Z	0	0	1	52	48	*	0.35		
Skudesnaes ...	29.90	53	NNW	2	0	29.80	-11	52	50	0	NNW	6	0	2	54	50	*	*			
BRITISH ISLANDS.	Sumburgh Head ...	29.98	49	NE	2	0	29.91	-10	48	46	-1	NE	1	0	3	52	44	*	0.02		
	Stornoway ...	29.95	55	E	5	0	29.94	-07	51	47	-1	E	4	0	4	60	46	77	-		
	Malin Head ...	29.76	55	ESE	7	omg	29.80	-04	53	52	-1	E	6	om	4	57	50	*	-		
	Blacksod Pt. ...	29.64	58	E	5	cpm	29.71	+01	57	55	0	ENE	5	cpm	4	59	55	*	0.05		
	Valencia ...	29.56	63	Z	0	c	29.64	+09	59	58	0	Z	0	of	2	64	54	0.5	0.48		
	Roche's Point ...	29.57	61	SE	2	0	29.63	+04	61	60	0	NW	1	c	2	63	57	*	0.10		
	Parsonstown ...	29.59	63	SE	1	cp	29.66	+03	57	56	0	ENE	1	ogm	*	67	56	12	0.56		
	Donaghadee ...	29.76	54	ESE	6	og	29.77	+08	53	52	0	ESE	5	og	4	54	52	*	0.28		
Liverpool Obsy. ...	29.71	59	E	4	op	29.71	-11	55	54	+2	E	4	0	?	62	53	*	0.29			
Holyhead ...	29.70	62	SW	1	cp	29.68	-08	59	58	+3	E	4	cp	3	63	55	*	0.15			
Pembroke (St. Ann's) ...	29.65	60	S	4	0	29.63	-04	58	57	0	WSW	3	0	4	63	57	0.9	0.25			
GERMANY, &c.	Scilly (St. Mary's) ...	29.63	63	SSW	4	op	29.71	+03	60	58	0	WSW	5	op	4	65	57	5.3	0.06		
	Jersey (St. Aubins) ...	29.81	68	WSW	3	bc	29.83	-06	64	61	0	SW	4	og	3	70	60	5.3	0.23		
	Portland Bill ...	29.78	61	SSW	2	c	29.75	-08	59	58	-1	SW	4	0	4	63	58	*	0.32		
	Dungeness ...	29.80	62	S	3	0	29.80	-12	62	61	+1	WSW	5	c	2	65	59	*	0.03		
	Wick ...	29.99	53	NE	2	c	29.93	-10	52	50	0	NE	2	c	2	58	45	*	0.02		
	Nairn ...	29.95	53	E	2	0	29.92	-10	49	47	-3	E	2	0	1	56	46	*	0.03		
	Aberdeen ...	29.96	51	E	2	bc	29.91	-11	50	48	-3	N	1	og	2	56	46	37	-		
	Leith ...	29.90	53	ENE	3	0	29.86	-12	52	50	-1	NE	3	0	*	54	50	*	-		
North Shields ...	29.86	53	E	3	p	29.81	-14	53	51	-1	NE	3	op	3	55	51	*	0.12			
FRANCE.	Spurn Head ...	29.76	55	E	6	0	29.75	-20	55	54	-1	NE	5	od	4	58	53	*	0.20		
	Yarmouth ...	29.77	62	S	3	0	29.71	-22	61	59	+1	W	3	cm	3	62	41	*	0.56		
	Loughborough ...	29.73	62	ENE	2	0	29.74	-15	56	56	+1	NE	1	ogft	*	63	55	*	0.75		
	Oxford ...	29.74	63	SW	3	b	29.73	-12	62	59	+2	SW	3	od	*	69	55	*	0.25		
	London (Brixton) ...	29.76	65	SW	2	op	29.76	-12	62	60	+1	SW	2	c	*	68	56	0.0	0.22		
	The Scaw (Skagen) ...	29.87	54	W	3	c	29.82	+02	54	51	-2	SW	1	0	0	59	54	*	-		
	Fanö ...	29.95	51	Z	0	b	29.82	-18	51	50	-5	NE	3	+	*	59	50	*	0.28		
	Cuxhaven ...	29.95	59	NE	1	+	29.73	-31	59	59	+2	SSW	1	f	*	63	37	*	0.08		
The Helder ...	29.86	59	ESE	2	+	29.73	-28	62	61	+2	WSW	2	+	1	63	57	*	0.28			
SPAN. PEN.	Brussels ...	*	*	*	*	*	29.82	-17	63	62	-1	SSW	3	0	*	77	?	*	0.67		
	Berlin ...	30.00	66	SE	1	0	29.80	-25	60	59	+3	SE	1	0	*	72	55	*	0.63		
	Frankfurt ...	29.89	69	S	2	0	29.85	-21	66	62	+5	SW	2	b	*	79	61	*	0.71		
	Munich ...	30.06	66	Z	0	b	30.03	-14	70	64	+7	SW	3	bc	*	77	59	*	0.08		
	C. Gris Nez ...	29.65	66	S	3	r	29.78	-20	61	59	-1	SW	4	bc	3	70	61	*	0.24		
	Brest ...	29.79	63	SSW	3	0	29.85	+04	60	60	0	WSW	3	0	3	66	59	*	-		
	Lorient ...	29.87	68	SW	3	bc	29.88	-01	63	61	-1	W	4	0	3	72	59	*	0.32		
	Rochefort ...	29.93	68	W	3	bc	29.97	+05	67	63	+1	W	3	0	0, bc	77	64	*	-		
Biarritz ...	29.98	72	W	2	c	30.05	+09	69	67	+1	E	2	c	2	77	59	*	-			
SPAN. PEN.	Paris ...	29.82	76	ESE	2	bc	29.91	-09	64	59	-1	SW	2	b	*	81	59	*	-		
	Belfort ...	29.85	76	NNE	2	c	29.88	-16	?	61	?	W	2	m	*	82	62	*	-		
	Lyons ...	29.91	77	S	3	b	29.98	-08	73	60	+6	W	1	c	*	85	66	*	-		
	Nice ...	30.08	71	SW	2	b	30.07	-03	71	65	+2	Z	0	b	0	79	61	*	-		
	Perpignan ...	29.95	74	NE	4	b	29.99	-05	71	69	+1	SW	1	0	*	80	63	*	-		
	Corunna ...																	*			
	Lisbon ...																	*			
	Azores (P. Delgada) ...																	*			

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, 7th August, 1902

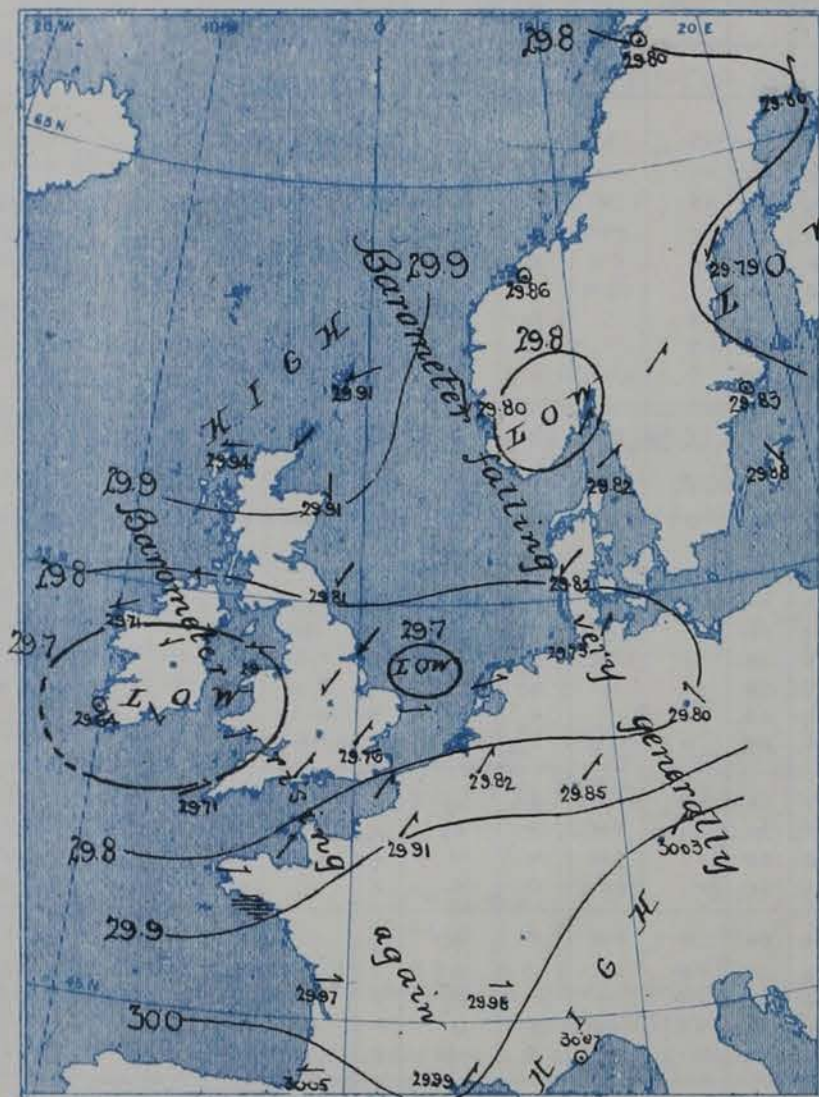
I. BAROMETER, WIND AND SEA. This Morning.

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—0.8



III BAROMETER AND WIND

Yesterday morning.



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

Specimen { Average No of Hours daily } 4.2
(for Stornaway) { Total Possible } 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JULY-AUGUST (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Although there have been slight local changes in the height of the barometer over various parts of north western Europe, the relative distribution is on the whole scarcely altered. We have two high pressure areas, one in the south, and the other in the north, and these are separated by a low pressure band stretching from the south of Ireland to north Germany. Readings range from 30.07 ins. at Nice and 29.94 ins. at Stornoway, to 29.63 ins. at Roches Point and Pembroke and 29.73 ins. at the Helder.

WIND

TEMPERATURE

WEATHER

AND

SEA

Easterly winds of little strength prevail over the northern half of our Islands, South Westerly and Westerly in the south and over France. At Berlin the wind is South Easterly and in Scandinavia very variable. Temperature has again risen a little over Germany and the Baltic, but changed very little over our Islands; in the latter regions it varies from between 60° and 63° over the southern stations, to 49° at Nairn, and 48° at Sumburgh Head. In the north it is several degrees below the average, in the south it does not differ from the average. The weather remains very cloudy, changeable, and showery. The sea is moderate in the south, slight in the north and east.

Since yesterday morning showers have fallen very generally except in the south of France, and at several stations the falls have been very considerable. The maximum temperature for yesterday touched 69° at Oxford only. Bright Sunshine varied from 7.7 hours at Stornoway and 6.3 hours at Bath, to none at Harrogate and Lowestoft.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The low pressure area over our south western stations will probably move Eastwards. Showery inclement weather is still probable in our Islands, improving a little in the west later. Temperature will decrease somewhat to night.

FORECASTS*

For the 24 hours ending at NOON on 8th August 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

E^{ly} and NE^{ly} winds, moderate; showery, cool.

SW^{ly} to NW^{ly} winds, light, showery to fair. cool.

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



Same as Nos 0 to 2.

W^{ly} and NW^{ly} winds, moderate, showery, cool.

NE^{ly} and N^{ly} winds, moderate or light; cloudy, a few showers. cool.

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, 2	64	56	0.1	0.26
Newton Reigny (Penrith)	29.90	53	E 4	†	29.77	-14	54	51	+1	NE 2	0	*	orgm	54	50	0.0	0.16
Bath	29.73	67	W 4	0	29.70	-10	63	59	0	SW 3	0	*	-	70	59	6.3	0.09

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	60	50	o, f	0.0	0.33	Worthing	*	*	*	1.1	*
Birmingham, 9 p.m. ...	70	55	m	3.4	0.37	Llandudno	*	*	*	2.6	*
Lowestoft, up to 6 p.m. ...	62	55	0	0.0	0.54	Rhyl up to 6 p.m. ...	*	*	*	1.3	*
Hastings	*	*	*	1.2	*	Southport, 9 p.m. ...	60	52	st	0.1	0.44
Eastbourne up to 6 p.m. ...	*	*	*	2.0	*	Manchester, 9 p.m. ...	66	54	orgm	0.0	0.31
Brighton	*	*	*	2.0	*	Darwen, 9 p.m. ...	58	49	orgm	0.1	0.42

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. at 1 p.m.	WEATHER.	RAIN. (measured at 7 a.m.)	
	Max. °	Min. °							
6. VIII. 02					5. VIII. 02				
Marseilles	82	63	c	6	Ins.	Geneva	72	0	Ins.
Utrecht... ..	70	46	c	c	—	Berne	70	0	—
Copenhagen... ..	63	54	0	0	—	Lucerne	70	bc	—
Prague	75	59	0	c	—	Lausanne... ..	?	?	—
Vienna	79	63	0	6	—	Lugano	81	6	—
Buda-Pesth	84	66	6	6	—	Locarno	?	?	—
St. Petersburg ... <i>not recd</i>					—				
Rome	87	66	6	6	—				
Malta	84	73	?	6	—				
Madeira (Funchal) <i>not recd</i>									

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.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

7. VIII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.23	11.59	7.35
Greenwich	4.34	12.6	7.38
Wick	4.18	12.18	8.18
Valencia	5.3	12.47	8.22

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

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

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

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

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

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

FRIDAY 8TH AUGUST

1902

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.	Rainfall			
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.	Min.	Hours	Ins.							
Ins.	Ins.	°	°	Ins.	Ins.	°	°	Ins.	Ins.	°	°	Hours	Ins.									
SCANDINAVIA.	Haparanda ...	29.76	54	SW	2	bc	29.76	-0.4	55	55	-1	N	2	c	*	-	63	54	*	0.04		
	Hernösand ...	29.76	55	Z	0	o	29.77	-0.2	57	56	0	Z	0	o	*	-	63	52	*	0.04		
	Stockholm ...	29.79	55	SW	2	o	29.79	-0.4	56	56	-1	W	2	o	*	-	66	50	*	-		
	Wisby ...	29.80	54	SW	2	bc	29.79	-0.9	57	53	0	SW	2	b	*	-	59	50	*	-		
	Karlstad ...	29.77	57	SW	2	o	29.79	-0.5	55	49	0	NNW	2	b	*	-	*	*	*	-		
	Færder (X'iania Fjord)	29.78	57	SSW	2	c	29.77	-0.3	57	50	0	SSW	2	o	2	-	59	55	*	-		
	Bodö ...	29.81	55	N	1	bc	29.79	-0.1	53	51	-2	N	1	o	1	-	57	52	*	-		
	Christiansund ...	29.81	51	N	2	o	29.77	-0.9	50	50	-1	NE	3	r	2	-	52	50	*	0.08		
Skudesnaes ...	29.79	53	NW	6	o	29.78	-0.2	51	50	-1	NNW	4	o	2	b, o	57	50	*	*			
BRITISH ISLANDS.	Sumburgh Head	29.89	49	NNE	2	c	29.87	-0.4	48	47	0	WNW	1	o	2	o, c	53	43	*	0.04		
	Stornoway ...	29.95	54	E	4	o	29.98	+0.4	50	45	-1	Z	0	c	0	bc, o	60	45	7.8	-		
	Malin Head ...	29.87	56	N	4	bc	29.99	+1.9	52	49	-1	N	5	bc	4	o, bc	56	49	*	-		
	Blacksod Pt. ...	29.83	58	ENE	4	o	30.04	+3.3	55	49	-2	NNE	4	c	4	cm, o	60	53	*	-		
	Valencia ...	29.73	60	Z	0	r	29.97	+3.3	55	54	-4	NNE	3	bc	3	c, r	63	54	0.6	1.29		
	Roche's Point ...	29.71	61	NW	2	op	29.91	+2.8	55	53	-6	NNE	4	og	2	o, op	65	54	*	0.12		
	Parsonstown ...	29.76	57	ENE	2	o	29.97	+3.1	51	49	-6	NNW	3	c	*	og, o	61	48	0.0	-		
	Donaghadee ...	29.85	55	ENE	2	o	29.97	+2.0	53	51	0	NE	3	c	2	-	56	51	*	0.01		
Liverpool Obsy.	29.77	57	E	4	o	29.88	+1.7	50	49	-5	E	2	+	?	op, o	59	49	*	0.33			
Holyhead ...	29.75	58	E	4	om	29.88	+2.0	53	52	-6	E	4	cm	3	om, pm	60	51	*	0.03			
Pembroke (St. Ann's)	29.73	59	WSW	4	c	29.79	+1.6	57	56	-1	NNE	3	mgf	4	-	63	55	1.9	0.01			
GERMANY, &c.	Scilly (St. Mary's)...	29.83	64	WSW	4	om	29.81	+1.0	59	58	-1	WSW	1	op	3	om	66	58	3.7	-		
	Jersey (St. Aubins)...	29.91	64	W	4	bc, op	29.90	+0.7	62	59	-2	SW	3	cm	3	g, c, bc, op	68	59	4.5	0.02		
	Portland Bill ...	29.84	60	SW	4	c	29.86	+1.1	58	57	-1	WSW	3	o	3	bc, c	63	56	*	-		
	Dungeness ...	29.84	63	WSW	5	b	29.84	+0.4	60	60	-2	?	5	o	3	bc, b	66	59	*	-		
	Wick ...	29.91	52	NE	3	o	29.93	0.0	51	50	-1	NE	2	c	1	-	52	42	*	-		
	Nairn ...	29.92	52	E	2	o	29.95	+0.3	51	47	+2	Z	0	bc	1	-	55	45	*	-		
	Aberdeen ...	29.91	48	SW	1	ogp	29.94	+0.3	49	45	-1	NW	2	c	1	og, ogp	53	43	0.0	0.07		
	Leith ...	29.89	52	ENE	2	o	29.94	+0.8	53	48	+1	ENE	1	o	*	-	55	49	*	-		
North Shields ...	29.85	53	ENE	3	p	29.91	+1.0	51	48	-2	NNE	3	c	3	o, p	56	50	*	0.03			
FRANCE.	Spurn Head ...	29.79	55	ENE	5	o	29.85	+1.0	51	49	-4	NNE	4	+	3	-	57	49	*	0.15		
	Yarmouth ...	29.74	63	Z	0	c	29.76	+0.5	60	58	-1	NE	4	og	4	bc, c	67	57	*	1.53		
	Loughborough ...	29.77	57	NE	2	r	29.86	+1.2	50	50	-6	NNE	3	og, m	*	f, p, m	62	50	*	0.97		
	Oxford ...	29.80	60	SW	3	cp	29.81	+0.8	60	58	-2	SW	3	o	*	cp	69	58	*	0.31		
	London (Brixton)	29.79	67	WSW	4	c	29.83	+0.7	62	58	0	SW	2	o	*	op, bc, c	69	57	3.5	0.04		
	The Scaw (Skagen)	29.79	57	SSW	1	c	29.79	-0.3	55	53	+1	SW	1	o	0	-	61	50	*	-		
	Fanø ...	29.84	52	N	1	b	29.83	+0.1	56	53	+5	NE	2	bc	*	-	61	50	*	-		
	Cuxhaven ...	29.78	60	NW	2	o	29.81	+0.8	55	54	-4	SE	2	+	*	-	63	55	*	0.47		
SPAN. PEN.	The Helder ...	29.80	62	WSW	1	c	29.76	+0.3	62	60	0	WSW	3	o	2	-	66	61	*	0.04		
	Brussels ...	*	*	*	*	*	29.88	+0.6	61	58	-2	SW	4	o	*	-	72	56	*	-		
	Berlin ...	29.79	65	NNW	1	c	29.88	+0.8	63	61	+3	WSW	1	c	*	-	73	57	*	0.08		
	Frankfurt ...	29.93	68	WSW	1	o	29.93	+0.8	66	60	0	SW	4	b	*	-	77	59	*	-		
	Munich ...	30.03	69	SW	3	b	30.06	+0.3	68	63	-2	W	2	bc	*	-	81	59	*	-		
	C. Gris Nez ...	29.87	63	SSW	5	b	29.89	+1.1	59	59	-2	SW	5	f	5	-	72	57	*	-		
	Brest ...	29.95	63	SW	2	c	29.88	+0.3	60	59	0	S	2	+	2	-	66	57	*	0.16		
	Lorient ...	29.97	63	W	3	bc	29.90	+0.2	61	59	-2	W	3	o	2	-	70	52	*	-		
Rochefort ...	30.01	70	WSW	3	c	29.96	+0.1	64	62	-3	SW	3	c	*	o, c	77	61	*	-			
Biarritz ...	30.08	70	N	3	o	30.07	+0.2	67	66	-2	S	1	o	2	-	78	64	*	-			
SPAN. PEN.	Paris ...	29.91	74	W	2	bc	29.95	+0.4	61	57	-3	SSW	2	bc	*	-	79	56	*	-		
	Belfort ...	29.92	72	W	5	c	29.94	+0.6	66	63	?	Z	0	m	*	-	77	61	*	0.08		
	Lyons ...	29.95	76	NNE	1	r	29.97	-0.1	68	62	-5	N	1	bc	*	-	85	64	*	-		
	Nice ...	30.02	71	Z	0	b	29.97	-1.0	75	69	+4	Z	0	b	*	-	84	64	*	-		
	Perpignan ...	29.97	73	E	3	o	29.95	-0.4	70	68	-1	SW	1	o	*	-	84	63	*	-		
	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Lisbon ...	30.05	68	N	4	b	30.05	+0.1	68	59	-1	N	5	b	*	-	69	63	*	-		
	Azores (P. Delgada)	30.13	67	SW	2	b	30.14	-0.9	69	66	-2	S	4	o	3	-	73	66	*	-		

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, 8th August, 1902

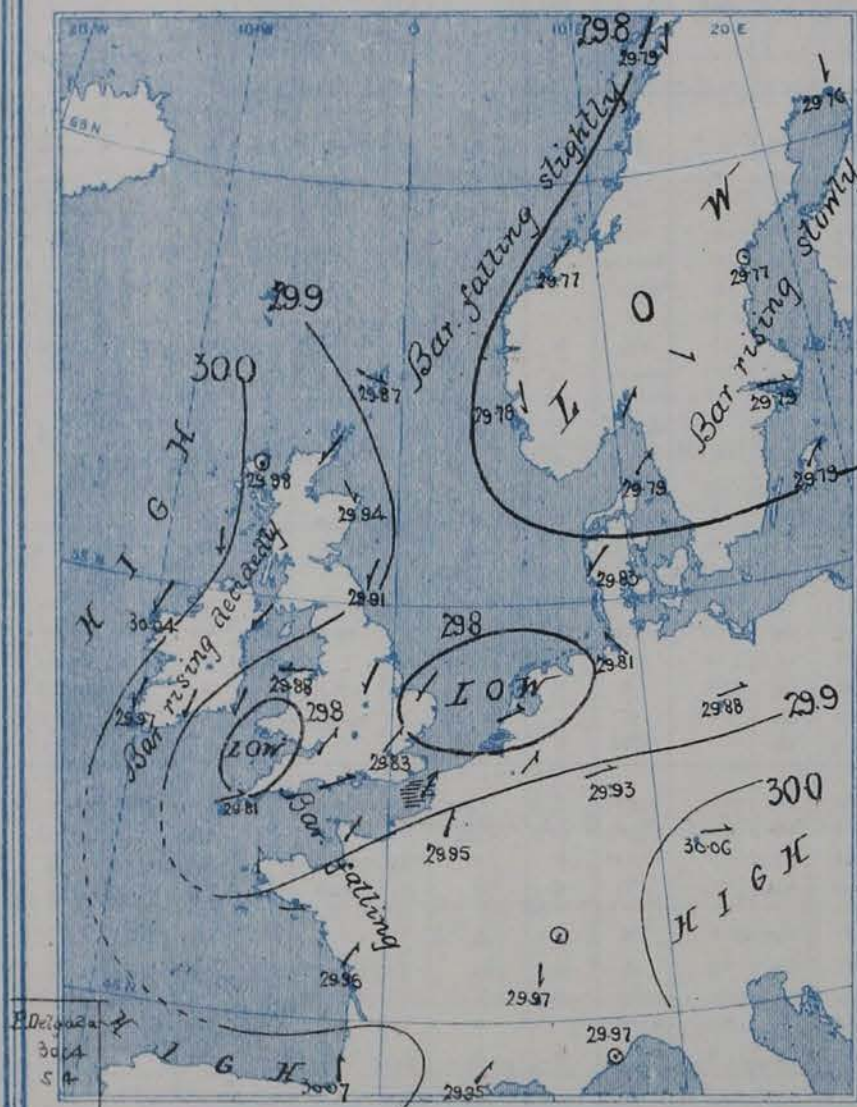
I. BAROMETER, WIND AND SEA. This Morning.

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 AUGUST.

Specimen (Average No of Hours daily) 4.2
(for Stornaway) Total Possible 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

AUGUST. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The band of low pressure referred to yesterday, with its enclosed shallow minima, is still lying over Holland and the south of England, while in Ireland the barometer is rising briskly, and the change is extending towards Great Britain. Readings this morning range from 30.06 ins. at Munich, 30.04 ins. at Blacksod Point and 29.94 ins. at Aberdeen, to 29.79 ins. at Pembroke, 29.76 ins. at Yarmouth and the Helder and 29.75 ins. over the south of Norway.

WIND

The wind varies greatly in different regions; it is [1] Northerly in Lapland and Norway, South Westerly in the Skagen Rack and at Stockholm; [2] Northerly in Ireland, North Easterly in the north of England, South Westerly over our southern counties and the north of France; [3] nearly calm over Scotland and the south of France. Temperature in our Islands ranges from 48° at Sumburgh Head and 49° to 53° at the other Scotch stations, to between 59° and 62° over the most southern counties; it is therefore at about its average value in the south, but low by several degrees in the north. Loughborough is 12° colder than London. At Paris the temperature is 61°, at Berlin 63°, at Munich 68°. The Sea is moderate in the far west and at Yarmouth, slight elsewhere.

TEMPERATURE

WEATHER

AND

SEA

Since yesterday morning the highest temperature registered in our Islands was 69° (at Oxford and London); at Berlin it was 73°, at Paris 79°, Munich 81° and Nice 84°. Rain fell in many parts of Ireland, England and Germany; at Valencia the fall was 1.29 in. at Loughborough 0.97 in. and at Yarmouth (where thunder and lightning occurred) 1.53 in. Bright Sunshine was less than 6 hours except at Littlestone, Hastings and Stornoway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT



The low pressure areas will probably move to the Eastward or South Eastward and fill up; the barometer will rise and after some showers to day finer weather be prevalent to morrow. No permanently settled weather is indicated at present.

N.B. The Daily Weather Report for Saturday 9th August, will not be issued till Monday 11th August.

FORECASTS *

For the 24 hours ending at NOON on 9th August 1902

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	NW ^{ly} winds, light; fair, warmer.	6 { SCOTLAND WEST	NE ^{ly} winds, light fine; cold to night.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.	NE ^{ly} and N ^{ly} winds, light; some rain, then fair. Cold to night.	8 { ENGLAND S.W.	NW ^{ly} to N ^{ly} winds, becoming cooler and finer.
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES	SW ^{ly} winds, light, showery, then NW ^{ly} ; light, fair, colder.	10 { IRELAND SOUTH	N ^{ly} winds, moderate; fair. cool.
5 { ENGLAND SOUTH			
		WARNINGS	NONE ISSUED.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature		Sun- shine Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	c	68	58	4.9	0.01
Newton Reigny (Penrith)	29.81	52	E 2	0	29.88	+11	50	47	-4	NE 2	bc	*	097, c	55	46	0.0	0.03
Bath	29.79	61	W 1	0	29.83	+13	59	56	-4	SW 1	0	*	-	69	52	3.3	0.06

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	53	51	0, r	0.0	0.66	Worthing	*	*	*	5.8	*
Birmingham, 9 p.m. ...	61	55	r	0.0	1.14	Llandudno	*	*	*	0.0	*
Lowestoft, up to 6 p.m. ...	72	55	24, cp	4.6	0.16	Rhyl up to 6 p.m. ...	*	*	*	0.0	*
Hastings	*	*	*	8.0	*	Southport, 9 p.m. ...	58	53	g, o	0.0	0.03
Eastbourne up to 6 p.m. ...	*	*	*	6.2	*	Manchester, 9 p.m. ...	63	54	0, c, b	0.0	0.26
Brighton	*	*	*	5.5	*	Darwen, 9 p.m. ...	54	50	ou	0.0	0.29

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. (measured at 7 a.m.)
	Max.	Min.				at 1 p.m.	°		
7. VIII. 02				Ins.	6. VIII. 02			1 p.m.	Ins.
Marseilles	86	63	c o	—	Geneva	75		6	—
Utrecht	68	59	o o	0.04	Berne	79		bc	—
Copenhagen	59	52	o r	0.04	Lucerne	79		6	0.04
Prague	75	63	6 r	—	Lausanne	?		?	—
Vienna	79	63	6 b	—	Lugano	82		6	—
Buda-Pesth	79	63	6 b	—	Locarno	?		?	?
St. Petersburg	66	54	r r	! —					
Rome	90	66	6 b	—					
Malta	86	72	? b	—					
Madeira (Funchal)	75	61	6 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.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

8. VIII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
h. m.	h. m.	h. m.	h. m.
Yarmouth	4.24	11.58	7.33
Greenwich	4.35	12.5	7.36
Wick	4.20	12.17	8.16
Valencia	5.14	12.46	8.20

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.

† Except at Oxford, where the observations are taken at 5 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

SATURDAY 9TH AUGUST.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
																				Ins.	Ins.
SCANDINAVIA.	Haparanda ...	29.75	53	W	2	c	29.84	+0.08	52	51	-3	SW	2	f	-	63	48	*	-		
	Hernösand ...	29.78	54	Z	0	o	29.80	+0.03	59	55	+2	SE	4	bc	-	63	52	*	0.20		
	Stockholm ...	29.79	55	Z	0	b	29.71	-0.08	59	56	+1	SE	6	o	-	64	50	*	-		
	Wisby ...	29.86	56	SSW	2	b	29.64	-0.15	57	56	0	SE	2	o	-	61	48	*	0.12		
	Karlstad ...	29.76	58	SW	2	bc	29.54	-0.25	52	51	-3	ENE	2	+	-	*	*	*	0.67		
	Färder (X'ania Fjord) ...	29.72	57	S	4	o	29.60	-0.17	51	50	-6	N	3	+	-	59	50	*	0.35		
	Bodö ...	29.80	55	Z	0	b	29.76	-0.03	59	54	+6	ENE	2	b	-	59	50	*	-		
	Christiansund ...	29.77	50	N	2	+	?	?	?	49	?	?	?	?	?	50	48	*	0.55		
	Skudesnaes ...	29.80	50	NNW	6	o	29.76	-0.02	49	46	-2	NNW	6	c	-	52	48	*	-		
BRITISH ISLANDS.	Sumburgh Head ...	29.84	50	NNW	2	c	29.92	+0.05	50	45	-2	N	2	c	-	54	45	*	0.06		
	Stornoway ...	29.96	54	N	3	o	30.06	+0.08	52	48	+2	NW	2	o	-	57	45	3.3	-		
	Malin Head ...	30.05	55	NW	4	c	30.12	+0.13	54	54	+2	NW	5	omp	-	57	50	*	0.04		
	Blacksod Pt. ...	30.17	57	NW	3	o	30.26	+0.22	57	55	+2	NNW	4	omp	-	59	54	*	-		
	Valencia ...	30.19	60	N	3	b	30.33	+0.36	57	54	+2	W	2	o	-	62	51	12.5	-		
	Roche's Point ...	30.11	61	NW	2	b	30.28	+0.27	56	54	+1	NW	2	og	-	64	50	*	0.01		
	Parsonstown ...	30.12	59	NNW	1	bc	30.15	+0.18	57	54	+6	W	3	c	-	63	50	9.9	-		
	Donaghadee ...	30.04	57	N	3	bc	30.12	+0.15	54	53	+1	NW	3	o	-	57	52	*	-		
	Liverpool Obsy. ...	30.02	57	NNW	2	bc	30.12	+0.24	55	53	+5	NNW	4	o	-	60	50	*	-		
GERMANY, &c.	Holyhead ...	30.05	56	NNW	3	bc	30.16	+0.28	56	54	+3	NNW	4	c	-	57	51	*	-		
	Pembroke (St. Ann's) ...	30.04	57	NNE	5	b	30.21	+0.42	56	54	-1	NW	4	bc	-	63	50	3.9	0.01		
	Scilly (St. Mary's) ...	30.05	60	N	5	c	30.24	+0.43	59	56	0	NNW	1	b	-	64	56	9.3	-		
	Jersey (St. Aubins) ...	29.99	64	W	4	com	30.23	+0.33	60	56	-2	N	3	com	-	67	57	5.6	-		
	Portland Bill ...	29.96	58	N	3	c	30.21	+0.35	57	54	-1	NW	3	b	-	63	51	*	0.11		
	Dungeness ...	29.91	58	N	3	o	30.15	+0.31	59	55	-1	N	1	bc	-	66	45	*	0.13		
	Wick ...	29.92	53	NE	2	c	29.99	+0.06	52	50	+1	N	3	o	-	57	45	*	0.12		
	Nairn ...	29.92	58	Z	0	c	30.03	+0.08	50	48	-1	WSW	4	c	-	62	46	*	0.11		
	Aberdeen ...	29.95	56	NNE	1	bc	29.99	+0.05	50	46	+1	NW	3	o	-	56	46	5.6	0.04		
FRANCE.	Leith ...	29.94	56	ESE	1	c	30.03	+0.09	60	53	+7	W	2	bc	-	60	50	*	0.01		
	North Shields ...	29.99	53	NNE	1	bc	30.01	+0.10	54	52	+3	NNE	3	op	-	55	47	*	-		
	Spurn Head ...	29.90	53	N	5	c	30.04	+0.19	55	53	+4	W	4	bc	-	58	49	*	0.10		
	Yarmouth ...	29.90	55	NNW	4	c	30.05	+0.29	55	51	-5	W	4	b	-	60	44	*	0.26		
	Loughborough ...	30.00	55	NNW	1	o	30.11	+0.25	54	52	+4	W	4	cqww	-	56	46	*	0.14		
	Oxford ...	30.04	54	NNE	2	op	30.17	+0.36	52	49	-8	WSW	2	o	-	62	46	*	0.18		
	London (Brixton) ...	29.98	56	NE	3	og	30.17	+0.34	55	50	-7	W	2	c	-	65	48	1.0	0.03		
	The Scaw (Skagen) ...	29.75	56	Z	0	c	29.60	-0.19	55	53	0	NW	1	c	-	61	50	*	0.24		
	Fanö ...	29.76	50	NNW	2	+	29.85	+0.02	54	50	-2	NW	6	bc	-	62	50	*	0.43		
SPAN. PEN.	Cuxhaven ...	29.71	60	SW	1	o	29.92	+0.11	55	51	0	NW	4	bc	-	63	54	*	0.06		
	The Helder ...	29.84	56	N	4	+	30.02	+0.26	57	51	-5	NW	3	bc	-	64	54	*	0.12		
	Brussels ...	*	*	*	*	*	30.13	+0.25	56	53	-5	W	2	o	-	72	51	*	0.04		
	Berlin ...	29.78	63	Z	0	bc	29.87	-0.01	56	55	-7	NNW	5	c	-	77	56	*	0.63		
	Frankfurt ...	29.85	67	SW	2	c	30.06	+0.13	57	53	-9	NNW	4	o	-	81	57	*	0.08		
	Munich ...	29.95	61	NW	2	+	30.10	+0.04	59	56	-9	W	6	c	-	81	57	*	0.32		
	C. Gris Nez ...	29.97	58	NE	4	+	30.16	+0.27	55	52	-4	NNW	4	b	-	70	52	*	0.12		
	Brest ...	30.05	64	NNW	2	b	30.25	+0.37	55	55	-5	NE	1	b	-	68	52	*	-		
	Lorient ...	30.04	66	NW	3	bc	30.21	+0.31	58	56	-3	N	3	b	-	72	57	*	0.51		
Rochefort ...	30.05	66	W	6	c	30.17	+0.21	61	60	-3	NNE	3	b	-	72	61	*	-			
SPAN. PEN.	Biarritz ...	30.18	69	NNW	3	bc	30.25	+0.18	63	61	-4	S	1	c	-	70	61	*	0.12		
	Paris ...	29.99	64	NW	3	o	30.16	+0.11	55	54	-4	NNE	2	o	-	72	53	*	0.20		
	Belfort ...	29.91	62	WSW	4	c	30.10	+0.16	57	55	-9	NW	5	m	-	77	54	*	0.06		
	Lyons ...	29.98	71	NW	2	c	30.18	+0.21	61	55	-7	NNW	1	c	-	85	57	*	-		
SPAN. PEN.	Nice ...	29.88	74	WSW	2	bc	29.83	-0.14	74	66	-1	E	1	b	-	84	63	*	-		
	Perpignan ...	29.99	78	NW	4	c	30.14	+0.19	68	59	-2	NW	4	b	-	90	63	*	-		
SPAN. PEN.	Corunna ...																				
	Lisbon ...																				
	Azores (P. Delgada) ...																				

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, 9th August, 1902

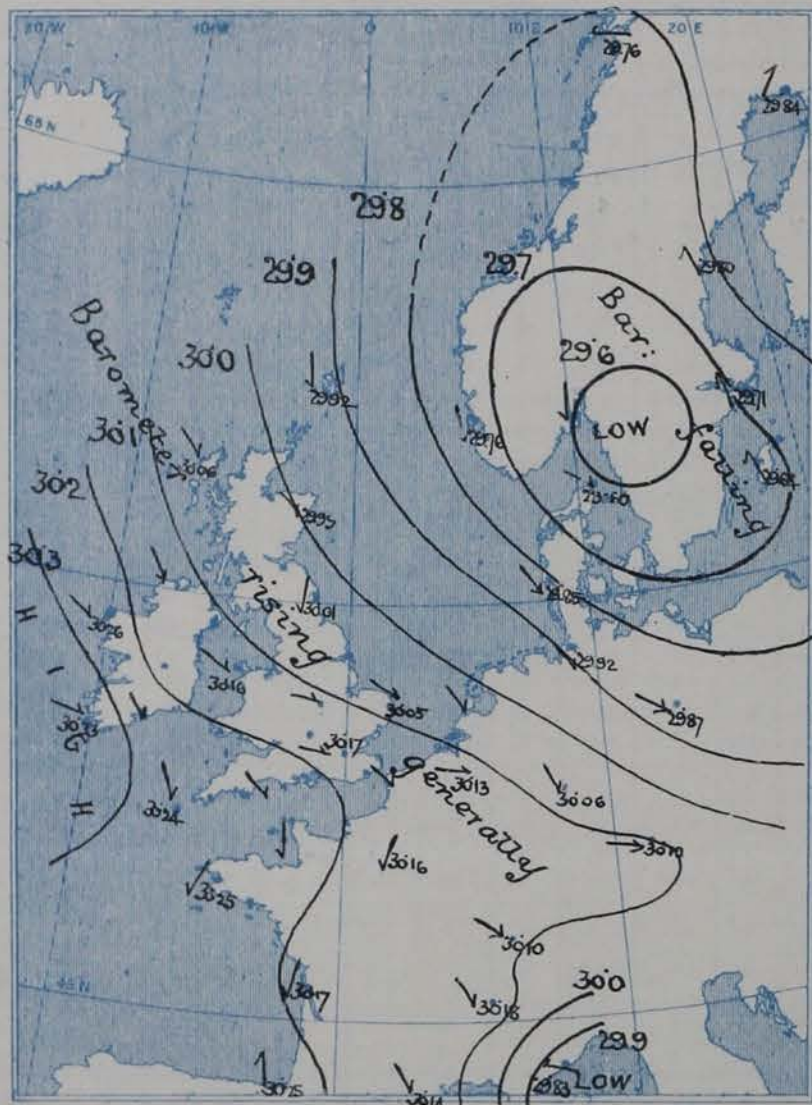
I. BAROMETER, WIND AND SEA. This Morning.

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—0.8



III. BAROMETER AND WIND

Yesterday morning.



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

Specimen (for Stornaway) { Average No of Hours daily } 4.2
{ Total Possible } 15.1



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning the barometer has continued to rise over our Islands and the disturbances then prevailing have disappeared. Pressure is now highest, 30.3 ins. and upwards, on the eastern side of an anticyclone extending from the Atlantic to the south west of Ireland, and lowest, 29.6 ins. and less, in a cyclonic system over the south of Scandinavia. There is also a disturbance over the Gulf of Genoa and a small secondary over Central Ireland.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is North Westerly or Westerly over the United Kingdom and draws into North and North East in the north and west of France. To the eastward of the North Sea there is a complete cyclonic circulation, the North West winds at Skudesnaes and Farsö and the South East wind at Stockholm blowing strongly. Temperature is again low for the time of year in nearly all parts of our area. At Leith, however, it is locally high, the thermometer standing at 60°. Over our Islands as a whole the readings are not much above 50° and no higher than 55° and 56° respectively at Paris and Berlin. The sky is clear at some of our extreme southern and southeastern stations, but over our area generally much cloud prevails and showers are falling both at Shields and in the north of Ireland. In the south of Norway steady rain is reported. The Sea is moderate to smooth.

Rain has been experienced in nearly all parts of Great Britain, the Netherlands, Denmark, Germany, and parts of France and Scandinavia. During yesterday temperature rose to 81° at Munich and Frankfurt, to 85° at Lyons and to 90° at Perpignan, but did not touch 70° at any of our own stations. Bright Sunshine was very deficient in most parts of England and Scotland, but was fairly abundant at Scilly and over Ireland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The western anticyclone will probably spread somewhat further over the Kingdom and although the small secondary disturbances over Central Ireland may cause some showers in a few extreme western localities, the weather over our Islands generally is likely to remain fair.

FORECASTS *

For the 24 hours ending at NOON on 10th August 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	N ^{ly} and NW ^{ly} winds, light or moderate: fair and cool.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Wind light and chiefly W ^{ly} ; fair as a whole. Rather cool.
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.	Same as Nos 2 to 5.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	N ^{ly} and NW ^{ly} winds, light or moderate: fair generally, but local 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	*	*	*	*	*	*	*	*	*	*	*	b	*	c, b	62	48	1.4	0.07
Newton Reigny (Penrith)	29.99	50	NE 2	c	30.05	+1.7	51	48	+1	NW 3	b	*	c, sm, b	59	44	3.0	—	
Bath	30.00	57	W 1	o	30.20	+3.7	?55	?53	-4	W 1	o	*	—	66	46	2.0	0.15	

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	57	47	c	1.3	0.36	Worthing	*	*	*	3.7	*
Birmingham, 9 p.m. ...	57	49	c	0.6	0.34	Llandudno	*	*	*	6.5	*
Lowestoft, up to 6 p.m. ...	60	52	o	0.0	0.31	Rhyl up to 6 p.m. ...	*	*	*	6.0	*
Hastings	*	*	*	3.2	*	Southport, 9 p.m. ...	60	49	sw	3.2	0.04
Eastbourne up to 6 p.m. ...	*	*	*	5.2	*	Manchester, 9 p.m. ...	62	49	c, sm	0.0	0.09
Brighton	*	*	*	4.8	*	Darwen, 9 p.m. ...	55	46	cm, w	0.3	0.30

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

STATIONS. 8 TH AUGUST	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 7 TH AUGUST	TEMPERATURE, F. at 1 p.m.	WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.) Ins.
	Max. °	Min. °						
Marseilles	84	64	o, c	—	Geneva	81	bc	—
Utrecht	68	55	c, o	0.04	Berne	79	c	—
Copenhagen	57	54	r, o	0.55	Lucerne	75	c	—
Prague	84	63	o, c	0.16	Lausanne	?	?	—
Vienna	86	66	o, c	0.04	Lugano	81	c	—
Buda-Pesth	90	72	c, c	—	Locarno	?	?	—
St. Petersburg	?	?	c, f	—				
Rome	91	69	o, b	—				
Malta	84	77	c	—				
Madeira (Funchal)	Not received							

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

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

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

	Hours of Morning Observations by Local Standard Time.	Corres- ponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding Greenwich Times.	3 RD AUGUST 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	4.26	11.58	7.31
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4.37	12.5	7.34
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	4.22	12.17	8.13
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	5.16	12.46	8.18
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.						

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

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

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at 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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

1902

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.	Weather.	Temp.		Sun- shine.	Rainfall.		
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.)	(0 to 9.)	Max.	Min.	Hours	Inch.						
Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	°	°	°	°	°	°	°	°	°	°	°	°				
SCANDINAVIA.	Haparanda ...	29.88	55	SE	5	b	29.77	-0.7	58	55	+6	NE	b	c	*	-	61	50	*	-	
	Hernösand ...	29.65	56	Z	0	f	29.47	-3.3	54	51	-5	S	b	bc	*	-	63	50	*	0.87	
	Stockholm ...	29.58	54	SSW	2	b	29.50	-2.1	55	52	-4	SW	b	bc	*	-	61	50	*	0.24	
	Wisby ...	?	58	?	4	b	?	?	55	50	-2	?	4	o	*	-	61	46	*	0.12	
	Karlstad ...	29.45	51	SW	4	o	29.38	-1.6	51	48	-1	WSW	2	o	*	-	*	*	*	0.55	
	Færder (X'lanta Fjord) ...	29.45	50	WNW	6	+	29.41	-1.9	52	49	+1	WNW	4	+	3	-	58	48	*	0.63	
	Bodö ...	29.78	63	Z	0	b	29.76	-0.0	62	53	+3	ENE	2	b	1	-	64	54	*	-	
	Christiansund ...	29.71	51	N	2	+	29.61	?	49	48	?	N	2	+	2	-	54	48	*	0.00	
	Skudesnaes ...	29.78	50	NNW	9	o	29.69	-0.7	48	45	-1	NNW	8	c	4	o, c, b, r	54	46	*	*	
BRITISH ISLANDS.	Sumburgh Head ...	29.94	48	NW	3	o	29.82	-1.0	49	45	-1	NW	4	c	4	c, o	53	43	*	0.05	
	Stornoway ...	30.03	51	N	1	+	30.05	-0.1	47	45	-5	NW	3	o	3	+	57	43	1.0	0.30	
	Malin Head ...	30.13	55	WNW	5	omp	30.11	-0.1	51	49	-3	NNW	5	cp	4	a, omp	57	49	*	0.09	
	Blacksod Pt. ...	30.26	58	WNW	4	o	30.19	-0.7	56	55	-1	WNW	4	cp	3	c, o	60	52	*	0.10	
	Valencia ...	30.34	59	WNW	4	bc	30.27	-0.6	58	55	+1	WNW	3	cp	4	c, bc	61	55	8.7	0.02	
	Roche's Point ...	30.28	60	NNW	4	op	30.22	-0.6	57	55	+1	NNW	3	o	2	o, op	63	52	*	0.02	
	Parsonstown ...	30.25	58	NW	2	o	30.18	+0.3	56	63	-1	W	3	o	*	cp, o	63	52	2.8	0.02	
	Donaghadee ...	30.16	55	NNE	2	cp	30.07	-0.5	52	48	-2	NW	4	cpq	3	-	59	49	*	0.05	
	Liverpool Obsy. ...	30.34	55	WNW	4	a	30.02	-1.0	55	52	0	NNW	6	b	5	cp, o	60	53	*	0.06	
GERMANY, &c.	Holyhead ...	30.17	58	WSW	2	c	30.08	-0.8	53	52	-3	NW	6	cp	4	cp, c	61	52	*	0.12	
	Pembroke (St. Ann's) ...	30.21	58	W	4	c	30.13	-0.8	56	65	0	NW	6	cqg	4	-	60	65	7.5	-	
	Scilly (St. Mary's) ...	30.29	60	NNW	3	bc	30.24	-0.0	59	56	0	NNW	4	bc	1	b, bc	63	55	12.5	-	
	Jersey (St. Aubin's) ...	30.25	63	WNW	3	bm	30.20	-0.3	60	58	0	W	3	c	3	bm, w	66	53	11.7	-	
	Portland Bill ...	30.21	60	WNW	4	bc	30.14	-0.7	57	56	0	WNW	4	c	3	c, bc	61	56	*	-	
	Dungeness ...	30.17	61	WNW	2	o	30.06	-0.9	59	56	0	WNW	5	c	2	og, o	66	51	*	-	
	Wick ...	29.96	53	N	2	o	29.94	-0.5	47	45	-5	N	3	o	2	-	56	43	*	0.02	
	Nairn ...	30.01	56	WNW	2	o	29.99	-0.4	49	46	-1	WNW	4	c	1	-	62	44	*	0.25	
	Aberdeen ...	30.02	53	NW	1	o	29.94	-0.5	49	46	-1	NW	3	b	2	og, o	57	44	1.7	0.18	
FRANCE.	Leith ...	30.03	58	W	2	c	29.99	-0.4	56	50	-4	NNW	2	bc	*	-	68	49	*	0.07	
	North Shields ...	30.05	55	ESE	2	c	29.91	-1.0	51	49	-3	N	3	c	3	c, p	57	49	*	-	
	Spurn Head ...	30.08	56	ENE	3	bc	29.91	-1.3	57	54	+2	W	5	c	3	-	60	52	*	-	
	Yarmouth ...	30.07	59	N	3	bc	29.94	-1.1	56	54	+1	W	5	c	3	c, bc	60	49	*	0.01	
	Loughborough ...	30.13	60	WNW	2	c	30.00	-1.1	57	54	+3	W	5	bcqr	*	cp, b, c, q	63	51	*	0.01	
	Oxford ...	30.17	56	WNW	2	o	30.07	-1.0	57	54	+5	WSW	2	o	*	o, p	61	51	*	-	
	London (Brixton) ...	30.16	58	WNW	2	c	30.06	-1.1	59	54	+4	WNW	2	bc	*	o, c, p	60	50	1.1	0.01	
	The Scaw (Skagen) ...	29.60	54	W	4	c	29.50	-1.0	53	49	-2	WNW	6	bc	0	-	61	50	*	0.04	
	Fanö ...	29.88	52	WNW	8	o	29.83	-0.2	52	49	-2	W	4	c	*	-	59	50	*	0.04	
SPAN. PEN.	Cuxhaven ...	29.95	56	NW	5	o	29.91	-0.1	54	51	-1	WSW	4	+	*	24, o	59	52	*	0.16	
	The Helder ...	30.04	57	NW	4	bc	29.89	-1.3	57	55	0	W	2	c	2	-	63	55	*	0.14	
	Brussels ...	*	*	*	*	*	30.07	-0.6	56	54	0	WSW	2	o	*	-	64	51	*	-	
	Berlin ...	30.01	57	W	2	b	29.99	+1.2	55	52	-1	W	3	o	*	-	68	50	*	-	
	Frankfurt ...	30.14	58	NW	2	c	30.11	+0.5	54	50	-3	SW	2	o	*	-	66	52	*	-	
	Munich ...	30.21	58	SW	3	o	30.18	+0.8	57	53	-2	SW	3	bc	*	-	63	54	*	0.32	
	C. Gris Nez ...	30.20	59	W	5	o	30.13	-0.3	56	52	+1	W	4	o	4	-	64	54	*	-	
	Brest ...	30.30	61	NNW	3	b	30.26	+0.1	58	55	+3	NNW	1	c	1	-	66	52	*	-	
	Lorient ...	30.26	66	N	3	b	30.23	+0.2	54	54	-4	N	3	bc	2	-	75	52	*	-	
SPAN. PEN.	Rochefort ...	30.19	67	NNW	4	b	30.16	-0.1	60	57	-1	E	2	c	*	-	72	55	*	-	
	Biarritz ...	30.25	69	NE	2	bc	30.21	-0.4	63	61	0	NE	1	f	2	-	73	61	*	-	
	Paris ...	30.20	64	N	3	bc	30.18	+0.2	52	50	-3	SSW	2	c	*	-	68	46	*	0.08	
	Belfort ...	30.13	62	WNW	3	c	30.13	+0.3	52	51	-5	WSW	3	m	*	-	68	48	*	-	
	Lyons ...	29.77	67	N	1	b	29.78	-0.0	61	55	0	NNW	2	b	*	-	74	54	*	-	
	Nice ...	29.84	77	E	2	b	29.86	+1.3	72	65	-2	Z	*	b	1	-	82	63	*	-	
	Perpignan ...	30.11	75	NW	4	b	30.12	-0.2	69	60	+2	W	2	b	*	-	82	67	*	-	
	Corunna ...	30.15	68	N	4	b	30.15	-0.4	63	59	+2	NE	1	b	3	-	70	55	*	-	
	Lisbon ...	30.03	71	NNW	5	b	30.07	+0.2	69	63	-2	NW	3	b	*	-	84	61	*	-	
Azores (P. Delgada) ...	30.08	70	E	4	o	30.09	+0.5	70	68	+2	ESE	4	c	5	-	75	66	*	0.35		

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, 10th AUGUST, 1902

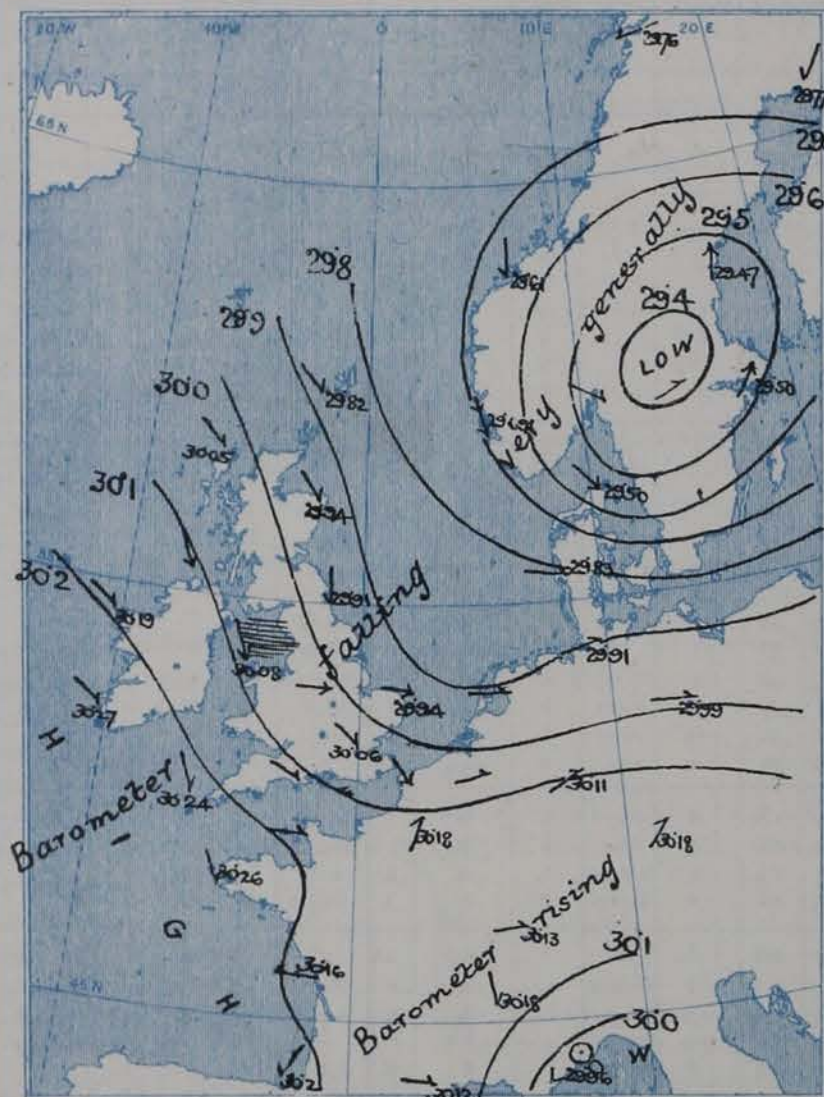
I. BAROMETER, WIND AND SEA. This Morning.

