

METEOROLOGICAL OFFICE.

---

DAILY WEATHER REPORTS.

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1ST JULY TO 31ST DECEMBER, 1901.



# DAILY WEATHER REPORT.

July to December 1901.





# 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.	Years.	Minimum.	Years.	1871- 1900.	1866-1900.	Hours.	Per cent. of possible.
Sumburgh Head ..	(Inches.) 29.806	53.4	51.7	57.6	48.3	70	1897	37	1888	17	(Inches.) 2.33	—	—
Stornoway .....	29.822	55.5	53.7	60.3	49.1	76	1894	32	1888	21	2.97	140.8	26
Malin Head .....	29.873	56.1	54.0	61.0	53.6	—	—	—	—	—	—	—	—
Blackod Point ..	29.914	57.8	55.2	62.4	53.8	—	—	—	—	—	—	—	—
Valencia .....	29.960	59.2	56.6	64.0	53.8	80	1878	42	1898	20	3.95	154.4	31
Roche's Point ....	29.957	59.0	56.1	65.8	53.7	84	1876	45	1888	15	3.00	—	—
Parsonstown .....	29.937	58.1	55.0	66.4	51.7	89	1876	37	1889	17	2.95	139.2	28
Donaghadee .....	29.904	57.4	55.5	63.5	52.1	81	1876	40	1883	18	2.83	—	—
Liverpool .....	29.927	59.5	56.6	66.0	54.3	89	1873	44	1877	16	2.77	—	—
Holyhead .....	29.932	58.3	56.0	63.8	54.1	83	1894	43	1888	16	2.46	—	—
Pembroke .....	29.956	58.2	56.2	62.7	54.9	80	1878	45	1888	14	2.42	205.3	42
Scilly .....	29.987	60.5	58.3	64.9	56.5	75	1888	48	1875	16	2.29	—	—
Jersey .....	30.015	62.5	59.1	68.6	56.5	90	1873	46	1877, 97	13	2.30	244.2	51
Dungeness .....	29.965	61.9	58.6	67.0	56.1	82	1900	40	1890	12	1.62	—	—
Wick .....	29.835	56.0	53.7	61.8	48.9	81	1876	30	1886	18	2.54	—	—
Nairn .....	29.838	56.9	53.7	64.5	50.3	86	1876	37	1886, 97, 98	17	2.68	—	—
Aberdeen .....	29.852	57.6	53.8	63.7	50.7	86	1876	38	1888	18	2.82	165.9	32
Leith .....	29.887	58.6	55.0	66.6	51.4	90	1876	41	1887, 88, 92	16	2.76	—	—
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, 85	18	3.25	—	—
Stornoway .....	29.794	55.1	53.5	60.2	49.1	75	1897, 99	33	1888	21	3.66	131.3	28
Malin Head .....	29.839	56.4	54.3	61.8	54.1	—	—	—	—	—	—	—	—
Blackod Point ..	29.878	58.1	55.5	62.7	54.1	—	—	—	—	—	—	—	—
Valencia .....	29.929	59.6	57.1	64.7	54.3	81	1899	42	1890	22	4.96	152.7	34
Roche's Point ....	29.932	59.1	56.6	65.7	54.2	80	1880	44	1883	16	3.94	—	—
Parsonstown .....	29.917	57.4	55.2	65.9	51.6	82	1893, 99, 1900	35	1885, 87	18	3.87	139.5	31
Donaghadee .....	29.881	57.1	55.5	62.8	52.5	78	1899	38	1886	19	3.30	—	—
Liverpool .....	29.908	58.8	55.3	65.8	54.3	85	1876, 84, 93, 99	44	1885	17	2.96	—	—
Holyhead .....	29.909	58.6	56.3	64.0	54.8	83	1893	45	1888	16	3.02	—	—
Pembroke .....	29.932	58.9	56.8	63.3	55.8	78	1874, 99	47	1885, 88	16	2.91	193.8	43
Scilly .....	29.962	61.2	59.0	65.3	57.1	75	1893, 99	50	1885, 90, 95	17	2.49	—	—
Jersey .....	29.995	63.2	59.8	69.1	57.4	89	1893	45	1890	14	2.48	244.8	50
Dungeness .....	29.953	62.1	58.9	67.5	56.6	80	1887, 94	39	1890	13	1.81	—	—
Wick .....	29.814	55.5	53.5	61.4	48.6	85	1893	30	1886	18	2.61	—	—
Nairn .....	29.817	56.0	53.2	63.9	49.9	86	1899	33	1885, 91	18	2.68	—	—
Aberdeen .....	29.835	56.7	53.5	63.1	50.2	81	1880, 82, 99	33	1885	18	3.03	153.3	33
Leith .....	29.848	57.7	54.6	66.0	51.4	85	1893	37	1874	16	3.72	—	—
Shields .....	29.871	57.3	54.7	64.0	51.8	83	1893	39	1892	16	2.83	—	—
Spurn Head .....	29.904	59.1	56.8	64.7	55.0	87*	1893	46*	1887, 90, 1900	15	1.87	—	—
Yarmouth .....	29.929	60.6	57.6	66.3	54.8	85	1893	42	1876, 85	14	2.26	—	—
Loughborough ..	29.935	59.1	56.2	70.4	52.0	91*	1893	38*	1885, 87, 88	14	2.46	—	—
Oxford .....	29.954	58.9	56.0	69.4	53.0	90	1876	39	1892	13	2.38	185.7	42
LONDON .....	29.961	61.0	57.4	71.9	53.7	96	1876	39	1887, 90	13	2.30	185.9†	37†
Sumburgh Head ..	29.783	50.8	49.1	54.9	46.2	69	1898	34	1887, 88	20	3.48	—	—
Stornoway .....	29.806	51.5	50.2	56.7	45.7	72	1898	32	1871, 75, 85	21	4.17	107.4	28
Malin Head .....	29.864	53.7	51.4	58.5	51.1	—	—	—	—	—	—	—	—
Blackod Point ..	29.905	55.3	52.9	59.8	51.6	—	—	—	—	—	—	—	—
Valencia .....	29.963	56.6	54.2	61.9	51.4	79	1898	35	1899	19	4.34	133.1	36
Roche's Point ....	29.966	55.8	53.7	61.9	51.3	74	1880	39	1893	14	3.62	—	—
Parsonstown .....	29.947	52.9	51.0	61.9	47.3	79	1880, 98	39	1899	17	2.92	129.2	35
Donaghadee .....	29.913	53.7	52.4	60.1	49.3	74	1898	36	1882, 94, 99	17	2.80	—	—
Liverpool .....	29.944	54.8	52.1	61.5	50.9	82	1880	39	1885	16	3.12	—	—
Holyhead .....	29.939	55.9	53.7	60.8	52.3	78	1880	43	1873, 85, 97	16	3.04	—	—
Pembroke .....	29.962	56.4	54.2	60.4	53.2	74	1895	40	1885	16	3.24	148.3	40
Scilly .....	29.983	58.8	56.6	62.4	54.9	73	1899	41	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
Dungeness .....	29.981	58.0	55.5	64.0	53.0	78	1898, 99	32	1885	14	2.53	—	—
Wick .....	29.822	52.1	50.3	58.0	45.7	78	1898	29	1885, 87	19	2.70	—	—
Nairn .....	29.835	51.6	49.4	59.7	45.9	83	1898	25	1892	17	2.54	—	—
Aberdeen .....	29.856	52.5	49.9	59.4	46.6	81	1898	30	1887	17	2.87	124.0	33
Leith .....	29.880	53.5	50.9	62.1	47.5	83	1893	33	1886	15	2.19	—	—
Shields .....	29.905	53.2	51.1	60.4	48.3	81	1898	34	1885, 89, 93	14	2.20	—	—
Spurn Head .....	29.941	55.7	53.8	60.9	52.4	79*	1899	36*	1892	14	1.80	—	—
Yarmouth .....	29.956	56.5	54.3	62.4	51.3	78	1880, 98	33	1885	15	2.57	—	—
Loughborough ..	29.970	53.5	51.7	65.5	47.5	90*	1898	29*	1898	14	2.44	—	—
Oxford .....	29.985	54.0	52.1	64.8	48.8	90	1898	33	1885	13	2.39	144.2	39
LONDON .....	29.991	55.8	53.4	66.8	49.7	91	1898	30	1877	13	2.21	116.0†	31†

\* Extremes of temperature at these Stations are from observations made during the 20 years—1881-1900.

† The Sunshine values are for Westminster.



## 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.	Years.	Minimum.	Years.	Days with Rain.	Total Fall.	Hours.	Per cent. of possible.
Sumburgh Head ..	29.721	45.9	44.3	40.8	41.6	61	1898	26	1875	24	(Inches.) 4.43	—	—
Stornoway .....	29.752	45.4	44.4	51.1	40.8	70	1898	26	1880	24	5.31	87.0	28
Malin Head .....	29.803	48.4	46.3	52.6	45.6	—	—	—	—	—	—	—	—
Blacksod Point ..	29.851	49.5	46.6	54.1	45.9	—	—	—	—	—	—	—	—
Valencia .....	29.885	51.0	48.9	50.4	46.3	69	1898	28	1892	22	5.61	104.4	32
Roche's Point .....	29.886	50.1	48.3	55.8	46.0	65	1880, 84, 86	32	1881	16	4.21	—	—
Parsonstown .....	29.883	45.5	44.0	54.7	40.5	69	1898	22	1880	18	3.06	99.9	31
Donaghadee .....	29.843	47.8	46.5	53.7	43.5	66	1898	21	1892	18	3.14	—	—
Liverpool .....	29.872	47.7	45.6	53.8	44.5	72	1898	27	1895	18	3.52	—	—
Holyhead .....	29.863	50.2	48.1	54.7	46.9	71	1886	32	1892	20	4.33	—	—
Pembroke .....	29.880	51.2	49.2	54.9	47.9	66	1872, 1886	33	1895	20	4.14	104.9	32
Scilly .....	29.897	53.8	51.7	56.9	50.1	69	1895	33	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
Dungeness .....	29.908	50.4	48.6	56.6	46.2	70	1886	25	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	1884	16	2.09	—	—
Shields .....	29.836	46.9	45.2	53.4	42.2	69	1898	27	1890, 92, 95	17	2.75	—	—
Spurn Head .....	29.837	48.9	47.4	53.6	45.6	70*	1900	33*	1887, 95	16	2.34	—	—
Yarmouth .....	29.884	49.2	47.6	54.4	44.6	74	1900	27	1895	18	2.98	—	—
Loughborough ..	29.897	45.4	44.2	55.8	40.8	77*	1886	20*	1890	17	2.76	—	—
Oxford .....	29.916	46.1	44.8	55.6	42.1	76	1886	22	1873	15	2.76	102.7	32
LONDON .....	29.918	47.6	46.0	56.8	42.9	80	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	18
Malin Head .....	29.773	44.3	42.5	48.3	41.2	—	—	—	—	—	—	—	—
Blacksod Point ..	29.819	45.7	43.7	49.7	41.7	—	—	—	—	—	—	—	—
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 .....	29.838	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	—	—
Donaghadee .....	29.838	43.9	42.7	48.8	39.7	60	1894	27	1878, 83	19	3.12	63.8	25
Liverpool .....	29.883	43.0	41.2	48.3	40.0	63	1872	22	1880	17	2.71	—	—
Holyhead .....	29.865	46.2	44.4	50.0	43.0	62	1881	29	1880	20	3.96	—	—
Pembroke .....	29.890	47.4	45.7	50.6	43.9	58	1884, 95, 97, 99	28	1890	20	3.94	60.9	24
Scilly .....	29.911	50.3	48.3	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
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	1890, 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	—	—
Shields .....	29.844	42.8	41.2	48.0	38.4	62	1881, 94	20	1880	17	2.33	—	—
Spurn Head .....	29.874	43.8	42.5	47.5	40.7	61*	1894, 95	28*	1884	17	2.19	—	—
Yarmouth .....	29.898	43.7	42.5	48.0	39.5	60	1895, 98, 99	23	1890	19	2.78	—	—
Loughborough ..	29.910	40.9	39.7	48.6	37.0	64*	1900	19*	1887, 93	17	2.14	—	—
Oxford .....	29.928	41.6	40.4	48.8	37.9	68	1881	19	1871, 87	15	2.30	56.4	22
LONDON .....	29.931	42.8	41.3	49.8	38.5	65	1894	19	1879	16	2.29	27.7†	11†
Sumburgh Head ..	29.647	40.1	38.6	43.2	35.9	53	1890	19	1877	26	4.46	—	—
Stornoway .....	29.671	40.0	39.0	43.7	34.6	55	1898	15	1880	26	5.68	23.9	12
Malin Head .....	29.748	41.6	40.1	45.4	38.3	—	—	—	—	—	—	—	—
Blacksod Point ..	29.803	43.2	41.3	47.2	39.2	—	—	—	—	—	—	—	—
Valencia .....	29.880	45.4	43.2	50.1	40.6	57	1884, 88, 99, 1900	24	1886	25	6.34	42.6	18
Roche's Point .....	29.894	44.0	42.6	48.5	39.9	58	1873	25	1882	20	5.47	—	—
Parsonstown .....	29.872	38.8	37.6	45.5	34.0	58	1877, 1900	8	1878	20	3.17	44.7	20
Donaghadee .....	29.823	40.9	40.0	46.1	36.6	56	1885, 88, 94	20	1879	21	2.96	—	—
Liverpool .....	29.881	39.4	37.7	44.2	36.1	59	1891, 98, 1900	13	1878	18	2.64	—	—
Holyhead .....	29.864	43.2	41.6	46.8	39.5	56	1872, 88	25	1874	20	3.94	—	—
Pembroke .....	29.903	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
Dungeness .....	29.952	40.6	39.5	45.2	36.3	56	1880, 97, 98, 1900	12	1890	17	2.11	—	—
Wick .....	29.684	38.7	37.5	42.9	33.4	56	1898	10	1880	22	3.18	—	—
Nairn .....	29.713	37.5	36.0	42.6	32.4	58	1900	10	1882	18	2.16	—	—
Aberdeen .....	29.747	37.5	35.8	42.4	33.3	58	1873	6	1882	20	3.23	38.2	19
Leith .....	29.782	39.1	37.6	44.5	34.1	60	1896	6	1882	15	1.95	—	—
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	2.16	41.6	18
LONDON .....	29.953	38.5	37.3	44.7	34.4	58	1873, 83, 91, 98	11	1878	15	2.15	13.1†	5†

\* Extremes of temperature at these Stations are from observations made during the 20 years—1881-1900.

† The Sunshine values are for Westminster.



# DAILY WEATHER REPORT

for 8 a.m. on *Monday 1<sup>st</sup> July*, 1901.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS			
	BAROM.	TEMP.	WIND.				BAROMETER.	TEMPERATURE.	WIND.								TEMP.			
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Max.	Min.	Sun- shine. Hours	Rainfall. Ins.
	Ins.						Ins.	Ins.												
SCANDINAVIA.	Haparanda ...	30.05	55	Z	0	c	30.02	-17	57	54	0	NW	2	bc		c	61	46		-
	Hernösand ...	30.17	58	N	4	o	30.11	-15	58	50	-1	N	2	c		o	66	50		-
	Stockholm ...	30.17	61	SSE	2	bc	30.07	-19	57	55	-5	N	2	o		bc	68	52		-
	Wisby ...	30.18	57	NNW	4	b	30.06	-18	58	55	+1	WSW	4	r		b	63	48		-
	Karlstad ...	30.17	66	Z	0	b	30.15	-17	61	54	+1	NNE	2	o		b				-
	Færder (Niania Fjord) ...	30.18	64	SW	2	bc	30.13	-18	60	57	+2	NNE	2	b		bc	70	59		-
	Bodö ...	30.23	50	SW	5	r	30.19	-09	50	49	+1	NNW	2	o	1	r	52	46		0.28
	Christiansund ...	30.33	53	NE	3	b	30.31	-08	53	49	-1	ENE	3	o	2	b	55	50		-
	Skudesnaes ...	30.26	55	NNW	6	bc	30.21	-11	55	54	-3	N	4	bcf	1	bcf	58	48		-
	Sumburgh Head ...	30.24	53	SE	2	o	30.15	-16	50	49	-2	E	2	o	3	o	54	48		-
BRITISH ISLANDS.	Stornoway ...	30.08	69	Z	0	b	30.03	-16	55	54	-5	Z	0	f	0	b	70	48	14.8	-
	Malin Head ...	30.03	59	E	4	bm	29.94	-19	56	54	-3	E	4	bm	3	bm	61	51		-
	Blackisd Pt. ...	29.97	66	SSE	2	b	29.84	-23	59	57	-4	SE	3	cm	3	b	69	57		-
	Valencia ...	29.98	62	S	2	om	29.84	-20	57	56	-11	S	1	cmg	2	bc, om	70	56	6.3	0.27
	Roche's Point ...	29.99	61	ESE	4	b	29.84	-20	62	58	+2	E	1	b	2	bc, b	67	53		-
	Parsonstown ...	29.97	69	ENE	1	bc	29.85	-23	57	57	-2	E	1	c		bc	71	48	12.3	-
	Donaghadee ...	30.07	58	ENE	4	b	29.93	-26	56	54	0	NNE	3	b	5	b	62	52		-
	Liverpool Obsy. ...	30.06	62	ENE	3	c	29.79	-25	57	55	+1	NNE	1	r		c	66	55		0.12
	Holyhead ...	30.00	62	E	4	c	29.84	-26	57	55	+1	NE	3	adp	3	m, c	64	53		0.01
	Pembroke (St. Ann's) ...	29.95	64	Z	0	o	29.81	-23	68	67	0	N	1	org	2	o	72	55	0.6	0.02
GERMANY, &c.	Scilly (St. Mary's) ...	29.88	60	NNE	1	f	29.82	-10	60	58	+1	NW	4	o	0	f	64	58	0.9	-
	Jersey (St. Aubins) ...	29.91	66	WNW	3	cg	29.82	-14	59	58	-2	S	2	of	2	c, cmg	68	57	5.0	0.01
	Portland Bill ...	29.80	58	E	1	fd	29.78	-18	57	57	-3	WNW	1	o	2	rm, fd	61	55		0.21
	Dungeness ...	29.89	60	E	1	r	29.77	-22	57	56	-2	W	4	o	4	o, r	63	56		0.42
	Wick ...	30.16	54	S	5	b	30.10	-14	54	52	-1	S	4	o	3	b	58	50		-
	Nairn ...	30.06	67	E	2	b	30.05	-18	58	54	+1	E	2	c	1	b	73	45		-
	Aberdeen ...	30.22	54	SE	2	c	30.10	-20	53	51	-3	E	2	c	2	c	58	50	1.6	-
	Leith ...	30.16	62	ENE	4	bc	30.01	-24	56	54	-1	ENE	3	o		bc	63	52		-
	North Shields ...	30.15	57	ENE	2	c	29.95	-30	58	56	+1	NE	2	c	2	c	60	54		-
	Spurn Head ...	30.03	58	NE	5	c	29.78	-42	56	56	0	NE	5	c	5	c, r	63	55		0.28
FRANCE.	Yarmouth ...	29.96	60	ENE	6	c	29.74	-40	59	58	+2	E	4	c	5	bc, pg, l	62	55		0.66
	Loughborough ...	30.00	62	NE	4	o	29.75	-40	57	57	+1	NE	2	ogmd		o, c, og, r	65	56		0.85
	Oxford ...	29.89	58	N	2	o	29.74	-31	59	58	+2	SW	1	o		g, blr	71	57		0.75
	London (Brixton) ...	29.90	63	E	3	o	29.76	-28	61	60	+3	SSW	2	o		b, o, or	71	58	1.9	0.84
	The Scaw (Skagen) ...	30.21	63	NNW	1	b	30.13	-17	64	60	+3	SSW	1	b	0	b	72	57		-
	Fanö ...	30.19	60	ENE	2	b	30.10	-20	63	58	+1	ENE	3	b		b	75	55		-
	Cuxhaven ...	30.15	65	ENE	3	b	30.00	-25	60	56	0	E	4	b		b	70	55		-
	The Helder ...	29.97	66	ENE	3	b	29.78	-37	63	58	+2	E	3	c	3	b	70	61		0.04
	Brussels ...						29.78	-26	60	59	-1	WNW	3	r		o	75	59		0.51
	Berlin ...	30.10	69	NE	4	b	30.01	-20	59	54	-4	ENE	4	b		b	79	54		-
SPAIN.	Frankfurt ...	29.93	69	E	2	c	29.85	-24	65	64	-2	SW	2	r		c	84	64		0.20
	Munich ...	30.03	69	NE	4	bc	29.87	-31	69	64	-2	SE	5	o		bc	81	57		0.12
	C. Gris Nez ...																			
	Brest ...	29.92	63	W	1	b	29.89	-09	59	58	0	W	1	o	1	b	70	57		-
	Lorient ...	29.95	65	W	3	bc	29.89	-13	60	59	0	WNW	4	o	5	bc	72	59		-
	Rochefort ...	29.99	68	NNW	4	c	29.96	-06	63	61	-1	W	6	o		c	72	59		0.30
	Biarritz ...	30.15	66	W	5	r	30.15	+08	64	62	-2	WSW	4	o	4	r	66	63		0.28
	Paris ...	29.91	69	SW	1	o	29.88	-10	62	59	-8	SW	3	bc		o	77	58		0.95
	Belfort ...	29.79	75	E	3	c	29.91	-13	59	57	-7	W	6	o		c	83	58		0.32
	Lyons ...	29.84	85	SW	3	o	30.04	-02	59	55	-12	ESE	1	bc		o	92	57		0.20
SPAN. PEN.	Nice ...	30.00	76	SW	1	bc	29.87	-24	71	66	-1	SW	1	b		bc	90	66		-
	Perpignan ...	29.93	74	N	2	o	30.07	00	69	60	+1	NW	3	bc		o	80	65		-
SPAN. PEN.	Corunna ...																			
	Lisbon ...	30.22	62	NNW	5	b	30.18	-03	65	59	+1	N	4	b		b	70	59		-
	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, 1<sup>st</sup> July, 1901.*

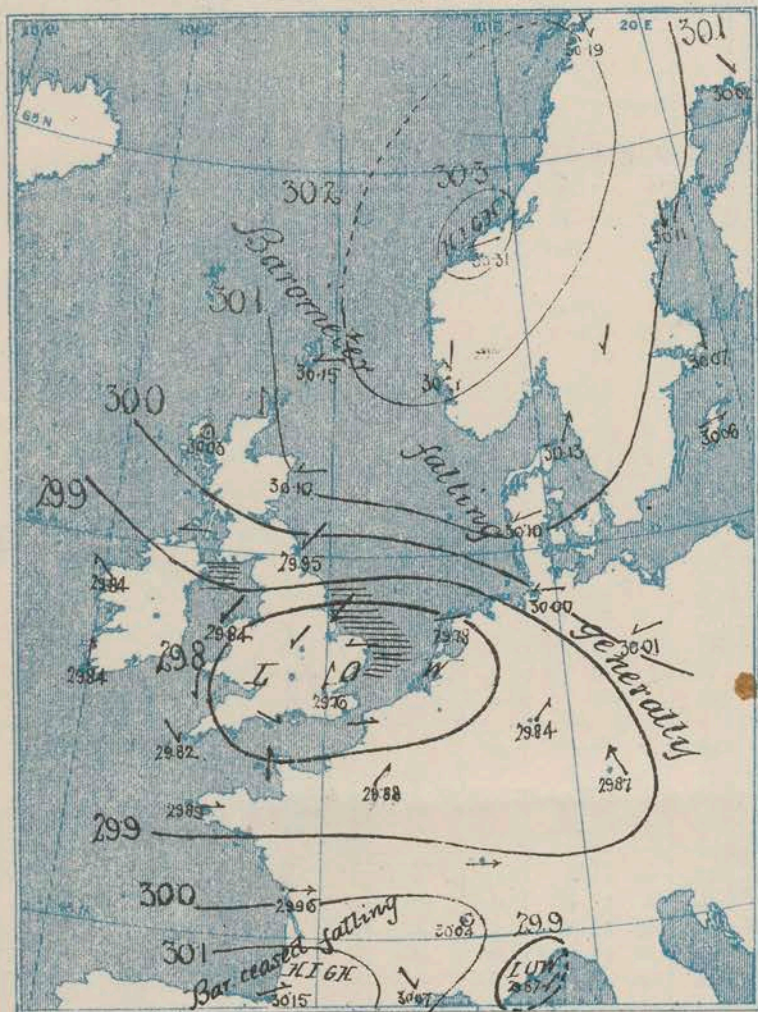
## I. BAROMETER, WIND AND SEA. This Morning.

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

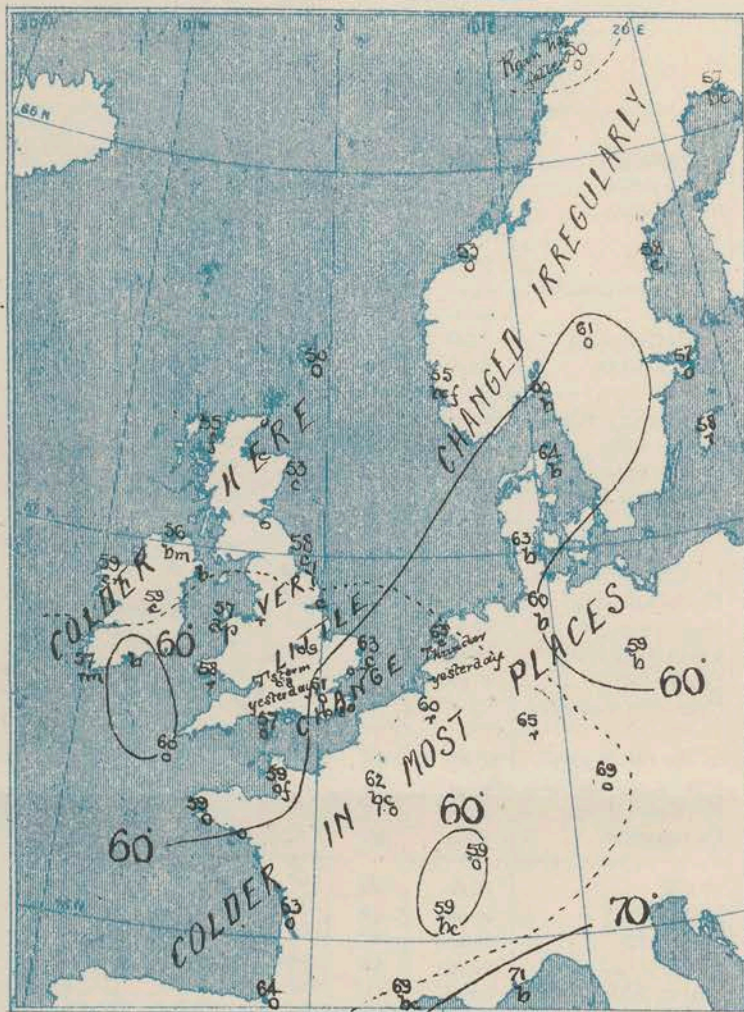


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

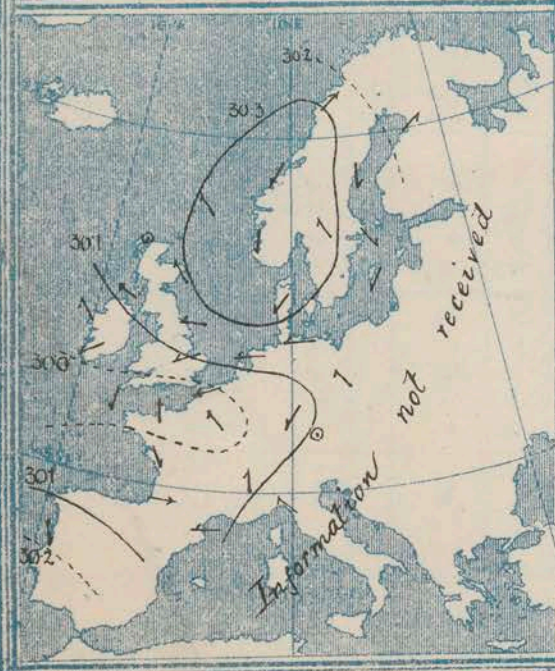
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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.

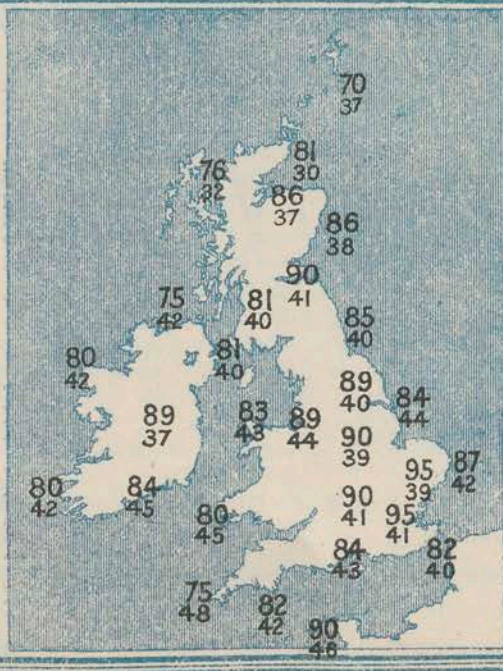


## IV. EXTREMES OF TEMPERATURE

in month of JULY (1871-1900)

Specimen { Highest Max, thus 85  
Lowest Min, " " 40

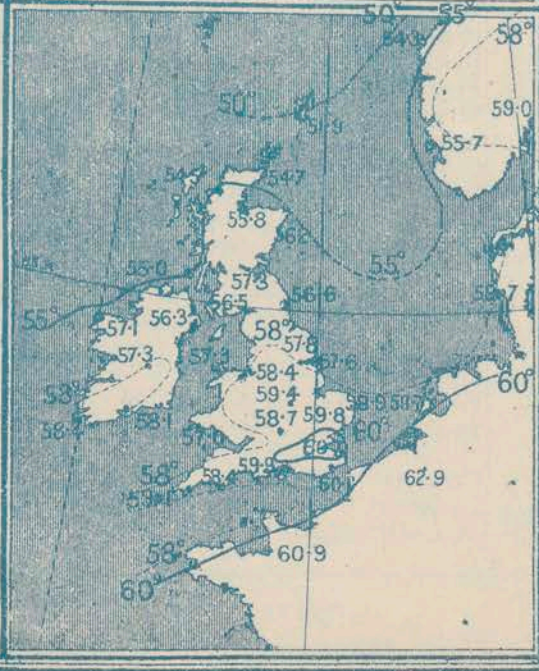
Malin Head & Blacksod Values are for only 15 years



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

June - July (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Since yesterday the barometer has fallen rather considerably except over the Spanish Peninsula, and the distribution of pressure over our Islands and their neighbourhood has become very complex. Readings now vary from between 30.3 inches and 30.2 inches over Norway and 30.1 inches and more over Spain to about 29.75 inches over Central England, and 29.6 inches in the west of Ireland.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The winds vary greatly in direction, but are light to moderate in force. They are mainly N.W. to S.W. over France, and E. at our own northern stations, in the Netherlands and North Germany; in Norway and South Germany, they are variable and in Sweden N.E. Temperature has risen a little, and considerably over England, fallen in most other places. It now varies from 71° at Nice, 65° at Frankfurt and 62° at Rock's Point to 50° at Dunburgh Head and Bala. In our Islands they are a little lower than the average at our northern stations, a little high in some southern districts. Weather is dull and unsettled generally, with rain at Valencia and several of our northwestern stations. Sea is rather rough on the northeast coasts of England and Ireland, moderate at Dungeness, slight or smooth elsewhere.

During yesterday maximum temperatures exceeding 70° occurred over the central parts of England and Ireland; much rain fell over central and southern England during the night. The amount of bright sunshine recorded yesterday was great (12 to 15 hours) over Central Ireland and the Hebrides; it amounted to about 10 to 4 hours in the northwest of England, but in the south and southeast of England there was very little, and at Bath and Brighton none.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather is in a very changeable and rainy condition. Further falls are probable over England and Ireland, spreading northwards slowly; thunderstorms are likely locally, and at present there is no indication of permanent improvement.

## FORECASTS \*

For the 24 hours ending at NOON on JULY 2<sup>ND</sup> 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	E <sup>2y</sup> winds, fresh; dull, rainy, some thunder locally.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	NE <sup>2y</sup> and E <sup>2y</sup> , and varying winds; dull, rainy, thunder locally.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	W <sup>2y</sup> to S <sup>2y</sup> winds, light; changeable, rain at times.
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	E <sup>2y</sup> and SE <sup>2y</sup> winds, light; changeable, rain at times.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	Same as No: 5.
9	{ IRELAND NORTH	Same as Nos 6 and 7.
10	{ IRELAND SOUTH	Same as No: 5.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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 ... ..	*	*	*	*	*	*	*	*	*	0	*	c, 0	64	57	4.4	0.80
Newton Reigny (Penrith)	30.08	63	SE 4	bc	29.91	- .29	60	57	+ 2	E 4	0	bc, omv	64	48	10.0	—
Bath ... ..	29.90	60	E 3	c	29.75	- .25	58	57	+ 1	W 1	0	c	65	56	0.0	0.46

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m. ... ..	64	53	c, o, bc	3.9	—	Worthing ... ..	*	*	*	3.9	*
Birmingham, 9 p.m. ... ..	64	52	o, bc, r	0.3	0.07	Llandudno (to 6 p.m.) ...	*	*	*	7.0	*
Lowestoft, 6 p.m. ... ..	61	55	o, r, q, m, o	0.3	0.01	Rhyl ... .. (to 6 p.m.) ...	*	*	*	5.0	*
Hastings ... ..	*	*	*	1.6	*	Southport ... ..	68	51	ov, c, o	7.2	—
Eastbourne ... .. (to 6 p.m.) ...	*	*	*	0.9	*	Manchester, 9 p.m. ...	66	53	c	1.1	—
Brighton ... .. (to 6 p.m.) ...	*	*	*	0.0	*	Darwen, 9 p.m. ...	63	49	bc, o, cw, o	2.2	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JUNE 30 <sup>TH</sup>				Ins.	Algiers ... JUNE 30 <sup>TH</sup>				Ins.
Madrid ... ..					Tunis ... ..			Information	
Corsica (I. Sanguinaires) ...					Vienna ... ..			not arrived	
Rome ... ..			Information		St. Petersburg ... ..				
Florence ... ..					Lugano ... JUNE 29 <sup>TH</sup>	84	—	b	Measured on 7 a.m. 29
Trieste ... ..			not		Davos ... ..	66	—	o	0.39
Brindisi ... ..					Lucerne ... ..	79	—	c	0.28
Naples ... ..			arrived		Lausanne ... ..	75	—	b	0.08
Palermo ... ..									

## 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.	1 <sup>ST</sup> JULY ... 1901.	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 ... ..	3.35	11.56	8.17
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	3.48	12.3	8.18
France ... ..	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.11	12.15	9.19
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.26	12.44	9.2
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 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on *Tuesday 2<sup>nd</sup> July*, 1901.  
 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.	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.	Hours	Ins.							
Ins.	Ins.	°	°	Ins.	Ins.	°	°	Ins.	Ins.	°	°	°	°	°	°	°	°	°	°		
SCANDINAVIA.	Haparanda ...	29.97	56	NE	2	b	29.96	-.06	55	50	- 2	NNE	2	c	*	b	64	50	*	-	
	Hernösand ...	30.02	59	Z	0	o	29.95	-.16	60	53	+ 2	N	2	b	*	o	70	52	*	-	
	Stockholm ...	30.00	57	NNE	2	b	29.92	-.15	63	54	+ 6	NNE	4	b	*	b	64	55	*	-	
	Wisby ...	29.98	55	NNE	4	b	29.90	-.16	57	55	- 1	N	6	b	*	b	61	49	*	0.04	
	Karlstad ...	30.00	66	SW	2	b	29.95	-.20	64	58	+ 3	ENE	2	b	*	b	*	*	*	-	
	Färder (X'ania Fjord)	29.99	65	SW	2	b	29.97	-.16	66	58	+ 6	N	1	b	0	b	70	60	*	-	
	Bodö ...	30.17	50	W	4	c	30.09	-.10	51	48	+ 1	N	2	c	1	c	54	46	*	-	
	Christiansund ...	30.12	56	NE	5	b	30.05	-.26	56	52	+ 3	E	4	b	3	b	57	50	*	-	
	Skudesnaes ...	30.01	59	NNW	4	b	29.99	-.22	55	54	0	NNW	4	bef.	2	bef. b	61	48	*	*	
BRITISH ISLANDS.	Sumburgh Head	30.09	52	ENE	3	o	30.01	-.12	50	49	0	NE	2	o	4	o	54	46	*	-	
	Stornoway ...	29.96	68	E	3	b	29.96	-.07	59	53	+ 4	E	3	bc	3	b	69	47	11.4	-	
	Malin Head ...	29.83	58	E	4	cm	29.81	-.13	55	52	- 1	E	5	cg	4	b, cm	61	52	*	-	
	Blacksod Pt. ...	29.78	63	E	5	og	29.76	-.08	58	55	- 1	ENE	4	o	4	c, og	68	58	*	0.22	
	Valencia ...	29.74	58	NW	2	om	29.71	-.13	58	57	+ 1	N	3	o	4	r, om	59	56	0.0	0.15	
	Roche's Point ...	29.68	58	ESE	2	rt	29.69	-.15	59	58	- 3	ENE	1	r	3	c, rt	64	57	*	0.15	
	Parsonstown ...	29.72	58	NW	1	r	29.71	-.14	56	55	- 3	NW	1	o	*	c, or	70	55	5.7	0.51	
	Donaghadee ...	29.78	57	N	4	o	29.82	-.11	55	53	- 1	NNE	4	og	4	ogp	59	57	*	0.04	
	Liverpool Obsy.	29.70	59	ENE	4	p	29.70	-.09	62	59	+ 5	E	2	c	*	omp	62	56	*	0.05	
GERMANY, &c.	Holyhead ...	29.68	59	ENE	3	gm, dp.	29.68	-.16	62	59	+ 5	ENE	3	c	2	gm, dp	62	55	*	0.09	
	Pembroke (St. Ann's)	29.66	56	S	1	f	29.65	-.16	61	60	+ 3	Z	0	ogm	2	f	64	52	0.0	0.03	
	Scilly (St. Mary's)...	29.67	59	WNW	3	om	29.57	-.25	59	58	- 1	NNW	3	m	4	om	63	58	1.3	0.40	
	Jersey (St. Aubins)...	29.74	61	WSW	3	om	29.61	-.21	59	55	0	SSE	4	og	3	c, om	62	55	0.1	0.26	
	Portland Bill ...	29.71	68	S	2	om	29.61	-.17	58	55	- 2	S	2	r	1	om	59	55	*	0.46	
	Dungeness ...	29.74	61	SW	3	c	29.64	-.13	63	60	+ 6	E	3	c	3	c	64	50	*	-	
	Wick ...	30.10	50	S	4	m	29.99	-.11	50	48	- 4	S	3	m	1	m	62	46	*	-	
	Nairn ...	30.00	58	ENE	4	c	29.98	-.07	54	51	- 4	E	2	c	2	c	62	48	*	-	
	Aberdeen ...	30.03	52	NE	1	c	29.97	-.13	52	50	- 1	NNE	2	c	2	or, c	55	49	*	-	
FRANCE.	Leith ...	29.93	57	E	4	o	29.89	-.12	52	51	- 4	E	4	o	*	o	57	50	*	-	
	North Shields ...	29.84	60	NE	3	b	29.82	-.13	57	56	- 1	NE	2	o	2	b, r	62	54	*	0.12	
	Spurn Head ...	29.70	55	ENE	6	r	29.74	-.04	58	57	+ 2	E	3	m	4	r, f	60	55	*	0.40	
	Yarmouth ...	29.70	60	ESE	1	c	29.71	-.03	59	58	0	ENE	4	cm	4	op, c	60	55	*	0.31	
	Loughborough ...	29.71	58	NE	2	o	29.71	-.04	60	58	+ 3	E	2	cm	*	gm, cm	62	57	*	0.22	
	Oxford ...	29.68	62	SW	2	c	29.65	-.09	61	58	+ 2	NE	2	o	*	c, ew	66	57	*	-	
	London (Brixton) ...	29.68	67	ESE	3	bc	29.65	-.11	65	62	+ 4	E	2	bc	*	c, b	71	56	3.0	-	
	The Scaw (Skagen)	30.01	66	NE	1	b	29.97	-.16	64	61	0	S	1	b	0	b	70	61	*	-	
	Fanö ...	29.97	61	E	2	b	29.92	-.18	65	62	+ 2	E	3	b	*	b	73	57	*	-	
SPAN. PEN.	Cuxhaven ...	29.88	66	E	4	b	29.86	-.14	61	58	+ 1	E	3	b	*	b	68	55	*	-	
	The Helder ...	29.78	59	SW	1	o	29.76	-.02	60	59	- 3	WSW	1	o	0	o	66	57	*	0.39	
	Brussels ...	*	*	*	*	*	29.75	-.03	62	59	+ 2	SSE	2	o	*	o	69	56	*	0.24	
	Berlin ...	29.85	69	E	3	b	29.84	-.17	65	57	+ 6	E	2	bc	*	b	79	57	*	-	
	Frankfurt ...	29.85	63	SW	2	o	29.80	-.05	61	57	- 4	SW	3	o	*	o	70	59	*	0.16	
	Munich ...	29.94	58	W	5	c	29.90	+ 0.03	61	57	- 8	Z	0	bc	*	c	73	50	*	0.95	
	C. Gris Nez ...	29.74	65	W	1	bc	29.67	-	66	62	-	Z	0	m	0	bc	72	59	*	-	
	Brest ...	29.71	58	SSE	2	r	29.65	-.34	56	56	- 3	NNW	3	f	3	r	64	54	*	0.28	
	Lorient ...	29.73	59	WSW	5	r	29.59	-.30	57	56	- 3	WSW	6	r	6	r	66	54	*	0.43	
SPAN. PEN.	Rochefort ...	29.82	64	SW	6	r	29.81	-.15	61	55	- 2	NW	4	c	*	o, r	68	55	*	0.51	
	Biarritz ...	30.02	68	W	1	o	29.97	-.18	60	59	- 4	WSW	3	r	4	o	72	59	*	0.87	
	Paris ...	29.79	68	SSE	2	c	29.73	-.15	57	55	- 5	SW	2	o	*	c	72	57	*	0.51	
	Belfort ...	29.88	59	WSW	3	o	29.80	-.11	58	57	- 1	Z	0	r	*	o	74	56	*	0.20	
SPAN. PEN.	Lyons ...	29.92	69	W	1	o	29.86	-.18	62	61	+ 3	S	1	r	*	o	76	59	*	0.12	
	Nice ...	29.68	84	NNW	4	b	29.81	-.06	70	66	- 1	E	2	e	1	b	90	63	*	-	
	Perpignan ...	29.93	78	SW	2	bc	29.85	-.22	68	62	- 1	W	3	o	*	bc	85	62	*	3.15	
	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
SPAN. PEN.	Lisbon ...	30.10	64	NNW	4	o	30.03	-.15	66	61	+ 1	N	4	b	*	o	75	63	*	-	
	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, 2<sup>nd</sup> July, 1901.

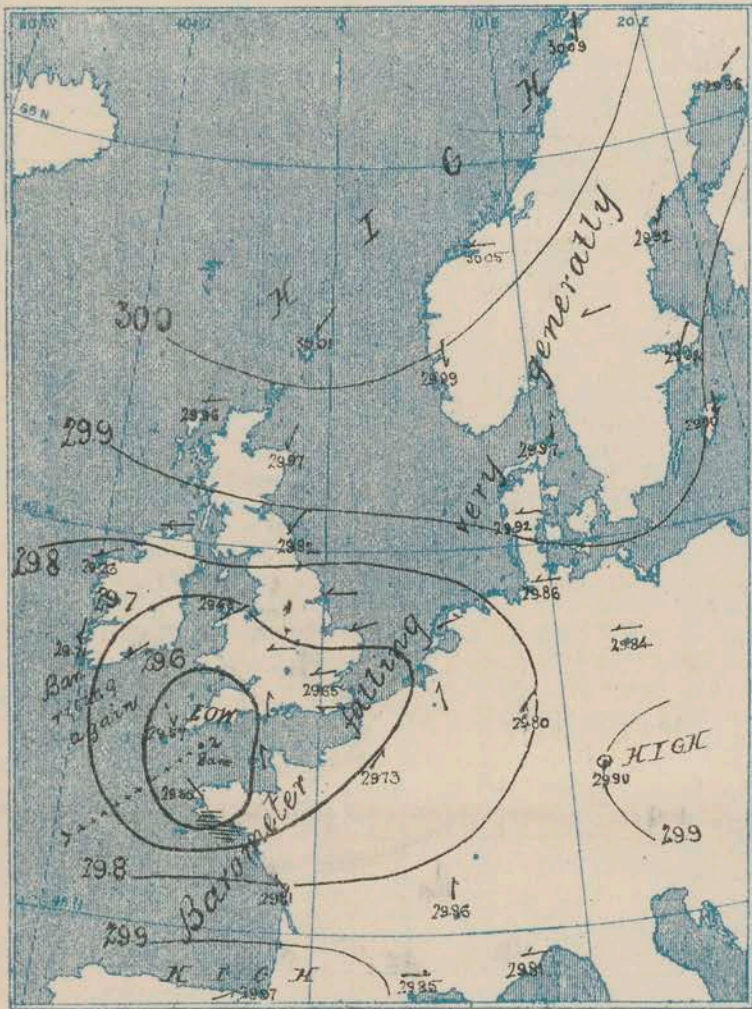
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

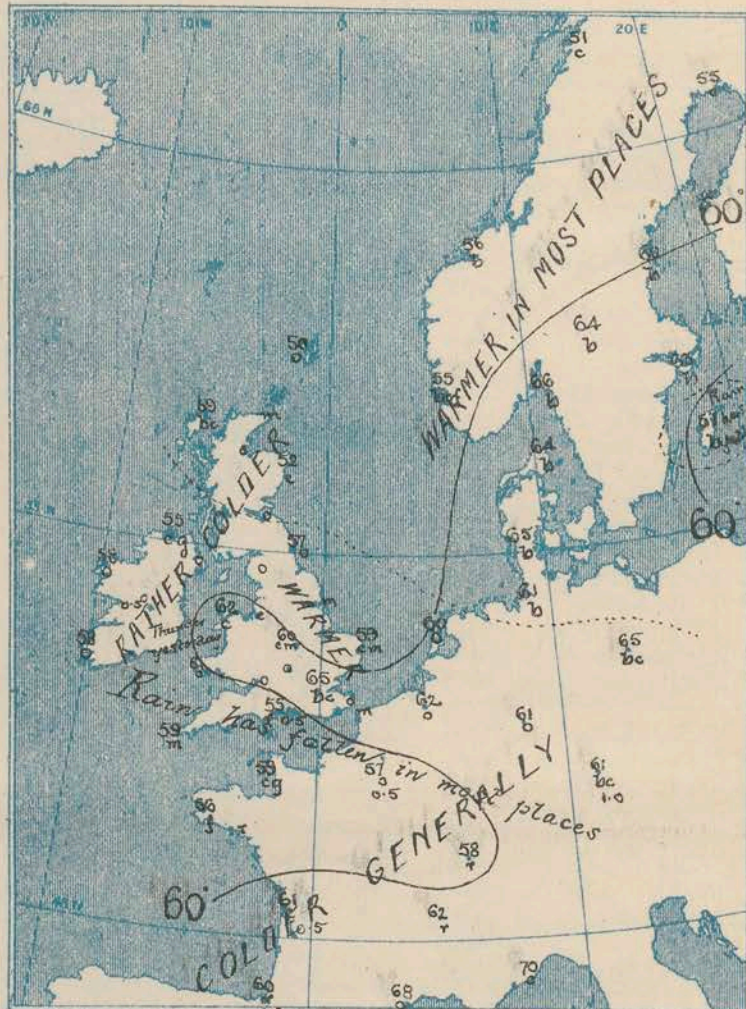


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

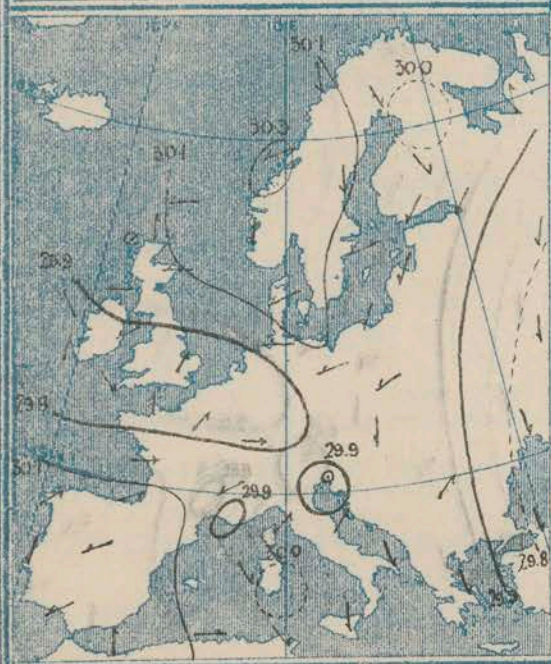
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.

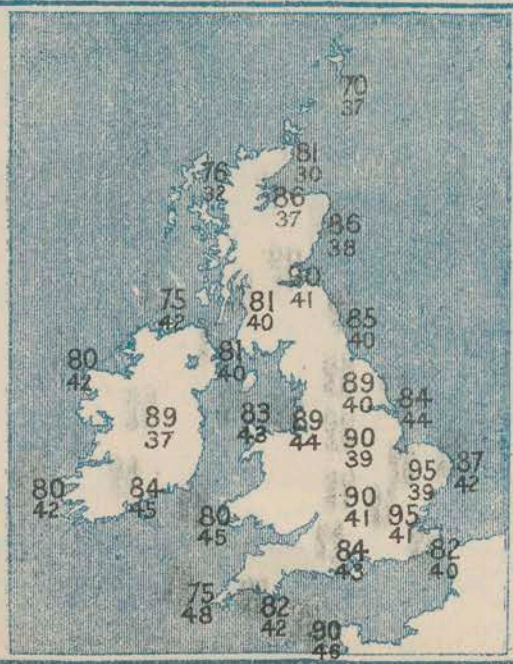


## IV. EXTREMES OF TEMPERATURE

in month of JULY (1871-1900.)