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—0.8



III. BAROMETER AND WIND

Yesterday morning.



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

Specimen (Average No of Hours daily) 4.2
(for Stornaway) (Total Possible) 15.1



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is highest, 30.2 ins. and upwards, in an anticyclone extending from the Atlantic over the southwest of Ireland, Brittany, and the Bay of Biscay, and low, at 29.4 ins. and less, in a rather deep disturbance over the south of Sweden. The mercury is at present falling in almost all parts of western Europe, and there are several local irregularities in pressure over our Islands and the North Sea.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind shows a complete circulation around the disturbance noticed above, being Northwesterly over Norway and our Islands, Westerly over Germany and Denmark, Southwesterly or southerly at Stockholm and Helsingfors, and Northeasterly in Lapland. Temperature is now below the mean in nearly all parts of our area, the deficit being greatest in Scotland and the north of England. The readings over our Islands range from 60° at Jersey, and 59° at Scilly, Dungeness, and in London to 51° at Shields, and 47° at Wick and Stornoway. The continental values range from 72° at Nice, to 52° at Paris, and from 62° at Bodo to 55° at Stockholm and to 48° at Skudersnes. The weather, although temporarily fair in some districts, is in a very changeable condition generally, with showers in many parts of these Islands and steady rain in the west of Norway. The sea is rather rough at Liverpool, moderate to smooth elsewhere.

The highest temperature recorded in the United Kingdom yesterday was 68° at Leith, but in many places the maxima were no higher than 60°, and at many northern and northwestern stations below that value. Considerable amounts of rain fell in Scandinavia and smaller quantities in our Islands and Germany. Very little bright sunshine was registered except at Penzance, Scilly, and Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 16th August 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

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

WARNINGS

- 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. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	b, c	63	50	4.0	0.01
Newton Reigny (Penrith)												*					
Bath	30.18	61	W 3	b	30.10	-10	59	55	+4	W 3	b	*	-	63	53	1.5	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	64	45	c, o, bc	5.8	-	Worthing	*	*	*	3.1	*
Birmingham, 9 p.m. ...	59	46	c	0.1	-	Llandudno	*	*	*	1.8	*
Lowestoft, up to 6 p.m. ...	*	*	*	*	*	Rhyl up to 6 p.m. ...	*	*	*	*	*
Hastings	*	*	*	5.6	*	Southport, 9 p.m. ...	61	52	c, c, r	4.6	0.01
Eastbourne up to 6 p.m. ...	*	*	*	*	*	Manchester, 9 p.m. ...	*	*	*	*	*
Brighton	*	*	*	*	*	Darwen, 9 p.m. ...	*	*	*	*	*

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

STATIONS. 9 th AUGUST	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 8 th AUGUST	TEMPERATURE, F. at 1 p.m.	WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	86	66	c, b	Ins.	Geneva	82	bc	—
Utrecht... ..	70	48	c, c	—	Berne	75	- o	0.24
Copenhagen... ..	59	52	r, c	0.16	Lucerne	75	c	0.51
Prague	75	63	c, o	0.16	Lausanne... ..	?	?	—
Vienna	75	63	b, o	—	Lugano	82	b	0.51
Buda-Pesth	84	66	c, c	—	Locarno	?	?	—
St. Petersburg	70	52	r, o	0.08				
Rome	93	71	b, c	—				
Malta	86	79	b	—				
Madeira (Funchal)	NOT RECEIVED							

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

19 th AUGUST 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.27	12.58	7.29
Greenwich	4.38	12.5	7.32
Wick	4.24	12.17	8.10
Valencia	5.17	12.46	8.16

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

MONDAY 11th AUGUST

1902

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 shin. Hours	Rainfall. Inch.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Weather.	Max.			Min.	
																					Ins.
		Ins.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	°		
SCANDINAVIA.																					
Haparanda		29.56	56	E	6	+	29.52	-25	55	51	-3	SE	6	bc	-	-	59	48	0.7		
Hernösand		29.50	54	SE	2	o	29.51	+04	52	50	-2	S	2	o	-	-	59	52	0.08		
Stockholm		29.54	53	SSW	2	+	29.56	+05	57	52	+2	SSE	4	bc	-	-	59	46	-		
Wisby		29.66	55	SW	4	b	29.66	?	55	53	?	S	2	c	-	-	61	48	0.08		
Karlstad		29.43	52	SW	4	o	29.40	+02	50	49	-1	S	2	+	-	-	-	-	0.59		
Færder (X'ianla Fjord)		29.37	57	W	5	o	29.36	-05	53	50	+1	NNW	4	c	3	-	57	52	0.20		
Bodö		29.66	60	ESE	1	o	29.58	-18	56	51	-6	Z	0	b	1	-	68	54	-		
Christiansund		29.47	51	N	2	+	29.46	-15	52	51	-3	NNE	2	o	2	-	52	48	-		
Skudesnaes		29.58	50	NW	6	o	29.48	-21	50	50	+2	NNW	6	+	3	7.0	52	48	-		
Sumburgh Head		29.77	48	NW	4	+	29.73	-09	48	47	-1	NW	5	+	6	0.1	52	46	0.15		
Stornoway		30.07	50	N	5	c	30.00	-05	54	51	+7	NNW	3	o	3	tg, or, c	54	45	3.0		
Malin Head		30.11	52	NNW	5	bc	30.10	-01	54	50	+3	NW	5	c	4	bc, bc	54	49	0.02		
Blacksod Pt.		30.21	56	NNW	3	c	30.17	-02	53	51	-3	SSW	3	opm	3	bc, c	59	48	0.01		
Valencia		30.24	60	WNW	5	c	30.23	-04	57	55	-1	W	2	op	4	bc, c	61	53	7.6		
Roche's Point		30.17	63	NNW	4	b	30.21	-01	54	50	-3	WNW	2	o	1	c, b	63	51	0.01		
Parsonstown		30.14	59	NW	1	c	30.20	+02	50	48	-6	NE	1	o	-	p, c	63	43	-		
Donaghadee		30.08	53	NNE	4	bc	30.11	+04	50	48	-2	NW	2	bc	2	-	55	46	-		
Liverpool Obsy.		30.03	54	WNW	5	c	30.08	+06	50	50	-5	NW	3	+	3	c, p	57	48	0.02		
Holyhead		30.09	54	N	3	c	30.12	+04	53	51	0	NW	6	cq	4	c	57	50	-		
Pembroke (St. Ann's)		30.09	57	NW	3	c	30.16	+03	53	51	-3	NNW	4	cq	3	-	60	49	3.9		
Scilly (St. Mary's)		30.18	61	NW	4	c	30.18	-06	58	55	-1	NNW	4	c	2	bc, c	64	54	9.2		
Jersey (St. Aubins)		30.14	63	W	4	bc	30.14	-06	59	53	-1	WNW	3	o	3	bc, g	64	54	9.3		
Portland Bill		30.07	61	NW	5	bc	30.11	-03	54	49	-3	NNW	4	c	2	bc	62	52	-		
Dungeness		30.00	59	NW	4	o	30.02	-04	53	50	-6	NNW	5	b	2	c, o	66	42	0.03		
Wick		29.94	48	N	4	o	29.89	-05	49	45	+2	N	5	c	2	-	52	44	0.02		
Nairn		29.99	51	N	3	c	29.95	-04	52	49	+3	W	3	c	1	-	55	41	-		
Aberdeen		29.94	48	NW	4	bc	29.89	-05	51	46	+2	WNW	3	b	3	c, bc	54	45	10.4		
Leith		29.95	56	NNW	3	c	29.96	-03	56	50	0	W	3	bc	*	-	64	43	-		
North Shields		29.95	52	N	3	p	29.98	+07	50	45	-1	W	3	bc	3	-	56	39	0.02		
Spurn Head		29.95	53	NNE	6	bc	29.99	+08	51	47	-6	WNW	4	bc	3	-	58	46	0.08		
Yarmouth		29.96	57	NNW	4	cv	29.97	+03	54	49	-2	NW	4	bc	2	bc, cv	60	46	0.02		
Loughborough		30.01	58	WNW	5	b	30.05	+05	52	48	-5	WNW	2	bcw	*	bc, b, g, b	63	42	-		
Oxford		30.05	53	NW	2	b	30.08	+01	53	48	-4	NW	1	b	*	c, p, b	64	46	0.03		
London (Brixton)		30.04	61	NW	4	bc	30.06	00	52	48	-7	NW	2	bc	*	qp, bc, b	64	44	0.05		
The Scaw (Skagen)		29.48	53	W	6	o	29.38	-12	51	50	-2	SW	3	o	1	-	57	50	0.20		
Fanö		29.70	49	W	3	b	29.57	-26	53	52	+1	W	9	+	*	-	57	49	0.32		
Cuxhaven		29.73	56	SW	3	b	29.76	-15	54	50	0	W	3	c	*	c, bc	57	50	0.51		
The Helder		29.87	54	NW	5	bc	29.88	+03	55	51	-2	NW	3	bc	3	-	61	52	0.12		
Brussels		*	*	*	*	*	29.98	-09	52	49	-4	WNW	1	o	*	-	65	48	0.12		
Berlin		29.86	57	W	1	+	29.85	-14	54	50	-1	W	4	b	*	-	64	50	-		
Frankfurt		29.96	57	SW	2	c	29.95	-16	52	50	-2	NNW	2	+	*	-	66	52	0.04		
Munich		30.07	57	W	2	o	30.00	+18	54	53	-3	SW	2	o	*	-	66	52	0.04		
C. Gris Nez		30.05	59	WSW	5	o	30.06	-07	50	49	-6	WNW	5	o	5	-	64	?	0.08		
Brest		30.23	62	NNW	1	bc	30.21	-05	58	56	0	NNW	2	bc	2	-	64	57	-		
Lorient		30.18	66	N	4	bc	30.19	-04	58	56	+4	NW	3	b	2	-	70	54	-		
Rocheport		30.11	66	NW	4	bc	30.21	+05	61	57	+1	N	3	bc	*	bc	70	57	-		
Biarritz		30.19	68	NNW	2	o	30.23	+02	64	60	+1	N	3	o	2	-	72	63	-		
Paris		30.08	63	WNW	2	o	30.07	-11	56	52	+4	WNW	2	c	*	-	69	51	-		
Belfort		30.02	59	WSW	4	m	30.00	-13	50	49	-2	W	5	+	*	-	67	50	-		
Lyons		30.03	66	NNE	1	o	30.10	-08	56	49	-5	NW	2	bc	*	-	73	55	-		
Nice		29.91	71	S	1	bc	29.79	-17	69	61	-13	E	1	b	0	-	82	64	-		
Perpignan		29.99	78	W	2	b	30.06	-06	68	60	-1	NW	1	o	*	-	87	66	-		
Corunna																					
Lisbon																					
Azores (P. Delgada)		30.16	70	E	4	o	30.13	+04	70	67	0	ESE	5	c	5	-	73	68	-		

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, 11th August, 1902*

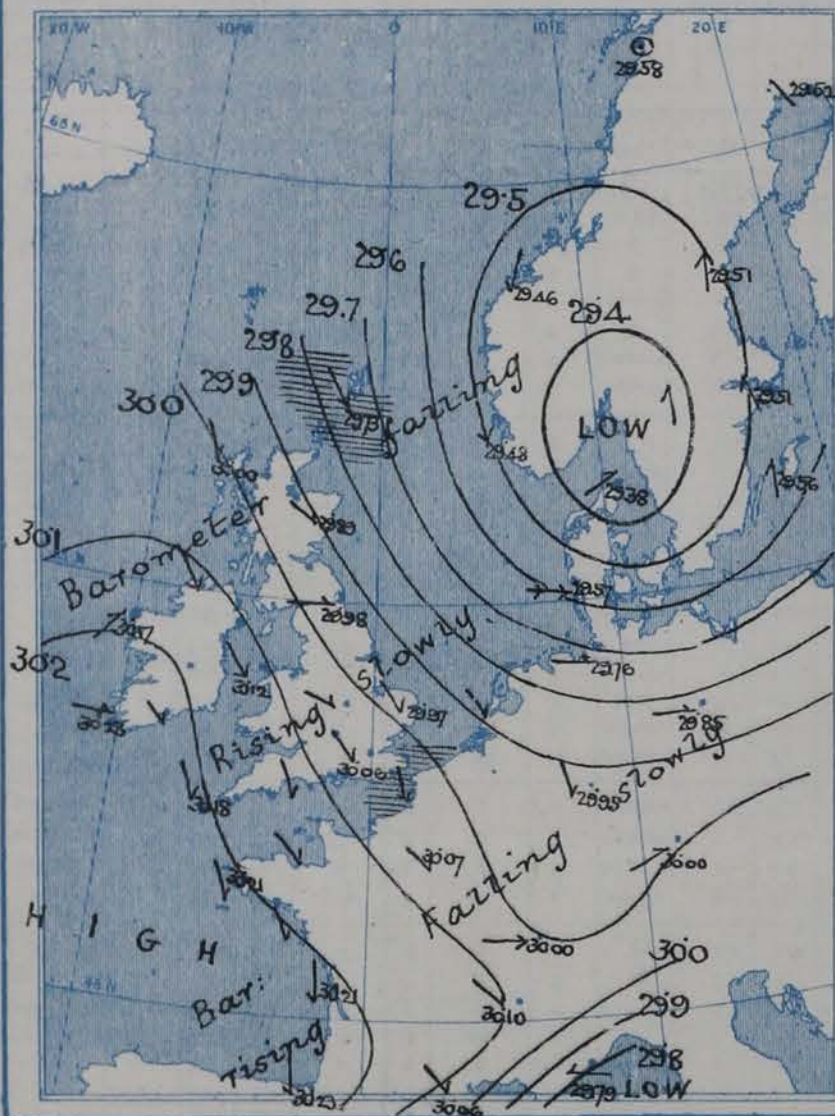
I. BAROMETER, WIND AND SEA. *This Morning.*

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 AUGUST.

Specimen (for Stornaway) { Average No of Hours daily 4.2
Total Possible 15.1



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure now ranges from 30.2 ins. and more over the south of Ireland and the Bay of Biscay to 29.4 ins. and less in the depression which is still lying over the southern parts of Scandinavia. The barometer has risen a little over Great Britain, but on our extreme north west coasts it has begun to fall again in the night.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is cyclonic over Scandinavia and the eastern shores of the north, and blows hard from West at Farsö. In Great Britain it is mainly from North West - strong at Holyhead, but in Ireland it has backed to West or South West, at the extreme western and northern stations. Over the Bay of Biscay it is Northerly. Temperature has risen a little in Scotland and the north of Ireland, fallen in most other places. In our Islands it ranges from 59° at Lersey and 58° at Scilly Islands, to 52° in London, 49° at Newton Raigny, and 48° at Sumburgh Head. The values are all below the average but specially those in the east and north; at Frankfurt it is 52°, at Biarritz 64°, and at Nice 69°. The weather in our Islands is temporarily fine, except in the west of Ireland, where it is showery; it is unsettled on the Continent, and rainy in some places. Sea is rough in the north, moderate in the west, slight elsewhere.

During last night the minimum shade temperature were very low; 42° at Loughborough and Dungeness, 43° at Aberdeen and Parsonstown, 44° in London. Squally showery weather was general over Great Britain. Bright sunshine was slight except at a few southern stations and locally in the north west and north.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

From the renewed fall of the barometer in the north west, it appears that a new depression is advancing to our north west coasts. A temporary backing to South West is probable generally with milder air, but settled weather is not indicated.

FORECASTS *

For the 24 hours ending at NOON on 12th August 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	SW ^{ly} winds, moderate, milder, showery.
1	{ SCOTLAND EAST	Wind backing from SW to NW; temperature rising, weather fair to showery.
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	NW ^{ly} winds, light; fine, cold, then SW ^{ly} , moderate, milder, and eventually showery.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Wind shifting to NW again; moderate, milder, showery.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

WARNINGS

NONE ISSUED.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar.	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	*	*	*	*	*	*	*	*	*	bc	*	bc, o	64	44	5.8	0.30
Newton Reigny (Penrith) ...	29.97	50	W 3	c	30.00	49	46		WNW 2	o	*	c	60	37	6.5	0.01
Bath	30.05	62	W 4	o	30.11 +01	53	47	-6	W 2	b	*	-	66	45	8.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	59	48	cr	5.9	0.06	Worthing	*	*	*	2.4	*
Birmingham, 9 p.m. ...	61	49	b	9.1	0.02	Llandudno	*	*	*	6.9	*
Lowestoft, up to 6 p.m. ...				?		Rhyl up to 6 p.m. ...	*	*	*	6.1	*
Hastings	*	*	*	0.9	*	Southport, 9 p.m. ...	56	52	cp, bc	11.8	-
Eastbourne up to 6 p.m. ...	*	*	*	2.7	*	Manchester, 9 p.m. ...					
Brighton	*	*	*	1.5	*	Darwen, 9 p.m. ...	58	49	cr	5.2	0.37

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

STATIONS. 10. VII. 02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 9. VIII. 02	TEMPERATURE, F. at 1 p.m. °	WEATHER.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	Foreign		Information has not yet rec'd		Geneva			Ins.
Utrecht..					Berne			
Copenhagen... ..					Lucerne			
Prague					Lausanne			
Vienna					Lugano			
Buda-Pesth					Locarno			
St. Petersburg								
Rome								
Malta								
Madeira (Funchal)								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	11. VII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	4.30	11.58	7.26
Germany, Denmark Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4.40	12.5	7.30
France	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	4.36	12.17	8.8
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	5.19	12.46	8.14
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.						

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DAILY WEATHER REPORT

for 8 a.m. on

TUESDAY 12TH AUGUST.

1902

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- shat. Hours.	Rainfall. Ins.		
							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.
Ins.		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.)	Weather.	Max.	Min.	Sun- shat. Hours.	Rainfall. Ins.					
SCANDINAVIA.	Haparanda ...	29.69	51	S	2	b	29.72	+20	53	52	-2	SE	2	+	-	59	50	*	0.08		
	Hernösand ...	29.59	48	Z	0	b	29.60	+09	54	50	+2	S	2	0	-	59	48	*	-		
	Stockholm ...	29.52	52	SSE	2	bc	29.51	-04	56	54	-1	S	2	c	-	61	46	*	0.12		
	Wisby ...	29.57	54	S	2	0	29.57	+01	55	53	0	SW	2	bc	-	59	46	*	0.08		
	Karlstad ...	29.45	52	E	2	0	29.56	+16	52	50	+2	NE	2	0	-	59	46	*	0.12		
	Færder (K'iania Fjord)	29.44	56	N	2	bc	29.57	+21	55	51	+2	NNE	4	b	-	56	52	*	-		
	Bodö ...	29.61	54	E	4	bc	29.66	+08	54	48	-2	ENE	2	bc	-	57	48	*	-		
	Christiansund ...	29.59	52	NNE	5	+	29.72	+26	49	48	-3	NNE	4	+	-	52	48	*	0.28		
Skudesnaes ...	29.54	51	NNW	6	0	29.65	+17	51	49	+1	NNW	4	0	-	54	48	*	-			
BRITISH ISLANDS.	Sumburgh Head ...	29.77	49	NW	4	0	29.92	+19	48	45	0	NW	3	0	-	51	46	*	0.05		
	Stornoway ...	29.98	58	N	3	c	30.08	+08	48	45	-6	NNE	3	ov	-	59	45	10.5	-		
	Malin Head ...	30.03	55	NW	5	c	30.06	-04	55	54	+1	E	1	b	-	57	49	*	0.05		
	Blacksod Pt. ...	30.11	59	W	4	om	30.10	-07	57	56	+4	NW	3	op	-	62	53	*	0.02		
	Valencia ...	30.22	60	W	4	0	30.17	-06	59	58	+2	NW	2	og	-	61	56	2.4	0.07		
	Roche's Point ...	30.15	61	NW	4	c	30.11	-10	60	58	+6	NNW	3	c	-	61	53	*	0.06		
	Parsonstown ...	30.10	60	W	2	cp	30.09	-11	60	57	+10	NW	2	c	-	61	49	0.4	0.04		
	Donaghadee ...	30.05	52	NW	2	+	30.06	-05	54	52	+4	NNW	4	b	-	58	50	*	0.13		
Liverpool Obsy. ...	30.07	55	WNW	4	op	30.03	-05	52	51	+2	NNW	1	+	-	57	50	*	0.17			
Holyhead ...	30.08	55	WSW	3	op	30.03	-09	54	53	+1	NE	2	c	-	57	51	*	0.18			
Pembroke (St. Ann's)	30.12	55	W	4	c	30.01	-15	58	57	+5	NW	5	cgmp	-	58	52	1.2	0.09			
GERMANY, &c.	Scilly (St. Mary's) ...	30.21	61	WNW	1	c	30.11	-07	59	58	+1	WNW	5	m	-	63	55	6.5	0.02		
	Jersey (St. Aubin's) ...	30.18	58	WNW	3	cg	30.13	-01	60	56	+1	W	5	c	-	60	53	1.6	-		
	Portland Bill ...	30.12	58	WNW	4	c	30.06	-05	57	56	+3	W	4	op	-	59	54	*	0.02		
	Dungeness ...	30.08	61	NW	3	bc	30.03	+01	53	52	0	WNW	2	og	-	64	48	*	0.02		
	Wick ...	29.92	50	N	6	0	30.00	+11	48	47	-1	N	2	b	-	54	44	*	0.03		
	Nairn ...	29.94	57	NW	3	b	30.03	+08	50	46	-2	W	1	0	-	62	46	*	-		
	Aberdeen ...	29.90	54	NW	2	b	30.00	+11	49	46	-2	NW	2	og	-	58	44	13.1	-		
	Leith ...	29.95	56	W	1	c	30.00	+04	57	51	+1	SW	2	b	-	66	44	*	0.13		
North Shields ...	29.94	55	NW	3	+	30.00	+02	49	47	-3	NW	2	0	-	59	44	*	0.06			
FRANCE.	Spurn Head ...	29.99	55	WNW	4	bc	29.99	-00	53	51	+2	NW	3	b	-	60	50	*	-		
	Yarmouth ...	29.98	60	WNW	2	bc	29.96	-01	55	51	+1	WNW	3	bc	-	60	48	*	0.07		
	Loughborough ...	30.05	56	WNW	4	c	30.02	-03	55	53	+3	WNW	2	cm	-	60	49	*	0.11		
	Oxford ...	30.10	54	WNW	3	b	30.03	-05	54	53	+1	W	2	ot	-	61	49	*	0.02		
	London (Brixton) ...	30.05	58	WNW	2	b	30.02	-04	55	53	+3	W	1	0	-	61	49	3	0.05		
	The Scaw (Skagen) ...	29.47	54	W	1	bc	29.54	+16	55	53	+4	N	2	bc	-	61	50	*	-		
	Fanö ...	29.66	54	WNW	9	0	29.67	+10	55	53	+2	WNW	4	c	-	57	53	*	0.67		
	Cuxhaven ...	29.80	54	W	6	+	29.79	+03	55	51	+1	W	5	0	-	57	52	*	0.51		
The Helder ...	29.93	55	WNW	3	c	29.89	+01	55	52	0	NW	3	+	-	57	54	*	0.04			
SPAN. PEN.	Brussels ...	29.93	55	W	3	+	30.03	+05	51	51	-1	WSW	1	+	-	61	48	*	0.08		
	Berlin ...	29.85	57	W	2	bc	29.87	+02	54	50	0	WSW	4	c	-	64	48	*	-		
	Frankfurt ...	30.03	53	SW	2	0	30.04	+09	52	49	0	SW	2	c	-	63	48	*	0.16		
	Munich ...	30.08	49	W	6	0	30.09	+09	45	45	-9	NW	4	+	-	59	45	*	0.24		
	C. Gris Nez ...	30.09	58	NW	4	0	30.05	-01	51	50	+1	W	3	0	-	64	50	*	-		
	Brest ...	30.24	60	NNW	2	b	30.20	-01	59	57	+1	NW	1	b	-	64	55	*	-		
	Lorient ...	30.23	63	NW	3	b	30.21	+02	57	56	-1	NW	1	b	-	66	54	*	-		
	Rochefort ...	30.16	65	N	4	c	30.21	-00	57	54	-4	NNE	3	bc	-	70	52	*	-		
SPAN. PEN.	Biarritz ...	30.26	68	N	2	b	30.27	+04	64	59	0	N	4	c	-	72	59	*	0.06		
	Paris ...	30.10	60	NW	2	bc	30.11	+04	52	49	-4	SW	2	0	-	68	45	*	-		
	Belfort ...	30.04	55	W	3	0	30.07	+07	49	48	-1	Z	0	m	-	61	41	*	0.18		
	Lyons ...	30.12	58	N	1	+	30.14	+04	54	51	-2	NW	1	0	-	69	51	*	0.04		
SPAN. PEN.	Nice ...	29.96	71	E	1	b	29.87	+08	61	58	-3	N	0	0	-	82	61	*	-		
	Perpignan ...	30.07	71	NW	4	b	30.14	+08	64	57	-4	W	4	b	-	80	62	*	-		
SPAN. PEN.	Corunna ...																				
	Lisbon ...	30.11	66	N	5	b	30.10	+01	73	64	+2	NNW	2	b	-	81	63	*	-		
SPAN. PEN.	Azores (P. Delgada)																				

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, 12th August, 1902*

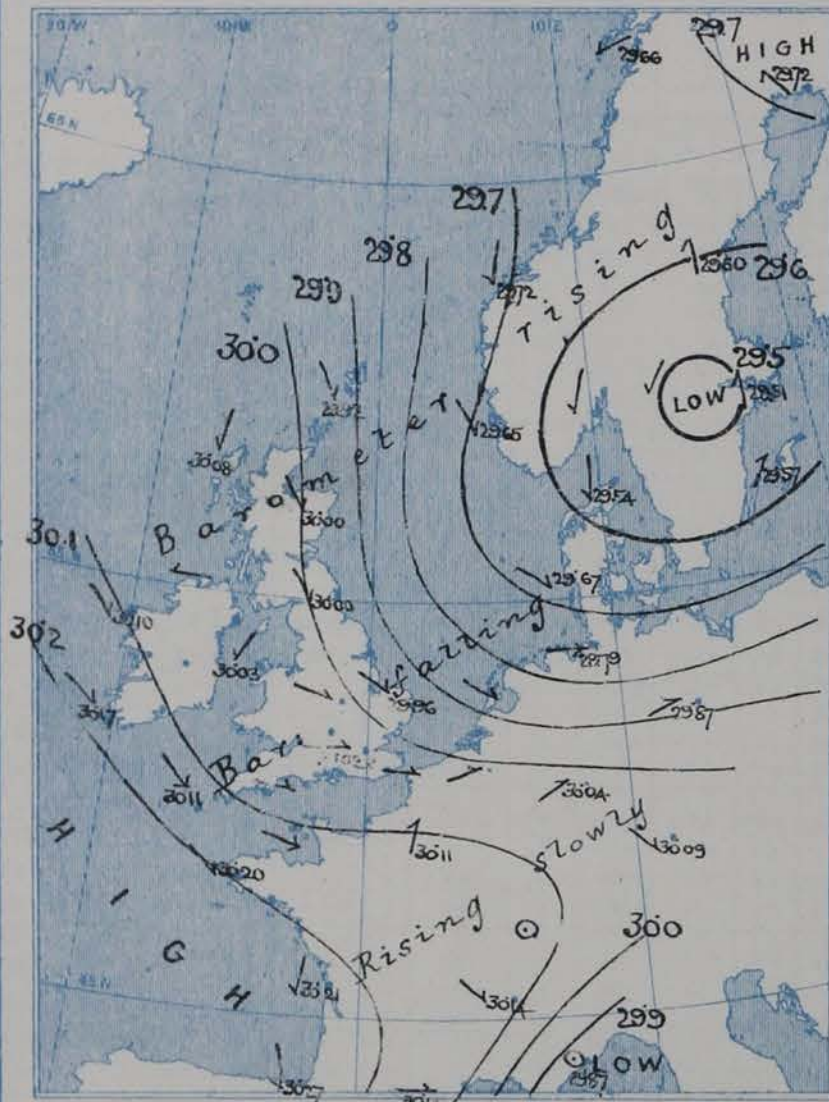
I. BAROMETER, WIND AND SEA. This Morning.

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 AUGUST.

Specimen { Average No of Hours daily } 4.2
(for Storn way) { Total Possible } 15.1



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure has increased considerably over Scandinavia and to a slight extent over north Britain, and France, decreased over the western parts of the United Kingdom, and readings now range from 30.27 ins. at Biarritz, 30.20 ins. at Brest, and 30.17 ins. at Valencia to 29.51 ins. at Stockholm. There are some very shallow secondary disturbances over the western parts of the United Kingdom.

WIND

The wind is [1] Northerly in Norway, W^{ly} over north Germany, Southerly at Stockholm, Easterly over Lapland; [2] Northerly in Scotland, North Westerly over the major part of Ireland and England, Westerly in the south, South Westerly over the north east of France. It is slight in force at most stations, moderate generally elsewhere, but fresh at Pembroke.

TEMPERATURE

Temperature is not changing much, except over central Ireland; it ranges from 60° at Jersey and Parsonstown, 59° at Valencia and Sicily, to 48° at Newton Reigny, Wick, Stormorway and Sumburgh Head, and is below the average everywhere.

WEATHER

Weather is dull very generally, and raining in places. Sea is moderate in the extreme north and west, slight to smooth elsewhere.

AND

SEA

In the course of the past day there have been further showers over the British Isles, the countries lying to the eastward of the North Sea, and some parts of France; the fall was greatest at the Danish stations. The highest of our day maximum temperatures was 66° at Leith. Bright sunshine amounted to 13 hours at Aberdeen, and 11 hours at Hastings, Lowestoft, and Eastbourne, 10 hours at Brighton.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

As the shallow depressions in the west move southeastwards further showers will be experienced over our Islands, and a very cold night is probable in their rear.

FORECASTS *

For the 24 hours ending at NOON on 13th August 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	{ N ^{ly} and variable breezes; moderate, cold showers dull.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	{ NW ^{ly} winds light, changeable, showery, cold.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	{ Wind veering to NW light, cold. Showers to day, clear and very cold to night.
5	{ ENGLAND SOUTH	

6	{ SCOTLAND WEST	{ Same as N ^{os} 0 and 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	{ NW ^{ly} and N ^{ly} winds, slight, cold, changeable, a few showers locally.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

WARNINGS

NONE ISSUED.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind	Weather.	Barometer. Ins. Change.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
						Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	c	*	b.c	63	48	8.5	0.02
Newton Reigny (Penrith) ...	29.99	50	WNW1	0	30.00	00	48	46	-1	20	7	bc, ab	61	36	8.5	0.01
Bath	30.11	58	NW3	7	30.02	-0.09	58	55	+5	SW1	7	-	62	52	6.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	62	39	b.c	9.4	0.03	Worthing	*	*	*	7.5	*
Birmingham, 9 p.m. ...	58	43	0	7.7	0.01	Llandudno	*	*	*	2.1	*
Lowestoft, up to 6 p.m. ...	60	44	c	10.7	0.13	Rhyl up to 6 p.m. ...	*	*	*	2.9	*
Hastings	*	*	*	11.4	*	Southport, 9 p.m. ...	59	50	og, or	7.2	0.04
Eastbourne up to 6 p.m. ...	*	*	*	10.5	*	Manchester, 9 p.m. ...	64	40	b, c, b, d	4.8	0.10
Brighton up to 6 p.m. ...	*	*	*	10.3	*	Darwen, 9 p.m. ...	56	41	or	6.2	0.08

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

STATIONS. 11 Aug. 1902	TEMPERATURE, F.		WEATHER.		RAIN. Ins.	STATIONS. 10. VIII. 02	TEMPERATURE, F. at 1 p.m.		WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.								
Marseilles	86	63	b.	b.	—	Geneva	Obs ^{ns} not rec ^d yet.			Ins.
Utrecht	64	45	c	0	0.12	Berne				
Copenhagen	59	48	b	c	0.08	Lucerne				
Prague	66	54	c	0	—	Lausanne				
Vienna	72	57	0	r	0.35	Lugano				
Buda-Pesth	77	57	b.	0.	—	Locarno				
St. Petersburg	?	?	b.	b.	—					
Rome	88	69	b	c	—					
Malta	97	79	?	b	—					
Madeira (Funchal)	81	68	c	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.

	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, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

12. VIII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.32	11.58	7.24
Greenwich	4.42	12.5	7.28
Wick	4.29	12.17	8.6
Valencia	5.21	12.46	8.12

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

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 " Single Copies, 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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

WEDNESDAY 13TH AUGUST

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)											PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall Ins.		
		At 32° and M.S.L.	Ins.	Dry Bulb.	Direc.			Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.			Force (0 to 12.)	Max.			Min.	
SCANDINAVIA.		Haparanda ...	29.80	52	SW	2	c	29.83	+11	55	52	+2	SE	4	+	*	-	59	48	*	-	
		Hernösand ...	29.64	49	Z	0	b	29.67	+07	54	51	0	NE	2	c	*	-	63	45	*	0.04	
		Stockholm ...	29.63	52	S	2	b	29.61	+10	53	53	-3	E	2	o	*	-	61	50	*	0.04	
		Wisby ...	29.63	54	SW	2	b	29.59	+02	57	55	+2	SW	2	c	*	-	61	48	*	0.04	
		Karlstad ...	29.64	53	NE	2	b	29.67	+11	52	50	0	NNE	2	o	*	-	*	*	*	-	
		Færder (X'ianla Fjord) ...	29.65	57	WNW	2	bc	29.67	+10	55	51	0	NNE	4	bc	2	-	59	55	*	-	
		Bodö ...	29.72	57	Z	0	c	29.74	+08	55	51	+1	E	2	bc	1	-	59	48	*	-	
		Christiansund ...	29.85	48	N	4	+	29.85	+13	48	47	-1	N	2	o	2	-	50	46	*	0.08	
		Skudesnaes ...	29.74	50	NNW	8	b	29.77	+12	49	47	-1	NNW	6	c	2	b	54	46	*	*	
BRITISH ISLANDS.		Sumburgh Head ...	29.97	49	N	3	o	29.93	+01	47	45	-1	N	2	bc	3	o	53	43	*	-	
		Stornoway ...	30.05	53	S	1	o	29.96	-12	51	49	+3	ESE	1	ov	1	o	57	45	3.4	0.02	
		Malin Head ...	30.04	56	SW	1	ot	29.91	-15	57	56	+2	WNW	2	otf	1	c, ot	59	49	*	0.16	
		Blacksod Pt. ...	30.09	59	WNW	3	om	29.98	-12	58	58	+1	WNW	4	rm	3	o, om	60	56	*	0.23	
		Valencia ...	30.16	60	W	3	om	30.07	-10	60	58	+1	W	3	omg	4	omg, om	62	58	0.4	0.11	
		Roche's Point ...	30.12	63	NNW	3	o	30.04	-07	62	59	+2	NW	3	o	2	o	64	58	*	0.01	
		Parsonstown ...	30.09	62	WNW	1	o	29.97	-12	59	58	-1	SW	1	ot	*	o	64	57	1.8	0.06	
		Donaghadee ...	30.07	56	ENE	2	c	29.93	-13	55	54	+1	SE	2	m	1	c, t	60	52	*	0.15	
		Liverpool Obsy. ...	30.07	56	NW	2	b	29.97	-06	54	53	+2	S	1	o	1	p, b	59	51	*	0.01	
		Holyhead ...	30.09	56	Z	0	b	29.95	-08	58	57	+4	WSW	1	df	1	b	59	53	*	0.20	
		Pembroke (St. Ann's) ...	30.08	58	NW	4	c	29.99	-02	58	57	0	W	2	ogf	3	c, b	62	55	7.2	-	
		Scilly (St. Mary's) ...	30.14	60	NW	4	c	30.06	-05	60	57	+1	WNW	3	c	2	b, c	64	57	6.8	-	
		Jersey (St. Aubins) ...	30.09	62	WNW	5	bc	30.08	-05	60	57	0	WNW	2	bcm	2	r, og, bc	64	53	3.5	0.27	
		Portland Bill ...	30.07	60	ESE	1	c	30.06	00	58	56	+1	WNW	1	c	2	cp, c	64	54	*	0.02	
		Dungeness ...	30.05	57	S	2	b	30.04	+01	59	58	+6	WSW	2	c	1	o, b, w	60	47	*	-	
		Wick ...	30.03	48	N	3	o	29.96	-04	49	45	+1	N	1	o	1	-	53	44	*	-	
		Nafrn ...	30.02	51	N	1	bc	29.97	-06	51	47	+1	E	2	c	1	-	57	44	*	-	
		Aberdeen ...	30.02	52	NW	2	b	29.98	-02	50	46	+1	NW	1	o	2	o, b	54	45	3.5	-	
		Leith ...	29.99	55	NE	2	bc	29.96	-04	54	50	-3	NE	1	b	*	-	62	46	*	-	
		North Shields ...	30.03	63	NE	2	bc	29.95	-05	52	49	+3	SSW	1	o	3	bc	54	47	*	-	
		Spurn Head ...	30.06	53	N	5	bc	30.01	+02	55	52	+2	SW	1	c	3	-	60	50	*	-	
		Yarmouth ...	30.01	58	NNW	3	b	29.99	+03	55	52	0	WNW	1	bm	3	bc, b	60	48	*	-	
		Loughborough ...	30.04	64	SE	1	c	30.02	00	54	52	-1	Z	0	om	*	bc, c, om	67	46	*	-	
		Oxford ...	30.06	57	WSW	1	b	30.03	00	54	51	0	SW	1	o	*	o, b, m	64	48	*	0.03	
		London (Brixton) ...	30.05	60	NW	1	bc	30.04	+02	59	55	+4	WSW	1	o	*	og, b, c	64	48	1.2	-	
GERMANY, &c.		The Scaw (Skagen) ...	29.68	54	NW	1	b	29.67	+13	55	54	0	NW	2	o	0	-	61	52	*	-	
		Fanö ...	29.77	52	WNW	6	o	29.77	+10	53	51	-2	WNW	8	o	*	-	59	50	*	0.04	
		Cuxhaven ...	29.81	55	NW	4	c	29.86	+07	52	49	-3	WNW	4	o	*	-	57	52	*	0.28	
		The Helder ...	29.93	56	NNW	4	o	29.95	+06	56	49	+1	NW	4	c	3	-	57	54	*	0.04	
		Brussels ...	*	*	*	*	*	30.06	+03	57	53	+6	SW	2	o	*	-	61	45	*	-	
		Berlin ...	29.84	57	W	3	c	29.84	-03	53	50	-1	W	4	o	*	-	63	50	*	0.08	
		Frankfurt ...	30.03	54	W	2	c	30.04	00	53	50	+1	SW	2	c	*	-	61	50	*	-	
		Munich ...	30.09	49	W	4	o	30.11	+02	50	47	+5	W	6	o	*	-	54	45	*	0.04	
FRANCE.		C. Gris Nez ...	30.08	60	NNE	1	b	30.08	+03	53	51	+2	SSW	3	f	2	-	64	50	*	-	
		Brest ...	30.17	62	NW	1	bc	30.12	-08	59	59	0	NW	1	o	1	-	64	57	*	0.04	
		Lorient ...	30.16	63	NW	3	c	30.14	-07	57	56	0	N	1	b	1	-	66	55	*	-	
		Rochefort ...	30.17	64	W	4	o	30.10	-11	64	59	+7	NW	4	o	*	-	70	57	*	0.04	
		Biarritz ...	30.29	68	NW	1	b	30.19	-08	64	60	0	S	1	b	0	-	70	59	*	-	
		Paris ...	30.09	58	SW	2	o	30.08	-03	56	55	+4	SE	1	o	*	-	60	52	*	0.20	
		Belfort ...	30.09	50	WSW	6	m	30.09	+02	50	49	+1	WSW	3	o	*	-	59	47	*	0.16	
		Lyons ...	30.16	59	N	1	+	30.15	+01	54	53	0	SSW	1	+	*	-	65	51	*	0.04	
		Nice ...	29.82	68	E	5	b	29.97	+10	66	56	+5	E	1	b	2	-	79	57	*	-	
		Perpignan ...	30.08	72	W	4	b	30.15	+01	64	56	0	W	2	b	*	-	76	62	*	-	
SPAN. PEN.		Corunna ...																				
		Lisbon ...																				
		Azores (P. Delgada) ...																				

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, 13th August, 1902

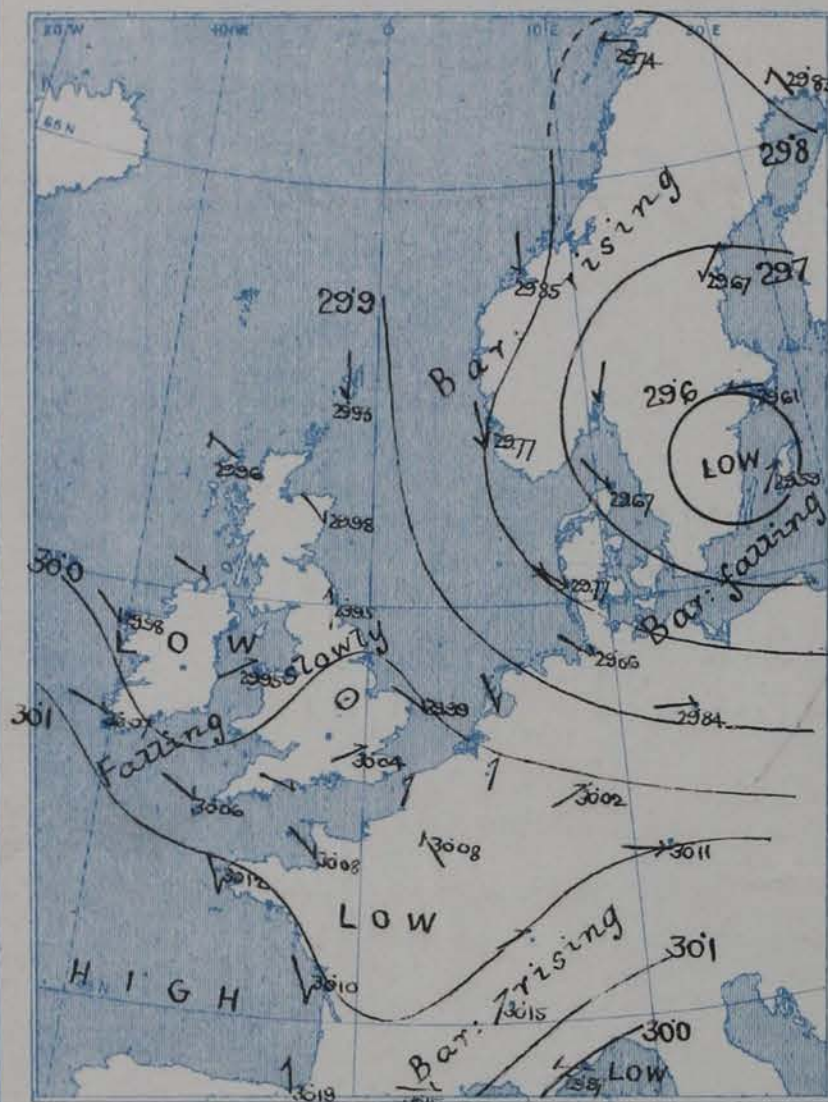
I. BAROMETER, WIND AND SEA. This Morning.

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—0.0



III BAROMETER AND WIND

Yesterday morning.



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

Specimen { Average No of Hours daily } 4.2
(for Stornaway) { Total Possible } 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

AUGUST. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

This morning's observations show that the barometer is still highest over the Bay of Biscay and lowest over the south east of Sweden. Gradients however have decreased and shallow secondary depressions have appeared both over our north western districts and over France. Readings range from 30.19 ins. at Biarritz and 30.12 ins. at Brest to 29.56 ins. at Wisby.

WIND TEMPERATURE WEATHER

The cyclonic circulation of wind recently noticed over Scandinavia and Germany continues and at Fano a fresh gale from West is again reported; over England and France the wind is light, but blows cyclonically round two centres, one over the north east of Ireland, the other near Paris.

Temperature has risen a little except in Ireland; in our Islands it ranges from 60° at Valencia and Scilly to 50° at Aberdeen and 47° at Sumburgh Head. In the north it is much below the average, in the east of England the deficiency is slight.

The weather remains in a cloudy changeable condition generally with rain in some places, fog or mist in others. The sea is very little disturbed.

AND SEA

Since yesterday morning the maximum temperature registered over our Islands was 67° at Loughborough; the night was not quite so cold as that of 11-12. Slight rain has again fallen over Ireland, Scotland, and many parts of the continent.

Bright sunshine amounted to 11½ hours at Lowestoft and Southport, 12 hours at Harrogate. Lightning occurred at Pembroke in the night.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow secondary depressions over France and Ireland are likely to cause further cold showers before to-morrow over both those countries and England. These will be followed by colder weather.