Specimen { Highest Max, thus 85  
Lowest Min, " " 40

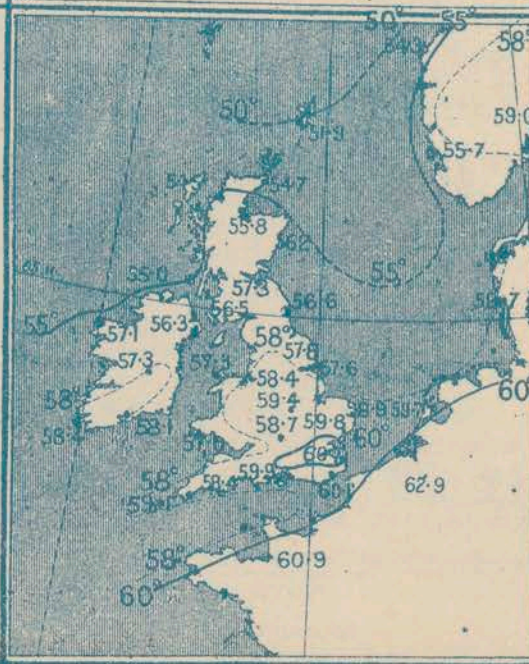
Mabin Head & Blacksod Values are for only 5 years



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

June - July (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

During the past day the barometer has fallen generally over NW<sup>m</sup> Europe, the amount of change having been greatest over the S. of Sweden and over Brittany and the Channel Islands. Readings now vary from 30.1 ins. and more over Norway and the Shetland Islands and 29.97 ins. at Biarritz to 29.6 ins. and less in a depression which has appeared over the W<sup>m</sup> half of the English Channel.

## WIND

The wind is mainly E<sup>ly</sup> over our Islands, but is S. at Jersey, W. and SW<sup>ly</sup> over France, NW<sup>ly</sup> at Brest and in Cornwall, N<sup>ly</sup> in the S. of Ireland. Temperature has fallen in Scotland, risen over England and varies from 70° at Nice, 65° at Berlin and in London and 63° at Stockholm to between 52° and 50° in the N. of Scotland. In the N. of our Islands the values are rather below the average, while in the S. and E. of England they are rather high. Weather is becoming unsettled more generally than it was yesterday; the sky is very cloudy, rain is falling at several of the SW<sup>m</sup> stations and over the Bay of Biscay. Sea is smooth at our N<sup>m</sup> stations, moderate in most other places, rough at Lorient.

## TEMPERATURE

## WEATHER

## AND

## SEA

During yesterday rain fell in many parts of our Islands and France, but Scotland and the E<sup>m</sup> shores of the North Sea excepted. At Birmingham the fall exceeded an inch. The maximum temperatures in some parts of Ireland and England exceeded 70°, that at Paris was 72° and at Berlin 79°; misty drizzle occurred at Holyhead and Liverpool. Bright Sunshine recorded yesterday amounted to 11.4 hrs. at Stornoway, 5.7 hrs. at Parsonstown, 6.1 hrs. at Hastings. Elsewhere it was less and at many stations, especially over England, there was none.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

More rain is probable in all parts of England and thunderstorms in places. The depression in the S. appears to be moving NE<sup>wards</sup>.

## FORECASTS \*

For the 24 hours ending at NOON on 3<sup>RD</sup> JULY

1901

### DISTRICTS.

### FORECASTS.

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

E<sup>ly</sup> winds, moderate, fair, cloudy.  
E<sup>ly</sup> winds, cloudy, rainy, perhaps thunder locally.  
E<sup>ly</sup> to S. and W<sup>ly</sup> winds, cloudy, very rainy and close, thunder in places.

### DISTRICTS.

### FORECASTS.

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

Same as Nos 0 and 1.  
NW<sup>ly</sup> and W<sup>ly</sup> winds, clearing up temporarily.  
Same as Nos 0 and 1.  
Same as No 8.  
None issued.

### WARNINGS

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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	*	o, m	64	58	2.5	-
Newton Reigny (Penrith)	29.81	67	ENE 2	bc	29.78	- .13	57	56	- 3	NNE 2	o	*	o, c, m	71	55	3.0	-
Bath	29.67	61	E 1	o	29.62	- .13	60	58	+ 2	NE 3	o	*	o	66	57	0.0	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	65	53	o, c	2.0	0.08	Worthing	*	*	*	2.7	*
Birmingham, 9 p.m.	61	54	r	-	1.06	Llandudno (to 6 p.m.)	*	*	*	0.0	*
Lowestoft, 6 p.m.	61	57	or, c	-	0.87	Rhyl (to 6 p.m.)	*	*	*	0.0	*
Hastings	*	*	*	6.1	*	Southport	61	55	o, ?	0.0	0.28
Eastbourne (to 6 p.m.)	*	*	*	4.2	*	Manchester, 9 p.m.	66	53	or, op, or	0.0	0.18
Brighton	*	*	*	3.4	*	Darwen, 9 p.m.	59	53	op, ov	0.0	0.28

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 1 <sup>st</sup>	-	-	-	Ins.	Algiers ... JULY 1 <sup>st</sup>	88	72	c, c	Ins.
Madrid	81	54	b, b	-	Tunis	99	72	bc, bc	-
Corsica (I. Sanguinaires)	84	64	m, o	-	Vienna	81	64	o, o	-
Rome	91	66	b, b	-	St. Petersburg	68	54	b, o	-
Florence	93	66	b, b	-	Lugano ... JUNE 30 <sup>th</sup>	1 p.m.	-	-	Measured, 7 <sup>th</sup> 2 a.m. 30
Trieste	90	66	bc, c	-	Davos	-	-	Information	-
Brindisi	80	67	b, b	-	Lucerne	-	-	not arrived.	-
Naples	84	69	b, b	-	Lausanne	-	-	-	-
Palermo	90	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.

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 <sup>nd</sup> JULY, 1901.	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 ... ..	3.36	11.57	8.17
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	3.49	12.4	8.18
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.12	12.16	9.19
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.27	12.45	9.2
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 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on WEDNESDAY JULY 3<sup>RD</sup>

1901.

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° 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	29.98	54	N	2	b	30.02	+0.06	52	46	-3	N	2	b	*	b	61	48	*	-			
	Hernösand	29.96	55	NE	2	o	29.99	+0.04	58	47	-2	N	4	b	*	b	66	52	*	-			
	Stockholm	29.88	60	S	0	o	29.88	-0.04	59	51	-4	N	6	b	*	o	68	50	*	-			
	Wisby	29.84	55	NNE	4	b	29.85	-0.05	59	52	0	N	4	b	*	b	63	50	*	-			
	Karlstad	29.84	68	S	2	b	29.94	-0.10	59	55	-5	E	2	o	*	b	68	50	*	-			
	Färder (X'ania Fjord)	29.84	66	SW	2	b	29.87	-0.10	64	60	-2	ENE	2	c	1	b	68	63	*	0.08			
	Bodö	30.05	50	N	1	b	30.03	-0.06	57	49	0	N	1	b	0	b	68	45	*	-			
	Christiansund	30.01	59	E	4	b	29.94	-0.11	56	57	0	E	4	b	3	b	59	50	*	-			
	Skudesnaes	29.93	55	NW	2	o	29.88	-0.11	53	52	-2	2	0	o	1	c	59	50	*	-			
	Sumburgh Head	29.98	53	NE	3	b	29.94	-0.07	57	49	+1	NE	1	o	3	b	54	48	*	-			
Stornoway	29.90	62	ENE	5	b	29.93	-0.03	58	55	-1	SE	2	b	2	b	66	48	15.3	-				
Malin Head	29.80	59	E	4	om	29.89	+0.08	59	55	+2	ENE	4	m	4	om	60	52	*	-				
Blacksod Pt.	29.77	62	S	0	m	29.85	+0.09	60	58	+2	2	0	m	4	om	63	58	*	-				
Valencia	29.77	58	NW	2	om	29.85	+0.14	60	58	+2	NW	2	om	3	om	60	54	0.0	-				
BRITISH ISLANDS.	Roche's Point	29.71	61	NW	3	+	29.83	+0.14	63	60	+4	NW	3	b	2	o	64	56	*	0.10			
	Parsonstown	29.73	67	NE	1	c	29.84	+0.13	60	58	+4	N	1	o	3	c	69	55	5.1	-			
	Donaghadee	29.78	56	NNE	2	o	29.87	+0.05	56	54	+1	NNE	3	b	3	o	60	54	*	-			
	Liverpool Obsy.	29.70	62	NE	3	c	29.80	+0.10	62	59	+1	NE	2	b	?	c	68	55	*	0.03			
	Holyhead	29.70	62	E	3	om	29.80	+0.12	61	57	-1	ENE	3	b	2	m	65	58	*	-			
	Pembroke (St. Ann's)	29.68	62	NE	2	o	29.75	+0.10	62	62	+2	NE	2	om	2	o	?	55	1.5	0.13			
	Scilly (St. Mary's)	29.65	60	N	5	om	29.73	+0.16	59	58	0	NW	4	o	4	om	62	57	2.5	-			
	Jersey (St. Aubins)	29.59	64	ESE	3	b	29.64	+0.03	59	56	0	NW	4	o	3	b	66	56	8.7	0.07			
	Portland Bill	29.64	59	E	2	b	29.69	+0.08	61	58	+6	NE	3	b	2	b	61	54	*	0.11			
	Dungeness	29.66	58	E	2	c	29.70	+0.06	60	58	-3	E	4	b	3	t.c.	63	56	*	0.25			
GERMANY, &c.	Wick	29.94	50	E	3	m	29.94	-0.05	51	48	+1	S	2	m	1	m	55	48	*	-			
	Nairn	29.93	54	E	3	c	29.96	-0.02	53	52	-1	2	0	o	1	c	60	48	*	0.01			
	Aberdeen	29.95	54	NE	2	og	29.97	0.0	52	50	0	N	1	og	1	b	57	47	5.2	-			
	Leith	29.90	53	E	4	o	29.96	+0.07	52	51	0	E	2	od	*	o	54	50	*	0.03			
	North Shields	29.82	60	NE	2	b	29.89	+0.07	56	55	-1	NE	2	o	2	p.b	62	52	*	0.05			
	Spurn Head	29.74	57	ENE	4	f	29.83	+0.09	57	56	-1	ENE	4	c	3	f	60	58	*	-			
	Yarmouth	29.69	60	ENE	4	c	29.76	+0.05	59	57	0	SE	2	b	4	b	61	55	*	0.04			
	Loughborough	29.70	64	ESE	2	c	29.79	+0.08	58	57	-2	NE	2	og	*	b	70	56	*	0.01			
	Oxford	29.67	60	E	1	+	29.74	+0.09	63	58	+2	ENE	2	b	*	o	71	56	*	0.12			
	London (Brixton)	29.66	59	NE	2	o	29.73	+0.08	61	59	-2	ENE	3	b	*	o	70	55	0.8	0.22			
FRANCE.	The Scaw (Skagen)	29.88	65	NW	1	b	29.85	-0.12	64	59	0	N	1	c	1	b	73	59	*	-			
	Fanö	29.90	60	E	2	b	29.89	-0.08	64	58	-1	E	1	b	*	b	75	55	*	-			
	Cuxhaven	29.82	66	E	3	b	29.87	+0.01	60	56	-1	E	3	b	*	b	70	55	*	-			
	The Helder	29.72	66	ESE	1	c	29.76	0.0	64	62	+4	2	0	c	0	c	70	57	*	-			
	Brussels	*	*	*	*	*	29.75	0.0	62	58	0	2	0	b	*	+	73	50	*	0.20			
	Berlin	29.80	69	NE	4	b	29.84	0.0	61	55	-4	SE	3	b	*	+	73	54	*	-			
	Frankfurt	29.76	61	S	1	+	29.76	-0.04	56	55	-5	SE	2	+	*	+	72	55	*	0.35			
	Munich	29.79	62	SW	3	+	29.81	-0.09	57	51	-10	N	4	+	*	+	73	50	*	1.70			
	C. Gris Nez	29.67	59	SE	1	o	29.69	+0.02	61	55	-5	SE	3	b	3	o	66	55	*	0.24			
	Brest	29.64	58	NW	2	o	29.69	+0.14	56	55	0	NW	2	b	3	o	59	52	*	0.22			
Lorient	29.60	58	NW	5	+	29.66	+0.07	57	55	0	NW	4	b	5	+	63	54	*	0.16				
Rocheport	29.75	60	N	6	+	29.67	-0.14	59	57	-2	N	4	o	*	c	66	54	*	0.95				
Biarritz	29.97	64	N	5	o	29.89	-0.08	58	58	-2	NW	6	+	5	o	64	57	*	0.24				
SPAN. PEN.	Paris	29.73	59	SW	3	o	29.65	-0.08	56	55	-1	SE	3	o	*	o	71	55	*	0.12			
	Belfort	29.80	55	NW	2	+	29.76	-0.04	55	53	-3	2	0	c	*	+	64	45	*	0.08			
	Lyons	29.88	58	SE	1	o	29.78	-0.08	61	54	-1	SE	2	o	*	o	63	50	*	0.20			
	Nice	29.76	64	SW	6	f	29.63	-0.18	73	58	+3	2	0	b	0	f	77	59	*	-			
	Perpignan	29.89	60	N	2	o	29.88	-0.02	65	56	-3	N	2	b	*	o	71	55	*	0.16			
	Corunna	30.01	60	NW	3	b	29.99	-0.04	62	54	-4	N	5	b	*	b	73	57	*	-			
Azores (P. Delgada)	30.23	68	NW	3	c	30.19	-0.07	66	64	-3	NE	3	+	2	c	72	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 Wednesday 3<sup>rd</sup> July, 1901.

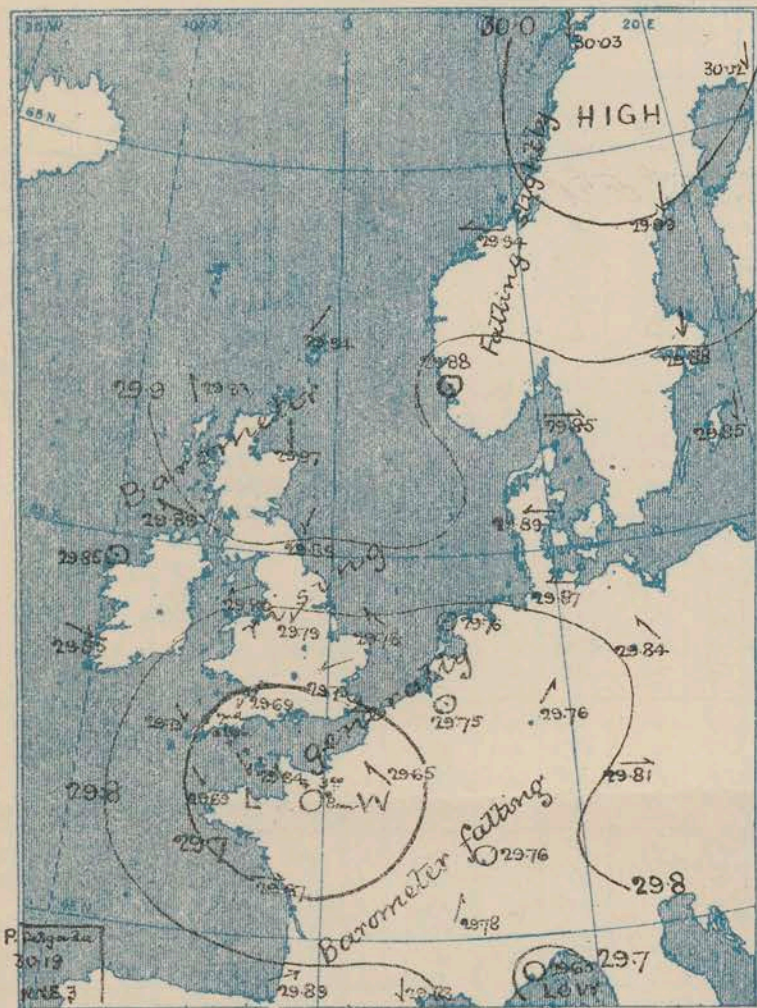
## I. BAROMETER, WIND AND SEA. This Morning.

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

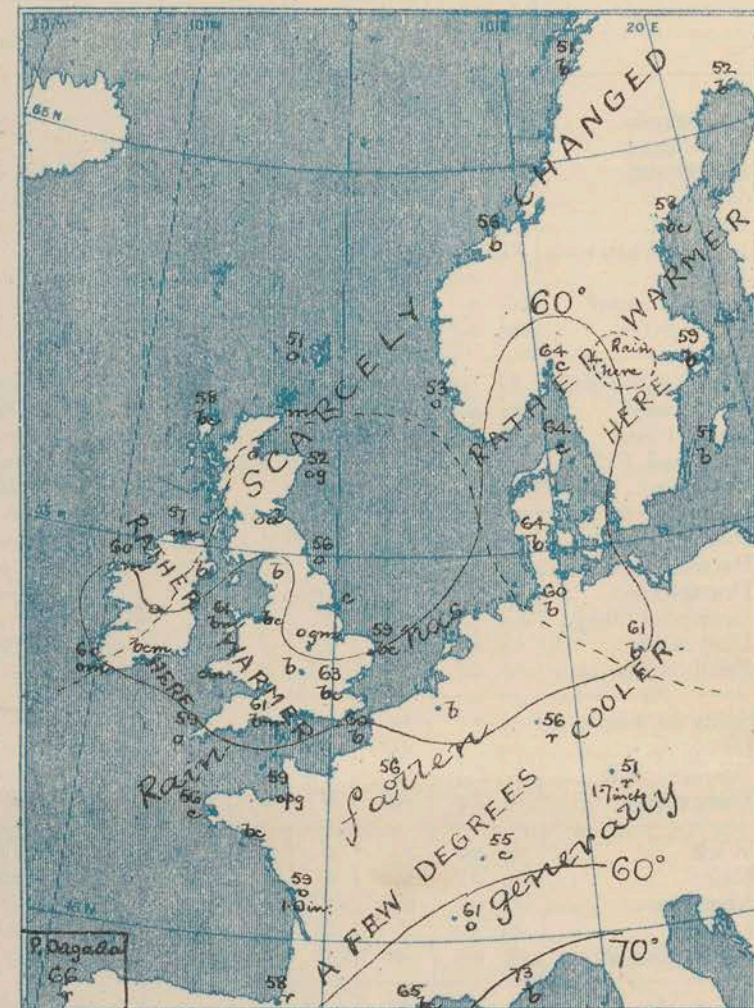


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

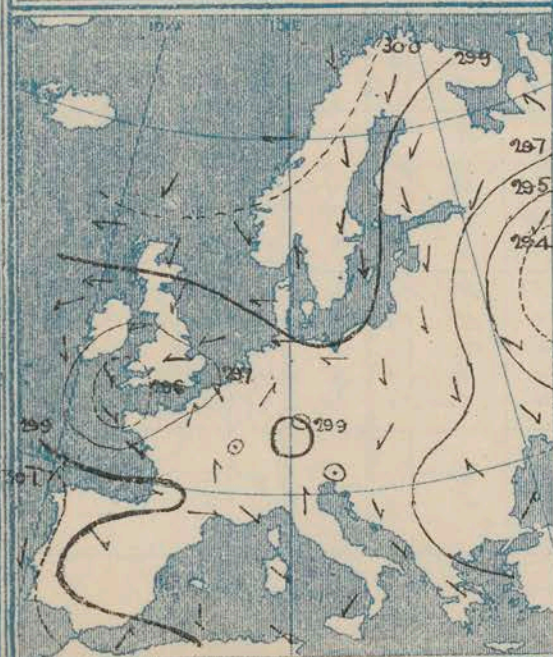
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.

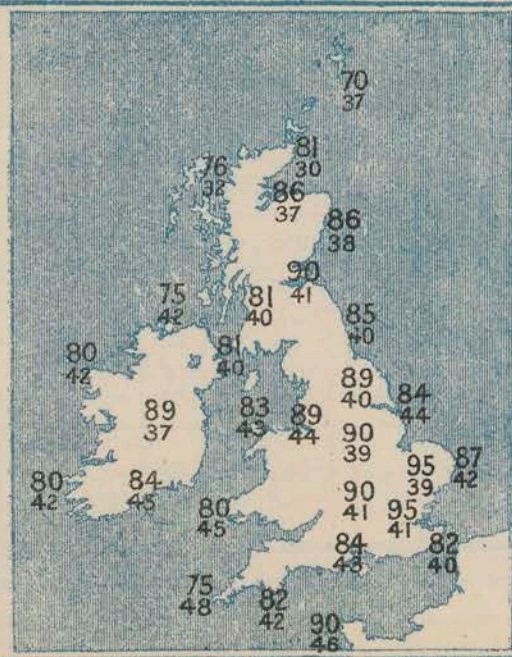


## IV. EXTREMES OF TEMPERATURE

in month of JULY (1871-1900)

Specimen { Highest Max, thus 85  
Lowest Min, " " 40

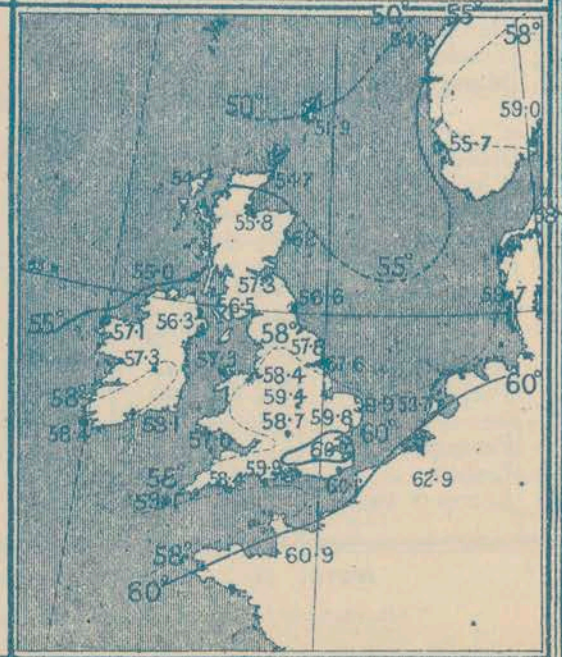
Matin Head & Blacksod Values are for only 15 years



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

June-July (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The shallow depression recently noticed in the southwest has now moved slowly southwards to France and the barometer has risen slightly in almost all parts of our Islands. The centre of the depression, where the barometer is still about 29.6 ins., is at present near Le Mans and pressure remains highest, 30.0 ins. and upwards, over the north of Scandinavia and also over Portugal.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind circulates around the depression noticed above, being light or moderate from the NE<sup>ly</sup> over England, from the N<sup>ly</sup> in Ireland and from the W<sup>ly</sup> over the greater part of France; in the northeast of the latter country, however, a SE<sup>ly</sup> breeze is reported. In Scotland the wind is light and variable and in Scandinavia mainly N<sup>ly</sup>. The weather has become fair in most parts of England and Ireland and the temperature in those countries stands at about its normal height for the season. Over Scotland and France the weather is mostly dull and temperature is low; at the Scotch stations the thermometer is below 54° (except at Stornoway), and at Paris it is no higher than 56°. Over Scandinavia, Denmark and North Germany the weather is fair and temperature rather high, but over Eastern and Central Germany rain and low temperatures prevail. The sea is rather rough in the Bay of Biscay, moderate to smooth elsewhere. The maximum temperatures recorded yesterday were 70° or 71° over Central and southeastern England. Rain fell at many of our western and southern stations and also over France and Germany; at Rochefort 0.95 in. was reported, while at Munich there was as much as 1.70 ins. Very little bright sunshine was recorded over the Kingdom generally, but at Stornoway there was as much as 15.3 hrs. and 8.4 hrs. at Jersey. At Valencia (Ireland) there was none.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression will probably continue to move away southeastwards and the weather over our Islands will be fair for a time. The conditions cannot, however, be considered at all settled, and there are already slight indications of the approach of another disturbance from the westward.

## FORECASTS \*

For the 24 hours ending at NOON on 4<sup>th</sup> JULY 1901

### DISTRICTS.

### FORECASTS.

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

Variable or E<sup>ly</sup> winds; fair as a whole, but cloudy.

NE<sup>ly</sup> winds, light or moderate; fair generally.

### DISTRICTS.

### FORECASTS.

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

E<sup>ly</sup> or NE<sup>ly</sup> winds, light; fair.

N<sup>ly</sup> and NW<sup>ly</sup> winds, light or moderate; fair as a whole.

N<sup>ly</sup> to variable winds, light or moderate; fair today, less reliable tomorrow.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.0	64	56	5.0	0.46
Newton Reigny (Penrith)	29.78	63	E 16 3	0	29.86	+0.8	62	58	+5	NNE 3	b	*	ogd. bc	71	46	6.0	—
Bath	29.56	60	20	0	29.72	+1.0	62	59	+2	NE 2	b	*	0	69	55	1.5	0.46

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	60	54	f. c. o	0.2	0.60	Worthing. (4 p.m. to 6 p.m.)	*	*	*	1.0	*
Birmingham, 9 p.m.	69	56	o. c. o	3.2	—	Llandudno (4 p.m. to 6 p.m.)	*	*	*	1.0	*
Lowestoft, to 6 p.m.	63	56	c. of. c	2.4	—	Rhyl ... (4 p.m. to 6 p.m.)	*	*	*	2.3	*
Hastings	*	*	*	2.2	*	Southport ... 9 p.m.	68	56	o. c. o	0.9	0.03
Eastbourne ... (5 p.m. to 6 p.m.)	*	*	*	0.5	*	Manchester, 9 p.m.	66	56	of. og	0.5	—
Brighton ... (5 p.m. to 6 p.m.)	*	*	*	1.0	*	Darwen, 9 p.m.	61	53	of. omu	0.1	0.05

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 2 <sup>nd</sup>	72	57	bc, bc	Ins.	Algiers ... JULY 2 <sup>nd</sup>	81	70	c, m	Ins.
Madrid	90	61	b, o	—	Tunis	100	72	bc, bc	—
Corsica (I. Sanguinaires)	82	64	m, m	—	Vienna	79	59	r, o	0.71
Rome	88	68	b, b	—	St. Petersburg	66	52	o, bc	—
Florence	86	65	b, b	—	Lugano ... JULY 1 <sup>st</sup>	66	—	o	Measured 7 a.m. 1.37
Trieste	90	72	o, bc	0.12	Davos	50	—	bc	0.43
Brindisi	90	67	c, b	—	Lucerne	61	—	o	0.32
Naples	83	70	c, b	—	Lausanne	66	—	r	0.28
Palermo	93	66	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.

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.	July 3 <sup>rd</sup> 1901.	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 ... ..	3.37	11.57	8.17
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	3.50	12.44	8.18
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	2.14	12.16	9.18
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.28	12.45	9.2
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 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

THURSDAY, JULY 4<sup>TH</sup>

1901.

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° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.	Min.									
Ins.	Ins.	°	°	Ins.	Ins.	°	°	Ins.	Ins.	°	°	Ins.	Ins.								
SCANDINAVIA.	Haparanda ...	29.95	58	N	2	c	29.90	-12	59	44	+5	NE	4	c	1	c	64	45	1	—	
	Hernösand ...	29.94	54	N	0	b	29.89	-10	60	49	+2	NE	2	c	1	c	64	46	1	—	
	Stockholm ...	29.88	58	NNE	6	b	29.84	-04	59	49	0	NNE	6	b	1	b	64	53	1	—	
	Wisby ...	29.88	54	N	4	b	29.85	0.0	56	51	-1	N	6	b	1	b	61	50	1	—	
	Karlstad ...	29.92	60	2	0	b	29.94	0.0	59	52	0	NNE	2	c	1	b	64	59	1	—	
	Färder (X'ianla Fjord) ...	29.91	62	E	2	c	29.93	+06	64	59	0	NNE	1	c	1	c	64	59	1	—	
	Bodö ...	29.99	54	N	1	b	29.97	-06	54	51	+3	N	1	b	1	b	59	48	1	—	
	Christiansund ...	29.91	59	NE	1	b	29.94	0.0	59	55	+1	NNE	2	b	1	b	61	52	1	—	
	Skudesnaes ...	29.88	55	NNE	2	0	29.94	+06	55	52	+2	N	2	0	1	0	59	52	1	—	
	Sumburgh Head ...	29.96	53	NE	1	0	29.99	+05	49	49	-2	NNE	1	0	3	0	54	49	1	—	
BRITISH ISLANDS.	Stornoway ...	29.95	66	ESE	3	b	29.97	+04	59	56	+1	N	1	0	1	b	71	48	1	—	
	Malin Head ...	29.91	62	ESE	2	b	29.98	+09	69	63	+12	NNE	1	0	1	b	69	57	1	—	
	Blacksod Pt. ...	29.92	66	NNE	1	b	30.03	+18	59	59	-1	N	2	0	2	b	70	59	1	—	
	Valencia ...	29.94	62	NNE	2	b	30.11	+26	56	56	-4	N	1	0	3	b	63	56	1	—	
	Roche's Point ...	29.93	65	NE	1	b	30.09	+26	62	59	-1	N	1	0	2	b	66	58	1	—	
	Parsonstown ...	29.89	70	N	1	b	30.07	+23	60	59	0	N	1	0	2	b	74	55	1	—	
	Donaghadee ...	29.93	66	NE	2	b	30.03	+16	63	59	+7	E	1	0	2	b	69	52	1	—	
	Liverpool Obsy. ...	29.87	71	NE	3	b	30.04	+24	68	61	+5	2	0	3	b	74	56	1	—		
	Holyhead ...	29.88	69	ESE	2	b	30.04	+24	68	64	+7	N	1	0	1	b	69	56	1	—	
	Pembroke (St. Ann's) ...	29.89	68	N	3	b	30.07	+32	65	64	+2	NE	1	0	2	b	71	56	1	—	
GERMANY, &c.	Scilly (St. Mary's) ...	29.84	64	NNE	3	b	30.06	+33	59	58	0	NNE	2	0	2	c	65	59	1	—	
	Jersey (St. Aubins) ...	29.78	64	NNE	5	b	30.04	+40	60	60	+9	NE	3	0	3	c	68	59	1	—	
	Portland Bill ...	29.84	62	NNE	2	b	30.05	+36	63	62	+2	NNE	3	0	2	b	69	59	1	—	
	Dungeness ...	29.81	62	NE	4	c	29.99	+29	65	61	+5	NNE	3	0	3	b	66	54	1	—	
	Wick ...	29.95	55	S	3	c	29.99	+05	52	50	+1	S	3	0	2	c	59	48	1	—	
	Nairn ...	29.96	56	E	2	b	30.00	+04	59	57	+6	E	1	0	1	b	61	49	1	—	
	Aberdeen ...	29.98	54	ESE	2	b	30.03	+06	51	50	-1	SE	1	0	1	c	56	49	1	—	
	Leith ...	29.98	56	E	3	0	30.01	+08	60	56	+8	2	0	0	0	60	47	1	—		
	North Shields ...	29.97	57	NNE	3	b	30.02	+13	59	54	+1	N	2	0	3	c	59	48	1	—	
	Spurn Head ...	29.92	58	N	5	b	30.06	+23	56	55	-1	N	3	0	2	b	65	52	1	—	
FRANCE.	Yarmouth ...	29.84	60	NE	2	b	30.01	+25	56	55	-3	NNE	3	0	3	b	64	53	1	—	
	Loughborough ...	29.87	70	NE	3	b	30.08	+29	58	53	-3	N	1	0	0	b	71	52	1	—	
	Oxford ...	29.88	69	ESE	1	0	30.06	+32	59	56	-6	NE	2	0	0	0	74	59	1	—	
	London (Brixton) ...	29.82	70	NE	2	b	30.05	+32	62	58	-1	N	2	0	0	0	74	59	1	—	
	The Scaw (Skagen) ...	29.90	60	NNE	1	c	29.90	+05	62	60	-2	2	0	0	c	64	59	1	—		
	Fanö ...	29.95	60	NNE	2	c	29.94	+05	61	58	-3	N	3	0	0	c	72	59	1	—	
	Cuxhaven ...	29.88	68	NE	2	b	29.95	+08	64	61	+4	2	0	0	c	72	59	1	—		
	The Helder ...	29.83	66	ESE	1	b	29.94	+18	66	64	+2	NNE	1	0	0	b	70	61	1	—	
	Brussels ...	29.97	70	SE	1	b	29.97	+22	69	61	+5	NE	2	0	0	b	75	56	1	—	
	Berlin ...	29.84	70	SE	1	b	29.91	+07	65	59	+4	2	0	0	b	75	61	1	—		
SPAN. PEN.	Frankfurt ...	29.80	59	NE	2	+	29.90	+14	62	59	+6	NE	2	0	0	+	64	56	1	—	
	Munich ...	29.80	59	NE	2	+	29.90	+14	62	59	+6	NE	2	0	0	+	64	56	1	—	
	C. Griş Nez ...	29.80	69	E	3	b	29.97	+28	59	59	-2	NE	2	0	2	b	73	52	1	—	
	Brest ...	29.85	69	NNE	3	b	30.06	+33	59	59	+3	N	1	0	1	b	77	56	1	—	
	Lorient ...	29.80	63	N	4	c	30.03	+37	59	59	+2	NNE	3	0	3	c	70	57	1	—	
	Rochefort ...	29.78	63	N	5	0	29.96	+29	61	59	+2	NNE	3	0	0	0	68	58	1	—	
	Biarritz ...	29.98	61	N	6	0	30.08	+19	63	62	+5	N	7	0	5	0	64	58	1	—	
	Paris ...	29.76	63	S	2	c	29.94	+29	61	59	+5	NNE	2	0	0	c	69	56	1	—	
	Belfort ...	29.73	65	2	0	c	29.86	+10	59	56	+2	NNE	3	0	0	c	72	55	1	—	
	Lyons ...	29.80	62	NNE	1	+	29.94	+16	59	53	-4	NNE	1	0	0	+	72	55	1	—	
SPAN. PEN.	Nice ...	29.62	71	SE	2	b	29.72	+09	69	60	-6	E	1	0	1	b	81	59	1	—	
	Perpignan ...	29.88	66	N	3	0	29.97	+14	63	56	-2	NNE	3	0	0	0	77	58	1	—	
SPAN. PEN.	Corunna ...	30.06	61	NNE	4	b	30.09	+10	65	60	+3	NNE	5	0	0	b	70	59	1	—	
	Lisbon ...	30.26	66	NE	3	0	30.29	+10	68	63	+2	NE	4	0	2	0	72	64	1	—	
SPAN. PEN.	Azores (P. Delgada) ...	30.26	66	NE	3	0	30.29	+10	68	63	+2	NE	4	0	2	0	72	64	1	—	

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 4<sup>th</sup> July, 1901.*

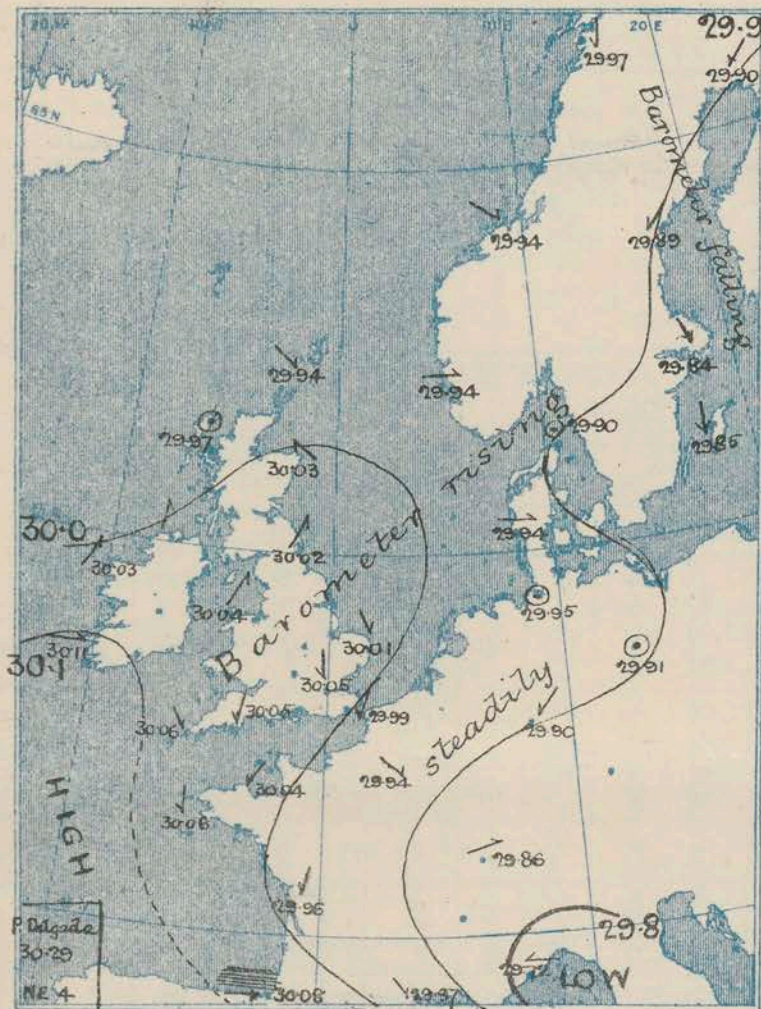
## I. BAROMETER, WIND AND SEA. This Morning.

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

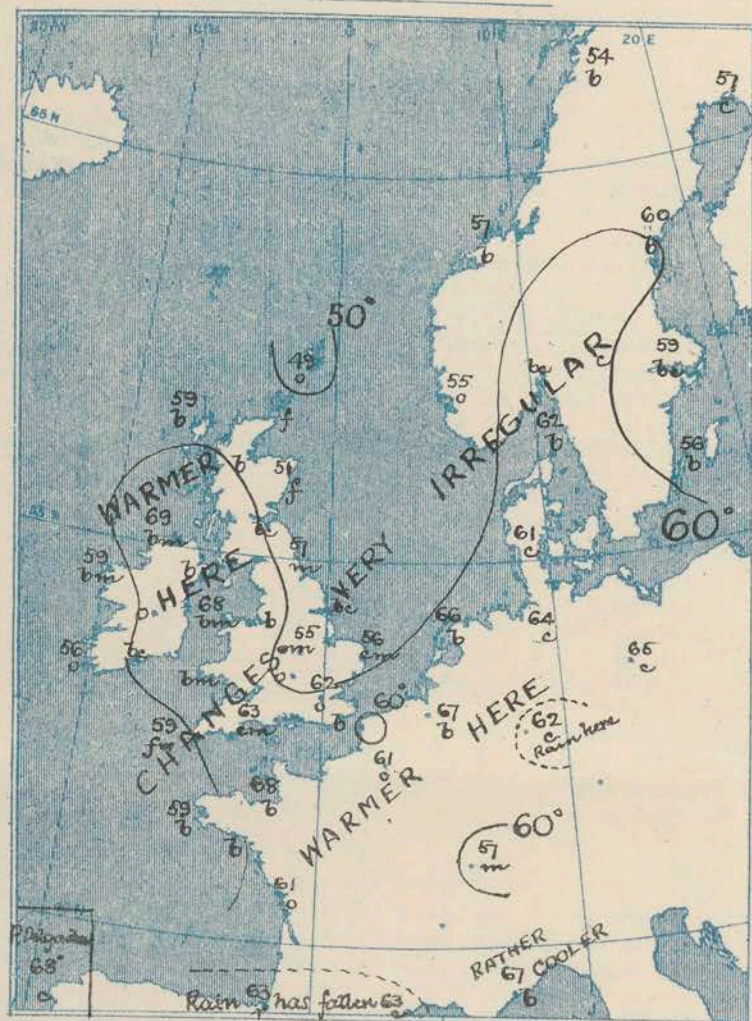


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

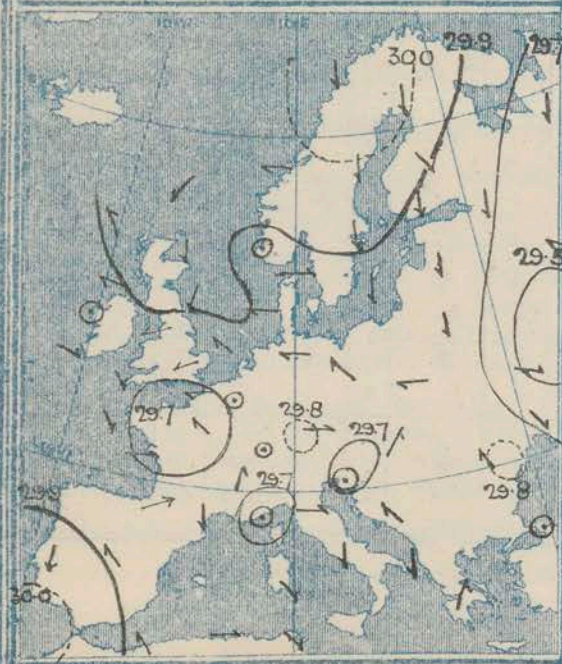
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.*

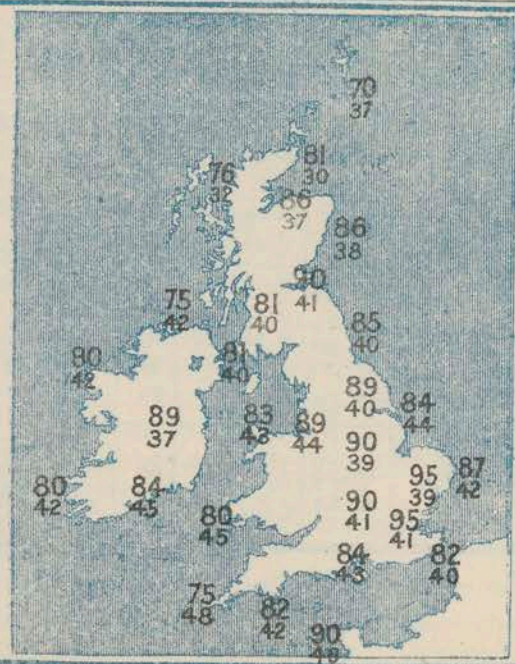


## IV. EXTREMES OF TEMPERATURE

*in month of JULY (1871-1900)*

Specimen { Highest Max, thus 85  
Lowest Min, " " 40

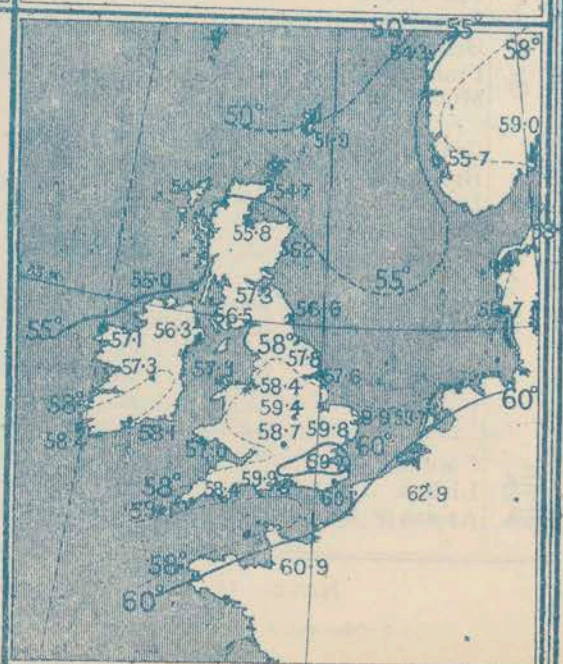
*Malin Head & Blacksod Values are for only 15 years*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Two monthly period*

*June - July (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

An anticyclone in which barometric readings range from 30.0 ins. to 30.1 ins. and upwards now embraces the whole of the United Kingdom, while the barometer is lowest, 29.8 ins. and less, over the extreme southeast of France. Pressure is apparently equally low in an area lying over Ireland. The barometer is still rising in nearly all parts of our area except the extreme north of Norway and over Sweden. In the Hebrides, however, the rise appears to have ceased.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is very light throughout our Islands and mainly anticyclonic, being S.W. or W. in Ireland, and N. over the greater part of England. In Scotland light variable airs or calms are prevalent. Over France and Germany there is a cyclonic circulation around the low pressure in the Riviera, and the W. wind at Biarritz blows a moderate gale. Over Sweden the wind is strong or fresh from the N.W. Fine weather prevails in nearly all parts of our area, but the sky is cloudy or overcast in a few places and fog is reported from the northeast of Scotland, at Scilly and Cape Fin Rez, and rain in the southwest of France. Temperature has changed rather irregularly, but seems to be rising over the country as a whole. Readings are now much above the normal over the north of Ireland and the northwest of England, but rather low on the east coast of Scotland (where fog prevails) and also over central England. At Malin Head the thermometer is as high as 69°, while elsewhere the readings range from 68° at Holthead and Liverpool, and 65° at Birmensham to 55° at Loughborough, 51° at Aberdeen, and 49° in the Shetlands. At the Continental stations the temperature does not differ much from the normal. The highest maxima recorded in our Islands yesterday were 74° at Liverpool, Oxford, in London and at Portsmouth. No measurable quantity of rain fell yesterday except at Frankfurt, Biarritz and Perpignan. The sea is rather rough at Biarritz, smooth elsewhere. Bright sunshine was very prevalent; the largest amounts were 15.3 hrs. at Stromway, 15.0 hrs. at Southport, 13.6 hrs. at Eastbourne and 13.1 hrs. at Brighton.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

It appears probable that fine, bright weather will prevail over our Islands for a time with a rising temperature. The extreme northwest may, however, be affected somewhat by depressions in the Atlantic striking the coasts of Ireland and Scotland.

## FORECASTS \*

For the 24 hours ending at NOON on 5<sup>TH</sup> JULY 1901

### DISTRICTS.

### FORECASTS.

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

Wind shifting to W. or N.W., fair, warm.

N.W. winds or variable airs; fine, warmer.

Same as N° 5.

Same as N° 2.

N. winds, light; fine, warm.

### DISTRICTS.

### FORECASTS.

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

Light variable airs; fine, very warm.

N. winds, light; fine and warm generally, but hazy in places.

Light or moderate N. or S.W. winds; fine, warm.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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 8 P.M.				THIS MORNING 8 A.M.						PAST 24 HOURS.			
	Bar.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.	Sun-
	Ins.	°			Ins. Change.	Dry.	Wet.	Change.					Max. Min.	shine. Hrs.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	b	*	b.c. b	69 55	12.5
Newton Reigny (Penrith)	29.92	68	20	b	30.02 +.17	63	58	+1	20	b	*	b.m	76 43	15.0
Bath	29.78	66	E.N.E. 2	b	30.05 +.33	61	59	-1	E.N.E. 1	b	*	b	74 57	11.6

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	68	52	c.b.c.b	10.0	0.01	Worthing	*	*	*	14.0	*
Birmingham, 9 p.m.	69	55	o.c. b	3.9	0.01	Llandudno 2.6 p.m.	*	*	*	9.0	*
Lowestoft, to 6 p.m.	62	55	o.c. b.w	8.3	0.01	Rhyl 2.6 p.m.	*	*	*	13.0	*
Hastings 3.6 p.m.	*	*	*	12.0	*	Southport	75	55	b	15.0	-
Eastbourne 4.6 p.m.	*	*	*	13.6	*	Manchester, 9 p.m.	74	56	o.c. b	10.5	-
Brighton	*	*	*	13.6	*	Darwen, 9 p.m.	70	51	o. b	13.3	-

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 3 <sup>rd</sup>	70	61	c, c	Ins.	Algiers ... JULY 3 <sup>rd</sup>	90	72	c, c	Ins.
Madrid	82	66	c, o	-	Tunis	-	-	-	-
Corsica (I. Sanguinaires)	82	64	m, m	-	Vienna	72	61	o, o	-
Rome	86	68	b, o	-	St. Petersburg	66	52	c, o	-
Florence	79	66	b, o	-	Lugano ... JULY 2 <sup>nd</sup>	79	-	b	Measured 7 a.m. 2.08
Trieste	81	54	o, c	-	Davos	68	-	b	0.45
Brindisi	90	67	b, b	-	Lucerne	72	-	o	1.38
Naples	78	57	b, c	-	Lausanne	61	-	o	0.28
Palermo	-	-	-	-					

## 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 Time.	Corresponding Greenwich Times.	JULY 4 <sup>th</sup> 1901.	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	3.38	11.59	8.16
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	3.51	12.44	8.17
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.15	12.16	9.17
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	4.29	12.45	9.1
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 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on

FRIDAY, JULY 5<sup>TH</sup>

1901.