FORECASTS *

For the 24 hours ending at NOON on 14th August 1902

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Very variable winds and light airs; becoming fairer and colder temporarily	6 { SCOTLAND WEST	Same as Nos 0 to 2.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.	SW ^{ly} winds, very light; milder, and fair at first, then showery and colder.	8 { ENGLAND S.W.	W ^{ly} to NW ^{ly} winds, light; Showery colder
3 { ENGLAND EAST		9 { IRELAND NORTH	NW ^{ly} winds, light to moderate; showery. colder.
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH			
		WARNINGS	NONE ISSUED.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	o.c	63	51	3.6	-
Newton Reigny (Penrith)	30.00	60	W 1	b	29.95	-0.05	51	50	+1.3	SW 1	o	*	b, sm	65	48	13.7	-
Bath	30.05	62	SW 1	b	30.03	+0.01	54	53	-4	NE 1	o	*	-	63	47	2.3	0.02

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	63	42	b, c	12.3	0.03	Worthing	*	*	*	0.7	*
Birmingham, 9 p.m. ...	65	48	c	3.7	0.12	Llandudno	*	*	*	10.3	*
Lowestoft, up to 6 p.m. ...	59	46	b	11.7	0.03	Rhyl up to 6 p.m. ...	*	*	*	9.7	*
Hastings	*	*	*	3.0	*	Southport, 9 p.m. ...	60	55	ot, b	11.8	0.06
Eastbourne up to 6 p.m. ...	*	*	*	0.4	*	Manchester, 9 p.m. ...	68	49	c, b	7.0	0.02
Brighton	*	*	*	2.5	*	Darwen, 9 p.m. ...	64	45	ot, w	10.5	0.05

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

STATIONS. 12. VIII. 02.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 11. VII. 02.	TEMPERATURE, F. at 1 p.m. °	WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	77	59	c b	Ins.	Geneva	64	o	—
Utrecht... ..	61	45	c r	0.24	Berne	57	o	0.24
Copenhagen... ..	57	52	r o	0.16	Lucerne	59	o	—
Prague	64	50	r o	0.08	Lausanne... ..	?	?	0.08
Vienna	64	50	c b	0.24	Lugano	73	o	—
Buda-Pesth	75	57	c o	0.04	Locarno	?	?	—
St. Petersburg	66	50	c o	—				
Rome	82	68	o o	—				
Malta	91	77	? b	—				
Madeira (Funchal) <i>not recd</i>								

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.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

13. VIII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.34	11.58	7.22
Greenwich	4.44	12.5	7.26
Wick	4.31	12.17	8.3
Valencia	5.23	12.46	8.10

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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

THURSDAY 14TH AUGUST

1902

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.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
																				Ins.	Ins.
SCANDINAVIA.	Haparanda ...	29.73	55	ENE	4	0	29.63	-20	57	54	+1	NE	6	0	*	-	63	48	*	0.04	
	Hernösand ...	29.62	56	Z	0	†	29.44	-23	54	54	0	NE	2	0	*	-	63	46	*	0.63	
	Stockholm ...	29.59	54	Z	0	0	29.54	-07	54	53	+1	W	2	0	*	-	59	48	*	0.24	
	Wisby ...	29.62	54	W	2	b	29.57	-02	55	53	-2	SW	2	bc	*	-	57	43	*	-	
	Karlstad ...	29.62	53	Z	0	b	29.60	-07	51	49	-1	NW	2	c	*	-	*	*	*	-	
	Færder (X'iania Fjord)	29.68	58	W	1	c	29.66	-01	55	51	0	NNE	4	c	2	-	61	54	*	-	
	Bodö ...	29.73	62	ENE	2	bc	29.74	-04	52	50	-3	Z	0	0	1	-	63	50	*	-	
	Christiansund ...	29.86	48	N	3	0	29.82	-03	48	45	0	SW	3	bc	2	2	52	45	*	0.08	
	Skudesnaes ...	29.77	50	NNW	6	0	29.76	-01	49	46	0	NNW	6	0	2	c,0	54	46	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.93	48	N	1	c	29.90	-03	50	48	+3	N	3	b	3	c	52	44	*	0.01	
	Stornoway ...	29.94	59	E	2	b	29.88	-08	53	53	+2	SSE	2	ow	2	c, b	63	48	5.0	-	
	Malin Head ...	29.92	55	W	2	of	29.92	+01	57	57	0	Z	0	of	1	of	58	53	*	0.01	
	Blacksod Pt. ...	29.98	60	WNW	3	om	29.95	-03	58	57	0	WSW	3	c	3	o, om	62	58	*	0.05	
	Valencia ...	30.03	61	WNW	3	c	29.98	-09	58	57	-2	Z	0	0	3	om, c	64	53	1.7	0.01	
	Roche's Point ...	29.99	62	NNW	4	c	29.99	-05	59	57	-1	NW	2	b	2	o, c	65	55	*	-	
	Parsonstown ...	29.95	65	NW	3	cp	29.96	-01	58	56	-1	W	1	0	*	cp	61	56	1.4	0.06	
	Donaghadee ...	29.93	57	SE	1	bc	29.93	-00	56	55	+1	NE	1	bc	1	-	61	52	*	0.01	
	Liverpool Obsy.	29.92	58	SSE	1	0	29.93	-04	68	57	+4	WSW	1	0	1	ot, o	60	54	*	0.05	
Holyhead ...	29.93	61	SW	1	c	29.93	-03	57	56	-1	NNE	1	c	1	cm, c, f	64	55	*	0.02		
Pembroke (St. Ann's)	29.96	59	W	4	0	29.93	-06	60	58	+2	N	1	og	2	-	60	57	0.1	0.01		
GERMANY, &c.	Scilly (St. Mary's)...	30.02	62	WNW	3	c	29.96	-10	60	58	0	WNW	3	c	1	c	65	57	3.5	-	
	Jersey (St. Aubins)...	30.04	63	W	4	cgm	30.00	-08	62	58	+2	W	3	bc	3	cgm, w	67	68	7.7	-	
	Portland Bill ...	29.97	59	WSW	3	op	29.95	-11	60	59	+2	W	2	0	2	o, op	63	58	*	0.10	
	Dungeness ...	29.97	62	W	4	0	29.94	-10	63	61	+4	SW	2	bc	1	c, o	64	54	*	0.03	
	Wick ...	29.95	54	SE	2	bc	29.95	-01	52	49	+3	S	1	b	0	-	58	37	*	-	
	Nairn ...	29.92	53	ENE	2	bc	29.93	-04	51	50	0	Z	0	0	1	-	59	40	*	-	
	Aberdeen ...	29.95	50	SE	1	0	29.95	-03	49	47	-1	ESE	1	0	1	b, o	54	47	3.2	-	
	Leith ...	29.92	55	ENE	1	c	29.93	-03	55	53	+1	NE	1	0	*	-	60	52	*	0.02	
	North Shields ...	29.93	55	SE	2	0	29.92	-03	54	52	+2	ESE	3	c	3	op, o	58	50	*	-	
FRANCE.	Spurn Head ...	29.93	57	ESE	4	c	29.92	-09	55	54	0	ESE	4	0	3	-	62	54	*	-	
	Yarmouth ...	29.94	60	ESE	3	b	29.89	-10	60	58	+5	ESE	3	bc	2	b	62	53	*	-	
	Loughborough ...	29.94	61	SSW	1	0	29.93	-09	60	58	+6	NW	1	omw	*	om, cm	63	54	*	-	
	Oxford ...	29.94	60	S	2	0	29.94	-09	60	58	+6	W	1	0	*	op	63	54	*	-	
	London (Brixton)	29.97	59	W	1	0	29.94	-10	60	59	+1	SW	1	0	*	cp, bc	66	55	0.0	0.03	
	The Scaw (Skagen)	29.68	54	NW	1	bc	29.66	-01	56	54	+1	NW	1	bc	0	-	61	48	*	-	
	Fanö ...	29.82	50	WNW	7	0	29.80	+03	52	48	-1	WNW	5	0	*	-	65	48	*	-	
	Cuxhaven ...	29.88	54	NW	3	c	29.86	-00	53	50	+1	WNW	3	c	*	-	55	52	*	-	
	The Helder ...	29.96	56	NW	1	bc	29.91	-04	57	52	+1	NNW	1	0	0	-	59	54	*	-	
SPAN. PEN.	Brussels ...	*	*	*	*	*	29.95	-11	59	56	+2	SW	1	0	*	-	66	52	*	-	
	Berlin ...	29.87	53	W	2	†	29.87	+03	52	50	-1	N	4	0	*	-	59	48	*	0.20	
	Frankfurt ...	30.00	54	W	2	bc	29.97	-07	54	51	+1	SW	2	c	*	-	64	50	*	-	
	Munich ...	30.08	52	W	2	b	30.05	-06	54	51	+4	SW	3	r	*	-	57	48	*	0.04	
	C. Gris Nez ...	30.01	60	SW	2	bc	29.95	-13	60	59	+7	W	1	0	1	-	64	59	*	0.16	
	Brest ...	30.07	64	NW	1	b	30.02	-10	59	58	0	Z	0	0	0	-	68	57	*	-	
	Lorient ...	30.06	63	WNW	4	bc	30.01	-13	59	59	+2	Z	0	0	1	-	70	57	*	-	
	Rochefort ...	30.03	66	NW	4	bc	30.01	-09	64	61	0	N	2	c	*	-	70	59	*	-	
	Biarritz ...	30.06	68	NNE	4	c	30.04	-15	61	60	-3	NE	1	b	1	-	73	57	*	-	
SPAN. PEN.	Paris ...	30.01	65	Z	0	bc	30.00	-08	57	56	+1	SSW	1	0	*	-	69	53	*	-	
	Belfort ...	30.00	58	WSW	3	†	29.98	-11	57	55	+7	WSW	3	0	*	-	64	50	*	0.08	
	Lyons ...	30.04	65	S	1	0	30.01	-14	62	56	+8	SSE	1	c	*	-	71	54	*	0.04	
	Nice ...	29.95	66	E	2	c	29.94	-03	64	57	-2	E	1	b	1	-	77	57	*	-	
	Perpignan ...	30.02	73	S	2	b	29.99	-06	65	60	+1	SW	2	b	*	-	83	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 *Thursday, 14th August, 1902*

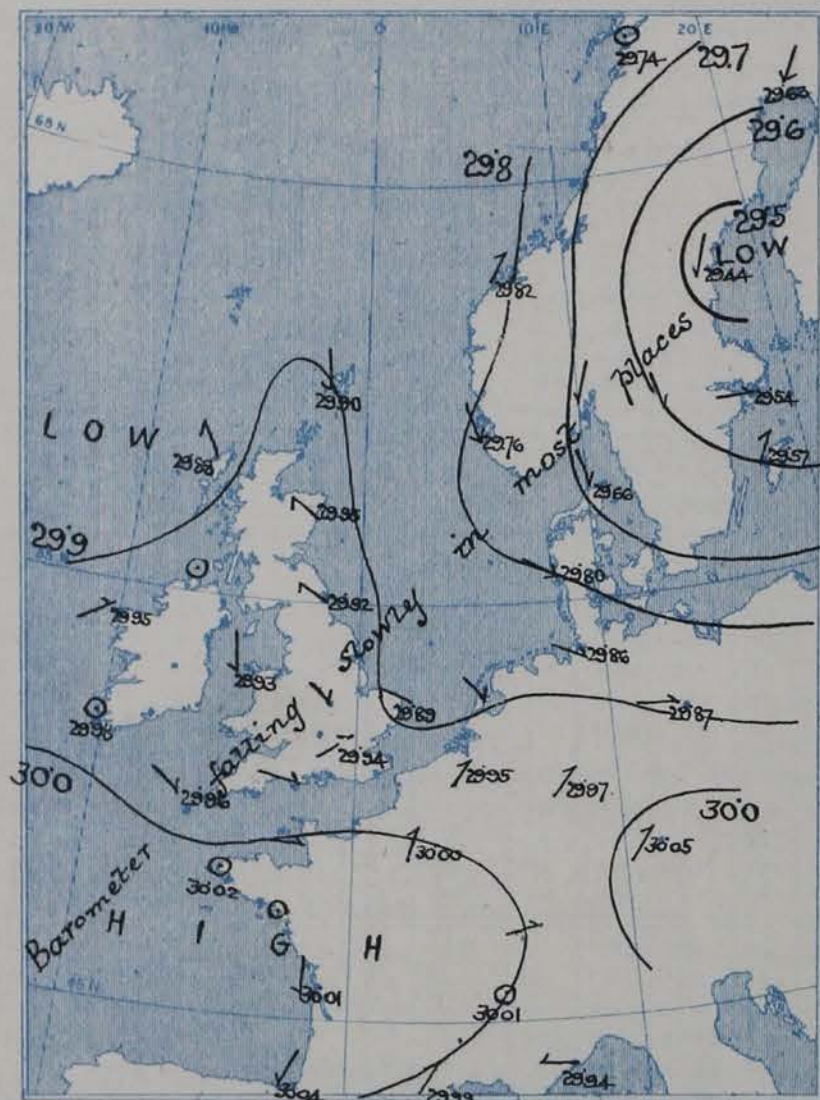
I. BAROMETER, WIND AND SEA. *This Morning.*

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—0.8



III. BAROMETER AND WIND

Yesterday morning.



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

Specimen (for Stornaway) { Average No of Hours daily } 4.2
Total Possible 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

AUGUST. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday the barometer has fallen slightly at almost all stations; the readings are still highest over the Bay of Biscay and lowest over the Gulf of Bothnia, but in our Islands they are more uniform than of late though not very regularly distributed.

The readings vary from 30.04 ins. at Biarritz and 35.02 ins. at Brest, to 29.44 ins. at Helsingfors.

WIND

The wind continues mainly North Easterly to North Westerly over Scandinavia and Westerly over Germany; in the British Islands and France it is very light and variable.

Temperature is rising; in our Islands it ranges from 63° at Dungeness and 60° over the southern parts of England as a whole to 50° at Sumburgh Head. These values are about the average in the south, but slightly below it in the north. At Berlin the temperature is 52°, at Paris 57°, at Nice 64°.

TEMPERATURE

The weather is still cloudy and misty, but as a whole it is fairer than of late. The sea is very little disturbed.

WEATHER

AND

SEA

Since yesterday morning the maximum temperatures recorded in our Islands ranged between 66° and 60° in most places. The night was less cold than of late. A little rain fell in the north and west, and slight showers sporadically in the east. Bright sunshine amounted to 10 hours at Lowestoft, and nearly 8 hours at Jersey; elsewhere it was much less, and at Southampton and in London there was none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure in our Islands appears to be undergoing considerable change, and warmer fairer weather is indicated, with very light variable winds.

FORECASTS *

For the 24 hours ending at NOON on 15th August 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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



Varying airs and light breezes; cloudy, misty, not so cold, a little rain in places.

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

Very variable airs and light breezes; cloudy, fair as a whole. Warmer.

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	*	*	*	*	*	*	*	*	*	*	og u	*	c, o	63	56	2.5	-
Newton Reigny (Penrith)	29.90	55	NW 1	r	29.89	-0.6	54	53	+3	NW 1	m	*	cp, or	60	51	0.3	0.03
Bath	30.04	63	SW 1	b	29.94	-0.9	60	60	+6	W 1	r	*	-	64	54	0.3	0.14

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	61	43	c, o	0.7	-	Worthing	*	*	*	1.4	*
Birmingham, 9 p.m. ...	61	48	o	0.3	0.04	Llandudno	*	*	*	1.5	*
Lowestoft, up to 6 p.m. ...	62	46	c	9.8	-	Rhyl up to 6 p.m. ...	*	*	*	6.8	*
Hastings up to 6 p.m. ...	*	*	*	0.8	*	Southport, 9 p.m. ...	61	55	c, o	0.0	0.02
Eastbourne up to 6 p.m. ...	*	*	*	1.1	*	Manchester, 9 p.m. ...	68	48	of, o	0.2	0.06
Brighton	*	*	*	1.2	*	Darwen, 9 p.m. ...	59	48	ow	0.0	0.01

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

STATIONS. 13-VIII-02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 12-VIII-02	TEMPERATURE, F. at 1 p.m.	WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.						
Marseilles	73	55	b b	Ins.	Geneva	59	o	-
Utrecht	61	48	r c	-	Berne	54	r	0.28
Copenhagen	63	50	c o	-	Lucerne	57	o	0.43
Prague <i>not rec'd</i>	*	*	*	*	Lausanne	?	?	-
Vienna	61	50	o c	-	Lugano	72	bc	-
Buda-Pesth	70	52	o o	-	Locarno	?	?	-
St. Petersburg	63	50	m o	0.35				
Rome	81	60	b b	-				
Malta	82	73	? c	-				
Madeira (Funchal) <i>not rec'd</i>	*	*	*	*				

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.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

14-VIII-1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 4.36	h. m. 11.58	h. m. 7.20
Greenwich	4.46	12.5	7.24
Wick	4.34	12.17	8.0
Valencia	5.25	12.46	8.8

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

FRIDAY 15TH AUGUST

1902

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.			
																						Inch.
SCANDINAVIA.	Haparanda ...	29.65	54	NE	4	o	29.63	00	54	52	-3	NE	4	o	*	-	57	52	*	0.20		
	Hernösand ...	29.52	53	Z	0	o	29.56	+12	55	52	+1	Z	0	b	*	-	57	52	*	0.39		
	Stockholm ...	29.52	54	Z	0	o	29.44	-10	53	51	-1	W	4	r	*	-	64	48	*	0.08		
	Wisby ...	29.59	55	W	2	b	29.52	-05	55	52	0	W	6	c	*	-	59	46	*	-		
	Karlstad ...	29.60	55	NW	2	o	29.60	00	54	48	+3	WNW	6	b	*	-	*	*	*	-		
	Färder (X'iania Fjord)	29.63	59	WSW	4	c	29.67	+01	58	49	+3	NW	2	bc	1	-	61	55	*	-		
	Bodö ...	29.70	53	?	?	c	29.66	-08	57	53	+5	ENE	2	o	1	-	57	50	*	-		
	Christiansund ...	29.83	49	N	3	o	29.81	-01	49	48	+1	NNW	3	r	3	-	52	48	*	0.08		
Skudesnaes ...	29.80	49	NNW	8	c	29.86	+10	49	47	0	NNW	6	o	2	b,c	54	48	*	-			
BRITISH ISLANDS.	Sumburgh Head	29.94	50	WNW	2	c	29.88	-02	48	47	-2	E	2	r	3	c	52	47	*	0.27		
	Stornoway ...	29.91	59	SW	2	o	29.93	+05	55	54	+2	WSW	1	ow	1	Tio	60	52	0.0	0.06		
	Malin Head ...	29.96	62	N	1	b	29.94	+02	62	60	+5	S	1	b	1	c,b	64	54	*	-		
	Blacksod Pt. ...	29.94	63	SW	3	b	29.90	-05	60	58	+2	SE	3	bc	2	bc,b,w	65	50	*	-		
	Valencia ...	29.95	65	SSE	2	b	29.88	-10	63	59	+5	ESE	4	c	4	bc,b	68	56	9.2	-		
	Roche's Point ...	29.97	63	SW	2	bc	29.95	-04	61	59	+2	SSE	1	bw	1	b, bc	67	53	*	-		
	Parsonstown ...	29.94	67	NW	1	c	29.94	-02	58	55	0	SW	1	bc	*	c	70	52	5.7	-		
	Donaghadee ...	29.98	59	Z	0	c	29.98	+05	56	52	0	S	1	cw	1	-	61	52	*	-		
GERMANY, &c.	Liverpool Obsy.	29.95	60	NW	1	b	30.00	+07	57	55	-1	SSE	1	o	?	or,b	63	53	*	0.01		
	Holyhead ...	29.98	58	NW	1	b	29.99	+06	61	59	+4	S	1	bm	1	b	61	51	*	-		
	Pembroke (St. Ann's)	29.97	59	NNW	3	bc	29.97	+04	57	56	-3	NE	1	bcnw	1	-	63	53	7.6	-		
	Scilly (St. Mary's)...	29.99	63	WNW	1	c	29.96	00	61	59	+1	SSE	2	cp	0	o	67	58	10.6	-		
	Jersey (St. Aubins)...	30.01	64	W	3	og	30.05	+05	63	59	+1	NE	1	bcn	1	ogm,c,og	65	52	3.3	-		
	Portland Bill ...	29.97	62	WNW	3	c	30.01	+06	62	59	+2	NNW	1	bc	2	bc,c	66	56	*	-		
	Dungeness ...	29.95	62	W	3	c	30.03	+09	59	59	-4	SSW	2	f	1	c,f	67	50	*	-		
	Wick ...	29.94	54	S	3	o	29.89	-06	57	54	+5	NW	3	o	1	-	60	49	*	0.03		
FRANCE.	Nairn ...	29.93	56	E	1	o	29.92	-01	57	54	+6	WSW	3	c	1	-	58	49	*	-		
	Aberdeen ...	29.97	51	S	1	o	29.92	-03	57	55	+8	NW	1	om	1	om,o	57	49	0.0	-		
	Leith ...	29.94	57	ENE	1	o	29.95	+02	64	59	+9	NW	1	cm	*	-	64	48	*	-		
	North Shields ...	29.96	56	SE	2	c	29.96	+04	55	54	+1	SW	2	m	2	c	59	50	*	-		
	Spurn Head ...	29.99	55	E	3	bc	30.01	+09	59	54	+4	S	2	b	3	-	59	50	*	-		
	Yarmouth ...	29.96	59	ENE	4	cg	30.03	+14	57	53	-3	ESE	2	b	2	c, cg, w	63	50	*	-		
	Loughborough ...	29.97	60	E	3	o	30.04	+11	56	54	-4	ESE	1	omw	*	om,c,om	66	53	*	-		
	Oxford ...	29.97	62	NNW	1	o	30.01	+07	58	58	-2	E	1	od	*	bc,o,u	73	56	*	0.01		
PEN.	London (Brixton)	29.95	67	SW	1	c	30.01	+07	62	59	+2	SSE	1	o	*	o,c, bc	70	59	1.0	-		
	The Scaw (Skagen)	29.69	57	NW	1	c	29.69	+03	57	55	+1	NW	1	bc	0	-	63	50	*	-		
	Fanö ...	29.83	51	WNW	6	o	29.84	+04	53	49	+1	WNW	8	c	*	-	57	51	*	-		
	Cuxhaven ...	29.88	54	W	4	o	29.91	+05	54	49	+1	NW	4	bc	*	-	57	52	*	0.08		
	The Helder ...	29.94	56	NNW	1	c	30.00	+09	57	52	0	NNW	1	c	1	-	57	54	*	-		
	Brussels ...	*	*	*	*	*	30.07	+12	57	54	-2	Z	0	o	*	-	71	50	*	-		
	Berlin ...	29.86	58	W	1	o	29.88	+01	52	50	0	W	3	o	*	-	63	50	*	0.04		
	Frankfurt ...	29.95	60	SW	2	o	30.02	+05	56	53	+2	NW	1	o	*	-	70	54	*	-		
SPAN.	Munich ...	30.04	53	W	2	bc	30.05	00	54	54	0	SW	4	c	*	-	64	52	*	0.39		
	C. Gris Nez ...	29.99	62	Z	0	c	30.05	+10	60	60	0	Z	0	f	0	-	66	57	*	-		
	Brest ...	30.04	66	WNW	1	bc	30.01	-01	57	56	-2	ESE	1	b	1	-	70	57	*	-		
	Lorient ...	30.04	63	W	2	bc	30.03	+02	58	57	-1	E	1	bc	?	-	70	?	*	-		
	Rochefort ...	30.00	65	NW	4	b	29.98	-03	62	60	-2	ENE	2	b	*	b	72	55	*	-		
	Biarritz ...	30.05	67	N	1	c	30.03	-01	64	62	+3	E	1	b	0	-	72	59	*	-		
	Paris ...	30.00	63	NE	2	o	30.06	+06	59	59	+2	N	1	o	*	-	71	55	*	?		
	Belfort ...	29.96	63	WSW	3	c	30.02	+04	57	55	0	WSW	3	o	*	-	70	53	*	-		
SPAN.	Lyons ...	30.00	69	N	1	b	30.04	+03	66	59	+4	NE	1	b	*	-	76	64	*	-		
	Nice ...	29.95	69	SE	2	o	30.00	+01	68	63	+3	SW	2	b	*	-	80	51	*	-		
SPAN.	Perpignan ...	29.95	69	SE	2	o	30.00	+01	68	63	+3	SW	2	b	*	-	80	51	*	-		
	Corunna ...																					
SPAN.	Lisbon ...																					
	Azores (P. Delgada)																					

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, 15th August, 1902*

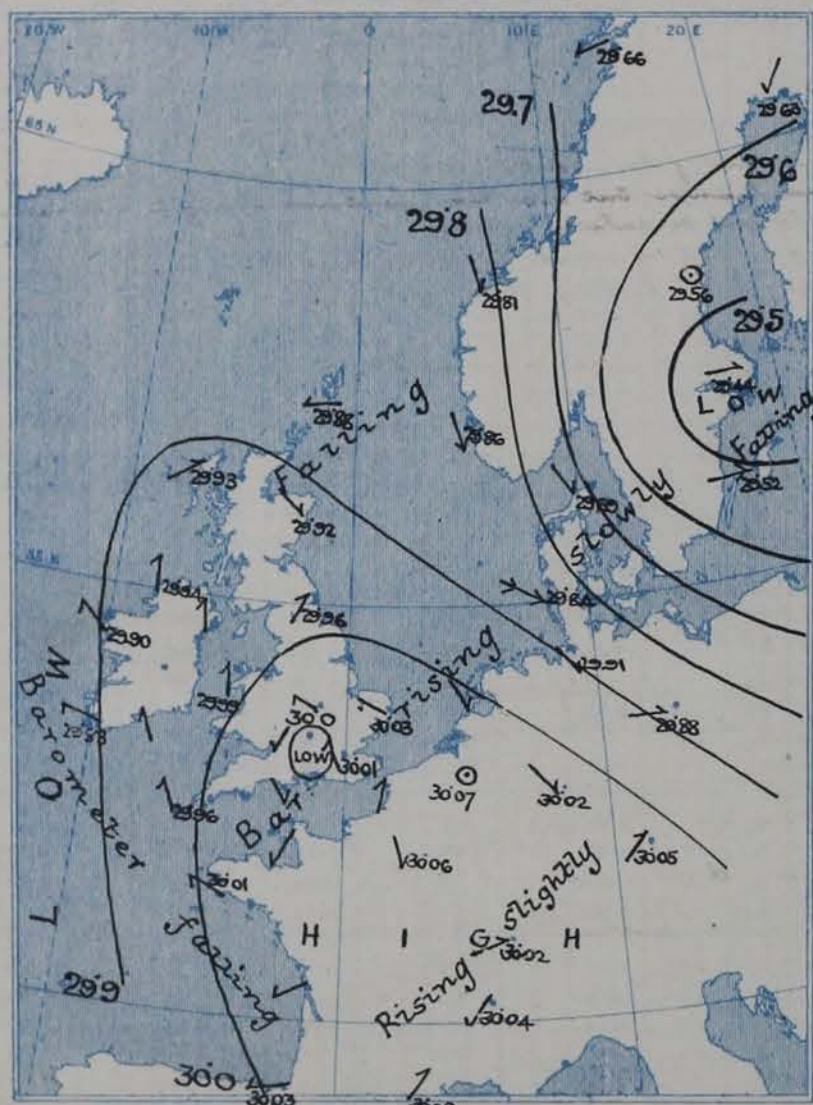
I. BAROMETER, WIND AND SEA. *This Morning.*

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



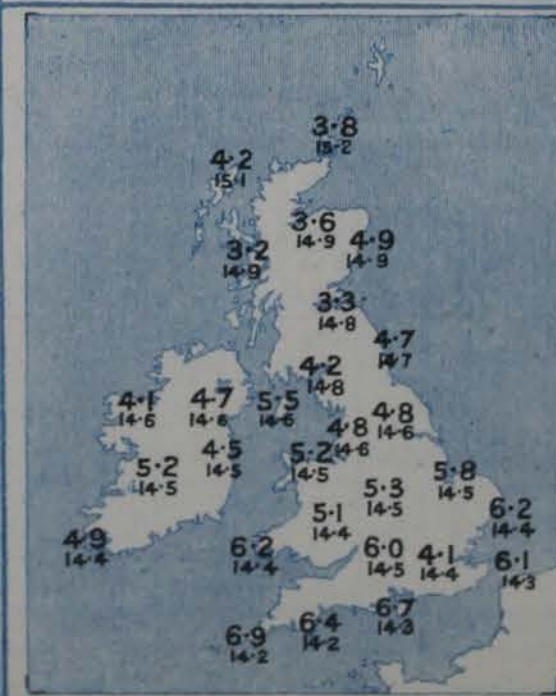
III BAROMETER AND WIND

Yesterday morning.



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

Specimen { Average No of Hours daily } 4.2
(for Stornaway) { Total Possible } 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

AUGUST. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is now highest over France and England, lowest over the Gulf of Bothnia and off our own west and south west coasts. Readings vary from 30.06 ins. at Paris and 30.04 ins. at Loughborough to 29.44 ins at Stockholm and 29.88 ins. at Valencia. At our western stations the barometer is falling.

WIND

The wind is now light to moderate from South East on our western coasts, very faint and variable over England and France, but over the countries lying to the eastward of the North Sea there is still a cyclonic circulation, viz: North Easterly in Lapland, Northerly in Norway, North Westerly over Denmark, Westerly over Germany and the South of Sweden. In many places the Westerly and North Westerly winds blow very strongly.

TEMPERATURE

Temperature is rising slowly; in our Islands it ranges from 63° at Valencia and Jersey, and 62° at Portland Bill, Malin Head and in London to 48° at Sumburgh Head. The western and south western values are now higher than the average, while that at Sumburgh Head is low.

WEATHER

Weather is dull over England and France, fine in Ireland and the Bay of Biscay, rainy near Stockholm, and not settled in any part of our Islands.

AND

SEA

Sea is smooth except at Valencia.

During yesterday maximum temperatures were recorded as high as 70° in London, 73° at Oxford, 71° at Paris, 70° at Frankfurt. There was a little rain in the north west, but only showers, sporadically, elsewhere. Bright sunshine was 11 hours at Bath and Scilly, less elsewhere; at Stornoway and Aberdeen there was none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is evidently a new depression approaching Ireland which will probably give us rain very generally by to morrow, and in some places to night.

FORECASTS *

For the 24 hours ending at NOON on 16th August 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	ST ^{ly} to SE ^{ly} winds, light; fine at first, rainy later perhaps thundery
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Variable airs; unsettled, perhaps thunder, becoming rainy later.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	SE ^{ly} or S ^{ly} winds, freshening somewhat, with rain
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

WARNINGS

NONE ISSUED.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	bc	*	o.c	67	58	3.1	0.03
Newton Reigny (Penrith)	29.93	60	NE 1	0	29.97	+0.08	55	53	+1	SE 1	m	*	o.bcm	69	49	3.3	—
Bath	29.96	65	NW 1	6	30.01	+0.07	58	57	-2	NE 1	0	*	6	69	55	1.2	0.05

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	58	52	f, o	0.0	—	Worthing	*	*	*	0.6	*
Birmingham, 9 p.m. ...	69	56	o	2.3	—	Llandudno	*	*	*	8.5	*
Lowestoft, up to 6 p.m. ...	64	49	o	3.0	—	Rhyl up to 6 p.m. ...	*	*	*	7.0	*
Hastings	*	*	*	2.5	*	Southport, 9 p.m. ...	64	55	op, b, o	5.6	—
Eastbourne up to 6 p.m. ...	*	*	*	1.5	*	Manchester, 9 p.m. ...	67	55	om, b	0.0	—
Brighton	*	*	*	1.3	*	Darwen, 9 p.m. ...	65	52	cmw	0.6	—

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

STATIONS. 14. VIII. 02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 13. VIII. 02	TEMPERATURE, F. at 1 p.m.		WEATHER. 8 p.m.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °				°	°		
Marseilles	77	54	c o	—	Geneva	66	—	o	0.04
Utrecht	64	45	o c	—	Berne	59	—	o	0.04
Copenhagen	63	48	c o	—	Lucerne	63	—	o	0.28
Prague	63	50	o c	0.08	Lausanne	?	—	?	0.08
Vienna	59	48	o c	0.16	Lugano	73	—	b	—
Buda-Pesth ... <i>not recd.</i>	—	—	—	—	Locarno	?	—	?	—
St. Petersburg	66	54	c o	0.04					
Rome	77	59	c c	—					
Malta	77	55	?	—					
Madeira (Funchal)	82	64	c 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.

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	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

15. VIII. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.37	11.57	7.18
Greenwich	4.47	12.4	7.22
Wick	4.36	12.16	7.58
Valencia	5.26	12.45	8.6

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

SATURDAY 16TH AUGUST.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9)	Weather.	TEMP.		Sun- shine. Hours	Rainfall Inch.		
		At 32° and M.S.L.	Inch.	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.
SCANDINAVIA.	Haparanda ...	29.30	51	NNE	6	+	29.57	-0.6	55	54	+1	E	6	+	-	57	51	+	0.59			
	Hernösand ...	29.41	55	E	2	+	29.24	-0.32	52	51	-3	E	4	+	-	63	50	+	0.28			
	Stockholm ...	29.51	53	W	2	b	29.48	+0.4	54	51	+1	W	6	bc	-	61	50	+	0.20			
	Wisby ...	29.56	56	NNW	6	b	29.57	+0.5	55	52	0	WNW	6	b	-	59	50	+	-			
	Karlstad ...	29.59	55	NW	2	c	29.58	-0.2	51	46	-3	WNW	4	b	-	59	50	+	0.04			
	Færder (X'ania Fjord) ...	29.66	60	W	2	b	29.65	-0.2	55	52	-3	W	2	b	2	63	56	+	0.04			
	Bodö ...	29.58	57	NNE	2	b	29.42	-0.24	51	49	-6	N	4	+	2	61	50	+	0.04			
	Christiansund ...	29.86	49	N	2	0	29.78	-0.3	45	44	-4	N	3	+	3	49	45	+	0.28			
	Skudesnaes ...	29.84	49	NNW	6	c	29.78	-0.8	49	47	0	NNW	6	c	2	54	46	+	-			
	Sumburgh Head ...	29.88	50	NE	2	0	29.89	+0.1	50	46	+2	N	1	b	3	51	45	+	0.13			
Stornoway ...	29.90	58	WNW	3	fm	29.89	-0.4	51	51	-	ENE	4	0	4	od, fm	60	50	0.0	0.26			
Malin Head ...	29.89	60	E	2	cp	29.83	-1.1	58	58	-4	E	1	bcm	1	bc, cp	69	55	+	0.03			
Blacksod Pt. ...	29.87	64	NNE	2	c	29.79	-1.1	60	58	0	Z	0	c	2	bc, c	68	56	+	0.01			
Valencia... ..	29.85	64	SE	3	om	29.75	-1.3	63	59	0	E	3	ov	4	o, om	68	60	2.4	0.08			
BRITISH ISLANDS.	Roche's Point ...	29.92	62	SSE	2	c	29.81	-1.4	60	59	-1	SSE	3	0	3	o, c	63	58	+	-		
	Parsonstown ...	29.90	64	SE	2	0	29.82	-1.2	60	58	+2	SE	1	0	+	bc, o	69	55	4.8	-		
	Donaghadee ...	29.92	63	SSW	3	b	29.84	-1.4	57	56	+1	E	2	bm	1	-	66	51	+	-		
	Liverpool Obsy. ...	29.95	59	NNW	1	bc	29.87	-1.3	60	58	+3	Z	0	b	?	bc	66	55	+	-		
	Holyhead ...	29.96	59	SW	2	cm	29.86	-1.3	60	58	-1	S	1	cm	1	bcm, cm	64	55	+	-		
	Pembroke (St. Ann's) ...	29.96	59	SE	1	c	29.83	-1.4	60	57	+3	E	2	cm	2	-	62	55	8.5	-		
	Scilly (St. Mary's)... ..	29.94	62	SSE	3	0	29.78	-1.8	61	53	0	E	3	0	2	of, o	64	58	2.6	-		
	Jersey (St. Aubins)... ..	29.98	68	ENE	1	b	29.83	-2.2	70	63	+7	ENE	2	bm	2	b	70	61	12.6	-		
	Portland Bill ...	30.00	60	S	1	bcm	29.85	-1.6	61	59	-1	ENE	4	bc	2	om, bcm	66	55	+	-		
	Dungeness ...	30.00	63	W	3	b	29.91	-1.2	64	62	+5	SE	1	b	1	o, b, f	65	50	+	-		
Wick ...	29.86	51	N	2	+	29.90	+0.1	50	48	-7	E	2	bc	2	-	57	48	+	0.12			
Nairn ...	29.87	58	Z	0	+	29.87	-0.5	54	53	-3	E	2	0	2	-	67	51	+	0.33			
Aberdeen ...	29.88	60	NE	1	+	29.81	-1.1	54	52	-3	NE	1	og	0	cm, t	73	52	2.5	0.26			
Leith ...	29.87	64	W	2	bc	29.83	-1.2	60	56	-4	NW	1	om	+	-	74	58	+	-			
North Shields ...	29.90	62	ESE	1	0	29.84	-1.2	57	55	+2	WNW	2	cm	2	0	69	53	+	-			
Spurn Head ...																						
Yarmouth ...	29.98	63	SSE	3	c	29.87	-1.6	61	58	+4	W	2	bm	2	b, c	63	54	+	-			
Loughborough ...	29.96	71	SW	2	b	29.89	-1.5	57	57	+1	SW	1	bcm, w	+	om, bc, f	72	49	+	-			
Oxford ...	29.96	66	S	2	bc	29.89	-1.2	61	58	+3	S	1	b	+	cp, bc	72	53	+	-			
London (Brixton) ...	29.88	68	SW	1	bc	29.89	-1.2	61	56	-1	SW	1	bc	+	o, o, b, w	71	49	2.7	-			
GERMANY, &c.	The Scaw (Skagen) ...	29.69	55	W	3	c	29.64	-0.5	57	55	0	NE	1	b	0	-	63	52	+	-		
	Fanö ...	29.87	56	WNW	8	0	29.84	-0.0	55	54	+2	W	4	+	+	-	57	52	+	0.08		
	Cuxhaven ...	29.99	57	W	4	0	29.89	-0.2	56	54	+2	WSW	2	c	+	-	59	54	+	-		
	The Helder ...	29.99	57	WSW	1	b	29.85	-1.5	61	60	+1	SW	1	0	0	-	64	50	+	0.04		
	Brussels... ..						29.94	-1.3	65	60	+8	SSW	1	b	+	-	71	53	+	-		
	Berlin ...	29.95	57	W	1	b	29.95	+0.7	57	53	+5	W	4	c	+	-	61	52	+	0.04		
Frankfurt ...	30.06	56	N	2	b	30.04	+0.2	51	48	-5	E	2	b	+	-	70	46	+	-			
Munich ...	30.12	58	W	4	bc	30.10	+0.5	57	54	+3	SE	2	b	+	-	64	46	+	0.04			
FRANCE.	C. Gris Nez ...	30.07	64	WSW	1	b	29.93	-1.2	65	63	+5	Z	0	b	1	-	68	59	+	-		
	Brest ...	29.97	71	Z	0	b	29.81	-2.0	59	58	+2	Z	0	c	0	-	75	57	+	-		
	Lorient ...	29.95	72	NW	1	b	29.80	-2.3	61	59	+3	E	2	bc	1	-	77	58	+	-		
	Rochefort ...	29.91	73	NW	2	b	29.80	-1.8	63	63	+6	ESE	3	c	+	b	81	57	+	-		
	Biarritz ...	29.88	83	E	3	b	29.86	-1.7	70	69	+6	Z	0	b	0	-	86	64	+	-		
	Paris ...	30.02	70	NE	2	b	29.96	-1.2	63	59	+4	ESE	1	b	+	-	73	55	+	-		
Belfort ...	29.99	67	ENE	3	b	29.99	-0.3	58	56	+1	ENE	3	m	+	-	73	52	+	-			
Lyons ...	30.00	72	N	1	b	29.99	-0.5	64	55	-2	SE	1	b	+	-	79	56	+	-			
Nice ...	29.99	68	SE	1	b	30.07	+0.9	66	60	0	Z	0	b	0	-	79	57	+	-			
Perpignan ...	29.96	74	E	2	b	29.98	-0.2	70	68	+2	NW	2	b	+	-	80	62	+	-			
PEN.	Corunna ...																					
	Lisbon ...																					
	Azores (P. Delgada) ...																					

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

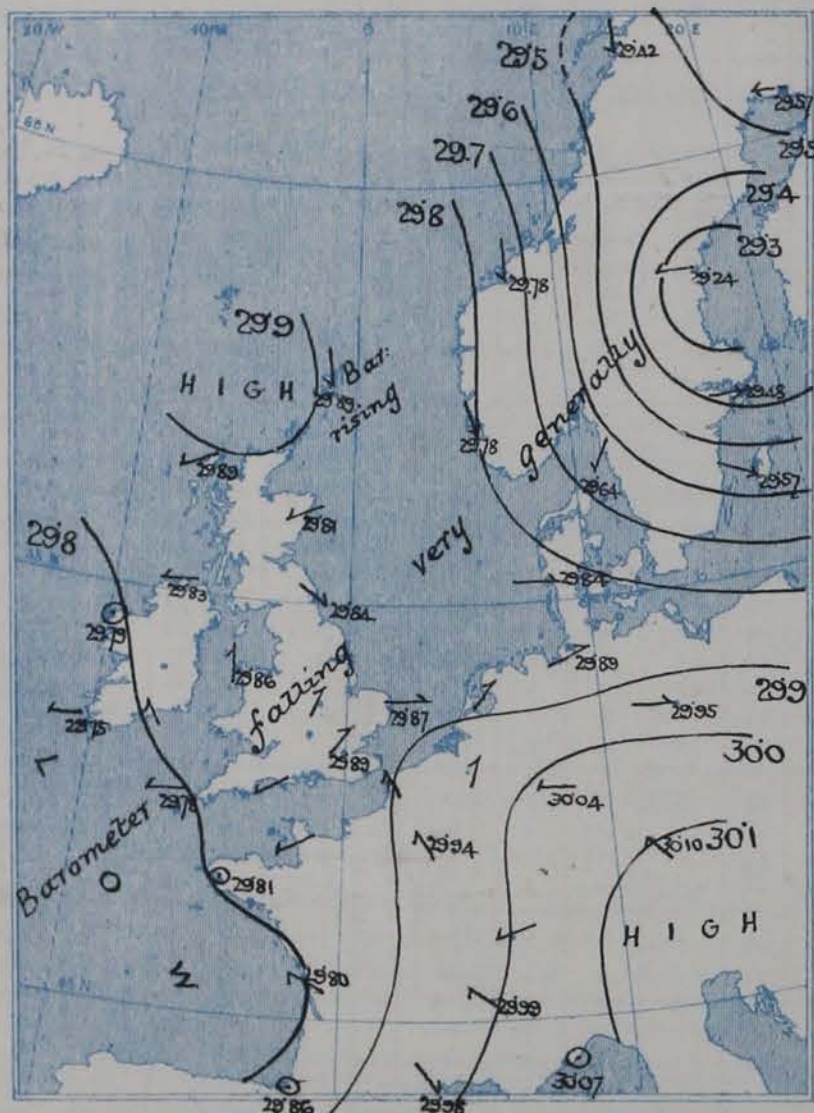
FOR *Saturday, 16th August, 1902*

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. 6.)

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 AUGUST.

Specimen (for Stornaway) { Average No of Hours daily } 4.2
{ Total Possible } 15.1



V. Means of DAILY TEMPERATURE

at 8 A.M. for the monthly period

AUGUST. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning the barometer has fallen over North-western Europe, except over the North Sea. The depression over Sweden has grown deeper and a new one has begun to approach the mouth of the English Channel from the westward. Readings vary from 30.10 in. at Munich to 29.24 in. at Hernösand, and to 29.75 in. at Valencia. In the east of England they exceed 29.8 in.

WIND

TEMPERATURE

WEATHER

AND

SEA

A further slight rise of temperature is noticed in most places. In the British Islands the readings vary from 64° at Dungeness and 63° at Valencia, to 50° at Lumburgh Head and Wick. The northern readings are still below the average, but those in the south are rather high. At Christiansund the reading is 45°, at Berlin 57°, Paris 60°, Nice 66°. The wind over Scandinavia and the Baltic continues to circulate cyclonically round a position near Hernösand. In our islands it is very light and variable, except in the south, where a faint E^{ly} current has set in, as well as over France. The weather is at present clear over the south and east of England, dull on our south-west coasts and in Scotland, and misty, with heavy dew, over England. The sea is moderate at Valencia and Stornoway, slight elsewhere.

Since yesterday morning the maximum temperatures recorded over the British Islands were 74° at Leith, 72° at Loughborough and Oxford, and 71° in London. At Brussels the maximum was 71°, at Lyons 74°, at Biarritz 86°, but at Berlin only 61°. A little more rain fell in the west and north. Bright sunshine ranged from 12.6 hours at Jersey and 10 hours at Rhyl and Llandudno, to less than 3 hours at Scilly, Valencia and Aberdeen, and none at Stornoway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new disturbance noticed yesterday dispersed on touching Ireland. Another system is now advancing towards Scilly and threatens to cause broken, rainy weather over England towards night.

FORECASTS *

For the 24 hours ending at NOON on 17th August, 1902

DISTRICTS.		FORECASTS.	
0	{ SCOTLAND NORTH	{ E ^{ly} and N.E ^{ly} winds freshening, with rain.	{ Same as Nos. 0 and 1.
1	{ SCOTLAND EAST		
2	{ ENGLAND N.E.	Varying winds, unsettled, rain at times	{ Same as Nos. 3 to 5.
3	{ ENGLAND EAST		
4	{ MIDLAND COUNTIES	{ S.E ^{ly} to S.W ^{ly} and W ^{ly} winds freshening; cloudy, then rainy, perhaps thunder.	{ E ^{ly} to N ^{ly} winds, moderate, cloudy, then rainy, unsettled. Colder.
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	*	*	*	*	*	*	*	*	*	*	b	*	b, w	64	58	7.7	-
Newton Reigny (Penrith)	29.90	63	NW 1	m	29.83	-1.4	54	53	-1	20	m	*	o, b, m	68	47	4.7	-
Bath	29.96	68	SW 1	b	29.89	-1.2	56	55	-2	NW 1	b	*	-	70	50	4.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	66	51	c, b, m	3.5	-	Worthing	*	*	*	4.4	*
Birmingham, 9 p.m. ...	70	53	c	3.8	-	Llandudno	*	*	*	9.5	*
Lowestoft, up to 6 p.m. ...	63	46	c	11.5	-	Rhyl up to 6 p.m. ...	*	*	*	10.0	*
Hastings	*	*	*	5.0	*	Southport, 9 p.m. ...	67	51	o, b, o	6.4	-
Eastbourne up to 6 p.m. ...	*	*	*	5.3	*	Manchester, 9 p.m. ...	72	53	om	0.2	-
Brighton	*	*	*	4.8	*	Darwen, 9 p.m. ...	65	50	om, w	2.7	-

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. (measured at 7 a.m.)
	Max.	Min.				at 1 p.m. °	°		
15. VIII. 02					14. VIII. 02				
Marseilles	Information not recd.			Ins.	Geneva	68		bc	-
Utrecht					Berne	64		o	0.04
Copenhagen					Lucerne	64		r	0.16
Prague					Lausanne	?		?	-
Vienna					Lugano	75		6	-
Buda-Pesth					Locarno	?		?	-
St. Petersburg									
Rome									
Malta									
Madeira (Funchal)									

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

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

16. VIII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	h. m.	h. m.	h. m.
Yarmouth	4.38	11.57	7.16
Greenwich	4.48	12. 4	7.20
Wick	4.38	12.16	7.55
Valencia	5.27	12.45	8. 4

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

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

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

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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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on SUNDAY 17TH AUGUST.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Ins.	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.
SCANDINAVIA.	Haparanda	29.21	52	SW	6	r	29.37	+1.9	50	50	-5	S	8	r	*	-	59	50	*	0.63	
	Hernösand	29.36	50	NW	4	o	29.49	+2.5	51	45	-1	NW	6	o	*	-	55	48	*	0.03	
	Stockholm	29.54	55	W	2	c	29.59	+1.1	54	50	0	N	2	b	*	-	63	50	*	0.04	
	Wisby	29.61	57	W	2	b	29.59	+0.2	54	51	-1	Z	0	bc	*	-	63	50	*	-	
	Karlstad	29.57	57	W	2	r	29.66	+0.8	51	45	0	N	2	b	*	-	*	*	*	0.43	
	Färder (X'ania Fjord)	29.57	58	WSW	4	c	29.65	-0.0	53	48	-2	ENE	2	o	2	-	59	52	*	-	
	Bodö	29.40	47	NE	6	r	29.52	+1.0	46	44	-5	W	4	o	2	-	51	43	*	-	
	Christiansund	29.73	46	N	3	r	29.67	-1.1	46	43	+1	NW	4	r	3	-	48	45	*	0.24	
Skudesnaes	29.75	50	NNW	6	c	29.75	-0.3	48	43	-1	NNW	6	b	2	0.0	52	45	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.86	49	NW	2	o	29.76	-1.3	47	43	-3	W	2	o	2	0.0	55	44	*	-	
	Stornoway	29.86	57	E	5	b	29.80	-0.9	50	48	-1	ENE	4	o	4	b	60	46	7.8	-	
	Malin Head	29.75	58	E	2	b	29.69	-1.4	54	54	-4	Z	0	om	2	b	64	53	*	-	
	Blacksod Pt.	29.72	62	NNE	3	cp	29.63	-1.6	59	57	-1	E	2	cm	2	c, cp	65	57	*	0.01	
	Valencia	29.64	65	ENE	3	o	29.62	-1.3	61	60	-2	SE	2	op	3	0.0	68	59	2.5	0.04	
	Roche's Point	29.69	61	ESE	3	o	29.65	-1.6	61	60	+1	SE	2	om	2	0.0	64	55	*	0.01	
	Parsonstown	29.76	65	E	1	o	29.63	-1.9	59	58	-1	SE	1	o	*	0.0	69	56	1.0	0.13	
	Donaghadee	29.78	56	SE	2	bc	29.73	-1.1	54	53	-3	NNE	3	og	3	-	61	52	*	-	
Liverpool Obsy.	29.74	65	NNE	3	bc	29.74	-1.3	55	54	-5	E	2	r	?	bc	66	54	*	0.04		
Holyhead	29.73	62	ENE	2	c	29.67	-1.9	58	57	-2	E	3	ogm	2	c	64	56	*	0.35		
Pembroke (St. Ann's)	29.69	62	SW	2	o	29.68	-1.5	61	60	+1	SSW	2	bcw	2	0.0	70	58	6.0	-		
GERMANY, &c.	Scilly (St. Mary's)	29.67	63	S	2	r	29.70	-0.8	62	60	+1	SW	4	o	3	c, r	66	59	5.6	0.09	
	Jersey (St. Aubins)	29.64	74	ENE	2	og	29.80	-0.3	63	60	-7	SW	3	cm	3	c, og, r	77	60	8.5	0.23	
	Portland Bill	29.69	63	E	3	o	29.73	-1.2	60	60	-1	WSW	3	bcw	2	c, o	66	59	*	1.10	
	Dungeness	29.75	64	E	3	c	29.72	-1.9	64	63	0	WNW	2	c	2	bc, r	69	60	*	0.26	
	Wick	29.87	52	E	2	o	29.80	-1.0	50	48	0	E	2	o	1	-	56	47	*	-	
	Nairn	29.86	54	E	2	c	29.77	-1.0	52	51	-2	Z	0	c	1	-	57	48	*	-	
	Aberdeen	29.88	52	E	1	o	29.80	-0.1	51	47	-3	S	1	o	1	0	54	49	0.0	0.01	
	Leith	29.83	54	E	2	o	29.78	-0.5	53	50	-7	E	1	o	*	-	63	51	*	-	
North Shields	29.82	56	E	3	o	29.78	-0.6	54	52	-3	E	2	o	3	c, o, r	60	52	*	0.04		
FRANCE.	Spurn Head	29.80	58	ENE	4	o	29.79	-0.6	55	52	-4	ENE	4	o	3	-	70	52	*	-	
	Yarmouth	29.78	66	Z	0	c	29.76	-1.1	59	56	-2	ENE	4	c	4	b, c	69	57	*	-	
	Loughborough	29.76	69	NE	2	bc	29.75	-1.4	55	55	-2	ENE	2	ogmd	*	c, bc, gr	73	55	*	0.17	
	Oxford	29.69	68	ENE	2	o	29.72	-1.7	61	60	0	E	2	o	*	bc, o, r	77	59	*	0.02	
	London (Brixton)	29.73	72	E	3	o	29.72	-1.7	61	60	0	E	2	o	*	o, p, l	80	59	6.2	0.13	
	The Scaw (Skagen)	29.59	53	W	2	c	29.63	-0.1	55	54	-2	E	1	b	0	-	61	48	*	-	
	Fanö	29.78	50	W	2	o	29.76	-0.8	52	48	-3	NW	6	c	*	-	59	50	*	-	
	Cuxhaven	29.78	60	NW	1	r	29.77	-1.2	53	50	-3	N	2	bc	*	-	63	52	*	0.08	
The Helder	*	*	*	*	*	29.71	-1.4	58	54	-3	ENE	3	o	2	-	66	57	*	0.04		
SPAN. PEN.	Brussels	*	*	*	*	*	29.67	-2.7	62	61	-3	SSW	5	r	*	-	79	58	*	0.20	
	Berlin	29.82	63	SE	1	o	29.75	-2.0	58	56	+1	W	1	c	*	-	70	52	*	0.08	
	Frankfurt	29.82	62	SW	2	b	29.75	-2.9	64	62	+13	SW	2	bc	*	-	78	51	*	0.04	
	Munich	29.98	63	SE	2	b	29.95	-1.5	61	59	+4	SW	3	o	*	-	73	55	*	0.12	
	C. Gris Nez	29.78	69	ENE	3	bc	29.71	-2.2	60	60	-5	NNE	4	o	3	-	73	52	*	0.20	
	Brest	29.72	65	W	1	o	29.80	-0.1	61	60	+2	WSW	3	o	3	-	73	61	*	0.20	
	Lorient	29.72	66	SW	4	o	29.84	+0.4	63	62	+2	WSW	5	o	4	-	78	61	*	-	
	Rochefort	29.79	73	WSW	2	b	29.94	+1.4	66	64	-2	SW	4	b	*	c, b	?	64	*	-	
Biarritz	29.56	71	W	4	o	30.06	+2.0	69	64	-1	SE	1	bc	0	-	95	64	*	-		
SPAN. PEN.	Paris	29.75	75	ESE	2	c	29.81	-1.3	64	60	+1	SW	2	o	*	-	83	62	*	-	
	Belfort	29.82	73	WSW	2	c	29.89	-1.0	60	58	+2	N	3	o	*	-	79	58	*	0.28	
	Lyons	29.86	75	S	3	c	30.01	+0.2	63	59	-1	NE	1	o	*	c, p, l	85	62	*	0.20	
	Nice	30.04	72	Z	0	b	30.05	-0.2	66	63	0	NE	2	o	0	-	77	57	*	-	
	Perpignan	29.95	76	NE	2	b	29.97	-0.1	72	64	+2	W	2	b	*	-	87	66	*	-	

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

WEATHER CHARTS

FOR Sunday, 17th August, 1902

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°.