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° Fair. 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 ...	29.81	60	NE	2	b	29.84	-0.06	61	53	+4	N	2	b	1	b	70	50	.	—	
	Hernösand ...	29.86	56	2	0	b	29.85	-0.04	63	55	+3	2	0	b	1	b	68	43	.	—	
	Stockholm ...	29.84	60	NW	2	b	29.84	0.0	66	54	+7	NW	2	b	1	b	68	48	.	—	
	Wisby ...	29.84	55	NW	4	b	29.87	+0.02	58	54	+2	N	4	b	1	b	61	48	.	—	
	Karlstad ...	29.88	66	NW	2	b	29.92	-0.02	64	59	+5	N	2	b	1	b	68	61	.	—	
	Færder (X'ania Fjord) ...	29.91	66	NW	4	b	29.88	-0.05	68	63	+4	NW	2	b	1	b	61	48	.	—	
	Bodö ...	29.95	58	2	0	b	29.99	+0.02	53	51	-1	N	4	b	1	b	64	50	.	—	
	Christiansund ...	30.01	60	N	1	b	30.01	+0.07	59	55	+2	NW	1	b	1	b	64	50	.	—	
	Skudesnaes ...	30.01	55	NW	2	0	30.02	+0.08	53	53	-2	NW	4	0	2	0	59	52	.	—	
	Sumburgh Head ...	29.99	57	NW	1	0	29.99	0.0	55	55	+6	2	0	0	2	0	55	49	.	—	
BRITISH ISLANDS.	Stornoway ...	29.97	63	NW	4	+	30.06	-0.09	56	54	-3	NW	4	0	4	0.7	72	50	8.8	0.08	
	Malin Head ...	30.03	59	N	3	cg	30.11	+0.13	55	54	-14	N	3	om	3	cg	70	58	.	—	
	Blacksed Pt. ...	30.08	60	NW	4	+	30.18	+0.15	58	56	-1	NW	3	c	3	om.7	65	58	.	0.03	
	Valencia ...	30.15	60	2	0	om	30.21	+0.10	59	58	+3	N	1	+	3	or. om	63	56	4.4	0.08	
	Roche's Point ...	30.13	63	NW	2	b	30.20	+0.11	64	61	+2	NW	2	c	3	b	70	60	.	—	
	Parsonstown ...	30.09	71	N	1	c	30.17	+0.10	60	59	0	NW	1	c	2	c	71	59	2.7	—	
	Donaghadee ...	30.03	72	N	3	cg	30.10	+0.07	59	56	-6	NW	2	+	2	cm	72	58	.	0.12	
	Liverpool Obsy. ...	30.07	69	NW	1	b	30.12	+0.08	66	61	-2	N	1	b	1	b	73	60	.	—	
	Holyhead ...	30.09	68	NW	1	c	30.15	+0.11	56	55	-1.2	N	2	w	1	cm. c	74	54	13.1	—	
	Pembroke (St. Ann's) ...	30.13	59	NW	2	b	30.17	+0.10	59	59	-6	2	2	f	2	b. f	?	54	.	—	
GERMANY, &c.	Scilly (St. Mary's) ...	30.16	61	NW	2	0	30.21	+0.15	60	60	+1	NW	3	om	2	b.0	64	56	5.9	0.02	
	Jersey (St. Aubins) ...	30.14	68	N	3	b	30.25	+0.21	58	57	-10	N	4	om	3	b. b. w	74	57	13.6	—	
	Portland Bill ...	30.12	62	NW	2	b	30.19	+0.14	59	58	-4	NW	1	b	2	b	68	57	.	—	
	Dungeness ...	30.08	63	N	2	b	30.11	+0.12	68	64	+3	NW	2	b	2	b. f	71	56	.	—	
	Wick ...	29.98	56	E	2	f	30.05	+0.01	55	55	+5	N	1	m	1	f	57	50	.	—	
	Nairn ...	29.99	59	E	2	m	30.03	+0.03	62	60	+3	N	1	om	1	f	58	53	9.2	0.11	
	Aberdeen ...	30.01	60	SE	2	b	30.04	+0.01	61	58	+10	SE	1	c	1	b. b. f	62	50	.	0.02	
	Leith ...	30.01	60	E	1	b	30.04	+0.03	66	62	+6	N	4	0	4	b	66	56	.	—	
	North Shields ...	30.03	61	E	2	b	30.06	+0.04	69	62	+12	N	2	m	2	m. b. f	69	57	.	—	
	Spurn Head ...	30.07	60	SE	3	b	30.09	+0.03	63	61	+7	NW	3	m	1	b	63	56	.	—	
FRANCE.	Yarmouth ...	30.05	63	NW	3	b	30.09	+0.08	61	59	+5	SE	3	b	3	b. b	63	54	.	—	
	Loughborough ...	30.04	78	N	1	b	30.12	+0.04	68	62	+13	N	2	b	1	b. m	81	58	.	—	
	Oxford ...	30.08	72	NW	1	b	30.15	+0.09	67	63	+10	NW	1	b	1	b	78	56	11.3	—	
	London (Brixton) ...	30.05	77	NW	2	b	30.14	+0.09	67	63	+5	E	1	b	1	b	80	57	.	—	
	The Scaw (Skagen) ...	29.95	65	2	0	b	29.97	+0.07	63	60	+1	N	2	b	0	b	72	58	.	—	
	Fanö ...	29.96	59	NW	2	c	30.03	+0.09	60	58	-1	N	2	b	1	c	63	54	.	—	
	Cuxhaven ...	29.97	61	NW	2	0	30.01	+0.06	62	59	-2	NW	4	b	1	0	66	59	.	—	
	The Helder ...	30.01	60	N	2	b	30.08	+0.14	58	54	-8	NW	1	c	0	b	70	52	.	—	
	Brussels ...	...	...	...	...	...	30.13	+0.16	56	56	-11	N	1	c	1	b	78	52	.	—	
	Berlin ...	29.93	67	NW	3	c	29.97	+0.06	61	56	-4	N	4	c	1	c	73	57	0.04	—	
SPAN. PEN.	Frankfurt ...	29.99	65	N	2	b	30.06	+0.16	64	60	+2	NW	2	c	1	b	77	59	0.12	—	
	Munich ...	30.02	58	2	0	c	30.14	...	58	56	...	N	2	c	1	c	64	54	.	—	
	C. Gris Nez ...	30.10	60	E	1	f	30.12	+0.15	61	59	+2	NW	3	m	2	f	64	54	.	—	
	Brest ...	30.19	61	NW	2	b	30.24	+0.18	59	57	-2	NW	2	f	2	b	61	57	.	—	
	Lorient ...	30.13	69	NW	3	b	30.26	+0.23	57	56	-2	NW	3	f	2	b	73	58	.	—	
	Rochefort ...	30.17	65	NW	4	c	30.23	+0.27	64	63	+3	NW	2	b	1	c	75	57	.	—	
	Biarritz ...	30.20	64	NW	3	0	30.30	+0.22	64	64	+1	NW	3	c	2	0	66	59	0.08	—	
	Paris ...	30.05	74	N	2	b	30.19	+0.25	65	60	+4	N	1	b	1	b	75	58	.	—	
	Belfort ...	29.96	62	NW	2	m	30.12	+0.26	58	55	-2	NW	2	f	1	m	69	53	0.24	—	
	Lyons ...	30.03	61	NW	1	+	30.15	+0.21	64	58	+9	N	1	f	1	+	71	57	0.08	—	
Nice ...	29.82	67	E	1	c	29.97	+0.25	64	59	-3	E	1	b	1	c	77	58	.	—		
Perpignan ...	30.03	72	N	5	b	30.14	+0.17	69	60	+6	N	3	b	1	b	77	63	.	—		
SPAN. PEN.	Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Lisbon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
SPAN. PEN.	Azores (P. Delgada) ...	30.38	67	NE	3	b	30.38	+0.9	69	66	+1	NE	3	c	3	b	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.

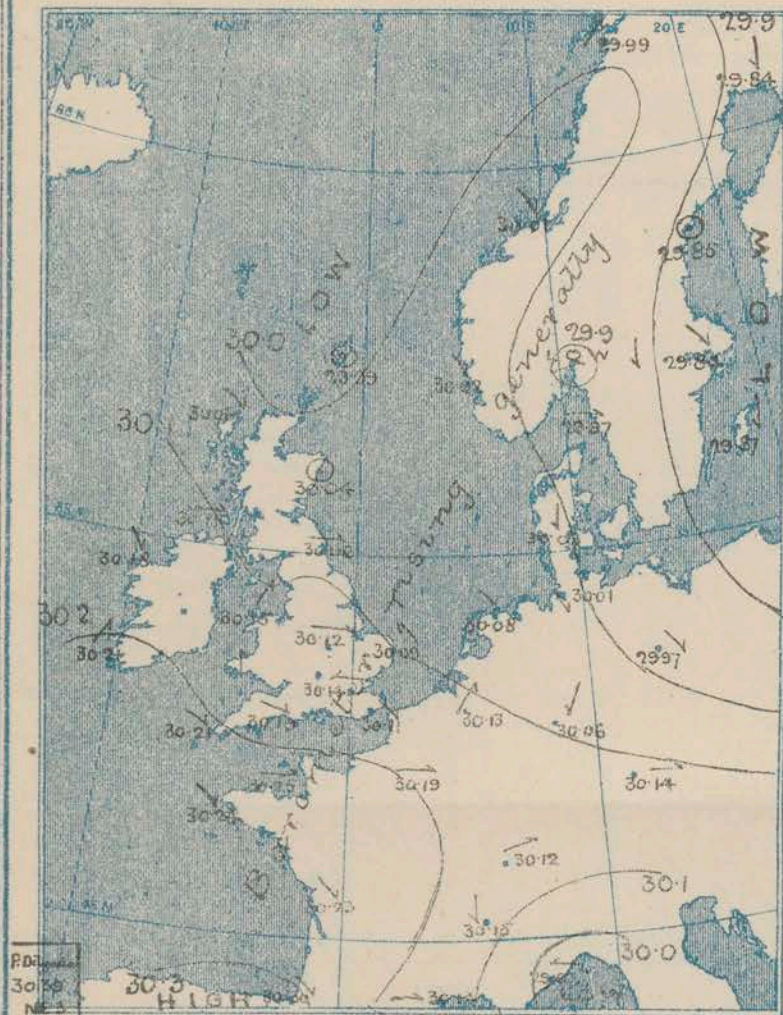


# WEATHER CHARTS

FOR Friday 5<sup>th</sup> July, 1901.

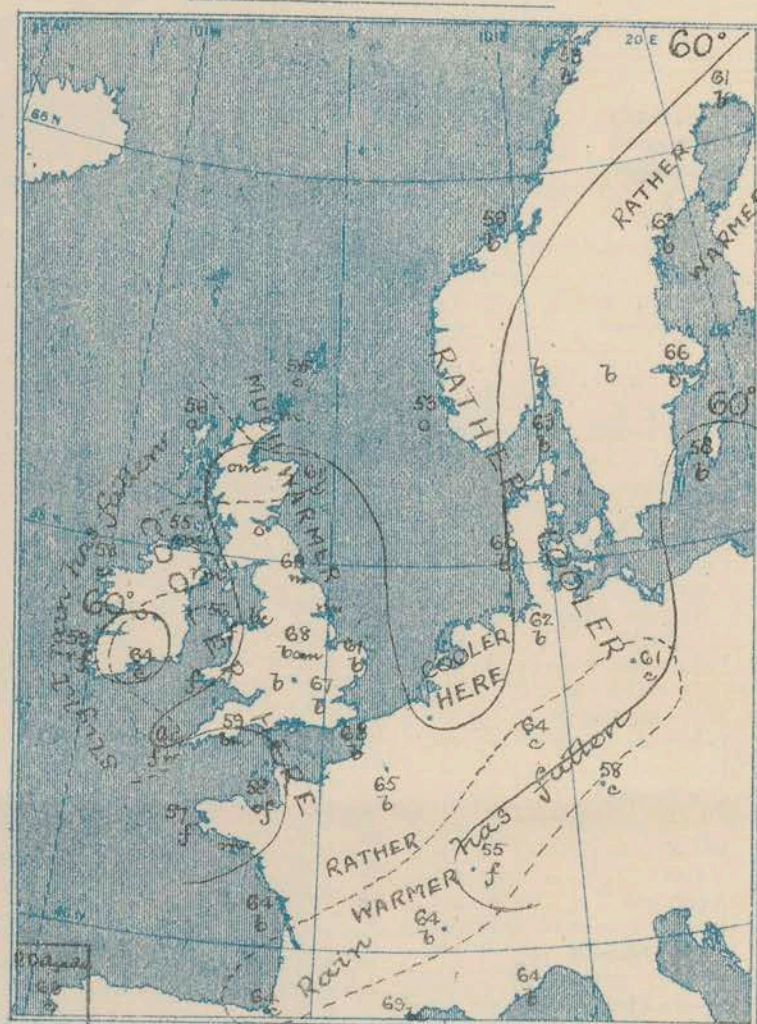
## I. BAROMETER, WIND AND SEA. This Morning.

**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



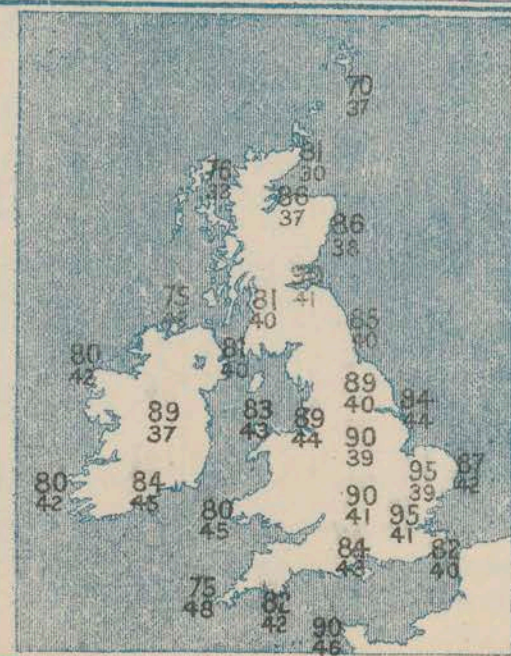
## III. BAROMETER AND WIND

Yesterday morning.



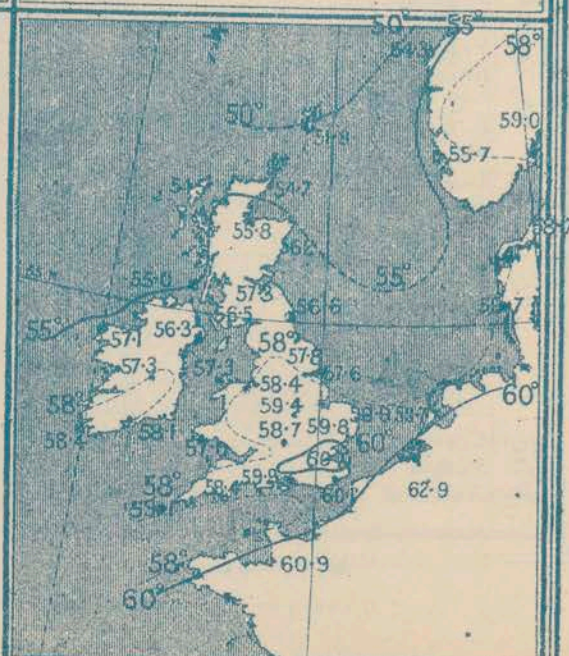
## IV. EXTREMES OF TEMPERATURE

in month of JULY (1871-1900)  
 Specimen { Highest Max, thus 85  
 Lowest Min, " " 40  
 Malin Head & Blacksod Values are for only 15 years



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the Two monthly period  
 June-July (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The anticyclone continues to spread over the Kingdom from the southwestward and is at the same time increasing slowly in intensity. Near the centre of the system, i.e. in the extreme southwest of France, the barometer stands at 30.3 ins. and is as high as 30.2 ins. over the south of Ireland, the southwest of England and the greater part of France. Pressure is lowest over Sweden and in the Christiania Fjord, 29.9 ins. and less, and rather low over the Riviera where the barometer is 30.0 ins. and less. Pressure continues to increase in all parts of our area, although a very shallow "V" shaped disturbance is shown between Belfast and the Cumberland Coast.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is very light and mainly W<sup>ly</sup> or NW<sup>ly</sup>, but there are many local irregularities in the direction both in our Islands and on the Continent. The weather is fine and bright generally, but dull at many of the western and northern stations, with mist or fog on our west or southwest coasts and rain at Valencia and Bonaghader. Temperature has risen as a whole, but owing to the presence of fog or mist, it has fallen at the western and southwestern coast stations. The readings now vary from 69° at Shields, to 68° or 64° over Central England and at Limerick and 66° at Loughborough, and to 55° at Malin Head and in the Shetlands. At Shields and Loughborough it is 12° or 13° higher than it was yesterday morning, while at Malin Head and Malin Head it is 12° or 14° lower. At the Continental stations it is not very high, the readings ranging from 69° at Perpignan and 65° at Paris to 55° at Belfast, and from 66° at Stockholm to 53° at Skutumpah and Bodö. The sea is slight or smooth. The highest temperatures recorded yesterday were 81° at Loughborough and 80° in London, Harrogate and Newton Regency. Slight rain fell yesterday in parts of Ireland and Scotland. Bright sunshine was again very prevalent generally, but small in Ireland and at Scilly. The largest amounts were 14.4 hrs. at Southport, 14.3 hrs. at Clacton-on-Sea, 13.7 hrs. at Harwen and 13.6 hrs. at Jersey. At Valencia only 4.4 hrs. were registered and at Portsmouth less than 3 hrs.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine, warm weather is likely to prevail generally, but fog or mist may continue on different parts of the southwestern coasts.

## FORECASTS \*

For the 24 hours ending at NOON on 6<sup>th</sup> JULY 1901

### DISTRICTS.

### FORECASTS.

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

NW<sup>ly</sup> or variable airs; fine, warm.

Light W<sup>ly</sup> airs; fine, very warm especially inland.

### DISTRICTS.

### FORECASTS.

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

Light NW<sup>ly</sup> or W<sup>ly</sup> breezes; haze or fog in places; otherwise fine and warm.

Light W<sup>ly</sup> and NW<sup>ly</sup> winds, fine and warm generally, but some fog on coast.

Variable or W<sup>ly</sup> airs; fine, warm inland; hazy in places.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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 8 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.b	72	55	14.5	—
Newton Reigny (Penrith)	30.03	75	W 50/1	b	30.08	+0.05	64	61	+1	20	cm	"	bom	80	53	12.5	—
Bath	30.05	71	N 2	bc	30.17	+1.2	60	59	-1	11	0	"	bc	78	57	9.4	—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Rainfall.		STATIONS.	TEMPERATURE.		Weather.	Sunshine. Rainfall.	
	Max.	Min.		Hrs.	Ins.		Max.	Min.		Hrs.	Ins.
Harrogate, 6 p.m. ... ..	80	48	c.b.w.c.b	11.6	—	Worthing ... ..	*	*	*	11.7	*
Birmingham, 9 p.m. ... ..	78	52	c	8.5	—	Llandudno (to 6 p.m.)	*	*	*	13.5	*
Lowestoft, to 6 p.m. ... ..	64	53	c.o.c.b	8.6	—	Rhyl ... (to 6 p.m.)...	*	*	*	12.8	*
Hastings ... ..	*	*	*	13.5	*	Southport ... 9 p.m. ...	74	50	b.c	14.4	—
Eastbourne (to 6 p.m.) ... ..	*	*	*	10.1	*	Manchester, 9 p.m. ...	81	51	b	13.5	—
Brighton ... ..	*	*	*	12.5	*	Darwen, 9 p.m. ...	78	49	b. b.w	13.7	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 4 <sup>TH</sup>	81	61	o, o	Ins.	Algiers ... JULY 4 <sup>TH</sup>	91	72	c, b	Ins.
Madrid ... ..	81	50	c, b	—	Tunis ... ..	102	70	c, c	—
Corsica (I. Sanguinaires) ...	84	61	m, m	—	Vienna ... ..	761	57	r, o	?
Rome ... ..	84	68	o, c	—	St. Petersburg ... ..	61	46	o, r	0.47
Florence ... ..	78	63	bc, o	1.50	Lugano ... JULY 3 <sup>RD</sup>	70	—	c	Measured 7 a.m. 8 <sup>TH</sup> 2.44
Trieste ... ..	86	68	c, c	—	Davos ... ..	59	—	bc	1.30
Brindisi ... ..	94	66	o, c	—	Lucerne ... ..	68	—	c	0.71
Naples ... ..	84	69	o, c	—	Lausanne ... ..	66	—	b	0.51
Palermo ... ..	103	67	o, 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.	<i>July 5<sup>th</sup> 1901.</i>	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 ... ..	3.38	11.57	8.16
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	3.51	12.44	8.14
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.16	12.16	9.16
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.29	12.45	9.1
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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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, JULY 6TH 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		Weather.	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day	Direc.	Force (0 to 12.)			Weather.	Max.	Min.			Sur- face.
SCANDINAVIA.	Haparanda ...	29.82	65	2	0	bc	29.83	-0.01	67	58	+6	E	2	b	2	bc	77	48	.	—		
	Hernösand ...	29.91	57	2	0	b	29.88	+0.03	68	57	+5	W	2	b	2	b	75	45	.	—		
	Stockholm ...	29.80	67	2	0	b	29.90	+0.06	69	55	+1	NW	2	b	2	b	77	52	.	—		
	Wisby ...	29.82	64	SE	4	b	29.89	+0.02	60	55	+2	N	4	b	2	b	64	52	.	—		
	Karlstad ...	29.88	71	SE	2	b	29.93	+0.01	66	61	+2	ESE	2	b	2	b	.	.	.	—		
	Færder (Xiania Fjord)	29.87	68	SE	4	c	29.93	+0.05	64	61	-4	ESE	2	m	2	c	72	63	.	—		
	Bodö ...	30.01	53	NW	2	o	30.01	+0.02	52	49	-1	W	2	o	1	o	57	50	.	—		
	Christiansund ...	30.04	59	NW	2	b	30.04	+0.03	56	50	-3	W	2	c	2	b	68	52	.	—		
	Skudesnaes ...	30.04	56	NW	4	c	30.05	+0.03	57	55	+4	NW	4	o	2	c	59	52	.	.		
	Sumburgh Head	30.04	53	NW	3	o	30.11	+0.12	51	49	-4	NW	2	o	3	o	57	49	1.1	—		
BRITISH ISLANDS.	Stornoway ...	30.17	56	NW	4	o	30.21	+0.15	53	50	-3	NW	2	o	2	b.c	59	53	.	—		
	Malin Head ...	30.19	56	NW	3	o	30.26	+0.15	54	54	-1	NW	2	o	2	b	61	53	.	—		
	Blacksod Pt. ...	30.25	59	NW	2	bc	30.31	+0.13	57	51	-1	NW	2	bc	2	bc	61	53	1.6	0.01		
	Valencia ...	30.23	63	NW	2	o	30.31	+0.10	59	54	0	NW	3	b.c	3	o	63	51	.	.		
	Roche's Point ...	30.22	65	NW	2	o	30.29	+0.09	58	55	-6	NW	4	b	3	o	69	53	.	—		
	Parsonstown ...	30.24	64	NW	1	o	30.29	+0.12	55	51	-5	NW	1	o	4	o	66	46	0.5	—		
	Donaghadee ...	30.17	57	NW	2	bc	30.23	+0.13	55	50	-2	NW	4	o	4	b	57	50	.	0.02		
	Liverpool Obsy.	30.14	60	W	3	o	30.22	+0.10	57	51	-9	NW	2	o	3	o	67	54	.	—		
	Holyhead ...	30.17	57	NW	2	f	30.24	+0.09	56	53	0	N	2	o	1	f.d.f	62	52	.	—		
	Pembroke (St. Ann's)	30.17	61	W	3	f	30.23	+0.06	60	56	+1	NW	5	b.c	4	c	61	55	0.9	—		
GERMANY, &c.	Scilly (St. Mary's)...	30.22	60	NW	3	o	30.18	-0.03	60	58	0	NW	3	m	2	c.o.f	64	56	0.7	—		
	Jersey (St. Aubins)...	30.23	61	NW	4	o	30.17	-0.08	61	59	+3	W	3	o	3	c.m.b	63	57	1.7	—		
	Portland Bill ...	30.16	60	NW	2	b	30.15	-0.04	61	61	+2	NW	1	o	2	b.m.	63	57	.	0.02		
	Dungeness ...	30.09	62	NW	4	c	30.10	-0.01	58	58	-10	W	2	f	2	o.c	73	55	.	—		
	Wick ...	30.11	60	N	3	c	30.18	+0.18	54	51	-3	N	3	o	1	c	64	47	.	—		
	Nairn ...	30.14	58	E	1	f	30.21	+0.18	53	52	-9	E	1	o	1	o.f	62	50	.	0.04		
	Aberdeen ...	30.13	57	N	1	o	30.22	+0.18	53	51	-6	NW	1	o	1	o.f	65	51	0.9	0.07		
	Leith ...	30.08	67	W	3	bc	30.21	+0.17	54	53	-12	E	1	o	1	b	71	52	.	0.04		
	North Shields ...	30.09	66	W	0	o	30.20	+0.14	56	55	-13	N	2	o	0	c.o.f	77	55	.	0.01		
	Spurn Head ...	30.06	68	SE	3	b	30.14	+0.05	58	58	-5	N	3	c	2	b.c	73	57	.	0.19		
FRANCE.	Yarmouth ...	30.06	65	SE	2	c	30.09	0.0	64	61	+3	N	3	b	3	b.c	67	58	.	0.02		
	Loughborough ...	30.09	75	NW	3	c	30.16	+0.04	61	59	-7	W	2	o	2	b.c	82	59	.	—		
	Oxford ...	30.10	70	NW	3	b	30.14	-0.01	64	60	-3	N	2	b	2	b	79	60	.	—		
	London (Brixton)	30.08	78	W	2	b	30.11	-0.03	67	63	0	N	2	b	2	b	83	58	12.5	—		
	The Scaw (Skagen)	29.97	60	NW	4	b	29.97	0.0	61	59	-2	W	3	o	2	b	73	60	.	—		
	Fanö ...	30.08	57	W	2	c	30.09	+0.06	57	54	-3	W	2	c	2	c	66	53	.	—		
	Cuxhaven ...	30.07	63	NW	2	c	30.10	+0.09	61	58	-1	NW	2	c	2	c	64	57	.	—		
	The Helder ...	30.08	63	NW	2	c	30.09	+0.01	63	60	+5	NW	1	c	1	c	64	54	.	—		
	Brussels ...	...	...	...	...	...	30.11	-0.02	64	60	+8	NW	2	m	2	o	77	55	.	—		
	Berlin ...	29.98	67	NW	3	b	30.04	+0.07	67	57	+6	NW	2	b	2	b	68	59	.	—		
SPAN. PEN.	Frankfurt ...	30.10	60	N	2	b	30.12	+0.06	58	55	-6	SE	1	b	2	b	72	54	.	—		
	Munich ...	30.13	53	W	5	c	30.16	+0.02	57	53	-1	W	4	o	2	c	68	52	.	0.6		
	C. Gris Nez ...	30.07	64	NW	3	bc	30.10	-0.02	58	58	-3	NW	2	f	2	b	75	53	.	—		
	Brest ...	30.26	60	NW	1	m	30.19	-0.05	57	57	0	NW	1	f	1	m	64	57	.	—		
	Lorient ...	30.23	64	NW	4	b	30.21	-0.05	60	59	+2	W	2	o	1	b	70	57	.	—		
	Rochefort ...	30.27	65	W	4	bc	30.25	+0.02	62	59	-2	NW	3	o	2	m.b	73	57	.	—		
	Biarritz ...	30.28	65	NW	3	m	30.25	-0.05	63	63	-1	ESE	1	o	2	m	70	63	.	—		
	Paris ...	30.15	74	NW	3	b	30.17	-0.02	59	57	-6	NW	1	o	2	b	80	57	.	—		
	Belfort ...	30.04	71	NW	4	c	30.10	-0.02	60	57	+5	NW	2	m	2	c	74	55	.	—		
	Lyons ...	30.14	73	NW	1	b	30.13	-0.02	66	58	+2	NW	2	b	2	b	79	59	.	—		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR Saturday 6<sup>th</sup> July, 1901.

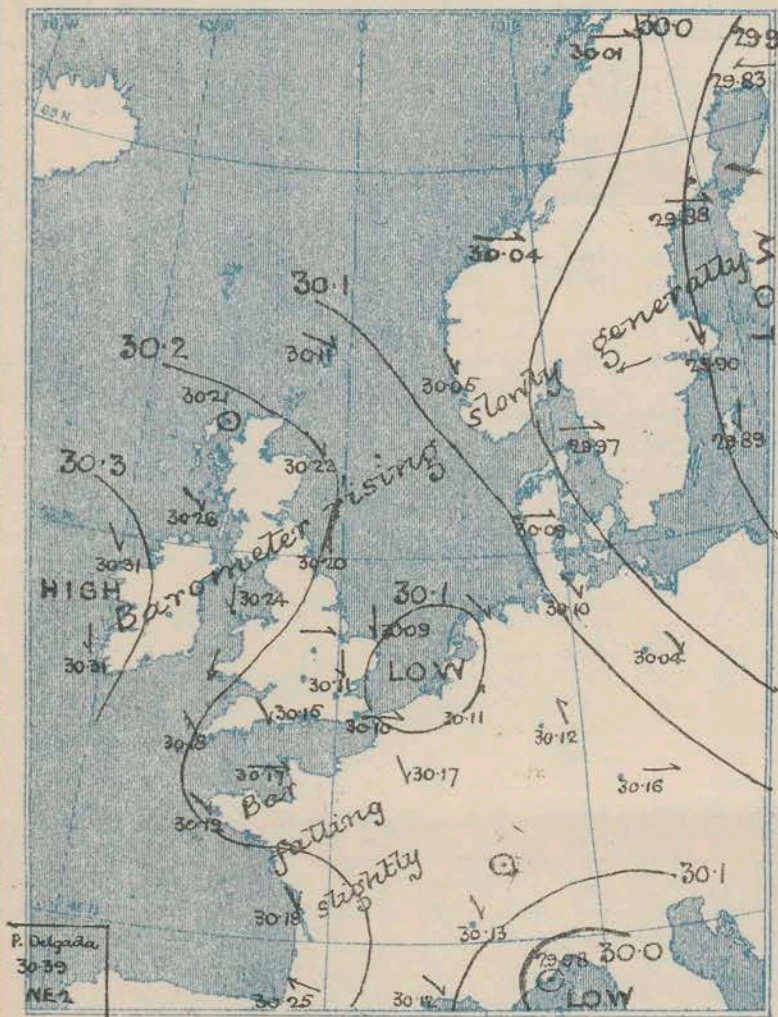
## I. BAROMETER, WIND AND SEA. This Morning.

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

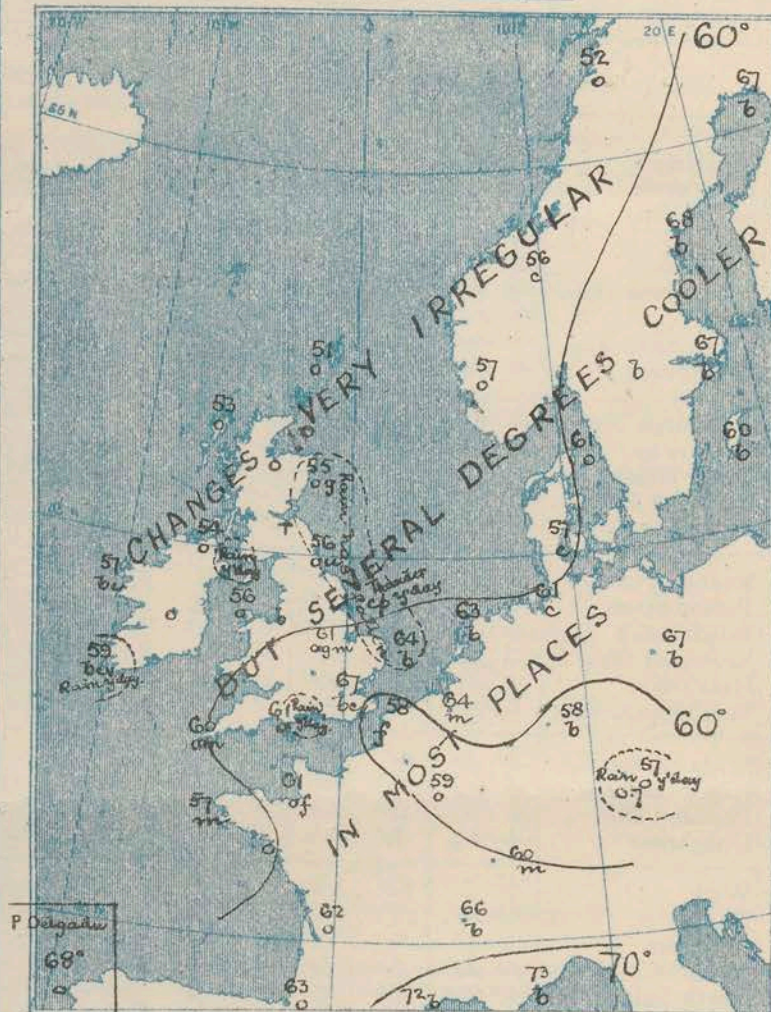


## II. TEMPERATURE AND WEATHER. This Morning.

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—0.8



## III. BAROMETER AND WIND

Yesterday morning.

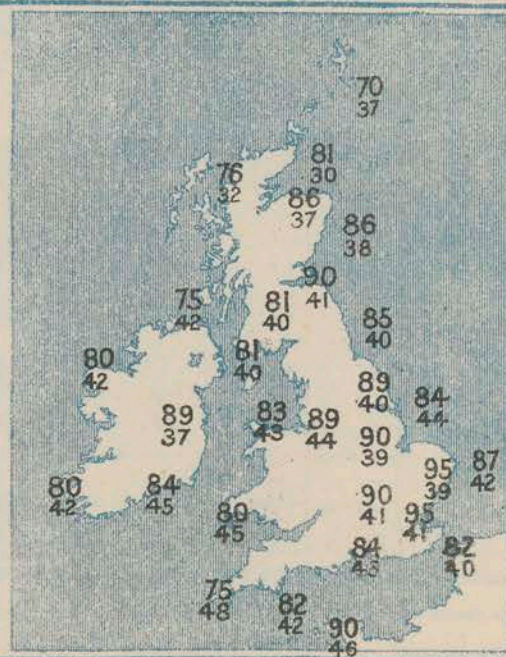


## IV. EXTREMES OF TEMPERATURE

in month of JULY (1871-1900)

Specimen { Highest Max, thus 85  
Lowest Min, " " 40

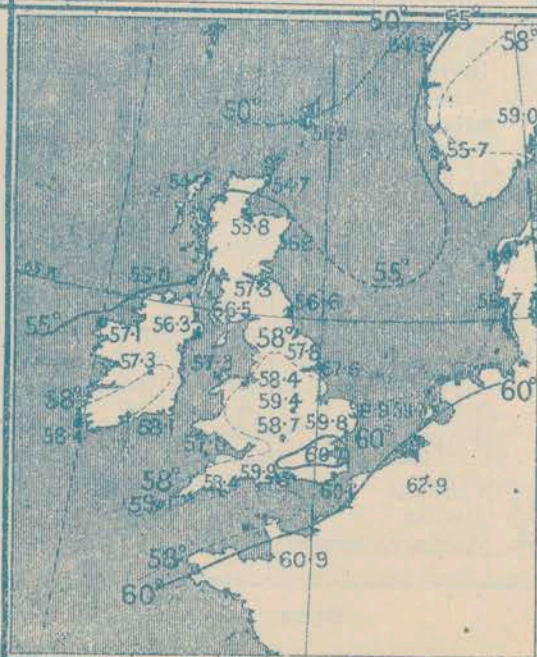
Malin Head & Blacksod Values are for only 15 years



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

June - July (1871-1900)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The anticyclone noticed recently continues to extend over the western and northern parts of our Islands and the barometer is now as high as 30.3 in. in the west of Ireland & 30.2 in. & more over Scotland, the north of England, Wales and the Bay of Biscay. Pressure is still lowest in Sweden where the barometer is below 29.9 in. It is also rather low, 30.1 in. & less, over our Southeast Coast & the Netherlands where a small shallow depression is shown. There is still a depression 30.0 in. & less, over the Riviera. The barometer is falling over the west and northwest of France, rising elsewhere.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is light in all parts of our area except Pembroke, where it blows freshly. It is principally between N. and NW in direction, but draws into SW. in the Straits of Dover and at Brussels and is rather variable in part of Scandinavia. The weather has become cloudy or dull in many parts of the Kingdom and also in the west and north of France. The fog has dispersed on our southwest coast, but still holds at Jersey & has now extended to the Straits of Dover. Rain is falling at Leith and passing showers at Spurn Head. Temperature has fallen generally and readings now range from 67° in London and 64° at Oxford to about 55° over northern Ireland & rather less over Scotland. In France it ranges from 73° at Nice to 57° at Brest & over Scandinavia from 62° at Helsingfors to 52° at Bodö. The sea is moderate at Douglashead & Pembroke, slight & smooth elsewhere. During yesterday the thermometer rose to 83° in London, 82° at Rotherham & 79° at Clacton-on-Sea. At our W. & N. stations the maxima were much lower, being very little above 60° in many places & failing to reach that value in the N. & NE. of Ireland, the Hebrides and Shetland. A reading of 77° was recorded at Haparanda, 80° at Paris & 83° at Perpignan. Thunder was heard last evening at Looe & Spurn Head. Slight rain has fallen at some of our N. & NE. stations, and a considerable amount at Munich. Bright sunshine was very deficient over Ireland, Scotland and the W. of England, but fairly prevalent on our SE. & S. coast and also over central England. Clacton-on-Sea had 12.7 in., London 12.5 in., Bournemouth 11.9 in. & Harrogate 10.9 in.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depression in the southeast and another which is apparently in course of formation over the western parts of the Channel are likely to cause local thunderstorms in the south-western districts, but elsewhere fair weather will probably continue.

## FORECASTS \*

For the 24 hours ending at NOON on 7<sup>th</sup> JULY 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	{ N <sup>W</sup> or NW <sup>W</sup> light winds; fair weather generally, but dull in places.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	{ Variable N <sup>W</sup> and NW <sup>W</sup> winds; fair at first, local thunderstorms later, close air.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	{ Same as N <sup>W</sup> 0 and 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	{ N <sup>W</sup> and NW <sup>W</sup> light winds, weather becoming unsettled with thunder and rain in places.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	{ N <sup>W</sup> and NW <sup>W</sup> winds; light, fine.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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 8 P.M.				THIS MORNING 8 A.M.								PAST 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on Sea	*	*	*	*	*	*	*	*	*	*	m	*	b.m	79	60	12.7	—
Newton Reigny (Penrith)	30.12	66	W 1/2	o	30.19	+11	57	54	-7	N 1	c	*	ogmc	72	47	2.5	—
Bath	30.14	69	N 3	b	30.17	0.0	64	60	+4	N 1	c	*	b	73	61	9.6	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	77	59	b.c.b	10.9	—	Worthing	*	*	*	11.9	*
Birmingham, 9 p.m.	78	58	b.c	10.1	0.04	Llandudno 2.6 p.m.	*	*	*	1.0	*
Lowestoft, 6 p.m.	67	52	b.w.c.b.t.l	11.3	—	Rhyl 2.6 p.m.	*	*	*	4.0	*
Hastings	*	*	*	10.4	*	Southport 9 p.m.	65	58	c.o.c	4.4	—
Eastbourne 2.6 p.m.	*	*	*	9.6	*	Manchester, 8.30 p.m.	74	58	b.c	7.0	—
Brighton	*	*	*	10.5	*	Darwen, 9 p.m.	70	56	q.f. or w	5.1	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 5 <sup>th</sup>	—	—	—	Ins.	Algiers JULY 5 <sup>th</sup>	88	72	c, c	—
Madrid	86	55	c, b	—	Tunis	90	70	o, b	—
Corsica (I. Sanguinaires)	81	63	m, m	—	Vienna	72	61	c, o	—
Rome	81	66	b, b	—	St. Petersburg	52	46	r, r	0.35
Florence	75	60	b, b	—	Lugano JULY 4 <sup>th</sup>	66	—	r	Measured 7 a.m. 0.08
Trieste	79	66	r, o	0.32	Davos	48	—	r	0.08
Brindisi	93	64	b, c	—	Lucerne	61	—	o	—
Naples	78	65	o, o	—	Lausanne	64	—	o	0.08
Palermo	84	61	o, 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.

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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.	July 6 <sup>th</sup> 1901.	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 ... ..	3.39	11.58	8.16
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	3.52	12.5	8.16
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.18	12.17	9.15
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.30	12.46	9.0
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 7<sup>th</sup> July, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	Force (0 to 12.)	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Force (0 to 12.)	Weather.	Sea (0 to 9.)	TEMP.		Sun- shine. Hours	Rainfall. Ins.
		At 82° and M.S.L.	Ins.	Dry Bulb.	Direc.				At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Max.				Min.			
SCANDINAVIA.	Haparanda ...	29.86	66	NE	2	b	29.93	+ .10	64	58	- 3	Z	0	b	*	b	77	54	*	-		
	Hernösand ...	29.84	64	Z	0	b	29.92	+ .04	68	58	- 0	NNW	0	b	*	b	80	48	*	-		
	Stockholm ...	29.92	64	SW	2	b	29.90	- .00	72	64	+ 5	W	2	b	*	b	77	54	*	-		
	Wisby ...	29.95	61	SSW	4	b	29.97	+ .08	62	58	+ 2	W	4	b	*	b	68	52	*	-		
	Karlstad ...	29.93	71	SW	2	b	29.95	+ .02	64	61	- 2	SSW	2	b	*	b	*	*	*	-		
	Färder (Göta Fjord) ...	29.94	64	S	2	c	29.99	+ .06	63	60	- 1	S	2	m	2	e	64	59	*	-		
	Bodö ...	30.00	54	Z	0	o	29.97	- .04	57	54	+ 5	ESE	2	o	1	o	57	51	*	-		
	Christiansund ...	30.40	54	WNW	5	o	30.11	+ .07	54	51	- 2	W	5	o	3	o	64	52	*	-		
	Skudesnaes ...	30.11	55	NNW	0	o	30.16	+ .11	54	52	- 3	NNW	0	o	2	o	59	50	*	-		
	Sumburgh Head ...	30.15	52	WNW	3	o	30.13	+ .02	52	50	+ 1	W	3	a	4	o	55	46	*	-		
Stornoway ...	30.21	62	NW	5	c	30.16	- .05	57	53	+ 4	SW	4	o	4	e	63	50	5.8	-			
Malin Head ...	30.29	60	NW	2	b	30.26	- .00	58	57	+ 1	W	2	of	2	e, f	60	54	*	0.01			
Blackod Pt. ...	30.31	58	W	3	o	30.30	- .01	53	58	+ 2	WSW	2	o	2	e, b	61	57	*	0.01			
Valencia ...	30.33	61	NW	3	c	30.29	- .02	61	58	+ 2	Z	0	c	2	b, c	62	53	11.2	-			
BRITISH ISLANDS.	Roche's Point ...	30.31	63	SE	2	b	30.32	+ .03	65	58	+ 7	NE	1	b	1	b	70	55	*	-		
	Parsonstown ...	30.38	66	NNW	1	b	30.31	+ .02	62	58	+ 7	NE	1	b	2	b	66	54	5.9	-		
	Donaghadee ...	30.26	57	NNE	2	b	30.28	+ .05	58	54	+ 3	WNW	1	c	2	b	58	47	*	-		
	Liverpool Obsy. ...	30.24	60	W	2	b	30.29	+ .07	62	57	+ 5	SSW	1	b	1	b	63	53	*	-		
	Holyhead ...	30.27	57	NW	1	b	30.29	+ .05	60	56	+ 4	NNW	1	b	1	c, b	51	49	*	-		
	Pembroke (St. Ann's) ...	30.23	60	NNE	5	b	30.26	+ .03	61	60	+ 1	ESE	3	b	2	b	63	52	9.9	-		
	Scilly (St. Mary's) ...	30.23	60	N	5	c	30.20	+ .02	59	56	- 1	ENE	4	c	2	c	64	50	8.6	-		
	Jersey (St. Aubins) ...	30.17	63	W	3	ogm	30.20	+ .03	61	59	- 0	ENE	3	om	3	c, ogm	67	59	4.5	-		
	Portland Bill ...	30.15	68	NW	1	cm	30.24	+ .09	59	58	- 2	ENE	2	om	2	c, cm	76	58	*	-		
	Dungeness ...	30.14	62	E	1	o	30.21	+ .11	62	59	+ 4	NE	5	b	3	f, o	63	58	*	-		
Wick ...	30.20	58	S	2	c	30.16	- .03	60	58	+ 6	S	1	c	1	c	60	48	*	-			
Nairn ...	30.20	65	Z	0	b	30.19	- .02	64	58	+ 11	SW	4	c	1	b	65	45	*	-			
Aberdeen ...	30.23	55	S	2	c	30.21	- .01	62	57	+ 7	SE	2	b	1	o, c	64	44	*	-			
Leith ...	30.24	60	NNE	2	o	30.23	+ .02	61	55	+ 7	WSW	2	c	*	o	62	50	*	-			
North Shields ...	30.25	58	ESE	2	o	30.25	+ .05	62	58	+ 6	SW	2	b	2	o	62	54	*	-			
GERMANY, &c.	Spurn Head ...	30.23	58	NNE	4	o	30.28	+ .14	58	56	- 0	S	1	b	1	o	62	53	*	-		
	Yarmouth ...	30.15	62	N	4	c	30.26	+ .17	59	56	- 5	NE	4	b, c	4	b, c	67	56	*	-		
	Loughborough ...	30.23	61	NE	2	o	30.32	+ .16	58	54	- 3	NE	1	c	*	g, m, o, c	64	55	*	0.01		
	Oxford ...	30.21	63	NE	2	o	30.28	+ .14	59	53	- 5	NE	2	o	*	og	67	56	*	-		
	London (Brixton) ...	30.17	63	NNE	2	o	30.27	+ .16	59	57	- 8	ENE	2	o	*	o	73	57	2.7	-		
FRANCE.	The Scaw (Skagen) ...	29.97	62	WSW	1	o	30.01	+ .04	59	57	- 2	WSW	2	o	0	c	77	57	*	-		
	Fanø ...	30.13	56	W	4	c	30.14	+ .05	56	52	- 1	WNW	4	o	*	c	64	55	*	-		
	Cuxhaven ...	30.13	63	NNW	2	b	30.20	+ .10	59	55	- 2	NW	2	o	*	b	64	56	*	-		
	The Helder ...	30.13	62	NE	2	b	30.23	+ .14	59	55	- 4	N	2	o	2	b	66	57	*	-		
	Brussels ...	*	*	*	*	*	30.22	+ .11	60	57	- 4	NNE	2	o	*	c	75	54	*	-		
	Berlin ...	30.06	66	NE	2	b	30.12	+ .08	67	59	- 0	NW	2	b	*	b	82	63	*	-		
	Frankfurt ...	30.07	67	S	2	b	30.14	+ .02	64	59	+ 6	NE	2	b	*	b	77	57	*	-		
	Munich ...	30.16	61	Z	0	b	30.21	+ .05	62	58	+ 5	Z	0	c	*	b	70	54	*	-		
C. Gris Nez ...	30.13	58	ENE	1	f	30.22	+ .12	62	58	+ 4	E	5	o	4	f	64	54	*	-			
Brest ...	30.18	65	NW	2	c	30.16	- .03	60	59	+ 3	N	2	o	1	b	68	57	*	-			
Lorient ...	30.17	65	W	2	c	30.14	- .07	60	59	- 0	Z	0	b	1	c	70	57	*	-			
Rochefort ...	30.17	66	NW	3	b	30.15	- .10	65	63	+ 3	WNW	2	b	*	b	72	59	*	-			
Biarritz ...	30.19	64	NNW	3	o	30.13	- .12	61	61	- 2	SSE	2	r	1	o	64	59	*	0.12			
SPAN. PEN.	Paris ...	30.11	72	NW	2	b	30.17	- .00	61	61	+ 2	NNW	2	o	*	b	78	59	*	-		
	Belfort ...	30.07	63	ENE	2	o	30.09	- .01	61	59	+ 1	E	1	m	*	o	76	63	*	0.08		
	Lyons ...	30.06	75	N	1	b	30.12	- .01	65	57	- 1	NW	1	b	*	b	81	58	*	-		
	Nice ...	29.98	69	W	2	c	30.04	+ .06	70	64	- 2	Z	0	b	1	c	82	63	*	-		
	Perpignan ...	30.02	80	W	3	b	30.03	- .09	74	66	+ 2	Z	0	c	*	b	87	65	*	-		
Corunna ...	29.91	72	N	5	b	29.90	- .10	69	63	- 8	N	3	b	*	b	88	63	*	-			
Azores (P. Delgada) ...	30.36	67	NE	3	o	30.26	- .13	69	64	+ 1	N	2	b	2	o	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, 7<sup>th</sup> July, 1901.

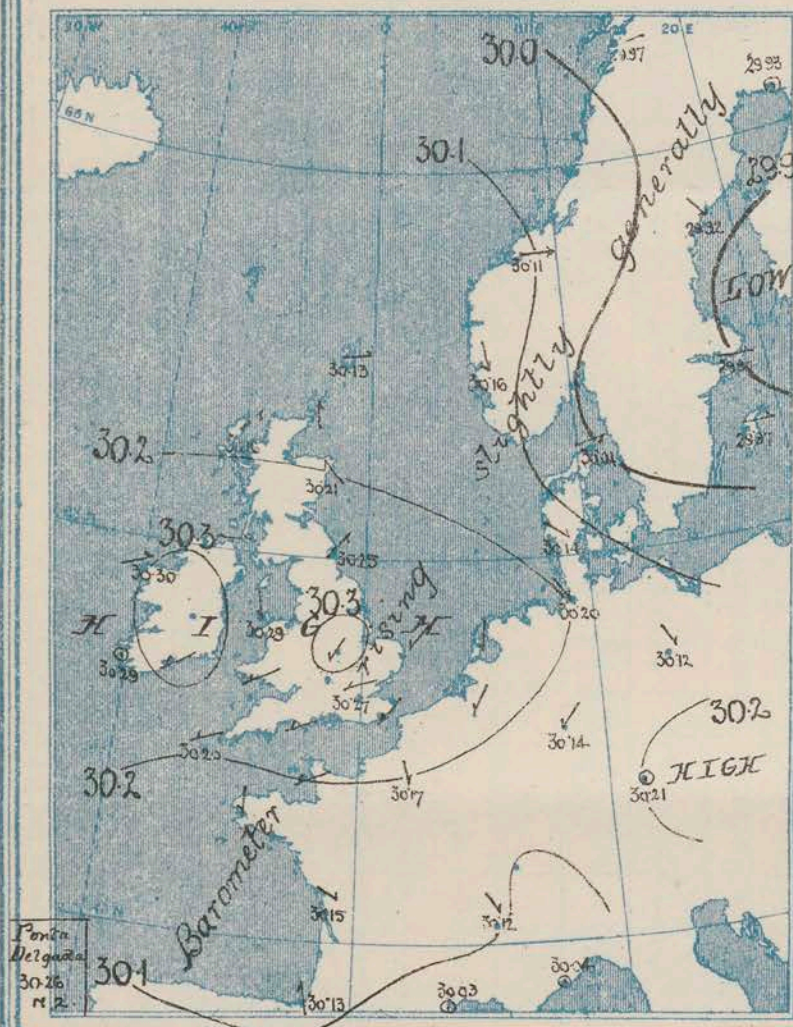
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

Force above 10 $\Rightarrow \Rightarrow \Rightarrow$ :	Force 5 to 7 $\Rightarrow \Rightarrow \Rightarrow$ :	} Calm ⊙
Force 8 to 10 $\Rightarrow \Rightarrow \Rightarrow$ :	Force 1 to 4 $\Rightarrow \Rightarrow \Rightarrow$ :	

SEA.—*Rough*  : *High* 

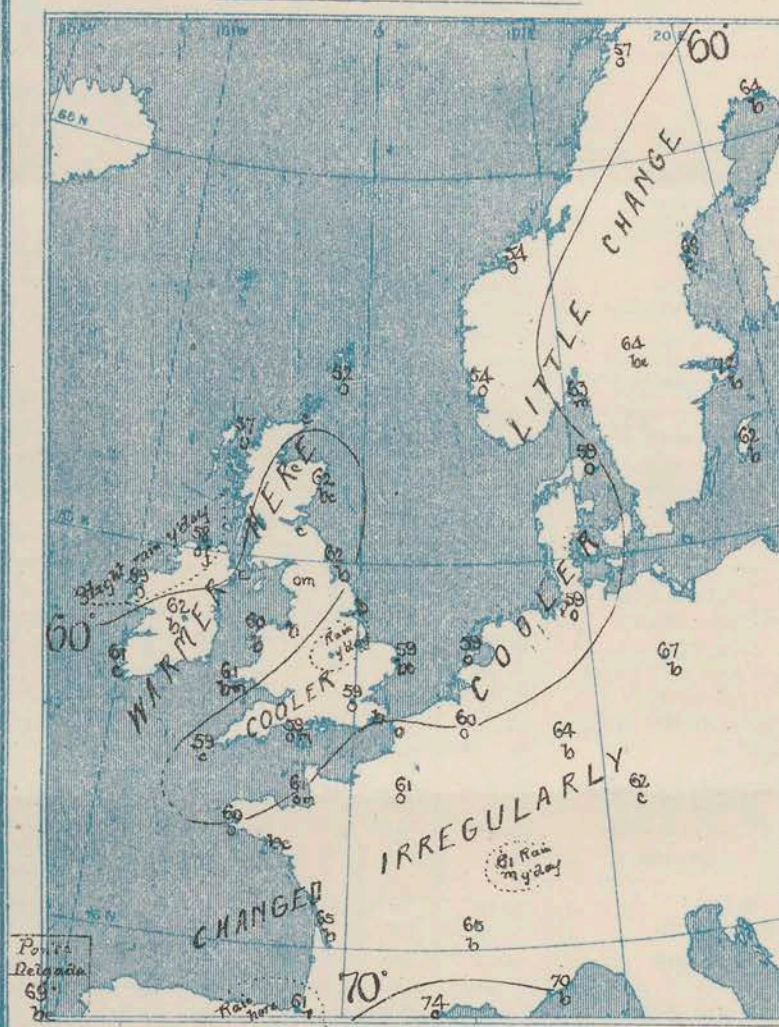


## II. TEMPERATURE AND WEATHER. *This Morning.*

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.*

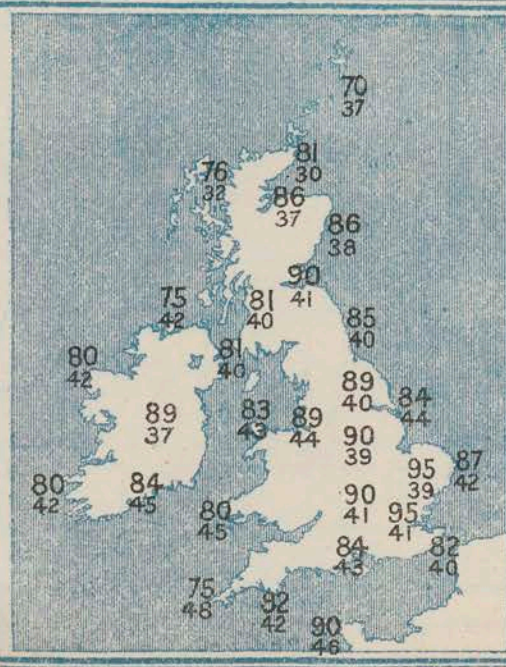


#### IV. EXTREMES OF TEMPERATURE

in month of JULY (1871-1900.)