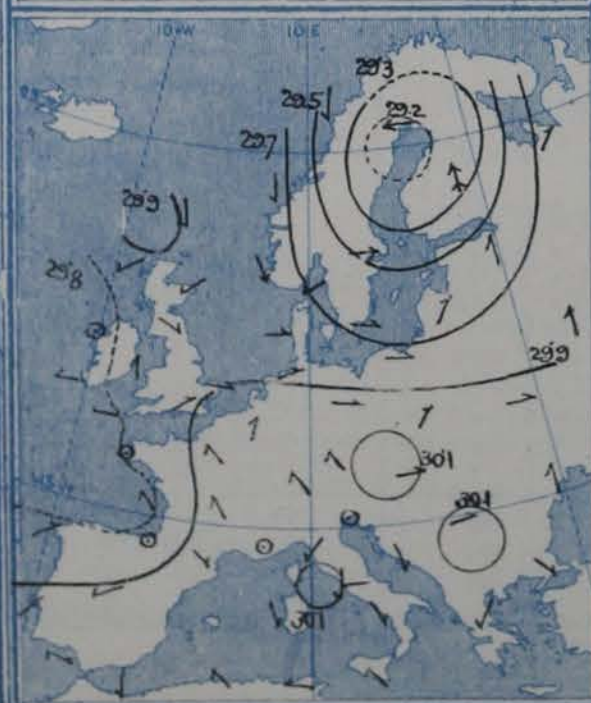
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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 AUGUST. (1871-1900)



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning the barometer has fallen over the greater part of our area, but risen in the extreme southwest, and at most Scandinavian stations. The highest readings, 30.0 ins. and above, are now over the Iberian Peninsula and the south of France, while the lowest, 29.4 ins. and less, are still shown in a disturbance over the north of Sweden, but they are below 29.6 ins. in another system over Ireland and the neighbouring Channels, and below 29.7 ins. in a third over the Netherlands. Pressure is now increasing over Scandinavia and France, decreasing elsewhere.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind circulates around the various centres of disturbance, being Southwesterly over the Channel, and South of England and Germany, and mainly Easterly in the other parts of our Islands and at the Helder, while over Norway and Sweden it is Northwesterly or Northerly except at Haparanda where a Southerly gale is reported. Temperature has fallen in most places, and ranges from 72° at Perpignan, and 64° at Paris and Frankfurt, to 61° in London and over the south of Ireland, to 50° at Wick, and 46° in the northwest of Norway. The weather has become dull in most parts of our Islands, and rain is falling at Liverpool and Loughborough, and showers at Valencia. Over the southwest of France and the south of Sweden the sky is clear, but rain prevails at Brussels and also at Haparanda and Christiansund. The sea is moderate to smooth.

During yesterday the temperature rose to 80° in London, 77° at Oxford and Jersey, and to about 70° or above in several parts of England and Ireland. At Perpignan the maximum was 87° and at Biarritz 95°. Rain fell during the evening or night in almost all parts of the Kingdom, the largest amount being 1.10 ins. at Portland Bill. Thunder and lightning were also experienced at several southern stations. Bright sunshine was fairly prevalent, except at Aberdeen and in Ireland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 18th August, 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

- None Issued -

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

- None Issued -

WARNINGS

- None Issued -

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature		Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	m	*	b.c	68	57	11.5	—
Newton Reigny (Penrith)																
Bath	29.70	73	SE 1	b	29.72 -17	63	61	+7	SW 1	b	*	—	77	59	7.2	0.35

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	69	52	c, b, c	7.6	—	Worthing	*	*	*	10.9	*
Birmingham, 9 p.m. ...	75	53	o	6.2	—	Llandudno	*	*	*	10.1	*
Lowestoft, up to 6 p.m. ...						Rhyl up to 6 p.m. ...	*	*	*		*
Hastings	*	*	*	12.2	*	Southport, 9 p.m. ...	67	52	c, o	7.6	—
Eastbourne up to 6 p.m. ...	*	*	*	*	*	Manchester, 9 p.m. ...					
Brighton	*	*	*	*	*	Darwen, 9 p.m. ...					

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

STATIONS. 16. VIII. 02.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 15. VIII. 02.	TEMPERATURE, F. at 1 p.m.		WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °				°	°		
Marseilles	86	57	b b	Ins.	Geneva	70		b	—
Utrecht	68	50	c o	—	Berne	72		o	—
Copenhagen	61	52	o o	—	Lucerne	70		b c	0.04
Prague	64	48	b b	—	Lausanne	?		?	—
Vienna	66	48	o o	0.16	Lugano	79		b c	—
Buda-Pesth	64	50	b o	0.63	Locarno	?		?	—
St. Petersburg	64	50	b o	—					
Rome	80	60	b b	—					
Malta	82	73	? c	—					
Madeira (Funchal)	79	63	b 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.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

17. VIII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.4	11.57	7.14
Greenwich	4.50	12.4	7.18
Wick	4.46	12.16	7.52
Valencia	5.29	12.45	8.2

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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

MONDAY 18th AUGUST

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.																					
STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.		Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.
			At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Max.	Min.		
SCANDINAVIA.	Haparanda	29.60	52	S	2	0	29.68	+31	52	51	+2	SW	4	0	*	-	57	50	*	0.08	
	Hernösand	29.69	48	Z	0	b	29.81	+32	51	47	0	Z	0	b	*	-	57	48	*	-	
	Stockholm	29.77	53	Z	0	b	29.84	+25	59	54	+5	S	2	b	*	-	63	46	*	-	
	Wisby	29.75	57	Z	0	b	29.85	+26	57	53	+3	Z	0	b	*	-	59	50	*	-	
	Karlstad	29.73	55	SW	2	b	29.80	+14	53	49	+2	SW	4	0	*	-	59	50	*	-	
	Færder (X'ania Fjord)	29.71	58	S	2	b	29.73	+08	57	54	+4	S	3	0	*	-	61	52	*	-	
	Bodö	29.63	49	WSW	2	0	29.70	+18	49	46	+3	SW	2	bc	1	-	52	43	*	-	
	Christiansund	29.69	49	WSW	3	+	29.74	+07	45	43	-1	W	4	+	3	-	50	43	*	0.04	
	Skudesnaes	29.80	49	NNW	4	c	29.76	+01	53	48	+5	SE	2	c	2	c, b	54	46	*	*	
	Sumburgh Head	29.72	47	W	2	c	29.66	-10	44	43	-3	NE	3	+	3	c	50	41	*	0.05	
BRITISH ISLANDS.	Stornoway	29.72	56	E	4	b	29.63	-17	49	47	-1	E	5	0	5	c, b	59	47	7.1	-	
	Malin Head	29.59	55	ESE	3	+	29.49	-20	57	57	+3	S	3	og	2	r	57	53	*	0.28	
	Blackod Pt.	29.59	62	SSW	4	bc	29.49	-14	57	57	-2	NNE	3	cp	3	r, bc	63	55	*	0.46	
	Valencia	29.63	64	S	3	c	29.51	-11	62	60	+1	S	3	cp	3	c	66	59	7.5	0.02	
	Roche's Point	29.69	62	SW	2	cp	29.58	-07	62	61	+1	SW	3	cp	3	o, bc, cp	67	59	*	0.31	
	Parsonstown	29.62	66	W	1	cp	29.52	-11	63	60	+4	SE	3	cp	3	cp	67	56	2.5	0.33	
	Donaghadee	29.62	55	SE	2	omt	29.55	-18	57	57	+3	SW	2	omt	1	-	57	53	*	0.27	
	Liverpool Obsy.	29.68	58	ESE	2	0	29.65	-09	62	60	+7	S	2	bc	2	o, o	63	54	*	0.43	
	Holyhead	29.67	60	SW	3	opm	29.61	-06	60	59	+2	SW	5	m	3	o, opm	62	57	*	0.02	
	Pembroke (St. Ann's)	29.72	61	SW	5	bc	29.64	-04	60	60	-1	SW	3	omd	4	-	64	58	3.9	0.67	
GERMANY, &c.	Scilly (St. Mary's)	29.79	65	SSW	5	0	29.65	-08	63	62	+1	SW	5	m	4	0	67	60	7.4	0.13	
	Jersey (St. Aubin's)	29.91	65	W	5	bcm	29.87	+07	62	61	-1	SE	5	om	4	bc, bc, m	68	60	7.0	0.20	
	Portland Bill	29.80	62	WSW	5	bc	29.78	+05	60	59	0	SSW	5	tm	4	c, bc	65	59	*	0.02	
	Dungeness	29.80	63	W	4	bc	29.89	+17	61	61	-3	SW	5	0	3	bc, c	66	60	*	-	
	Wick	29.72	55	E	3	bc	29.62	-18	48	46	-2	NE	3	d	2	-	56	47	*	0.04	
	Nairn	29.67	55	E	1	c	29.58	-19	51	50	-1	ENE	4	+	3	-	60	48	*	0.41	
	Aberdeen	29.72	52	S	1	og	29.55	-25	53	53	+2	SSE	1	tm	1	c, og	59	51	2.8	0.38	
	Leith	29.69	56	ESE	1	0	29.55	-23	59	57	+6	W	1	cm	*	-	59	52	*	0.39	
	North Shields	29.75	52	NW	2	+	29.64	-14	60	58	+6	SSW	3	bcm	2	+	60	51	*	0.38	
	Spurn Head	29.73	54	ENE	5	0	29.72	-07	62	60	+7	SSW	4	bc	2	o, r	63	55	*	0.23	
FRANCE.	Yarmouth	29.77	60	SE	4	0	29.76	-00	62	60	+3	WSW	4	bc	3	c, o	62	54	*	0.15	
	Loughborough	29.71	61	Z	0	b	29.73	-02	60	58	+5	SSW	4	ow	*	o, bc, q	65	55	*	0.57	
	Oxford	29.76	62	SW	4	bc	29.78	+06	62	60	+1	SSW	4	0	*	omp, bc	67	57	*	0.09	
	London (Brixton)	29.74	66	WSW	2	bc	29.80	+08	64	60	+3	SSW	4	0	*	o, r, o	67	54	0.6	0.21	
	The Scaw (Skagen)	29.74	53	WSW	1	b	29.79	+16	52	49	-3	SW	3	0	1	-	63	48	*	-	
	Fanö	29.86	50	Z	0	c	29.84	+08	52	49	0	SE	2	c	*	-	57	46	*	-	
	Cuxhaven	29.83	57	N	2	b	29.83	+06	51	50	-2	SSE	2	+	*	-	57	50	*	0.08	
	The Helder	29.79	59	ENE	1	bc	29.79	+08	63	60	+5	WSW	4	b	3	-	63	?	*	0.20	
	Brussels	*	*	*	*	*	30.00	+33	62	59	0	SW	3	c	*	-	69	56	*	0.04	
	Berlin	29.83	62	Z	0	c	29.88	+13	59	55	+1	Z	0	0	*	-	66	57	*	0.04	
SPAN. PEN.	Frankfurt	29.91	66	SW	4	c	29.99	+24	64	60	0	SW	4	bc	*	-	73	61	*	0.12	
	Munich	30.06	57	W	4	+	30.14	+19	64	59	+3	SW	4	c	*	-	72	55	*	0.28	
	C. Gris Nez	29.86	62	SW	5	0	29.91	+20	61	60	+1	SW	6	0	5	-	66	59	*	0.24	
	Brest	29.93	64	SW	3	b	29.83	+03	61	61	0	SSW	4	f	4	-	68	61	*	0.20	
	Lorient	29.98	68	W	4	c	29.88	+04	63	63	0	SW	6	+	5	-	72	63	*	0.12	
	Rochefort	30.03	70	WSW	4	c	30.02	+08	64	64	-2	S	3	bc	*	c	73	61	*	*	
	Biarritz	30.10	71	N	3	b	30.04	-02	64	61	-5	Z	0	b	2	-	77	57	*	-	
	Paris	29.91	71	WSW	2	bc	30.04	+23	59	57	-5	S	2	0	*	-	73	56	*	-	
	Belfort	29.95	66	W	2	c	30.07	+18	62	62	+2	W	3	0	*	-	73	58	*	-	
	Lyons	30.00	72	N	1	bc	30.12	+11	64	57	+1	N	1	0	*	-	81	63	*	-	
SPAN. PEN.	Nice	29.97	69	Z	0	f	30.04	-01	69	66	+3	E	1	0	*	-	81	63	*	-	
	Perpignan	30.02	79	NW	1	c	30.08	+11	70	65	-2	Z	0	bc	*	-	89	61	*	-	
SPAN. PEN.	Corunna																				
	Lisbon																				
SPAN. PEN.	Azores (P. Delgada)																				

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, 18th AUGUST, 1902

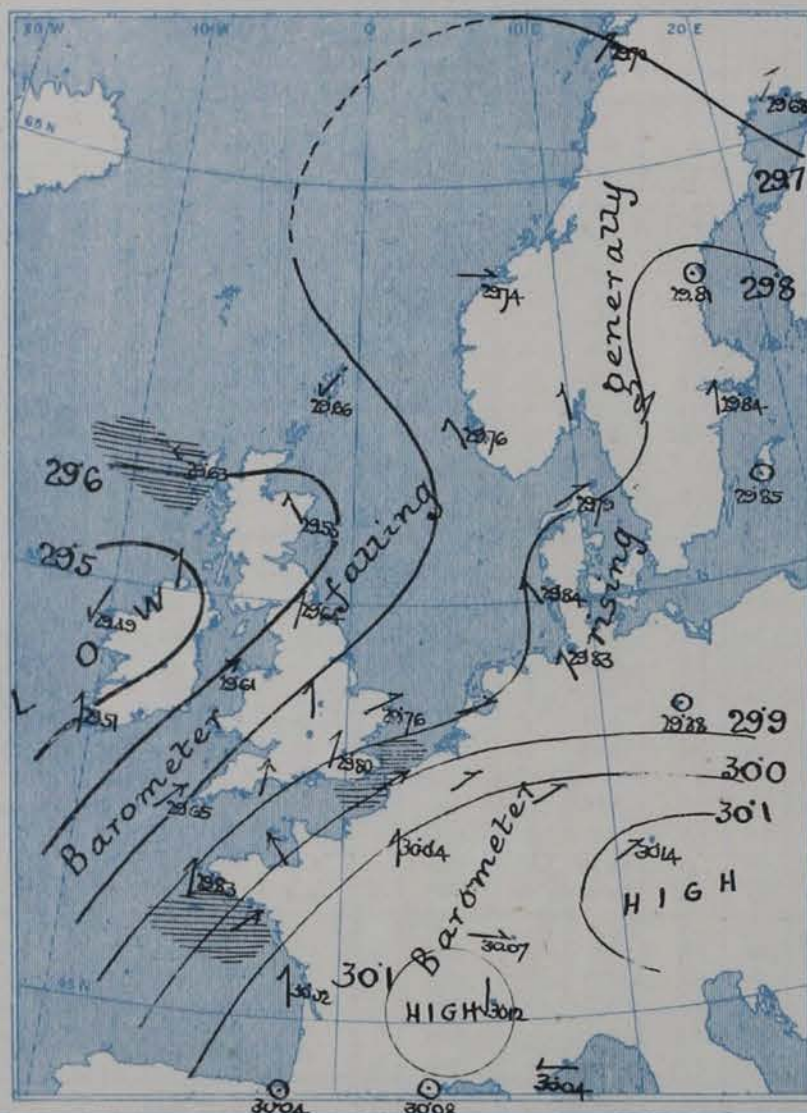
I. BAROMETER, WIND AND SEA. This Morning.

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 ■

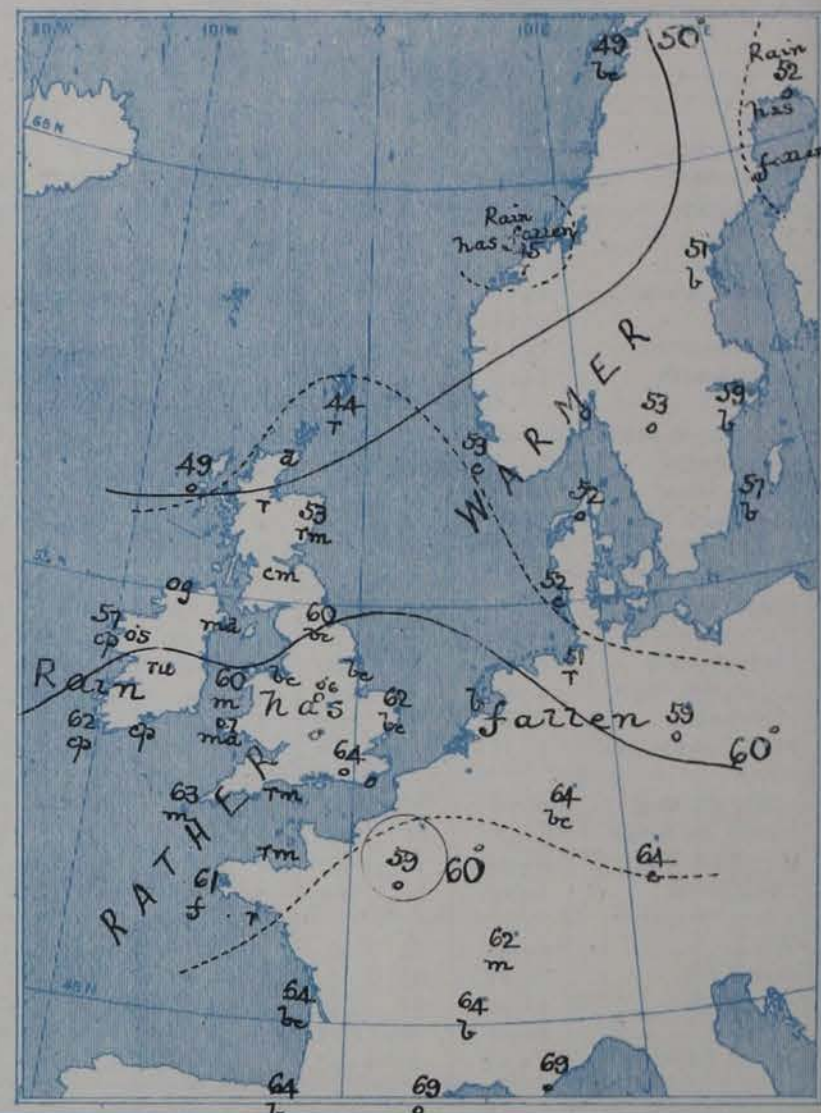


II. TEMPERATURE AND WEATHER. This Morning.

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—0.8

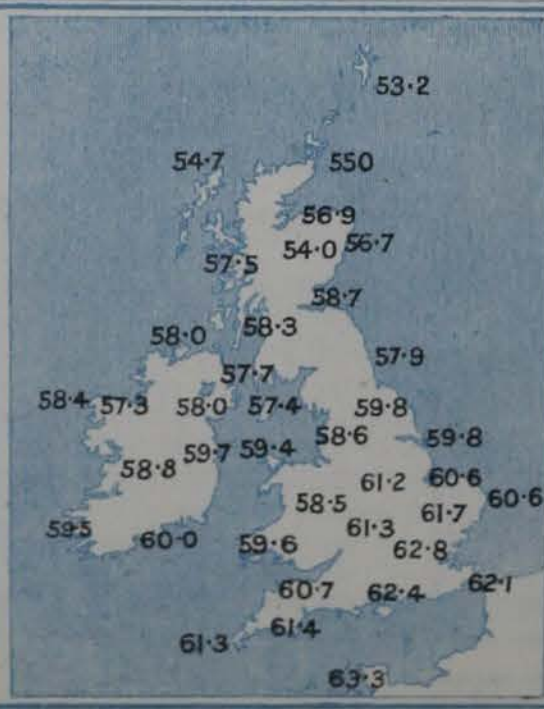


III. BAROMETER AND WIND

Yesterday morning.



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



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is highest over the southern parts of Germany and France and lowest in a depression lying over the north of Ireland and the neighbouring parts of the Atlantic. The readings range from 30.14 in. at Munich and 29.84 in. at Stockholm to 29.49 in. at Blackrod Point.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is very variable over Scandinavia, E^{ly} in Scotland, S^{ly} to S.W^{ly} over England and the south of Ireland, still more W^{ly} over France, but N^{ly} at Blackrod Point; in some places it is fresh, but in most it is moderate in force. Temperature has not changed much in our Islands it varies from 64° in London and more than 60° at all the southern stations, to 53° at Aberdeen and 48° at Wick. The Scotch values are a few degrees below the average, but those in the south are a little high. The weather is very dull and unsettled everywhere with frequent rain. The air is close. The sea is moderate in the south-west and in the far north, but slight elsewhere.

Since yesterday morning rain fell very generally over the British Isles and their neighbourhood and in several cases the amount was considerable. Temperature touched 68° at Jersey, 67° at Oxford and in London; in the northern parts of Scotland and Ireland it has not reached 60°. At Berlin it attained 66°, at Paris 78° and at Perpignan 89°. Bright sunshine was greatest (7.4 hrs) at Scilly, elsewhere it was less - in many places there was none.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very changeable rainy weather is still indicated, with close muggy air and thunder in several places. Considerable changes of temperature are probable.

FORECASTS *

For the 24 hours ending at NOON on 19th August, 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	E ^{ly} and S.E ^{ly} winds moderate; rainy, cold.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	S ^{ly} and S.W ^{ly} winds, fresh to strong; dull, rainy, some thunder in places.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	S.W ^{ly} to N.W ^{ly} winds, moderate; rainy, thundery, changeable.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	Very variable winds, colder, changeable from rainy to fair.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

WARNINGS

None issued.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea	Weather	Temperature.		Sun- shine. Hrs	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	m, c	65	57	1.8	0.06
Newton Reigny (Penrith)	29.67	53	E 1	r	29.59		60	58		S 2	o	*	overcast	60	51	0.0	0.39
Bath	29.75	66	W 3	b	29.75	+0.3	61	60	-2	W 2	r	*	-	69	54	2.2	0.13

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	61	51	oT	0.0	0.43	Worthing	*	*	*	3.4	*
Birmingham, 9 p.m. ...	*	*	*	*	*	Llandudno	*	*	*	0.0	*
Lowestoft, up to 6 p.m. ...	*	*	*	*	*	Rhyl up to 6 p.m. ...	*	*	*	0.3	*
Hastings	*	*	*	3.9	*	Southport, 9 p.m. ...	56	53	c, oT	0.0	0.35
Eastbourne up to 6 p.m. ...	*	*	*	4.1	*	Manchester, 9 p.m. ...	66	53	o, T	0.0	0.60
Brighton	*	*	*	3.2	*	Darwen, 9 p.m. ...	56	50	overcast	0.0	0.43

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. at 1 p.m.	WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.						
17. VIII. 02.					16. VIII. 02.			
Marseilles	not yet received		at 4 m.	Ins.	Geneva	81	bc	—
Utrecht					Berne	75	bc	—
Copenhagen					Lucerne	73	b	—
Prague					Lausanne	?	?	—
Vienna					Lugano	75	bc	0.28
Buda-Pesth					Locarno	?	?	—
St. Petersburg								
Rome								
Malta								
Madeira (Funchal)								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

18. VIII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.42	11.57	7.12
Greenwich	4.52	12.4	7.16
Wick	4.42	12.16	7.50
Valencia	5.31	12.45	8.0

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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

TUESDAY 19TH AUGUST.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 82° 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 ...	29.88	51	SW	4	c	29.95	+27	56	51	+4	SW	4	b	*	-	59	50	*	-	
	Hernösand ...	29.84	54	Z	0	b	29.87	+06	55	51	+4	S	4	o	*	-	61	46	*	-	
	Stockholm ...	29.91	55	S	2	b	29.90	+06	59	57	0	S	2	o	*	-	66	48	*	-	
	Wisby ...	29.93	53	Z	0	b	29.89	+04	58	57	+1	S	2	+	*	-	64	46	*	0.04	
	Karlstad ...	29.88	51	Z	0	o	29.80	00	56	54	+3	SSW	4	o	*	-	*	*	*	-	
	Færder (K'lantå Fjord)	29.80	54	S	4	r	29.69	-04	57	56	0	SSE	4	m	2	-	57	54	*	0.12	
	Bodö ...	29.79	49	Z	0	c	29.73	+03	50	47	+1	NE	2	b	1	-	54	43	*	-	
	Christiansund ...	29.76	49	SW	1	bc	29.53	-21	?	47	?	E	3	+	2	-	50	45	*	-	
	Skudesnaes ...	29.69	49	E	4	+	29.48	-28	54	54	+1	S	4	?	4	+	54	48	*	*	
	Sumburgh Head	29.58	45	NE	3	+	29.52	-14	47	45	+3	N	4	o	4	+	47	43	*	0.18	
Stornoway ...	29.63	51	ENE	5	o	29.67	+04	45	41	-4	W	1	b	1	o	56	38	3.0	-		
Malin Head ...	29.52	54	N	5	c	29.67	+18	51	48	-6	NW	5	bc	4	bc,c	60	49	*	0.08		
Blacksod Pt. ...	29.57	58	NNE	4	o	29.75	+26	54	49	-3	N	3	c	2	bc,o	63	51	*	-		
Valencia ...	29.59	62	WNW	2	bc	29.73	+22	58	55	-4	NNE	1	c	3	c,bc	63	51	3.4	0.01		
BRITISH ISLANDS.	Roche's Point ...	29.56	65	W	3	bc	29.72	+14	58	55	-4	NNW	3	b	2	bc	66	55	*	-	
	Parsonstown ...	29.51	66	Z	0	c	29.72	+20	55	52	-8	N	2	c	*	bcp,c	69	48	8.0	0.05	
	Donaghadee ...	29.49	61	NE	2	bc	29.64	+09	53	50	-4	NNE	4	bc	3	p,bc	62	50	*	0.20	
	Liverpool Obsy.	29.54	67	SW	3	b	29.64	-01	56	54	-6	WNW	2	o	3	p,b	69	55	*	0.03	
	Holyhead ...	29.53	60	SW	5	cm	29.66	+05	55	53	-5	NW	3	o	2	cmd,cm	65	53	*	0.01	
	Pembroke (St. Ann's)	29.60	61	SW	5	o	29.68	+04	58	57	-2	W	2	c	3	f,o,p	63	57	1.4	0.04	
	Scilly (St. Mary's)...	29.64	63	SW	3	o	29.67	+02	63	62	0	SW	1	cp	3	r,o	66	60	2.2	0.07	
	Jersey (St. Aubins)...	29.79	65	S	5	omp	29.78	-09	63	61	+1	SE	2	cm	2	omp,gb	66	60	0.0	0.18	
	Portland Bill ...	29.70	60	SSW	3	rf	29.75	-03	59	59	-1	SSW	4	f	3	r,m,rf	62	58	*	0.50	
	Dungeness ...	29.78	61	SSW	5	+	29.75	-14	61	61	0	WSW	5	o	4	+	63	59	*	1.09	
Wick ...	29.56	48	NE	3	o	29.60	-02	49	46	+1	NE	3	bc	3	-	50	43	*	0.08		
Nairn ...	29.55	50	ENE	2	+	29.63	+05	49	46	-2	W	1	cd	1	-	51	45	*	0.23		
Aberdeen ...	29.48	53	N	3	otg	29.59	+04	51	48	-2	NW	3	c	2	c,otg	63	48	2.0	0.29		
Leith ...	29.43	59	WSW	1	o	29.59	+04	51	50	-8	ENE	1	o	*	-	61	50	*	0.64		
North Shields ...	29.48	67	SW	2	c	29.59	-05	53	52	-7	NNE	2	o	3	r,o,c,r	71	51	*	0.30		
Spurn Head ...	29.61	63	SSW	4	c	29.58	-14	60	59	-2	WSW	4	c	3	-	67	58	*	-		
Yarmouth ...	29.68	64	SSW	4	ot	29.63	-13	63	60	+1	WSW	4	bcm	3	ot	66	59	*	0.34		
Loughborough ...	29.60	66	SW	3	bc	29.63	-10	63	60	+3	WNW	4	cmw	*	ot,bc,c	69	58	*	0.04		
Oxford ...	29.66	62	SSW	4	op	29.68	-10	62	60	+1	WSW	3	bc	*	op,bc	65	59	*	0.32		
London (Brixton)	29.71	63	SSW	2	ot	29.69	-11	64	61	0	WSW	3	bc	*	r,o,b	65	59	0.1	0.85		
GERMANY, &c.	The Scaw (Skagen)	29.80	56	SSE	2	o	29.68	-11	59	58	+7	SSE	3	m	1	-	59	52	*	-	
	Fanö ...	29.82	58	SSE	2	r	29.62	-22	59	58	+7	SSE	3	r	*	-	63	52	*	0.43	
	Cuxhaven ...	29.88	62	W	1	o	29.66	-17	61	61	+10	S	4	o	*	o,t	64	51	*	0.47	
	The Helder ...	29.74	62	SSW	3	+	29.60	-19	63	62	0	W	3	c	3	-	66	61	*	0.55	
	Brussels ...	*	*	*	*	*	29.80	-20	65	61	+3	SW	4	c	*	-	73	60	*	0.28	
	Berlin ...	29.96	65	Z	0	b	29.89	+01	60	58	+1	SSE	1	+	*	-	72	57	*	0.04	
	Frankfurt ...	29.97	68	SW	2	o	29.89	-10	68	62	+4	SW	1	b	*	-	75	61	*	-	
	Munich ...	30.13	62	E	2	b	30.10	-04	65	61	+1	SE	1	b	*	-	73	54	*	-	
FRANCE.	C. Gris Nez ...	29.81	62	SSW	7	+	29.75	-16	61	61	0	SW	5	o	2	-	?	59	*	0.33	
	Brest ...	29.76	62	SSW	4	f	29.75	-08	61	61	0	SSW	3	f	3	-	64	59	*	0.39	
	Lorient ...	29.86	67	SW	6	+	29.81	-07	63	63	0	WSW	6	o	5	-	70	61	*	0.24	
	Rochefort ...	29.93	70	W	2	b	29.88	-14	65	64	+1	S	2	c	*	b	82	63	*	-	
	Biarritz ...	29.94	77	Z	0	b	29.93	-11	70	68	+6	WSW	4	b	1	-	79	64	*	-	
	Paris ...	29.89	75	SSW	2	b	29.89	-05	63	61	+4	SSW	2	o	*	-	77	59	*	-	
	Belfort ...	29.97	71	WSW	2	c	29.93	-14	65	60	+3	Z	0	b	*	-	76	56	*	-	
	Lyons ...	30.00	77	E	1	b	29.93	-09	74	60	+10	S	2	b	*	-	86	62	*	-	
Nice ...	30.05	71	Z	0	c	30.28	+24	69	66	0	Z	0	b	1	-	82	63	*	-		
Perpignan ...	29.98	75	N	2	b	29.98	-10	68	66	-2	Z	0	bc	*	-	85	61	*	-		
SPAN. PEN.	Corunna ...														*			*			
	Lisbon ...														*			*			
	Azores (P. Delgada)														*			*			

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, 19th August, 1902

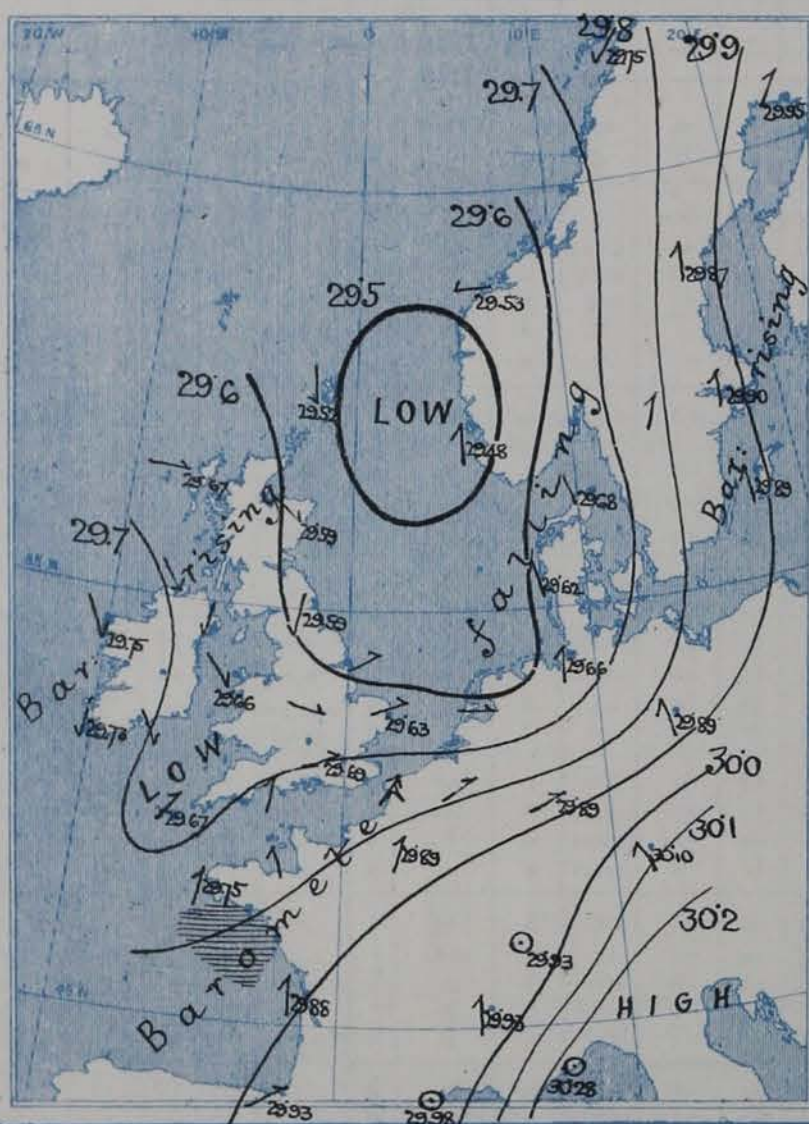
I. BAROMETER, WIND AND SEA. This Morning.

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 :

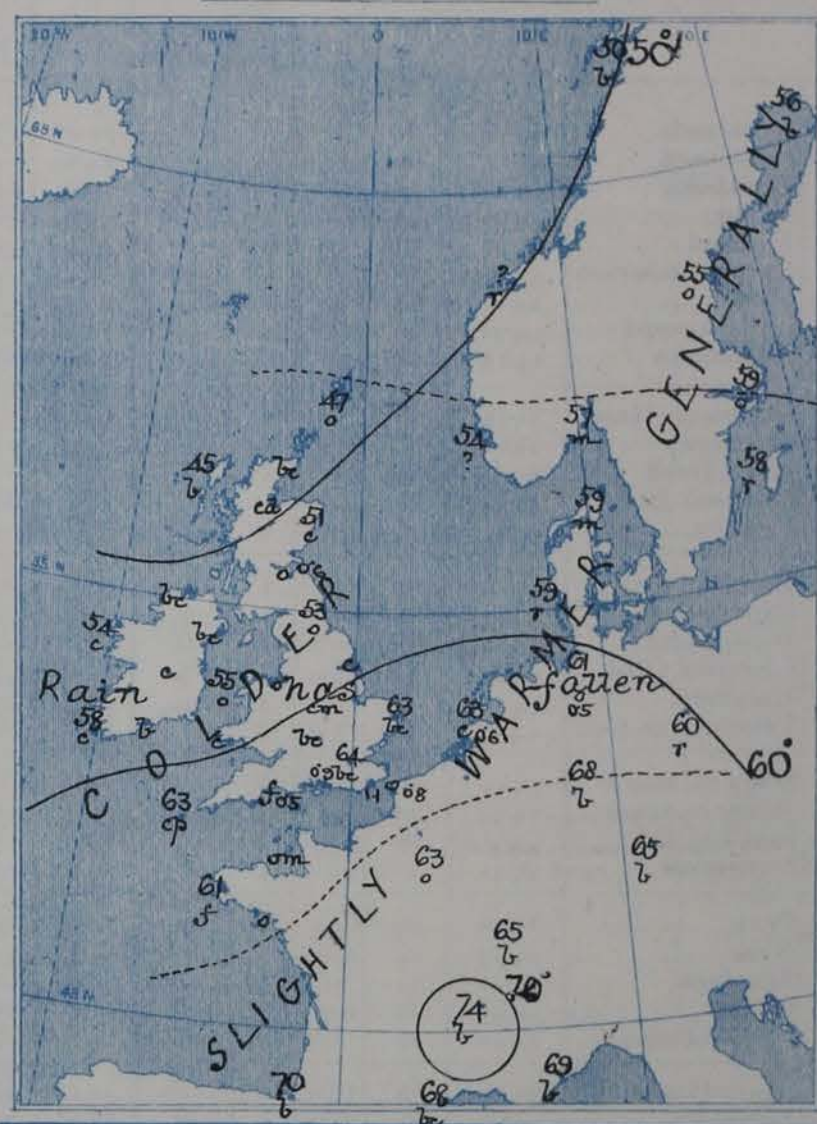


II. TEMPERATURE AND WEATHER. This Morning

TEMPERATURE.—Isotherms are drawn for each 10°.

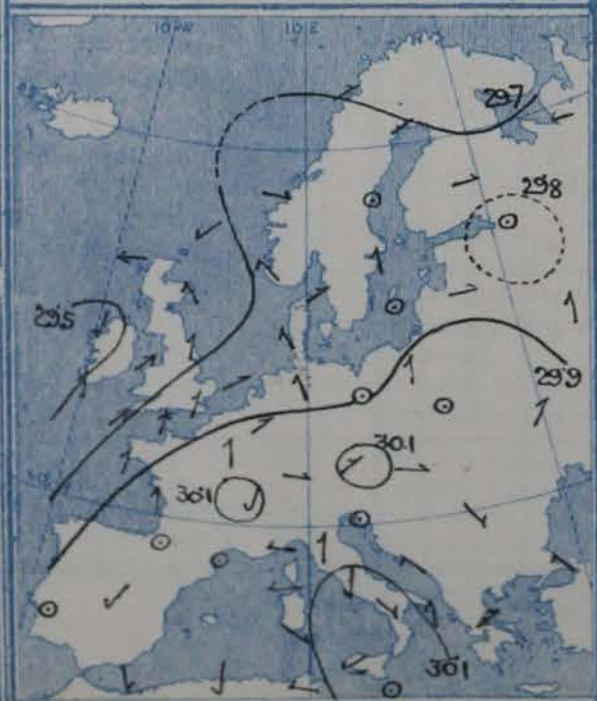
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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—0.8



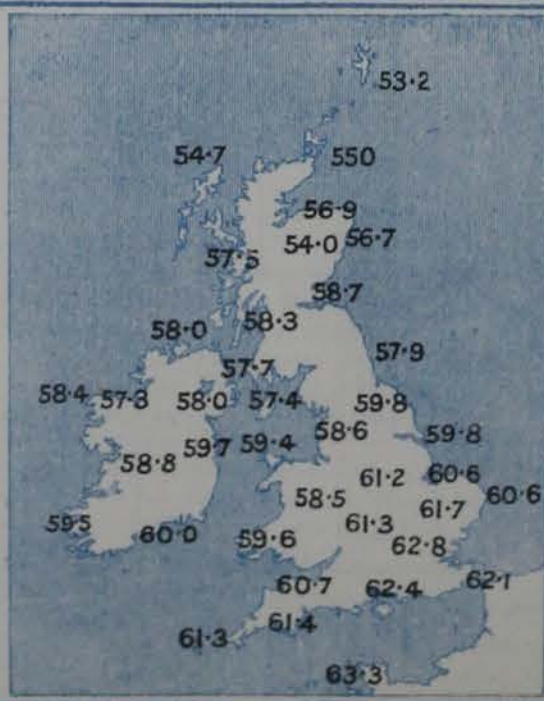
III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES

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



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is still highest over the southern parts of Germany and France, but is lowest off the south-west of Norway. The morning readings ranging from 30.10 in. at Munich and 29.75 in. at Blackod Point to 29.67 in. at Scilly and 29.48 in. at Skudesnaes. The depression which reached the north of Ireland yesterday had now reached Norway and a secondary lies near Scilly.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is S^W to E^W over Scandinavia, N^W to N.W^W in Scotland. In Ireland it is N^W but over England and the north of France it is still fresh from S.W. In the south of France it is calm. Temperature has fallen decidedly at most of our western stations, but has changed little and irregularly elsewhere. In our Islands it varies from 64° in London and 63° at Scilly and Yarmouth, to 54° at Blackod Point, and 45° at Stornoway. Our northern and north-western stations are decidedly cold for the time of year, but those in the south differ but little from the average. The weather is clearing up (for a time) in Scotland and Ireland but is still cloudy close and unsettled over England. The sea is moderate to slight. Since yesterday morning rain has fallen all over England and Ireland and in most parts of Scotland; the amounts were greatest at Leith and over the south and south-east of England (0.85 in. in London and 1.09 in. at Dungeness), where the fall was very continuous for many hours. Bright sunshine amounted to 10 hr. at Rhyl, 9 hr. at Glenduro and 8 hr. at Patrington; in most parts of England there was none. A maximum temperature of 71° was recorded at Shields, 69° at Liverpool.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is now rising decidedly in Ireland and the N^W wind is likely to spread temporarily all over the Kingdom, with a fall of temperature. There is nothing indicative of settled weather at present.

FORECASTS *

For the 24 hours ending at NOON on 20th August, 1902

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Variable and N ^W winds, light to moderate. Colder, fair.
1	SCOTLAND EAST	
2	ENGLAND N.E.	S.W ^W winds, close and showery, to N ^W , colder and fair.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Wind becoming N ^W and light; colder, fair as a whole.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
WARNINGS		None issued.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar.	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	*	*	*	*	*	*	*	*	*	bc	*	bc, o	66	60	3.6	0.67
Newton Reigny (Penrith)	29.48	59	SSW 2	†	29.56	-0.03	55	55	-5	NW 1	†	0. bc, †	66	51	3.3	0.22
Bath	29.56	64	S 1	†	29.70	-0.05	63	59	+2	SW 2	0	-	66	59	0.0	0.13

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	67	51	0, c	3.7	0.25	Worthing	*	*	*	0.0	*
Birmingham, 9 p.m. ...	65	54	c	0.2	0.14	Llandudno	*	*	*	8.6	*
Lowestoft, up to 6 p.m. ...	67	54	0, †	3.0	0.27	Rhyl up to 6 p.m. ...	*	*	*	10.0	*
Hastings up to 6 p.m. ...	*	*	*	0.0	*	Southport, 9 p.m. ...	70	57	2, ou, c	7.4	0.04
Eastbourne up to 6 p.m. ...	*	*	*	0.0	*	Manchester, 9 p.m. ...	73	54	c, b, †	3.3	0.08
Brighton up to 6 p.m. ...	*	*	*	0.0	*	Darwen, 9 p.m. ...	66	53	ou, w	3.2	0.21

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

STATIONS. 18 . VIII . 02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 17. VIII. 02	TEMPERATURE, F. at 1 p.m. °	WEATHER.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	84	59	bc 6	Ins.	Geneva	not yet received		Ins.
Utrecht... ..	64	57	0 0	0.04	Berne			
Copenhagen... ..	63	48	6 0	—	Lucerne			
Prague	70	57	0 0	—	Lausanne... ..			
Vienna	73	61	2 6	0.28	Lugano			
Buda-Pesth ... not recd.					Locarno			
St. Petersburg	64	48	c 0	—				
Rome	86	63	6 6	—				
Malta	79	55	? c	—				
Madeira (Funchal) not recd.								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.
Germany, Denmark Norw. 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

19 Aug., 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.44	11.57	7.10
Greenwich	4.54	12.4	7.14
Wick	4.45	12.16	7.47
Valencia	5.33	12.45	7.58

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† Except at Oxford, where the observations are taken at 3 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 20th August, 1902

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.	Ins.	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.
SCANDINAVIA.	Haparanda ...	29.89	52	ESE	2	bc	29.76	-19	58	53	+2	S	6	bc	*	-	59	50	*	-		
	Hernösand ...	29.72	55	E	4	o	29.29	-58	55	54	0	E	8	r	*	-	57	50	*	0.59		
	Stockholm ...	29.62	57	ESE	2	r	29.45	-45	57	54	-2	SW	6	o	*	-	63	50	*	0.67		
	Wisby ...	29.58	59	SE	2	r	29.57	-32	58	56	0	W	6	bc	*	-	63	48	*	0.39		
	Karlstad ...	29.40	57	E	2	r	29.40	-40	56	54	0	SW	2	bc	*	-	57	54	*	0.67		
	Færder (X'iania Fjord)	29.41	57	SSW	2	m	29.44	-25	55	50	-2	W	5	bc	3	-	57	54	*	0.71		
	Bodö ...	29.58	57	ESE	4	bc	29.50	-23	58	52	+8	ESE	4	bc	1	-	61	48	*	-		
	Christiansund ...	29.38	53	NNE	2	r	29.60	+07	49	46	?	N	3	o	3	-	57	46	*	0.47		
	Skudesnaes ...	29.58	50	NNW	6	o	29.67	+19	49	45	-5	NNW	4	bc	2	m, o	54	46	*	-		
	Sumburgh Head ...	29.62	50	W	2	bc	29.59	+07	51	49	+4	SSW	1	c	3	bc	54	42	*	-		
BRITISH ISLANDS.	Stornoway ...	29.62	55	SSW	3	o	29.62	-05	50	49	+5	WNW	3	op	3	o	62	42	5.0	0.02		
	Malin Head ...	29.72	55	W	4	c	29.72	+05	54	53	+3	NW	5	bc, c	4	bc, c	56	49	*	0.32		
	Blacksod Pt. ...	29.78	58	W	4	c	29.83	+08	58	54	+4	NW	3	bc	3	c	59	53	*	0.14		
	Valencia... ..	29.86	59	NW	2	o	29.93	+20	58	56	0	WNW	3	bc, c	4	bc, c	64	55	8.7	0.08		
	Roche's Point ...	29.81	62	W	3	c	29.89	+17	58	56	0	WNW	3	bc	3	c	66	51	*	0.01		
	Parsonstown ...	29.79	60	NNW	1	c	29.85	+13	56	55	+1	W	2	cp	*	c	63	48	10.5	0.11		
	Donaghadee ...	29.74	56	NNE	2	bc	29.72	+08	55	53	+2	NW	2	bc, c	2	-	57	49	*	0.02		
	Liverpool Obsy. ...	29.76	55	WNW	3	bc	29.79	+15	55	51	-1	WSW	3	o	3	bc	59	51	*	-		
	Holyhead ...	29.77	55	WNW	1	bc	29.80	+14	56	54	+1	WNW	3	cp	2	c, bc	59	51	*	0.02		
	Pembroke (St. Ann's)	29.78	58	WNW	3	bc	29.86	+18	58	54	0	W	6	op, bc	5	-	61	54	8.9	0.04		
GERMANY, &c.	Scilly (St. Mary's)...	29.82	64	WNW	2	c	29.94	+27	61	59	-2	WNW	4	c	3	c	67	59	10.6	-		
	Jersey (St. Aubins)...	29.84	67	WNW	4	bc	29.96	+18	62	62	-1	WSW	3	op, bc	3	op, bc	71	59	6.7	0.08		
	Portland Bill ...	29.78	62	W	3	bc	29.90	+15	59	57	0	WSW	4	c	3	bc	65	56	*	-		
	Dungeness ...	29.76	62	W	5	c	29.87	+12	61	56	0	WNW	3	bc	2	c	67	54	*	-		
	Wick ...	29.65	51	S	3	bc	29.59	-01	52	50	+3	S	2	o	1	-	56	45	*	-		
	Nairn ...	29.64	56	W	1	c	29.60	-03	52	49	+3	WSW	1	o	0	-	59	42	*	-		
	Aberdeen ...	29.69	51	SE	2	c	29.63	+04	53	49	+2	SW	1	c	1	bc, c, r	57	48	4.5	0.01		
	Leith ...	29.55	54	NE	1	o	29.64	+05	54	52	+3	SW	2	op, bc	*	-	55	47	*	0.01		
	North Shields ...	29.69	54	ENE	2	o	29.68	+09	53	50	0	SW	2	op	2	r, o	55	46	*	0.01		
	Spurn Head ...	29.70	55	NE	2	bc	29.78	+20	53	51	-7	WSW	4	c	2	-	60	50	*	-		
FRANCE.	Yarmouth ...	29.68	64	W	2	o	29.79	+16	57	52	-6	WNW	3	bc, m	3	bc, bc, m	71	48	*	0.35		
	Loughborough ...	29.73	61	W	3	bc	29.82	+19	55	52	-8	WSW	4	bc, w	*	cp, bc, m	67	45	*	0.01		
	Oxford ...	29.77	62	NW	2	o	29.86	+18	54	53	-9	SW	2	o	*	cp	71	47	*	0.02		
	London (Brixton)	29.71	64	W	2	bc	29.87	+18	56	53	-8	WSW	3	o	*	o, bc, bc, bc	72	50	6.2	0.05		
	The Scaw (Skagen)	29.49	56	W	4	m	29.54	-14	54	58	-5	W	5	bc	1	m, r	61	52	*	0.71		
	Fanö ...	29.67	55	W	2	o	29.72	+10	54	50	-5	W	2	c	*	-	61	52	*	0.28		
	Cuxhaven ...	29.71	63	WSW	2	c	29.73	+07	58	57	-3	N	1	o	*	-	66	57	*	0.08		
	The Helder ...	29.69	60	W	1	bc	29.73	+13	61	58	-2	WNW	2	bc	2	-	66	59	*	0.32		
	Brussels... ..	*	*	*	*	*	29.86	+06	61	59	-4	WSW	3	c	*	-	72	59	*	0.63		
	Berlin ...	29.80	65	SSW	2	r	29.96	+13	65	64	+5	SSW	2	bc	*	-	81	59	*	0.35		
SPAN. PEN.	Frankfurt ...	29.86	65	Z	0	bc	29.84	-05	65	63	-3	SW	2	bc	*	-	86	63	*	0.24		
	Munich ...	29.92	71	SW	3	c	30.02	-08	61	61	-4	W	5	r	*	-	84	61	*	0.87		
	C. Gris Nez ...	29.79	62	SSW	3	r	29.90	+15	59	56	-2	W	4	o	4	-	68	57	*	0.24		
	Brest ...	29.91	63	W	2	o	30.01	+26	62	61	+1	NW	2	o	2	-	66	59	*	0.04		
	Lorient ...	29.91	63	WSW	4	bc	30.00	+19	61	61	-2	W	4	c	5	-	72	61	*	0.63		
	Rochefort ...	29.96	67	NW	4	o	30.05	+17	65	64	0	W	3	bc	*	o	77	63	*	-		
	Biarritz ...	30.06	73	W	2	bc	30.15	+22	66	65	-4	E	1	o	1	-	77	63	*	-		
	Paris ...	29.86	72	SSW	3	o	29.97	+08	62	59	-1	SW	2	o	*	-	75	60	*	0.12		
	Belfort ...	29.81	75	WSW	3	o	29.89	-04	65	63	0	WSW	5	o	*	-	85	61	*	0.24		
	Lyons ...	29.87	83	SW	2	c	30.04	+11	62	60	-12	ENE	1	r	*	o, bc, m	92	61	*	0.35		
Nice ...	30.01	75	E	1	bc	29.94	-04	74	65	+5	Z	0	o	0	-	84	66	*	-			
Perpignan ...	29.97	70	NE	2	o	29.99	+01	72	70	+4	WSW	2	bc	*	-	80	64	*	-			
SPAN. PEN.	Corunna ...																					
	Lisbon ...																					
	Azores (P. Delgada)																					

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 yet received.

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

WEATHER CHARTS

FOR WEDNESDAY, 20th AUGUST, 1902

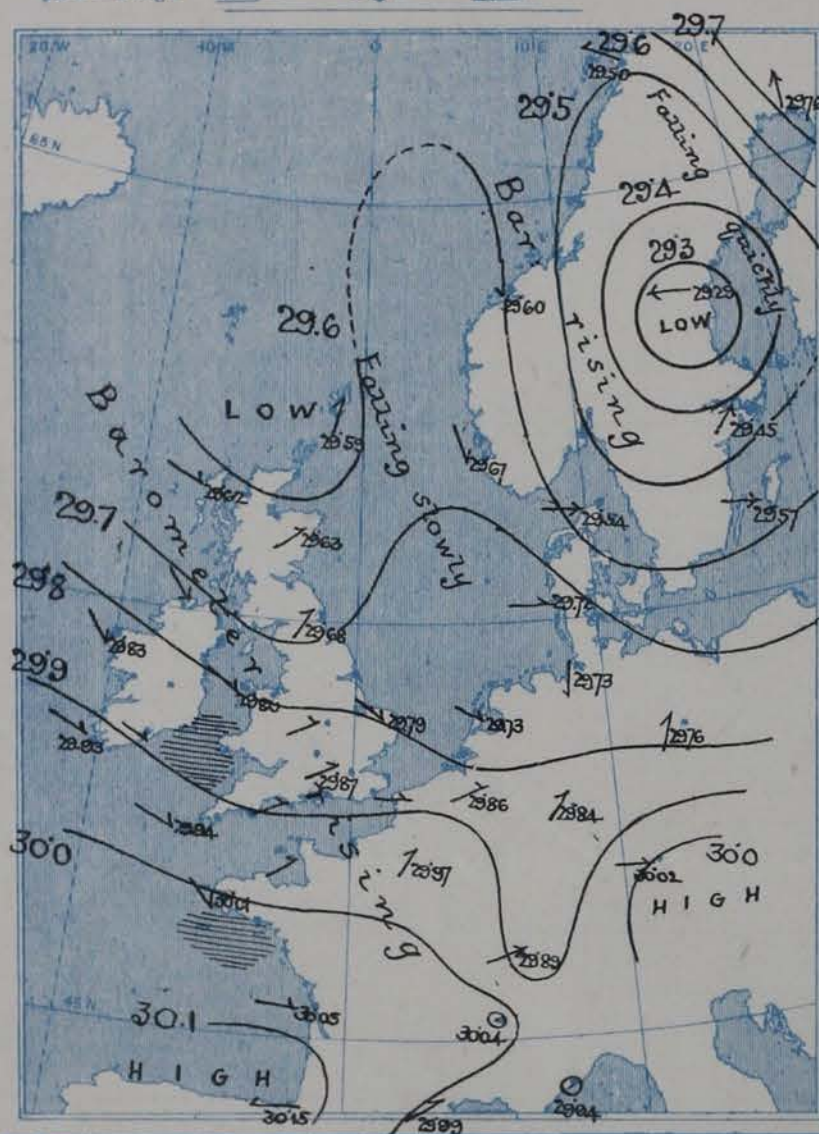
I. BAROMETER, WIND AND SEA. This Morning.

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 

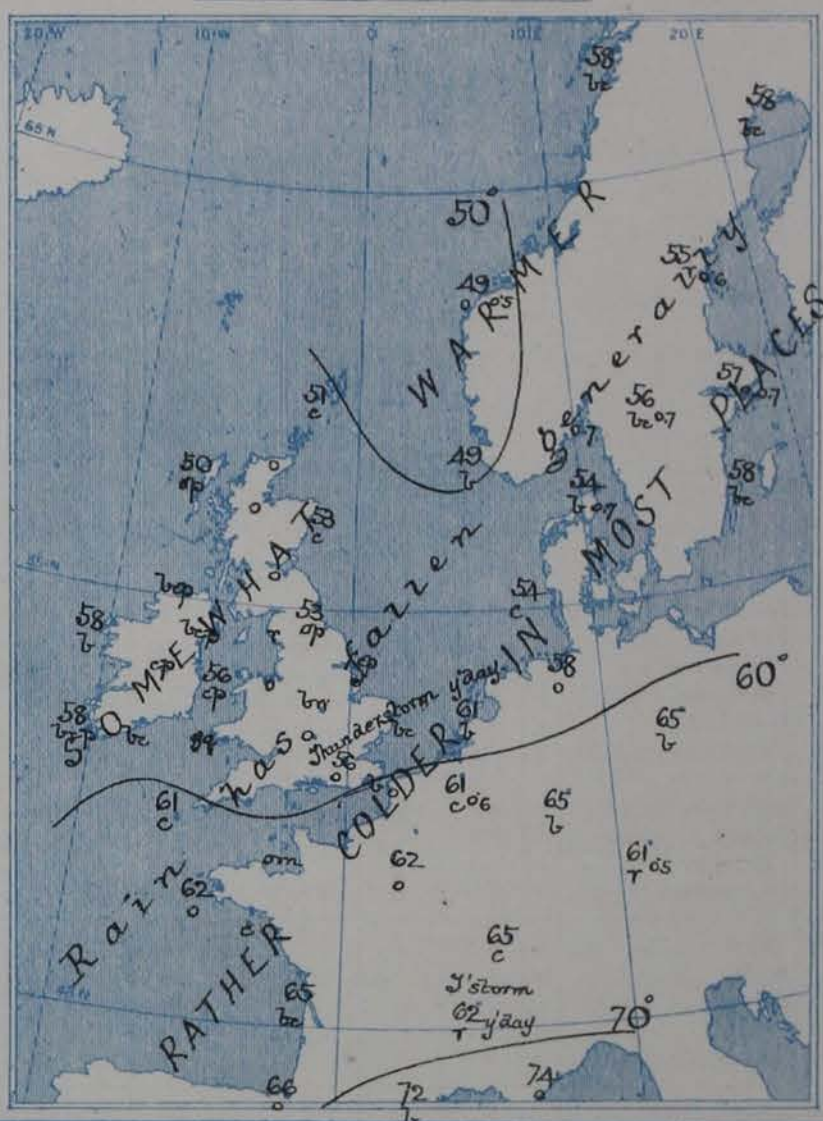


II. TEMPERATURE AND WEATHER. This Morning.

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.



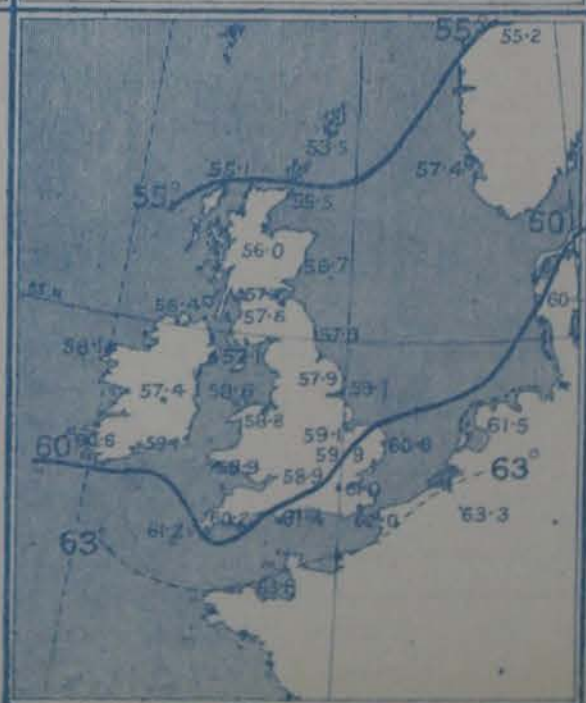
IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES

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



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

This morning the barometer is highest in two regions - viz. the South of Germany and the Bay of Biscay, while depressions varying both in size and intensity continue to pass over the United Kingdom and northern Europe. Readings range from 30.15 ins. at Biscay to 29.29 ins. at Helsingland and 29.59 ins. at Wick.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is mainly Westerly (S.W. to N.W.) over France and England, in Ireland it is Northwesterly, but moderate generally. Over Scandinavia the cyclonic circulation is more complete, the wind being Southerly at Stockholm, Southeasterly and Easterly further to the northward, Northerly in Norway, W. in the south of Sweden, and is strong to a gale in force. Temperature has gone down over England, risen a little in Ireland and Scotland and ranges from 61° at Scilly to 50° at Storöway. All the values are below the average. Weather is very changeable; at the present it is clear in some places, cloudy or showery at others. Sea is moderate in the extreme southwest, slight or smooth elsewhere.

During the past 24 hours small quantities of rain have fallen in many parts of our Islands and largest amounts on the Continent. Thunderstorms have occurred at Lyons and over the southeast of England. Temperature rose to 71° at Oxford, 72° in London, but did not exceed 55° in several parts of Scotland. There were more than 10 hours of bright sunshine at Bournemouth and Scilly, less elsewhere, - only 2 hours at Harrogate.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is at present no indication of finer weather. Should the bright intervals between the showers pass over in the daytime, they will be accompanied by a temporary rise of temperature, but if at night, by cold.

FORECASTS *

For the 24 hours ending at NOON on **AUGUST 21ST** 1902

DISTRICTS.

FORECASTS.

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

Wind varying between N.W. and S.W., moderate; showers, separated by bright intervals, some thunder locally. Not warm.

DISTRICTS.



FORECASTS.

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

Wind varying between N.W. and S.W., moderate; showers, separated by bright intervals, some thunder locally. Not warm.

WARNINGS

NONE ISSUED

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	c	*	bc, c	71	48	7.8	0.26
Newton Reigny (Penrith)	29.66	55	WSW 2	bc	29.69	+ .13	49	49	- 6	SW 1	r	*	bc, c, r	61	44	3.7	0.09
Bath	29.75	65	W 3	bc	29.88	+ .18	57	55	- 6	SW 1	o	*	-	70	45	6.0	0.07

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	65	54	o c	2.0	0.13	Worthing	*	*	*	3.9	*
Birmingham, 9 p.m. ...	62	54	bc	2.6	0.02	Llandudno	*	*	*	6.3	*
Lowestoft, up to 6 p.m. ...	74	59	o r	6.8	0.26	Rhyl up to 6 p.m. ...	*	*	*	5.0	*
Hastings up to 6 p.m. ...	*	*	*	2.4	*	Southport, 9 p.m. ...	62	53	roc	6.2	0.11
Eastbourne up to 6 p.m. ...	*	*	*	4.0	*	Manchester, 9 p.m. ...	66	52	bc	2.1	0.09
Brighton	*	*	*	4.3	*	Darwen, 9 p.m. ...	60	46	crw	3.2	0.19

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.				at 1 p.m.	°		
19 VIII. 02				Ins.	18 VIII. 02			1 p.m.	Ins.
Marseilles	86	59	b b	—	Geneva	79		bc	0.32
Utrecht	72	63	r o	0.59	Berne	72		o	0.28
Copenhagen	61	54	o o	0.04	Lucerne	75		b	0.20
Prague	75	59	c o	—	Lausanne	?		?	0.39
Vienna	77	57	c o	—	Lugano	82		b	—
Buda-Pesth				—	Locarno	?		?	0.08
St. Petersburg	64	46	c c	—					
Rome	82	68	b b	—					
Malta	82	73	? c	—					
Madeira (Funchal)	77	64	c 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.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

20. VIII. 1902.	Sunrise C.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.45	11.56	7.8
Greenwich	4.55	12.3	7.12
Wick	4.47	12.15	7.45
Valencia	5.34	12.44	7.56

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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 21st August, 1902.

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.	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.	Max.			Min.
SCANDINAVIA.		Haparanda ...	29.51	53	S	6	r	29.50	-26	52	52	-6	SW	6	r	*	-	63	52	*	0.39
		Hernösand ...	29.32	50	W	2	o	29.52	+23	51	45	-4	W	6	b	*	-	61	50	*	-
		Stockholm ...	29.57	59	SW	2	b	29.61	+16	53	51	-4	W	2	o	*	-	64	53	*	-
		Wisby ...	29.65	57	WNW	2	b	29.66	+09	52	48	-6	WNW	6	b	*	-	63	52	*	-
		Karlstad ...	29.58	55	WNW	2	o	29.71	+31	50	47	-6	WNW	2	b	*	0,r	*	*	*	0.08
		Færder (X'ania Fjord) ...	29.56	59	WSW	1	c	29.72	+28	55	51	0	Z	0	b	2	-	61	52	*	-
		Bodö ...	29.38	57	NE	2	r	29.31	-19	53	51	-5	WSW	2	c	2	-	59	50	*	-
		Christiansund ...	29.68	48	NNW	2	c	29.74	+14	48	44	-1	NW	3	r	3	-	52	45	*	0.08
		Skudesnaes ...	29.73	49	NNW	4	b	29.82	+15	51	49	+2	N	2	b	1	0,b	52	43	*	*
		Sumburgh Head ...	29.64	51	SSW	1	o	29.92	+33	48	44	-3	N	3	b	4	c,o	56	44	*	0.05
		Stornoway ...	29.86	50	NNE	5	o	30.03	+41	49	47	-1	W	2	cw	2	p,d,o	56	39	?	0.06
		Malin Head ...	29.92	54	NW	5	cp	30.04	+32	55	51	+1	Z	0	b	1	c,cp	56	50	*	0.02
		Blacksod Pt. ...	29.97	59	WNW	3	b	30.02	+19	59	55	+1	SSW	4	b	3	b,b	61	54	*	-
		Valencia ...	30.04	60	W	2	o	30.09	+16	60	59	+2	SSE	1	o	3	o	62	53	3.7	0.03
		Roche's Point ...	30.00	63	NNW	3	c	30.11	+22	58	56	0	S	1	o	1	b,c	66	50	*	-
		Parsonstown ...	29.96	62	W	3	c	30.09	+24	56	53	0	NW	1	c	*	c	66	51	8.3	-
		Donaghadee ...	29.90	60	N	3	c	30.06	+34	53	50	-2	NW	1	o	1	-	61	49	*	-
		Liverpool Obsy. ...	29.90	58	W	4	o	30.08	+29	55	53	0	NW	2	o	3	p,o	61	52	*	0.02
		Holyhead ...	29.92	60	WNW	2	b	30.08	+28	57	53	+1	N	1	c	1	b,c	64	52	*	-
		Pembroke (St. Ann's) ...	29.95	59	W	5	b	30.08	+22	60	56	+2	SE	1	b,cw	3	-	61	55	9.4	-
		Scilly (St. Mary's) ...	30.05	62	W	3	c	30.11	+17	60	58	-1	WNW	1	c	3	cp,c	65	57	10.8	-
		Jersey (St. Aubine) ...	30.09	63	WNW	5	b	30.15	+19	61	59	-1	W	4	b	3	b,w,p	66	58	9.3	0.03
		Portland Bill ...	30.01	60	W	3	cp	30.11	+21	60	58	+1	WNW	3	c	3	b,cp	64	56	*	0.13
		Dungeness ...	29.93	65	WNW	5	b	30.08	+21	57	55	-4	W	1	o	1	b,o,b	67	49	*	-
		Wick ...	29.75	50	N	4	o	29.98	+39	49	46	-3	N	3	b	2	-	59	37	*	0.03
		Nairn ...	29.80	54	W	3	c	30.02	+42	49	46	-3	SW	2	c	0	-	63	40	*	0.01
		Aberdeen ...	29.74	54	W	1	cp	30.01	+38	46	44	-7	NW	3	cp	2	cp,cp	62	43	4.1	0.18
		Leith ...	29.73	59	W	3	c	30.02	+38	53	46	-1	WNW	1	b	*	*	66	48	*	0.01
		North Shields ...	29.74	59	NNW	2	b	30.02	+34	50	48	-3	NW	1	o	3	p,b,b	63	46	*	0.22
		Spurn Head ...	29.81	62	WSW	5	b	30.03	+25	54	52	+1	NW	3	c	2	b,p,b	64	49	*	0.10
		Yarmouth ...	29.83	60	W	3	b	30.03	+24	55	51	-2	NW	3	b	3	b,b,b	66	48	*	0.03
		Loughborough ...	29.89	62	WNW	4	b	30.09	+27	53	50	-2	WNW	2	c,w	*	cp,b,b	66	46	*	0.04
		Oxford ...	29.97	57	W	3	b	30.10	+24	57	53	+3	NNW	1	b	*	*	65	52	*	-
		London (Brixton) ...	29.90	65	W	3	b	30.08	+21	57	53	+1	NW	1	c	*	cp,b,cw	68	50	6.5	-
		The Scaw (Skagen) ...	29.60	52	W	5	b	29.73	+19	55	54	+1	NE	2	b	0	-	57	50	*	-
		Fanö ...	29.76	52	W	1	b	29.84	+12	52	48	-2	W	3	b	*	-	59	48	*	0.08
		Cuxhaven ...	29.79	58	W	4	b	29.86	+13	56	53	-2	WNW	4	b	*	b,b,b	63	54	*	0.12
		The Helder ...	29.81	59	WSW	1	b	29.95	+22	59	54	-2	WNW	4	b	4	b	63	57	*	-
		Brussels ...	*	*	*	*	*	30.12	+26	59	55	-2	WNW	2	c	*	-	69	52	*	-
		Berlin ...	29.81	62	W	2	b	29.92	+16	56	53	-9	SW	1	c	*	b	73	50	*	0.12
		Frankfurt ...	29.98	59	W	2	b	30.03	+19	59	55	-6	W	2	b	*	-	73	55	*	0.12
		Munich ...	30.10	58	W	5	b	30.13	+11	60	57	-1	SW	5	c	*	-	66	55	*	0.47
		C. Gris Nez ...	29.97	60	WSW	6	b	30.07	+17	59	56	0	NW	4	c	4	-	64	55	*	-
		Brest ...	30.14	64	NW	1	c	30.19	+18	61	59	-1	WNW	1	c	1	-	66	57	*	-
		Lorient ...	30.13	63	NW	4	b	30.17	+17	61	59	0	NW	3	b	3	-	72	59	*	0.24
		Rochefort ...	30.12	68	WNW	4	b	30.18	+13	64	61	-1	NW	2	o	*	b	73	61	*	-
		Biarritz ...	30.21	70	W	1	b	30.22	+07	66	65	0	E	1	c	1	-	75	61	*	-
		Paris ...	30.02	68	W	2	b	30.15	+18	55	53	-7	SSW	2	c	*	-	73	50	*	0.04
		Belfort ...	30.01	63	WSW	2	c	30.08	+19	59	58	-6	WSW	3	o	*	-	76	57	*	0.16
		Lyons ...	30.09	70	NE	1	b	30.17	+13	60	56	-2	NW	1	b	*	-	76	59	*	0.08
		Nice ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		Perpignan ...	30.06	77	NW	3	o	30.12	+13	71	64	-1	NW	2	b	*	-	87	63	*	-
		Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		Lisbon ...	30.07	70	NNW	5	b	30.07	0	72	65	0	NNE	2	b	*	-	82	64	*	-
		Azores (P. Delgada) ...	30.30	65	N	3	b	30.26	+1	67	62	-5	N	2	b	*	-	73	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 *Thursday, 21st August, 1902*

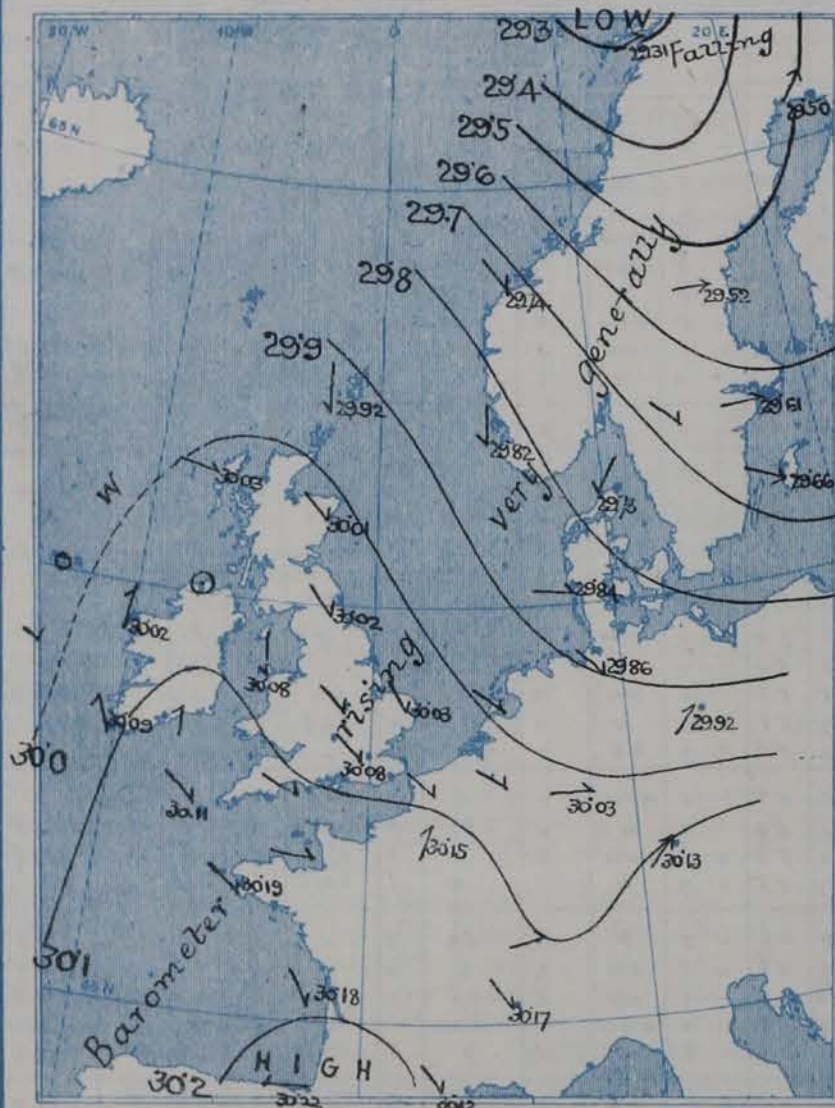
I. BAROMETER, WIND AND SEA. *This Morning.*

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 

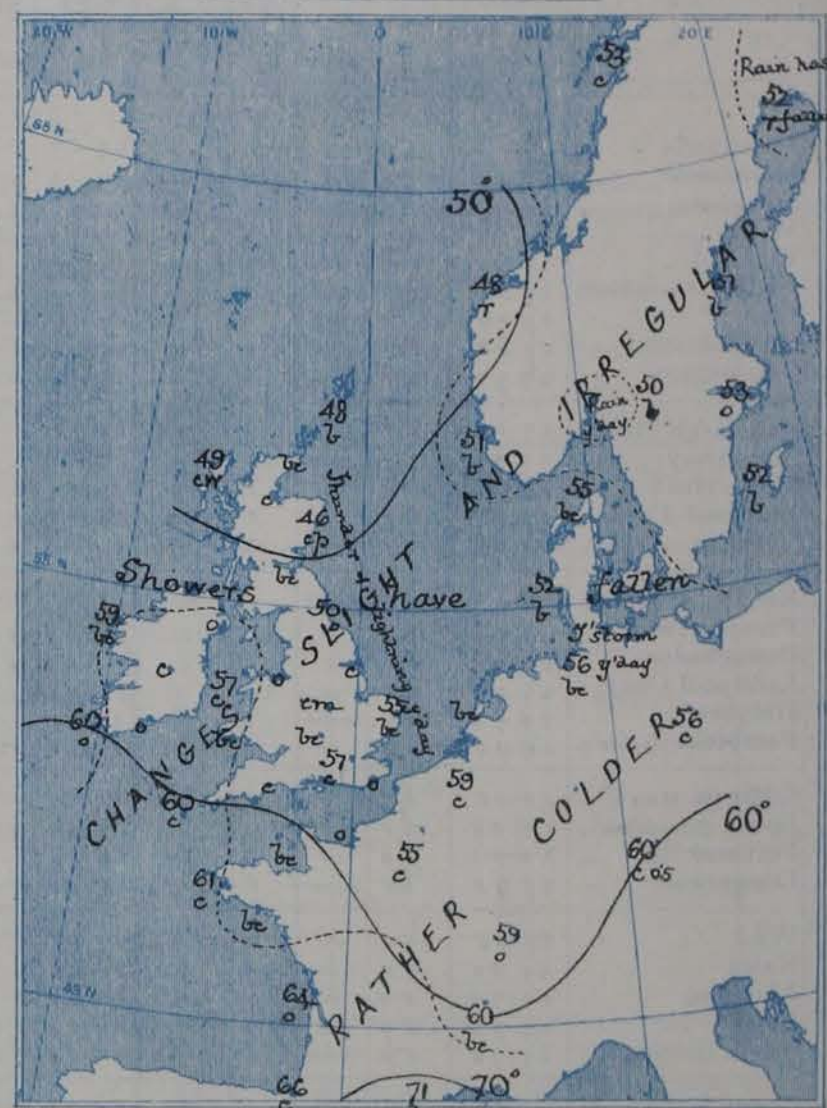


II. TEMPERATURE AND WEATHER. *This Morning.*

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



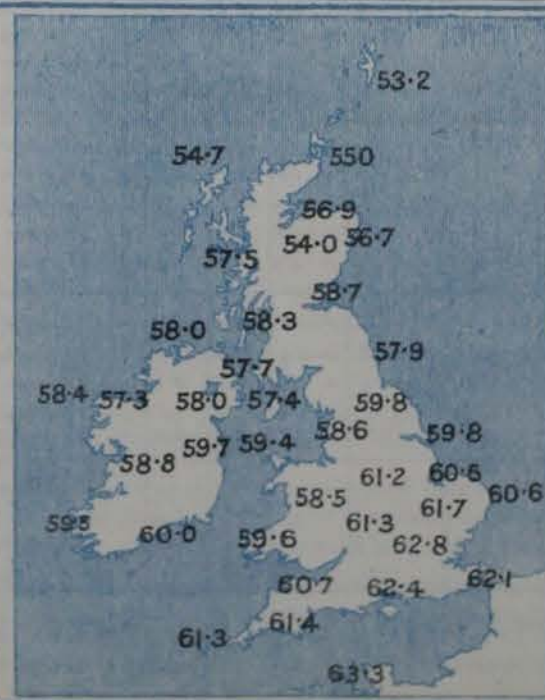
III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES

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



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The two depressions noticed yesterday over the northern parts of our area have moved away in a northeasterly direction and this morning the highest pressures are reported over the Bay of Biscay and west of France, whence a "ridge" extends northwards over the whole of the United Kingdom. Readings range from 30.22 in: at Biarritz and 30.02 in: at Nairn to 29.31 in: at Bodo.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is strong from West and Southwest over the Gulf of Bothnia but over the North Sea and the greater part of our Islands it is light from Northwest, while in France and Germany it is light from West and Southwest. In the extreme west of Ireland it has backed again to the Southwest, but is very light. Temperature has fallen over Central Europe, but has scarcely changed in our Islands. It ranges from 60° at several of our southwestern coast stations to 46° at Aberdeen. The northern values are still a good deal below the average. The weather is fair, but cloudy in many places. Sea is very little disturbed anywhere.

During the past 24 hours there has been a little more rain at several of the stations in Great Britain, and on the Continent and thunder has occurred in the east of Great Britain and at Cuxhaven. A lunar halo was seen at Jersey last night. Temperature did not exceed 68° at any of our stations - in the extreme north and northwest the maximum was only 56°. The night was cold over England. Bright sunshine was greater than on the previous day, especially in the south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclonic ridge will probably move eastwards and be followed by southwesterly and southerly breezes very generally. Today is likely to be fine and cool, except at our most western stations.

FORECASTS *

For the 24 hours ending at NOON on AUGUST 22ND 1902

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

Northerly airs backing to Southwest and South; cool at first and fair, warmer later.

Northwesterly airs and calms, fair, cool, hazy; then Southwesterly and warmer, fair.

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

Wind gradually backing to Southwest or South; warmer, fine to 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	*	*	*	*	*	*	*	*	*	*	3	*	2c, c	68	48	8.6	0.03
Newton Reigny (Penrith)	29.84	53	SW 1	c	30.01	+ 32	50	47	+ 1	W 1	0	*	07, 3	62	43	8.0	0.07
Bath	29.96	63	W 4	3	30.09	+ 21	58	57	+ 1	W 1	0	*	-	66	53	8.8	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	62	45	c, o, 3	7.8	0.09	Worthing	*	*	*	10.7	*
Birmingham, 9 p.m. ...	63	47	c	8.9	0.07	Llandudno	*	*	*	10.0	*
Lowestoft, up to 6 p.m. ...	68	45	c	10.8	0.14	Rhyl up to 6 p.m. ...	*	*	*	9.8	*
Hastings	*	*	*	11.4	*	Southport, 9 p.m. ...	62	53	c, o, 3c	7.4	0.14
Eastbourne up to 6 p.m. ...	*	*	*	11.2	*	Manchester, 9 p.m. ...	66	47	3c	6.4	0.04
Brighton	*	*	*	11.2	*	Darwen, 9 p.m. ...	59	46	o, v, w	5.2	0.33

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

STATIONS. 20. VIII. 02	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 19. VIII. 02	TEMPERATURE, F. at 1 p.m. °	WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.) Ins.
	Max.	Min.						
Marseilles	90	63	0 bc	—	Geneva	79	bc	0.32
Utrecht	70	59	0 0	0.47	Berne	72	0	0.28
Copenhagen	64	54	0 0	0.35	Lucerne	75	b	0.20
Prague	82	63	0 0	—	Lausanne	?	e	0.39
Vienna	79	64	0 0	—	Lugano	82	b	—
Buda-Pesth ... <i>not recd.</i>	79	64	0 0	—	Locarno	?	?	0.08
St. Petersburg	64	48	0 0	—				
Rome	90	65	6 6	—				
Malta	86	79	? 0	—				
Madeira (Funchal) <i>not recd.</i>								

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.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

21. VIII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.46	11.56	7.6
Greenwich	4.56	12.3	7.10
Wick	4.49	12.15	7.42
Valencia	5.36	12.44	7.53

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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

FRIDAY 22nd AUGUST

1902

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.	Dirsc.	Force (0 to 12.)		At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirsc.	Force (0 to 12.)	Weather.			Max.	Min.			
																					Ins.
SCANDINAVIA.	Haparanda ...	29.52	48	SSW	2	bc	29.47	-0.3	49	48	-3	N	2	0	*	-	55	48	*	-	
	Hernösand ...	29.63	49	W	2	o	29.69	+1.7	50	44	-1	W	6	0	*	-	55	41	*	-	
	Stockholm ...	29.76	54	W	4	bc	29.92	+3.1	51	47	-2	W	2	6	*	-	61	48	*	-	
	Wisby ...	29.83	55	NW	2	b	?	?	54	51	+2	?	2	6	*	-	59	48	*	-	
	Karlstad... ..	29.84	49	W	2	c	30.00	+2.9	49	46	-1	W	2	6	*	-	59	48	*	-	
	Færder (X'ianta Fjord)	29.80	56	SE	1	b	30.02	+3.0	52	47	-3	N	2	6	2	c, r	59	50	*	0.16	
	Bodö ...	29.46	49	SW	4	+	29.67	+3.6	47	46	-6	WNW	6	+	3	-	53	46	*	0.55	
BRITISH ISLANDS.	Christiansund ...	29.92	46	NNW	3	+	30.06	+3.2	47	46	-1	NNW	3	+	3	-	48	45	*	0.28	
	Skudesnaes ...	30.00	48	NNW	4	b	30.17	+3.5	49	46	-8	NNW	2	6	1	c, b	51	43	*	*	
	Sumburgh Head ...	30.04	47	WNW	1	c	30.00	+0.8	51	48	+3	S	4	c	4	bc, c	51	40	*	-	
	Stornoway ...	30.02	52	S	3	o	29.85	-1.8	55	55	+6	SSW	4	dm	4	o	57	43	3.4	0.01	
	Malin Head ...	29.98	59	S	3	o	29.86	-1.8	62	61	+7	S	5	o	3	o	63	52	*	0.02	
	Blacksod Pt. ...	29.96	60	SSW	5	rm	29.83	-1.9	61	60	+2	SSW	6	rm	6	c, rm	62	58	*	0.21	
	Valencia... ..	30.08	62	S	3	og	29.96	-1.3	61	60	+1	S	5	rm	5	og	66	59	1.4	0.11	
	Roche's Point ...	30.13	62	SW	3	o	30.06	-0.6	61	60	+3	SSW	2	o	4	o	65	57	*	-	
	Parsonstown ...	30.06	65	Z	0	o	29.98	-1.1	63	60	+7	S	5	cq	*	o	68	55	4.0	0.01	
	Donaghadee ...	30.11	56	SE	2	bc	29.98	-0.8	58	58	+5	SW	4	c	2	bc, p	61	49	*	0.10	
	Liverpool Obsy. ...	30.15	57	NW	1	bc	30.13	+0.5	57	55	+2	S	2	o	2	bc	60	52	*	-	
	Holyhead ...	30.13	59	SSW	2	c	30.07	-0.1	60	59	+3	SW	5	om	3	c	62	53	*	-	
	Pembroke (St. Ann's)	30.14	59	SW	2	bc	30.13	+0.5	60	58	0	SSW	5	c	4	-	62	57	7.1	-	
	Scilly (St. Mary's)...	30.19	64	SW	1	bc	30.16	+0.5	62	59	+2	SSW	4	bc	2	bc	67	58	10.5	-	
	Jersey (St. Aubins)...	30.22	64	WNW	3	b	30.26	+1.1	65	60	+4	WNW	1	bm	1	c, b, w	66	53	9.6	-	
	Portland Bill ...	30.18	62	WSW	2	bc	30.23	+1.2	61	59	+1	S	2	bc	2	bc	65	56	*	-	
	Dungeness ...	30.14	62	W	3	o	30.21	+1.3	61	60	+4	S	2	bc	1	c, o	66	56	*	-	
	Wick ...	30.05	53	N	1	bc	29.92	-0.6	53	50	+4	S	4	c	2	-	55	47	*	-	
	Nairn ...	30.02	55	Z	0	bc	29.90	-1.2	56	54	+7	ESE	2	o	1	-	58	46	*	0.05	
	Aberdeen ...	30.10	49	SE	2	c	30.01	-0.9	52	51	+6	S	2	op	1	bc, c	56	46	3.6	0.04	
	Leith ...	30.06	56	NNW	1	bc	29.98	-0.4	58	56	+5	WSW	1	om	*	-	60	52	*	0.06	
	North Shields ...	30.10	53	ESE	2	o	30.08	+0.6	53	50	+3	SSW	3	o	2	c, o, p	56	47	*	-	
	Spurn Head ...	30.14	54	ESE	3	bc	30.15	+1.2	57	55	+3	S	3	c	2	-	59	50	*	-	
	Yarmouth ...	30.14	59	NNE	3	bc	30.21	+1.8	58	52	+3	WSW	2	bm	2	bc	60	49	*	-	
	Loughborough ...	30.15	64	WNW	1	c	30.20	+1.1	55	54	+2	SSE	1	cmw	*	c, bc, bm	64	41	*	-	
	Oxford ...	30.18	60	NE	1	o	30.23	+1.3	58	55	+1	Z	0	m	*	o, b	67	48	*	-	
	London (Brixton)	30.14	64	NW	1	c	30.21	+1.3	60	55	+3	WSW	1	b	*	bc, b, mw	69	47	5.1	-	
	The Scaw (Skagen)	29.84	54	W	4	b	29.98	+2.5	55	52	0	NNE	2	b	0	-	61	52	*	-	
GERMANY, &c.	Fanö ...	30.02	55	WNW	6	b	30.15	+3.1	54	48	+2	NW	6	bc	*	-	59	50	*	-	
	Cuxhaven ...	30.04	58	NW	2	o	30.19	+3.3	55	51	-1	NW	3	c	*	-	59	54	*	-	
	The Helder ...	30.13	57	NNW	3	bc	30.21	+2.6	60	54	+1	W	1	bc	1	-	61	54	*	-	
	Brussels... ..	*	*	*	*	*	30.28	+1.6	59	54	0	SE	1	c	*	-	67	50	*	-	
	Berlin ...	30.05	57	W	3	bc	30.20	+2.8	55	52	-1	NNW	2	b	*	-	66	50	*	0.04	
	Frankfurt ...	30.19	59	NNW	2	c	30.28	+2.5	54	51	-5	Z	0	c	*	-	70	52	*	-	
	Munich ...	30.24	58	SW	2	c	30.29	+1.6	57	54	-3	SE	2	bc	*	-	66	50	*	0.08	
FRANCE.	C. Gris Nez ...	30.19	62	WSW	2	o	30.23	+1.6	59	57	0	S	1	b	2	-	68	55	*	-	
	Brest ...	30.25	66	NW	1	b	30.26	+0.7	59	59	-2	E	1	c	1	-	68	57	*	-	
	Lorient ...	30.19	67	NW	3	bc	30.26	+0.9	59	58	-2	ENE	1	b	2	-	75	55	*	-	
	Rochefort ...	30.20	66	NW	4	c	30.21	+0.3	62	59	-2	E	3	b	*	bc, c	75	55	*	-	
	Biarritz ...	30.25	69	NNE	4	bc	30.25	+0.3	62	60	-4	Z	0	b	0	-	76	57	*	-	
	Paris ...	30.19	66	WNW	2	c	?	?	58	55	+3	WSW	1	bc	*	-	71	51	*	-	
	Belfort ...	30.30	62	W	4	bc	30.23	+1.5	54	51	-5	Z	0	m	*	-	69	47	*	-	
SPAN. PEN.	Lyons ...	30.17	68	NE	1	bc	30.25	+0.8	59	51	-1	NNW	1	b	*	-	76	54	*	-	
	Nice ...	29.95	75	NW	1	b	29.99	+2.1	76	60	+6	E	1	b	1	-	82	61	*	-	
	Perpignan ...	30.11	77	W	2	c	30.16	+0.4	71	61	0	W	2	b	*	-	85	62	*	-	
	Corunna ...																				
	Lisbon ...																				
	Azores (P. Delgada)																				

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, 22nd August, 1902*

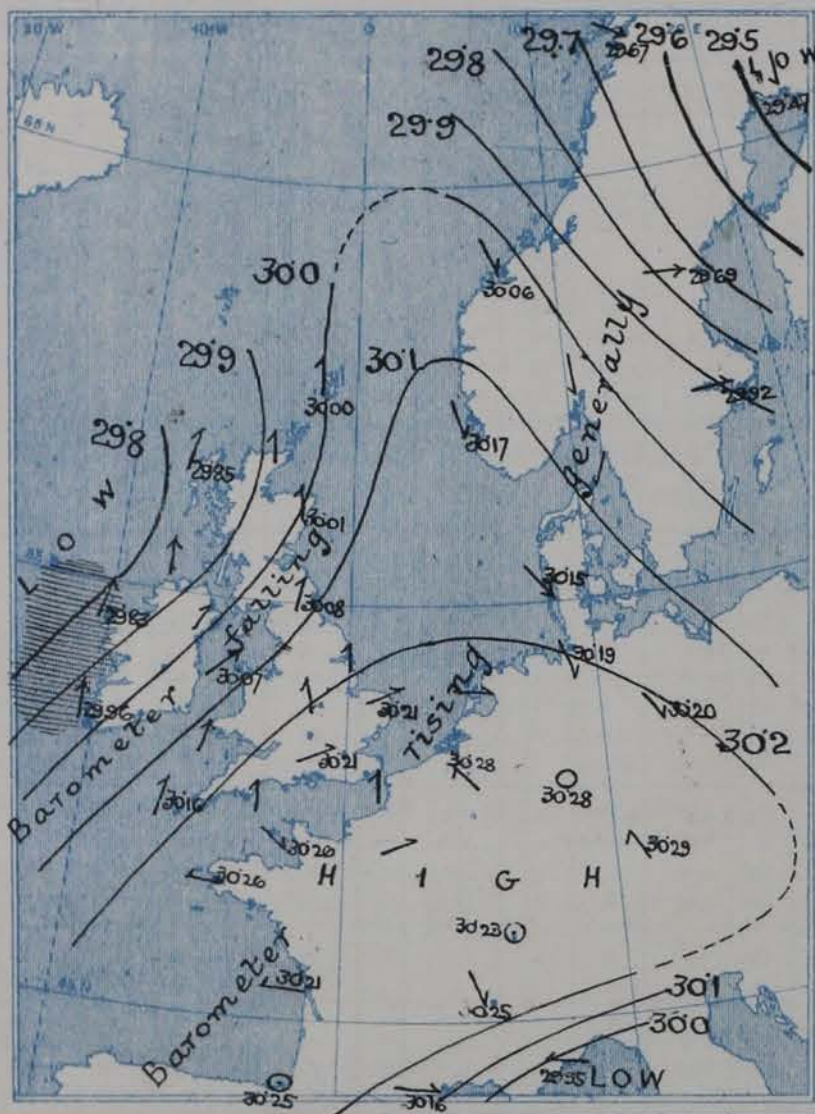
I. BAROMETER, WIND AND SEA. *This Morning.*

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 ■

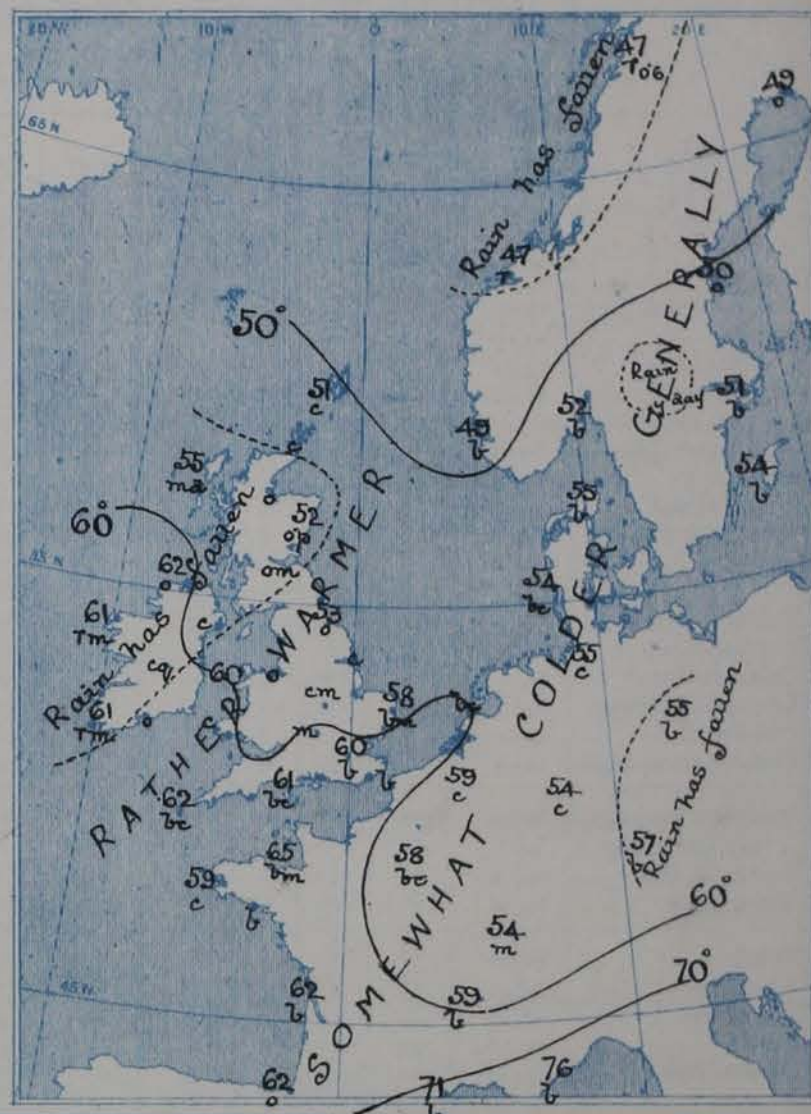


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 2)

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)

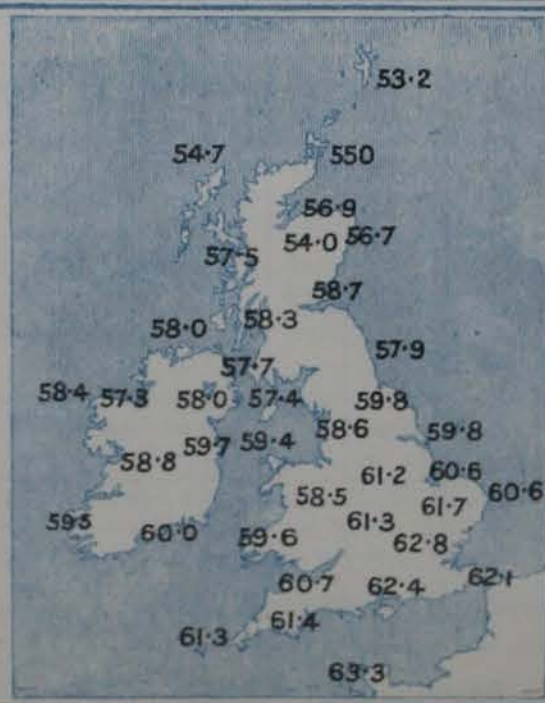


III. BAROMETER AND WIND

Yesterday morning.



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



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday the barometer has continued to rise over all the eastern and southern parts of our area, but has begun to fall in the west, and the fall is spreading eastwards. The actual readings vary from 30.2 ins. or more over France, the west of Germany, and the south east of England, to 29.83 ins. at Blacksod Point, 29.85 ins. at Stornoway, and 29.47 ins. at Haparanda.

WIND

The wind remains North Westerly over the North Sea, and is Westerly (strong) over Lapland and Sweden, but is South Westerly, light over England, and Southerly, strong to fresh, over Ireland. Over France and the Channel anticyclonic airs are reported.

TEMPERATURE

Temperature has risen generally over the British Islands, where the values range from 63° at Parsonstown, 62° at Malin Head and Scilly, and 60° in London, to 51° at Sumburgh Head; the values are rather high in Ireland, but are about the average over Great Britain. On the continent the values are below 60° and are low, except 71° at Perpignan and 76° at Nice.

WEATHER

The weather is rainy again in the western parts of Ireland and Scotland, fine over England, showery at Aberdeen; on the continent it is fine.

AND

SEA

During the past day the highest temperatures reported in our Islands were 69° in London, 68° at Parsonstown; the night was cold over Great Britain. There has been a further fall of rain over Scandinavia, Scotland, Ireland, and at Berlin and Munich. Bright sunshine amounted to about 10 hours at Scilly and Jersey, but was less elsewhere — only 1.4 hour at Valencia.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fall of the barometer, and the rain, in the west are likely to spread to England during the coming day, but nothing of a threatening character is yet indicated.

FORECASTS *

For the 24 hours ending at NOON on 23rd August 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	} <i>S^{ly} and SW^{ly} winds, freshening; fine to day, showery to night.</i>
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	} <i>SW^{ly} and S^{ly} winds, increasing; fine and warm to day, rain to night.</i>
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	} <i>S^{ly} and SW^{ly} winds, fresh; showery.</i>
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

WARNINGS

NONE ISSUED.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.									PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	b, w	65	53	11.2	-
Newton Reigny (Penrith)	30.09	52	W 1	b	30.05	+0.4	54	52	+4	SE 2	m	*	o. c, b, m	62	43	6.0	-
Bath	30.17	64	W 2	c	30.22	+1.3	55	54	-3	W 1	b	*	-	72	45	7.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Rainfall.		STATIONS.	TEMPERATURE.		Weather.	Sunshine. Rainfall.	
	Max.	Min.		Hrs.	Ins.		Max.	Min.		Hrs.	Ins.
Harrogate, up to 6 p.m. ...	62	44	c, b, c	5.6	—	Worthing	*	*	*	5.8	*
Birmingham, 9 p.m. ...	62	49	c	6.1	—	Llandudno	*	*	*	5.8	*
Lowestoft, up to 6 p.m. ...	61	45	c	9.8	—	Rhyl up to 6 p.m. ...	*	*	*	5.8	*
Hastings	*	*	*	4.6	*	Southport, 9 p.m. ...	61	51	v, c	8.1	—
Eastbourne up to 6 p.m. ...	*	*	*	5.5	*	Manchester, 9 p.m. ...	67	43	b	4.8	—
Brighton	*	*	*	7.3	*	Darwen, 9 p.m. ...	59	44	c, v, w	4.4	—

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

[illegible]

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	22. VIII., 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	4. 48	11. 56	7. 4
Germany, Denmark, Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4. 58	12. 3	7. 8
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	4. 51	12. 15	7. 40
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	5. 38	12. 44	7. 57
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly	£1 10 0	" Single Copies, 6d.
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Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

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

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

SATURDAY 23RD AUGUST.