Specimen	Highest Max, thus	85
	Lowest Min, " "	40

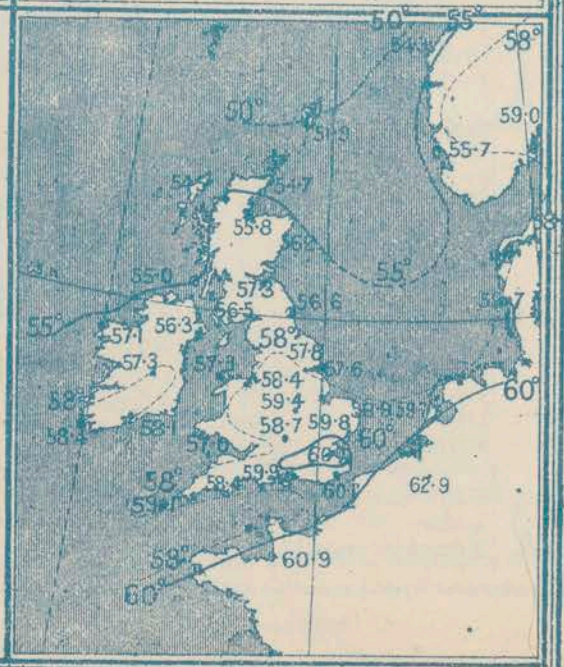
*Malin Head & Blacksod Values are for only 15 years*



### V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

*June - July (1871 - 1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The anticyclone recently noticed has increased somewhat in height and extended eastwards. The readings of the barometer now range from 30.2 ins. to 30.3 ins. and a little above over Ireland, England, the south of Scotland, the greater part of the North Sea and the Netherlands. The barometer remains lowest 29.9 ins. and less over the Gulf of Bothnia. Pressure is now changing very little, but is rising slightly in most parts of our area.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Light or moderate E<sup>1</sup> and NE<sup>1</sup> breezes are reported in the south, light SW<sup>1</sup> or S<sup>1</sup> airs in the northwest and north, and variable breezes within the intervening regions. Over Scandinavia the wind is mainly NW<sup>1</sup> or W<sup>1</sup>, and moderate to fresh in force. The sky has cleared in most parts of our Islands, and the weather is now fine and bright except over Norway and Denmark and some of the inland English stations. Temperature has risen considerably in Scotland and Ireland and fallen over Central England. Readings now range from 65° at Rockburgh and 64° at Nairn to 58° at Loughborough and to 52° in the Shetlands. Over France the thermometer is rather low for the season, the reading at Paris being no higher than 61°. In Sweden the weather is very warm, the thermometer at Stockholm marking 72°. The sea is moderate in the north and at Yarmouth and Cape Fin Noy, slight or smooth elsewhere.

The highest temperatures reported over the United Kingdom yesterday were 76° at Portland Bill, 73° in London and 70° at Rocher Point. At Berlin the thermometer rose to 82° and at Paris to 87°. Slight falls of rain have been experienced in the northwest and north of Ireland and at Loughborough, as well as at Buxton and Belfast.

Bright Sunshine was considerable in the northwest and west, but very slight in most other districts. At Birmingham there was only 0.2 hr. at Glasgow none.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS \*

For the 24 hours ending at NOON on 8<sup>th</sup> JUNE 1901

### 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.

NONE ISSUED.

*Note.*—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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 8 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	71	56	2.0	—
Newton Reigny (Penrith)	30.20	68	SE 3	0	30.27	+ .08	60	57	+ 3	2 0	om	*	c, b, m, og	72	48	3.7	—
Bath	30.25	64	N 2	bc	30.27	+ .10	59	57	— 5	E 2	0	*	bc	72	57	3.6	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	67	56	0	0.0	0.05	Worthing	*	*	*	5.2	—
Birmingham, 9 p.m.	66	58	0	0.2	—	Llandudno	63	54	c, b	11.5	—
Lowestoft, 6 p.m.	64	57	bc	5.1	—	Rhyl	*	*	*	*	*
Hastings	*	*	*	*	*	Southport	62	55	bc, c	11.4	—
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	68	58	bc	2.5	—
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.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 6 <sup>th</sup>	—	—	—	Ins.	Algiers ... JULY 6 <sup>th</sup>	79	66	c, bc	Ins.
Madrid	86	61	b, b	—	Tunis	82	64	bc, 0	—
Corsica (I. Sanguinaires)	81	59	m, m	—	Vienna	72	59	0, 0	0.04
Rome	81	63	c, b	—	St. Petersburg	54	48	0, 0	0.12
Florence	78	59	b, b	—	Lugano ... JULY 5 <sup>th</sup>	75	—	b	Measured 7 a.m. 5 <sup>th</sup>
Trieste	79	63	0, 0	0.63	Davos	52	—	0	0.20
Brindisi	94	64	c, c	—	Lucerne	66	—	c	0.51
Naples	76	64	0, b	—	Lausanne	73	—	c	0.28
Palermo	84	61	b, bc	—					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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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, 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 <sup>th</sup> JULY, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.40	11.58	8.15
Greenwich	3.53	12.5	8.16
Wick	3.19	12.7	9.14
Valencia	4.31	12.46	9.0

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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, JULY 8<sup>th</sup>

1901.

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 <sup>th</sup> and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 8 <sup>th</sup> 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.		
SCANDINAVIA.	Haparanda ...	29.84	61	N	2	c	29.72	-21	59	59	-5	NW	2	+	c	73	52	0.12			
	Hernösand ...	29.93	66	N	2	bc	29.88	-04	64	57	-4	NW	6	+	bc	75	61	—			
	Stockholm ...	29.94	67	2	0	0	29.98	+08	65	59	-7	NW	2	+	0	84	59	—			
	Wisby ...	29.97	65	NW	4	b	29.97	0.0	63	60	+1	NW	4	+	b	73	52	—			
	Karlstad ...	29.97	71	SE	2	b	30.04	+09	69	61	+3	N	2	+	bc	73	52	—			
	Færder (Xiania Fjord)	30.01	64	SE	1	c	30.08	+09	66	62	+3	N	1	+	c	66	61	—			
	Bodö ...	29.92	52	SE	5	+	29.89	-03	52	51	-5	N	6	+	+	59	50	0.71			
	Christiansund ...	30.07	57	NW	4	+	30.15	+04	55	52	+1	N	7	+	+	57	52	0.08			
	Skudesnaes ...	30.17	57	NW	6	c	30.18	+02	57	55	+3	NW	6	bc	c	59	52	—			
	Sumburgh Head ...	30.14	56	N	3	0	30.18	+05	59	58	+7	N	2	b	3	0	59	50	—		
BRITISH ISLANDS.	Stornoway ...	30.19	68	NW	3	b	30.19	+03	60	58	+3	N	4	+	bc	73	50	11.1			
	Malin Head ...	30.26	66	ENE	1	b	30.19	-07	67	64	+9	S	1	bc	73	53	—				
	Blackisd Pt. ...	30.24	62	NW	3	bc	30.20	-10	61	60	+2	2	0	c	66	56	—				
	Valencia ...	30.24	63	NW	1	0	30.21	-08	62	59	+1	SE	1	bc	69	52	6.1				
	Roche's Point ...	30.26	63	SE	2	b	30.24	-08	63	59	-2	N	1	b	66	52	—				
	Parsonstown ...	30.23	71	NW	1	0	30.24	-07	62	58	0	E	1	b	74	53	7.2				
	Donaghadee ...	30.24	63	ENE	2	b	30.22	-06	58	58	0	N	1	c	64	53	—				
	Liverpool Obsy. ...	30.25	63	NW	1	b	30.24	-05	65	59	+3	SE	1	bc	68	57	—				
	Holyhead ...	30.26	58	N	1	b	30.25	-04	63	60	+3	E	1	bc	63	53	—				
	Pembroke (St. Ann's)	30.26	62	2	0	bc	30.23	-03	61	60	0	ENE	1	og	65	58	9.4				
GERMANY, &c.	Scilly (St. Mary's)...	30.16	63	ENE	3	0	30.17	-03	60	57	+1	E	5	0	66	56	10.2				
	Jersey (St. Aubins)...	30.15	66	ENE	4	bc	30.17	-03	67	62	+6	ENE	3	bc	67	59	4.9				
	Portland Bill ...	30.22	62	E	2	bc	30.23	-01	59	57	0	E	3	bc	64	53	—				
	Dungeness ...	30.22	60	ENE	4	b	30.23	+02	63	58	+1	ENE	3	b	65	55	—				
	Wick ...	30.18	65	S	2	b	30.18	+03	70	65	+10	S	2	b	72	53	—				
	Nairn ...	30.18	78	NW	1	b	30.20	+01	68	64	+4	2	0	c	82	54	—				
	Aberdeen ...	30.22	66	SE	2	b	30.23	+02	71	63	+9	SE	2	bc	72	54	10.9				
	Leith ...	30.19	73	S	1	0	30.23	0.0	62	59	+1	SE	1	a	75	50	—				
	North Shields ...	30.22	65	E	2	b	30.24	-01	64	60	+2	ENE	2	cm	71	56	—				
	Spurn Head ...	30.23	62	SE	3	bc	30.24	-04	63	60	+5	ENE	3	b	65	57	—				
FRANCE.	Yarmouth ...	30.25	64	NE	2	b	30.24	-02	61	57	+2	S	1	b	65	52	—				
	Loughborough ...	30.24	73	NE	1	b	30.25	-07	62	59	+4	NW	1	cm	74	57	—				
	Oxford ...	30.24	64	E	1	b	30.25	-03	60	56	+1	SE	1	bc	67	49	—				
	London (Brixton) ...	30.24	66	E	1	b	30.25	-02	61	56	+2	E	1	b	70	48	3.8				
	The Scaw (Skagen) ...	30.03	65	S	1	b	30.08	+07	60	59	+1	S	1	f	77	53	—				
	Fanö ...	30.16	56	NW	4	0	30.14	0.0	58	57	+2	N	3	0	59	53	—				
	Cuxhaven ...	30.21	59	N	3	0	30.22	+02	57	54	-2	NW	2	0	61	53	—				
	The Helder ...	30.23	59	NE	2	c	30.22	-01	60	57	+1	NW	2	0	63	57	—				
	Brussels ...	30.24	60	NE	3	c	30.24	+02	60	54	0	N	3	0	69	51	—				
	Berlin ...	30.11	71	NW	4	b	30.21	+09	60	55	-7	NW	2	0	81	53	—				
SPAN. PEN.	Frankfurt ...	30.13	67	N	4	b	30.18	+04	64	59	0	NE	4	b	81	59	—				
	Munich ...	30.19	62	E	2	b	30.23	+02	62	59	0	2	0	b	72	50	—				
	C. Gris Nez ...	30.21	66	ENE	5	bc	30.20	-02	58	56	-4	E	2	0	68	52	—				
	Brest ...	30.11	68	E	2	c	30.10	-06	64	62	+4	E	2	0	79	59	—				
	Lorient ...	30.09	73	2	0	b	30.08	-06	64	63	+4	ENE	3	bc	81	59	—				
	Rochefort ...	30.07	75	NW	2	c	30.08	-07	70	66	+5	NE	3	bc	81	63	—				
	Biarritz ...	30.04	67	2	0	0	30.02	-11	69	67	+8	E	2	0	70	61	0.08				
	Paris ...	30.13	75	NE	2	b	30.18	+01	61	57	0	NE	2	b	78	53	—				
	Belfort ...	30.03	73	E	1	bc	30.11	+02	62	59	+1	ENE	3	bc	78	54	—				
	Lyons ...	30.04	72	NW	1	b	30.11	-01	69	60	+4	SE	1	bc	82	60	—				
Nice ...	30.07	78	2	0	c	30.09	+05	75	63	+5	2	0	c	81	63	—					
Perpignan ...	30.06	71	E	2	c	30.08	+05	69	66	-5	E	2	c	83	63	—					
SPAN. PEN.	Corunna ...	29.88	66	NW	3	b	29.98	+03	66	61	-3	SE	2	b	81	63	—				
	Lisbon ...	30.24	67	NE	3	b	30.24	-02	67	64	-2	NE	3	bc	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

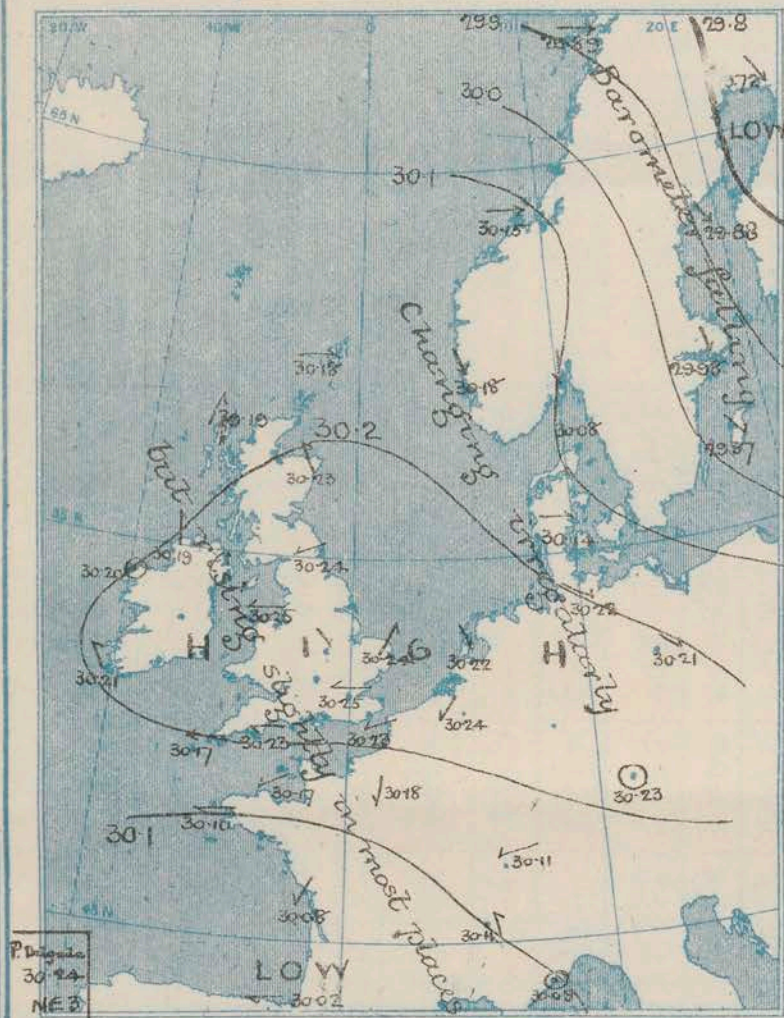


# WEATHER CHARTS

FOR *Monday 8<sup>th</sup> July, 1901.*

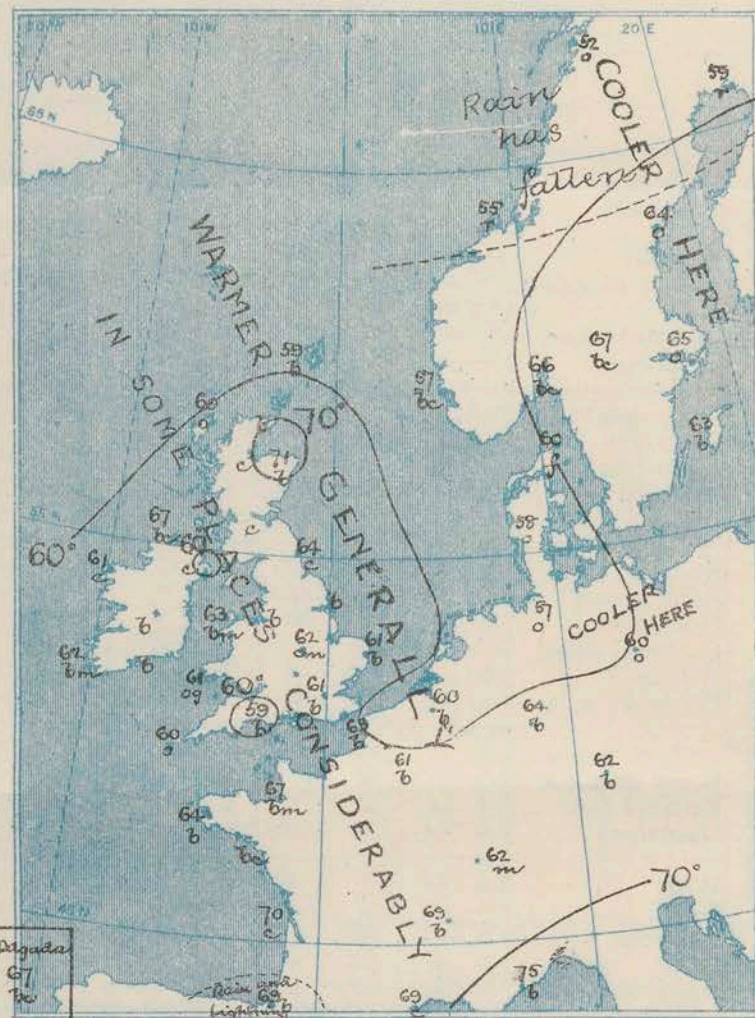
## I. BAROMETER, WIND AND SEA. This Morning.

**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



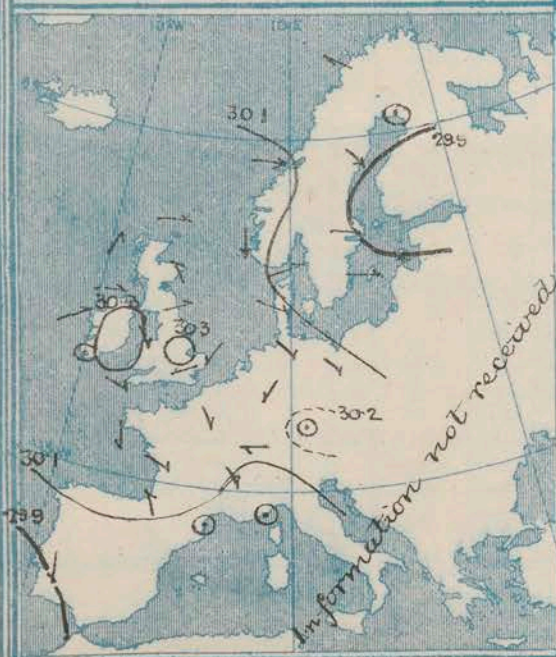
## II. TEMPERATURE AND WEATHER. This Morning.

**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



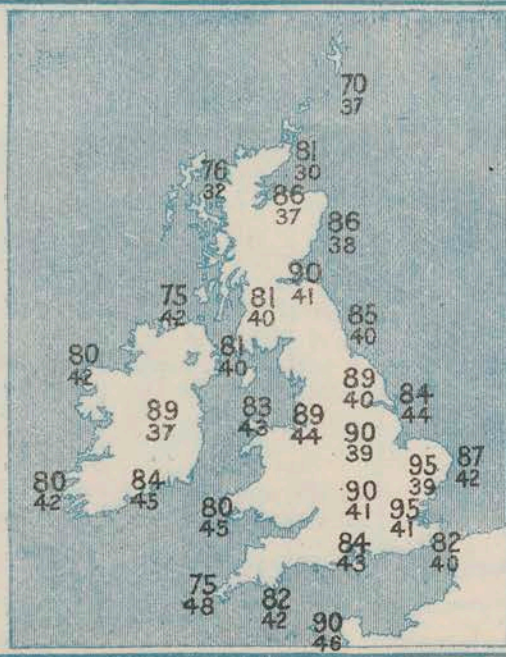
## III. BAROMETER AND WIND

*Yesterday morning.*



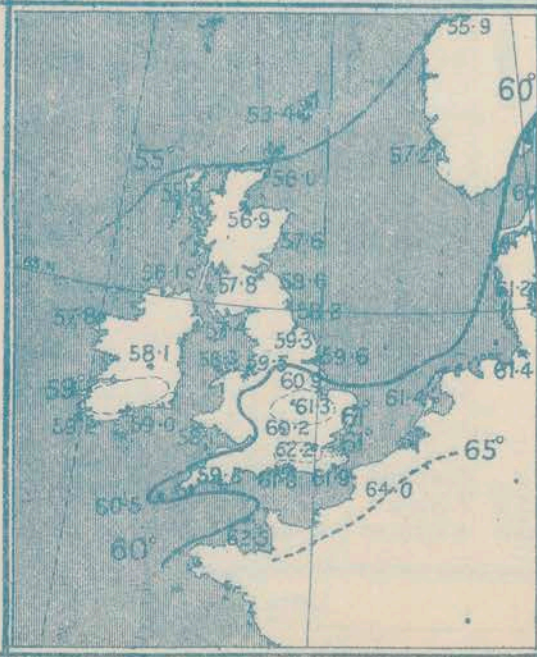
## IV. EXTREMES OF TEMPERATURE

*in month of JULY (1871-1900)*  
 Specimen { Highest Max, thus 85  
 { Lowest Min, " " 40  
*Malin Head & Blacksod Values are for only 15 years*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Monthly period  
 July (1871-1900.)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

An anticyclone with barometric readings ranging from 30.2 in. to 30.35 in. now embraces almost the whole of our Islands and the North Sea and extends eastwards and southwards to Germany. The barometer is lowest in a depression travelling away eastwards over the north of Scandinavia, where the readings range from 29.9 in. to about 29.7 in. Pressure is changing very little over the United Kingdom, but is rising slightly in most parts of our area except the north of Sweden.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

Slight winds from the NE<sup>or</sup> E<sup>or</sup> prevail over all our more Southern districts and in France and light S<sup>or</sup> variable air in the extreme west and north of our Islands, but over Scandinavia the wind in the rear of the depression noticed above is NW<sup>or</sup> W<sup>or</sup> and blows strongly. Fine bright weather is prevalent over our Islands, France and Southern Germany, but the sky is overcast at most of the Norwegian and Swedish stations as well as in Denmark and North Germany. Rain is falling at Christiansund and Haparanda and fog is reported in the Skager Rack. Temperature has risen quickly in Scotland under the influence of the light S<sup>or</sup> wind, and has risen slightly at nearly all the English and Irish stations and also over France. The readings at Aberdeen and Wick are as high as 48 and 49 respectively, and in the other parts of our Islands they vary from 69 at Newton Kceing (Perth) to 59 at Lumbagh Head + Portland Bill + to 58 at Broughshadde. The highest reading at the French station is 45 at Nice, and that over Scandinavia 67 at Saender. The sea is moderate at Christiansund + Hornoway, slight or smooth elsewhere. Heavy rain fell yesterday at Bodø and slight amount at some other northern stations and at Biarritz, but none over our Islands. The highest temperatures recorded were 82° at Narvik and Lyons, 83° at Perpignan + 84° at Stockholm. At many of our southern and western coast stations the thermometer only rose to about 65°. The amount of bright sunshine recorded yesterday was large in the northwest and north and considerable at most Southern + western stations. The largest amount was 13.5 hr. at Southport + the coast 3.9 hr. at Wrotham.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fine, bright weather seems likely to continue for a time over our Islands, with a rising temperature.

## FORECASTS \*

For the 24 hours ending at NOON on 9<sup>th</sup> JULY 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	SW <sup>or</sup> W <sup>or</sup> winds, light or moderate; fair at first, cloudy or dull later.
1	{ SCOTLAND EAST	S <sup>or</sup> or variable airs; fair, warm.
2	{ ENGLAND N.E.	Light winds, mainly E <sup>or</sup> ; fine, very warm.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as N° 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	W <sup>or</sup> winds, light or moderate; fine, very warm inland.
9	{ IRELAND NORTH	Variable or S <sup>or</sup> breezes; fine.
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	*	a. b	63	51	7.8	—
Newton Reigny (Penrith)	30.21	70	20	c	30.23	-0.04	69	61	+9	20	b	*	bcn	74	60	10.5	—
Bath	30.19	58	E 1	0	30.24	-0.03	61	57	+2	20	c	*	0	68	50	0.0	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	74	53	a. c. b	9.5	—	Worthing	*	*	*	3.9	—
Birmingham, 9 p.m.	68	55	0 c	1.7	—	Llandudno to 6 p.m.	*	*	*	12.9	*
Lowestoft, 6 p.m.	60	56	0. bc. b	9.2	—	Rhyl	*	*	*	13.0	*
Hastings	*	*	*	8.3	*	Southport, 9 p.m.	67	51	bc. b	13.5	—
Eastbourne to 6 p.m.	*	*	*	6.7	*	Manchester, 9 p.m.	75	53	bc	8.6	—
Brighton	*	*	*	4.5	*	Darwen, 9 p.m.	*	*	*	*	*

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 7 <sup>th</sup>				Ins.	Algiers ... JULY 7 <sup>th</sup>				Ins.
Madrid					Tunis			Information	
Corsica (I. Sanguinaires)					Vienna			not arrived	
Rome			Information		St. Petersburg				
Florence					Lugano ... JULY 6 <sup>th</sup>	82	—	b	Measured at 7 a.m. 6 <sup>th</sup> 0.08
Trieste			not		Davos	57	—	0	0.87
Brindisi					Lucerne	68	—	bc	—
Naples			arrived		Lausanne	73	—	b	—
Palermo									

## 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, 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.

	July 8 <sup>th</sup> , 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.41	11.58	8.15	
Greenwich	3.54	12.5	8.16	
Wick	3.20	12.17	9.13	
Valencia	4.32	12.46	8.59	

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

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

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

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, JULY 9TH 1901.

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.	Dirac.	Force (0 to 12.)	Weather.	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.				
SCANDINAVIA.	Haparanda	29.88	59	N	4	c	30.02	+30	64	57	+5	N	2	bc	1	c	64	53	.	—			
	Hernösand	29.97	67	NW	6	b	30.13	+25	65	57	+1	2	0	b	1	c	77	59	.	—			
	Stockholm	29.97	68	N	2	b	30.04	+06	68	58	+3	N	6	b	1	c	77	61	.	—			
	Wisby	29.96	64	NNE	4	bc	30.01	+04	62	57	-1	N	6	b	1	c	68	52	.	—			
	Karlstad	30.05	74	NNE	2	b	30.16	+12	67	58	0	N	2	b	1	c	72	63	.	—			
	Färder (X'ania Fjord)	30.03	72	NW	2	b	30.17	+09	69	63	+3	N	2	b	1	c	72	63	.	—			
	Bodö	30.12	52	N	4	bc	30.12	+23	54	57	+2	SE	2	0	1	bc	54	50	.	0.04			
	Christiansund	30.19	60	N	2	b	30.17	+02	62	59	+7	ENE	1	0	1	b	63	54	.	—			
	Skudesnaes	30.13	57	NW	6	bc	30.10	-08	61	60	+4	ENE	2	b	1	c	64	54	.	—			
	Sumburgh Head	30.15	64	S	1	b	30.08	-10	61	59	+2	SE	1	c	2	c	69	54	.	—			
Stornoway	30.12	64	S	3	c	30.01	-18	60	59	0	2	0	m	2	c	70	51	4.5	—				
Malin Head	30.10	70	2	0	c	30.05	-14	59	59	-8	2	0	f	2	bc	70	56	.	—				
Blacksod Pt.	30.13	63	N	1	c	30.06	-14	61	59	0	N	2	f	2	c	65	55	.	—				
Valencia	30.12	64	NW	1	bc	30.07	-14	62	60	0	2	0	om	3	bc	66	56	13.0	—				
BRITISH ISLANDS.	Roche's Point	30.17	65	SE	2	c	30.11	-13	62	60	-1	SE	2	m	2	bc	66	58	.	—			
	Parsonstown	30.11	74	ENE	1	c	30.08	-16	64	61	+2	SE	1	m	2	c	76	57	11.7	—			
	Donaghadee	30.13	67	ENE	2	bc	30.06	-16	58	56	0	ENE	1	bc	1	c	69	51	.	—			
	Liverpool Obsy.	30.13	64	NW	1	bc	30.09	-15	66	61	+1	SE	2	b	1	c	69	58	.	—			
	Holyhead	30.15	60	NW	1	bc	30.08	-17	60	57	-3	N	1	bc	1	b	67	55	.	—			
	Pembroke (St. Ann's)	30.15	68	N	2	b	30.09	-14	66	64	+5	2	0	bc	2	b	70	58	8.0	—			
	Scilly (St. Mary's)	30.09	62	E	4	c	30.06	-11	62	59	+2	E	3	c	4	c	65	57	12.2	—			
	Jersey (St. Aubins)	30.09	68	ENE	4	bc	30.04	-13	70	64	+3	ENE	3	bc	3	b	75	57	13.4	—			
	Portland Bill	30.15	60	E	3	b	30.09	-14	60	58	+1	ENE	3	bc	3	b	64	57	.	—			
	Dungeness	30.14	61	E	4	b	30.08	-15	64	60	+1	ENE	4	b	2	b	65	57	.	—			
GERMANY, &c.	Wick	30.14	65	NW	2	bc	30.04	-14	60	56	-10	S	4	c	1	bc	78	54	.	—			
	Nairn	30.13	64	E	2	c	30.04	-16	61	60	-5	2	0	c	1	c	85	51	0.02	—			
	Aberdeen	30.17	67	SE	2	b	30.10	-13	67	62	-4	SE	2	bc	1	b	76	52	13.0	—			
	Leith	30.14	65	2	0	c	30.07	-16	62	59	0	NE	2	b	1	c	71	55	.	—			
	North Shields	30.18	63	E	3	b	30.10	-14	58	57	-6	ENE	1	m	2	b	69	55	.	—			
	Spurn Head	30.20	61	ENE	3	bc	30.11	-13	60	59	-3	ENE	1	0	2	bc	65	56	.	—			
	Yarmouth	30.16	65	ENE	1	b	30.10	-14	62	60	+1	NW	2	c	2	b	65	58	.	—			
	Loughborough	30.15	71	ENE	3	bc	30.12	-13	63	58	+1	SE	1	bc	1	c	77	48	.	—			
	Oxford	30.11	68	E	3	b	30.10	-15	62	56	+2	E	1	b	1	c	77	52	.	—			
	London (Brixton)	30.13	70	E	3	bc	30.11	-14	60	56	-1	ENE	2	bc	1	c	77	49	9.7	—			
FRANCE.	The Scaw (Skagen)	30.12	66	NW	1	b	30.17	+09	67	64	+7	ENE	1	b	0	b	75	59	.	—			
	Fanö	30.13	58	N	2	0	30.15	+01	58	57	0	NW	1	m	1	0	64	55	.	—			
	Cuxhaven	30.14	61	N	1	0	30.15	-07	59	57	+2	N	1	0	1	0	63	57	.	—			
	The Helder	30.14	61	NW	1	0	30.10	-12	60	59	0	2	0	0	1	0	63	59	.	—			
	Brussels	30.10	66	ENE	1	b	30.10	-14	66	59	+6	ENE	1	0	1	0	71	51	.	—			
	Berlin	30.09	66	NW	4	b	30.07	-14	64	58	+4	NW	4	b	1	c	73	52	.	—			
	Frankfurt	30.10	70	N	2	b	30.08	-10	67	61	+3	NE	2	b	1	c	81	61	.	—			
	Munich	30.15	66	E	1	b	30.14	-09	66	61	+4	2	0	b	1	c	73	54	.	—			
	C. Gris Nez	30.15	60	ENE	1	m	30.10	-10	61	58	+3	ENE	3	bc	2	m	66	54	.	—			
	Brest	30.02	72	E	1	0	30.05	-05	61	59	-3	E	3	c	2	0	90	59	0.43	—			
SPAN. PEN.	Lorient	30.02	73	NW	2	c	30.07	-01	71	64	+1	SE	2	0	1	c	93	64	.	—			
	Roche fort	30.02	75	ENE	2	0	29.99	-03	70	69	+1	ENE	3	c	1	0	82	66	0.08	—			
	Biarritz	29.98	75	ENE	2	0	29.99	-03	70	69	+1	ENE	3	c	1	0	82	66	0.08	—			
	Paris	30.06	77	NNE	2	b	30.06	-12	64	59	+3	NNE	2	b	1	c	80	58	.	—			
	Belfort	29.99	75	2	0	m	30.02	-09	66	61	+4	ENE	2	m	1	c	80	59	.	—			
	Lyons	30.01	78	S	1	c	30.04	-07	70	62	+1	SE	1	m	1	c	88	60	.	—			
	Nice	30.03	78	SE	2	bc	30.00	-09	75	62	0	E	1	b	0	c	84	63	.	—			
	Perpignan	30.00	66	E	3	b	30.01	-07	69	66	0	NE	2	bc	1	c	78	58	.	—			
	Corunna	29.95	65	NW	4	b	30.00	+07	67	60	+1	NW	4	+	1	b	77	63	.	—			
	Azores (P. Delgada)	30.25	65	NNE	3	b	30.23	-01	69	65	+2	NNE	2	bc	2	b	73	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 pag.



# WEATHER CHARTS

FOR *Tuesday 9<sup>th</sup> July, 1901.*

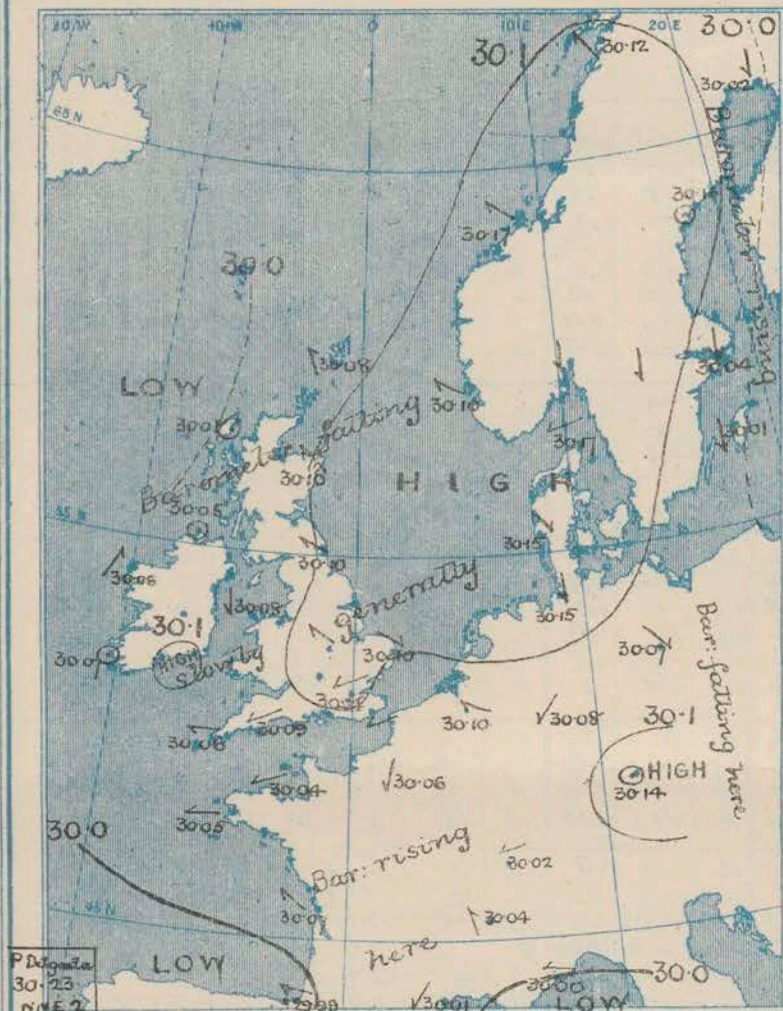
## I. BAROMETER, WIND AND SEA. *This Morning.*

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 ≡

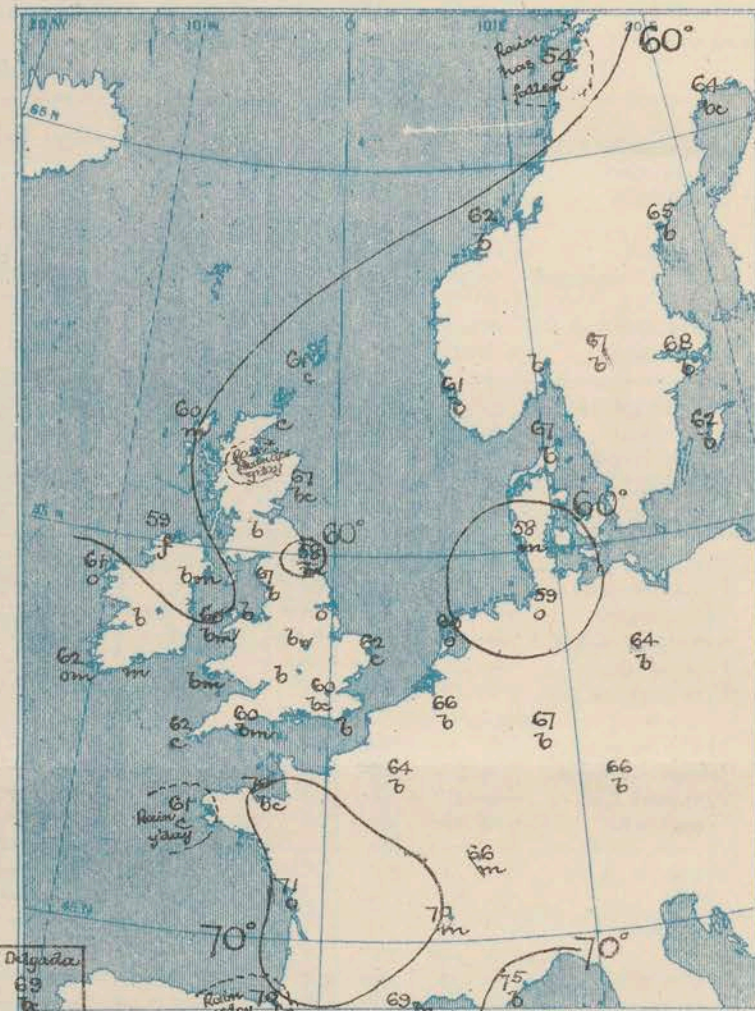


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

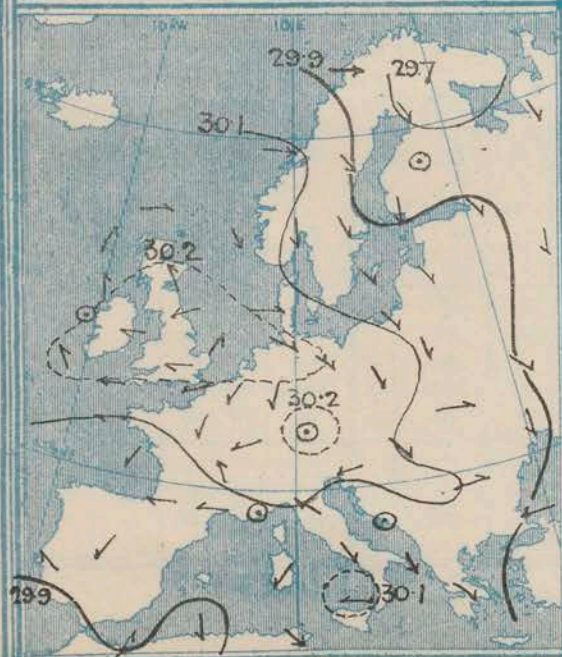
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

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.*

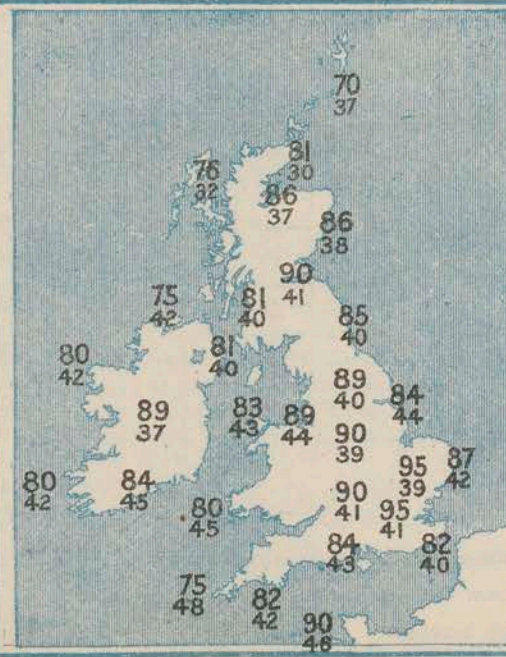


## IV. EXTREMES OF TEMPERATURE

*in month of JULY (1871-1900)*

Specimen { Highest Max, thus 85  
Lowest Min, " " 40

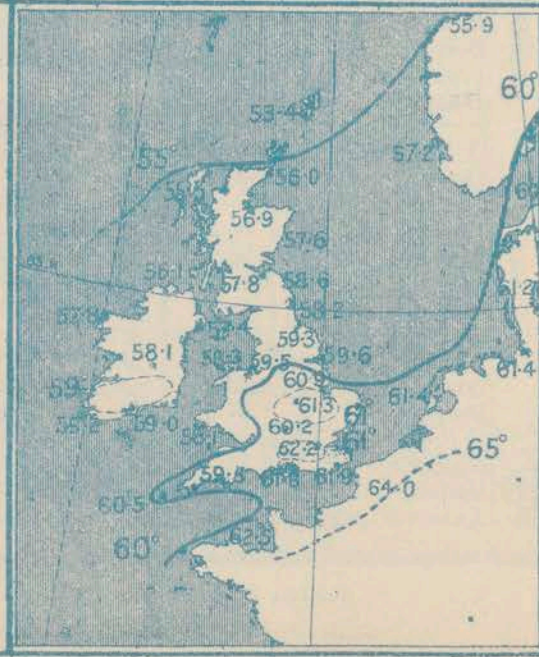
*Malin Head & Blacksod Values are for only 15 years*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Monthly period*

*July (1871-1900)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Since yesterday the barometer has risen at nearly all the Scandinavian stations (especially in Lapland) and has fallen unsteadily throughout our Islands, Germany, France and the Bay of Biscay. Readings now vary from 30.1 ins. and more over Norway, Denmark and the North Sea to 29.9 ins. at Biarritz.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is very light and variable in most regions, but is strong from N. in the southeast of Sweden, moderate from E.N.E. over the English Channel and our extreme S.W. countries. Temperature has changed but little and irregularly; it now varies from 75° at Nice and 66° at Munich and Brussels to 60° in London, Holyhead and the Hebrides to 54° at Bodø and 59° at Malin Head and Cuxhaven. In our Islands and Scandinavia the readings are several degrees above the average. The weather has become dull and hazy or foggy in Ireland, at Stornoway and in Holland, elsewhere it is fine. The sea is smooth very generally.

During yesterday temperature rose to 75° or more in several parts of our Islands, and is said to have touched 85° at Nain. The night was again cool in London. Biarritz, Brest and Bodø are the only stations which have had any rainfall. Bright Sunshine yesterday exceeded 13 hrs. at many of our stations and was more than 10 hrs. almost everywhere. At Stornoway, however, it was only 4.8 hrs.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance is less settled than of late; the depression over the N. of Spain will probably move northwards. Thundery close weather is likely to ensue some time tomorrow or next day.

## FORECASTS \*

For the 24 hours ending at NOON on 10<sup>TH</sup> JULY 1901

### DISTRICTS.

### FORECASTS.

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

<sup>4</sup> SE and varying winds,  
light, fine, warm.

Same as No. 5.

Same as Nos 0 to 2.

<sup>4</sup> E winds freshening, fine, but less settled than of late.

### 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 No. 5.

Same as Nos 0 to 2.

<sup>4</sup> SE air and calms, close, less settled than of late.

### WARNINGS

None issued.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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. Dry. Wet. Change			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*	*	*	*	*	*	b. b.	64 51	14.2	—
Newton Reigny (Penrith)	30.10	74	SE 3	bc	30.09 -16	67	62	-2	SE 1	b	*	ca	79 52	6.0	—
Bath	30.11	75	ESE 1	b	30.09 -15	63	59	+2	SE 4	c	*	b	76 52	11.4	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	76	52	c. b. c. b.	12.8	—	Worthing	*	*	*	14.0	*
Birmingham, 9 p.m.	74	54	m. o.	1.5	—	Llandudno to 6 p.m.	*	*	*	11.5	*
Lowestoft, 6 p.m.	65	49	bc. b. c.	13.0	—	Rhyl to 6 p.m.	*	*	*	10.0	*
Hastings	*	*	*	15.0	*	Southport, 9 p.m.	69	56	b. c.	11.5	—
Eastbourne to 6 p.m.	*	*	*	13.7	*	Manchester, 9 p.m.	81	52	om. bc	5.2	—
Brighton	*	*	*	14.5	*	Darwen, 9 p.m.	76	53	b. m. c. w.	12.8	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 8 <sup>th</sup>	—	—	—	Ins.	Algiers ... JULY 8 <sup>th</sup>	86	43	c, bc	Ins.
Madrid	81	55	o, r	?	Tunis	90	40	o, c	—
Corsica (I. Sanguinaires)	81	63	m, m	—	Vienna	73	59	b, b	—
Rome	84	62	b, b	—	St. Petersburg	—	—	b, b	—
Florence	86	60	b, b	—	Lugano ... JULY 7 <sup>th</sup>	1 p.m.	—	Information	Measured 7 a.m. 7 <sup>th</sup>
Trieste	79	64	c, b	—	Davos	—	—	not arrived.	—
Brindisi	84	53	b, b	—	Lucerne	—	—	—	—
Naples	78	50	b, b	—	Lausanne	—	—	—	—
Palermo	84	60	b, f	—					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

	Hours of Morning Observations by Local Standard Time.	Corres- ponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corres- ponding Greenwich Times.	July 9 <sup>th</sup> 1901.	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 ... ..	3.42	11.58	8.14
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	3.55	12.5	8.15
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.21	12.17	9.12
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.33	12.46	8.59
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 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Wednesday 10<sup>th</sup> July, 1901.