1902

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.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.			
SCANDINAVIA.	Haparanda ...	29.43	53	NW	6	r	29.74	+27	52	47	+3	E	8	bc	*	-	59	45	*	0.59		
	Hernösand ...	29.91	49	W	2	b	30.00	+31	49	44	-1	NW	4	b	*	-	54	49	*	-		
	Stockholm ...	30.01	53	W	2	b	30.13	+21	50	46	-1	WNW	2	b	*	-	59	46	*	-		
	Wisby ...	30.09	53	W	2	b	30.16	?	54	50	0	NNW	2	b	*	-	57	46	*	-		
	Karlstad ...	30.09	53	Z	0	b	30.19	+19	50	48	+1	W	2	b	*	-	*	*	*	-		
	Färder (X'ania Fjord) ...	30.10	55	WSW	2	b	30.11	+09	55	51	+3	SW	5	b	3	-	59	52	*	-		
	Bodö ...	29.99	45	NW	6	o	30.05	+38	46	43	-1	WSW	2	o	1	-	47	43	*	2.76		
	Christiansund ...	30.14	50	SE	2	b	29.93	-13	50	44	+3	SE	4	b	3	-	50	45	*	0.16		
Skudesnaes ...	30.14	50	SW	2	b	29.99	-18	54	52	+5	SE	6	o	4	b	54	48	*	*			
BRITISH ISLANDS.	Sumburgh Head ...	29.85	52	SE	5	f	29.60	-40	54	54	+3	WSW	3	o	5	o.f	54	50	*	0.39		
	Stornoway ...	29.65	58	SSW	5	r	29.60	-25	56	55	+1	SW	4	o	4	d.t.m.t	59	53	0.0	0.33		
	Malin Head ...	29.67	61	SSW	7	r	29.74	-09	60	59	-1	SW	5	bcw	5	t.q.m.t	61	55	*	0.44		
	Blacksod Pt. ...	29.82	62	S	4	tm	29.86	-10	61	59	0	SW	3	bc	5	t.t.m	62	58	0.0	0.71		
	Roche's Point ...	29.94	60	S	3	mp	29.89	-17	59	58	-2	WSW	2	c	3	o.m.p	62	57	*	0.63		
	Parsonstown ...	29.85	60	SE	4	ot	29.83	-15	59	57	-4	SSW	2	c	*	o.ot	66	56	1.1	0.16		
	Donaghadee ...	29.89	59	SW	1	r	29.78	-20	59	57	+1	W	1	o	1	-	65	56	*	0.23		
	Liverpool Obsy. ...	30.04	63	SW	2	r	29.85	-28	59	58	+2	S	2	o	2	bc,r	69	57	*	0.56		
	Holyhead ...	30.01	59	SSW	6	p	29.84	-23	58	58	-2	SW	4	f	3	cm,p	62	57	*	0.40		
	Pembroke (St. Ann's) ...	30.03	61	SSW	6	o	29.88	-25	60	59	0	SSW	6	t	6	o.t.f	62	58	2.9	0.47		
GERMANY, &c.	Scilly (St. Mary's) ...	30.10	63	S	5	o	29.95	-21	63	62	+1	SSW	5	m	4	c.o	66	59	6.3	0.15		
	Jersey (St. Aubins) ...	30.19	66	SSE	2	b	30.09	-17	63	59	-2	SW	3	om	3	d.w	68	57	13.0	-		
	Portland Bill ...	30.18	60	S	2	b	30.04	-19	60	58	-1	SSW	3	o	2	bc,b	63	58	*	-		
	Dungeness ...	30.19	62	WSW	3	b	30.09	-12	61	61	0	SW	3	t	2	bc,b	67	58	*	-		
	Wick ...	29.93	55	S	4	o	29.65	-27	58	56	+5	SW	1	bc	2	o,r	61	50	*	0.35		
	Nairn ...	29.74	63	WSW	3	o	29.65	-25	61	56	+5	W	1	bc	1	-	71	54	*	0.01		
	Aberdeen ...	29.85	58	SSE	2	c	29.69	-32	60	58	+8	S	1	c	2	cg,c,r	60	52	0.3	0.06		
	Leith ...	29.89	62	W	1	o	29.72	-26	62	59	+4	SW	2	om	*	-	69	56	*	0.02		
	North Shields ...	29.98	65	SSW	3	c	29.77	-31	59	57	+6	SSW	3	op	2	p.c,r	68	52	*	0.33		
	Spurn Head ...	30.09	64	S	3	bc	29.92	-23	57	56	0	S	4	ot	3	-	73	56	*	0.14		
FRANCE.	Yarmouth ...	30.15	63	S	4	bc	30.04	-17	61	57	+3	SW	3	c	3	d.be	64	56	*	0.01		
	Loughborough ...	30.10	68	SSW	3	bc	29.95	-25	58	56	+3	SSW	4	o	*	c,be,ot	71	55	*	0.10		
	Oxford ...	30.13	61	S	3	bc	30.00	-23	58	56	0	S	2	ot	*	bc,o	71	56	*	0.02		
	London (Brixton) ...	30.15	68	SSW	2	bc	30.05	-16	60	58	0	WSW	2	od	*	c,b	74	56	7.0	0.01		
	The Scaw (Skagen) ...	30.15	50	WNW	2	b	30.16	+18	52	50	-3	SW	2	c	0	-	59	46	*	-		
	Fanö ...	30.23	50	SW	1	b	30.17	+02	56	54	+2	SSE	2	c	*	-	57	50	*	-		
	Cuxhaven ...	30.25	58	NW	1	b	30.21	+02	52	50	-3	S	2	b	*	-	59	48	*	-		
	The Helder ...	30.19	59	S	1	b	30.09	-12	60	56	0	SSW	2	c	0	-	64	50	*	-		
	Brussels ...	*	*	*	*	*	30.14	-14	62	57	+3	SW	1	bc	*	-	71	52	*	-		
	Berlin ...	30.26	57	WNW	1	c	30.28	+08	55	52	0	WSW	2	b	*	-	63	48	*	-		
SPAN. PEN.	Frankfurt ...	30.27	56	E	2	b	30.24	-04	54	49	0	E	2	b	*	-	68	48	*	-		
	Munich ...	30.31	57	SE	1	b	30.26	-03	54	53	-3	SE	1	b	*	-	66	46	*	-		
	C. Gris Nez ...	30.22	60	SSW	1	b	30.11	-12	60	58	+1	S	2	o	2	-	68	55	*	-		
	Brest ...	30.21	65	NW	1	b	30.08	-18	61	60	+2	SSW	2	o	2	-	70	59	*	-		
	Lorient ...	30.13	70	N	4	b	30.10	-11	63	60	+1	SE	2	b	*	b	79	59	*	-		
	Rochefort ...	30.14	72	NNE	3	b	30.14	-11	66	64	+4	S	1	b	1	-	75	62	*	-		
	Biarritz ...	30.14	72	NNE	3	b	30.14	-11	66	64	+4	S	1	b	1	-	75	62	*	-		
	Paris ...	30.21	66	NE	1	b	30.16	-15	58	56	0	SE	1	b	*	-	73	49	*	-		
	Belfort ...	30.18	64	ENE	2	c	30.17	-06	53	51	-1	ENE	4	m	*	-	70	48	*	-		
	Lyons ...	30.19	69	N	1	b	30.18	-07	58	51	-1	N	1	b	*	-	74	53	*	-		
Nice ...	30.03	74	WSW	1	b	30.07	+22	73	60	-3	E	4	b	1	-	82	66	*	-			
Perpignan ...	30.05	82	NW	1	b	30.09	-07	68	61	-3	Z	0	b	*	-	91	57	*	-			
SPAN. PEN.	Corunna ...																	*	*			
	Lisbon ...																	*	*			
	Azores (P. Delgada) ...																	*	*			

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, 23rd August, 1902*

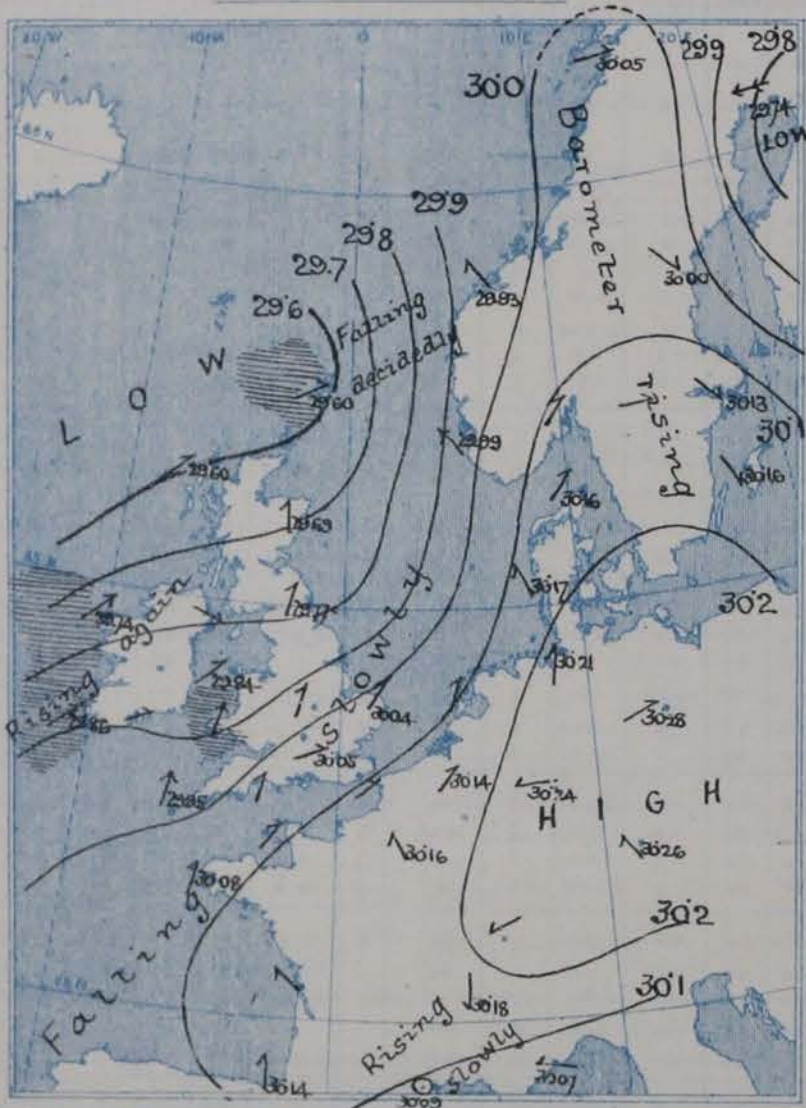
I. BAROMETER, WIND AND SEA. *This Morning.*

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—0.8



III. BAROMETER AND WIND

Yesterday morning.



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



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure this morning ranges from 30.28 ins. at Berlin and 30.1 ins. and more over France to 29.60 ins. at Stornoway and Sumburgh Head, and 29.74 ins. at Haparanda; gradients are rather steep over the British Islands, and shallow secondary disturbances are found over Scotland and Wales.

WIND

The wind has become Southerly or South Westerly all over the Kingdom; it is strong at Pembroke, fresh at Scilly, slight elsewhere, and in some of our north western regions varies to West in direction. Over Germany and France there are anticyclonic Easterly airs.

TEMPERATURE

Temperature is unsteady but at present does not differ much from that of yesterday morning except in the north of Scotland where it has risen. It is now about its average condition.

WEATHER

The weather is at present fair in Ireland and Scotland, showery over England, fine and bright over France and Germany.

AND

SEA

The sea is rough on our south west coasts, moderate or slight elsewhere.

Since yesterday morning we have had maximum temperatures of 74° to 70° over England, 60° in Scotland, 54° at Sumburgh Head. At Berlin the maximum was 63°, at Paris 73°, Nice 82°, Perpignan 91°. Rain has fallen in our Islands, except on the south coast. Bright sunshine amounted to 13 hours at Jersey, more than 10 hours on our south and east coasts but there was none at Valencia and Stornoway. There was a moderate gale from South West on our north west coasts last night.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

With the distribution of pressure referred to above Southerly to Westerly winds - strong in the west, and showery weather are probable. Some bright intervals are indicated in the east and south.

FORECASTS *

For the 24 hours ending at NOON on 24th August 1902

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;"> T 0 1 2 3 4 5 </div> <div style="border-left: 1px solid black; padding-left: 5px;"> SCOTLAND NORTH SCOTLAND EAST ENGLAND N.E. ENGLAND EAST MIDLAND COUNTIES ENGLAND SOUTH </div> </div>		SW ^{ly} and S ^{ly} winds, strong in the West, moderate to light in the East; showery, bright intervals, most in the South Eastern districts	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;"> T 6 7 8 9 10 </div> <div style="border-left: 1px solid black; padding-left: 5px;"> SCOTLAND WEST ENGLAND N.W. ENGLAND S.W. IRELAND NORTH IRELAND SOUTH </div> </div>		SW ^{ly} and S ^{ly} winds, strong in the West, moderate to light in the East; showery, bright intervals, most in the South Eastern districts.
			WARNINGS		At 7.12 pm. yesterday to districts 0, 6, 9, and 10. "Hoist South Cone"

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

* For terms for transmission of Forecasts by 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	*	*	*	*	*	*	*	*	*	*	0	*	b.p.	66	58	11.5	—
Newton Reigny (Penrith)	29.96	60	SE	0	29.77	-.28	58	57	+4	NW 3	0	*	ov.c	65	53	1.0	0.08
Bath	30.13	65	W 3	b	30.00	-.22	60	58	+3	N 1	b	+	-	70	57	0.1	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	68	44	m.c	3.9	0.02	Worthing	*	*	*	11.9	*
Birmingham, 9 p.m. ...	66	49	0	4.3	-	Llandudno	*	*	*	7.7	*
Lowestoft, up to 6 p.m. ...	66	48	c	11.6	-	Rhyl up to 6 p.m. ...	*	*	*	1.0	*
Hastings	*	*	*	8.4	*	Southport, 9 p.m. ...	68	51	07	1.0	0.08
Eastbourne up to 6 p.m. ...	*	*	*	10.2	*	Manchester, 9 p.m. ...	73	46	07	1.7	0.01
Brighton	*	*	*	12.3	*	Darwen, 9 p.m. ...	65	46	0m.2	1.2	0.07

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

STATIONS. 22 AUG. 02.	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 21 AUG. 02.	TEMPERATURE, F. at 1 p.m.		WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °				°	°		
Marseilles	82	61	c b	Ins.	Geneva	72	0	0	1.26
Utrecht	64	43	c c	-	Berne	66	0	0	1.26
Copenhagen	63	50	b c	-	Lucerne	64	0	0	0.51
Prague	70	54	0 -0	-	Lausanne	?	?	?	0.99
Vienna	73	57	c c	-	Lugano	81	6	6	0.83
Buda-Pesth <i>not recd.</i>					Locarno	?	?	?	1.74
St. Petersburg	63	52	0 c	-					
Rome	82	63	c c	-					
Malta	86	78	?	b					
Madeira (Funchal) <i>not recd.</i>									

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.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

23 AUG., 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.50	11.56	7.2
Greenwich	5.0	12.3	7.6
Wick	4.53	12.15	7.37
Valencia	5.40	12.44	7.49

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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

SUNDAY 24TH AUGUST.

1902

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.	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.)	Weather.	Max.	Min.								
Ins.	Ins.	°	°	Ins.	Ins.	°	°	Ins.	Ins.	°	°	Ins.	Ins.	Ins.							
SCANDINAVIA.	Haparanda ...	29.96	49	Z	0	b	30.01	+27	53	51	+1	SE	4	0	*	-	61	48	*	-	
	Hernösand ...	30.00	49	Z	0	b	29.97	-03	52	45	+3	Z	0	b	*	-	63	43	*	-	
	Stockholm ...	30.13	53	Z	0	b	30.11	-02	57	53	+7	WSW	2	b	*	-	64	45	*	-	
	Wisby ...	30.20	53	SW	2	b	30.17	+01	56	50	+2	SW	2	bc	*	-	61	48	*	-	
	Karlstad ...	30.11	55	SW	2	b	30.04	-15	54	53	+4	S	4	0	*	b, f	*	*	0.12		
	Færder (X'iania Fjord) ...	30.06	56	S	4	0	29.93	-18	55	55	0	S	5	0	3	-	56	52	*	0.24	
	Bodö ...	29.94	48	ENE	2	b	29.83	-22	54	47	+8	E	4	c	1	-	54	45	*	-	
	Christiansund ...	29.79	57	SE	2	+	29.77	-16	54	53	+4	SE	1	+	2	-	61	48	*	0.20	
	Skudesnaes ...	29.88	53	SSE	6	+	29.81	-18	53	53	-1	SSE	6	f	4	+	54	52	*	*	
BRITISH ISLANDS.	Sumburgh Head ...	29.64	55	S	1	b	29.58	-02	54	52	0	WSW	3	b	4	bc, b	60	49	*	0.01	
	Stornoway ...	29.59	57	SW	4	c	29.54	-06	56	53	0	SW	4	c	4	p, bc, c	65	53	75	0.03	
	Malin Head ...																				
	Blacksod Pt. ...	29.75	61	SW	4	b	29.78	+04	59	57	-1	W	4	b	3	b	63	56	*	0.02	
	Valencia ...	29.86	62	WSW	3	0	29.89	+03	60	57	-1	WSW	3	bc	5	c, o	66	55	10.0	-	
	Roche's Point ...	29.87	64	WSW	3	bc	29.90	+01	58	56	-1	W	1	bc	1	bc	66	48	*	0.01	
	Parsonstown ...	29.81	66	W	4	bc	29.84	+01	56	55	-3	SW	1	c	*	bc	68	51	9.5	-	
	Donaghadee ...	29.77	61	W	2	bc, p	29.77	-01	54	53	-5	W	2	bc	1	-	69	51	*	0.40	
	Liverpool Obsy. ...	29.84	64	Z	0	b	29.82	-03	59	57	0	W	2	c	2	b	66	56	*	-	
	Holyhead ...	29.84	59	SW	3	bc	29.84	00	61	59	+3	WNW	3	b	2	f, b, bc	64	55	*	0.14	
Pembroke (St. Ann's) ...	29.57	61	WSW	3	c	29.57	-01	59	55	-1	NW	3	bcw	3	-	63	57	6.6	0.03		
GERMANY, &c.	Scilly (St. Mary's) ...	29.93	64	W	1	f	29.91	-04	62	60	-1	WNW	3	cp	2	f	65	60	0.0	0.04	
	Jersey (St. Aubins) ...	30.03	67	WSW	2	ogp	29.93	-16	61	59	-2	WNW	3	om	3	ogp	69	60	1.3	0.75	
	Portland Bill ...	29.98	60	SSW	4	omd	29.89	-15	59	57	-1	NW	4	of	3	omd, f	62	57	*	0.18	
	Dungeness ...	30.00	61	WSW	3	op	29.87	-22	61	61	0	SW	4	o	2	o, op, t	63	57	*	0.48	
	Wick ...	29.64	61	S	1	b	29.61	-04	56	54	-2	S	2	bc	1	-	67	51	*	-	
	Nairn ...	29.64	64	WSW	2	b	29.61	-04	61	56	0	WSW	2	b	1	-	68	49	*	-	
	Aberdeen ...	29.68	65	SW	3	bc	29.67	-02	61	55	+1	SW	3	b	1	bc	69	51	4.5	-	
	Leith ...	29.72	65	WSW	2	c	29.70	-02	64	58	+2	WSW	3	b	*	-	73	54	*	0.04	
	North Shields ...	29.77	66	WSW	2	bc	29.75	-02	58	57	-1	SSW	2	op	2	t, o, t, bc	69	54	*	0.01	
	Spurn Head ...	29.55	60	SSW	4	0	29.80	-12	57	56	0	NW	2	bcw	2	ap	63	54	*	0.15	
FRANCE.	Yarmouth ...	29.93	67	SSW	3	c	29.83	-21	61	59	0	WSW	2	c	2	cp	67	57	*	0.55	
	Loughborough ...	29.88	64	SW	2	bc	29.83	-12	58	57	0	W	2	bcw	*	op, bc, f	65	51	*	0.16	
	Oxford ...	29.93	60	S	2	+	29.86	-14	58	56	0	W	1	o	*	o, t	67	57	*	0.22	
	London (Brixton) ...	29.94	64	SW	2	0	29.85	-20	62	60	+2	WNW	1	o	*	op, t	68	59	0.1	0.27	
	The Scaw (Skagen) ...	30.04	57	S	3	0	29.95	-21	57	57	+5	S	3	+	1	-	57	52	*	0.08	
	Fanö ...	30.05	56	S	4	0	29.91	-26	57	56	+1	S	3	+	*	-	61	55	*	0.08	
	Cuxhaven ...	30.09	63	S	1	0	29.96	-25	58	57	+6	S	2	+	*	-	64	52	*	0.08	
	The Helder ...	29.99	61	S	1	0	29.85	-24	58	57	-2	SSW	1	o	1	-	66	58	*	0.24	
	Brussels ...	*	*	*	*	*	29.91	-23	60	59	-2	NE	2	+	*	-	75	59	*	-	
	Berlin ...	30.19	61	SE	2	b	30.07	-21	59	53	+4	SE	2	c	*	-	66	52	*	-	
SPAN. PEN.	Frankfurt ...	30.09	62	SE	2	b	30.02	-22	58	53	+4	SE	2	bc	*	-	73	52	*	-	
	Munich ...	30.20	57	E	4	b	30.12	-14	55	53	+1	E	3	b	*	-	66	45	*	-	
	C. Gris Nez ...	30.04	62	SSW	2	+	29.92	-19	59	59	-1	SSW	4	+	3	-	68	57	*	0.43	
	Brest ...	30.01	61	SSW	3	f	29.95	-13	59	58	-2	WNW	1	o	2	-	66	59	*	0.32	
	Lorient ...	30.02	67	W	4	c	29.98	-15	63	63	+1	W	3	+	2	-	73	61	*	0.16	
	Rochefort ...	30.06	68	NW	4	bc	29.99	-11	66	64	+3	NNW	3	o	*	b, bc	52	59	*	-	
	Biarritz ...	30.15	72	W	3	b	30.10	-04	68	66	+2	S	1	bc	1	-	75	64	*	-	
	Paris ...	30.04	74	SSE	2	bc	29.92	-24	61	59	+3	S	2	o	*	-	79	58	*	-	
	Belfort ...	30.03	69	Z	0	m	30.01	-16	58	54	+5	Z	0	m	*	-	73	52	*	-	
	Lyons ...	30.07	73	NE	1	b	30.04	-14	65	58	+7	SE	1	b	*	-	79	58	*	-	
Nice ...	30.04	73	WSW	1	b	30.03	-04	71	?	+2	Z	0	b	1	-	84	66	*	?		
Perpignan ...	30.03	?	Z	0	b	30.03	-06	68	63	0	Z	0	b	*	-	84	59	*	-		
SPAN. PEN.	Corunna ...																				
	Lisbon ...	30.12	71	NNW	4	b	30.13	+03	69	63	-5	NNE	4	bc	*	-	84	64	*	-	
SPAN. PEN.	Azores (P. Delgada) ...	30.25	70	NNE	4	b	30.25	+06	70	66	+1	NNE	4	b	2	-	79	68	*	-	

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 24th August, 1902

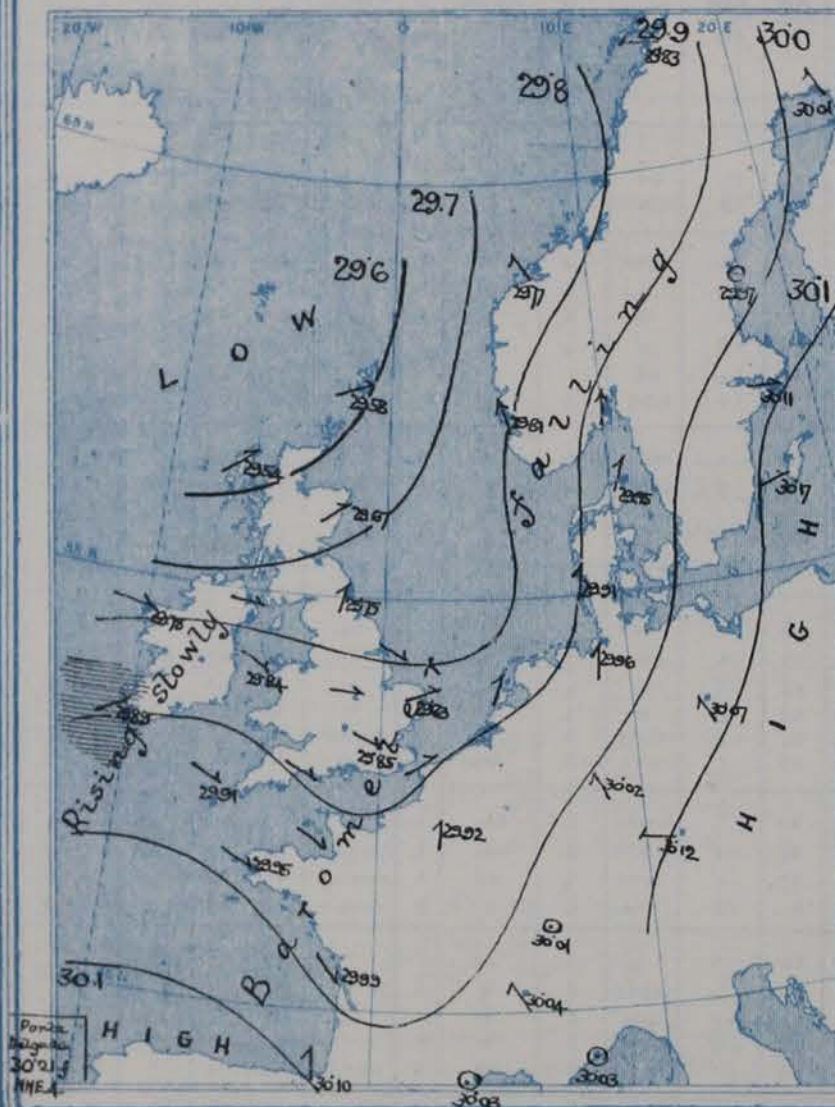
I. BAROMETER, WIND AND SEA. This Morning.

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 :

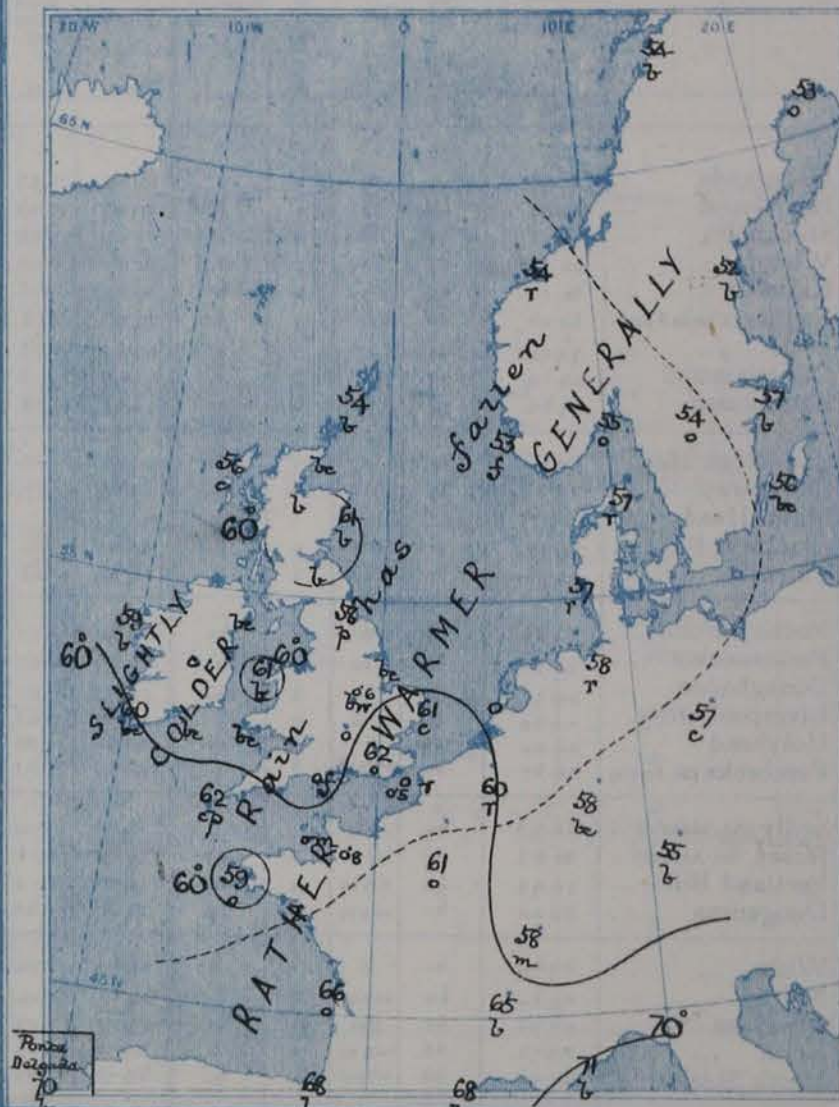


II. TEMPERATURE AND WEATHER. This Morning

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 AUGUST. (1871-1900)



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 30.1 ins: and upwards, over the southeastern parts of Sweden and Germany and also over the Iberian Peninsula, while it is lowest 29.6 ins: and less, in a disturbance off the north of Scotland. Pressure is decreasing slowly in most places, but rising again on our western coasts in the rear of some secondary cyclonic systems which are passing eastwards over our Islands and the North Sea.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is W¹ or SW¹ over the greater part of this country, but draws into S. to the eastward of the North Sea and into E. in Lapland. In force it is mostly light, but blows freely or strongly in the south of Norway. Temperature has risen somewhat at most continental stations, changed little elsewhere; it ranges from 62° to 56° over most parts of the United Kingdom, from 71° to 58° in France, and between 58° and 55° over the major part of Germany and Scandinavia. The weather is dull and rainy at Lorient, Cape Gris Nez, Brussels, on the eastern shores of the North Sea and at Christiansund, and showery at one or two of our own stations, fair generally elsewhere.

The sea is moderate to smooth.

The maximum temperatures registered in our Islands yesterday, were all below 70° except at Leith, where the thermometer rose to 73°; in the south of France readings of 84° were recorded. Rain was experienced in most places, the largest falls being 0.55 inch at Yarmouth, and 0.75 inch at Jersey.

Very little bright sunshine was recorded except in the extreme west and northwest.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 25th AUGUST, 1902

DISTRICTS.

FORECASTS.

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

NONE ISSUED

DISTRICTS.

FORECASTS.

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

NONE ISSUED.

WARNINGS

NONE ISSUED.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	c, 0	65	58	1.2	0.37
Newton Reigny (Penrith)												*					
Bath	29.86	63	SW 3	0	?	?	60	58	0	W 1	0	*	-	65	55	1.0	0.29

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	65	56	c, b	4.0	0.31	Worthing	*	*	*	0.4	*
Birmingham, 9 p.m. ...	65	55	c	1.8	0.09	Llandudno	*	*	*	7.8	*
Lowestoft, up to 6 p.m. ...						Rhyl up to 6 p.m. ...	*	*	*		*
Hastings	*	*	*	0.0	*	Southport, 9 p.m. ...	65	57	0, c, 0	6.4	0.20
Eastbourne up to 6 p.m. ...	*	*	*		*	Manchester, 9 p.m. ...	73	57	0	3.3	0.38
Brighton	*	*	*		*	Darwen, 9 p.m. ...					

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

STATIONS. 23. VIII. 02	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 22. VIII. 02	TEMPERATURE, F. at 1 p.m.	WEATHER.	RAIN. (measured at 7 a.m.)
	Max.	Min.						
Marseilles	86	55	b, b	Ins.	Geneva	68	b	-
Utrecht	68	48	b, c	-	Berne	68	c	-
Copenhagen	61	46	b, c	-	Lucerne	70	b, c	0.12
Prague	64	50	0, 0	-	Lausanne	?	?	-
Vienna	68	55	c, b	-	Lugano	79	b	-
Buda-Pesth	75	61	c, b	-	Locarno	?	?	-
St. Petersburg	63	48	b, c	0.04				
Rome	88	67	b, b	-				
Malta	83	76	b	-				
Madeira (Funchal)								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

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

24. AUG. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	h. m.	h. m.	h. m.
Yarmouth	4.51	11.55	7.0
Greenwich	5.1	12.2	7.3
Wick	4.55	12.14	7.34
Valencia	5.41	12.43	7.46

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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.

† Except at Oxford, where the observations are taken at 5 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

MONDAY 25TH AUGUST.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.	Haparanda ...	29.97	51	S	2	0	29.93	-0.08	52	50	-1	SW	4	0	*	-	57	43	*	-	
	Hernösand ...	29.97	55	Z	0	0	29.94	-0.03	54	53	+2	S	4	0	*	-	64	39	*	-	
	Stockholm ...	30.07	55	SW	2	0	29.96	-0.15	58	56	+1	SE	4	0	*	-	64	45	*	-	
	Wisby ...	30.10	55	S	2	0	29.95	-0.22	61	57	+5	S	2	bc	*	-	63	45	*	-	
	Karlstad ...	29.99	55	Z	0	†	29.86	-0.18	54	54	0	S	2	†	*	-	*	*	*	0.28	
	Færder (X'iania Fjord)	29.88	56	SSE	6	†	29.76	-0.17	56	56	+1	? S	6	†	2	-	56	54	*	0.63	
	Bodö ...	29.71	55	E	2	0	?	?	57	53	+3	E	2	†	1	-	59	48	*	-	
	Christiansund ...	29.75	59	SSE	1	†	29.75	-0.02	55	53	+1	SSW	1	†	1	-	63	54	*	-	
BRITISH ISLANDS.	Skudesnaes ...	29.77	54	S	2	†	29.83	+0.02	53	53	0	S	2	0	2	af	55	52	*	-	
	Sumburgh Head ...	29.60	57	SSW	3	†	29.73	+0.15	51	49	-3	W	3	†	3	†	58	48	*	0.02	
	Stornoway ...	29.63	56	W	4	0	29.80	+0.26	52	50	-4	SSW	2	†	2	†, op, p	60	45	1.5	0.25	
	Malin Head ...	29.87	59	WNW	4	†	29.97	+0.19	59	57	0	WNW	3	bc	3	bc	61	54	*	0.05	
	Blacksod Pt. ...	29.97	61	WNW	3	†	30.11	+0.22	59	56	-1	WSW	1	†	4	bc	63	53	12.6	-	
	Valencia ...	29.97	61	WNW	3	†	30.11	+0.22	59	56	-1	WSW	1	†	4	bc	63	53	12.6	-	
	Roche's Point ...	29.92	62	NNW	4	†	30.07	+0.17	57	55	-1	NNW	2	†	2	o, cp	65	51	*	0.09	
	Parsonstown ...	29.88	61	W	3	†	30.04	+0.20	56	54	0	SW	2	†	*	bc, p	65	47	8.7	0.05	
GERMANY, &c.	Donaghadee ...	29.79	61	NW	2	†	29.94	+0.17	55	53	+1	W	2	†	2	-	67	48	*	0.08	
	Liverpool Obsy. ...	29.84	63	WNW	3	†	29.98	+0.16	57	55	-2	WNW	3	†	3	†	63	54	*	-	
	Holyhead ...	29.85	60	WSW	2	†	29.99	+0.15	59	57	-2	WNW	3	bc	2	†	64	53	*	-	
	Pembroke (St. Ann's) ...	29.89	60	W	4	†	30.02	+0.15	57	54	-2	NW	3	bcw	3	-	63	54	11.4	-	
	Scilly (St. Mary's) ...	29.95	62	WNW	3	†	30.07	+0.16	62	58	0	NNW	2	†	3	†	65	58	11.8	0.01	
	Jersey (St. Aubins) ...	29.95	63	WNW	3	†	30.07	+0.14	61	57	0	WNW	3	bcw	3	pg, c, bcw	65	56	2.8	0.03	
	Portland Bill ...	29.90	62	W	3	†	30.03	+0.14	58	57	-1	WNW	4	bc	2	c, bc	64	57	*	-	
	Dungeness ...	29.84	63	W	4	†	29.99	+0.12	60	57	-1	WNW	3	bc	1	o, op	63	54	*	0.06	
FRANCE.	Wick ...	29.64	59	NW	2	†	29.78	+0.17	53	50	-3	NW	2	bc	1	-	66	48	*	0.03	
	Nairn ...	29.64	60	WSW	2	†	29.82	+0.21	54	52	-7	W	1	†	1	-	67	49	*	0.03	
	Aberdeen ...	29.47	61	SSW	2	†	29.84	+0.17	57	52	-4	NW	2	bc	1	b, p, bc	69	48	10.5	0.02	
	Leith ...	29.71	64	W	3	†	29.87	+0.17	58	54	-6	NW	2	bc	1	-	70	52	*	-	
	North Shields ...	29.76	65	W	3	†	29.90	+0.15	57	55	-1	WSW	3	†	2	p, bc	69	54	*	-	
	Spurn Head ...	29.80	62	W	3	†	29.98	+0.13	57	56	0	WNW	3	bc	2	-	63	53	*	-	
	Yarmouth ...	29.79	65	S	2	†	29.92	+0.09	58	55	-3	WNW	4	bc	2	†	67	52	*	0.04	
	Loughborough ...	29.83	65	WSW	2	†	29.98	+0.15	56	54	-2	WNW	2	bcw	*	cp, bc, b	68	50	*	0.04	
SPAN. PEN.	Oxford ...	29.88	58	WSW	2	†	30.00	+0.14	58	55	0	Z	0	bc	*	bc, p, o	71	48	*	0.01	
	London (Brixton) ...	29.83	66	W	1	†	29.98	+0.13	58	55	-4	W	1	†	*	o, bc, p	70	51	2.4	0.08	
	The Scaw (Skagen) ...	29.86	56	S	3	†	29.75	-0.20	57	57	0	S	1	†	0	-	59	55	*	1.14	
	Fanø ...	29.83	59	S	3	†	29.80	-0.11	57	56	0	W	2	†	*	-	61	57	*	0.51	
	Cuxhaven ...	29.86	61	Z	0	†	29.82	-0.44	60	59	+2	SW	1	op	*	-	63	57	*	0.39	
	The Helder ...	29.78	61	WSW	1	†	29.86	+0.08	61	59	+3	NNW	1	bc	0	-	64	57	*	0.12	
	Brussels ...	*	*	*	*	*	29.96	+0.05	58	57	-2	W	1	†	*	-	67	56	*	0.39	
	Berlin ...	29.94	66	SE	1	†	29.84	-0.23	62	58	+5	SE	2	†	*	-	73	57	*	-	
SPAN. PEN.	Frankfurt ...	29.84	67	S	2	†	29.92	-0.10	62	60	+4	W	2	†	*	-	81	63	*	0.04	
	Munich ...	30.00	63	E	1	†	29.99	-0.13	65	60	+10	SW	2	†	*	-	75	54	*	-	
	C. Gris Nez ...	29.87	61	SW	5	†	30.00	+0.08	59	58	0	N	3	†	2	-	70	57	*	0.16	
	Brest ...	30.00	64	NW	1	†	30.10	+0.15	58	57	-1	NW	1	†	1	-	?	55	*	0.04	
	Lorient ...	30.00	63	NNW	4	†	30.10	+0.12	59	58	-4	N	1	†	2	-	73	57	*	0.24	
	Rochefort ...	29.99	63	WNW	3	†	30.06	+0.07	59	59	-7	NE	3	†	*	†, o	66	59	*	-	
	Biarritz ...	30.06	70	W	4	†	30.10	0.00	63	62	-5	SE	2	†	3	-	77	61	*	0.51	
	Paris ...	29.93	60	NNW	1	†	30.04	+0.12	56	55	-5	NNW	2	†	*	-	69	54	*	0.28	
SPAN. PEN.	Belfort ...	29.83	75	W	3	†	30.00	-0.01	59	59	+1	WSW	3	†	*	-	79	58	*	-	
	Lyons ...	29.86	70	S	2	†	30.02	-0.02	60	60	-5	N	1	†	*	-	88	60	*	0.39	
	Nice ...	29.97	71	Z	0	†	29.94	-0.09	72	61	+1	Z	0	†	*	-	82	63	*	-	
	Perpignan ...	29.93	73	NE	3	†	29.96	-0.07	70	64	+2	Z	0	†	*	-	82	66	*	-	
SPAN. PEN.	Coruana ...	30.12	69	NW	4	†	30.11	-0.02	66	58	-3	N	5	†	*	-	79	63	*	-	
	Lisbon ...	30.30	70	NNE	4	†	30.31	+0.10	69	66	-1	NE	4	†	*	-	81	68	*	-	

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 25th August, 1902

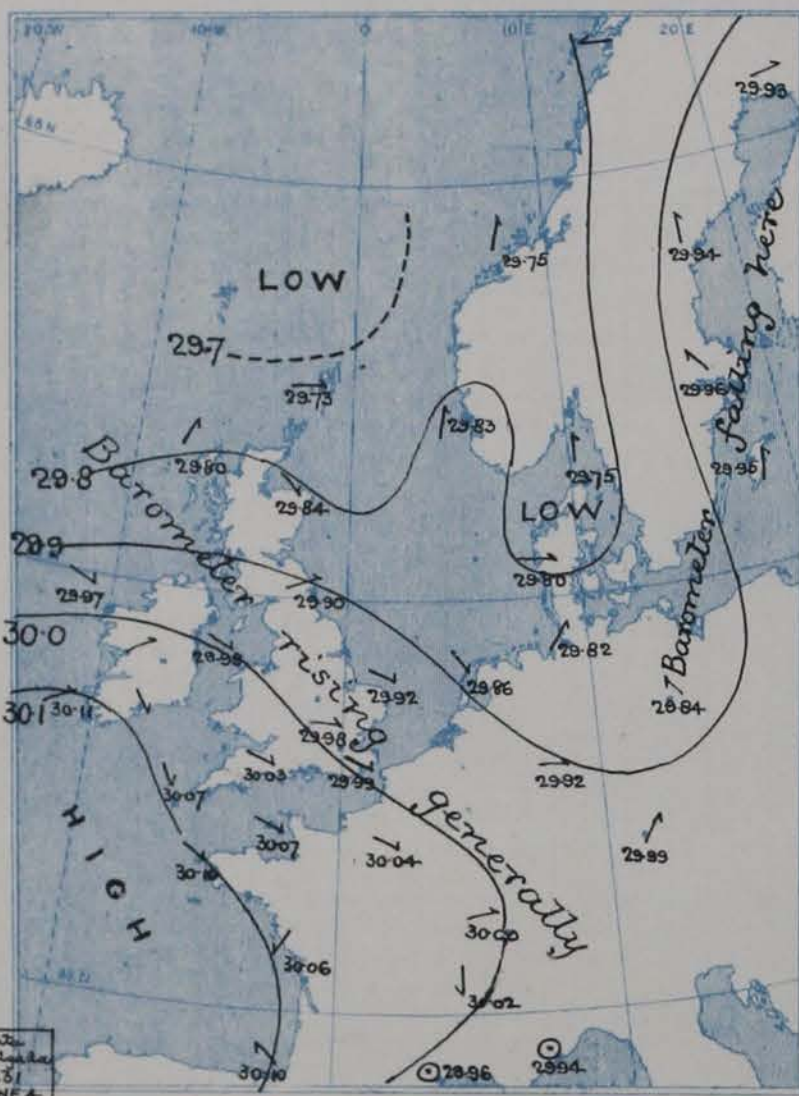
I. BAROMETER, WIND AND SEA. This Morning.

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 AUGUST. (1871-1900)



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure has now become highest over the Bay of Biscay and off our south western coasts, where the readings are above 30.1 ins. It is still lowest, about 29.7 ins., in a disturbance to the northward of the Shetlands, but is below 29.8 ins. in a secondary disturbance which has reached Denmark from the North Sea. The mercury is rising generally, but falling over Sweden and the east of Germany.

WIND

The wind, which is of little strength, is North Westerly or Westerly over the major portion of our Islands, but is South South Westerly in the Hebrides and West South Westerly at Valencia. Over Scandinavia it is mostly Southerly and over France North Westerly to North Easterly.

TEMPERATURE

Temperature has fallen a few degrees generally, but risen a little over Germany. It at present ranges from 72° at Nice to 63° at Biarritz, 62° at Scilly and at some German stations, between 56° and 56° over our more southern districts, to 52° at Haparanda and 51° at Sumburgh Head.

WEATHER

The weather is now fine over the greater part of our area, but showers are falling in the Scilly Islands and at the mouth of the Elbe and steady rain in some Danish and Scandinavian localities, as well as at Lyons.

AND

The sea is moderate off the west of Ireland, slight or smooth elsewhere.

SEA

The highest of the maximum temperatures recorded over our Islands yesterday were 71° at Oxford and 70° at Leith and in London; at Frankfurt the maximum was 81° and at Nice 82°. Rain has fallen in most parts of north western Europe — heaviest in Denmark. Very little bright sunshine was experienced in the south during yesterday, but more than eleven hours were registered on our north west coasts and more than twelve hours at Valencia.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The high pressure in the south west will probably continue to extend Northwards and Eastwards and fine weather is likely during the next 24 hours over the Kingdom as a whole. The backing winds in the extreme west, however, seem to indicate the approach of further disturbances from the Atlantic so that the change may prove to be but temporary.

FORECASTS *

For the 24 hours ending at NOON on 26th August 1902

DISTRICTS.

FORECASTS.

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

Wind becoming SW^{ly} or S^{ly} again; fair to day, less settled, with some rain, to morrow.

W^{ly} to SW^{ly} winds, light or moderate; fine, warm in day, very cool 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} to SW^{ly} or S^{ly} winds, fair to unsettled.

NT^{ly} to W^{ly} and ST^{ly} winds; fair to day, then cloudy and unsettled.

ST^{ly} and S^{ly} winds; fair at first, cloudy or dull later, with 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 (\blacktriangledup), 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, bc	65	52	3.2	-
Newton Reigny (Penrith)	29.77	62	N 2	b	29.90		55	53		N 1	c	*	bc	67	49	11.0	-
Bath	29.69	64	N 3	b	30.02	?	56	55	-2	N 1	b	*	-	69	50	7.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	67	50	c, b	6.5	0.03	Worthing	*	*	*	3.1	*
Birmingham, 9 p.m. ...	66	52	b	7.2	0.11	Llandudno	*	*	*	11.2	*
Lowestoft, up to 6 p.m. ...	*	*	*	*	*	Rhyl up to 6 p.m. ...	*	*	*	10.0	*
Hastings	*	*	*	0.3	*	Southport, 9 p.m. ...	63	54	st, b	11.0	0.03
Eastbourne up to 6 p.m. ...	*	*	*	0.5	*	Manchester, 9 p.m. ...	71	49	b	6.6	-
Brighton	*	*	*	1.8	*	Darwen, 9 p.m. ...	64	51	w, w	7.0	1.00

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

STATIONS. 24. VIII. 02.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 23. VIII. 02.	TEMPERATURE, F. at 1 p.m. °	WEATHER.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	<i>Observations not rec'd</i>			Ins.	Geneva	68	b	-
Utrecht					Berne	70	b	-
Copenhagen					Lucerne	70	b	-
Prague					Lausanne	?	?	-
Vienna					Lugano	79	b	-
Buda-Pesth					Locarno	?	?	-
St. Petersburg								
Rome								
Malta								
Madeira (Funchal)								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

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

25. VIII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 4.53	h. m. 11.55	h. m. 6.58
Greenwich	5.3	12.2	7.1
Wick	4.57	12.44	7.31
Valencia	5.43	12.43	7.44

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

TUESDAY 26th AUGUST

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.		Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall Ins.	
			At 32° and M.S.L.	Dry Bulb.	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.
SCANDINAVIA.	Haparanda ...	29.90	52	SSW	4	0	29.88	-0.05	53	52	+1	SSW	4	0	*	-	53	52	*	0.04	
	Hernösand ...	29.81	53	S	4	1	29.69	-0.25	56	54	+2	Z	0	0	*	-	56	52	*	0.63	
	Stockholm ...	29.78	57	SE	2	1	29.80	-0.16	58	55	0	WNW	6	0	*	-	63	54	*	0.28	
	Wisby ...	29.86	58	SSE	2	0	29.93	-0.02	56	53	-5	W	6	0	*	-	63	50	*	0.04	
	Karlstad ...	29.74	57	Z	0	0	29.87	+0.01	55	54	+1	WSW	2	0	*	-	*	*	*	0.55	
	Færder (X'ania Fjord)	29.77	57	W	2	0	29.89	+0.13	55	54	-1	Z	0	f	3	-	57	52	*	0.04	
	Bodö ...	29.73	53	Z	0	c	29.84	+0.01	49	48	-8	WSW	4	0	2	-	66	48	*	-	
	Christiansund ...	29.81	51	E	2	f	29.96	+0.21	53	48	-2	W	2	2	2	-	63	46	*	-	
	Skudesnaes ...	29.89	52	NW	2	b	30.02	+0.19	52	50	-1	Z	0	b	1	0, b	57	46	*	*	
BRITISH ISLANDS.	Sumburgh Head ...	29.79	52	SW	2	0	29.85	+0.12	54	52	+3	SSW	2	bc	3	bc, 0	56	48	*	0.02	
	Stornoway ...	29.80	58	WSW	3	0	29.80	0.00	55	54	+3	SW	3	cp	3	bc, 0	63	47	7.4	0.09	
	Malin Head ...																				
	Blacksod Pt. ...	30.00	61	WSW	4	b	29.90	-0.07	58	56	-1	SW	5	cpm	4	b	62	57	*	0.09	
	Valencia ...	30.07	62	W	1	bc	29.98	-0.13	59	57	0	SSE	3	bc	4	c, bc	63	53	8.5	0.02	
	Roche's Point ...	30.05	60	NNW	4	cp	30.02	-0.05	52	52	-5	NW	2	f	2	c, cp	63	47	*	0.01	
	Parsonstown ...	30.01	64	W	1	b	30.00	-0.04	54	52	-2	SE	1	c	*	b	68	47	10.5	-	
	Donaghadee ...	29.97	60	NE	2	bc	30.00	+0.06	53	52	-2	W	2	b	1	p, bc	67	48	*	0.04	
	Liverpool Obsy. ...	30.03	60	NNW	2	b	30.05	+0.07	58	54	+1	SSE	2	b	1	b	62	49	*	-	
GERMANY, &c.	Holyhead ...	30.04	58	SW	3	b	30.02	+0.03	59	58	0	SSW	3	cm	2	bc, b	64	55	*	-	
	Pembroke (St. Ann's)	30.06	59	W	3	b	30.02	0.00	60	57	+3	S	3	bw	2	-	63	54	11.3	-	
	Scilly (St. Mary's) ...	30.09	63	WNW	1	c	30.04	-0.03	62	59	0	SW	1	bw	1	c	66	58	9.2	-	
	Jersey (St. Aubin's) ...	30.08	64	NW	4	b	30.06	-0.01	63	58	+2	NE	1	bm	1	bc, b, w	67	49	12.5	-	
	Portland Bill ...	30.06	62	WSW	3	b	30.05	+0.02	61	56	+3	N	1	b	1	bc, b	65	53	*	-	
	Dungeness ...	30.03	62	W	4	c	30.06	+0.07	59	59	-1	SE	3	f	1	c, f	67	55	*	0.02	
	Wick ...	29.84	56	SW	3	bc	29.88	+0.10	55	52	+2	SW	2	bc	1	-	61	50	*	0.03	
	Nairn ...	29.86	59	W	1	bc	29.88	+0.06	59	55	+5	W	1	c	1	-	64	50	*	0.01	
	Aberdeen ...	29.87	58	NW	1	c	29.93	+0.09	60	54	+3	SW	3	b	1	bc, p, c	62	45	7.7	0.01	
FRANCE.	Leith ...	29.90	61	W	3	bc	29.97	+0.10	58	54	0	ENE	1	bm	*	-	67	49	*	-	
	North Shields ...	29.95	63	WSW	2	c	30.03	+0.13	58	55	+1	WSW	1	bm	2	p, c	66	50	*	-	
	Spurn Head ...	29.99	60	SE	3	bc	30.07	+0.14	57	54	0	WNW	2	b	1	-	63	53	*	-	
	Yarmouth ...	29.99	62	SE	2	bc	30.07	+0.15	59	57	+1	ESE	1	b	2	bc, bc	64	51	*	0.01	
	Loughborough ...	30.02	64	WNW	2	bc	30.09	+0.11	48	47	-8	Z	0	bfw	*	c, bc, bm	68	39	*	-	
	Oxford ...	30.06	60	NW	2	b	30.07	+0.07	55	51	-3	N	1	b	*	p, b	70	44	*	-	
	London (Brixton)	30.00	63	NW	1	c	30.05	+0.07	58	55	0	Z	0	bc	*	c, bmw	70	49	7.3	-	
	The Scaw (Skagen)	29.82	54	W	3	m	29.92	+0.17	55	52	-2	WNW	4	b	1	-	59	54	*	0.20	
	Fanö ...	29.99	57	W	3	0	30.08	+0.28	57	54	0	W	3	c	*	-	59	50	*	0.04	
SPAN. PEN.	Cuxhaven ...	29.95	59	Z	0	c	30.11	+0.29	58	55	-2	WNW	1	b	*	-	63	55	*	-	
	The Helder ...	29.99	60	NNW	1	bc	30.09	+0.23	61	59	0	SE	1	b	0	-	64	50	*	-	
	Brussels ...	*	*	*	*	*	30.09	+0.13	58	56	0	ESE	2	c	*	-	68	50	*	-	
	Berlin ...	29.96	65	W	2	0	30.10	+0.26	60	58	-2	Z	0	c	*	-	70	59	*	-	
	Frankfurt ...	30.02	64	N	2	0	30.06	+0.14	59	56	-3	NE	3	c	*	-	72	57	*	-	
	Munich ...	30.03	63	SW	2	0	30.06	+0.07	58	56	-7	Z	0	0	*	-	73	65	*	0.04	
	C. Gris Nez ...	30.06	60	SW	4	bc	30.08	+0.08	57	55	-2	SSW	1	b	1	-	72	55	*	0.04	
	Brest ...	30.14	62	NW	1	b	30.07	-0.03	55	55	-3	NE	1	b	1	-	68	50	*	-	
	Lorient ...	30.08	64	NW	3	bc	30.06	-0.04	58	57	-1	W	3	bc	1	-	72	57	*	-	
SPAN. PEN.	Rochefort ...	30.03	66	NW	4	c	29.97	-0.09	61	58	+2	NE	3	c	*	bc, c	72	54	*	-	
	Biarritz ...	30.07	67	NNW	3	c	29.99	-0.11	59	59	-4	Z	0	+	3	-	72	57	*	0.51	
	Paris ...	30.04	63	N	1	b	30.05	+0.01	54	53	-2	NNE	1	c	*	-	70	50	*	-	
	Belfort ...	30.01	56	ENE	2	+	29.96	-0.04	55	54	-4	ENE	4	+	*	-	75	62	*	0.51	
	Lyons ...	30.05	58	N	1	+	29.97	-0.05	55	55	-5	NNW	1	+	*	-	61	55	*	0.95	
	Nice ...	29.93	69	Z	0	bc	29.93	-0.01	69	63	-3	E	1	0	1	-	52	61	*	-	
	Perpignan ...	30.01	61	SW	2	+	29.92	-0.04	59	59	-11	SW	2	0	*	-	71	57	*	1.18	
	Corunna ...																				
	Lisbon ...	30.04	64	NNW	5	b	29.98	-0.13	65	57	-1	NNW	6	b	*	-	72	61	*	-	
Azores (P. Delgada)	30.30	69	NNE	1	0	30.23	-0.08	72	67	+3	NW	2	c	1	-	77	68	*	-		

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 26TH AUGUST, 1902

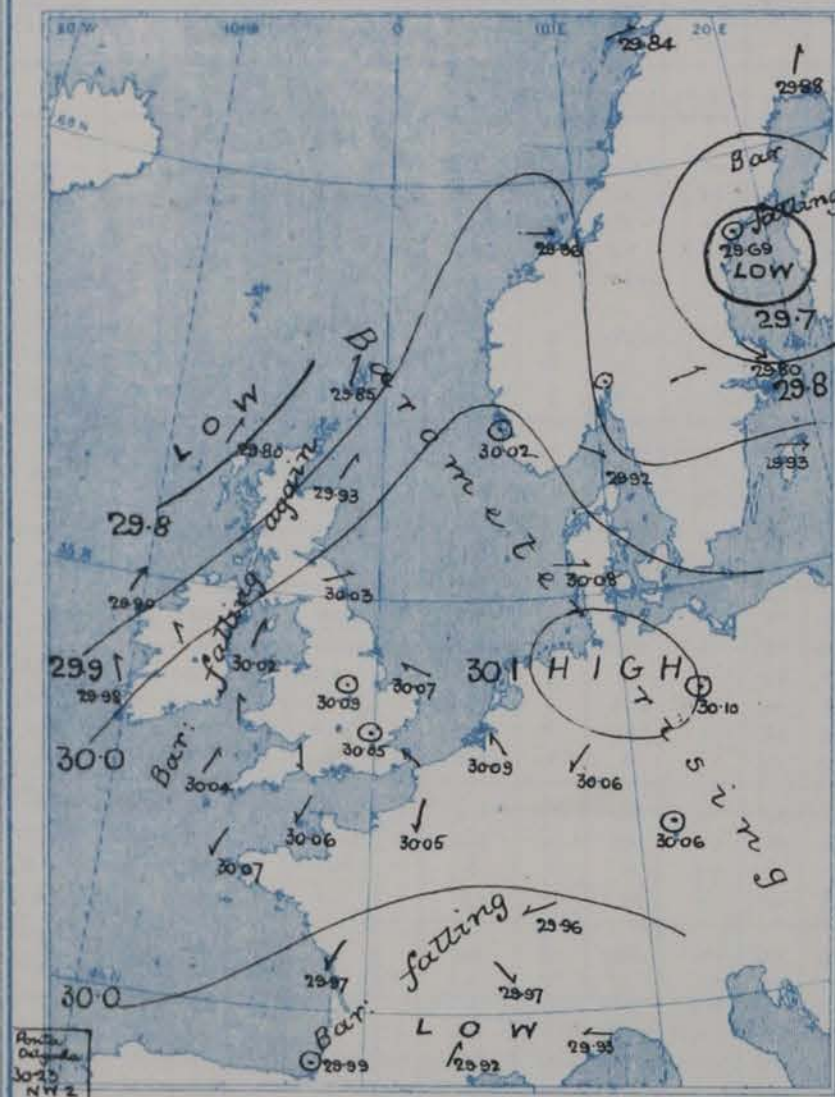
I. BAROMETER, WIND AND SEA. This Morning.