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.		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.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.	Ins.		
SCANDINAVIA.	Haparanda ...	30.14	62	SW	2	b	30.06	+0.04	68	59	+4	N	2	b	*	b	73	57	*	—	
	Hernösand ...	30.03	64	SSW	2	b	30.09	+0.04	72	63	+7	E	2	b	*	b	73	57	*	—	
	Stockholm ...	30.13	67	Z	0	b	30.13	+0.09	73	60	+5	NNE	2	b	*	b	73	61	*	—	
	Wisby ...	30.12	60	E	4	b	30.14	+0.13	60	57	—2	N	4	b	*	b	64	55	*	—	
	Karlstad... ..	30.12	72	SW	2	b	30.16	+0.00	71	62	+4	WSW	2	b	*	b	*	*	*	—	
	Færder (X'ania Fjord)	30.11	72	WSW	2	b	30.15	+0.02	73	67	+4	S	1	b	1	b	77	68	*	—	
	Bodö ...	30.15	54	Z	0	o	30.13	+0.01	54	52	0	NNE	1	b	1	o	55	50	*	—	
	Christiansund ...	30.14	62	N	2	b	30.10	+0.07	67	61	+5	W	1	b	1	b	67	55	*	—	
	Skudesnaes ...	30.16	61	Z	0	b	30.12	+0.02	53	53	—8	Z	0	f	1	b	64	52	*	—	
	Sumburgh Head ...	30.05	61	SSE	1	o	30.02	+0.06	56	56	—5	Z	0	f	3	o	67	53	*	—	
Stornoway ...	30.00	68	SW	3	c	30.06	+0.05	60	59	0	SW	4	o	4	c	70	52	10.3	—		
Malin Head ...	30.05	62	W	1	o	30.11	+0.06	58	54	—1	WNW	3	b	2	f, o	63	54	*	—		
Blacksod Pt. ...	30.07	60	NW	3	o	30.14	+0.08	59	54	—2	Z	0	b	2	p, o, m, o	64	55	*	0.01		
Valencia... ..	30.08	62	WNW	1	om	30.12	+0.05	61	60	—1	Z	0	bmw	2	om	65	51	0.0	—		
BRITISH ISLANDS.	Roche's Point ...	30.08	65	N	1	c	30.15	+0.04	65	61	+3	N	1	bm	1	m, cr	66	58	*	0.05	
	Parsonstown ...	30.05	70	WSW	1	o	30.13	+0.05	61	59	—4	NNW	1	o	*	o	70	59	2.2	—	
	Donaghadee ...	30.02	69	S	2	b	30.13	+0.07	57	56	—1	NNW	2	c	3	b, c, b	69	54	*	—	
	Liverpool Obsy. ...	30.03	63	WNW	2	b	30.11	+0.02	63	60	—3	W	1	b	1	b	79	59	*	—	
	Holyhead ...	30.09	66	Z	0	bm	30.12	+0.04	63	60	+3	W	1	c	1	bm	68	56	*	—	
	Pembroke (St. Ann's)	30.06	68	NNW	3	b	30.10	+0.01	68	67	+2	N	2	bm	2	b	70	58	12.2	—	
	Scilly (St. Mary's)...	30.05	66	NE	2	b	30.11	+0.05	66	62	+4	ENE	3	c	1	b	69	59	13.8	—	
	Jersey (St. Aubins)...	30.01	74	ENE	3	bm	30.07	+0.03	69	61	—1	N	3	bm	3	b, bm	78	61	12.5	—	
	Portland Bill ...	30.05	64	ESE	1	b	30.09	+0.00	64	60	+4	Z	0	b	2	b	66	57	*	—	
	Dungeness ...	30.05	62	E	3	b	30.07	+0.01	63	60	—1	NE	3	b	3	b	67	50	*	—	
Wick ...	30.02	60	Z	0	r	30.06	+0.02	58	57	—2	NW	1	m	0	rt, f	65	54	*	0.10		
Nairn ...	29.98	66	Z	0	o	30.06	+0.02	65	61	+2	W	1	o	1	o	73	53	*	—		
Aberdeen ...	30.01	64	SSE	2	b	30.07	+0.03	63	59	—4	WSW	1	b	1	b	71	54	11.9	—		
Leith ...	29.99	63	E	1	c	30.07	+0.00	66	61	+2	WSW	3	b	*	c, flr	68	55	*	0.11		
North Shields ...	30.03	63	ESE	3	c	30.06	+0.04	66	62	+8	W	2	m	2	c	66	56	*	—		
Spurn Head ...	30.04	62	SSE	3	b	30.09	+0.02	65	63	+5	S	2	b	1	b	66	58	*	—		
Yarmouth ...	30.06	64	SE	2	b	30.09	+0.01	59	57	—3	ENE	3	bm	3	b, b	64	51	*	—		
Loughborough ...	30.04	76	ESE	1	b	30.10	+0.02	65	62	+2	ESE	1	bm	*	b, b, m	77	53	*	—		
Oxford ...	30.04	69	ENE	1	b	30.09	+0.01	65	61	+3	SE	1	b	*	b	78	54	*	—		
London (Brixton) ...	30.03	72	E	3	b	30.10	+0.01	62	58	+2	E	1	b	*	b, b	80	53	11.0	—		
GERMANY, &c.	The Scaw (Skagen) ..	30.13	68	NNE	1	b	30.16	+0.01	69	67	+2	Z	0	b	0	b	73	64	*	—	
	Fanö ...	30.13	58	Z	0	b	30.17	+0.02	65	60	+7	SSE	2	b	*	b	70	55	*	—	
	Cuxhaven ...	30.12	63	N	3	o	30.15	+0.00	65	60	+6	ESE	2	b	*	o	65	57	*	—	
	The Helder ...	30.08	63	NNE	2	b	30.08	+0.02	61	60	+1	ENE	2	m	1	b	70	59	*	—	
	Brussels... ..	*	*	*	*	*	30.05	+0.05	62	61	—4	N	1	f	*	b	70	57	*	—	
	Berlin ...	30.02	72	NNE	5	b	30.11	+0.04	64	59	0	NNE	2	b	*	b	81	57	*	—	
	Frankfurt ...	30.01	70	NE	2	b	30.02	+0.06	70	63	+3	NE	4	b	*	b	82	63	*	—	
	Munich ...	30.05	70	Z	0	c	30.05	+0.09	66	61	0	Z	0	b	*	c	79	57	*	—	
C. Gris Nez ...	30.04	67	ENE	3	b	30.06	+0.04	59	59	—2	ENE	1	f	1	b	70	54	*	—		
Brest ...	30.00	70	E	3	c	30.05	+0.00	64	60	+3	NE	2	b	1	c	79	57	*	0.24		
Lorient ...	29.99	69	W	4	o	30.04	+0.00	66	63	—	ENE	1	c	0	o	82	63	*	—		
Rochefort ...	30.01	72	NW	3	b	30.05	+0.02	67	65	—4	NW	3	c	*	b	82	64	*	—		
Biarritz ...	30.02	72	WSW	2	b	30.09	+0.10	66	66	—4	W	4	o	2	b	77	66	*	0.08		
Paris ...	29.97	82	NE	2	b	30.01	+0.05	68	62	+4	N	2	b	*	b	86	63	*	—		
Belfort ...	29.91	78	NE	2	c	29.95	+0.07	66	62	0	ENE	2	m	*	c	85	59	*	—		
Lyons ...	29.93	82	S	1	b	29.96	+0.08	72	64	+2	N	1	b	*	b, b	90	65	*	—		
Nice ...	29.94	77	SW	2	b	29.96	+0.14	73	63	—2	SW	1	b	0	b	84	64	*	—		
Perpignan ...	29.96	74	E	2	o	29.93	+0.08	70	65	+1	S	1	b	*	o	80	58	*	0.04		
SPAN. PEN.	Corunna ...	30.02	64	NW	4	b	30.05	+0.05	63	61	—4	N	4	o	*	b	75	63	*	—	
	Lisbon ...	30.02	64	NW	4	b	30.05	+0.05	63	61	—4	N	4	o	*	b	75	63	*	—	
	Azores (P. Delgada) ...	30.02	64	NW	4	b	30.05	+0.05	63	61	—4	N	4	o	*	b	75	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, 10<sup>th</sup> July, 1901.

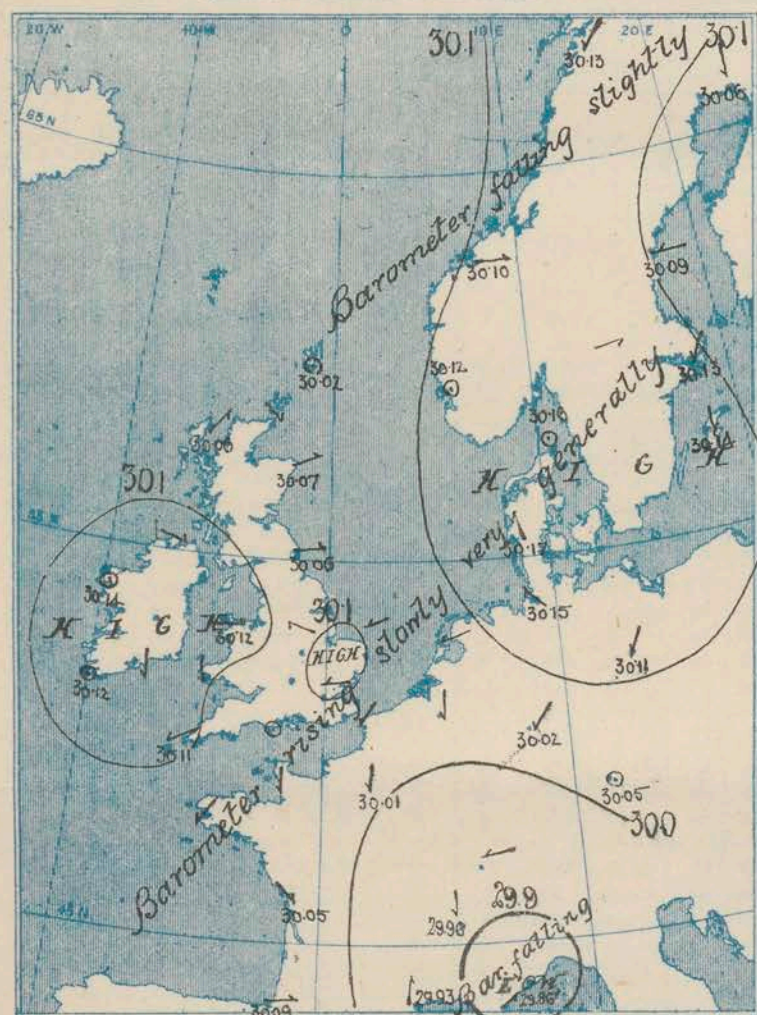
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

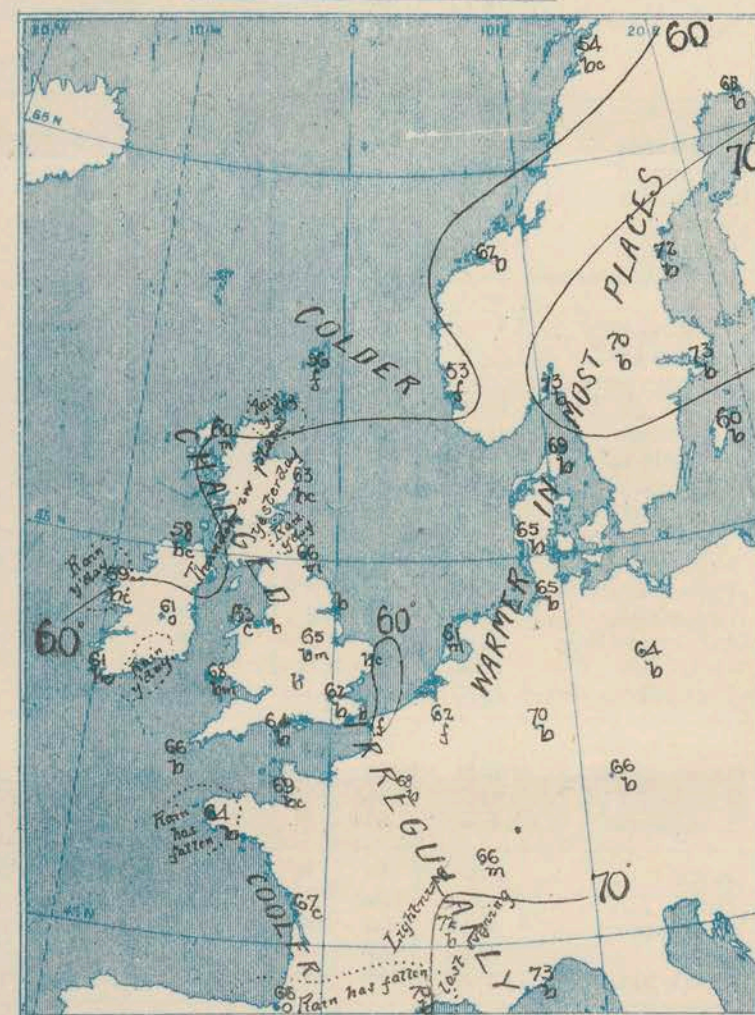


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

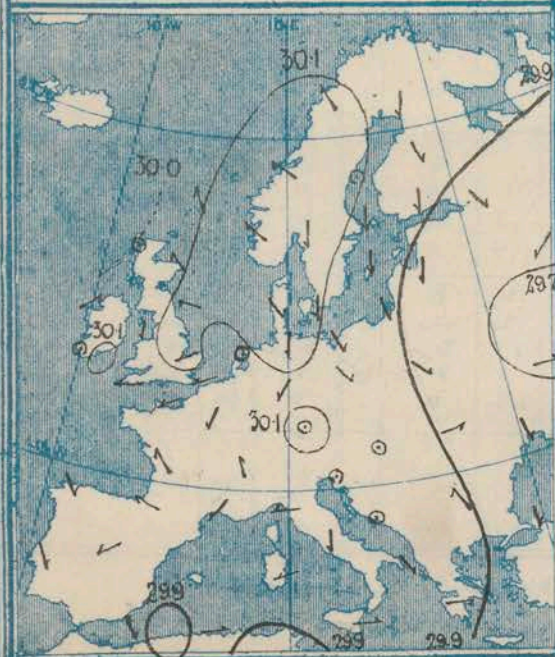
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.

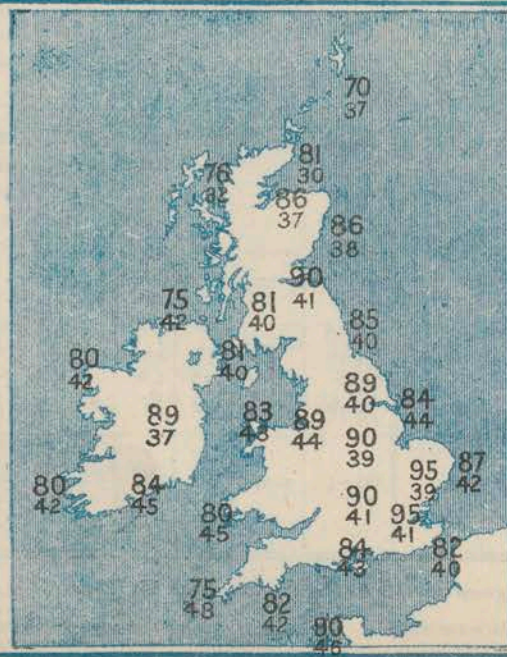


## IV. EXTREMES OF TEMPERATURE

in month of JULY (1871-1900.)

Specimen { Highest Max, thus 85  
Lowest Min, " " 40

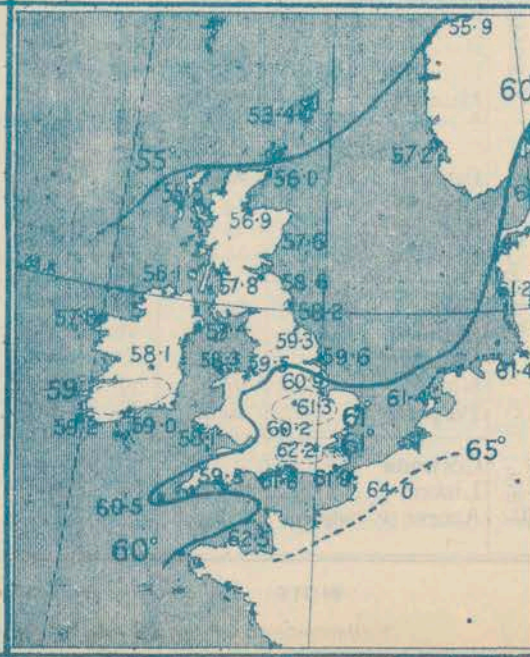
Malin Head & Blacksod Values are for only 15 years



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the Monthly period

July (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

During the past day there has been a slight but unsteady increase of pressure at our western stations and Sweden, and a slight unsteady decrease in France, Germany, Norway and the Shetlands; and readings now range from 30.1 inches and more over Scandinavia, Ireland and some parts of England to 29.86 inches at Nice.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Temperature has changed somewhat fitfully, and the diurnal range over England has been great; the present values range from 73° at Nice, Tientsin and Stockholm to between 65° and 60° in many parts of our Islands, 58° at Wick, 56° at Dumburgh Head, 54° at Bodo. The values are much above the average. The weather is fine in most places, dull and misty in Scotland, foggy on the French coast. The sea is smooth except in the North.

During yesterday maximum temperatures were recorded as high as 86° in Paris, 82° at Hamburg, 80° in London, 79° at Liverpool, and last night was not so cool over England as of late. There was therefore at a few of our northern and northwestern stations, and showers fell sporadically both over the British Islands and France. Of bright sunshine there was none at Palma, and only 3.7 hours at Looe; but at most other stations the amounts recorded varied from 10 to 13½ hours.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general distribution of pressure is indicative of fine weather, but over France and the southern parts of England there are still some irregularities, which make the continuance of bright weather less certain.

## FORECASTS \*

For the 24 hours ending at NOON on JULY 11TH 1901

### DISTRICTS.

### FORECASTS.

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

Southwesterly and Westerly winds, light to moderate; fair.

Varying airs fine and very warm, possibly less settled later.

### DISTRICTS.

### FORECASTS.

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

Same as Nos: 0 and 1.

Varying airs; fine, hazy in places.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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, b	65	50	11.3	—
Newton Reigny (Penrith)	29.98	72	NW 2	c	30.08	+ .01	65	61	— 2	2 0	b	*	bm, cg	81	51	9.0	—
Bath	30.01	77	E 1	c	30.09	.00	68	63	+ 5	NE 1	bc	*	c	79	56	9.8	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	76	51	bc	11.8	—	Worthing	*	*	*	14.5	*
Birmingham, 9 p.m.	73	54	b, o, c	9.4	—	Llandudno (to 6 p.m.)	*	*	*	9.6	*
Lowestoft, 6 p.m.	64	58	o, c, b	3.7	—	Rhyl (to 6 p.m.)	*	*	*	10.0	*
Hastings	*	*	*	14.7	*	Southport	75	55	b, c	11.8	—
Eastbourne (to 6 p.m.)	*	*	*	13.6	*	Manchester, 9 p.m.	82	54	b, og	12.0	—
Brighton	*	*	*	14.5	*	Darwen, 9 p.m.	76	54	c, b, om, c	8.1	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 9 <sup>th</sup>	73	61	o, o	Ins.	Algiers ... JULY 9 <sup>th</sup>	90	73	c, c	Ins.
Madrid	91	60	c, c	—	Tunis	100	75	o, o	—
Corsica (I. Sanguinaires)	82	63	m, m	—	Vienna	77	61	o, o	—
Rome	88	62	c, b	—	St. Petersburg	68	45	o, c	—
Florence	86	63	b, b	—	Lugano ... JULY 8 <sup>th</sup>	81	—	bc	Measured 7 a.m. 8 <sup>th</sup>
Trieste	79	68	b, c	—	Davos	68	—	b	—
Brindisi	80	65	o, b	—	Lucerne	77	—	b	—
Naples	80	68	b, b	—	Lausanne	77	—	b	—
Palermo	82	61	o, 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, 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.

10 <sup>th</sup> JULY, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.43	11.58	8.14
Greenwich	3.56	12.5	8.14
Wick	3.22	12.17	9.11
Valencia	4.34	12.46	8.58

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 11<sup>th</sup> July

1901.

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.
SCANDINAVIA.	Haparanda ...	30.05	64	Z	0	b	29.95	-11	61	60	-7	Z	0	r	*	b	77	55	*	0.12	
	Hernösand ...	30.04	68	Z	0	b	29.96	-13	74	61	+2	N	6	b	*	b	79	55	*	-	
	Stockholm ...	30.22	70	S	2	b	30.05	-08	78	66	+5	SW	2	b	*	b	82	57	*	-	
	Wisby ...	30.10	64	ESE	4	b	30.13	+01	65	57	+5	SE	2	b	*	b	68	52	*	-	
	Karlstad... ..	30.09	77	WSW	2	b	30.10	-08	69	61	-2	SW	2	b	*	b	*	*	*	-	
	Færder (X'ania Fjord)	30.12	71	SW	2	b	30.08	-07	68	65	-5	SW	4	bc	2	b	75	68	*	-	
	Bodö ...	30.06	54	Z	0	b	30.02	-11	53	51	-1	SW	6	o	3	b	57	52	*	0.16	
	Christiansund ...	30.17	59	N	5	f	30.21	+11	54	52	-13	N	1	f	1	f	67	52	*	-	
	Skudesnaes ...	30.19	58	Z	0	b	30.15	+13	56	53	+3	WSW	2	o	1	b	59	53	*	-	
	Sumburgh Head ...	30.12	58	SE	1	o	30.06	+04	56	56	0	SE	3	o	3	c, o	63	53	*	-	
Stornoway ...	30.08	65	SW	4	c	29.96	-10	57	56	-3	SW	3	o	3	c	68	52	11.4	0.03		
Malin Head ...	30.10	59	E	3	b	30.00	-11	62	60	+4	SSW	2	omr	2	c, b	63	55	*	0.01		
Blacksod Pt. ...	30.07	67	SW	1	bc	30.00	-14	60	59	+1	SSW	5	cmr	4	c, bc, t	67	59	*	0.22		
Valencia... ..	30.08	68	S	2	em	30.09	-03	62	61	+1	SSW	1	omg	3	cm	71	59	7.7	0.03		
BRITISH ISLANDS.	Roche's Point ...	30.14	70	SE	1	bc	30.12	-03	62	60	-3	WSW	3	omr	2	bc	71	60	*	-	
	Parsonstown ...	30.08	75	Z	0	o	30.07	-06	65	61	+4	SW	1	o	*	c, o	77	59	5.5	-	
	Donaghadee ...	30.13	59	NE	1	bc	30.07	-06	62	60	+5	SSW	2	c	3	bc	62	53	*	-	
	Liverpool Obsy. ...	30.12	69	W	1	b	30.11	00	70	64	+7	SE	1	b	1	b	73	60	*	-	
	Holyhead ...	30.13	60	NW	1	c	30.10	-02	70	65	+7	SW	1	cmr	1	b, c	70	57	*	-	
	Pembroke (St. Ann's)	30.11	68	WNW	2	b	30.11	+01	69	68	+1	E	2	bm	2	b	74	60	13.7	-	
	Scilly (St. Mary's)...	30.11	66	NE	3	bc	30.12	+01	66	63	0	WNW	1	bcfr	0	bc, bc	69	60	14.0	-	
	Jersey (St. Aubins)...	30.08	73	NNE	3	bm	30.13	+06	72	63	+3	NE	1	bm	1	b, bm	78	57	14.5	-	
	Portland Bill ...	30.09	67	WSW	1	bc, m	30.13	+04	65	63	+1	ENE	1	cm	1	cm, bc, m	71	59	*	-	
	Dungeness ...	30.09	60	E	4	f	30.11	+04	62	61	-1	NE	3	c	2	b, f	68	55	*	-	
Wick ...	30.12	59	S	2	f	30.02	-04	57	55	-1	S	2	m	1	f	68	55	*	0.03		
Nairn ...	30.07	66	E	2	bc	30.01	-05	63	60	-2	Z	0	cmr	0	bc, m	73	50	*	0.01		
Aberdeen ...	30.13	67	E	1	o	30.08	+01	57	56	-6	SE	2	cf	1	t, bc, o	66	55	5.9	-		
Leith ...	30.07	74	W	2	bc	30.07	00	59	57	-7	ESE	2	m	*	bc	79	55	*	-		
North Shields ...	30.11	67	N	3	c	30.11	+05	59	59	-7	SE	2	f	2	bc, bc, cf	73	55	*	0.08		
GERMANY, &c.	Spurn Head ...	30.11	65	ESE	4	f	30.17	+08	56	56	-9	SE	1	f	1	f	68	53	*	-	
	Yarmouth ...	30.11	60	NE	3	c	30.12	+03	59	58	0	NE	3	f	3	bc, c, f	61	54	*	-	
	Loughborough ...	30.08	79	Z	0	c	30.16	+06	57	55	-8	ESE	1	cmr	*	bc, c, bf	82	51	*	-	
	Oxford ...	30.09	71	ENE	1	b	30.13	+04	68	63	+3	NE	1	b	*	b	82	55	*	-	
	London (Brixton) ...	30.07	77	NE	2	b	30.12	+02	66	62	+4	NE	1	b	*	b, m	83	58	10.6	-	
	The Scaw (Skagen) ...	30.19	67	NW	1	b	30.15	-01	63	61	-6	W	3	o	1	b	81	61	*	-	
FRANCE.	Fanö ...	30.19	62	Z	0	b	30.21	+04	63	62	-2	Z	0	b	*	b	73	57	*	-	
	Cuxhaven ...	30.15	64	E	2	b	30.19	+04	67	62	+2	Z	0	b	*	b	73	61	*	-	
	The Helder ...	30.06	69	NE	3	b	30.10	+02	69	65	+8	ENE	1	b	0	b	73	61	*	-	
	Brussels... ..	*	*	*	*	*	30.09	+04	72	64	+10	ENE	1	b	*	b	84	58	*	-	
	Berlin ...	30.08	72	N	4	b	30.11	00	67	59	+3	NNE	2	b	*	b	82	57	*	-	
	Frankfurt ...	30.03	69	NE	4	b	30.10	+08	71	60	+1	NE	2	b	*	b	84	61	*	-	
	Munich ...	30.06	64	SE	4	b	30.12	+07	62	58	-4	SE	3	bc	*	b	73	50	*	0.04	
	C. Gris Nez ...	30.10	59	ENE	3	f	30.10	+04	60	59	+1	E	4	f	3	f	64	54	*	-	
	Brest ...	30.09	74	NE	1	b	30.15	+10	60	59	-4	NNW	1	b	1	b	84	57	*	-	
	Lorient ...	30.04	76	NE	4	b	30.10	+06	63	60	-3	ENE	2	b	0	b	88	59	*	-	
Rocheport ...	30.07	70	NW	3	c	30.11	+06	69	67	+2	N	2	b	*	c	81	64	*	-		
Biarritz ...	30.10	70	WNW	3	c	30.13	+04	67	67	+1	WNW	3	o	2	c	72	64	*	-		
SPAN. PEN.	Paris ...	29.99	81	N	2	b	30.07	+06	67	63	-1	N	2	b	*	b	86	62	*	-	
	Belfort ...	29.88	76	ENE	4	m	29.98	+03	67	59	+1	NE	4	m	*	m	84	58	*	-	
	Lyons ...	29.92	80	N	1	b	29.95	-01	73	63	+1	N	1	b	*	b, b	89	65	*	-	
	Nice ...	29.81	71	SW	2	c	29.87	+01	69	61	-4	Z	0	c	*	t, c	86	63	*	-	
	Perpignan ...	29.91	81	NW	2	o	29.94	+01	74	65	+4	NW	5	bc	*	o	90	70	*	-	
	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Lisbon ...	30.06	63	NNW	4	b	30.04	-01	64	61	+1	NNW	4	c	*	b	70	61	*	-		
Azores (P. Delgada) ...	30.19	68	NNE	3	b	30.21	+07	69	64	0	NNE	3	b	2	b	77	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 Thursday, 11<sup>th</sup> July, 1901.

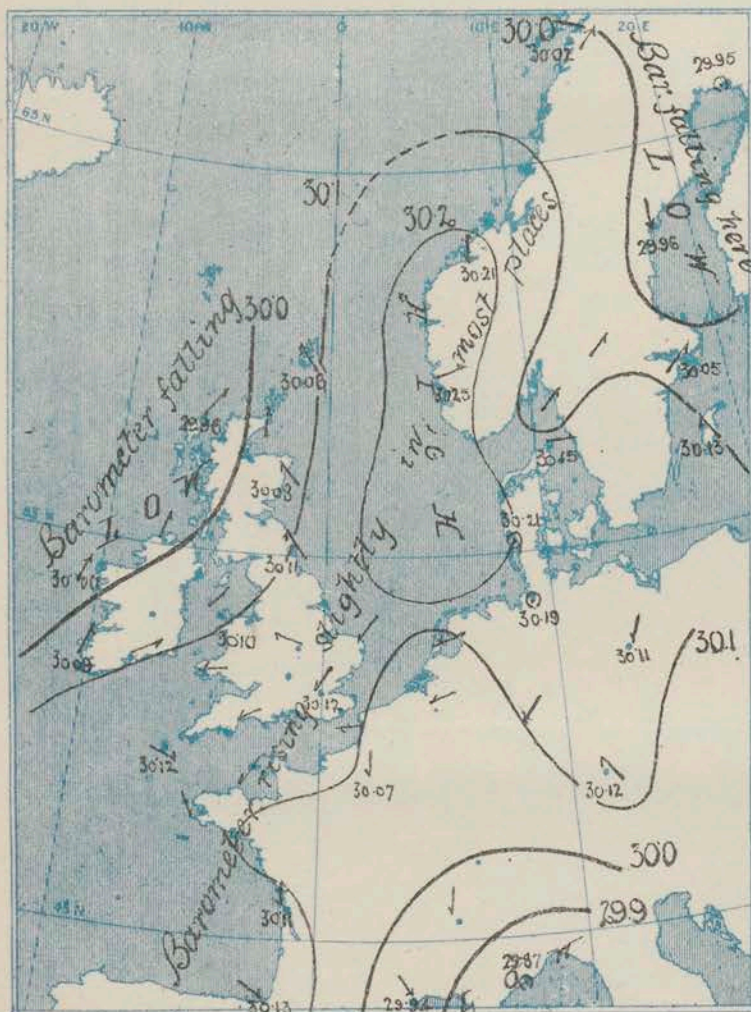
## I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force above 10 → : Force 6 to 7 → : } Calm ☉  
Force 8 to 10 → : Force 1 to 4 → :

SEA.—Rough : High :

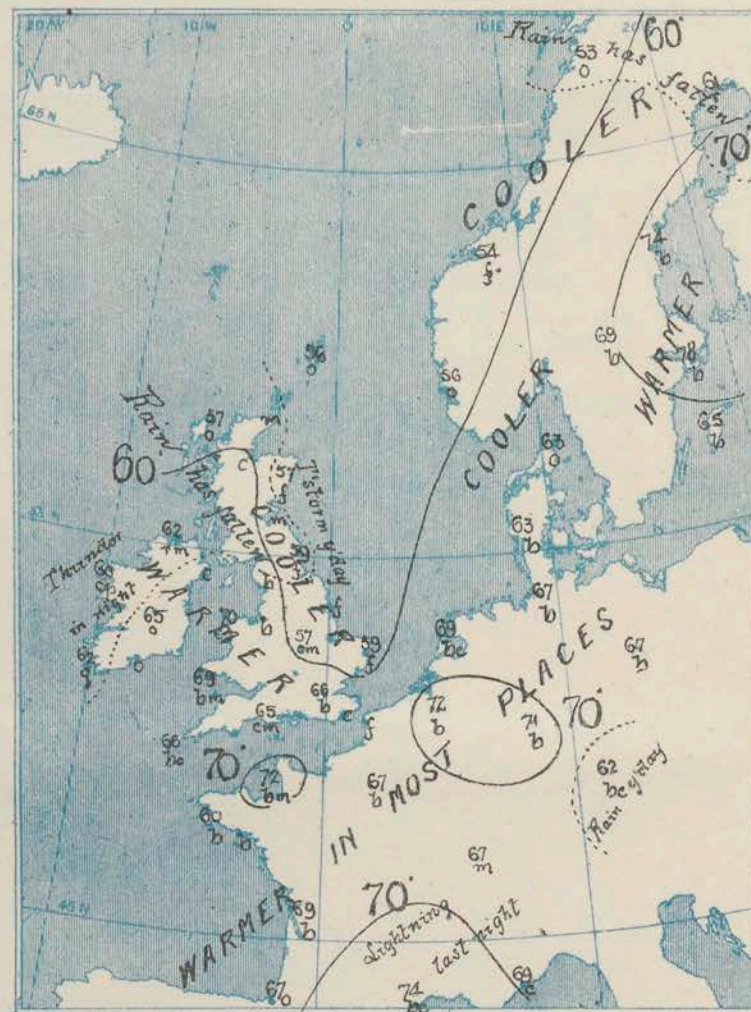


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

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

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



## III. BAROMETER AND WIND

Yesterday morning.

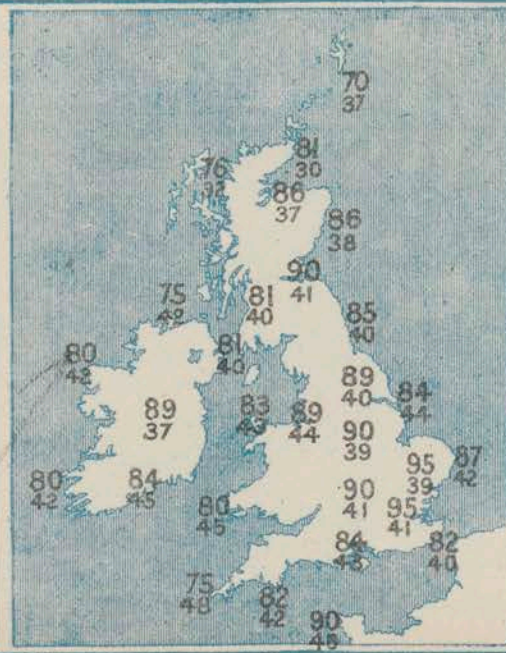


## IV. EXTREMES OF TEMPERATURE

in month of JULY (1871-1900)

Specimen { Highest Max, thus 85  
Lowest Min, " " 40

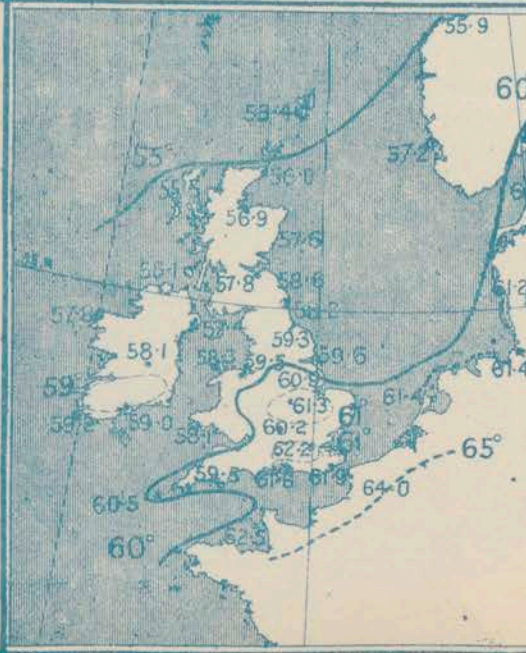
Malin Head & Blacksod Values are for only 15 years



## V. Means of DAILY TEMPERATURE

at 8 a.m. for the Monthly period

July (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

During the past night the barometer has fallen rather decidedly over Scotland and the north of Ireland, but in the east and south of our Islands, and on the Continent, as a whole, it has risen slightly. Readings now range from 30.2 inches and more over the western parts of Norway and Denmark, and 30.1 inches and more over England, the Channel and Brittany to 29.96 inches at Hottenway and to 29.84 inches at Nice.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind has accordingly become southerly and southwesterly at our western and northern stations, and is increasing a little in force. At Bodo a strong breeze from southwest is reported, but over France and the southeastern half of England the direction is mainly northeasterly and force light. Temperature has fallen in the north and in some isolated places over England. It now ranges from 78° at Stockholm, 74° at Helsingfors and Perpignan and 72° at Brussels to 59° at Aberdeen and Hottenway, 56° at Lumburg Head and Shields and 53° at Bodo. The values are considerably in excess of the average except at our extreme northwestern stations. Dull rainy weather has set in over Scotland and the northwest of Ireland; much fog is reported on our east coast, and the north coast of France. Sea is smooth except in the extreme north.

During yesterday maxima of 83° to 80° were recorded over central England. The rainfall measured this morning though general in the north and extreme west is slight. Of bright sunshine yesterday there was none at Lowestoft, 5.9 hours at Aberdeen, 5.5 hours at Portsmouth, but at the majority of stations the register amounted to between 10 and 14½ hours, the latter value being recorded at Jersey.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The influence of the new disturbance in the northwest is not likely to produce great results in the weather on our south and east coasts, but more rain and some thunder are probable in the north and northeast.

## FORECASTS \*

For the 24 hours ending at NOON on JULY 12<sup>TH</sup> 1901

### DISTRICTS.

### FORECASTS.

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

Southerly and Southwesterly winds, freshening; cloudy, rain at times; thunder locally.

Variable Easterly airs and calms; fine, warm.

### 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.

Southerly to Westerly and Northwesterly winds, fresh or moderate; some showers.

### WARNINGS

NONE ISSUED.

*Note.*—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.	Sec.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on Sea	*	*	*	*	*	*	*	*	*	*	m	*	b, f	65	55	4.5	—
Newton Reigny (Penrith)	30.10	73	NNW 2	b	30.12	+ .04	68	62	+ 3	ENE 2	b	*	bc, o	79	51	12.5	—
Bath	30.06	80	NE 1	bc	30.12	+ .03	67	63	— 1	NE 1	bc	*	bc	82	57	11.1	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	80	55	bc, b	10.8	—	Worthing	*	*	*	14.3	—
Birmingham, 9 p.m.	79	59	bm, o	6.6	—	Llandudno	73	55	b	9.6	—
Lowestoft, 6 p.m.	59	53	bw, o, f	0.0	—	Rhyl	*	*	*	13.0	—
Hastings	*	*	*	15.3	*	Southport	74	55	b	14.4	—
Eastbourne (to 6 p.m.)	*	*	*	12.2	*	Manchester, 9 p.m.	81	58	b	9.8	—
Brighton	*	*	*	14.0	*	Darwen, 9 p.m.	79	55	bw, cw	13.0	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 10	72	57	c, c	Ins.	Algiers ... JULY 10 <sup>th</sup>	88	72	o, f	Ins.
Madrid	93	59	c, o	—	Tunis	100	73	o, o	—
Corsica (I. Sanguinaires)	82	64	m, m	—	Vienna	70	54	o, c	—
Rome	87	62	b, b	—	St. Petersburg	72	48	o, b	—
Florence	89	63	b, b	—	Lugano ... JULY 9 <sup>th</sup>	82	—	b	Measured 7 a.m. 9 <sup>th</sup>
Trieste	82	66	b, r	?	Davos	72	—	b	—
Brindisi	79	63	b, b	—	Lucerne	81	—	b	—
Naples	84	69	b, b	—	Lausanne	77	—	b	—
Palermo	84	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.

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.	13 JULY, 1901.	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 ... ..	3.44	11.58	8.13
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	3.57	12.5	8.13
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.23	12.17	9.10
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.35	12.46	8.58
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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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 12<sup>th</sup> July,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.						
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.							
																Max.	Min.	Sun- shine.	Rainfall.				
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Max.	Min.	Hours	Ins.	
		Ins.				Ins.	Ins.	°	°			Ins.	Ins.	°	°								
SCANDINAVIA.	Haparanda	29.95	61	Z	0	c	30.06	+ .11	58	53	- 3	NE	2	b	c	73	57	*	-				
	Hernösand	30.00	69	Z	0	c	30.04	+ .08	66	57	- 8	N	2	b	c	84	55	*	-				
	Stockholm	29.99	77	W	2	b	29.99	- .06	73	63	- 5	NE	2	b	c	90	64	*	-				
	Wisby	30.06	67	SSW	4	b	30.02	- .11	67	63	+ 2	WSW	4	b	c	75	52	*	-				
	Karlstad	30.01	72	SW	2	b	30.02	- .08	67	62	- 2	E	2	b	c	*	*	*	-				
	Färder (X'ania Fjord)	30.00	66	SSW	1	b	30.04	- .04	65	62	- 3	NNE	2	b	c	70	63	*	-				
	Bodö	30.12	53	W	1	c	30.06	+ .04	54	52	+ 1	N	2	b	c	54	50	*	-				
	Christiansund	30.13	58	NE	3	b	30.05	- .16	56	55	+ 2	WNW	2	f	3	58	54	*	-				
	Skudesnaes	30.15	57	W	2	c	30.12	- .13	55	55	- 1	SW	2	f	2	59	54	*	-				
BRITISH ISLANDS.	Sumburgh Head	29.96	56	SE	2	f	30.03	- .03	56	53	0	WSW	3	b	4	f	58	49	*	0.05			
	Stornoway	29.98	56	WNW	5	a	30.06	+ .10	55	54	- 2	WSW	4	c	4	op. o	61	50	2.5	0.05			
	Malin Head	30.06	56	W	3	adm	30.20	+ .12	57	54	- 5	WNW	3	c	3	r. adm	62	54	*	0.10			
	Blackod Pt.	30.16	58	NW	4	c	30.27	+ .27	56	53	- 4	W	4	c	3	r. m. c	60	56	*	0.07			
	Valencia	30.17	59	N	3	c	30.30	+ .21	57	52	- 5	N	3	c	4	r. m. o	62	54	0.0	0.03			
	Roche's Point	30.16	61	WNW	3	c	30.29	+ .17	58	52	- 4	NNW	3	b	3	r. o	66	53	*	-			
	Parsonstown	30.14	58	W	1	c	30.29	+ .12	55	51	- 10	NN	1	c	2	or	66	46	0.2	0.04			
	Donaghadee	30.09	65	W	3	b	30.23	+ .16	56	52	- 6	WNW	3	b	2	b	73	53	*	0.05			
	Liverpool Obsy.	30.08	72	WNW	1	c	30.19	+ .08	60	58	- 10	WNW	2	c	3	c	84	58	*	-			
GERMANY, &c.	Holyhead	30.10	65	WSW	2	b	30.24	+ .14	56	53	- 14	N	3	c	2	b	74	53	*	-			
	Pembroke (St. Ann's)	30.12	63	NW	3	b	30.22	+ .11	57	57	- 12	N	4	ogp	3	b	77	56	12.5	0.01			
	Scilly (St. Mary's)	30.14	64	NNW	4	c	30.19	+ .07	62	60	- 4	NNW	4	c	1	b. o	68	60	10.9	-			
	Jersey (St. Aubin's)	30.09	76	N	3	b	30.13	- .00	73	65	+ 1	NN	2	b	2	b	80	55	14.7	-			
	Portland Bill	30.11	65	NNW	1	b	30.13	- .00	65	63	0	Z	0	b	1	b	72	59	*	-			
	Dungeness	30.09	66	ESE	1	b	30.09	- .02	72	66	+ 10	E	1	b	2	b	72	58	*	-			
	Wick	29.96	62	Z	0	r	30.08	+ .06	57	54	0	W	3	b	1	r	67	55	*	0.08			
	Nairn	29.89	64	W	1	c	30.13	+ .12	61	53	- 2	SW	2	c	1	c	72	47	*	0.02			
	Aberdeen	30.01	63	SE	1	cm	30.15	+ .07	55	50	- 2	N	1	og	1	cm	71	54	4.1	0.05			
FRANCE.	Leith	30.02	68	W	4	c	30.17	+ .10	62	54	+ 3	W	4	r	c	c	79	55	*	-			
	North Shields	30.04	72	SW	2	cm	30.14	+ .03	64	60	+ 5	NN	2	c	2	c	77	57	*	-			
	Spurn Head	30.09	59	SE	3	b	30.08	- .09	64	62	+ 8	NNW	4	c	3	b	65	56	*	-			
	Yarmouth	30.10	67	NE	2	b	30.09	- .03	66	63	+ 7	NNW	1	b	2	b	67	55	*	-			
	Loughborough	30.07	84	SE	1	b	30.14	- .02	67	63	+ 10	WNW	2	cm	c	b. b. cm	85	57	*	-			
	Oxford	30.06	76	SW	1	b	30.12	- .01	68	63	0	NNW	2	b	c	b	86	60	*	-			
	London (Brixton)	30.07	80	ENE	2	b	30.10	- .02	71	63	+ 5	Z	0	b	c	b	87	59	8.8	-			
	The Scaw (Skagen)	30.08	61	W	3	b	30.07	- .08	63	61	0	W	3	c	1	b	70	57	*	-			
	Fanö	30.18	59	NW	1	f	30.18	- .03	60	59	- 3	NNW	1	f	c	f	75	54	*	-			
SPAN. PEN.	Cuxhaven	30.14	68	N	1	b	30.15	- .04	68	65	+ 1	Z	0	b	c	b	73	63	*	-			
	The Helder	30.09	71	ENE	1	b	30.09	- .01	75	69	+ 6	ESE	1	b	0	b	75	66	*	-			
	Brussels	30.02	77	NNE	2	b	30.09	- .02	78	65	+ 6	W	1	b	c	b	87	60	*	-			
	Berlin	30.07	70	NE	2	b	30.09	- .01	72	63	+ 1	NE	1	b	c	b	84	61	*	-			
	Frankfurt	30.11	64	SW	2	b	30.15	+ .03	65	60	+ 3	SW	2	b	c	b	73	54	*	-			
	Munich	30.08	61	W	3	b	30.07	- .08	63	61	0	W	3	c	1	b	70	57	*	-			
	C. Gris Nez	30.03	65	ENE	2	b	30.09	- .01	64	63	+ 4	ENE	1	m	1	b	68	55	*	-			
	Brest	30.11	69	N	2	b	30.16	+ .01	61	59	+ 1	N	2	c	1	b	79	59	*	-			
	Lorient	30.08	77	NW	1	b	30.12	+ .02	64	60	+ 1	NE	2	b	1	b	82	61	*	-			
SPAN. PEN.	Rocheport	30.09	73	WNW	3	b	30.11	- .00	70	67	+ 1	ENE	1	b	c	b	82	64	*	-			
	Biarritz	30.13	70	W	3	b	30.13	- .00	67	66	0	SSW	2	b	2	b	73	64	*	-			
	Paris	30.04	83	NNE	2	b	30.10	+ .03	70	65	+ 3	N	1	b	c	b	86	59	*	-			
	Belfort	29.95	75	NE	4	b	30.04	+ .06	65	59	- 2	ENE	2	m	c	b	79	55	*	-			
	Lyons	29.94	80	N	2	b	30.04	+ .09	68	57	- 5	N	1	b	c	b	86	61	*	-			
	Nice	29.91	72	N	2	b	29.96	+ .09	74	61	+ 5	E	1	b	c	b	77	64	*	-			
	Perpignan	29.93	82	NW	4	b	30.01	+ .07	77	68	+ 3	NW	3	b	c	b	81	71	*	-			
	Corunna	30.04	65	NW	3	b	30.04	- .00	67	62	+ 3	NNW	4	b	c	b	77	61	*	-			
	Lisbon	30.04	65	NW	3	b	30.04	- .00	67	62	+ 3	NNW	4	b	c	b	77	61	*	-			
Azores (P. Delgada)	30.04	65	NW	3	b	30.04	- .00	67	62	+ 3	NNW	4	b	c	b	77	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 *Friday, 12<sup>th</sup> July, 1901.*

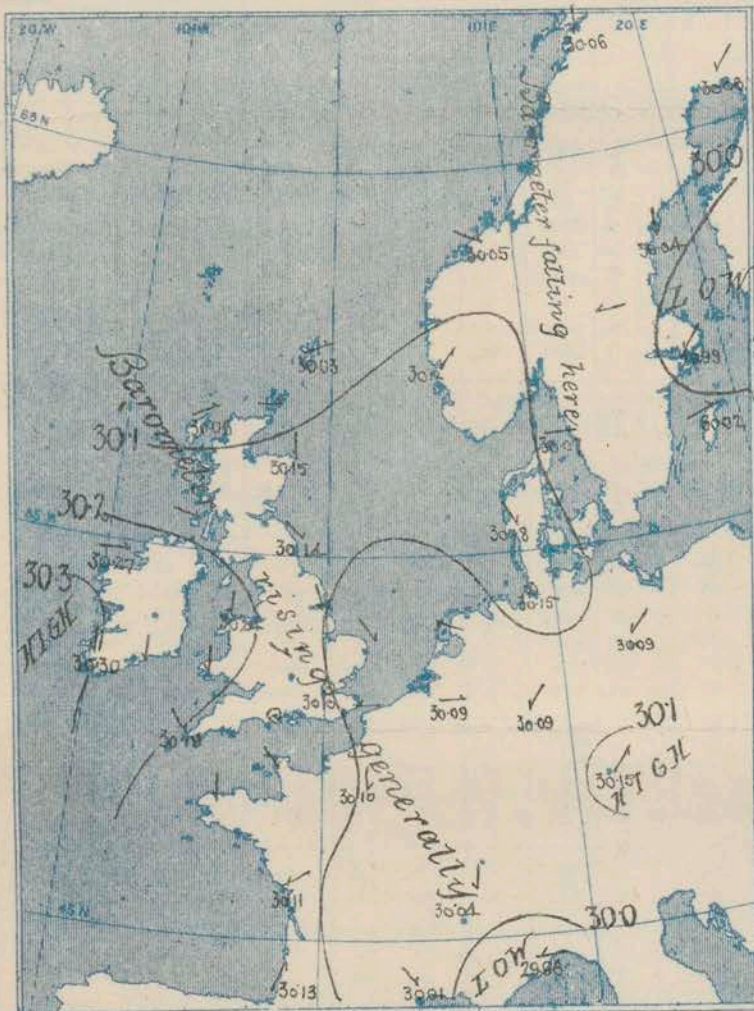
## I. BAROMETER, WIND AND SEA. This Morning.

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 ■

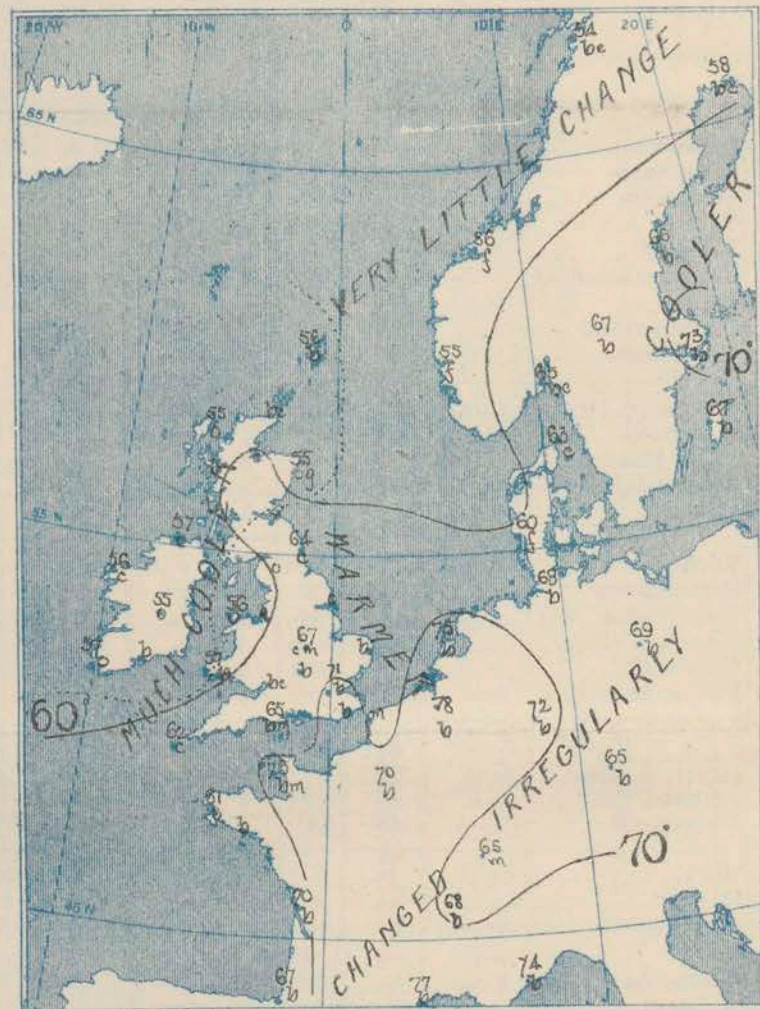


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

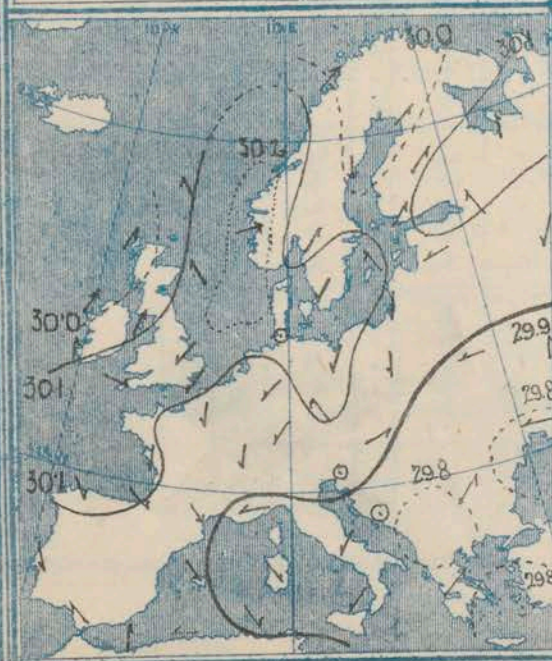
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.*

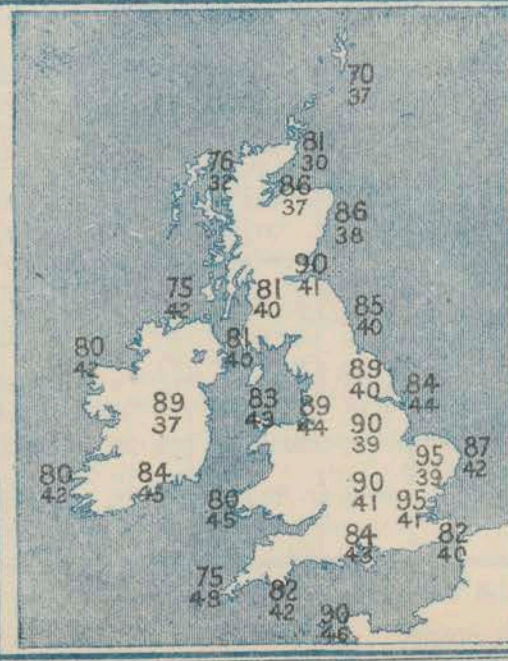


## IV. EXTREMES OF TEMPERATURE

*in month of JULY (1871-1900)*

Specimen { Highest Max, thus 85  
Lowest Min, " " 40

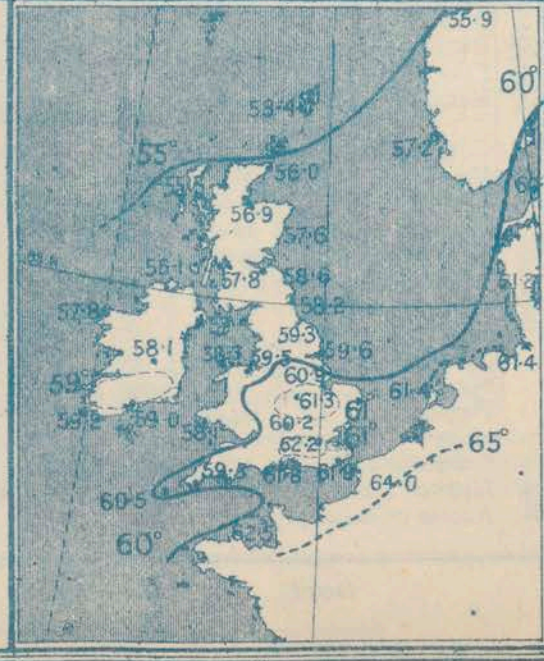
*Malin Head & Blacksod Values are for only 15 years*



## V. Means of DAILY TEMPERATURE

*at 8 a.m. for the Monthly period*

*July (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Since yesterday the barometer has risen a little over all the western parts of the British Islands, but has fallen in the east and in Denmark and North Germany. Readings this morning vary from between 30.3 inches and 30.2 inches over Ireland and Wales to 29.96 inches at Nice, and 30.09 inches at the Helldet.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is westerly at our northern stations, northerly over England, North-easterly over Germany and France. Temperature has fallen very abruptly and considerably at many of our western stations, from 74° in the east and south; it now varies from 71° at Perpignan, 74° at Nice, 72° at Dinan, 71° in London and 73° at Stockholm to between 58° and 55° in Ireland, 55° at Aberdeen and 54° at Bodø. The readings in France and England are much higher than the average, those in Ireland are rather low. Weather is dull and misty in the west with slight showers at Pembroke, fine and bright in the east and south. Sea is smooth except in the north.

Yesterday's maxima in the shade touched 86° at Paris, 84° at Brussels, and 90° at Stockholm. Bright sunshine was again very prevalent in most places, the amounts reported varying from 14.7 hours at Jersey to 12.9 hours at Northwich, 10.7 hours at Hastings and 11.5 hours at Llandudno. At Valencia there was again none.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A new anticyclonic system is advancing over Ireland from the westward and light Northwesterly to Northerly winds are probable with fine, and very warm weather.

## FORECASTS \*

For the 24 hours ending at NOON on JULY 13<sup>TH</sup> 1901

### DISTRICTS.

### FORECASTS.

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

Westerly and Southwesterly winds, light; fine, warm.

Northwesterly to Northeasterly air; fine, very warm.

### DISTRICTS.

### FORECASTS.

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

Same as Nos 0 and 1.

Same as Nos 2 to 5.

### WARNINGS

NONE ISSUED.

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

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



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Inch.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Inch.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	b	*	b, b	72	57	10.0	-
Newton Reigny (Penrith)	30.05	76	WSW 3	b	30.19	+ .07	58	55	- 10	NW 3	o	*	b, om	88	58	11.0	-
Bath	30.07	76	N 2	c	30.13	+ .01	66	63	- 1	N 2	b, c	*	c	83	58	9.8	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.		Rainfall.												
	Max.	Min.		Hrs.	Inch.													
Harrogate, 6 p.m.	77	56	c, c, cm	6.8	0.02													
Birmingham, 9 p.m.	82	58	b, c	8.8	-													
Lowestoft, 6 p.m.	65	55	f, b	9.0	-													
Hastings	*	*	*	12.2	*													
Eastbourne (to 6 p.m.)	*	*	*	10.6	*													
Brighton	*	*	*	9.5	*													
Worthing	*	*	*															
Llandudno (to 6 p.m.)	*	*	*															
Rhyl (to 6 p.m.)	*	*	*															
Southport	83	53	b, c															
Manchester, 9 p.m.	85	58	b, og															
Darwen, 9 p.m.	82	57	b, gmp, ov															

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.														
	Max.	Min.																
Madeira (Funchal) JULY 11 <sup>th</sup>	72	54	c, c	Ins.														
Madrid	-	-	-	-														
Corsica (I. Sanguinaires)	84	64	m, m	-														
Rome	84	64	c, b	-														
Florence	82	61	c, o	-														
Trieste	86	63	o, c	-														
Brindisi	83	63	o, o	-														
Naples	81	68	b, c	-														
Palermo	86	63	b, b	-														
Algiers JULY 11 <sup>th</sup>	84	73	b, o	Ins.														
Tunis	88	64	- c, c	-														
Vienna	73	61	c, o	-														
St. Petersburg	64	52	b, b	-														
Lugano JULY 10 <sup>th</sup>	86	-	b	-														
Davos	64	-	b	-														
Lucerne	79	-	b	-														
Lausanne	82	-	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, 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 <sup>th</sup> July, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.45	11.58	8.12
Greenwich	3.58	12.5	8.12
Wick	3.25	12.17	9.9
Valencia	4.36	12.46	8.57

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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 13<sup>th</sup> July, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.				WIND.		Weather.	Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.				Min.			
																				Ins.		
SCANDINAVIA.	Haparanda ...	30.08	61	2	0	b	30.02	-.04	63	56	+ 5	2	0	bc	2	b	70	55	*	-		
	Hernösand ...	30.03	60	2	0	b	29.97	-.07	64	60	- 2	E	2	b	2	b	75	57	*	-		
	Stockholm ...	30.01	72	E	2	b	29.95	-.04	77	63	+ 4	SW	2	b	2	b	82	64	*	-		
	Wisby ...	29.99	66	N	4	b	29.97	-.05	65	61	- 2	N	4	b	2	b	77	52	*	-		
	Karlstad ...	30.00	72	SW	2	b	29.99	-.03	64	60	- 3	WSW	2	o	2	b	*	*	*	-		
	Færder (X'ania Fjord)	29.98	67	SW	3	m	29.94	-.10	65	63	0	NNE	1	m	3	m	72	64	*	-		
	Bodö ...	30.01	57	2	0	c	29.97	-.09	54	51	0	W	4	bc	2	e	59	52	*	0.24		
	Christiansund ...	30.06	55	WNW	3	o	30.04	-.01	59	52	+ 3	N	3	bc	2	o	59	54	*	-		
	Skudesnaes ...	30.03	57	NNW	2	o	30.12	.00	58	54	+ 3	NNW	4	b	1	f. o	58	55	*	*		
	Sumburgh Head	30.03	57	SW	4	bc	30.01	-.02	54	52	- 2	WSW	4	o	4	c, bc	61	50	*	0.02		
Stornoway ...	30.09	60	WNW	6	o	30.09	+ .03	55	54	0	W	4	o	4	o	60	50	6.0	-			
Malin Head ...	30.20	58	WNW	4	bump	30.22	+ .02	55	54	- 2	NNW	4	og	4	bc, mp	61	55	*	-			
Blacksod Pt. ...	30.28	58	WNW	4	o	30.29	+ .02	58	54	+ 2	WNW	3	c	2	bc, o	61	56	*	0.01			
Valencia ...	30.32	59	NNW	2	o	30.30	.00	60	56	+ 3	N	1	o	3	o	61	56	0.2	-			
BRITISH ISLANDS.	Roche's Point ...	30.30	60	N	4	o	30.30	+ .01	60	54	+ 2	N	3	c	3	o	65	56	*	-		
	Parsonstown ...	30.28	60	NN	1	o	30.28	-.01	57	54	+ 2	NNW	1	o	*	o	62	54	0.9	-		
	Donaghadee ...	30.23	58	N	2	o	30.25	+ .02	56	53	0	NW	2	o	3	o	61	53	*	-		
	Liverpool Obsy. ...	30.21	58	WNW	2	o	30.21	+ .02	59	55	- 1	NNW	2	bc	3	o	62	56	*	-		
	Holyhead ...	30.25	58	N	1	c	30.23	-.01	57	55	+ 1	N	2	o	1	c	60	53	*	-		
	Pembroke (St. Ann's)	30.22	58	NNE	6	c	30.20	-.02	61	59	+ 4	NNE	5	b	4	c	61	53	0.1	-		
	Scilly (St. Mary's) ...	30.20	59	N	5	o	30.16	-.03	60	57	- 2	N	5	c	2	o	63	56	0.3	-		
	Jersey (St. Aubins) ...	30.09	70	WNW	4	og	30.06	-.07	63	61	- 10	NNW	4	og, m	3	bc, og, flr	79	60	4.5	0.58		
	Portland Bill ...	30.09	75	NNE	3	cm	30.10	-.03	62	60	- 3	NNE	4	c	3	cm	79	59	*	-		
	Dungeness ...	30.07	71	S	1	b	30.10	+ .01	60	60	- 12	N	3	flr	2	b	75	60	*	0.49		
GERMANY, &c.	Wick ...	30.09	65	W	4	bc	30.08	.00	59	56	+ 2	W	4	c	2	bc	70	52	*	-		
	Nairn ...	30.11	66	SW	3	bc	30.11	-.02	60	55	- 1	SW	3	c	1	bc	69	50	*	-		
	Aberdeen ...	30.14	59	NW	2	b	30.14	-.01	60	57	+ 5	W	1	b	1	b	62	47	7.8	-		
	Leith ...	30.16	64	WSW	2	bc	30.18	+ .01	62	54	0	NW	4	bc	*	bc	71	51	*	-		
	North Shields ...	30.16	60	NE	1	c	30.18	+ .04	57	52	- 7	NW	3	c	2	c	65	49	*	-		
	Spurn Head ...	30.14	61	NNE	4	c	30.19	+ .11	62	60	- 2	NNE	3	b	3	c	66	57	*	-		
	Yarmouth ...	30.08	67	NNW	3	bc	30.08	-.01	62	59	- 4	N	4	bc	4	b, bc	71	56	*	-		
	Loughborough ...	30.14	68	NNW	1	o	30.18	+ .04	62	58	- 5	N	2	cm	*	cm, om	76	57	*	-		
	Oxford ...	30.14	67	NNE	3	o	30.14	+ .02	60	56	- 8	N	2	ov	o	o, l	76	58	*	-		
	London (Brixton) ...	30.07	74	NNE	3	o	30.11	+ .01	64	60	- 7	NNE	2	c	*	og, bc, l	86	60	5.0	-		
FRANCE.	The Scaw (Skagen) ...	30.05	59	W	3	m	29.98	-.09	64	62	+ 1	W	5	m	1	m	68	57	*	-		
	Fanö ...	30.13	60	W	2	b	30.12	-.06	61	59	+ 1	W	2	c	*	b	73	55	*	-		
	Cuxhaven ...	30.10	72	N	2	b	30.06	-.09	69	66	+ 1	NE	2	b	*	b	75	66	*	-		
	The Helder ...	30.06	73	NE	2	b	30.04	-.05	69	66	- 6	NNE	1	b	1	b	79	64	*	-		
	Brussels ...	*	*	*	*	*	30.00	-.09	78	67	0	NE	1	b	*	b	91	62	*	-		
	Berlin ...	30.05	79	NNW	3	b	30.05	-.04	75	66	+ 6	N	1	b	*	b	88	68	*	-		
	Frankfurt ...	30.04	74	NE	2	b	30.04	-.05	71	62	- 1	NE	2	b	*	b	88	61	*	-		
	Munich ...	30.10	67	2	0	b	30.11	-.04	66	59	+ 1	SW	1	b	*	b	77	57	*	-		
	C. Gris Nez ...	30.06	68	E	1	m	30.05	-.04	61	59	- 3	NE	5	t	4	m	66	57	*	0.39		
	Brest ...	30.19	61	N	2	o	30.13	-.03	59	58	- 2	NNW	1	c	1	o	72	57	*	0.04		
Lorient ...	30.06	75	NNE	4	o	30.07	-.05	64	61	0	NNE	2	bc	3	o	82	63	*	0.12			
Rochefort ...	30.09	73	NW	3	c	30.07	-.04	69	66	- 1	E	2	bc	*	c	82	64	*	-			
Biarritz ...	30.12	71	WNW	3	o	30.11	-.02	69	68	+ 2	WSW	4	c	2	o	73	64	*	-			
SPAN. PEN.	Paris ...	30.03	82	ESE	2	b	30.01	-.09	69	64	- 1	N	1	b	*	b	90	61	*	-		
	Belfort ...	29.96	78	NE	2	m	29.99	-.05	65	59	0	E	1	m	*	m	81	57	*	-		
	Lyons ...	29.99	82	NNW	1	b	30.01	-.03	73	59	+ 5	E	1	b	*	b	88	63	*	-		
	Nice ...	29.96	74	W	2	b	30.00	+ .04	70	65	- 4	2	o	b	*	b	86	64	*	-		
	Perpignan ...	29.97	86	NW	2	b	30.00	-.01	74	67	- 3	SW	1	c	*	b	91	66	*	-		
	Corunna ...	30.02	65	NW	4	b	29.99	-.05	64	62	- 3	NE	1	m	*	b	81	61	*	-		
Lisbon ...	30.02	69	NE	3	b	30.28	.01	70	66	0	WNW	1	c	2	b	77	66	*	-			
Azores (P. Delgada)	30.01	69	NE	3	b	30.28	.01	70	66	0	WNW	1	c	2	b	77	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 *Saturday, 13<sup>th</sup> July, 1901.*

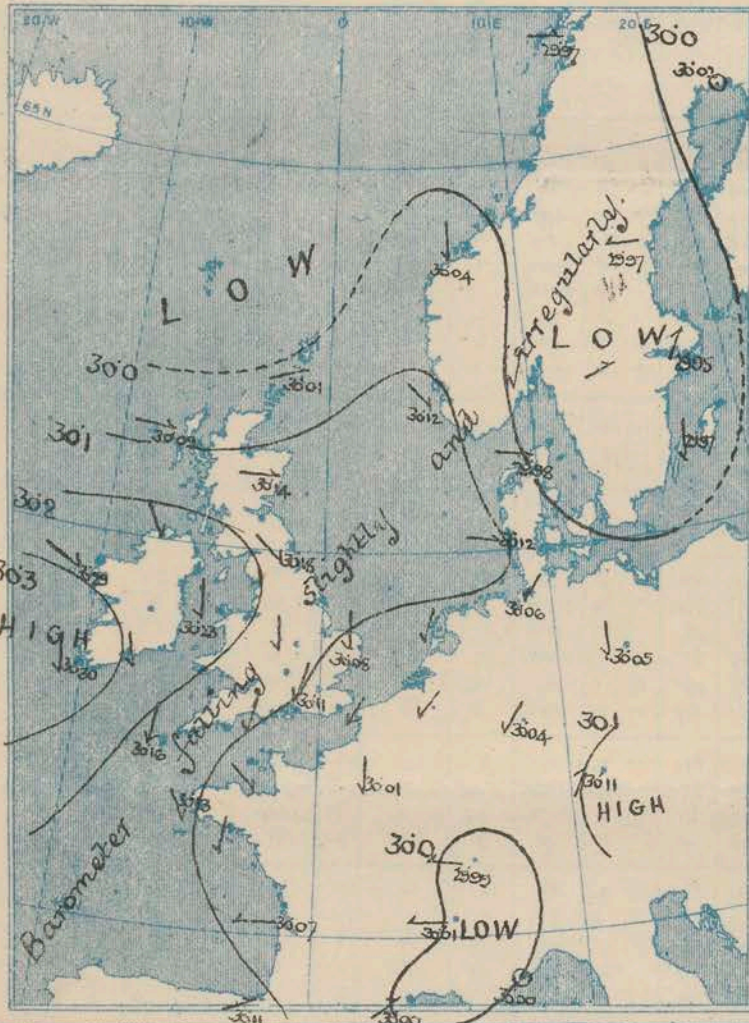
## I. BAROMETER, WIND AND SEA. This Morning.

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 ≡

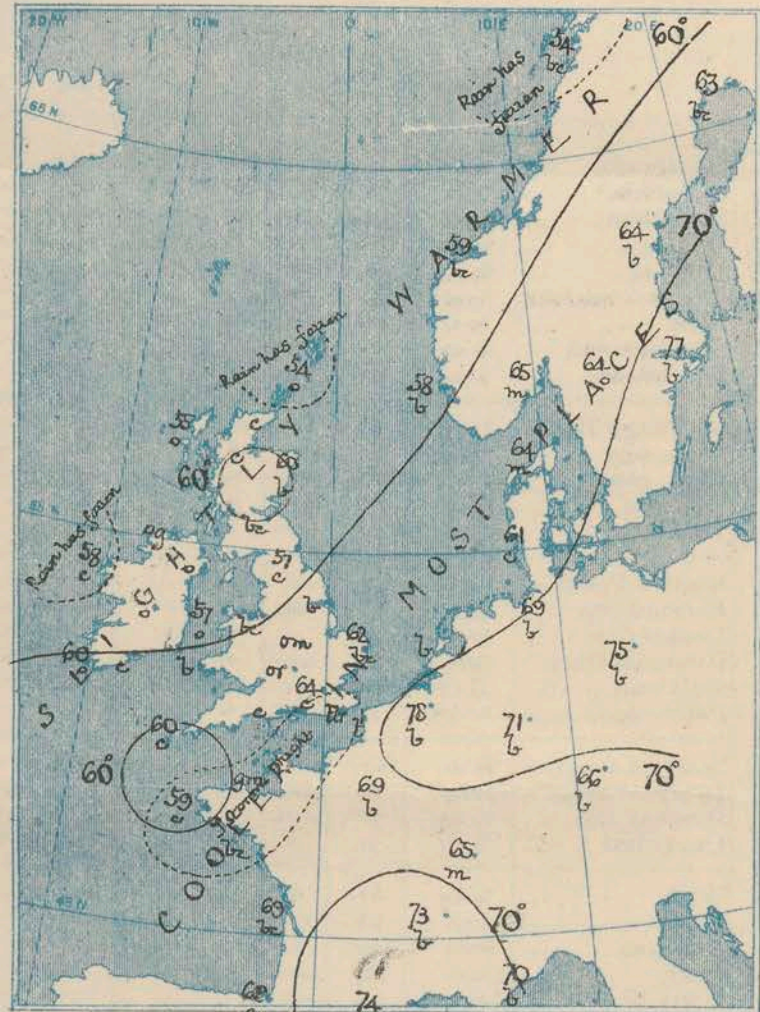


## II. TEMPERATURE AND WEATHER. This Morning.

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.*



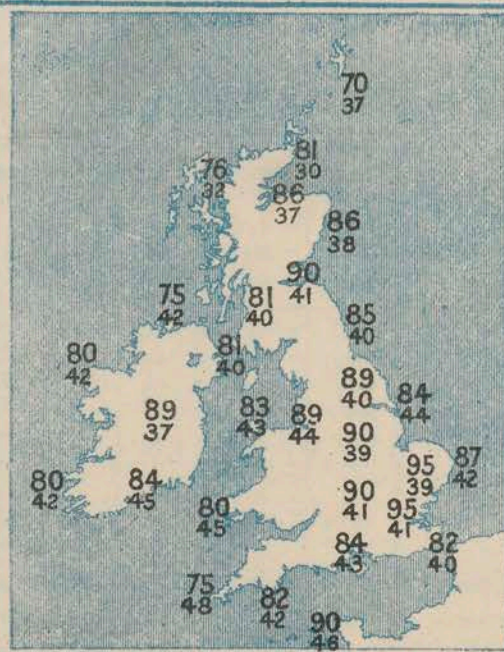
## IV. EXTREMES OF TEMPERATURE

*in month of JULY (1871-1900)*

Specimen { Highest Max, thus 85

Lowest Min, " " 40

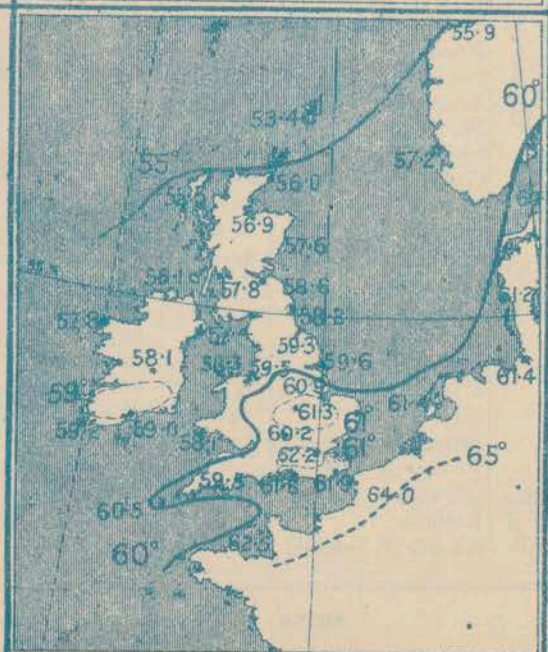
*Malin Head & Blacksod Values are for only 15 years*



## V. Means of DAILY TEMPERATURE

*at 8 a.m. for the Monthly period*

*July (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The barometer is falling slightly in nearly all parts of our area, but the changes are rather irregular. The barometer continues highest, 30.2 inches to 30.3 inches, in an anticyclone extending over Ireland from the Atlantic and lowest, 30.0 inches and less, in two very shallow depressions situated over France and Scandinavia.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Moderate westerly winds prevail in Scotland and light or moderate northerly to northwesterly winds over Ireland and England, while over the greater part of France and over Scandinavia there are feeble currents of air circulating round the depressions noticed above. Temperature has fallen very decidedly over England, but changed slightly and somewhat irregularly in other parts of Northwestern Europe. Readings over our islands range from 64° in London to 55° at Mull of Galloway and 54° in the Shetlands. In Sweden it remains high the reading at Stockholm being 77°. At Brussels the thermometer stands at 78° and at Berlin 75°. The weather continues fine and bright at most of the continental stations, but is cloudy or dull in nearly all parts of the United Kingdom, with rain at Oxford and a thunderstorm at Bath and Dungeness. A thunderstorm is also reported on the French side of the Channel. The sea is moderate to smooth.

During yesterday the thermometer rose to 82° at Stockholm, 86° in London, to between 88° and 91° over Germany, to 90° at Paris, and to 91° at Perpignan. A heavy thunderstorm, accompanied by half an inch of rain, occurred during the night at Jersey and a similar quantity of rain was also measured at Dungeness. Thunderstorms were experienced yesterday over some parts of the Metropolitan district, and lightning was observed in London at night. Bright sunshine was large on our south and southeast coasts, as much as 1.5 hours in some places, but less elsewhere. At the Irish stations there was scarcely any.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Rather variable weather now seems probable over the United Kingdom with more cloud and lower temperatures than of late, and slight rain in places.

## FORECASTS \*

For the 24 hours ending at NOON on JULY 14<sup>TH</sup> 1901

### DISTRICTS.

### FORECASTS.

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

W<sup>N</sup> or NW<sup>N</sup> winds, light or moderate; cloudy or dull generally, some rain in places.

N<sup>N</sup> and NE<sup>N</sup> winds, light or moderate; changeable, cooler than of late, some rain and thunder in places, then fair.

### DISTRICTS.

### FORECASTS.

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

Same as Nos: 0 to 2.

N<sup>N</sup> winds, light or moderate; fair as a whole.

Northerly or Northwesterly winds, light; cloudy or dull, probably rain later.

### WARNINGS.

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.				
	Bar.	Temp.	Wind.	Weather.	Barometer.	Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun-	Rainfall
	Ins.	°			Ins.	Change.	Dry.	Wet.	Change.				Max.	Min.	shine.	Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	73	57	13.0	—
Newton Reigny (Penrith)	30.14	70	NW 3	b	30.21	+ .02	56	52	— 2	NW 2	0	*	69	43	4.0	—
Bath	30.12	69	N 3	0	30.14	+ .01	56	55	— 10	NE 2	7	*	76	55	5.2	0.35

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	74	58	c, o	0.3	—	Worthing	*	*	*	11.0	*
Birmingham, 9 p.m.	71	59	b, o	4.5	—	Llandudno (to 6 p.m.)	*	*	*	0.5	*
Lowestoft, 6 p.m.	73	53	bw, b, c	12.5	—	Rhyl (to 6 p.m.)	*	*	*	3.0	*
Hastings	*	*	*	13.4	*	Southport	64	59	c, o, c	0.9	*
Eastbourne (to 6 p.m.)	*	*	*	12.8	*	Manchester, 9 p.m.	73	57	o, c	0.3	—
Brighton	*	*	*	11.5	*	Darwen, 9 p.m.	67	55	c, op, evw	0.3	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 12 <sup>th</sup>	72	59	0, 0	Ins.	Algiers ... JULY 12 <sup>th</sup>	84	72	0, c	Ins.
Madrid	—	—	—	—	Tunis	91	68	0, 0	—
Corsica (I. Sanguinaires)	86	66	m, m	—	Vienna	68	73	0, 0	0.08
Rome	80	59	c, c	0.24	St. Petersburg	73	52	c, b	—
Florence	80	61	b, 0	—	Lugano ... JULY 11 <sup>th</sup>	81	—	bc	Measured at 7 a.m. 11 <sup>th</sup>
Trieste	79	66	c, bc	—	Davos	63	—	b	—
Brindisi	83	61	r, c	0.12	Lucerne	77	—	b	—
Naples	78	61	0, c	—	Lausanne	75	—	b	—
Palermo	86	68	c, cl	0.24					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

	Hours of Morning Observations by Local Standard Time.		Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.		Corresponding Greenwich Times.	13 <sup>th</sup> JULY, 1901.			
							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	3.46	11.58	8.11		
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (m.e.t.)	7 p.m.	Greenwich	3.59	12.5	8.12		
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.27	12.17	9.8		
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	4.37	12.46	8.56		
Portugal	8 a.m. (Lisbon)	8.36 a.m.								

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



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 14<sup>th</sup> July, 1901.

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 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.		
SCANDINAVIA.	Haparanda	29.87	61	N	2	0	29.82	-20	61	58	-2	NW	4	c	*	0	72	57	*	0.24	
	Hernösand	29.89	58	Z	0	0	29.91	-06	59	53	-5	N	4	0	*	0	72	52	*	0.39	
	Stockholm	29.90	69	S	2	b	29.85	-10	73	62	-4	SW	2	b	*	0	84	61	*	-	
	Wisby	29.92	68	WSW	4	b	29.89	-08	65	62	0	W	4	b	*	0	75	54	*	-	
	Karlstad	29.87	70	SW	2	b	29.88	-11	64	58	0	Z	0	b	*	0	*	*	*	-	
	Færder (X'iania Fjord)	29.86	67	SW	1	b	29.92	-02	63	54	-2	NNW	4	b	2	0	73	61	*	-	
	Bodö	29.87	57	W	2	bc	29.83	-14	52	49	-2	W	6	r	3	bc	59	50	*	0.04	
	Christiansund	29.99	56	WNW	7	bc	29.99	-05	53	50	-6	W	7	c	3	bc	59	52	*	-	
	Skudesnaes	30.11	57	NW	2	b	30.08	-04	57	53	-1	NNW	4	c	1	b	61	54	*	*	
	Sumburgh Head	30.02	53	WSW	4	c	30.05	+04	53	51	-1	WSW	1	0	3	c	59	49	*	0.02	
Stornoway	30.11	56	W	4	0	30.09	-00	56	55	+1	WSW	3	0	3	0	59	50	5.7	0.02		
Malin Head	30.20	58	WNW	3	og	30.02	-20	58	54	+3	S	4	bc	3	og	60	51	*	0.01		
Blacksod Pt.	30.23	59	WSW	2	c	29.96	-33	59	56	+1	SSW	4	c	4	c	60	54	*	-		
Valencia	30.19	62	NNW	5	c	30.00	-30	59	56	-1	S	1	0	3	bc, c	66	56	5.5	-		
BRITISH ISLANDS.	Roche's Point	30.21	64	SSE	2	b	30.05	-25	60	57	0	SE	3	0	3	b	66	53	*	-	
	Parsonstown	30.19	68	NW	1	c	30.03	-25	58	55	+1	W	1	0	2	c	68	52	6.2	-	
	Donaghadee	30.20	59	NNE	2	b	30.06	-19	56	54	-1	ESE	2	bc	2	b	61	50	*	-	
	Liverpool Obsy.	30.17	63	WNW	2	b	30.09	-12	62	57	+3	ESE	1	bc	1	b	66	63	*	-	
	Holyhead	30.19	57	N	2	b	30.06	-17	63	60	+6	Z	0	cm	1	b	63	53	*	-	
	Pembroke (St. Ann's)	30.16	62	NE	6	b	30.04	-16	59	59	-2	SE	4	og	3	b	64	53	3.8	-	
	Scilly (St. Mary's)	30.12	60	N	4	b	30.04	-12	61	60	+1	SSE	1	0	2	b	63	57	14.3	0.01	
	Jersey (St. Aubins)	30.05	68	NE	3	bm	30.05	-01	63	60	0	ENE	3	0	3	bm, bc	71	59	7.7	-	
	Portland Bill	30.10	65	NE	3	bc	30.07	-03	61	58	-1	ENE	3	bc	2	c, bc	71	55	*	-	
	Dungeness	30.06	63	NE	4	0	30.03	-07	61	59	+1	NE	3	0	3	0	64	59	*	0.26	
GERMANY, &c.	Wick	30.10	63	S	2	bc	30.06	-02	58	55	-1	S	2	0	1	bc	67	47	*	-	
	Nairn	30.11	63	W	2	c	30.06	-05	61	54	+1	W	2	c	1	c	70	62	*	-	
	Aberdeen	30.11	61	S	2	bc	30.08	-06	61	55	+1	E	1	b	1	bc	64	48	8.1	-	
	Leith	30.13	66	WNW	3	b	30.07	-11	62	56	0	WSW	2	bc	*	b	74	51	*	-	
	North Shields	30.15	60	E	2	b	30.09	-09	60	56	+3	SW	1	cm	2	bc, b	65	50	*	-	
	Spurn Head	30.16	61	N	4	b	30.10	-09	62	60	0	NNE	4	bc	2	b	66	54	*	-	
	Yarmouth	30.09	61	N	4	c	30.05	-03	60	58	-2	NE	4	c	4	c	64	57	*	0.01	
	Loughborough	30.12	69	ENR	2	b	30.11	-07	60	55	-2	ENE	2	cur	*	cm, bm, f	70	45	*	-	
	Oxford	30.13	60	NE	2	0	30.08	-06	58	55	-2	NE	2	0	*	Elv. o.	64	49	*	0.10	
	London (Brixton)	30.09	66	N	2	c	30.06	-05	62	58	-2	NNE	2	b	*	a, b	70	54	0.5	-	
FRANCE.	The Scaw (Skagen)	29.93	64	W	3	b	29.96	-02	64	57	0	N	3	b	1	b	72	61	*	-	
	Fanø	30.12	58	NW	4	b	30.12	-00	60	54	-1	W	6	c	1	b	68	55	*	-	
	Cuxhaven	30.01	69	N	3	bc	30.07	+01	58	56	-11	W	4	0	*	bc	75	57	*	0.04	
	The Helder	30.04	63	NE	3	0	30.02	-02	61	59	-8	ENE	3	0	3	0	72	61	*	-	
	Brussels	*	*	*	*	*	29.99	-01	65	63	-13	NE	2	c	*	0	91	61	*	0.08	
	Berlin	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Frankfurt	29.95	73	N	2	b	29.93	-11	72	63	+1	NE	2	b	*	b	90	63	*	-	
	Munich	30.06	67	E	1	b	30.05	-06	67	60	+1	Z	0	bc	*	b	77	82	*	-	
	C. Gris Nez	30.02	62	NE	5	0	30.00	-05	59	58	-2	NE	3	0	3	a	66	57	*	0.24	
	Brest	30.08	66	N	1	b	30.05	-08	60	59	+1	NE	1	0	1	b	75	57	*	-	
Lorient	30.07	71	N	2	bc	30.03	-04	60	59	-4	ENE	2	c	2	bc	77	57	*	-		
Rochefort	30.07	74	NW	3	bc	30.05	-02	69	67	0	NNW	3	b	*	bc	84	66	*	-		
Biarritz	30.08	72	W	2	b	30.07	-04	68	68	-1	Z	0	0	3	b	82	66	*	-		
SPAN. PEN.	Paris	29.99	65	N	2	0	30.00	-01	62	61	-7	N	2	0	*	Elv. o.	86	59	*	2.66	
	Belfort	29.89	78	E	1	0	?	?	70	62	+5	?	3	0	*	0	82	60	*	-	
	Lyons	29.95	82	E	1	0	29.99	-02	77	65	+4	NNW	1	bc	*	0	91	66	*	-	
	Nice	29.94	71	SE	1	c	29.98	-02	71	67	+1	Z	0	0	*	c	81	64	*	-	
	Perpignan	29.99	76	W	3	0	30.02	+02	75	68	+1	W	2	b	*	0	89	64	*	-	
SPAN. PEN.	Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Lisbon	29.94	65	NNW	3	b	29.95	-04	68	62	+4	NNW	2	b	*	b	79	63	*	-	
Azores (P. Delgada)	30.30	71	ENE	2	b	30.25	-03	72	68	+2	WNW	2	b	2	b	77	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 *Sunday, 14<sup>th</sup> July, 1901.*

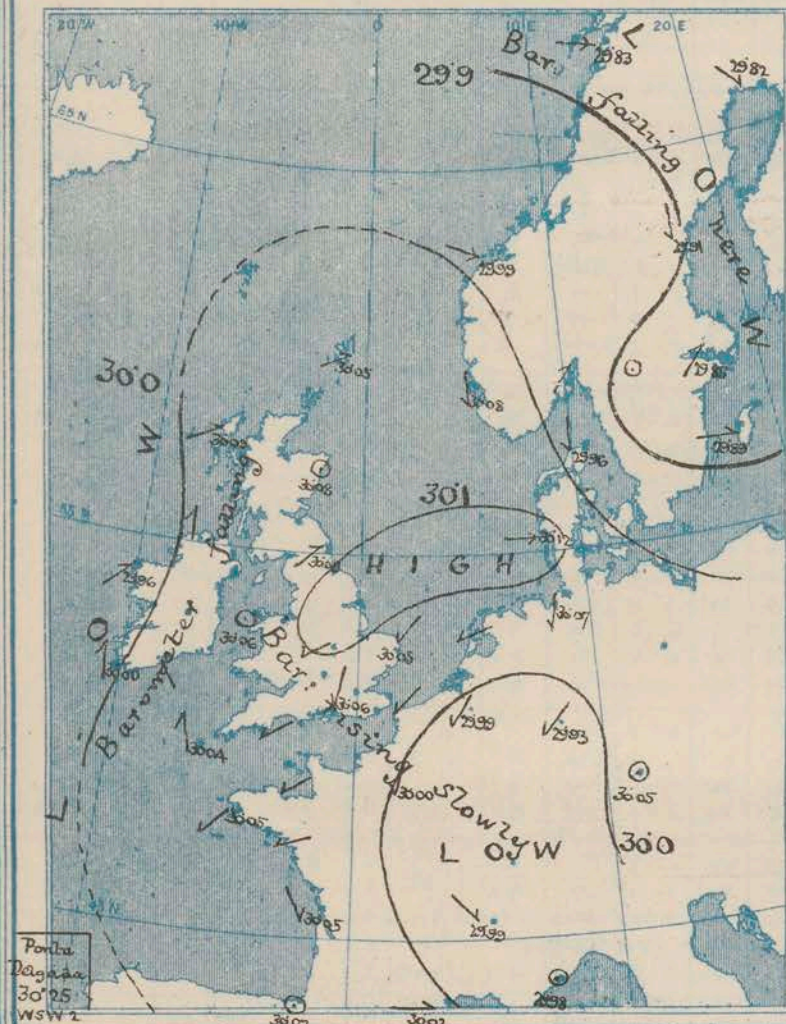
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

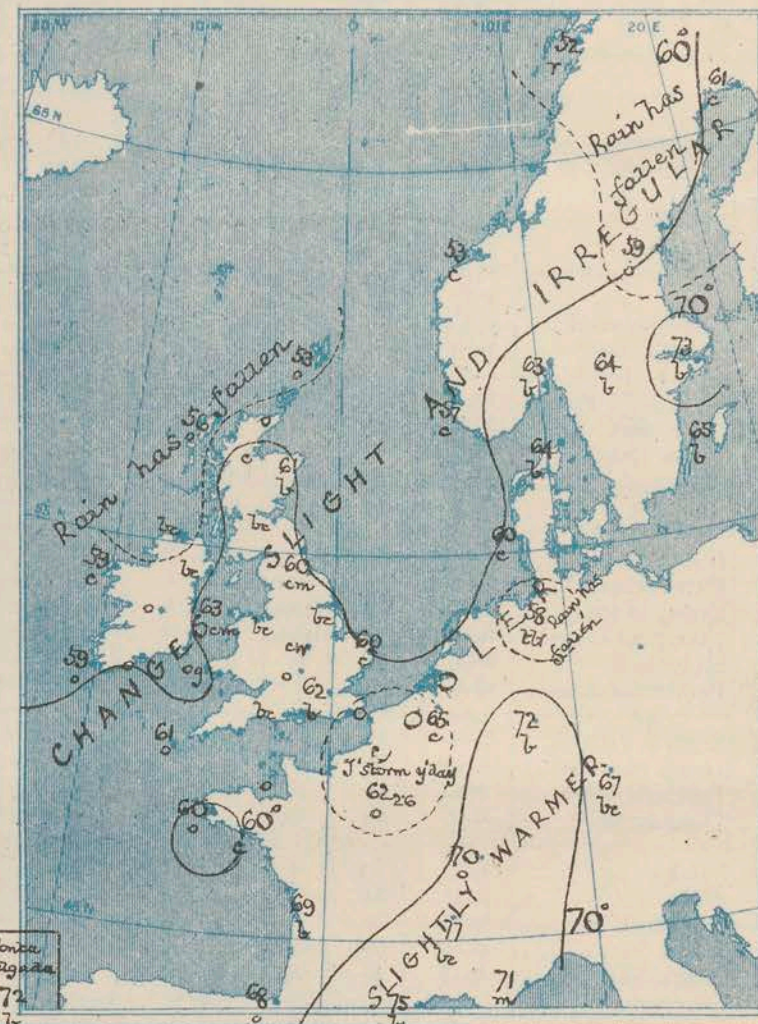


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

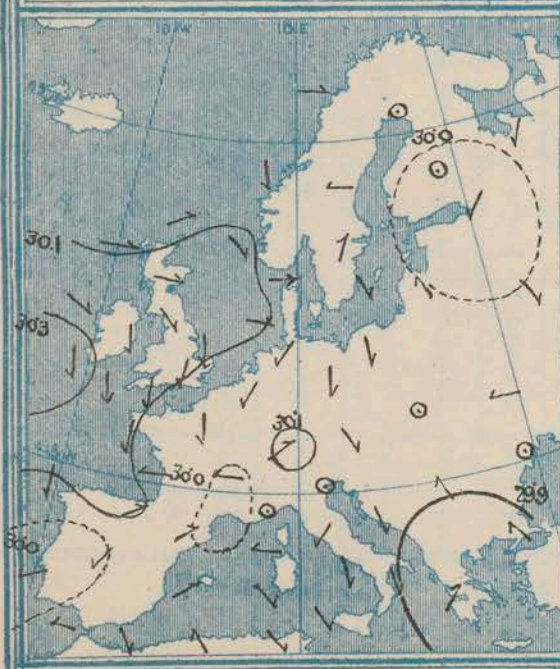
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

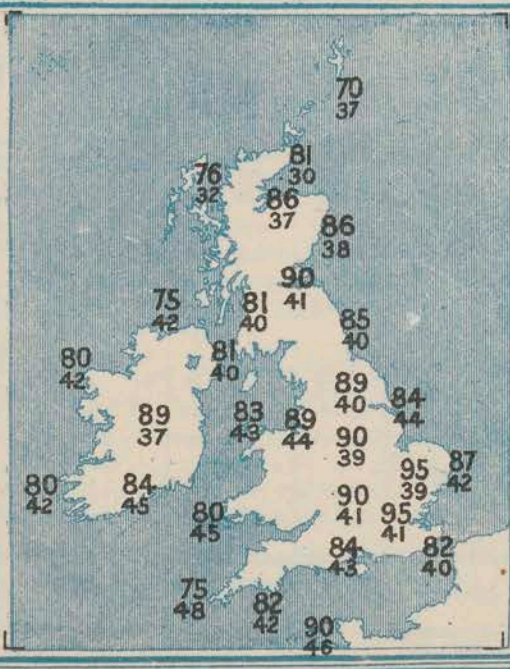
*Yesterday morning.*



## IV. EXTREMES OF TEMPERATURE

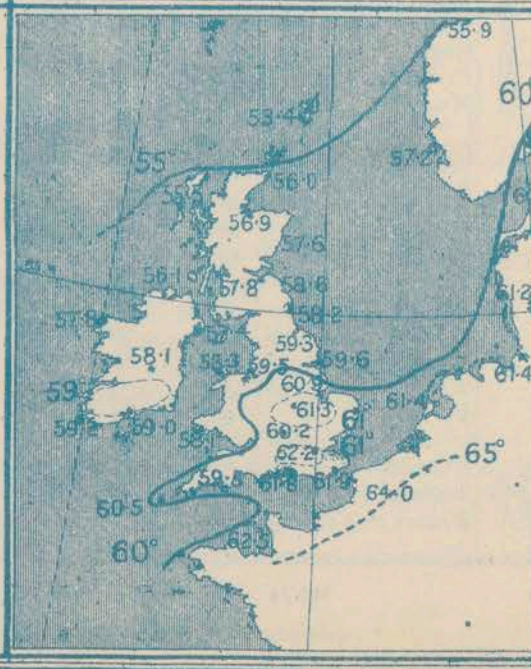
*in month of JULY (1871-1900)*

Specimen { Highest Max, thus 85  
Lowest Min, " " 40  
Malin Head & Blacksod Values are for only 15 years



## V. Means of DAILY TEMPERATURE

*at 8 a.m. for the Monthly period  
July (1871-1900.)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

During the past day, the barometer has fallen at all stations excepting Perpignan and Cuxhaven. The change has been greatest (0.3 ins. and more) in the west of Ireland, least in Holstein, and readings now range from 30.1 ins. and more in the northeast of England and at Fano to 29.9 ins. and less over Sweden and to 30.0 ins. and less over the east of France. Gradients are slight.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The winds are very light over our Islands and France, mainly NE<sup>3</sup> to N<sup>4</sup> at the southern stations, but S<sup>3</sup> and SW<sup>3</sup> in the west; variable in the northeast. They are W<sup>1</sup> strong in Norway, N<sup>1</sup> over Denmark. Temperature has fallen decidedly over the Netherlands and northeast of France and to some extent over Scandinavia, but has changed little and variably elsewhere—risen a little in the northwest of England. It ranges from 77° at Lyons and 73° at Stockholm, and a little above 60° in many parts of our Islands to 53° at Lumburgh Head and Christiansund, 52° at Bodo. In our Islands the readings are rather irregularly distributed, and do not differ much from the average. The weather though cloudy in several places, is fair except in the north of Norway, where rain is falling. Sea is moderate both at Yarmouth and Blackhead P., slight or smooth elsewhere.

During the past day, there has been a little rain in the north of our Islands, and sporadically in several other localities, thunderstorms are reported from Oxford and Canterbury, and a heavy one (with 2.6 ins. of rain) at Paris. The maximum temperatures yesterday touched 74° at Leith, and exceeded 70° in other parts of our Islands. On the Continent they had 84° at Stockholm, 90° at Frankfurt, 91° at Brussels and Lyons, 86° at Paris. Bright Sunshine ranged from nil or only a few tenths of an hour in the southeast of England to 8 hrs at Aberdeen and about 14 hrs at Southport and Seilly.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS \*

For the 24 hours ending at NOON on 15<sup>TH</sup> JULY, 1901

### DISTRICTS.

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

### FORECASTS.

NONE ISSUED

### DISTRICTS.

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

### FORECASTS.

NONE ISSUED

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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	66	60	25	0.19
Newton Reigny (Penrith)	30.16	57	2 0	c	30.08	- 13	59	53	+ 3	ESE 1	c	*	b, m	70	43	11.0	-
Bath	30.12	64	NE 1	o	30.07	- 18.7	61	58	+ 5	NE 2	c	*	o	67	51	2.1	0.18

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Hatrogate, 6 p.m.	71	54	b, b	11.0	-	Worthing	*	*	*	0.3	-
Birmingham, 9 p.m.	67	56	o	7.3	-	Llandudno	63	54	c, b	9.0	-
Lowestoft, to 6 p.m.	62	57	of. m. c	0.0	0.01	Phyl	*	*	*	*	*
Hastings	*	*	*	0.0	*	Southport	66	53	c, b	13.8	-
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	73	55	c, bc	7.5	-
Brighton	*	*	*	*	*	Darwen, 9 p.m.	69	51	c, b, bc	10.2	-

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 13 <sup>th</sup>	-	-	-	Ins.	Algiers ... JULY 13 <sup>th</sup>	84	72	b, b	Ins.
Madrid	95	66	b, o	-	Tunis	82	66	o, bc	0.35
Corsica (I. Sanguinaires)	84	64	m, m	-	Vienna	77	64	o, c	-
Rome	83	63	b, b	-	St. Petersburg	73	55	c, b	-
Florence	81	63	b, b	-	Lugano ... JULY 12 <sup>th</sup>	84	-	b	Measured 7 a.m. 12 <sup>th</sup>
Trieste	82	66	b, b	0.04	Davos	68	-	b	-
Brindisi	79	59	c, c	-	Lucerne	79	-	b	-
Naples	78	66	o, bc	0.08	Lausanne	75	-	b	-
Palermo	97	63	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.

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.	14 <sup>th</sup> JULY 1901.	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	3.47	11.59	8.10
Germany, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich	4.0	12.6	8.11
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick	3.29	12.18	9.6
Spain	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia	4.38	12.47	8.55
Portugal	8 a.m. (Lisbon)	8.36 a.m.						

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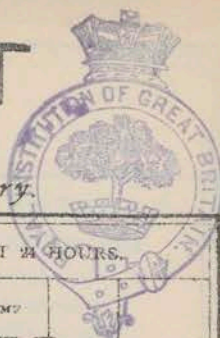
† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Monday 15<sup>th</sup> July, 1901.