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

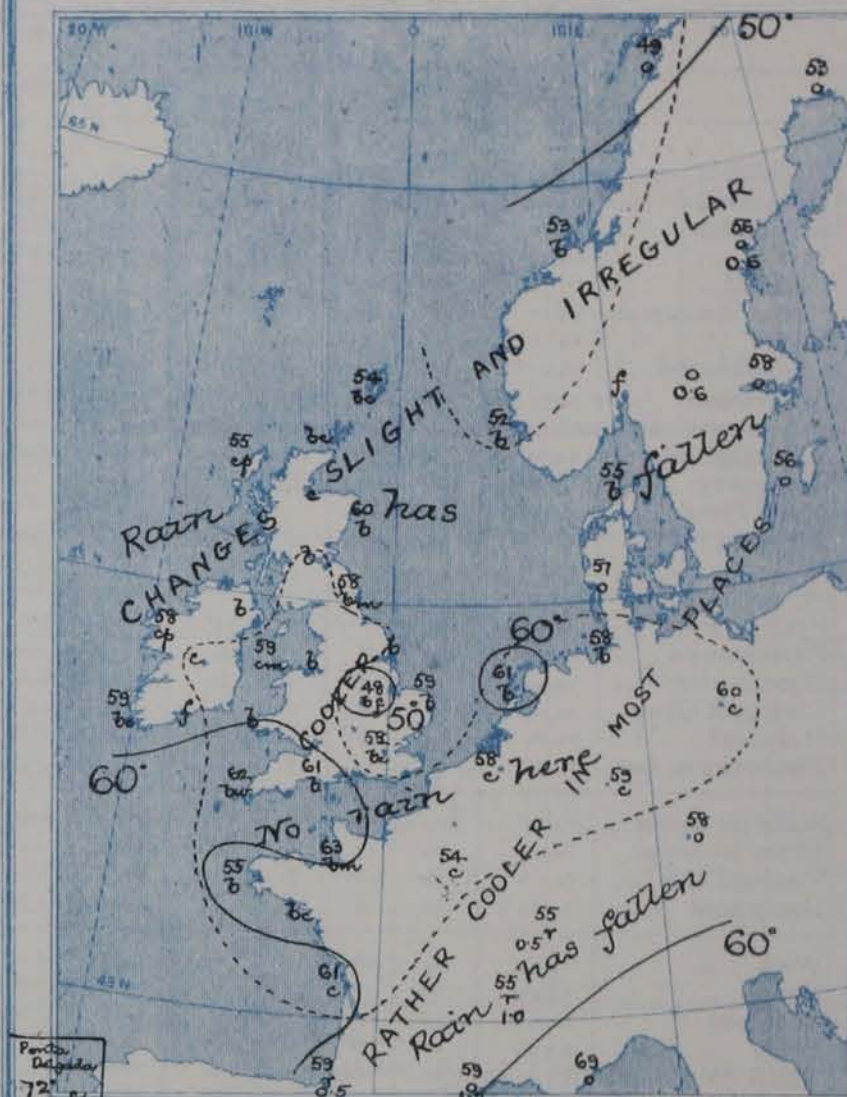


II TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

WEATHER.—Shown by Letters of the Beaufort Scale. (S. P. &)

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

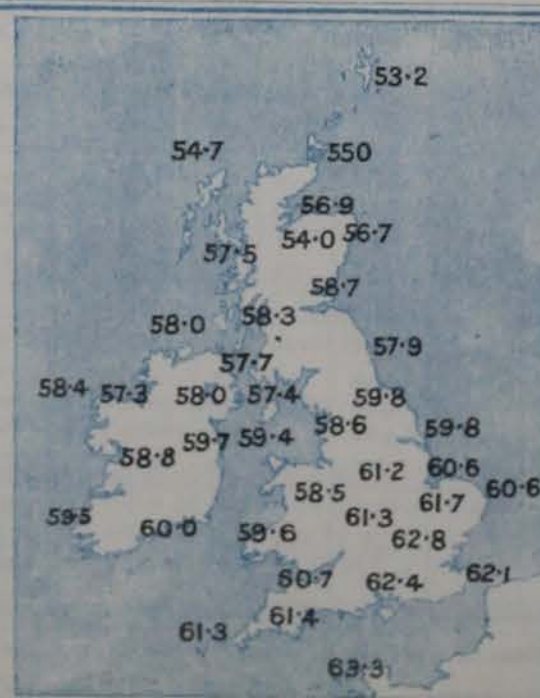


III BAROMETER AND WIND

Yesterday morning.



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



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 30.1 ins., in north Germany, and above 30.0 ins. in a large anticyclonic area embracing the whole of England, the southern halves of the North Sea and Denmark, south Germany, and the northern half of France. The lowest readings are found in a disturbance over the Gulf of Bothnia where they are below 29.7 ins., but they are also low, 29.8 ins. and less, off our own north western coasts. Pressure is decreasing again over Ireland and along the west coasts of Great Britain.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind has backed to the Southward or South Westward over our western and northern districts, but is variable over the greater part of England and the adjacent portions of the Continent. Over Scandinavia there is a cyclonic circulation, the westerly wind in the south of Sweden being strong in force.

Temperature has not changed much as a whole but has fallen at some Irish stations and over central England. Over our Islands it ranges from 63° at Jersey and 60° at Aberdeen to 52° at Roche's Point and 48° at Loughborough; and over the continental part of our area from 69° at Nice and 61° at the Helder to 58° at Stockholm, 54° at Paris and 49° at Bodo.

The weather is fine over the greater part of our area, but showers prevail at Blacksod Point and Stornoway, steady rain at Biarritz, Lyons and Belfort and much cloud in Sweden.

The sea is moderate off the west of Ireland, slight or smooth elsewhere.

The highest temperatures recorded over our Islands yesterday were 68° at Parsonstown and Loughborough, and 70° at Oxford and in London, and the lowest minima in the night 44° at Oxford and 39° at Loughborough. Slight rain fell in some parts of the Kingdom, more considerable amounts over Sweden and in different parts of France. Bright sunshine was very prevalent throughout our Islands.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fall of the barometer in the west is indicative of the approach of disturbances from the Atlantic, which will probably bring some rain to our western and north western districts, but our eastern and south eastern districts are likely to remain under the influence of the anticyclonic system for a time.

FORECASTS *

For the 24 hours ending at NOON on 27th August 1902

DISTRICTS.

FORECASTS.

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

SW^{ly} breezes, moderate or fresh; changeable, showery.

SW^{ly} breezes, light or moderate; fair and warm to day, cloudy and unsettled to morrow.

Variable to SW^{ly} or W^{ly} breezes; fair generally.

DISTRICTS.

FORECASTS.

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

Same as No. 0.

S^{ly} and SW^{ly} winds, moderate or light; fair to day, some showers to morrow.

SW^{ly} winds, freshening; weather becoming unsettled, with rain at times.

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	*	*	*	*	*	*	*	*	*	*	b	*	b, f	64	52	8.5	-
Newton Reigny (Penrith)	29.96	58	W 1	b	30.01	+11	55	54	0	SE 1	bc	*	o, bc	66	45	7.0	-
Bath	30.03	63	W 1	b	30.05	+03	55	52	- 3	W 1	c	+	-	67	46	9.8	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	65	50	c, b	9.4	-	Worthing	*	*	*	9.6	*
Birmingham, 9 p.m. ...	66	49	b	7.1	-	Llandudno	*	*	*	10.4	*
Lowestoft, up to 6 p.m. ...	60	51	OT	8.4	0.02	Rhyl up to 6 p.m. ...	*	*	*	10.0	*
Hastings	*	*	*	8.2	*	Southport, 9 p.m. ...	63	56	c, b	10.7	-
Eastbourne up to 6 p.m. ...	*	*	*	11.2	*	Manchester, 9 p.m. ...	70	50	sm	6.8	0.05
Brighton	*	*	*	10.1	*	Darwen, 9 p.m. ...	62	49	c, w	7.5	-

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. (measured at 7 a.m.)
	Max.	Min.				at 1 p.m.	°		
25. VII. 02					24. VII. 02				
Marseilles	84	63	b o	Ins.	Geneva	information not recd			
Utrecht	68	57	r o	0.59	Berne				
Copenhagen	59	57	r o	0.12	Lucerne				
Prague	72	52	b bc	-	Lausanne				
Vienna	68	52	b b	-	Lugano				
Buda-Pesth	*	*	*	*	Locarno				
St. Petersburg	57	46	b b	-					
Rome	84	60	b b	-					
Malta	82	73	? b	-					
* Madeira (Funchal)	*	*	*	*					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (w.e.t.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

26. VII. 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 4. 54	h. m. 11. 55	h. m. 6. 56
Greenwich	5. 4	12. 2	7. 0
Wick	4. 59	12. 14	7. 28
Valencia	5. 44	12. 43	7. 43

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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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

WEDNESDAY 27th AUGUST

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.	
		At 82° and M.S.L.	Dry Bulb.	Dirac.	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 ...	29.89	57	S	2	c	30.04	+16	54	53	+1	NW	2	b	*	-	57	52	*	-	
	Hernösand ...	29.95	55	N	2	o	30.13	+44	54	48	-2	?	2	b	*	-	56	52	*	-	
	Stockholm ...	30.01	57	W	4	b	30.16	+36	55	53	-3	Z	0	bc	*	-	64	54	*	-	
	Wisby ...	30.04	56	SW	2	b	30.13	+20	58	56	+2	Z	0	b	*	-	63	52	*	-	
	Karlstad...	30.05	56	SW	2	b	30.19	+32	53	51	-2	NE	2	bc	*	-	*	*	*	-	
	Færder (X'iania Fjord)	30.02	58	SSW	2	b	30.13	+24	54	53	-1	ENE	3	m	2	-	59	54	*	-	
	Bodö ...	30.05	49	WSW	4	o	30.22	+38	50	48	+1	Z	0	bc	1	-	52	46	*	-	
	Christiansund ...	30.07	54	W	1	b	30.14	+18	53	48	0	E	2	b	1	-	57	46	*	-	
	Skudesnaes ...	30.08	55	S	2	b	30.09	+07	51	50	-1	ENE	2	b	1	b	59	46	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.88	55	SSW	3	c	29.93	+08	55	53	+1	S	1	bc	3	bc,c	58	50	*	-	
	Stornoway ...	29.79	58	SW	4	c	29.82	+02	55	52	0	SSW	3	bc	3	o,c	62	52	7.6	-	
	Malin Head ...	29.78	60	S	5	cm	29.71	-19	59	56	+1	SE	4	bc	4	bcm,cm	63	55	*	0.02	
	Blacksod Pt. ...	29.84	60	S	3	cp	29.67	-31	60	56	+1	SE	4	cp	4	og,cp	63	55	4.7	0.33	
	Valencia...	29.84	60	S	3	cp	29.67	-31	60	56	+1	SE	4	cp	4	og,cp	63	55	4.7	0.33	
	Roche's Point ...	29.91	61	S	2	b	29.73	-29	60	58	+8	S	3	c	2	f,b	64	51	*	0.02	
	Parsonstown ...	29.86	62	SE	2	c	29.77	-23	58	55	+4	ESE	3	b	*	bc,c	68	50	9.5	-	
	Donaghadee ...	29.91	59	S	2	bc	29.84	-16	57	55	+4	S	1	b	1	-	65	52	*	-	
	Liverpool Obsy.	29.93	62	NW	1	b	29.85	-20	58	56	0	SE	2	bc	?	bm	68	55	*	-	
Holyhead ...	29.93	60	SW	1	b	29.84	-18	60	58	+1	E	1	bm	1	b	65	52	*	-		
Pembroke (St. Ann's)	29.92	60	SSW	2	b	29.81	-21	59	56	-1	SSE	4	bcw	3	-	63	52	11.6	-		
GERMANY, &c.	Scilly (St. Mary's)...	29.93	62	S	1	b	29.80	-24	62	59	0	SSE	4	bc	2	b	66	58	8.9	0.05	
	Jersey (St. Aubins)...	29.95	64	SE	3	cg	29.89	-17	61	57	-2	NE	1	bm	1	bcm,cmw	69	49	11.8	-	
	Portland Bill ...	29.96	61	WSW	1	bc	29.88	-17	60	56	-1	Z	0	b	1	bc	65	56	*	-	
	Dungeness ...	29.95	61	ENE	4	c	29.84	-19	59	58	0	NW	2	bc	1	c	67	55	*	-	
	Wick ...	29.88	59	S	2	bc	29.90	+02	53	50	-2	S	1	b	1	-	68	52	*	-	
	Nairn ...	29.85	65	W	1	b	29.86	-02	59	54	0	E	1	b	0	-	68	46	*	-	
	Aberdeen ...	29.93	58	S	2	bc	29.93	00	55	53	-5	SSE	2	o	1	b,bc	67	52	10.6	-	
	Leith ...	29.89	64	SSW	1	b	29.86	-11	58	54	0	ENE	1	bm	*	-	72	49	*	-	
	North Shields ...	29.94	59	SE	2	bc	29.88	-15	52	52	-6	Z	0	f	2	p,b,bc,f	65	48	*	0.17	
FRANCE.	Spurn Head ...	29.98	59	ESE	4	c	29.90	-17	58	57	+1	E	2	cw	1	-	63	56	*	-	
	Yarmouth ...	29.99	62	ESE	3	b	29.86	-21	59	55	0	ENE	3	bc	3	-	64	57	*	-	
	Loughborough ...	29.95	66	ESE	2	c	29.89	-20	56	55	+8	ESE	1	ogmw	*	bc,ow,p	72	48	*	0.01	
	Oxford ...	29.95	59	SE	2	o	29.88	-19	54	53	-1	S	1	af	*	bc,af,o	69	51	*	-	
	London (Brixton)	29.95	63	SE	2	o	29.87	-18	54	54	-4	Z	0	bw	*	c,bf	72	50	3.7	-	
	The Scaw (Skagan)	30.06	55	W	1	b	30.10	+18	54	53	-1	ESE	1	m	1	-	59	50	*	-	
	Fanö ...	30.10	53	Z	0	b	29.99	-09	56	54	-1	NE	4	o	*	-	63	52	*	-	
	Cuxhaven ...	30.08	59	N	2	c	29.89	-22	55	54	-3	ENE	5	f	*	-	61	55	*	0.08	
	The Helder ...	30.00	62	E	2	c	29.73	-36	59	58	-2	ENE	5	f	3	-	64	59	*	0.43	
SPAN. PEN.	Brussels...	*	*	*	*	*	29.80	-29	53	53	-5	W	3	f	*	-	65	53	*	0.79	
	Berlin ...	30.09	63	NW	2	o	29.84	-26	60	58	0	SE	2	o	*	-	66	54	*	-	
	Frankfurt ...	29.90	62	NE	2	o	29.82	-24	61	59	+2	SW	2	o	*	-	70	59	*	0.08	
	Munich ...	29.93	63	NW	2	c	29.91	-15	60	60	+2	W	5	o	*	-	70	57	*	-	
	C. Gris Nez ...	29.97	62	ENE	3	bc	29.89	-19	60	58	+3	WNW	2	bc	1	-	68	55	*	-	
	Brest ...	29.96	64	NE	2	b	29.84	-23	58	56	+3	E	3	bc	2	-	70	52	*	-	
	Lorient ...	29.89	67	NW	4	b	29.89	-08	63	60	+2	SW	1	b	*	c,b	73	57	*	-	
	Rocheport ...	29.94	65	ESE	2	c	29.92	-07	60	58	+1	SE	3	o	3	-	72	57	*	-	
	Biarritz ...	29.94	65	ESE	2	c	29.92	-07	60	58	+1	SE	3	o	3	-	72	57	*	-	
SPAN. PEN.	Paris ...	29.91	60	NE	2	o	29.89	-16	58	57	+4	SE	1	o	*	-	67	54	*	0.20	
	Belfort ...	29.88	57	ENE	2	f	29.91	-05	55	55	0	SW	4	o	*	-	60	54	*	0.43	
	Lyons ...	29.92	57	NW	5	b	30.00	+03	58	55	+3	SE	1	o	*	-	59	54	*	1.65	
	Nice ...	29.84	71	E	5	o	29.83	-05	70	63	+1	Z	0	bc	4	bc,clp	77	57	*	0.08	
	Perpignan ...	29.83	67	NW	2	c	29.94	+02	66	60	+7	SW	2	bc	*	-	70	58	*	0.43	
	Corunna ...	29.95	64	NNW	4	o	29.92	-06	65	60	0	SSW	2	o	*	-	72	63	*	-	
	Lisbon ...	29.95	64	NNW	4	o	29.92	-06	65	60	0	SSW	2	o	*	-	72	63	*	-	
	Azores (P. Delgada)	29.95	64	NNW	4	o	29.92	-06	65	60	0	SSW	2	o	*	-	72	63	*	-	
	Azores (P. Delgada)	29.95	64	NNW	4	o	29.92	-06	65	60	0	SSW	2	o	*	-	72	63	*	-	

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, 27th AUGUST, 1902

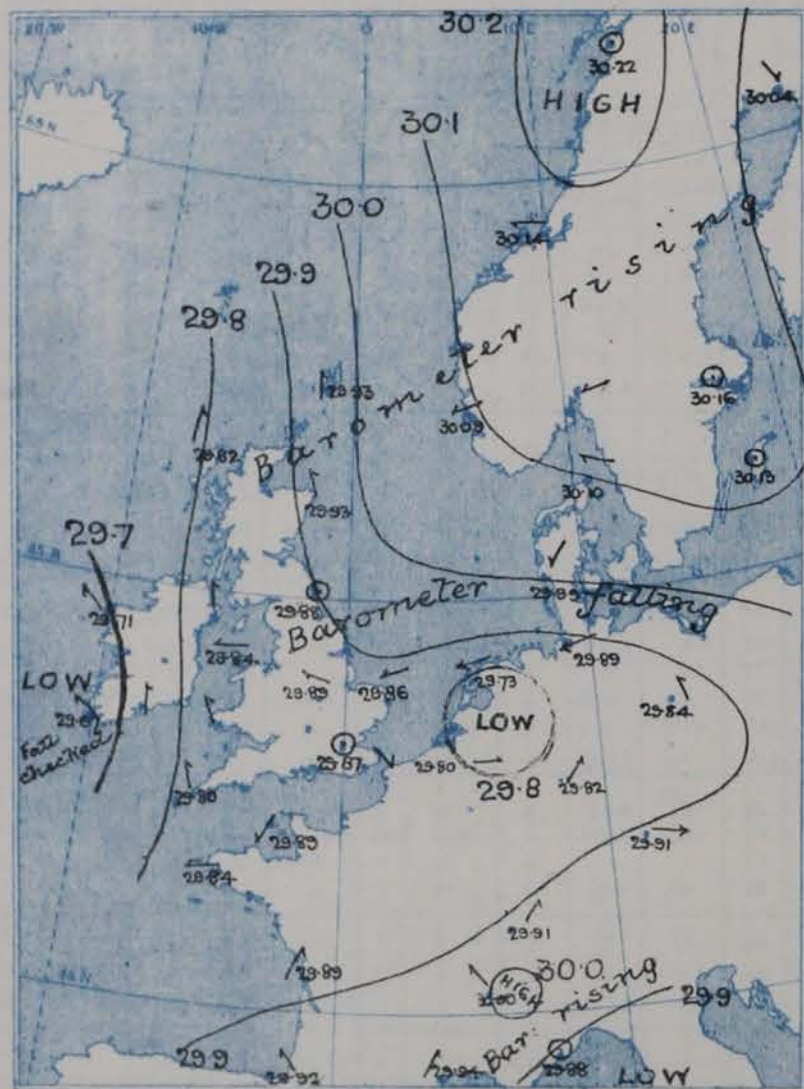
I. BAROMETER, WIND AND SEA. This Morning.

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—0.8



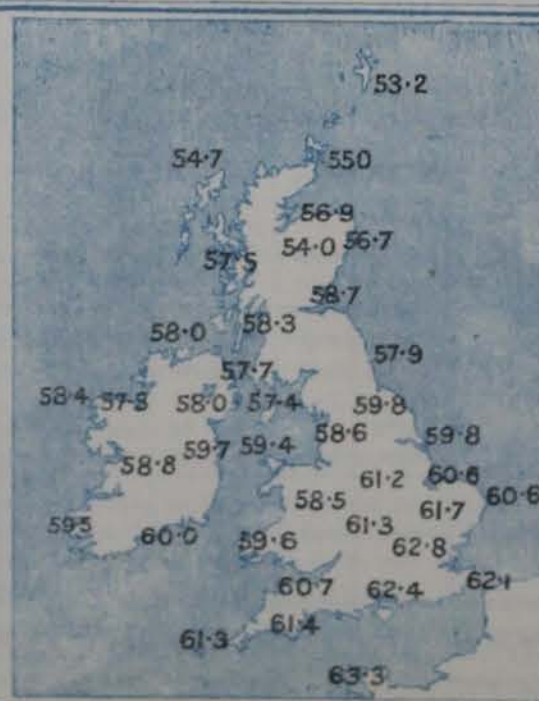
III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES

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



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning a great change has taken place in the general distribution of pressure, the barometer having become highest, 30.1 ins. to 30.2 ins., over Scandinavia, and lowest, about 29.7 ins., in disturbances over the Netherlands and off the west coast of Ireland. Pressure is still increasing within and in the immediate vicinity of the anticyclone, and also over the southern parts of France, falling over Germany and the southern portion of the North Sea and also over Ireland and the west of England.

WIND

The wind shows a complete cyclonic circulation around the disturbance over the Netherlands the East North Easterly current at Cuxhaven and the Helde being fresh. Over the western and northern parts of our Islands light or moderate Southerly and South Easterly breezes are reported, while over Norway and Sweden calms or light Easterly winds prevail.

TEMPERATURE

Temperature has changed irregularly, and now ranges from 70° at Nice to about 60° at some of our own south western and southern stations and in Germany, to 52° at Shields and to 50° at Bodö.

WEATHER

The sky is clear or partially so in most part of our area, but overcast over the Netherlands and Germany, with rain in many places. Fog or mist prevails at several English stations. The sea is moderate to smooth.

AND

SEA

The maximum temperatures over our Islands yesterday were generally below 70°, but at Loughborough and in London they were 72°. Rain fell in a few western localities and also at Shields and Loughborough, and thunder was heard at Oxford, but over the Kingdom generally the weather was dry. Considerable falls of rain were experienced over Germany, the Netherlands and at some French stations (as much as 1.65 ins. at Lyons); at Nice the rain was accompanied by thunder and lightning. Bright sunshine was again very prevalent over the major portion of the United Kingdom.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance over the Netherlands will probably move northwards or northeastwards and may cause some rain on our eastern and north eastern coasts, but over these Islands as a whole the weather is likely to remain fair, and the wind to become more easterly.

FORECASTS *

For the 24 hours ending at NOON on 28th August 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	S th and SE ^{ly} or E ^{ly} winds; fair as a whole.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	E ^{ly} or NE ^{ly} breezes, unsettled, some rain.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	Light variable winds or calms; fair as a whole, mist or fog locally.
5	{ ENGLAND SOUTH	



DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as N ^{os} 0 and 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	Wind chiefly SE ^{ly} or E ^{ly} , light or moderate. fair generally.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

WARNINGS

NONE ISSUED.

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

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

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature		Sun- shine Hrs.	Rainfall Ins.
						Dry.	Wet.	Change.					Max. °	Min. °		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	b.c.	*	b	64	55	11.1	-
Newton Reigny (Penrith) ...	29.91	60	20	c	29.86	-15	53	52	-2	SE 1	m	c, b.m.	69	47	10.0	-
Bath	29.92	66	W 2	b	29.87	-18	55	52	0	E 1	b	-	68	44	8.0	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	66	47	b, c, b, m	10.9	-	Worthing	*	*	*	8.6	*
Birmingham, 9 p.m. ...	69	46	o	9.5	-	Llandudno	*	*	*	11.9	*
Lowestoft, up to 6 p.m. ...	65	49	o	8.5	-	Rhyl up to 6 p.m. ...	*	*	*	11.0	*
Hastings	*	*	*	7.8	*	Southport, 9 p.m. ...	68	46	b	11.3	-
Eastbourne up to 6 p.m. ...	*	*	*	7.0	*	Manchester, 9 p.m. ...	74	43	b, m	7.9	-
Brighton	*	*	*	9.9	*	Darwen, 9 p.m. ...	66	46	c.m., w, o	9.4	-

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

STATIONS. 26 th AUGUST 1902	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 25 th AUGUST 1902	TEMPERATURE, F. at 1 p.m.		WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.) Ins.
	Max. °	Min. °				°	°		
Marseilles	81	64	o, f	-	Geneva	64	*	r	0.12
Utrecht	70	46	b, c, b, c	-	Berne	63	*	r	0.04
Copenhagen	63	55	o, o	0.08	Lucerne	70	*	o	-
Prague	81	55	b, c, o	-	Lausanne	?	?	?	0.16
Vienna	79	59	b, b	-	Lugano	79	*	c	-
Buda-Pesth	82	63	b, b	-	Locarno	?	?	?	?
St. Petersburg	NOT RECEIVED.								
Rome	86	63	b, b	-					
Malta	83	70	b	-					
Madeira (Funchal)	84	66	b, c	-					

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

27 th AUGUST 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.55	11.54	6.53
Greenwich	5.5	12.1	6.57
Wick	5.1	12.13	7.28
Valencia	5.45	12.42	7.40

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.

† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on THURSDAY 28th AUGUST. 1902
 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.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.	Haparanda ...	30.20	50	NW	2	b	30.27	+23	54	50	0	NE	2	b	*	-	54	48	*	-	
	Hernösand ...	30.23	49	Z	0	b	30.19	+06	55	54	+1	NE	2	o	*	-	64	48	*	-	
	Stockholm ...	30.14	56	ENE	4	o	29.98	-18	57	56	+2	ENE	4	+	*	-	63	48	*	0.04	
	Wisby ...	30.05	56	ENE	4	c	29.85	-28	57	57	-1	E	2	o	*	-	64	46	*	0.32	
	Karlstad...	30.06	58	NE	2	o	29.91	-28	52	51	-1	NE	2	+	*	-	*	*	*	0.55	
	Færder (X'ania Fjord)	30.02	61	ENE	4	o	29.82	-31	53	53	-1	ENE	6	+	3	-	61	52	*	0.79	
	Bodö ...	30.27	53	NE	2	b	30.24	+02	52	48	+2	E	2	b	1	-	54	46	*	-	
	Christiansund ...	30.09	59	ENE	1	b	29.97	-17	61	50	+8	E	1	c	1	-	63	53	*	-	
	Skudesnaes ...	30.00	56	NW	2	o	29.86	-23	53	51	+2	NNE	2	b	1	b, o	63	51	*	*	
BRITISH ISLANDS.	Sumburgh Head ...	29.96	54	SSE	2	m	29.90	-03	50	48	-5	ENE	1	o	3	bc, m	58	48	*	-	
	Stornoway ...	29.86	59	Z	0	bc	29.86	+04	53	52	-2	SSW	2	c	2	bc	66	50	10.8	-	
	Malin Head ...	29.80	59	SE	4	bm	29.86		57	57		SW	3	bc, p	2	bc, bm	67	55	*	-	
	Blacksod Pt. ...	29.76	63	SE	1	c	29.89	+18	60	56	+1	SW	3	b	2	bc, c	66	55	*	-	
	Valencia...	29.73	63	SE	3	op	29.89	+22	56	53	-4	ENE	1	b	3	c, op	67	47	5.0	0.01	
	Roche's Point ...	29.78	60	SSE	3	bc	29.88	+15	56	55	-4	NNE	3	b	1	p, c, bc	63	53	*	0.08	
	Parsonstown ...	29.78	65	SE	2	bc	29.90	+13	50	49	-8	Z	0	c	*	bc	66	41	7.9	-	
	Donaghadee ...	29.79	59	S	2	b	29.92	+08	52	52	-5	W	2	bc	1	-	62	46	*	-	
	Liverpool Obsy. ...	29.85	61	SE	1	cm	29.93	+08	54	52	-4	SSE	1	o	?	cm	68	51	*	-	
Holyhead ...	29.86	59	N	1	b	29.92	+08	57	56	-3	Z	0	f	0	bc, b	66	56	*	-		
Pembroke (St. Ann's)	29.82	61	ESE	2	bc	29.87	+06	60	57	+1	SE	3	bc, m	2	-	63	55	8.1	-		
GERMANY, &c.	Scilly (St. Mary's)...	29.75	63	SE	3	c	29.81	+01	61	59	-1	ESE	4	o	3	c	65	58	10.5	0.02	
	Jersey (St. Aubins)...	29.84	67	E	3	cg	29.88	-01	66	60	+5	ESE	3	bc, m	3	bc, cg	70	53	10.7	-	
	Portland Bill ...	29.87	61	SE	2	b	29.89	+01	62	60	+2	E	3	c	2	b	65	59	*	-	
	Dungeness ...	29.90	63	SW	2	b	29.98	+11	64	62	+5	SE	3	b	1	b	69	58	*	-	
	Wick ...	29.92	56	S	2	bc	29.87	-03	53	51	0	SE	1	m	1	-	60	50	*	-	
	Nairn ...	29.85	63	Z	0	bc	29.88	+02	52	50	-7	SW	1	m	1	-	69	41	*	-	
	Aberdeen ...	29.92	54	SE	1	c	29.89	-04	53	51	-2	SW	1	bc	1	c	59	49	3.2	-	
	Leith ...	29.86	58	ENE	2	o	29.90	+04	56	54	-2	SW	1	cm	*	-	67	50	*	0.16	
	North Shields ...	29.89	57	ESE	2	bc	29.93	+05	54	53	+2	SW	2	o	2	f, cm, bc	60	50	*	-	
FRANCE.	Spurn Head ...	29.90	58	E	4	b	29.97	+07	59	56	+1	S	4	b	3	-	63	54	*	-	
	Yarmouth ...	29.87	61	N	3	b	29.99	+13	61	56	+2	SSE	3	b	3	b	68	51	*	-	
	Loughborough ...	29.87	61	ESE	1	c	29.97	+08	51	50	-5	Z	0	b, f, w	*	cpt, b, f	71	45	*	0.02	
	Oxford ...	29.90	60	SE	2	b	29.96	+08	52	51	-2	Z	0	cm	*	b	71	45	*	-	
	London (Brixton)	29.87	62	NE	1	o	29.96	+09	57	56	+3	E	1	c	*	bc, o, bw	73	49	4.0	-	
	The Scaw (Skagen)	29.90	55	E	4	+	29.74	-36	57	57	-3	S	1	+	0	-	61	54	*	0.65	
	Fanö ...	29.75	54	NNE	3	+	29.83	-16	56	54	0	W	4	c	*	-	59	52	*	0.75	
	Cuxhaven ...	29.73	60	S	3	o	29.95	+06	56	54	+1	W	4	o	*	-	61	55	*	0.08	
	The Helder ...	29.80	59	NNW	4	o	29.99	+26	61	58	+2	WNW	1	bc	1	-	61	55	*	0.43	
SPAN. PEN.	Brussels...	*	*	*	*	+	30.04	+24	61	57	+8	ESE	1	b	*	-	67	50	*	0.04	
	Berlin ...	29.89	62	SW	1	b	30.04	+20	59	55	-1	W	3	b	*	-	68	54	*	0.04	
	Frankfurt ...	29.98	59	SW	2	b	30.08	+26	57	54	-4	E	2	b	*	-	70	52	*	-	
	Munich ...	30.04	62	E	2	b	30.13	+24	62	60	+2	SE	2	b	*	-	70	57	*	0.26	
	C. Gris Nez ...	29.96	65	Z	0	b	29.99	+10	60	57	0	SSE	1	b	1	-	68	58	*	-	
	Brest ...	29.82	64	SE	2	c	29.80	-04	59	57	+1	E	2	o	2	-	70	57	*	-	
	Lorient ...	29.85	67	S	3	bc	29.81	-07	59	59	+1	E	3	b	1	-	72	57	*	-	
	Rochefort ...	29.84	73	NE	1	c	29.83	-06	61	58	-2	ESE	4	c	*	bc, c	81	57	*	-	
	Biarritz ...	29.85	76	ESE	1	bc	29.83	-09	74	66	+14	SSE	3	c	1	-	81	60	*	-	
SPAN. PEN.	Paris ...	29.92	66	SE	2	c	30.00	+11	58	55	0	N	1	b	*	-	70	51	*	0.08	
	Belfort ...	29.92	65	WSW	2	c	30.02	+11	56	54	+1	ENE	3	m	*	-	69	50	*	-	
	Lyons ...	29.95	66	ENE	1	c	30.00	00	63	59	+5	N	1	c	*	-	75	58	*	-	
	Nice ...	29.95	68	Z	0	o	29.98	+10	69	59	-1	E	2	b	1	-	77	63	*	-	
	Perpignan ...	29.92	65	Z	0	o	29.93	-01	62	61	-4	SW	2	o	*	-	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 Thursday, 28th AUGUST, 1902

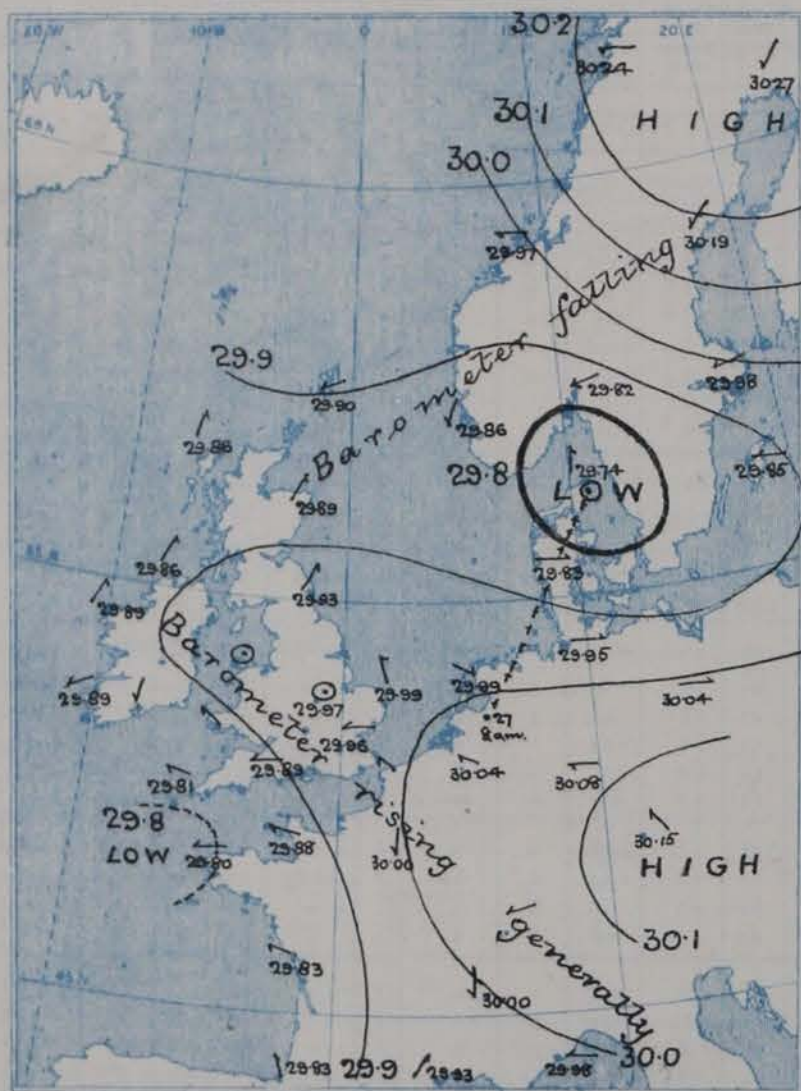
I. BAROMETER, WIND AND SEA. This Morning.

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

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

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

SEA.—Rough  High 

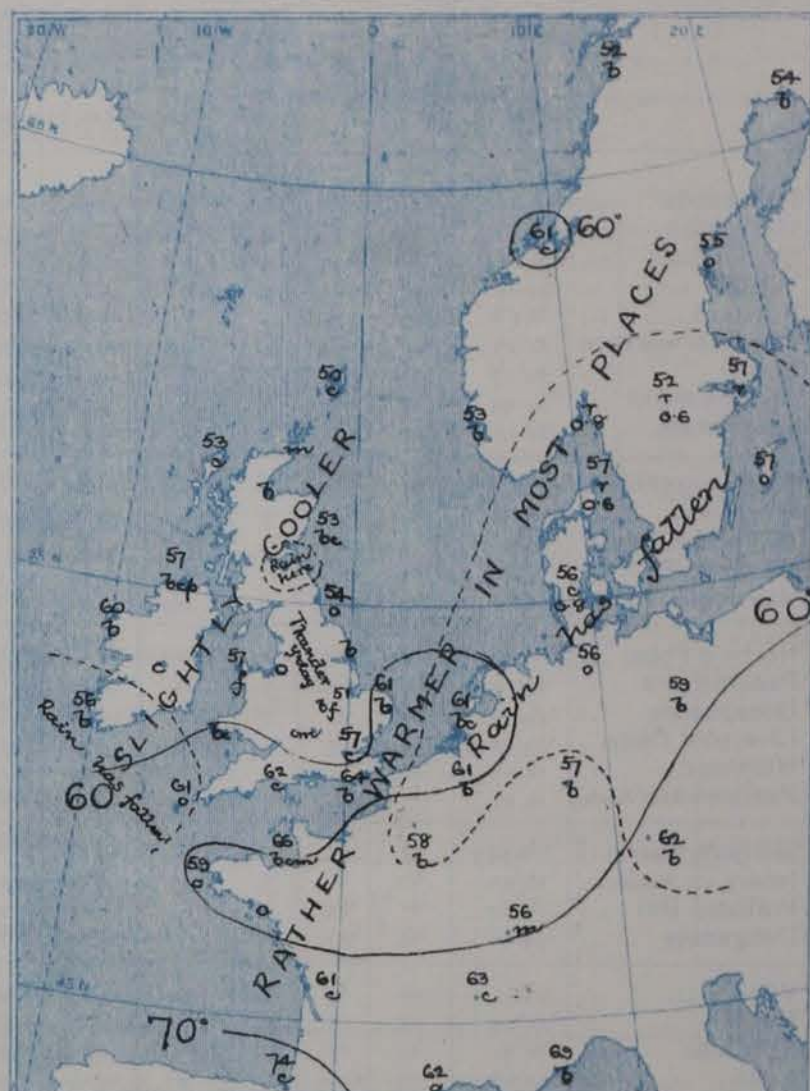


II. TEMPERATURE AND WEATHER This Morning

TEMPERATURE.—Isotherms are drawn for each 10°.

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

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



III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES

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



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The disturbance which yesterday lay over the Netherlands has travelled slowly north eastwards and now lies over the north of Denmark where the barometer is below 29.75 ins. There is apparently another cyclonic system in which the readings are about 29.8 ins. to the westward of Brittany. The mercury is still highest, above 30.2 ins, over the north of Scandinavia, but is almost as high in Bavaria. Pressure is increasing in most parts of our area, but decreasing in Norway and Sweden and in the north of Scotland, and is inclined to decrease in the west of France.

WIND

The wind again shows a complete circulation around the disturbance over Denmark, and the East North Easterly current in the south of Norway is strong in force. Over France and the south of our Islands the wind is Easterly, and over our more northern districts, Southerly or South Westerly.

TEMPERATURE

Temperature has risen over various parts of the continent but fallen at most of our own stations; it at present ranges from 74° at Biarritz to 64° at Dungeness, 61° at Christiansund, 51° at Loughborough and 50° in the Shetlands and at Farnston.

WEATHER

The weather is fair or fine in most regions, but fog or mist prevails in some British localities, showers are reported at Malin Head, and rain over the south of Scandinavia and at Skagen.

AND

The sea is slight or smooth.

SEA

The highest temperatures recorded yesterday were 81° at Biarritz and Rookfort and the highest at any of our own stations 73° in London. Heavy rain has fallen to the eastward of the North Sea and slighter amounts at Paris, over Germany and at a few stations in different parts of the United Kingdom; at Loughborough and Darwen thunder has been heard. A small whirlwind passed from south to north through St. Mary's Sound, Scilly at 5.30 p.m. Bright sunshine was again very prevalent yesterday over the Kingdom as a whole, but varied a good deal locally. At Southport and Harrogate there were only about 2 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are no indications of any decided or general change in the weather prevailing over our Islands. The Danish disturbance seems likely to continue to travel north eastwards or eastwards.

FORECASTS *

For the 24 hours ending at NOON on 29th August 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	S ^{ly} and SE ^{ly} or variable airs; Fair generally. Temperature high in daytime.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	S ^{ly} or SW ^{ly} breezes; fair. Very warm in daytime.
3	{ ENGLAND EAST	SE ^{ly} or E ^{ly} breezes; fine. Very warm in day, cool at night with local fogs.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	



DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	Same as N ^o . 0 and 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	E ^{ly} or NE ^{ly} winds, light or moderate; Fair as a whole
9	{ IRELAND NORTH	Same as N ^o . 0 and 1.
10	{ IRELAND SOUTH	N ^{ly} or NE ^{ly} winds, light: fair generally.

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	*	*	*	*	*	*	*	*	*	*	bw	*	c, bc	64	58	5.4	0.10
Newton Reigny (Penrith)	29.87	58	20	0	29.92	+0.6	52	51	-1	20	c	*	o, c	62	46	0.5	-
Bath	29.95	65	W1	b	29.98	+1.1	55	54	0	W1	f	*	-	68	48	12.1	0.01

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	66	52	d, c, o	2.2	0.09	Worthing	*	*	*	11.8	*
Birmingham, 9 p.m. ...	69	52	c	11.2	-	Llandudno	*	*	*	8.0	*
Lowestoft, up to 6 p.m. ...	60	55	c	9.6	-	Rhyl up to 6 p.m. ...	*	*	*	10.5	*
Hastings	*	*	*	12.7	*	Southport, 9 p.m. ...	66	53	ov, c, p	1.9	0.02
Eastbourne up to 6 p.m. ...	*	*	*	12.0	*	Manchester, 9 p.m. ...	71	54	o	1.9	0.15
Brighton	*	*	*	12.8	*	Darwen, 9 p.m. ...	62	52	r, emw	0.3	-

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

STATIONS. 27 TH AUGUST	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 26 TH AUGUST	TEMPERATURE, F. at 1 p.m.		WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.) Ins.
	Max. °	Min. °				°	°		
Marseilles	75	57	o, o	0.43	Geneva	61	*	r	0.83
Utrecht	68	54	o, r	0.91	Berne	61	*	m	1.26
Copenhagen	63	52	c, o	-	Lucerne	63	*	o	1.42
Prague	72	59	c, m	-	Lausanne	?	*	?	1.02
Vienna	81	63	c, b	-	Lugano	77	*	bc	-
Buda-Pesth	84	64	c, b	-	Locarno	?	*	?	-
St. Petersburg	59	52	bc, o	0.24					
Rome	85	50	b, bc	-					
Malta	81	73	b	-					
Madeira (Funchal)	81	64	c, 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.

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

28 TH AUGUST, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	h. m. 4.57	h. m. 11.54	h. m. 6.51
Greenwich	5.7	12.1	6.55
Wick	5.4	12.13	7.22
Valencia	5.47	12.42	7.38

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.

† Except at Oxford, where the observations are taken at 8 p.m.

for 8 a.m. on FRIDAY 29TH AUGUST 1902
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

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

WEATHER CHARTS

FOR Friday 29th August, 1902

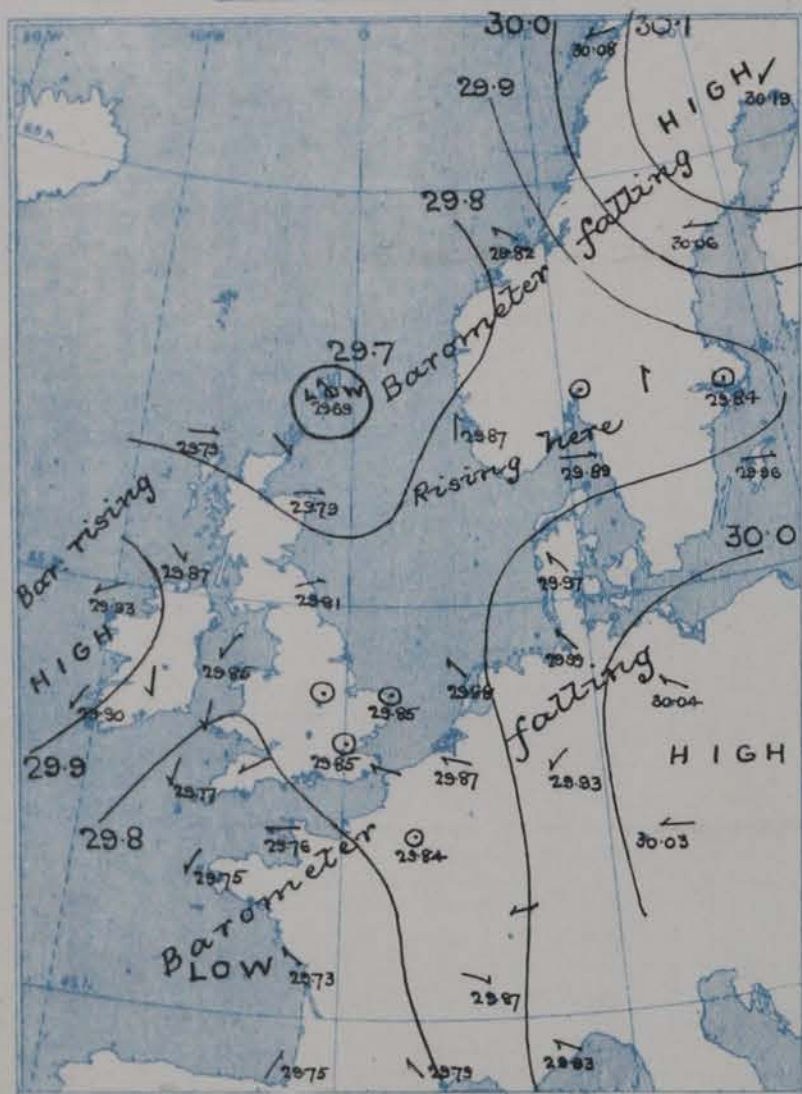
I. BAROMETER, WIND AND SEA. This Morning

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. 1)

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



III. BAROMETER AND WIND

Yesterday morning



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES

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



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure over northwestern Europe is now very complex. The barometer is highest, above 30 ins., in the north of Scandinavia, but is above 30 ins. over the eastern parts of Germany, and above 29.9 ins. over the extreme west of Ireland. The lowest readings are found in a disturbance over the Shetlands where they are less than 29.7 ins., but they are below 29.8 ins. in another system over our south west coasts, the west of France and the Bay of Biscay, and very little above it over the south of Sweden.

WIND

The wind is consequently very variable in direction; it is, however, mostly from ^{Some} Northerly or Easterly point, except in Scotland and the south west of France, where it is respectively, Westerly and South Westerly; in force it is light or moderate.

TEMPERATURE

Temperature has risen in most localities and is now high for the time of year over England and the south of Scotland. It ranges from 67° at Dungeness to 60° over central England and at Leith, and to 51° at Wick. At the continental stations it varies from 72° at Nice to 65° at Munich, 57° at Stockholm and 48° at Haparanda.