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



STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.					
																Max.	Min.	Sun- shine.	Rainfall.		
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.	Hours	Inch.							
		Inch.				Inch.	Inch.	°	°												
SCANDINAVIA.	Haparanda ...	29.83	60	SW	2	b	29.91	+ .09	60	53	- 1	W	2	bc	*	b	68	55	*	-	
	Hernösand ...	29.94	65	Z	0	b	30.04	+ .13	60	51	+ 1	NW	2	bc	*	b	75	55	*	-	
	Stockholm ...	29.87	64	NE	4	b	29.94	+ .09	66	61	- 7	NE	4	b	*	b	82	61	*	-	
	Wisby ...	29.88	67	S	2	b	29.90	+ .01	73	63	+ 8	S	4	b	*	b	73	55	*	-	
	Karlstad ...	29.88	71	Z	0	b	29.98	+ .10	64	59	0	SSE	4	0	*	b	*	*	*	-	
	Färder (X'ania Fjord) ...	29.88	68	WSW	4	b	29.98	- .01	64	58	+ 1	NNE	4	bc	2	b	68	63	*	-	
	Bodö ...	29.89	51	W	6	0	29.98	+ .15	51	46	- 1	W	5	r	3	0	55	48	*	0.08	
	Christiansund ...	30.09	54	NNW	4	0	30.03	+ .04	55	49	+ 2	E	5	b	3	0	55	46	*	-	
	Skudesnaes ...	30.06	57	NNW	6	b	29.96	- .12	56	52	- 1	NNW	4	b	1	b	61	50	*	*	
	Sumburgh Head ...	30.02	55	ESE	2	0	29.85	- .20	55	54	+ 2	SE	3	0	3	0	57	52	*	-	
BRITISH ISLANDS.	Stornoway ...	29.85	64	SE	3	0	29.80	- .29	56	54	0	WNW	6	0	6	c, o, 22	64	52	4.0	0.20	
	Malin Head ...	29.82	64	SSW	4	bc	29.94	- .08	56	53	- 2	W	4	c, g	4	c, bc, g, m	68	54	*	0.02	
	Blacksod Pt. ...	29.83	59	WSW	5	cpm	30.02	+ .06	59	53	0	WNW	4	bc	4	c, mp	64	55	*	0.08	
	Valencia ...	29.93	59	WSW	3	om	30.10	+ .10	57	54	- 2	W	1	0	3	r, om	65	54	2.2	0.10	
	Roche's Point ...	29.99	62	WSW	4	0	30.10	+ .05	58	53	- 2	N	3	c	3	c, 0	67	52	*	-	
	Parsonstown ...	29.90	65	SW	1	0	30.06	+ .03	57	54	- 1	W	2	0	*	c, op	69	54	2.4	0.01	
	Donaghadee ...	29.92	58	SSE	3	om	29.98	- .08	60	59	+ 5	WNW	4	bcw	2	o, om	62	54	*	-	
	Liverpool Obsy. ...	29.97	65	SSW	1	0	30.01	- .08	61	58	- 1	WSW	3	c	3	0	72	56	*	-	
	Holyhead ...	29.98	62	SSW	2	om	30.02	- .04	60	58	- 3	W	3	cp	2	o, om	68	54	*	-	
	Pembroke (St. Ann's) ...	30.00	59	SSW	3	0	30.07	+ .03	59	59	0	NW	1	c	2	o, f	62	56	0.5	0.05	
GERMANY, &c.	Scilly (St. Mary's) ...	30.04	60	NW	2	0	30.09	+ .05	61	59	0	NW	3	cmp	1	0	64	59	0.0	0.01	
	Jersey (St. Aubins) ...	30.04	63	NW	2	og	30.11	+ .06	63	59	0	W	3	om	3	om, og	65	58	0.1	-	
	Portland Bill ...	30.03	59	Z	0	om	30.08	+ .01	59	58	- 2	NW	1	bcw	1	c, cm	65	56	*	-	
	Dungeness ...	30.00	64	N	2	0	30.06	+ .03	63	64	+ 2	NW	2	bc	1	0	68	56	*	-	
	Wick ...	30.05	58	S	3	0	29.81	- .25	57	55	- 1	S	3	0	1	0	62	54	*	0.02	
	Nairn ...	29.88	62	E	1	0	29.84	- .22	61	58	0	SW	3	c	1	o, t	66	53	*	0.08	
	Aberdeen ...	29.97	59	SSE	3	bc	29.88	- .20	57	55	- 4	S	1	r	2	bc	65	55	18.5	0.04	
	Leith ...	29.93	68	Z	0	0	29.90	- .17	64	59	+ 2	SW	3	bc	4	0	68	56	*	0.09	
	North Shields ...	30.00	60	SE	3	c	29.93	- .16	62	60	+ 2	SW	2	c	2	c, r	65	55	*	0.11	
	Spurn Head ...	30.04	59	ENE	3	bc	29.97	- .13	62	59	0	S	3	c	2	bc	66	53	*	-	
FRANCE.	Yarmouth ...	30.00	61	NE	4	c	30.01	- .04	62	59	+ 2	NW	2	b	2	c, v, c	63	57	*	-	
	Loughborough ...	30.00	69	Z	0	0	30.03	- .08	64	58	+ 4	W	2	bc	*	c, bc, o, c	72	57	*	-	
	Oxford ...	30.00	65	E	1	c	30.05	- .03	63	60	+ 5	W	2	b	*	c	72	55	*	-	
	London (Brixton) ...	29.99	68	NE	1	bc	30.05	- .01	64	59	+ 2	SW	1	bc	*	o, bc	69	54	3.3	-	
	The Scaw (Skagen) ...	29.92	64	W	1	b	29.92	- .04	60	57	- 4	SSW	1	b	0	b	70	57	*	-	
	Fanö ...	30.01	58	NNW	4	c	29.96	- .16	57	55	- 3	NNW	1	0	*	c	72	55	*	1.14	
	Cuxhaven ...	29.93	65	N	3	0	29.96	- .11	61	60	+ 3	N	2	r	*	bc, o	70	58	*	0.43	
	The Helder ...	29.98	61	ENE	2	bc	29.99	- .03	62	58	+ 1	N	1	0	0	bc	70	59	*	-	
	Brussels ...	*	*	*	*	*	30.02	+ .03	63	62	- 2	WNW	1	f	*	0	77	64	*	-	
	Berlin ...	29.94	71	W	3	r	29.92	- .02	74	64	*	SE	1	bc	*	v	86	68	*	-	
SPAN. PEN.	Frankfurt ...	29.92	69	W	2	c	29.99	+ .06	68	63	- 4	SW	2	c	*	c	84	63	*	-	
	Munich ...	30.01	68	SW	3	0	30.09	+ .04	69	62	+ 2	SW	2	b	*	0	81	59	*	-	
	C. Gris Nez ...	29.98	61	NNE	1	m	30.02	+ .02	62	59	+ 3	N	1	bc	1	m	64	55	*	-	
	Brest ...	30.02	68	NE	1	0	30.13	+ .08	57	55	- 3	N	1	b	1	0	73	57	*	-	
	Lorient ...	30.00	67	W	3	c	30.09	+ .06	60	59	0	NE	3	c	3	c	77	57	*	-	
	Roche fort ...	30.06	72	NW	3	bc	30.09	+ .04	69	66	0	NNW	2	bc	*	bc	77	64	*	-	
	Biarritz ...	30.06	73	NW	3	b	30.10	+ .03	71	71	+ 3	WNW	2	0	2	b	75	68	*	-	
	Paris ...	29.98	70	NNW	2	0	30.08	+ .08	62	59	0	NW	1	0	*	0	71	60	*	-	
	Belfort ...	29.89	75	WSW	5	0	30.00	?	68	62	- 2	WSW	3	m	*	0	85	56	*	-	
	Lyons ...	29.94	79	NW	1	c	30.05	+ .06	73	64	- 4	S	1	b	*	bc, c	90	64	*	0.28	
SPAN. PEN.	Nice ...	30.02	63	NE	4	t	29.99	+ .01	72	63	+ 1	NE	2	b	1	bc	84	63	*	0.12	
	Perpignan ...	29.97	78	SW	2	b	30.02	.00	77	69	+ 2	W	1	b	*	b	91	66	*	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
SPAN. PEN.	Lisbon ...	29.95	66	NNW	5	b	30.08	+ .13	68	64	0	NW	3	b	*	b	82	64	*	-	
	Azores (P. Delgada) ...	30.12	70	Z	0	b	30.20	- .08	73	69	+ 1	S	2	c	1	b	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 Monday, 15<sup>TH</sup> July, 1901.

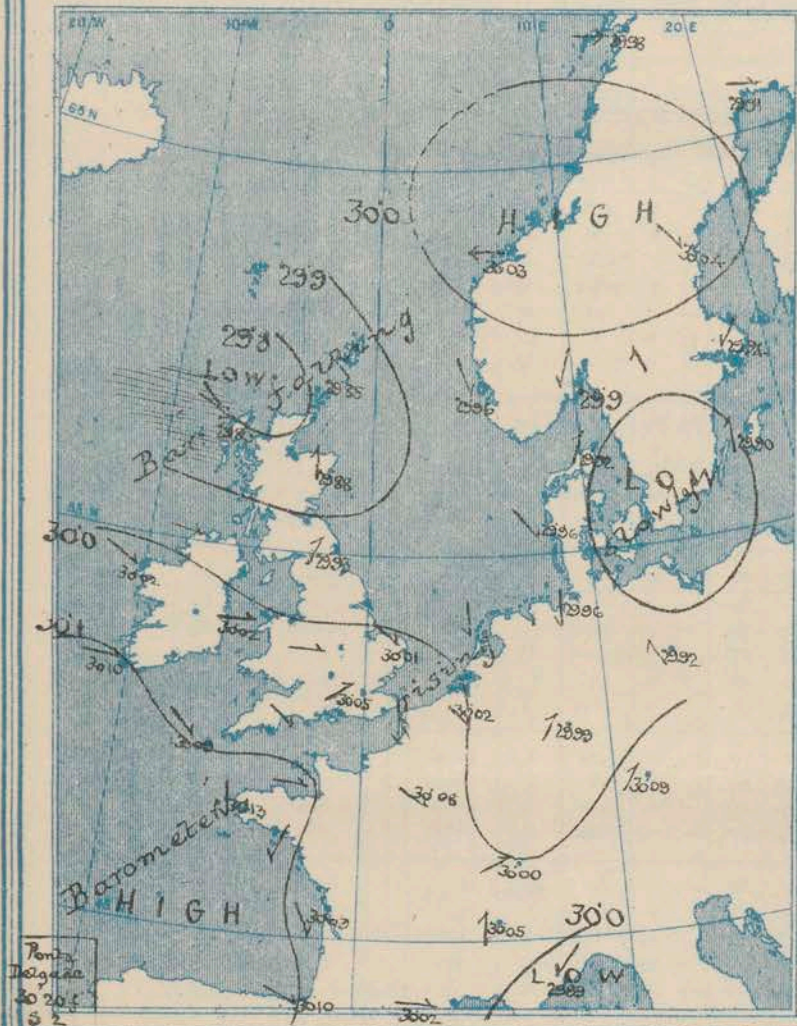
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

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

SEA.—Rough  : High

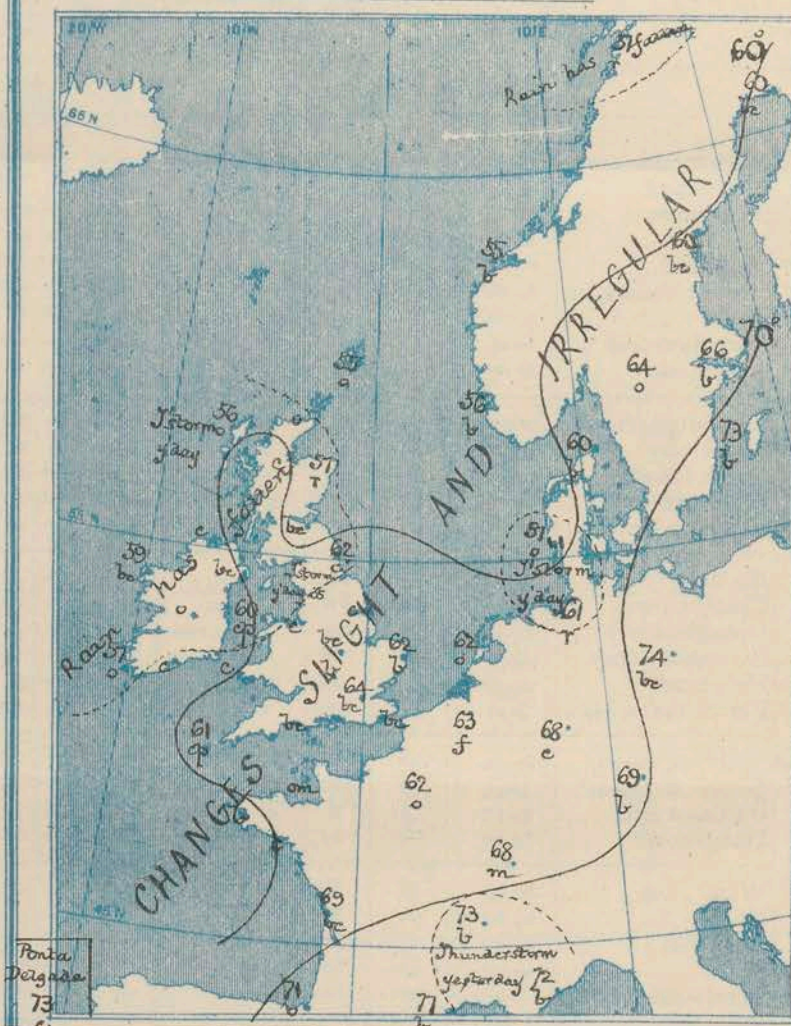


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

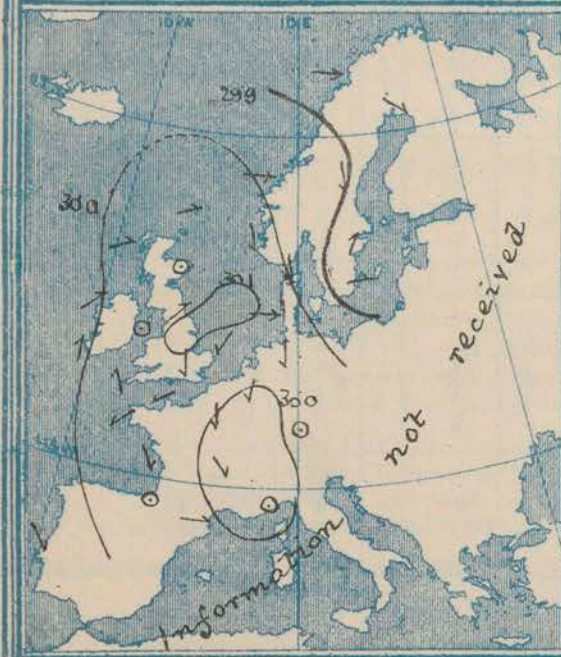
*WEATHER.*—Shown by Letters of the Beaufort Scale. (See P. 4.)

**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



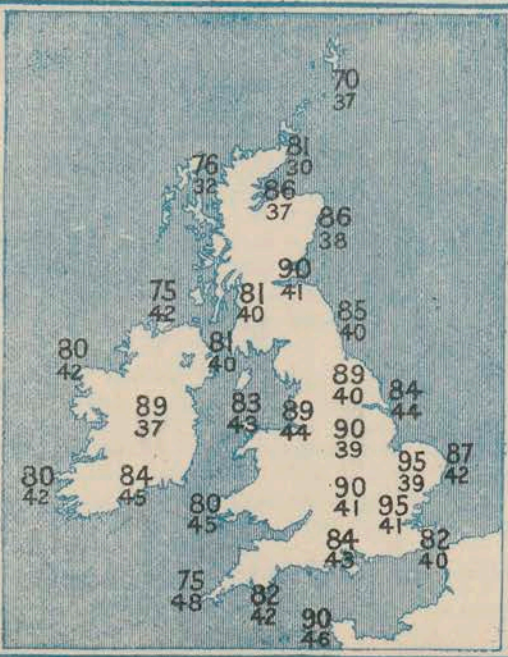
### III BAROMETER AND WIND

*Yesterday morning.*



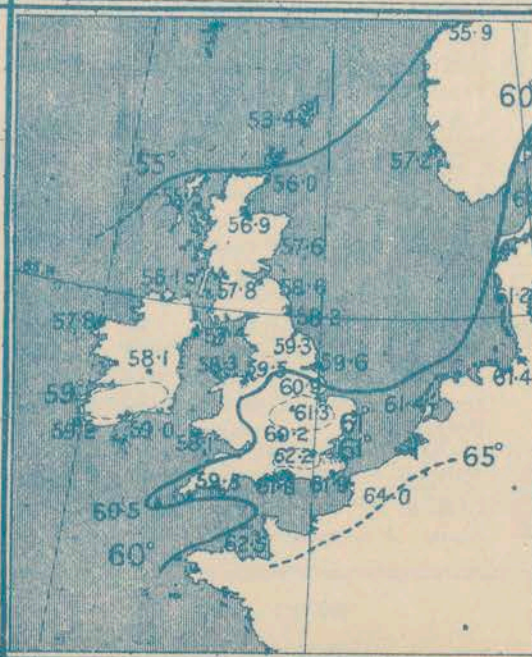
#### IV. EXTREMES OF TEMPERATURE in month of JULY (1871-1900.)

Specimen { Highest Max, thus 85  
Lowest Min, " " 40  
Main Head & Black'sod Values are for only 15 years



#### V. Means of DAILY TEMPERATURE

at 8 am. for the Monthly period  
July (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

During the past day there has been an increase of pressure both at our own southern and southwestern districts, and in the northern parts of Scandinavia, but a decrease in Scotland and over the North Sea, and readings now range from 30.1 inches and more over the Bay of Biscay, and the extreme south of Ireland, and 30.0 inches and more over Norway and Sweden to 29.80 inches in the north of Scotland and below 30.0 inches over North Germany.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is accordingly westerly to northerly over our western and southern regions and light as a whole; in the Shetlands and at Christiansund it is southeasterly, and on the eastern shores of the North Sea it is very variable. Temperature has fallen a little at several of our western stations and over the Netherlands, risen a little in most other places, and ranges from 77° at Perpignan and 73° at Wisby to 51° at Bath. In our Islands the range is from 64° in London and at Bath to 56° at Malin Head and Stormway and 55° at St. George's Head, and they differ but little from the average. Weather is rather showery in Ireland and Scotland, fair, but not settled over England and France. Sea is slight & smooth except in extreme north and northwest.

During yesterday maxima of 72° were recorded in several parts of England and 65° was exceeded in most places. A little rain fell at most of the northern and extreme western stations 1.14 ins. at Paris, 0.4 in at Lucharn. Thunder occurred in several places. Bright sunshine yesterday amounted to 11.5 hours at Harrogate and 10.5 hours at Aberdeen, 7 hours or more at Southport and Bath. Elsewhere it was much less. Stormway had only 4 hours, London 3.3 hours and some of our most southern stations none.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine and warmer weather is probable in London, and over the greater part of England though Scotland may have less settled conditions.

## FORECASTS \*

For the 24 hours ending at NOON on JULY 16<sup>TH</sup> 1901

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

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

Westerly and Northwesterly breezes, light, fair as a whole, but occasionally cloudy.

Westerly and Northwesterly airs; fine generally, warm.

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

Northwesterly breezes, some showers but, as a whole, fair

Same as Nos 3 to 5.

Same as Nos 6 and 7.

Same as Nos 3 to 5.

### WARNINGS

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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	*	b	65	55	0.4	—
Newton Reigny (Penrith)	29.94	68	SE 1	0	29.94	— .14	61	58	+ 2	WSW 3	c	*	bc, ocl	74	54	8.5	0.46
Bath	29.98	68	E 1	b	30.06	— .01	64	58	+ 3	W 2	b	*	b	70	57	7.2	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	70	47	b, c, o	11.5	—	Worthing	*	*	*	2.9	*
Birmingham, 9 p.m.	68	51	c	4.7	—	Llandudno (to 6 p.m.)	*	*	*	3.5	*
Lowestoft, 6 p.m.	62	57	o	0.3	—	Rhyl (to 6 p.m.)	*	*	*	7.0	*
Hastings	*	*	*	0.7	*	Southport	72	48	c, ovr	7.8	0.04
Eastbourne (to 6 p.m.)	*	*	*	0.0	*	Manchester, 9 p.m.	73	49	bc, c	7.7	—
Brighton	*	*	*	1.5	*	Darwen, 7 p.m.	70	53	c, b, o	7.0	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 14 <sup>th</sup>				Ins.	Algiers ... JULY 14 <sup>th</sup>				Ins.
Madrid					Tunis			Information	
Corsica (I. Sanguinaires)			Information		Vienna			not arrived	
Rome					St. Petersburg				
Florence			not		Lugano ... JULY 13 <sup>th</sup>	86	—	b	Measured 7 a.m. 13 <sup>th</sup>
Trieste					Davos	70	—	b	
Brindisi			arrived		Lucerne	81	—	b	
Naples					Lausanne	—	—	—	
Palermo									

## 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.	15 <sup>th</sup> JULY, 1901.	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 ... ..	3.48	11.59	8.9
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.Z.T.)	7 p.m.	Greenwich ... ..	4.2	12.6	8.10
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.31	12.18	9.4
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.39	12.47	8.54
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.

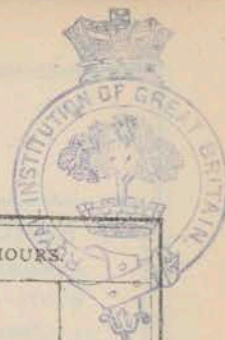
† Except at Oxford, where the observations are taken at 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Tuesday 16<sup>th</sup> July, 1901.

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 8 <sup>30</sup> and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 8 <sup>30</sup> 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 ...	30.01	58	W	2	b	30.12	+ .21	61	54	+ 1	N	4	b		b	70	50			
	Hernösand ...	30.02	59	Z	0	b	30.01	- .03	57	56	- 3	E	2	r		b	68	52		0.16	
	Stockholm ...	29.95	64	Z	0	o	29.97	+ .03	67	62	+ 1	W	2	o		o	73	61			
	Wisby ...	29.94	64	NNW	4	f	29.97	+ .07	66	63	- 7	N	4	o		f	73	54			
	Karlstad ...	29.92	63	W	2	r	29.97	- .01	61	57	- 3	SW	2	c		r				0.04	
	Færder (X'ania Fjord)	29.93	63	SW	2	o	29.96	+ .05	66	60	+ 2	SW	2	b	2	o	70	61			
	Bodö ...	30.10	51	NW	2	b	30.07	+ .09	53	48	+ 2	ENE	2	b	1	b	54	45			
	Christiansund ...	29.94	58	ENE	5	b	30.00	- .03	57	53	+ 2	WNW	6	c	3	b	63	46			
	Skudesnaes ...	30.00	58	NW	4	c	30.09	+ .13	59	56	+ 3	Z	0	c	1	c	61	52			
	Sumburgh Head	29.89	58	WSW	2	c	30.03	+ .18	54	53	- 1	WSW	1	o	3	o, c	60	50		0.02	
Stornoway ...	29.96	57	W	5	o	29.96	+ .16	53	51	- 3	SW	4	o	4	o	58	50	3.5			
Malin Head ...	30.04	60	WNW	2	b, p, q	29.95	+ .01	60	54	+ 4	SSW	5	b, q	3	b, p, q	66	52		0.01		
Blacksod Pt. ...	30.08	61	SW	4	b	29.94	- .08	59	57	0	SSW	6	o, p, q, m	5	b	61	58		0.01		
Valencia ...	30.12	62	S	2	b	30.02	- .08	62	60	+ 5	S	4	o	4	c, b	64	56	7.8			
BRITISH ISLANDS.	Roche's Point ...	30.16	64	SW	4	b	30.13	+ .03	62	60	+ 4	SW	4	c	4	b	66	55			
	Parsonstown ...	30.09	67	NW	1	b	30.07	+ .01	60	57	+ 3	SE	3	b		b	68	48	7.9		
	Donaghadee ...	30.10	58	ENE	1	b	30.07	+ .09	61	58	+ 1	SE	3	c	3	b	65	51			
	Liverpool Obsy.	30.10	64	W	2	b	30.17	+ .16	60	55	- 1	S	1	b	2	b	65	52			
	Holyhead ...	30.12	61	SW	1	b	30.15	+ .13	60	55	0	SSW	3	b	2	b	65	53			
	Pembroke (St. Ann's)	30.15	62	WNW	4	b	30.18	+ .11	60	59	+ 1	S	3	b, c	2	b	63	56	10.1		
	Scilly (St. Mary's)...	30.16	64	NW	1	c	30.18	+ .09	62	60	+ 1	SSE	2	c	1	c	66	59	7.6		
	Jersey (St. Aubins)...	30.16	65	WNW	4	b	30.23	+ .12	69	62	+ 6	Z	0	b	0	b, b	69	50	9.8		
	Portland Bill ...	30.13	63	WSW	3	b	30.23	+ .15	61	58	+ 2	NNW	1	b	1	b	67	52			
	Dungeness ...	30.09	64	SW	3	b	30.20	+ .14	68	62	+ 5	ENE	1	b	3	b	68	55			
Wick ...	29.98	58	E	2	b	30.01	+ .20	57	54	0	S	3	b	2	b	69	45		0.02		
Nairn ...	29.97	64	W	2	c	30.01	+ .17	63	56	+ 2	SSW	2	b	1	c	69	46				
Aberdeen ...	29.98	62	ENE	1	b	30.07	+ .19	57	53	0	SSE	1	b	1	b, b, b	66	48	7.7	0.57		
Leith ...	30.01	65	W	5	c	30.09	+ .19	59	54	- 5	S	1	c		c	70	52				
North Shields ...	30.01	68	W	3	b	30.14	+ .21	60	55	- 2	SW	2	c, m	2	c, b	73	51				
Spurn Head ...	30.04	66	WNW	4	b	30.20	+ .23	62	59	0	NW	1	b	1	b	71	56				
Yarmouth ...	30.03	65	SSE	3	b	30.17	+ .16	64	60	+ 2	NW	1	b	2	c, b	66	55				
Loughborough ...	30.07	74	WNW	3	b	30.21	+ .18	63	56	- 1	ESE	1	b, m		c, b, b, m	78	44				
Oxford ...	30.11	67	W	2	b	30.19	+ .14	65	60	+ 2	NW	1	b		b	75	51				
London (Brixton)	30.08	75	W	2	b	30.20	+ .15	66	60	+ 2	Z	0	b		b, b	77	52	8.5			
GERMANY, &c.	The Scaw (Skagen)	29.97	59	W	2	o	29.98	+ .06	64	58	+ 4	WNW	4	c	1	o	66	55		0.04	
	Fanö ...	30.09	59	W	2	c	30.19	+ .23	61	59	+ 4	WSW	6	b		c	63	55			
	Cuxhaven ...	30.08	62	NW	2	b	30.19	+ .23	61	58	0	W	2	b		b	63	57		0.04	
	The Helder ...	30.08	63	WNW	1	b	30.13	+ .14	65	63	+ 3	SW	2	b	1	b	68	52			
	Brussels ...	*	*	*	*	*	30.23	+ .21	68	61	+ 5	SW	1	b		b	75	54			
	Berlin ...	29.96	73	WNW	4	c	30.13	+ .21	64	59	- 10	NW	3	b		c	86	61			
	Frankfurt ...	30.09	69	N	2	o	30.21	+ .22	68	60	0	NE	2	b		o	77	61			
	Munich ...	30.12	69	Z	0	o	30.27	+ .18	61	59	- 8	W	4	c		o	79	57		0.12	
	C. Gris Nez ...	30.05	73	WSW	2	b	30.21	+ .19	63	?	+ 1	WSW	1	m	0	b	75	57			
	Brest ...	30.22	68	N	1	b	?	?	55	54	- 2	Z	0	m	0	b	70	50			
Lorient ...																					
Rochefort ...	30.13	73	WNW	3	b	30.19	+ .10	69	66	0	NE	2	b		b	79	63				
Biarritz ...	30.12	73	NNW	2	b	30.14	+ .04	73	71	+ 2	Z	0	b	1	b	79	68				
Paris ...	30.12	74	N	2	b	30.24	+ .16	62	59	0	N	1	b		b	76	57				
Belfort ...	30.01	75	WSW	3	m	30.18	+ .18	65	60	- 3	RNE	2	m		m	78	56				
Lyons ...	30.05	79	N	1	b	30.17	+ .12	68	60	- 5	N	1	b		b	89	64				
Nice ...	29.99	72	SW	2	b	30.02	+ .03	75	67	+ 3	Z	0	b	0	b	84	64				
Perpignan ...	30.02	76	Z	0	b	30.10	+ .08	77	69	0	W	1	b		b	90	69				
SPAN. PEN.	Corunna ...																				
	Lisbon ...	30.02	69	NNW	3	b	30.04	- .04	70	63	+ 2	NNE	3	b		b	84	63			
	Azores (P. Delgada)	30.21	69	NE	1	b	30.18	- .02	73	69	0	E	2	b	2	b	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 *Tuesday, 16<sup>th</sup> July, 1901.*

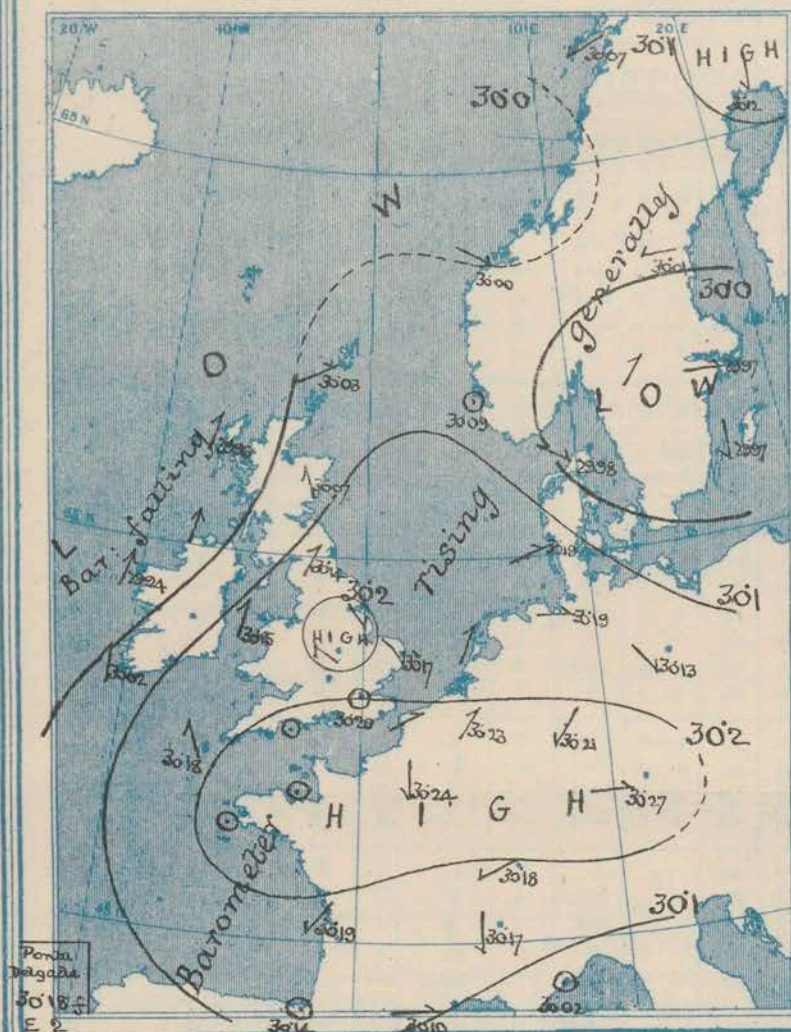
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

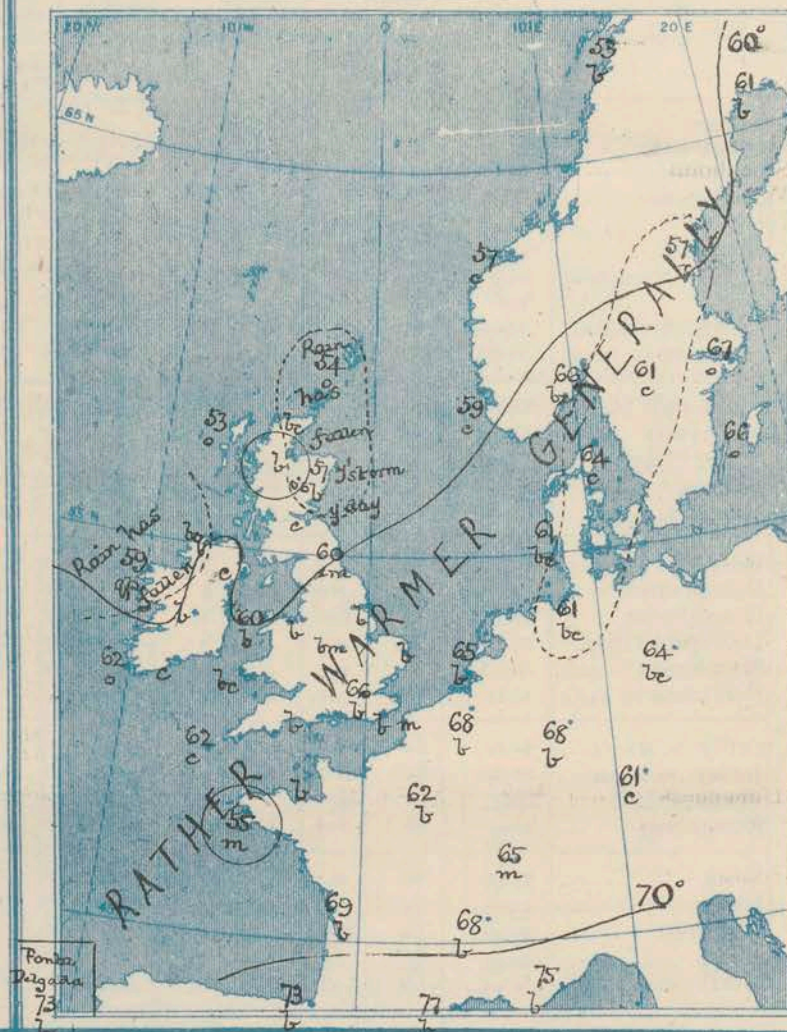


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

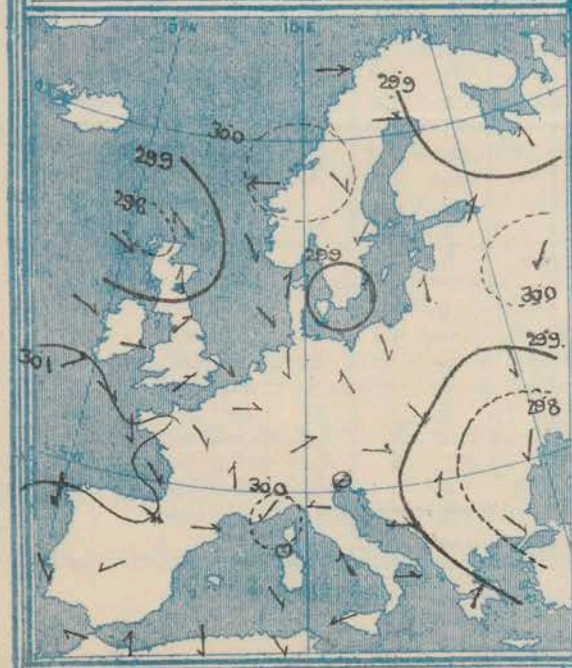
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

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.*

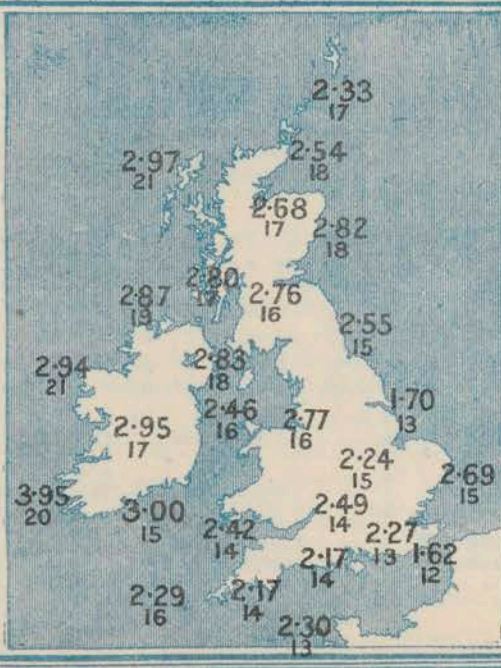


## IV. Average RAINFALL and NUMBER OF RAIN DAYS

*in month of JULY (1871-1900)*

Specimen { RAINFALL 2.55  
(for Shields) { RAIN DAYS 15

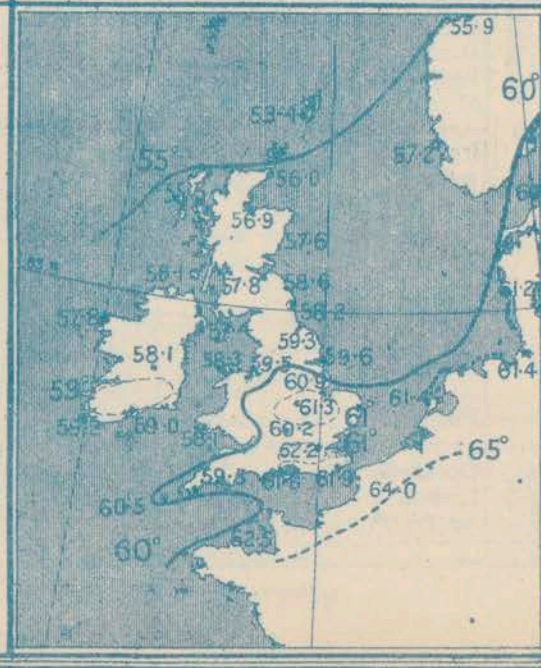
*Malin Head & Belmullet-Blacksoed Values are for only 15 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Monthly period*

*July (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

During the past night there has been a slight fall of the barometer at our most W. stations but in the E. and S. the mercury has risen. Readings now vary from 30.2 ins. and more to 30.1 ins. in an anticyclone covering France, the Netherlands the North Sea and England, and 30.1 ins. and more over Lapland to 30.0 ins. and less over the NW. of Ireland and W. of Scotland and also over the S. half of Sweden.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is in most places light and anticyclonic, but a fresh S. breeze is reported over the W. parts of Ireland and Scotland, and a strong W. breeze at Christiansund. Temperature has fallen over Germany and Sweden, risen generally, but not uniformly elsewhere. In our Islands the readings range from 68° at Dungeness and 63° at Nairn to 53° at Stornoway and 57° at Aberdeen; over England and some parts of Scotland they are several degrees in excess of the average. Dull and rather showery weather is reported in the extreme W., fine bright weather elsewhere. Sea is smooth except in the far W. During yesterday temperature reached a maximum of 77° in London, 78° at Bedford, 75° at Brussels, 76° at Paris, 86° at Berlin, 89° at Lyons. The night was cool over England (44° at Loughborough, 45° at Newton Reigny). Rain fell at several of our W. stations (0.57 in. at Aberdeen) and slight sporadic showers in Germany. Thunder occurred in the E. of Scotland. Bright Sunshine amounted to 11.6 hrs. at Harrogate and exceeded 10 hrs. at many of our stations. At Stornoway it was only 3.5 hrs.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the west is moving northwards and does not seem to be spreading inland much. It will probably prove to be a 'V' shaped system, and beyond some increase of cloud very little effect is probable over England.

## FORECASTS \*

For the 24 hours ending at NOON on 17<sup>TH</sup> JULY 1901

### DISTRICTS.

### FORECASTS.

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

SW. winds, moderate, then variable light, a few showers

Varying airs, mainly SW.  
fine, very warm, a few clouds at times.

### DISTRICTS.

### FORECASTS.

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

SW. to NW. winds, some rain, but afterwards improving.

SW. to NW. breezes, some showers in the west then clearing generally, clear at night

### WARNINGS

None issued.

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

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



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 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	*	*	*	*	*	*	*	*	*	*	bm	*	6	69	56	12.5	—
Newton Reigny (Penrith)	30.96	60	W 3	c	30.14	+ .20	59	55	— 2	SSE 2	bc	*	6	68	45	10.3	—
Bath	30.10	72	NW 3	6	30.20	+ .14	63	58	— 1	W 1	6	*	6	74	49	12.4	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Inch.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Inch.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	71	56	c. b.	11.6	0.08	Worthing	*	*	*	12.9	*
Birmingham, 9 p.m.	74	56	c. b.	11.4	—	Llandudno (to 6 p.m.)	*	*	*	9.3	*
Lowestoft, 6 p.m.	66	57	a. c. b.	9.4	—	Rhyl (to 6 p.m.)	*	*	*	10.0	*
Hastings	*	*	*	11.1	*	Southport, 9 p.m.	66	58	a. c. b.	11.6	0.05
Eastbourne (to 6 p.m.)	*	*	*	11.5	*	Manchester, 9 p.m.	71	47	o. b. c.	10.9	—
Brighton (to 6 p.m.)	*	*	*	9.5	*	Darwen, 9 p.m.	68	53	o. b. c.	11.1	0.10

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 15 <sup>th</sup>	—	—	—	Inch.	Algiers ... JULY 15 <sup>th</sup>	89	73	o, c	Inch.
Madrid	100	68	bc, b	—	Tunis	—	—	—	—
Corsica (I. Sanguinaires)	86	70	m, m	—	Vienna	84	63	b, bc	—
Rome	86	66	c, c	—	St. Petersburg	82	63	b, o	—
Florence	84	65	c, c	0.28	Lugano ... JULY 16 <sup>th</sup>	1 p.m.	—	Information not arrived.	Measured at 7 a.m. 16
Trieste	82	66	o, o	—	Davos	—	—	—	—
Brindisi	82	61	b, c	—	Lucerne	—	—	—	—
Naples	84	69	b, o	—	Lausanne	—	—	—	—
Palermo	88	62	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.

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.	July 16 <sup>th</sup> 1901.	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 ... ..	3.49	11.59	8.4
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.3	12.6	8.9
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.33	12.18	9.2
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.40	12.47	8.53
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 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on WEDNESDAY, JULY 17<sup>TH</sup> 1901.

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

STATIONS.	YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.		Weather.		BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)		TEMP.		Sun- shine. Hours	Rainfall. Ins.	
	At 29° and M.S.L.	Dry Bulb.	Dires.	Force (0 to 12.)			At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dires.	Force (0 to 12.)				Max.	Min.			
	Ins.						Ins.	Ins.	°	°											
SCANDINAVIA.	Haparanda ...	30.18	62	2	0	c	29.96	-16	57	57	-4	NE	2	0	*	c	68	50	*	—	—
	Hernösand ...	30.08	58	E	2	0	30.10	+0.9	61	57	+4	NE	2	c	*	0	66	50	*	0.16	—
	Stockholm ...	30.05	64	2	0	b	30.12	+1.5	70	62	+3	N	2	b	*	b	70	59	*	0.04	—
	Wisby ...	30.09	62	N	4	b	30.15	+1.8	66	61	0	N	4	b	*	b	66	54	*	0.16	—
	Karlstad ...	30.07	65	NE	2	b	30.17	+2.0	64	60	+3	N	2	b	*	b	*	*	*	—	—
	Færder (X'ania Fjord) ...	30.04	69	SE	2	b	30.12	+1.6	69	66	+3	S	1	c	2	b	70	64	*	—	—
	Bodö ...	30.06	63	2	0	b	30.07	0.0	57	54	+4	SE	1	c	1	b	63	48	*	—	—
	Christiansund ...	30.12	60	N	1	b	30.12	+1.2	60	55	+3	N	1	c	1	b	61	52	*	—	—
	Skudesnaes ...	30.17	58	NE	1	c	30.19	+1.0	60	58	+1	SE	4	b	2	b.c	61	54	*	—	—
	Sumburgh Head ...	29.91	57	SE	3	c	29.98	-0.5	56	53	+2	SE	2	0	4	c	61	53	*	—	—
BRITISH ISLANDS.	Stornoway ...	29.85	57	SE	7	+	29.99	+0.3	58	58	+5	SE	5	0	5	0.1	63	53	1.2	0.02	—
	Malin Head ...	29.94	63	SE	3	b	30.06	+1.1	63	61	+3	SE	3	0.9	3	b.c	67	57	*	—	—
	Blacksod Pt. ...	29.91	61	SE	5	om	30.06	+1.2	61	60	+2	SE	5	1.7	5	om	64	59	*	0.04	—
	Valencia ...	30.06	63	S	3	om	30.16	+1.4	62	62	0	SE	3	f	4	f	63	60	1.1	0.55	—
	Roche's Point ...	30.12	61	SE	5	+	30.24	+1.1	62	62	0	SE	3	f	3	+	63	59	*	0.20	—
	Parsonstown ...	30.06	65	SE	1	0	30.17	+1.0	69	65	+4	SE	1	c	*	c	71	63	5.1	0.06	—
	Donaghadee ...	30.03	61	SE	3	ogt	30.14	+0.9	63	62	+2	SE	2	op	2	ogt	66	55	*	0.02	—
	Liverpool Obsy. ...	30.14	69	NE	3	b	30.22	+0.5	66	62	+6	S	1	0	1	b	73	60	*	0.01	—
	Holyhead ...	30.16	65	SE	5	c	30.21	+0.6	59	58	-1	SE	2	f	1	c	64	55	*	0.04	—
	Pembroke (St. Ann's) ...	30.19	62	SE	4	b	30.29	+1.1	63	60	0	SE	4	f	3	b	64	59	8.8	—	—
GERMANY, &c.	Scilly (St. Mary's) ...	30.22	66	SE	4	c	30.27	+0.9	63	60	+1	SE	2	ow	2	c	69	59	10.4	—	—
	Jersey (St. Aubins) ...	30.23	68	NE	3	b	30.30	+0.7	70	62	+1	NE	1	b	1	b	73	59	14.3	—	—
	Portland Bill ...	30.23	63	N	1	b	30.31	+0.8	64	62	+3	NE	1	b	1	b	67	54	*	—	—
	Dungeness ...	30.21	66	SE	2	b	30.28	+0.8	66	62	-2	SE	1	c	1	b	70	53	*	—	—
	Wick ...	29.90	60	SE	4	c	30.00	-0.1	63	60	+6	SE	3	b	2	c	67	56	*	—	—
	Nairn ...	29.90	68	N	4	c	30.02	+0.1	68	61	+5	NE	4	c	1	c	75	58	*	0.01	—
	Aberdeen ...	30.00	61	S	2	c	30.08	+0.1	67	62	+10	SE	2	brn	1	b	75	56	8.4	—	—
	Leith ...	30.04	68	NE	4	0	30.11	+0.2	67	62	+8	NE	1	0	*	0	73	57	*	—	—
	North Shields ...	30.09	70	SE	3	c	30.18	+0.4	67	62	+7	N	2	c	2	c	72	57	*	—	—
	Spurn Head ...	30.14	65	SE	4	b	30.24	+0.4	66	62	+4	SE	2	b	2	b	68	60	*	—	—
FRANCE.	Yarmouth ...	30.16	66	SE	3	b	30.23	+0.6	70	62	+6	N	2	b	2	b	70	56	*	—	—
	Loughborough ...	30.16	65	N	2	c	30.27	+0.6	64	60	+1	SE	1	om	*	b.b.c	80	59	*	—	—
	Oxford ...	30.20	69	N	2	b	30.29	+1.0	64	60	-1	NE	2	0	*	b	79	53	*	—	—
	London (Brixton) ...	30.19	77	SE	1	b	30.29	+0.9	66	61	0	SE	1	b	*	b	83	53	13.4	—	—
	The Scaw (Skagen) ...	30.10	61	NE	2	b	30.17	+1.9	61	58	-3	NE	5	b	1	b	68	57	*	—	—
	Fanö ...	30.20	59	NE	2	b	30.27	+0.8	62	61	+1	SE	2	b	*	b	64	55	*	—	—
	Cuxhaven ...	30.23	65	N	1	b	30.28	+0.9	63	60	+2	S	1	b	*	b	68	57	*	—	—
	The Helder ...	30.22	65	N	2	b	30.26	+1.3	69	65	+4	SE	1	b	1	b	70	52	*	—	—
	Brussels ...	30.21	70	NE	2	b	30.26	+0.6	70	62	+2	SE	2	b	*	b	82	59	*	—	—
	Berlin ...	30.25	68	SE	2	b	30.31	+1.3	68	60	+4	NE	2	b	*	b	77	63	*	—	—
SPAIN, &c.	Frankfurt ...	30.25	68	SE	2	b	30.31	+1.0	66	60	-2	E	2	b	*	b	79	59	*	—	—
	Munich ...	30.31	65	2	0	b	30.39	+1.2	62	59	+1	SE	2	b	*	b	73	54	*	—	—
	C. Gris Nez ...	30.22	64	NE	1	b	30.26	+0.5	63	61	0	NE	1	b	1	b	72	55	*	—	—
	Brest ...	30.32	69	NE	1	b	30.30	?	59	55	+4	E	1	b	0	b	70	54	*	—	—
	Lorient ...	30.21	73	N	2	b	30.26	+0.9	64	59	+5	E	2	b	1	b	84	63	*	—	—
	Rocheport ...	30.20	77	NE	3	b	30.27	+0.8	73	68	+4	E	2	b	*	b	86	66	*	—	—
	Biarritz ...	30.13	76	NE	3	b	30.21	+0.7	73	71	0	2	0	b	2	b	79	68	*	—	—
	Paris ...	30.21	78	NE	1	b	30.29	+0.5	68	61	+6	2	0	b	*	b	84	58	*	—	—
	Belfort ...	30.15	75	NE	3	m	30.25	+0.7	63	58	-2	ENE	4	m	*	m	82	56	*	—	—
	Lyons ...	30.15	80	N	1	b	30.24	+0.7	70	59	+2	N	1	b	*	b	86	63	*	—	—
SPAIN, &c.	Nice ...	30.03	79	SE	2	b	30.13	+1.1	76	64	+1	E	2	b	0	b	84	68	*	—	—
	Perpignan ...	30.04	85	SE	2	b	30.16	+0.6	76	67	-1	N	2	b	*	b	94	64	*	—	—
SPAIN, &c.	Corunna ...	30.06	72	N	4	b	30.05	+0.1	73	65	+3	ENE	2	b	*	b	88	66	*	—	—
	Lisbon ...	30.19	72	E	3	b	30.15	-0.3	73	70	0	SE	2	b	2	b	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 Wednesday 17<sup>th</sup> July, 1901.