WEATHER

The weather is fair over the greater part of our area, but rainy in the north of Scotland and showery at Jersey. Over Sweden and also in the south of France the sky is overcast.

AND

SEA

The sea is slight or smooth generally.

During yesterday the temperature over our Islands was higher than of late; at Oxford it rose to 72°, at Jersey to 75° and in London to 77°. A sharp thunderstorm was experienced at Spurn Head and thunder was heard over central England and at some Scotch stations. A thunderstorm occurred also at Biarritz. Rain has fallen over our western and northern districts and in various parts of the continent. Bright sunshine was again very prevalent, except in the north west of England.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in pressure at present in progress are rather undecided and irregular, but it appears probable that the low pressure area in the south will extend northwards, and this may be expected to cause less settled weather over England.

FORECASTS *

For the 24 hours ending at NOON on 30th August 1902

DISTRICTS.

FORECASTS.

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

N^{ly} winds, light; some rain at first, improving later.

Light variable airs; warm, fair as a whole, but rain and thunder probable locally.

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} airs; fair and warm generally.

N^{ly} and NE^{ly} winds, light or moderate, changeable, some thundershowers.

N^{ly} breezes, fair generally.

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.	°			Ins.	Change.	Dry.	Wet.	Change.				Max.	Min.	Hrs.	
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	bw	*	67	61	10.9	-
Newton Reigny (Penrith) ...	29.82	61	20	m	29.83	-.09	53	52	+1	NW 1	m	om, bn	68	45	6.0	-
Bath	29.89	69	W 1	o	29.82	-.16	61	58	+6	NE 3	o	-	73	7	8.3	-

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	65	46	m, d, c	2.6	0.10	Worthing	*	*	*	8.0	*
Birmingham, 9 p.m. ...	65	49	b	2.4	-	Llandudno	*	*	*	4.2	*
Lowestoft, up to 6 p.m. ...	67	46	b, c	8.5	-	Rhyl up to 6 p.m. ...	*	*	*	1.8	*
Hastings	*	*	*	12.5	*	Southport, 9 p.m. ...	69	49	om, b	1.6	-
Eastbourne up to 6 p.m. ...	*	*	*	12.5	*	Manchester, 9 p.m. ...	74	46	om	2.0	-
Brighton	*	*	*	10.7	*	Darwen, 9 p.m. ...	66	48	t, c, v, w	1.1	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. (measured at 7 a.m.)
	Max. °	Min. °				at 1 p.m. °	(p.m.)		
28 TH AUGUST					27 TH AUGUST				
Marseilles	77	59	a, o	Ins.	Geneva	70		bc	0.75
Utrecht... ..	64	46	c, b	0.04	Berne	64		o	—
Copenhagen... ..	59	54	r, f	0.39	Lucerne	72		bc	—
Prague	77	61	bc, f	—	Lausanne... ..	?		?	0.28
Vienna	86	66	b, o	—	Lugano	68		f	0.91
Buda-Pesth	NOT IN.				Locarno	?		?	1.02
St. Petersburg	59	48	o, b	0.04					
Rome	87	66	b, b	—					
Malta	84	75	f	—					
Madeira (Funchal)	NOT IN.								

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

	Hours of Morning Observations by Local Standard Time.		Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.		Corresponding Greenwich Times.	29 th August, 1909.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 p.m.	Yarmouth	h. m.	h. m.	h. m.		
Germany, Denmark, Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4.59	11.54	6.49		
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	5.9	12.1	6.53		
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	5.7	12.13	7.19		
Portugal	8 a.m. (Lisbon)	8.36 a.m.				5.49	12.42	7.36		

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† Except at Oxford, where the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on

SATURDAY 30th AUGUST

1902.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.	TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.			
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.			Force (0 to 12.)	Max.			Min.		
		Ins.					Ins.	Ins.	°	°											
SCANDINAVIA.	Haparanda ...	30.13	47	NNE	2	0	30.16	-0.03	49	46	+1	NE	4	0	*	-	54	45	*	-	
	Hernösand ...	30.09	50	E	4	0	30.08	+0.02	51	47	0	E	2	0	*	-	57	48	*	-	
	Stockholm ...	29.89	56	NE	2	+	29.97	+0.13	65	54	-2	E	4	0	*	-	61	54	*	0.04	
	Wisby ...	29.88	56	W	2	b	29.95	+0.00	57	54	+2	2	0	c	*	-	61	52	*	-	
	Karlstad ...	29.71	54	SW	2	0	29.89	+0.07	54	53	-2	NW	2	0	*	-	5	5	*	-	
	Færder (X'iania Fjord)	29.85	57	SW	4	0	29.83	+0.01	57	57	0	SSE	2	+	1	-	59	55	*	0.04	
	Bodö ...	30.01	51	ESE	2	b	30.04	-0.04	50	45	-5	ESE	4	b	2	-	63	48	*	-	
	Christiansund ...	29.84	53	W	2	bc	29.80	-0.02	52	49	-3	SW	4	+	3	-	55	48	*	0.04	
Skudesnaes ...	29.85	57	SW	4	0	29.80	-0.07	53	51	0	S	2	c	2	0	55	48	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.66	49	Z	0	0	29.78	+0.09	49	47	-3	NW	3	0	3	T.O	53	45	*	0.52	
	Stornoway ...	29.79	54	WNW	2	0	29.86	+0.07	50	49	-1	N	1	ow	1	0	58	46	3.1	0.03	
	Malin Head ...	29.87	57	NW	4	b	29.85	-0.02	55	53	0	N	2	bc	2	bc, b	58	50	*	-	
	Blacksod Pt. ...	29.90	58	NNE	3	b	29.85	-0.08	55	52	-2	ESE	3	bc	2	b	60	51	*	-	
	Valencia ...	29.86	61	NNE	2	b	29.81	-0.09	55	53	-2	E	1	og	4	b	63	47	9.8	-	
	Roche's Point ...	29.84	61	SW	1	b	29.85	-0.02	54	52	-4	N	2	0	1	c, b	65	49	*	-	
	Parsonstown ...	29.85	63	NW	1	b	29.86	-0.03	48	47	-6	N	1	b	*	b	65	38	10.2	-	
	Donaghadee ...	29.83	56	NNE	3	bc	29.85	-0.03	54	51	0	NNE	3	bw	2	-	61	45	*	-	
Liverpool Obsy.	29.82	58	NNW	2	bc	29.78	-0.07	56	52	-5	NNE	1	b	0	bc	65	52	*	-		
Holyhead ...	29.84	57	NNE	3	bc	29.80	-0.05	55	52	-3	NNE	3	bc	2	b, bc	59	52	*	-		
Pembroke (St. Ann's)	29.72	60	NNE	5	c	29.76	-0.04	57	54	-3	NNE	5	cg	3	-	65	53	1.7	-		
GERMANY, &c.	Scilly (St. Mary's)...	29.73	62	N	4	c	29.80	+0.03	60	57	-1	N	4	c	3	c, l	64	57	12.1	-	
	Jersey (St. Aubins)...	29.62	73	NNE	3	bc	29.70	-0.06	65	61	0	NNW	3	cm	3	bc, bc, l	79	62	6.3	0.05	
	Portland Bill ...	29.69	67	ESE	3	c	29.65	-0.14	60	58	-5	N	4	mp	3	bc, c	68	58	*	0.03	
	Dungeness ...	29.68	67	ENE	4	bc	29.61	-0.22	59	58	-8	N	3	p	2	b, bc	71	59	*	0.08	
	Wick ...	29.74	53	NW	4	0	29.83	+0.08	53	51	+2	NW	3	0	2	-	58	48	*	0.10	
	Nairn ...	29.79	55	SW	2	c	29.83	+0.05	54	50	+2	SW	1	c	1	-	61	47	*	-	
	Aberdeen ...	29.80	56	NNW	1	bc	29.83	+0.04	53	50	-2	NW	2	c	1	bc	63	43	9.0	-	
	Leith ...	29.81	69	W	2	b	29.83	+0.02	53	49	-7	Z	0	bm	*	-	67	45	*	-	
North Shields ...	29.82	57	ESE	2	bc	29.80	-0.01	52	50	-3	N	3	bm	2	c, bc	61	46	*	-		
FRANCE.	Spurn Head ...	29.79	58	E	4	m	29.74	-0.11	55	54	-6	N	5	c	3	-	63	54	*	-	
	Yarmouth ...	29.75	65	ENE	3	b	29.63	-0.22	61	58	-2	NNE	5	og	4	b	67	59	*	-	
	Loughborough ...	29.78	64	NE	1	om	29.76	-0.09	54	52	-6	N	2	cm	*	om, p, om	65	54	*	0.04	
	Oxford ...	29.72	63	NW	1	c	29.72	-0.11	56	54	-6	N	1	r	*	c, p	74	55	*	0.05	
	London (Brixton)	29.70	71	NW	2	bc	29.66	-0.19	60	56	-3	NE	3	0	*	b, o	81	58	7.8	-	
	The Scaw (Skagoe) ...	29.86	57	SSE	1	0	29.81	-0.08	57	57	+1	Z	0	r	0	-	64	55	*	0.04	
	Fanö ...	29.87	57	Z	0	b	29.73	-0.24	58	57	+1	SE	2	l, r	*	-	66	57	*	0.24	
	Cuxhaven ...	29.85	67	E	2	b	29.62	-0.37	59	56	+4	SE	4	o, l, r	*	-	72	55	*	0.35	
The Helder ...	29.74	65	NE	2	b	29.56	-0.32	62	62	-2	E	2	r	1	-	72	61	*	0.67		
SPAN. PEN.	Brussels ...	*	*	*	*	*	29.64	-0.23	61	57	-3	SSE	4	c	*	-	81	57	*	0.12	
	Berlin ...	29.89	68	SE	3	b	29.79	-0.25	65	60	+6	SE	2	c	*	-	75	57	*	-	
	Frankfurt ...	29.72	71	Z	0	c	29.78	-0.15	64	60	+2	SW	2	b	*	-	68	62	*	0.32	
	Munich ...	29.83	67	E	3	b	29.92	-0.11	66	62	+1	SW	2	c	*	-	77	59	*	-	
	C. Gris Nez ...	29.71	68	NE	3	b	29.63	-0.25	62	62	-4	SSW	3	r	3	-	77	61	*	0.26	
	Brest ...	29.67	65	N	2	0	29.79	+0.04	58	57	-4	N	4	0	2	-	73	57	*	-	
	Lorient ...	29.59	62	N	4	b	29.74	-0.01	61	61	-2	NW	4	m	4	-	77	61	*	0.16	
	Rochefort ...	29.56	64	SSW	5	+	29.75	+0.02	66	64	-1	WNW	4	c	*	-	77	61	*	1.06	
Biarritz ...	29.78	66	WSW	4	c	29.92	+0.17	66	62	+1	SW	5	r	4	-	66	61	*	1.10		
SPAN. PEN.	Paris ...	29.65	69	SE	2	0	29.57	-0.27	59	59	-1	S	1	0	*	-	82	57	*	0.26	
	Belfort ...	29.67	70	Z	0	0	29.79	-0.09	60	57	-3	NNE	2	bc	*	-	77	54	*	0.12	
	Lyons ...	29.74	68	SSW	2	c	29.84	-0.03	65	59	+2	S	3	b	*	-	78	56	*	0.26	
	Nice ...	29.92	66	E	2	c	29.96	+0.03	66	63	-6	Z	0	bc	1	-	73	61	*	1.38	
	Perpignan ...	29.75	72	NE	2	b	29.87	+0.08	63	61	-6	NE	2	b	*	-	86	55	*	0.32	
	Corunna ...																	*			
	Lisbon ...																	*			
	Azores (P. Delgada)	30.29	66	WNW	1	b	30.25	-0.07	69	63	+3	WSW	4	c	2	-	75	64	*	-	

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 30th AUGUST, 1902

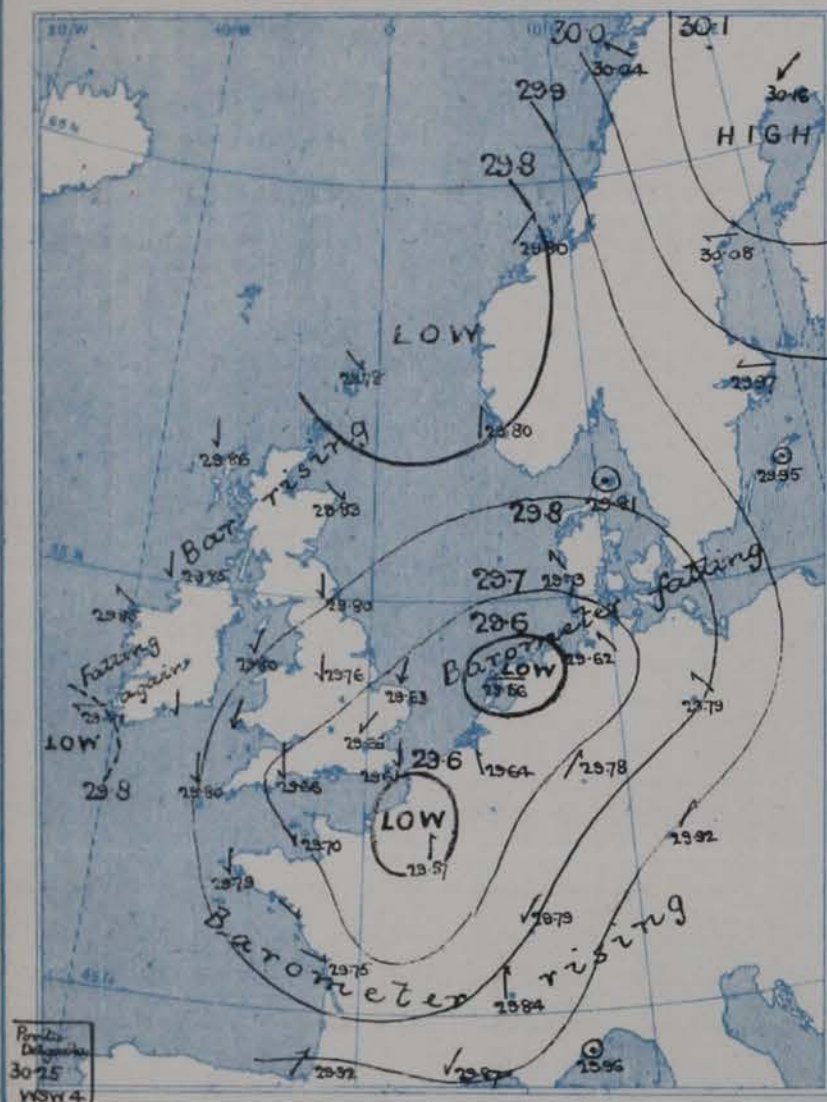
I. BAROMETER, WIND AND SEA. This Morning.

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

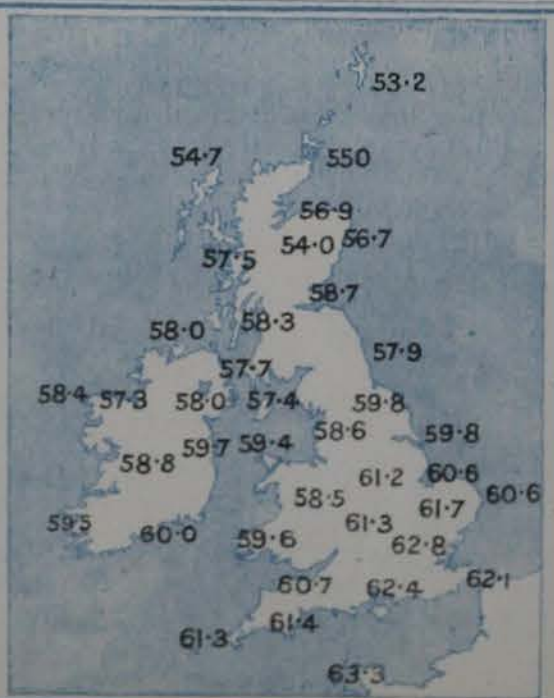


III. BAROMETER AND WIND

Yesterday morning.



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



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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning a cyclonic disturbance has travelled northeastwards from the Bay of Biscay, and developed two distinct minima which now lie over Holland and the north east of France and in which the barometer is about 29.55 ins. Readings of 29.8 ins. and less are shown in two other disturbances - one off the west of Norway, and the other off the south west of Ireland. The mercury is highest, 30.1 ins. and upwards, over the north of Sweden. Pressure is decreasing decidedly over Denmark and Germany and a fresh fall has commenced in the west of Ireland.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind shows a complete circulation around the baric minima noted above, being moderate from South East or East over Denmark and at the Helder, Northwesterly or North Easterly, light or moderate, over England, North Westerly over the west of France, and South Westerly at Frankfort. Over Scotland the wind is light and chiefly North Westerly and in Ireland variable or Easterly.

Temperature has fallen several degrees in most parts of our area, and now ranges from about 66° or 65° in some French and German localities and 60° at Scilly, Portland Bill, and in London is less than 55° at most of our other stations and over northern Europe to 49° in the Shetlands and at Newton Reigny and to 48° over central Ireland.

The weather, although still fine and bright in a few places, has become cloudy or dull generally, with rain in different parts of France, showers on our own southern coasts and thunderstorms over north Germany and Denmark. Rain is also falling on the west coast of Norway. The sea is moderate to smooth.

During yesterday the thermometer recorded a maximum reading of 81° in London, 79° at Jersey, and 74° at Oxford and the minima during the night were mostly high over England. At Parsloesdown, however, temperature fell to 38°. More than an inch of rain has fallen in several parts of France and smaller amounts on the eastern and southern shores of the North Sea and at some of our southern and extreme northern stations. Lightning has occurred at Scilly and Jersey. Much bright sunshine was again recorded yesterday over the United Kingdom.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The complex disturbance will probably continue to move northeastwards and is not likely to have any great influence on the weather over our Islands as a whole, but the fresh fall of the barometer in Ireland seems to indicate the approach of a disturbance from the westward so that the conditions are likely to remain unsettled generally.

FORECASTS *

For the 24 hours ending at NOON on 31st August 1902

DISTRICTS.

FORECASTS.

0	{ SCOTLAND NORTH	{ N ^{ly} and NW ^{ly} to variable breezes; cloudy or dull, some showers.
1	{ SCOTLAND EAST	{ Cool.
2	{ ENGLAND N.E.	{ N ^{ly} winds, light or moderate; cool,
3	{ ENGLAND EAST	{ cloudy or dull generally, some rain
4	{ MIDLAND COUNTIES	{ locally, perhaps thunder.
5	{ ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	{ Same as N ^{os} 0 and 1.
7	{ ENGLAND N.W.	{ N ^{ly} to variable winds; fair at first,
8	{ ENGLAND S.W.	{ probably some rain later.
9	{ IRELAND NORTH	{ SE ^{ly} or E ^{ly} winds; changeable,
10	{ IRELAND SOUTH	{ 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	*	*	*	*	*	*	*	*	*	*	0	*	b	70	57	12.0	-
Newton Reigny (Penrith)	29.81	56	NW 1	c	29.79	-0.4	49	47	-4	W 1	c	*	o. bc	64	39	6.3	-
Bath	29.70	68	W 2	b	?	?	57	56	-4	N 1	o	*	-	73	56	3.5	0.20

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	68	50	m. c	4.1	0.04	Worthing	*	*	*	10.8	*
Birmingham, 9 p.m. ...	70	54	o	0.0	-	Llandudno	*	*	*	6.7	*
Lowestoft, up to 6 p.m. ...	68	59	c	11.1	-	Rhyl up to 6 p.m. ...	*	*	*	8.8	*
Hastings	*	*	*	11.7	*	Southport, 9 p.m. ...	66	49	d. o	11.0	-
Eastbourne up to 6 p.m. ...	*	*	*	12.0	*	Manchester, 9 p.m. ...	66	58	o	0.1	0.05
Brighton	*	*	*	12.6	*	Darwen, 9 p.m. ...	67	51	owm	6.3	-

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

STATIONS. 29 TH AUGUST	TEMPERATURE, F.		WEATHER.	RAIN.	STATIONS. 28 TH AUGUST	TEMPERATURE, F. at 1 p.m. °	WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.)
	Max. °	Min. °						
Marseilles	82	68	o, o	Ins.	Geneva	68	o	—
Utrecht... ..	72	50	bc, bc	—	Berne	72	c	0.16
Copenhagen... ..	63	52	o, bc	0.04	Lucerne	77	c	—
Prague	75	59	bc, b	—	Lausanne	?	?	—
Vienna	77	63	b, o	—	Lugano	79	bc	1.10
Buda-Pesth	NOT RECEIVED.			—	Locarno	?	?	1.38
St. Petersburg	66	48	o, o	—				
Rome	90	68	b, o	—				
Malta	85	73	b	—				
Madeira (Funchal)	NOT RECEIVED.							

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon) ...	8.36 a.m.		

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

31 st AUGUST, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	h. m.	h. m.	h. m.
Yarmouth	5.0	11.54	6.47
Greenwich	5.10	12.1	6.51
Wick	5.9	12.13	7.16
Valencia	5.50	12.42	7.34

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.

† Except at Oxford, where the observations are taken at 6 p.m.

DAILY WEATHER REPORT

for 8 a.m. on SUNDAY 31ST AUGUST.

1902

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine Hours	Rainfall Ins.		
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Max.	Min.				
		Ins.					Ins.	Ins.	°	°											
SCANDINAVIA.	Haparanda ...	30.17	41	NE	2	b	30.21	+05	47	45	-2	SE	4	b	*	-	54	39	*	-	
	Hernösand ...	30.04	50	NE	2	o	29.97	-11	50	49	-1	NE	6	o	*	-	57	48	*	-	
	Stockholm ...	29.91	54	E	4	o	29.77	-20	57	57	+2	ESE	6	+	*	-	59	50	*	-	
	Wisby ...	29.73	55	E	2	c	29.75	-20	59	57	+2	S	2	o	+	-	63	50	*	-	
	Karlstad...	29.76	53	NE	4	+	29.57	-32	56	55	+2	S	2	o	*	+	*	*	77		
	Færder (X'iania Fjord)	29.69	55	E	4	+	29.64	-19	54	51	-3	NW	2	b	1	-	57	52	*	1.18	
	Bodö ...	29.98	51	ESE	2	b	29.99	-05	51	47	+1	SE	2	c	2	-	55	?	*	-	
	Christiansund ...	29.73	53	Z	0	b	29.80	00	54	53	+1	NNW	4	o	2	b	57	48	*	*	
BRITISH ISLANDS.	Skudesnaes ...	29.73	53	Z	0	b	29.80	00	54	53	+1	NNW	4	o	2	b	57	48	*	*	
	Sumburgh Head	29.77	48	NW	2	o	29.80	+02	49	45	0	WSW	2	o	3	o	51	45	*	-	
	Stornoway ...	29.84	54	E	3	o	29.79	-07	51	51	+1	Z	0	o	0	c, o	60	48	2.6	-	
	Malin Head ...	29.81	58	N	1	b	29.78	-07	53	52	-2	S	1	bc	1	bc, b	62	49	*	-	
	Blacksod Pt. ...	29.77	60	SE	1	bc	29.77	-08	57	55	+2	SW	3	c	2	bc	62	48	*	-	
	Valencia...	29.73	56	E	3	tg	29.78	-03	52	51	-3	Z	0	bw	3	op, rg	61	45	0.0	0.05	
	Roche's Point ...	29.79	57	SE	3	ou	29.76	-09	54	53	0	N	3	c	3	o, ou, r	58	51	*	0.36	
	Parsonstown ...	29.77	61	NE	1	c	29.78	-08	52	50	+4	NW	1	c	*	bc, c	64	47	9.7	-	
GERMANY, &c.	Donaghadee ...	29.81	56	NNE	2	bc	29.80	-05	54	53	0	Z	0	og	0	-	59	45	*	-	
	Liverpool Obsy.	29.79	58	WNW	1	o	29.81	+03	54	52	-2	SE	3	c	3	om	62	52	*	-	
	Holyhead ...	29.80	57	N	2	b	29.78	-02	57	55	+2	Z	0	cm	0	bc, b	58	52	*	-	
	Pembroke (St. Ann's)	29.76	58	N	4	bc	29.72	-04	56	55	-1	E	4	+	4	bc, d, m, l	62	52	3.9	0.15	
	Scilly (St. Mary's)...	29.80	61	SE	1	o	29.71	-09	61	60	+1	WSW	5	m	4	c, o	63	57	3.3	0.13	
	Jersey (St. Aubins)...	29.87	63	W	4	of	29.86	+16	63	62	-2	SSW	4	org	3	of, rg	67	57	3.2	0.25	
	Portland Bill ...	29.80	62	Z	0	omg	29.77	+12	60	60	0	SSW	4	tm	3	om, omg	67	56	*	0.38	
	Dungeness ...	29.81	62	SSE	2	og	29.94	+33	59	58	0	SW	3	+	2	o, og	67	58	*	0.07	
FRANCE.	Wick ...	29.82	50	NW	2	o	29.85	+02	51	49	-2	E	3	o	1	-	54	47	*	-	
	Nairn ...	29.81	55	E	2	c	29.82	-01	52	51	-2	Z	0	c	0	-	62	40	*	-	
	Aberdeen ...	29.83	52	E	1	bc	29.85	+02	55	51	+2	SW	2	bc	1	q, bc	56	48	0.8	-	
	Leith ...	29.81	56	ENE	1	b	29.83	00	55	52	+2	E	1	bc	*	-	64	43	*	-	
	North Shields ...	29.83	54	NE	2	bc	29.87	+07	51	50	-1	Z	0	om	1	bc	67	47	*	-	
	Spurn Head ...	29.82	56	NNE	4	c	29.89	+15	57	55	+2	ESE	3	c	2	-	60	50	*	-	
	Yarmouth ...	29.76	60	N	4	cg	29.87	+24	59	56	-2	SE	4	c	3	cg	62	56	*	-	
	Loughborough ...	29.82	57	WNW	1	o	29.86	+10	53	52	-1	E	1	ogmw	*	omg, mp	61	53	*	0.02	
SPAN. PEN.	Oxford ...	29.85	56	NE	1	+	29.82	+10	57	55	+1	SE	1	og	*	og, r	61	52	*	0.05	
	London (Brixton)	29.75	61	NNE	2	og	29.85	+19	60	57	0	SE	1	o	*	o, p, o	66	56	0.0	0.02	
	The Scaw (Skagen)	29.68	57	E	3	+	29.69	-12	56	54	-1	WNW	3	m	0	-	59	54	*	1.26	
	Fanö ...	29.65	57	WNW	2	o	29.85	+12	56	51	-2	WNW	3	c	*	-	59	54	*	0.99	
	Cuxhaven ...	29.63	65	NW	1	o	29.89	+27	59	57	0	NW	2	c	*	-	71	51	*	0.04	
	The Helder ...	29.67	60	N	2	o	29.89	+33	59	54	-3	NE	1	o	0	-	63	57	*	1.58	
	Brussels...	*	*	*	*	*	29.95	+31	60	59	-1	SSW	1	+	*	-	66	56	*	0.04	
	Berlin ...	29.71	66	SW	2	o	29.87	+08	62	60	-3	W	2	+	*	-	72	61	*	0.39	
SPAN. PEN.	Frankfurt ...	29.79	63	S	2	o	29.99	+21	63	60	-1	SW	2	bc	*	-	72	59	*	0.29	
	Munich ...	29.93	67	W	5	bc	30.12	+20	64	59	-2	W	6	bc	*	-	73	59	*	0.06	
	C. Gris Nez ...	29.85	59	NNE	3	o	29.91	+28	60	60	-2	SSW	4	o	3	-	68	57	*	0.20	
	Brest ...	29.89	62	W	2	+	29.85	+06	62	62	+4	SW	2	o	3	-	66	57	*	0.12	
	Lorient ...	?	65	NW	3	c	29.91	+17	63	63	+2	WSW	4	o	3	-	77	59	*	0.51	
	Rochefort ...	29.97	67	NW	5	bc	30.00	+25	63	63	-3	SSW	5	+	*	bc	50	62	*	0.08	
	Biarritz ...	30.10	68	WNW	3	bc	30.08	+16	63	60	-3	SSE	3	bc	3	-	72	59	*	0.16	
	Paris ...	29.84	66	NW	2	c	29.99	+42	59	58	0	SW	2	o	*	-	73	57	*	-	
SPAN. PEN.	Belfort ...	29.88	62	WSW	3	+	30.04	+25	59	59	-1	WSW	3	o	*	-	79	57	*	0.12	
	Lyons ...	29.96	69	SSW	1	bc	30.09	+25	64	61	-1	SW	1	c	*	-	78	57	*	-	
	Nice ...	29.95	69	SW	5	c	30.06	+10	65	58	-1	Z	0	bc	0	-	77	59	*	-	
	Perpignan ...	29.99	68	W	1	o	30.07	+20	66	62	+3	SW	1	b	*	-	82	59	*	-	
SPAN. PEN.	Corunna ...	30.08	68	WNW	3	o	30.05	+01	64	62	+2	SSW	3	o	2	-	72	50	*	-	
	Lisbon ...	30.13	66	NW	3	b	30.12	+02	65	60	-1	NNW	4	o	*	-	72	61	*	-	
	Azores (P. Delgada)	30.10	71	SW	3	o	30.12	-13	69	68	0	W	3	m	2	-	75	68	*	0.24	

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 31st AUGUST, 1902

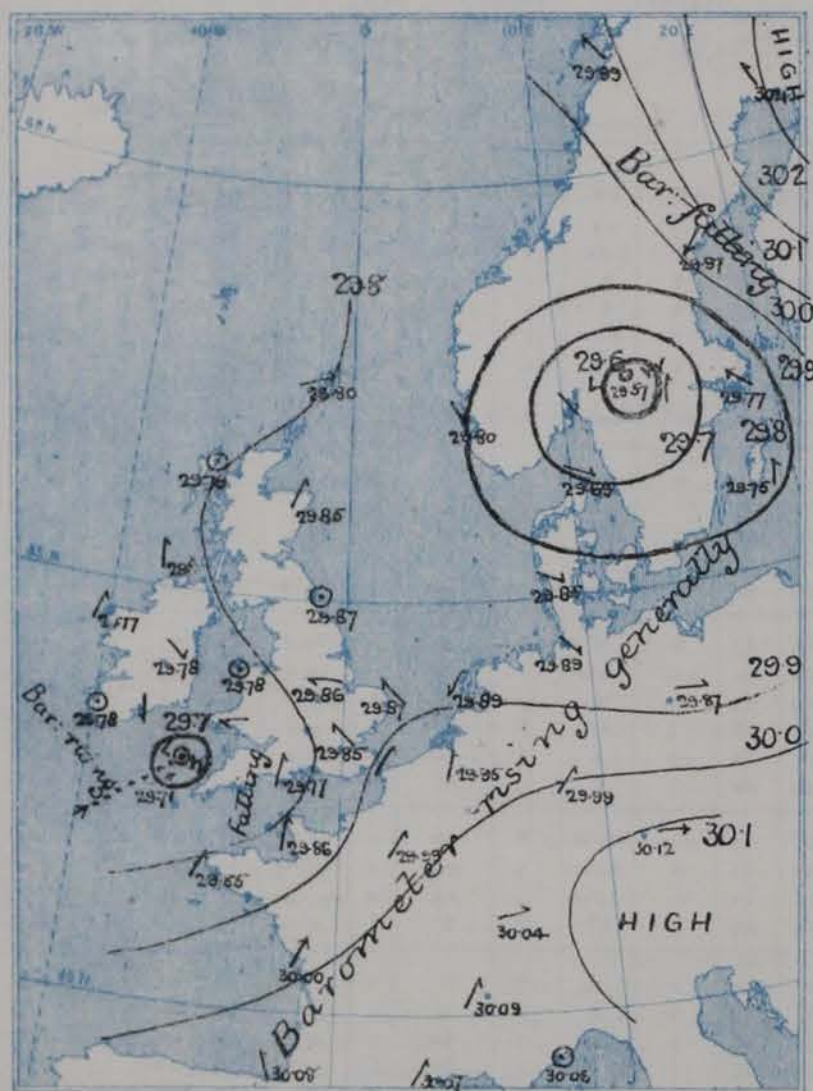
I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force about 10 → : Force 5 to 7 → : Calm ⊙
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough High

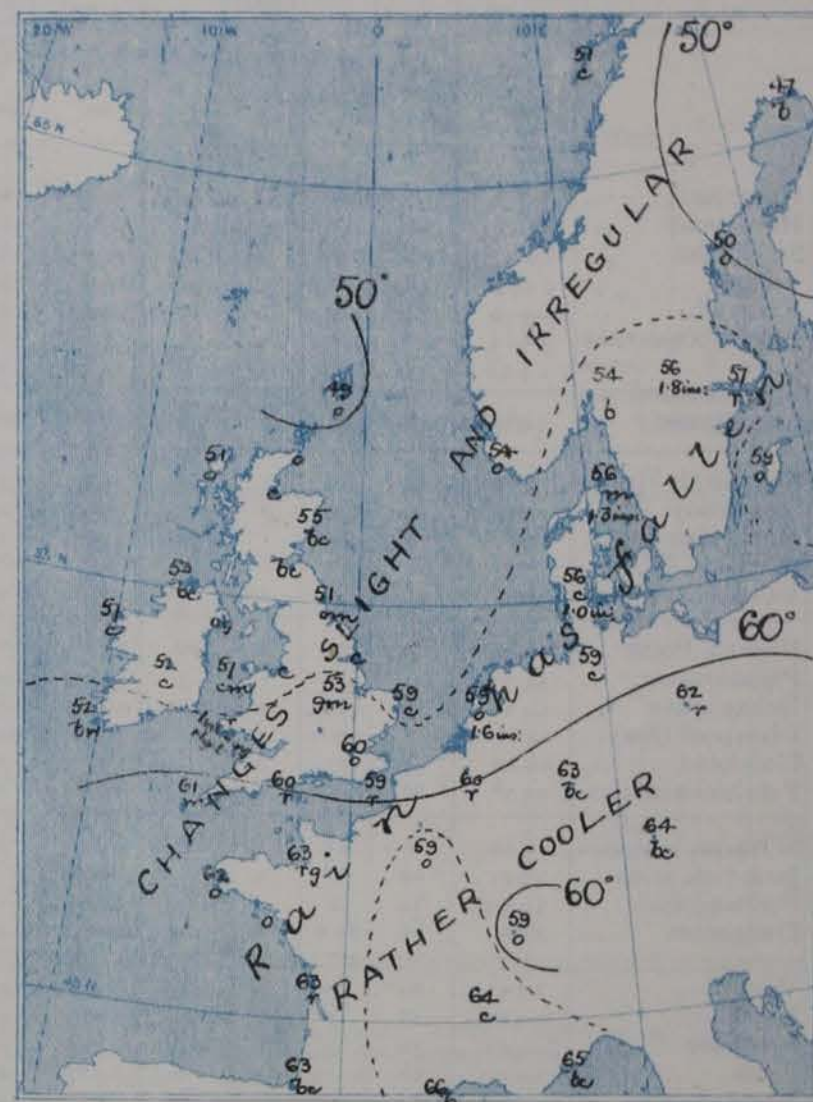


II. TEMPERATURE AND WEATHER. This Morning

TEMPERATURE.—Isotherms are drawn for each 10°.

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

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



III. BAROMETER AND WIND

Yesterday morning.



IV. Averages of DAILY MAXIMUM and MINIMUM TEMPERATURES

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



V. Means of DAILY TEMPERATURE

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

The complex depression noticed over the Netherlands and north-east of France has travelled northwards to the south of Sweden; its centre being now found near Karlstad, where the barometer has fallen slightly below 29.6 ins. A new disturbance has in the meantime spread over our own western coast from the southwards, the lowest pressures in those regions, about 29.7 ins. being at present found over the Bristol Channel. The highest readings 30.2 ins. and upwards are reported over England, but the barometer is also high, 30.1 ins. and upwards, over Portugal and over South Germany.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is light to fresh from the SWnd over the Channel and France, and light from the End or SEnd over the eastern and central parts of Great Britain; in Ireland it is rather variable. A separate cyclonic circulation is reported round the northern depression, the wind being moderate to strong from the End or SEnd in Sweden, but NW in Denmark and the south of Norway and W in Germany. Temperature has changed very little since yesterday, and is in fair agreement with the average for the time of year. In our Islands the readings range from 63° at Jersey, 61° at Sally, and 60° in London and at Portland Bill to 55° or less over the northern parts of the Kingdom generally and to only 49° at Lumbagh Head. At the Continental stations the readings range from 66° at Perpignan and 65° at Nice and Arson to 50° at Hanover and 47° at Hamburg. The weather is in a cloudy unsettled state over Western Europe generally, with rain in the south of England and at Stockholm, Berlin, Brussels, and Rochefort; in the extreme south of France the sky is clear or nearly so. The sea is slight or smooth generally, but moderate at Pembroke and Scilly.

During yesterday the thermometer rose to 65° or slightly above it in the extreme south of England, and to 70° and upwards in France and Germany; on many parts of our western and northern it failed to reach 60°, and at Lumbagh Head it did not exceed 51°. The amount of Bright Sunshine was generally small, but was rather large at some of our western and northern stations.

Rain fell over nearly the whole of England, the south of Ireland, and the western part of the Continent, the amount being as large as 1.8 ins. at Karlstad, 1.6 ins. at the Hilder, and 1.3 ins. at the Soaw; lightning was seen last night at Pembroke.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS *

For the 24 hours ending at NOON on 1ST SEPTEMBER 1902

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- shine.	Rainfall
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max.	Min.	Hrs.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	o	*	o.c	66	56	3.0	-
Newton Reigny (Penrith)																
Bath	29.75	56	N 1	o	29.78 +0.5	54	54	-3	N 1	r	*	-	60	75.3	0.0	0.11

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, up to 6 p.m. ...	64	50	d.c	9.8	-	Worthing	*	*	*	3.2	*
Birmingham, 9 p.m. ...	62	53	o	0.0	0.60	Llandudno	*	*	*	7.5	*
Lowestoft, up to 6 p.m. ...						Rhyl up to 6 p.m. ...	*	*	*		*
Hastings	*	*	*	1.0	*	Southport, 9 p.m. ...	65	47	b.d.c	8.9	-
Eastbourne up to 6 p.m. ...	*	*	*		*	Manchester, 9 p.m. ...	69	54	c.b	3.9	-
Brighton	*	*	*		*	Darwen, 9 p.m. ...					

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

STATIONS. 30 th AUGUST	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 29 th AUGUST	TEMPERATURE, F. at 1 p.m.	WEATHER. 1 p.m.	RAIN. (measured at 7 a.m.) Ins.
	Max.	Min.						
Marseille	79	64	c.o	0.20	Geneva	68	o	0.08
Utrecht	82	61	c.c	0.35	Berne	72	c	0.08
Copenhagen	64	54	b.c.o	-	Lucerne	73	b.c	0.24
Prague	81	59	b.f	-	Lausanne	?	?	0.04
Vienna	75	64	b.c	-	Lugano	75	o	-
Buda-Pesth	82	68	o.b.c	-	Locarno	?	?	?
St. Petersburg	57	48	o.o	-				
Rome	93	70	o.c	-				
Malta	93	79	f	-				
Madeira (Funchal)	NOT RECEIVED							

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium, Holland	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)†	6 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	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.		

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

31 st AUGUST, 1902.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	5.12	11.53	6.44
Greenwich	5.12	12.0	6.48
Wick	5.11	12.12	7.13
Valencia	5.52	12.41	7.31

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.

† Except at Oxford, where 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.			BAROMETER.		TEMPERATURE.			WIND.					TEMP.				
							At 8 ³⁰ and M.S.L.	Dry Bulb.	Dirac. (0 to 12).	Force (0 to 12).	Weather.	At 8 ³⁰ Fabr. and M.S.L.	Change since Yester- day.				Dry Bulb.	Wet Bulb.			Change since Yester- day.
		Ins.	°				Ins.	Ins.	°	°	°									Hours.	Ins.
1	Corunna	30.06	64	NW	4	bc	30.07	- .04	63	60	+ 2	N	1	bc	0	-	68	57	-	-	
"	Lisbon	30.01	67	NNE	3	b	30.00	- .10	69	62	+ 1	NW	3	b	0	-	82	63	-	-	
"	P. Delgada	30.31	66	N	3	b	30.30	+ .02	68	63	+ 1	NNW	3	b	0	-	73	64	-	-	
2	Brussels	"	"	"	"	"	30.00	- .16	53	50	- 2	NNW	1	r	0	-	66	51	-	-	
"	Corunna	30.07	66	N	4	c	30.19	+ .12	62	59	- 1	N	3	f	0	-	68	55	-	-	
"	Lisbon	30.04	66	NW	4	b	30.06	+ .06	67	61	- 2	NNW	4	b	0	-	75	63	-	-	
"	P. Delgada	30.34	66	NE	3	b	30.30	00	66	64	- 2	N	4	e	0	-	73	63	-	-	
3	Newton Reigny	29.76	57	SW	3	c	29.75	- .08	53	51	+ 1	WSW	2	o	0	-	62	49	1.7	0.22	
4	Corunna	30.07	64	N	2	f	30.00	- .13	60	57	+ 6	SSW	3	o	0	-	68	54	-	-	
5	Corunna	29.96	65	SSW	3	o	30.00	00	69	66	+ 9	SW	3	o	0	-	77	60	-	-	
"	Lisbon	30.02	65	NNW	5	b	30.04	+ .03	68	63	+ 2	N	4	o	0	-	77	64	-	-	
"	P. Delgada	30.00	70	WSW	4	r	29.96	- .11	68	67	- 2	SSW	4	m	0	-	72	68	-	0.32	
6	Corunna	29.99	78	SW	1	bc	29.92	- .08	68	63	-	S	4	o	0	-	78	61	-	-	
"	Lisbon	30.03	67	NNW	4	b	30.02	- .02	68	63	0	N	3	bc	0	-	81	63	-	-	
"	P. Delgada	30.04	67	NNE	4	bc	30.08	+ .12	69	64	+ 1	NE	3	b	0	-	73	64	-	-	
7	Corunna	29.95	67	W	3	o	30.04	+ .12	64	61	- 4	W	1	o	0	-	81	59	-	-	
"	Lisbon	30.00	67	NNW	5	b	30.04	+ .02	69	64	+ 1	N	3	bc	0	-	81	66	-	-	
"	P. Delgada	30.15	65	NNE	3	b	30.13	+ .05	67	64	- 2	N	3	o	0	-	73	61	-	-	
8	Corunna	30.02	66	NNW	4	bc	30.08	+ .04	63	60	- 1	W	3	o	0	-	72	57	-	-	
9	Corunna	30.15	65	NNW	1	b	30.19	+ .11	61	57	- 2	NNW	1	m	0	-	68	55	-	-	
"	Lisbon	30.05	66	NNW	5	b	30.05	00	71	62	+ 3	N	4	b	0	-	77	61	-	-	
"	P. Delgada	30.04	68	S	2	bc	30.00	00	68	66	- 1	SE	3	o	0	-	72	66	-	0.08	
10	Newton Reigny	30.06	55	SW	2	o	29.97	- .08	51	47	0	NNW	3	o	0	-	61	50	5.3	0.04	
11	Corunna	30.19	70	N	3	f	30.27	+ .12	63	59	0	NNE	3	b	0	-	81	57	-	-	
"	Lisbon	30.09	66	NNW	4	b	30.09	+ .02	71	63	+ 2	N	4	bc	0	-	81	63	-	-	
12	Corunna	30.27	64	N	4	b	30.27	00	61	58	- 2	N	3	bc	0	-	81	66	-	-	
"	P. Delgada	30.16	71	ESE	4	o	30.13	00	71	69	+ 1	SSE	4	o	0	-	75	70	-	-	
13	Corunna	30.07	65	WSW	4	b	30.13	- .14	56	54	- 5	N	1	f	0	-	66	50	-	-	
"	Lisbon	30.08	72	NW	5	b	30.07	- .03	74	61	+ 1	N	3	b	0	-	86	66	-	-	
"	P. Delgada	30.17	71	SW	3	c	30.16	+ .03	71	70	0	SSW	4	bc	0	-	75	70	-	-	
14	Corunna	30.10	66	N	4	bc	30.04	- .09	61	59	+ 5	N	1	f	0	-	68	55	-	-	
"	Lisbon	30.07	64	N	2	b	30.05	- .02	64	59	- 10	NNW	4	c	0	-	86	61	-	-	
"	P. Delgada	30.14	68	WNW	2	b	30.20	+ .14	71	67	0	WSW	4	bc	0	-	77	66	-	-	
15	Nice	29.94	66	Z	0	b	29.98	+ .04	66	58	+ 2	NW	1	bc	0	-	77	57	-	-	
"	Corunna	30.07	63	NW	1	bc	29.92	- .12	57	55	- 4	NW	1	f	0	-	64	52	-	-	
"	Lisbon	30.00	63	NNW	4	b	?	?	64	58	0	ENE	2	bc	0	-	79	63	-	-	
"	P. Delgada	29.91	66	NW	3	b	29.80	- .50	67	63	- 4	WSW	4	o	0	-	75	66	-	0.04	
16	Spencer Head	29.90	60	ESE	3	bc	29.85	- .16	59	57	0	NNW	3	cm	2	-	66	57	-	-	
"	Corunna	29.91	65	NW	3	f	29.84	- .08	62	59	+ 5	SW	3	bc	0	-	70	57	-	-	
"	Lisbon	29.92	67	NNW	3	b	29.93	?	68	63	+ 4	SSW	2	bc	0	-	79	63	-	-	
"	P. Delgada	29.88	66	NNW	3	b	29.90	+ .10	68	65	+ 1	WSW	4	c	0	-	73	64	-	-	
17	Newton Reigny	29.75	60	SE	1	o	29.73	- .10	54	52	0	SE	2	o	0	-	72	49	5.5	-	
18	Corunna	30.02	77	SSW	3	o	30.00	00	68	63	+ 4	E	3	o	0	-	79	61	-	-	
"	Lisbon	30.06	68	NNW	4	b	30.06	- .04	69	64	+ 5	N	2	b	0	-	79	63	-	-	
"	P. Delgada	29.89	68	NW	2	o	29.96	+ .03	66	62	- 4	NNW	2	b	0	-	73	63	-	0.43	
19	Lisbon	29.97	73	NNW	5	b	30.02	- .04	72	66	+ 3	NW	3	b	0	-	88	66	-	-	
"	P. Delgada	30.08	66	Z	0	b	30.11	+ .15	68	64	+ 2	N	2	bc	0	-	73	63	-	-	
20	Corunna	30.01	68	WNW	3	bc	30.15	-	63	61	-	NNW	1	f	0	-	72	57	-	-	
"	Lisbon	30.05	71	NW	3	b	30.07	+ .05	72	68	0	NE	3	bc	0	-	81	66	-	-	
"	P. Delgada	30.21	65	NNE	2	b	30.25	+ .14	68	63	0	NNE	2	bc	0	-	73	63	-	-	
21	Nice	29.83	68	SW	2	c	29.95	+ .01	70	-	- 4	Z	0	c	0	-	82	61	-	-	
"	Corunna	30.18	66	NW	3	b	30.19	+ .04	58	56	- 5	NW	1	f	0	-	?	?	-	-	
22	Corunna	30.18	70	N	3	b	30.15	- .04	63	60	+ 5	N	1	f	0	-	70	57	-	-	
"	Lisbon	30.04	79	NNW	5	b	30.06	- .01	77	83	+ 5	NNE	2	bc	0	-	90	71	-	-	
"	P. Delgada	30.25	65	N	1	b	30.21	- .05	67	63	+ 3	Z	0	bc	0	-	75	61	-	-	
23	Lorient	30.19	70	Z	0	c	30.13	- .13	62	?	+ 3	Z	0	bc	0	-	77	57	-	-	
"	Corunna	30.10	67	N	1	b	30.15	00	64	63	+ 1	NW	1	f	0	-	77	58	-	-	
"	Lisbon	30.09	78	N	4	b	30.10	+ .04	74	59	- 3	N	3	bc	0	-	93	68	-	-	
"	P. Delgada	30.22	69	ENE	2	b	30.19	- .02	69	65	+ 2	NNE	5	bc	0	-	75	66	-	-	
24	Corunna	30.14	65	NNW	1	o	30.07	- .08	58	54	- 8	NNW	1	o	0	-	75	62	-	-	
"	Newton Reigny	29.79	56	W	2	o	29.75	- .02	63	58	+ 5	SW	2	bc	0	-	68	51	5.7	0.02	
25	Corunna	30.14	66</																		

REPORTS FOR AUGUST 1902.

2. CORRECTIONS.

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 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).				Max.	Min.		
		Inch.	°				Inch.	Inch.	°	°	°								Hours.	Inch.
1.	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-
"	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-	-	-
2.	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-
"	Bath	-	-	-	-	-	-	-	52	-	-	-	-	-	-	-	-	-	-	0.05
3.	Blacksod Pt.	-	-	-	-	-	-	-	56	-	-2	-	-	-	-	-	-	-	-	-
"	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02
"	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	bcp	-	-	-	-	11.9	-
4.	Pembroke	-	-	-	-	-	-	-	-	-	-	NW	-	-	-	-	-	-	-	-
5.	Sumburgh Head.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-
"	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-
"	Holyhead	-	-	-	-	-	29.94	+08	-	-	-	-	-	-	-	-	-	-	-	-
6.	Bath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	-
8.	Dungeness	-	-	-	-	-	-	-	-	-	-	W	-	-	-	-	-	-	-	-
"	Nairn	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-
"	Bath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-
9.	Parsonstown	-	-	-	-	-	30.25	+28	-	-	-	-	-	-	-	-	-	-	-	-
"	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	-
"	Spurn Head	29.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Bath	-	-	-	-	-	-	-	58	53	-1	-	-	-	-	-	-	-	-	-
11.	Newton Reigny	-	-	-	-	-	-	-	-	-	-	-	-	-	c, b, or	-	62	-	-	-
12.	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.	Malin Head	-	-	-	-	-	-	-	56	-	+1	-	-	-	-	-	-	-	-	-
14.	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	-
"	Bath	29.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15.	Donaghadee	-	-	-	-	-	-	-	55	-	-	-	-	-	-	-	-	-	-	-
16.	Donaghadee	-	-	-	-	-	-	-	-	-	-	SSW	-	-	-	-	-	-	-	-
"	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-
17.	Malin Head	-	-	-	-	-	-	-	-	-	-	E	4	-	-	-	-	-	-	-
"	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-
"	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	cg, bl, g	-	54	-	-	-
"	Berlin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	-	-
18.	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	be, com, bc	-	54	-	7.5	-
"	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Oxford	-	-	-	-	-	29.78	-	-	-	-	-	-	-	-	-	-	-	-	-
19.	Scilly	-	-	-	-	-	-	-	61	-	-	-	-	-	-	-	-	-	-	-
"	Loughborough.	-	-	-	-	-	-	-	-	-	-	WSW	-	-	-	-	-	-	-	-
20.	Holyhead	-	-	-	-	-	-	-	-	-	-	WSW	-	-	-	-	-	-	-	-
"	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	cgq	-	-	-	-	-	-
"	Jersey	-	-	-	-	-	-	-	60	-	-	-	-	-	-	-	-	-	-	-
"	Leith	29.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	-
23.	Wick	29.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25.	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06
"	Leith	-	-	-	-	-	-	-	-	-	-	SW	-	-	-	-	-	-	-	-
"	Spurn Head	-	-	-	-	-	29.93	-	-	-	-	-	-	-	-	-	-	-	-	-
28.	London	-	-	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Bath	-	-	-	-	-	29.93	+16	-	-	-	-	-	-	-	-	-	-	-	-
29.	Liverpool	-	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Portland Bill	29.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Bath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-
30.	Bath	-	-	-	-	-	29.73	-09	-	-	-	-	-	-	-	-	-	-	-	-
31.	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
"	Bath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-