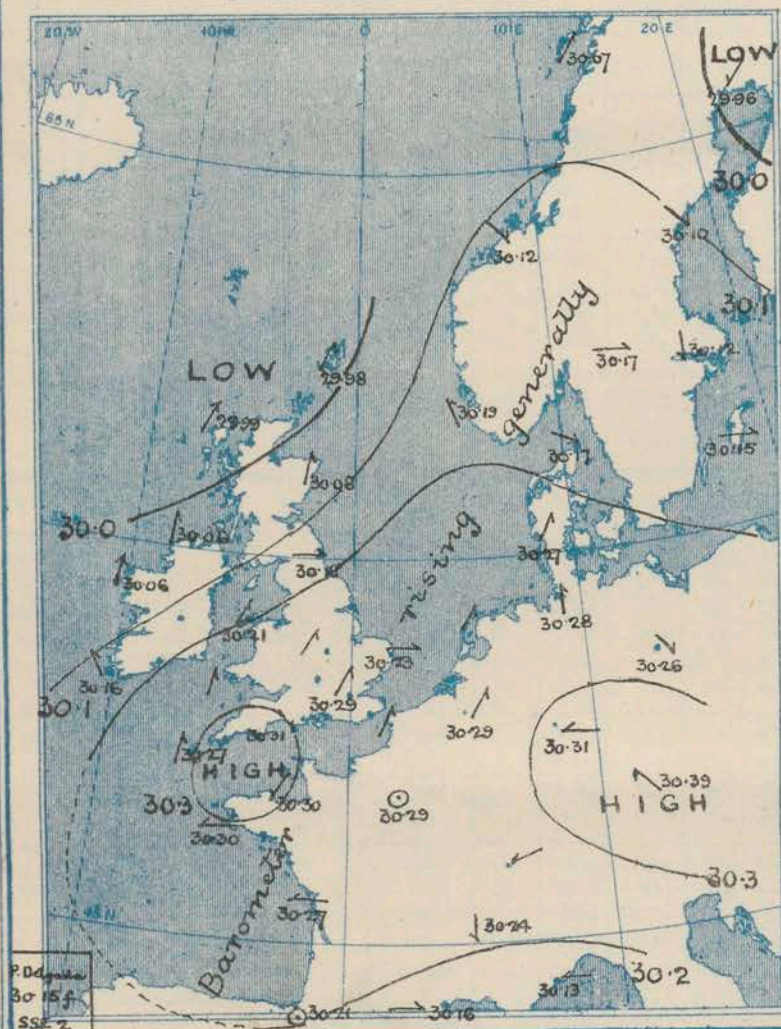
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

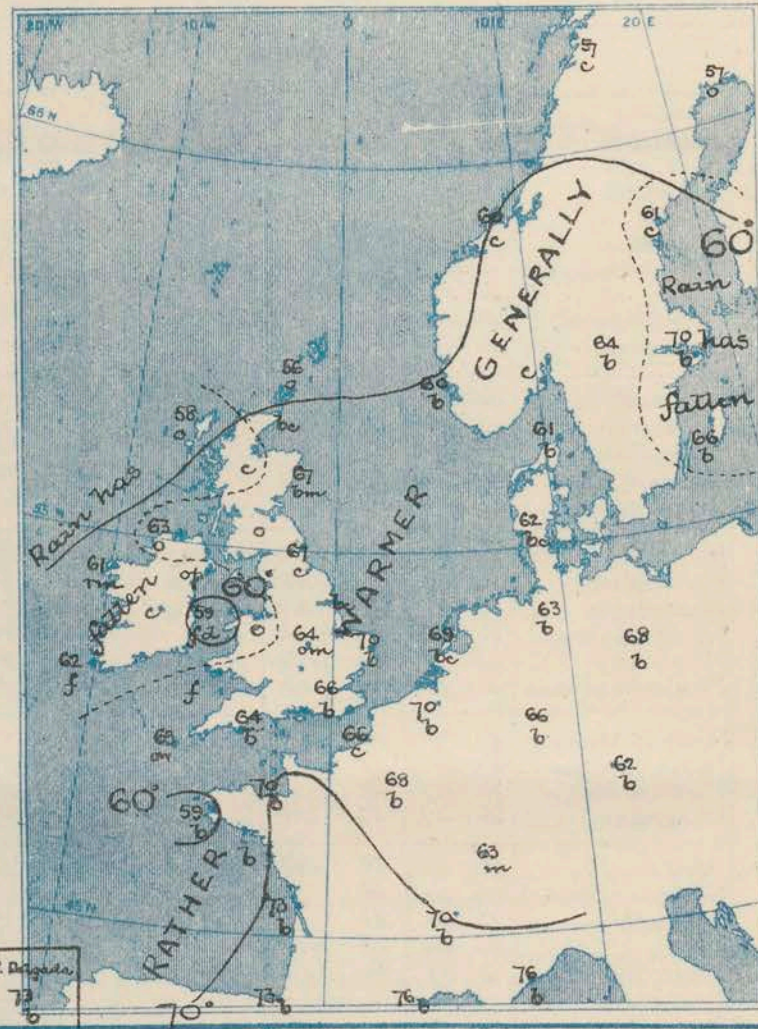


## II. TEMPERATURE AND WEATHER. This Morning.

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.

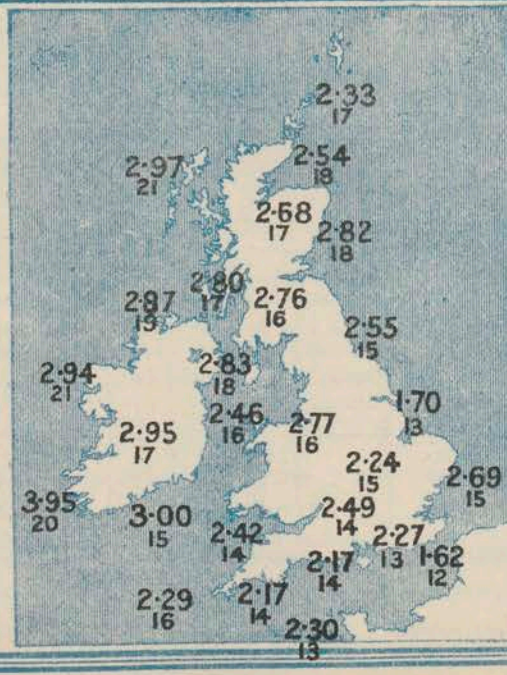


## IV. Average RAINFALL and NUMBER OF RAIN DAYS

in month of JULY (1871-1900)

Specimen { RAINFALL 2.55  
(for Shields) { RAIN DAYS 15

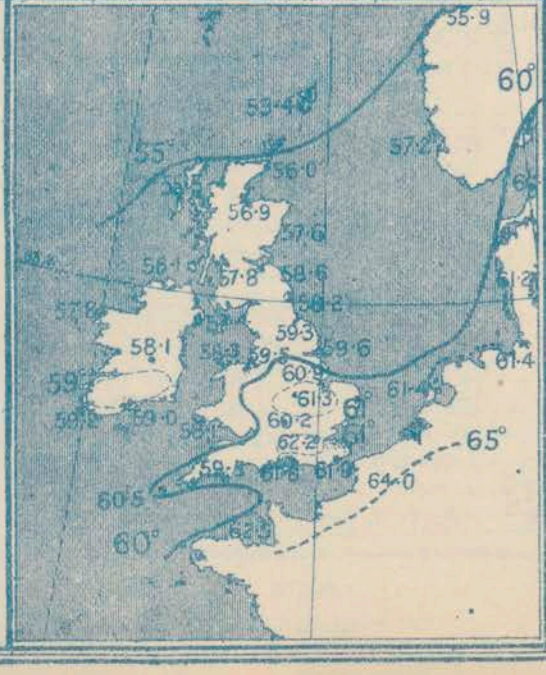
Malin Head & Belmullet-Blacksoil Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the Monthly period

July (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Barometrical pressure is still lowest to the northwestward of our Islands, where the barometer is rather below 30.0 ins., highest in two small anticyclones, with readings of 30.3 ins. and more, lying respectively over the western part of the English Channel, and the South of Germany. The barometer is now rising very generally.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is  $S^{24}$  or  $SW^{24}$  over nearly the whole of our Islands, and is light in force, except on some parts of our northern and northwestern coasts, where it blows freshly. Over France and Germany E<sup>24</sup> breezes prevail, while in Scandinavia W<sup>24</sup> winds are reported. The weather is dull in Ireland, and the west of Scotland, with rain at Blackhead Pt. and Donaghadee, and fog in many places. Temperature has risen over the whole of Northwestern Europe, the present readings ranging from 40° at Yarmouth and 69° at Parsonstown to 56° at Lumburg H<sup>24</sup> and 58° at Stornoway. At the Continental stations it varies from 46° in the South of France, and 40° at Stockholm to 54° in Repland. The sea is rather rough on some parts of our northwestern coasts, but is light or smooth elsewhere.

During yesterday the thermometer rose to 83° in London and 80° at Loughborough. Over France the weather was very warm, readings exceeding 80° being recorded in many places, while at Perpignan temperature rose to 94°. Rain fell on our northwestern & western coasts, and also in Sweden, the amount measured at Valencea exceeding half an inch. Bright sunshine was very considerable over the whole country, but the greatest amount was recorded in the south where it exceeded 13 hrs. generally, and reached 14.6 hrs. at Brighton and Worthing and 14.9 hrs. at Hastings.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine, warm weather is still probable over England, but less settled conditions in Ireland and the west of Scotland, where a considerable amount of cloud may be expected with rain in some places.

## FORECASTS \*

For the 24 hours ending at NOON on 18<sup>TH</sup> JULY 1901

### DISTRICTS.

### FORECASTS.

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

$S^{24}$  and  $SW^{24}$  winds, light or moderate; fair generally.

$SW^{24}$  and  $W^{24}$  winds, light; fine, warm.

### DISTRICTS.

### FORECASTS.

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

$S^{24}$  winds, moderate; cloudy, some showers.

$S^{24}$  and  $SW^{24}$  winds, light; fair generally.

$S^{24}$  winds, light or moderate; fair, warm.

Same as N° 6.

$S^{24}$  winds, moderate; fair at first, some rain later.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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 8 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. b	71	55	13.8	—
Newton Reigny (Penrith)	30.12	66	hr 2	o	30.18	+0.04	64	61	+5	30.62	c	*	b	70	58	9.8	—
Bath	30.18	71	hr 2	b	30.29	+0.09	65	62	+2	20	o	*	b	75	54	13.4	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	75	48	b	12.9	—	Worthing	*	*	*	14.6	*
Birmingham, 9 p.m.	76	51	b. c	12.3	—	Llandudno 5.6 p.m.	*	*	*	8.6	*
Lowestoft, to 6 p.m.	68	55	bw. b. c	13.4	—	Rhyl	*	*	*	13.0	*
Hastings	*	*	*	14.9	*	Southport 9 p.m.	72	48	c	11.5	—
Eastbourne 7.5 6 p.m.	*	*	*	13.7	*	Manchester, 9 p.m.	76	46	b. c	11.7	—
Brighton	*	*	*	14.6	*	Darwen, 9 p.m.	72	48	b. c. o	11.2	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 16	—	—	—	Ins.	Algiers ... JULY 16	86	75	c, c	Ins.
Madrid	102	70	r, o	?	Tunis	93	68	c, c	—
Corsica (I. Sanguinaires)	86	64	m, m	—	Vienna	84	66	r, o	?
Rome	88	66	b, c	—	St. Petersburg	81	63	c, c	0.16
Florence	86	68	b, b	—	Lugano	84	—	b	Measured 7 a.m. 15
Trieste	84	66	b, a	—	Davos	66	—	o	0.20
Brindisi	85	62	c, b	—	Lucerne	77	—	c	0.16
Naples	80	68	b, c	—	Lausanne	81	—	b	—
Palermo	88	65	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.

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.	July 17 <sup>th</sup> , 1901.	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 ... ..	3.50	11.59	8.7
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (m.e.t.)	7 p.m.	Greenwich ... ..	4.44	12.6	8.8
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.34	12.18	9.1
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.41	12.47	8.5
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 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on THURSDAY, JULY 18<sup>TH</sup> 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETR.		TEMPERATURE.				WIND.		Sea (to 9.)	Weather.	Temp.		Sun- shine Hours	Rainfall Ins.	
		At 32° and M.S.L.	Dry Bulb.	Dew Pt.	Force (to 12.)		Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (to 12.)			Weather.	Max.			Min.
SCANDINAVIA.	Haparanda ...	30.06	62	N	2	0	30.08	+12	62	59	+5	N	2	c	0	66	50	0.12			
	Hernösand ...	30.16	61	S	4	0	30.26	+16	64	59	+3	S	0	0	0	72	54				
	Stockholm ...	30.21	68	S	2	0	30.26	+14	75	64	+5	N	2	0	0	81	57				
	Wisby ...	30.23	64	E	4	0	30.27	+13	68	63	+2	N	4	0	0	73	54				
	Karlstad ...	30.20	70	SW	2	0	30.30	+13	65	60	+1	SW	2	0	0	70	64				
	Færder (X'ania Fjord)	30.32	69	S	2	0	30.29	+17	67	63	-2	E	1	c	2	70	64				
	Bodö ...	30.03	59	S	2	0	30.09	+02	55	52	-2	SW	6	0	3	59	52	0.04			
	Christiansund ...	30.15	59	WNW	3	0	30.25	+13	64	58	+4	E	1	0	1	64	55				
	Skudesnaes ...	30.26	59	S	0	m	30.32	+13	61	59	+1	SE	2	0	1	61	57				
	Sumburgh Head ...	30.11	60	WNW	3	c	30.12	+14	60	59	+4	S	0	c	3	65	52				
BRITISH ISLANDS.	Stornoway ...	30.04	62	SW	6	0	30.05	+06	64	63	+6	SW	5	0	5	64	56	5.7			
	Malin Head ...	30.09	73	SW	3	0	30.07	+01	67	63	+4	SW	5	0	5	74	62				
	Blackisd Pt. ...	30.11	63	SW	5	c	30.04	-02	63	59	+2	SW	6	0	5	65	61				
	Valencia ...	30.18	65	S	3	c	30.12	-04	65	59	+3	SE	3	c	4	66	60	0.0			
	Roche's Point ...	30.27	63	SW	2	c	30.20	-04	65	61	+3	SE	3	0	3	66	60				
	Parsonstown ...	30.18	76	SW	1	c	30.17	0.0	69	64	0	SW	1	0	0	79	64	7.5			
	Donaghadee ...	30.19	61	SE	3	0	30.19	+05	61	61	-2	SW	2	0	3	68	54				
	Liverpool Obsy. ...	30.25	75	WNW	1	0	30.23	+01	72	67	+6	SE	1	0	1	77	62				
	Holyhead ...	30.26	61	SW	4	c	30.22	+01	64	63	+5	S	2	0	0	64	58				
	Pembroke (St. Ann's)	30.29	63	SW	1	c	30.20	-09	66	65	+6	SE	3	0	2	67	57	0.1			
GERMANY.	Scilly (St. Mary's) ...	30.28	69	SW	1	c	30.17	-10	65	63	+2	SE	3	0	2	70	60	8.1			
	Jersey (St. Aubins) ...	30.28	76	N	3	0	30.20	-10	72	63	+2	E	2	0	2	78	62	13.7			
	Portland Bill ...	30.30	64	WNW	2	0	30.22	-09	70	66	+6	E	3	0	2	70	62				
	Dungeness ...	30.27	70	S	0	0	30.24	-04	68	65	+2	ENE	4	0	2	71	61				
	Wick ...	30.10	65	S	2	0	30.10	+10	67	64	+4	S	1	0	1	71	60				
	Nairn ...	30.09	72	WNW	3	c	30.10	+08	75	68	+4	SW	3	0	1	78	62				
	Aberdeen ...	30.13	73	S	1	0	30.18	+10	71	66	+4	S	1	0	1	79	59	9.8			
	Leith ...	30.16	74	WNW	3	0	30.19	+08	75	67	+8	SW	4	0	1	76	61				
	North Shields ...	30.21	73	ENE	2	c	30.23	+05	68	64	+1	S	2	0	2	78	59				
	Spurn Head ...	30.25	66	SE	4	0	30.25	+01	64	62	-2	SE	3	0	2	72	61				
FRANCE.	Yarmouth ...	30.26	69	E	2	0	30.27	+04	67	63	-3	SE	2	0	2	75	60				
	Loughborough ...	30.26	80	N	2	c	30.26	-01	72	67	+8	S	0	0	0	83	58				
	Oxford ...	30.27	74	WNW	1	0	30.24	-05	75	69	+11	SW	1	0	0	81	61				
	London (Brixton) ...	30.26	81	ENE	1	0	30.27	-02	73	65	+9	SE	2	0	0	84	61	9.7			
	The Scaw (Skagen) ...	30.23	63	N	2	c	30.26	+09	63	61	+2	WNW	1	0	0	68	59				
	Fanö ...	30.31	62	SW	2	c	30.34	+07	63	61	+1	N	1	0	0	70	58				
	Cuxhaven ...	30.30	68	S	0	0	30.31	+03	66	64	+3	ENE	1	0	0	70	59				
	The Helder ...	30.28	65	N	3	0	30.31	+2	71	66	+2	S	2	0	0	75	63				
	Brussels ...	30.24	74	SW	3	0	30.26	-03	71	63	+1	ENE	1	0	0	86	57				
	Berlin ...	30.25	71	SE	2	0	30.25	-01	67	60	-1	SW	3	0	0	82	61				
SPAN. PEN.	Frankfurt ...	30.25	71	SE	2	0	30.24	-07	70	60	+4	NE	2	0	0	84	64				
	Munich ...	30.35	66	E	2	0	30.30	-09	66	60	+4	S	0	0	0	73	58				
	C. Gris Nez ...	30.27	74	NE	1	0	30.25	-01	66	62	+3	ENE	1	0	1	79	57				
	Brest ...	30.23	75	NE	2	0	30.16	-14	68	59	+9	NE	1	0	1	88	59				
	Lorient ...	30.23	82	NW	1	0	30.17	-09	67	57	+3	E	2	0	1	88	63				
	Rochefort ...	30.14	73	WNW	2	0	30.18	-09	72	66	-1	E	2	0	2	100	66				
	Biarritz ...	30.15	79	WNW	1	0	30.11	-10	74	71	+1	S	0	0	2	79	70				
	Paris ...	30.25	82	NE	1	0	30.22	-07	69	63	+1	ENE	1	0	0	87	62				
	Belfort ...	30.16	77	ENE	4	m	30.19	-06	64	58	+1	ENE	3	0	0	83	57				
	Lyons ...	30.19	84	N	1	0	30.17	-07	70	58	0	SW	1	0	0	90	62				
SPAN. PEN.	Nice ...	30.12	78	SW	1	0	30.13	0.0	77	65	+1	S	0	0	0	91	59				
	Perpignan ...	30.13	82	NE	2	0	30.14	-02	69	65	-7	S	0	0	0	91	59				
SPAN. PEN.	Corunna ...	30.02	82	WNW	4	0	30.02	-03	77	69	+4	SW	1	0	0	95	70				
	Lisbon ...	29.99	82	WNW	4	0	30.02	-03	77	69	+4	SW	1	0	0	95	70				
	Azores (P. Delgada) ...	30.02	82	WNW	4	0	30.02	-03	77	69	+4	SW	1	0	0	95	70				

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 18<sup>th</sup> July, 1901.

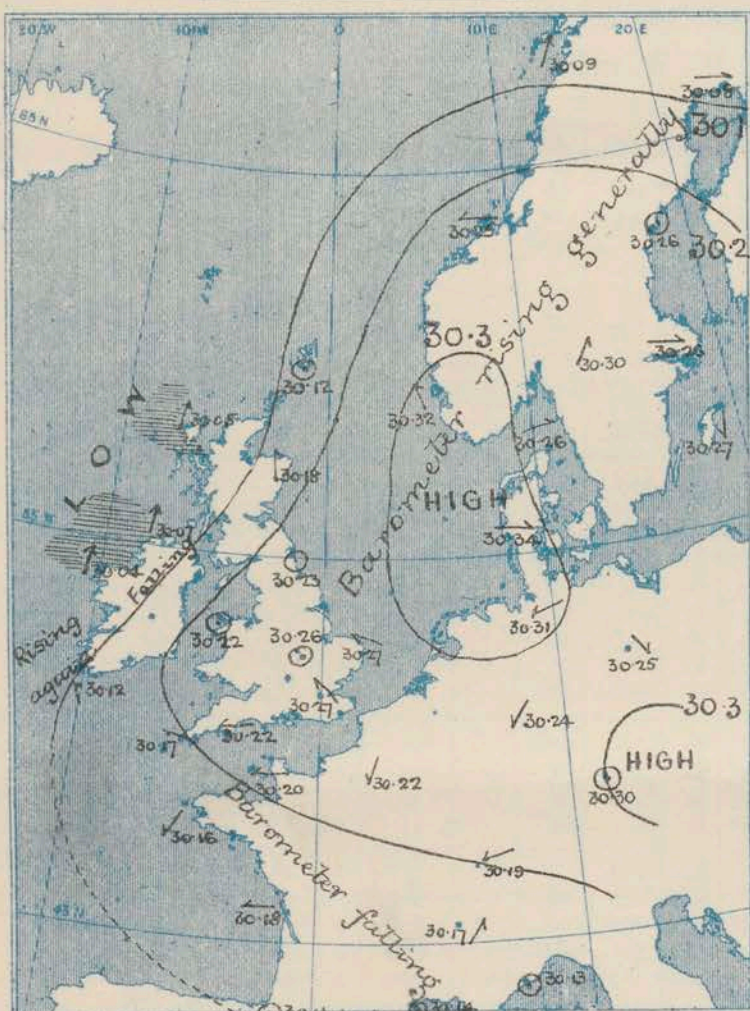
## I. BAROMETER, WIND AND SEA. This Morning.

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

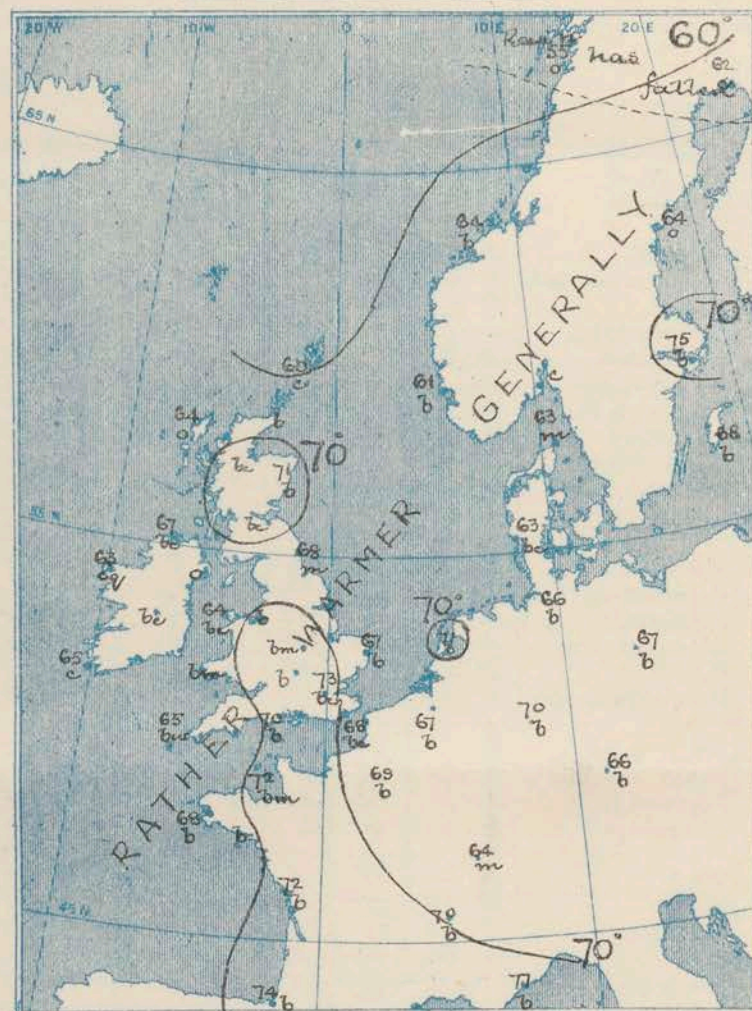


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

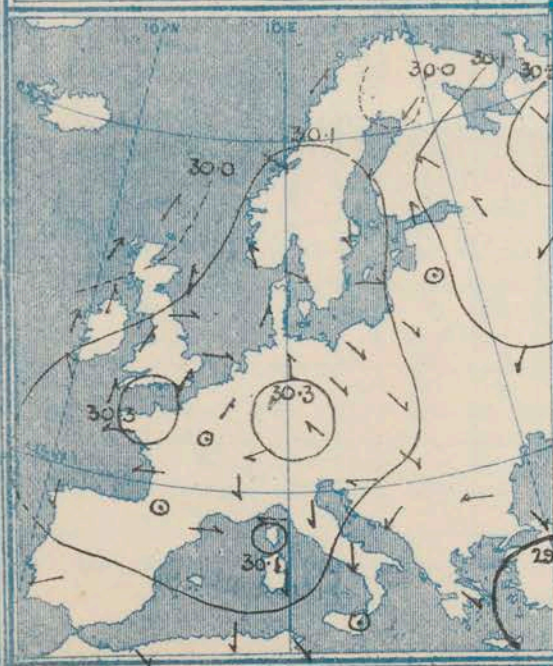
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4.)

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.



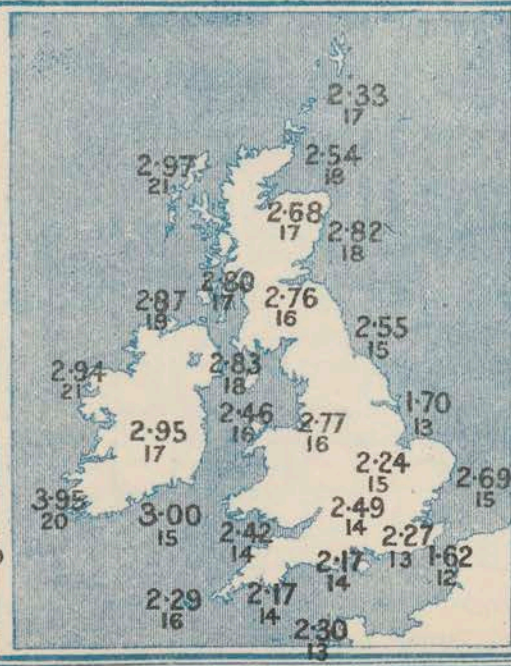
## IV. Average RAINFALL and NUMBER OF RAIN DAYS

in month of JULY (1871-1900)

Specimen (RAINFALL 2.55

(for Shields) RAIN DAYS 15

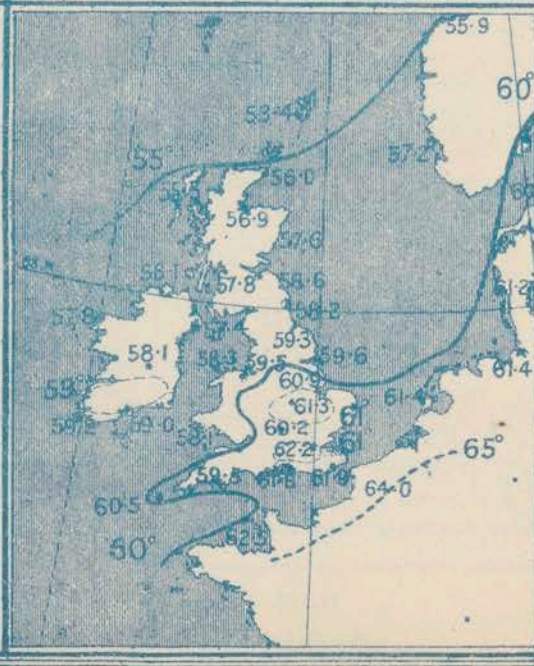
Mali Head & Belmullet-Blackrod Values are for only 15 Yrs.



## V. Means of DAILY TEMPERATURE

at 8 am. for the Monthly period

July (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The barometer is now highest, 30.3 in. + more in two high pressure systems, one lying over the North Sea, Denmark and the southwestern part of Norway, the other over Southern Germany; the lowest pressures are still found off our northwest coasts, where the barometer is rather below 30.0 in. A slight fall of the barometer is in progress off the northwest of Ireland, and also over the English Channel and France, but elsewhere pressure continues to increase.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is  $S^{\frac{1}{2}}$  over the whole of Ireland and Scotland and is fresh in force in many places. Over England and at most of the French stations light breezes from the  $E^{\frac{1}{2}}$  are reported, while in Scandinavia and Germany variable airs prevail. Temperature has again risen very generally, and is high both over Scotland & England, the readings over our Islands ranging from  $45^{\circ}$  at Naom, Keith & Oxford, and  $43^{\circ}$  in London, to  $60^{\circ}$  at Lumburgh H<sup>ts</sup>. The weather is dull at Hornoway and also over the northern part of Scandinavia, very fine elsewhere. The sea is rather rough on our northwest coasts, moderate at Valencia, smooth in most other places.

During yesterday the thermometer rose to  $84^{\circ}$  in London,  $83^{\circ}$  in Loughborough &  $81^{\circ}$  in Oxford, and touched  $49^{\circ}$  at some of the Irish and Scotch stations. In France still higher readings were recorded, temperature rising to  $91^{\circ}$  at Perpignan,  $90^{\circ}$  at Nice and  $100^{\circ}$  at Rochefort. No rain has been measured over Northwestern Europe, except in Lapland, where the fall was slight. No bright Sunshine was recorded at Valencia, but in most other places it was considerable. On the South Coast it amounted to more than 12 hrs. and reached 13 hrs. at Eastbourne.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is at present no sign of any alteration in the conditions now prevailing, so that fine and very warm weather, especially inland, is still probable over our Islands generally.

## FORECASTS \*

For the 24 hours ending at NOON on 19<sup>th</sup> JULY 1901

### DISTRICTS.

### FORECASTS.

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

$S^{\frac{1}{2}}$  winds, light or moderate; fine, warm.

$E^{\frac{1}{2}}$  and  $SE^{\frac{1}{2}}$  winds, light; fine, very warm, especially inland.

### DISTRICTS.

### FORECASTS.

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

$S^{\frac{1}{2}}$  winds, fresh; fair, warm.

Light variable airs; fine, warm, especially inland.

$E^{\frac{1}{2}}$  winds, light; fine, warm.

Same as N<sup>o</sup> 6.

$S^{\frac{1}{2}}$  winds, moderate; fine, warm.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards ( $\nabla$ ), 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 ( $\nabla$ ), 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 8 P.M.				THIS MORNING 8 A.M.									PAST 24 HOURS.			
	Bar. Inch.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine.	Rainfall
					Inch.	Change.	Dry.	Wet.	Change.					Max.	Min.	Hrs.	Inch.
Clacton-on-Sea	"	"	"	"	"	"	"	"	"	"	b	"	b.b	72	62	12.5	—
Newton Reigny (Penrith)	30.22	72	S 1	b	30.28	+0.05	67	65	+3	20	bc	"	cbm	77	55	9.0	—
Bath	30.28	78	W 1	c	30.28	-0.06	72	68	+4	N.W. 1	bc	"	c	77	58	3.2	—

REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE.		Weather.	Sunshine.	Rainfall.
	Max.	Min.		Hrs.	Ins.		Max.	Min.		Hrs.	Ins.
Harrogate, 6 p.m. ...	78	58	b.c.b	8.9	0.04	Worthing ...	"	"	"	13.4	"
Birmingham, 9 p.m. ...	78	58	b.c.b	4.3	—	Llandudno to 6 p.m.	"	"	"	5.0	"
Lowestoft, 6 p.m. ...	78	56	c.b.c.b	8.4	—	Rhyl ... to 6 p.m.	"	"	"	7.0	"
Hastings ...	"	"	"	13.5	"	Southport ... 9 p.m.	73	60	c.b	9.6	—
Eastbourne to 6 p.m.	"	"	"	13.0	"	Manchester, 9 p.m.	79	58	b.c	2.5	—
Brighton ...	"	"	"	13.4	"	Darwen, 9 p.m.	73	59	overcast	5.1	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 17 <sup>th</sup>	70	59	o, o	Ins.	Algiers ... JULY 17 <sup>th</sup>	86	73	b, o	Ins.
Madrid ... ..	—	—	—	—	Tunis... ..	77	66	o, c	—
Corsica (I. Sanguinaires) ...	90	72	m, f	—	Vienna ... ..	75	63	c, c	—
Rome ... ..	89	69	b, c	—	St. Petersburg... ..	—	—	r, b	0.08
Florence ... ..	88	68	b, b	—		1 p.m.			Measured 7 a.m. 16 <sup>th</sup>
Trieste ... ..	79	68	o, b	0.04	Lugano ... JULY 16 <sup>th</sup>	84	—	b	—
Brindisi... ..	—	—	—	—	Davos ... ..	63	—	bc	0.24
Naples ... ..	81	68	b, o	—	Lucerne ... ..	79	—	b	0.12
Palermo ... ..	89	68	m, b	—	Lausanne ... ..	79	—	b	0.04

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	<i>July 18<sup>th</sup>, 1901.</i>	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 ... ..	3.51	11.59	8.6
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.5	12.6	8.7
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.35	12.18	9.0
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.42	12.40	8.57
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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

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



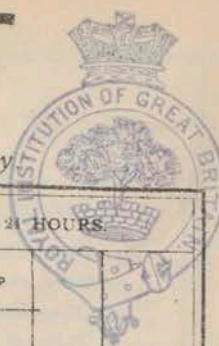
# DAILY WEATHER REPORT

for 8 a.m. on

FRIDAY, JULY 19<sup>TH</sup>

1901.

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° 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 ...	30.19	64	NW	4	c	30.29	+21	67	59	+5	2	0	b	*	c	72	57	*	—	
	Hernösand ...	30.34	66	2	0	b	30.38	+12	71	63	+7	SW	2	b	*	c	73	57	*	—	
	Stockholm ...	30.33	71	2	0	b	30.38	+12	70	62	+3	SE	2	b	*	c	84	61	*	—	
	Wisby ...	30.34	69	2	4	b	30.35	+08	77	67	+9	SE	4	b	*	c	77	55	*	—	
	Karlstad ...	30.32	72	2	0	b	30.37	+07	70	64	+5	SE	2	b	*	c	72	61	*	—	
	Færder (X'ania Fjord) ...	30.30	70	SEW	2	b	30.36	+07	65	64	-2	N	1	b	*	c	72	61	*	—	
	Bodö ...	30.21	54	ESE	2	+	30.28	+19	63	60	+8	E	2	b	1	+	63	52	*	0.44	
	Christiansund ...	30.31	68	N	1	b	30.28	+03	68	60	+4	E	2	b	1	b	73	59	*	—	
	Skudesnaes ...	30.30	63	2	0	b	30.32	0.0	62	60	+1	2	0	b	0	b	65	57	*	—	
	Sumburgh Head ...	30.10	63	SW	1	c	30.07	-05	61	60	+1	SE	2	ot	4	c	69	50	*	—	
BRITISH ISLANDS.	Stornoway ...	30.05	61	SW	6	+	30.10	+05	58	57	-6	SW	3	0	3	q. o. t	65	55	1.7	0.16	
	Malin Head ...	30.09	61	NW	2	c	30.12	+05	57	57	-10	N	1	ot + g	4	c	73	56	*	0.22	
	Blacksod Pt. ...	30.10	58	NW	4	tm	30.16	+12	60	56	-3	NW	2	bm	2	om. tm	63	54	*	0.12	
	Valencia ...	30.10	68	2	2	CV	30.15	+03	60	59	-5	NW	2	0	4	c. CV	72	57	8.8	0.06	
	Roche's Point ...	30.14	65	SE	1	c	30.13	-07	63	60	-2	N	1	c	2	b. c	68	59	*	—	
	Parsonstown ...	30.08	76	W	1	o	30.14	-03	63	62	-6	NW	1	0	*	b. o	80	57	9.7	—	
	Donaghadee ...	30.14	65	SE	3	b	30.10	-09	56	56	-5	NW	2	fw	2	b. c	69	52	*	—	
	Liverpool Obsy. ...	30.12	74	NW	1	b	30.12	-11	68	65	-4	NW	1	c	1	b. c	82	64	*	—	
	Holyhead ...	30.14	72	NW	1	c	30.12	-10	65	62	+1	NW	1	cm	0	b. c	75	60	*	—	
	Pembroke (St. Ann's) ...	30.14	72	NW	1	b	30.14	-05	66	64	0	2	0	bm	2	b	78	60	13.4	—	
GERMANY, &c.	Scilly (St. Mary's) ...	30.13	70	2	2	b	30.11	-06	66	63	+1	ESE	1	c	4	b	72	62	13.1	—	
	Jersey (St. Aubins) ...	30.13	83	E	1	bm	30.12	-08	72	65	0	ESE	1	bm	1	b. bm	86	67	14.3	—	
	Portland Bill ...	30.16	67	E	4	bm	30.13	-09	68	64	-2	E	3	c	2	b	71	62	*	—	
	Dungeness ...	30.17	69	E	4	b	30.13	-11	70	66	+2	ESE	2	b	1	b	72	55	*	—	
	Wick ...	30.10	77	N	2	b	30.10	0.0	65	61	-2	NW	3	ct	1	b	80	54	*	—	
	Nairn ...	30.08	74	N	3	c	30.09	-01	65	61	-10	E	1	0	1	c	83	57	*	—	
	Aberdeen ...	30.12	71	2	1	b	30.10	-08	63	59	-8	SE	1	cm	1	b. c	76	56	13.2	—	
	Leith ...	30.11	78	SEW	2	b	30.09	-10	67	64	-8	ESE	2	c	*	b	81	61	*	—	
	North Shields ...	30.13	69	ESE	3	0	30.12	-11	68	63	0	2	3	c	2	m. b. t	76	61	*	0.01	
	Spurn Head ...	30.20	65	ESE	4	b	30.18	-07	64	62	0	ESE	3	b	2	b	72	60	*	—	
FRANCE.	Yarmouth ...	30.20	70	ESE	1	b	30.17	-10	66	63	-1	E	1	b	2	b	72	61	*	—	
	Loughborough ...	30.14	89	SE	2	b	30.16	-10	71	65	-1	ESE	1	cm	*	b. c	90	60	*	—	
	Oxford ...	30.16	78	SE	2	b	30.14	-10	73	63	-2	ESE	1	b	*	b	88	59	*	—	
	London (Brixton) ...	30.21	80	ESE	3	b	30.16	-11	71	65	-2	2	0	b	*	b. c	88	58	12.3	—	
	The Scaw (Skagen) ...	30.31	67	2	0	c	30.33	+07	67	65	+4	N	1	m	0	c	79	59	*	—	
	Fanö ...	30.29	65	N	2	b	30.31	-03	67	64	+4	SE	4	b	*	b	75	61	*	—	
	Cuxhaven ...	30.26	70	N	2	b	30.27	-04	66	63	0	E	3	b	*	b	72	64	*	—	
	The Helder ...	30.17	71	ESE	3	b	30.19	-11	70	66	-1	E	1	b	*	b	72	64	*	—	
	Brussels ...	30.15	66	E	5	b	30.13	-13	72	66	+1	NW	1	b	*	b	84	62	*	—	
	Berlin ...	30.15	71	NW	2	b	30.20	-05	64	58	-3	ESE	2	b	*	b	77	57	*	—	
SPAN. PEN.	Frankfurt ...	30.15	71	NW	2	b	30.09	-15	68	60	-2	NW	4	b	*	b	86	63	*	—	
	Munich ...	30.19	68	2	0	b	30.13	-17	67	57	-1	SW	4	b	*	b	79	57	*	—	
	C. Gris Nez ...	30.28	67	E	1	m	30.17	-08	67	65	+1	ESE	1	m	1	m	79	57	*	—	
	Brest ...	30.13	85	2	0	b	30.11	-05	72	68	+4	SE	1	m	1	m	93	66	*	—	
	Lorient ...	30.06	85	2	0	b	30.11	-06	71	64	+4	E	1	b	0	b	95	67	*	—	
	Rochefort ...	30.10	90	E	3	b	30.11	-07	74	66	+2	SE	2	b	*	b	104	68	*	—	
	Biarritz ...	30.07	80	NW	3	b	30.08	-03	74	71	0	NW	3	b	2	b	82	72	*	—	
	Paris ...	30.13	84	N	2	b	30.12	-10	70	63	+1	NW	1	b	*	b	82	62	*	—	
	Belfort ...	30.05	79	ESE	2	m	30.05	-14	66	59	+2	2	0	m	*	m	85	60	*	—	
	Lyons ...	30.06	77	2	0	b	30.03	-10	74	63	-3	2	0	b	0	b	88	64	*	—	
Perpignan ...	30.05	79	E	3	b	30.04	-10	72	68	+3	2	0	b	*	b	82	63	*	—		
SPAN. PEN.	Corunna ...	30.13	85	NW	5	b	29.94	-08	82	70	+5	SW	1	b	*	b	73	73	*	—	
	Lisbon ...	30.16	73	SE	1	b	30.13	-01	71	70	-1	SE	4	0	3	b	79	70	*	—	

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 19<sup>th</sup> July, 1901.

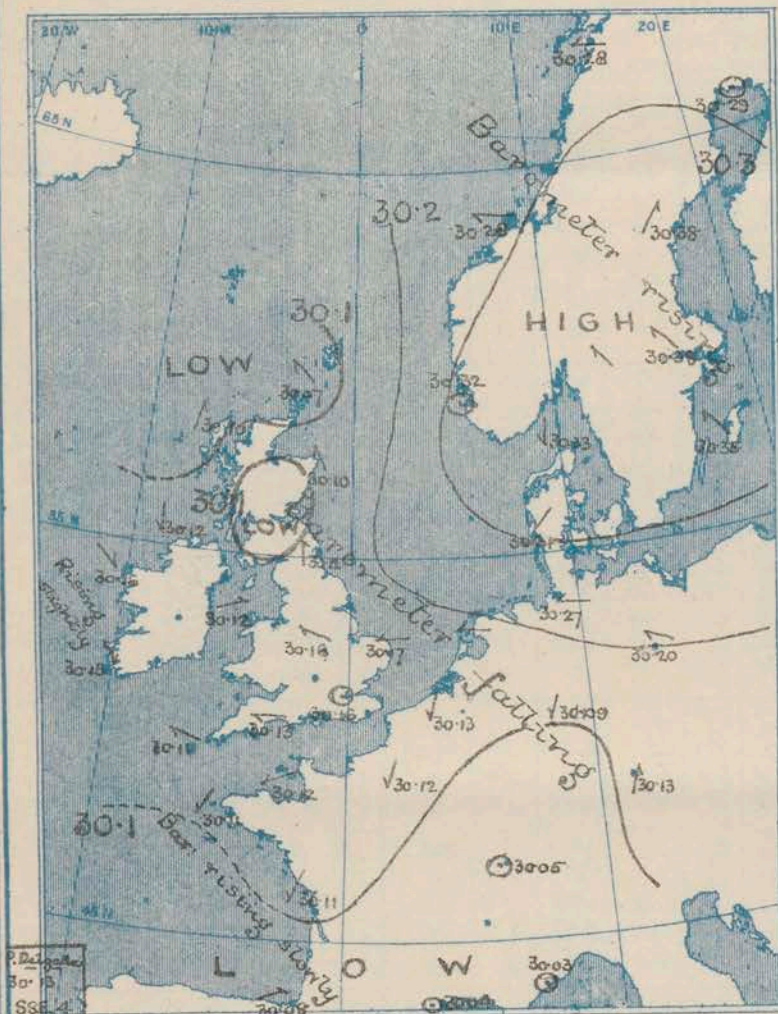
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

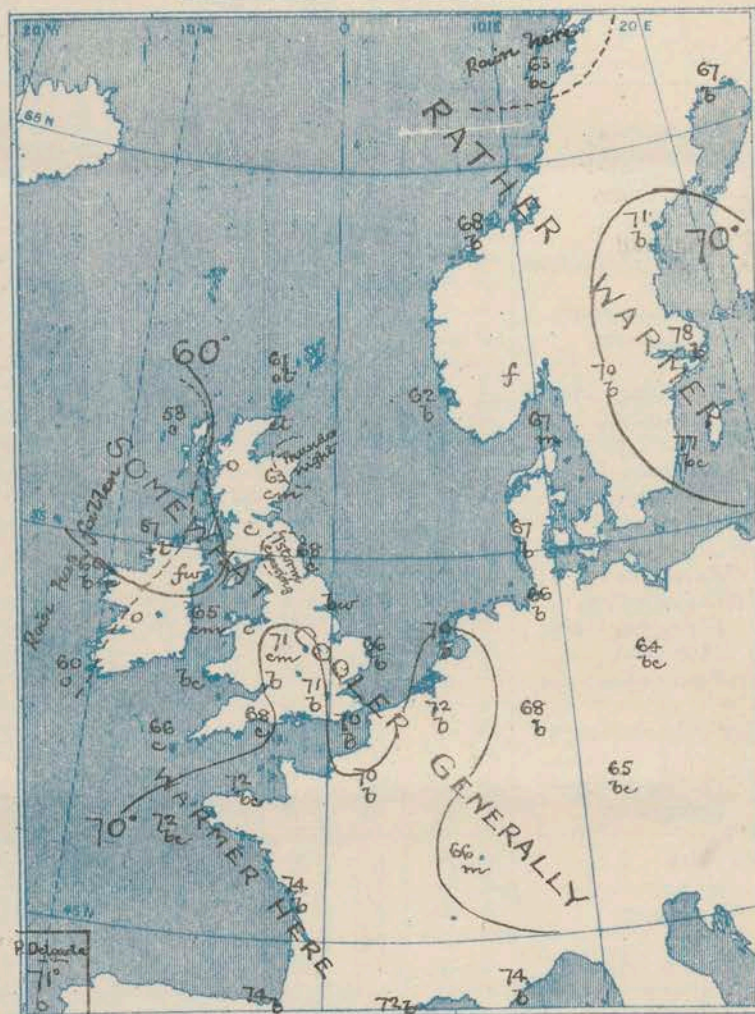


## II. TEMPERATURE AND WEATHER. This Morning.

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.

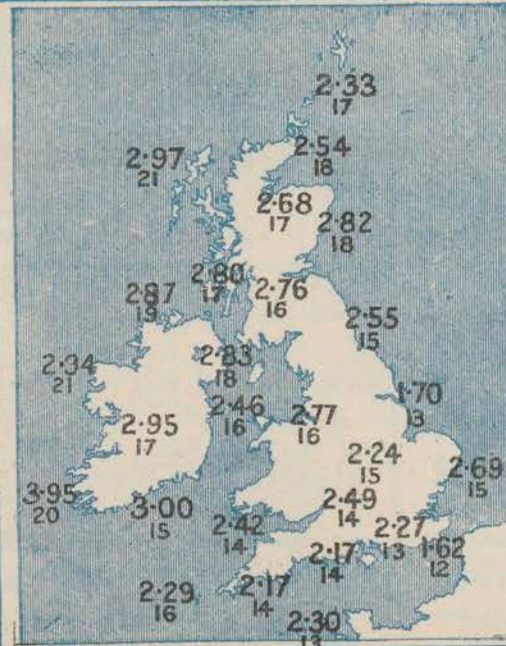


## IV. Average RAINFALL and NUMBER OF RAIN DAYS

in month of JULY (1871-1900.)

Specimen { RAINFALL 2.55  
(for Shields) { RAIN DAYS 15

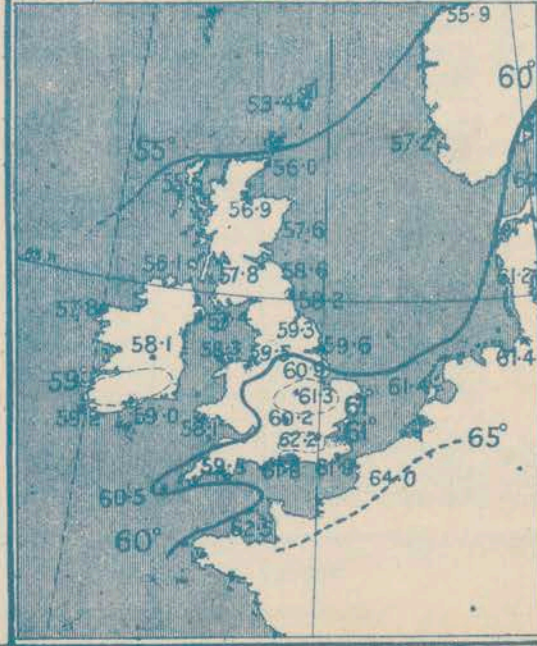
Malin Head & Belmullet-Blacksod Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the Monthly period

July (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The anticyclone with readings of 30.3 in. and more now covers Scandinavia and Denmark, while shallow areas of low pressure, with readings of about 30.1 in., have been formed over all the northern parts of the country. The barometer is falling over the greater part of our Islands, but is rising on our northwestern and western coasts and also in Scandinavia.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is extremely light and variable in the north and west, but is chiefly E. in England & on the Continent. Temperature shows some tendency to fall in our Islands, but is still high. The present readings range from 73° at Oxford and Newton Regis to 54° at Malin H. & 58° at Stromway. Over the south of Sweden the thermometer is also high, Stockholm thereby recording 78° & 74° respectively. The weather is cloudy or dull on our northern and western coasts, and a thunderstorm is now in progress at Malin Head; thunder is also reported from Wick & Sumburgh H. and a solar halo at Jersey. The sea is moderate in the north and west, smooth in most other places.

During yesterday the thermometer rose to 90° at Roughborough and Hillington, 89° at Newton Regis, 88° at Oxford and in London, and exceeded 80° in most parts of Scotland & England. In the west of France also great heat prevailed, temperature rising to 93° at Brest, 95° at Lorient and 104° at Rochefort. Rain has fallen at some of our northern and northwestern stations and a thunderstorm occurred during the night at Aberdeen and Shetland. Very little bright sunshine was recorded at Stromway, but elsewhere it has been considerable the amounts ranging from 14.5 hrs at Hastings and 14.3 at Jersey to 8.8 at Valencia.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of barometrical pressure is decidedly more complex than of late, and conditions are now becoming unsettled generally, with a tendency towards the formation of thunderstorm depressions over our Islands.

## FORECASTS \*

For the 24 hours ending at NOON on 20<sup>TH</sup> JULY 1901

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S <sup>ly</sup> to N <sup>ly</sup> winds, light; cloudy, unsettled, local thunderstorms.	6 { SCOTLAND WEST	N <sup>ly</sup> winds, light; some showers, then fair.
1 { SCOTLAND EAST		7 { ENGLAND NW.	Same as N <sup>os</sup> 2 to 5.
2 { ENGLAND N.E.	Varying light winds; warm and close, becoming unsettled, with local thunderstorms.	8 { ENGLAND S.W.	Light E <sup>ly</sup> breezes; fair, then some rain, and, perhaps thunder.
3 { ENGLAND EAST		9 { IRELAND NORTH	Same as N <sup>o</sup> 6.
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	N <sup>ly</sup> winds, light; fair generally.
5 { ENGLAND SOUTH		WARNINGS NONE ISSUED.	

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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	*	b. b	72	62	13.5	—
Newton Reigny (Penrith)	30.10	80	N 1	b	30.10	-13	75	69	+6	20	om	*	b	89	60	11.0	—
Bath	30.13	78	N 1	b	30.13	-10	70	65	-2	N 1	c	*	b	86	55	11.6	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	84	60	b	11.0	—	Worthing	*	*	*	11.6	*
Birmingham, 9 p.m.	86	62	b	12.5	—	Llandudno 5.6 p.m.	*	*	*	11.0	*
Lowestoft, 6 p.m.	71	58	b	13.8	—	Rhyl 5.6 p.m.	*	*	*	13.0	*
Hastings	*	*	*	14.5	*	Southport 9 p.m.	85	60	c. b. c	11.4	—
Eastbourne 5.6 p.m.	*	*	*	13.7	*	Manchester, 9 p.m.	84	61	b. c	11.0	—
Brighton 5.6 p.m.	*	*	*	11.7	*	Darwen, 9 p.m.	83	60	c. b. c. m. a.	9.7	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 18 <sup>th</sup>	72	61	o, o	Ins.	Algiers ... JULY 18 <sup>th</sup>	84	70	c, f	—
Madrid	101	68	o, b	—	Tunis	93	68	o, c	—
Corsica (I. Sanguinaires)	93	70	f, f	—	Vienna	77	61	b, b	—
Rome	84	68	b, b	—	St. Petersburg	84	63	c, b	—
Florence	84	61	b, b	—	Lugano ... JULY 17 <sup>th</sup>	84	—	b	Measured at 7 a.m. 19 <sup>th</sup>
Trieste	84	68	o, b	—	Davos	70	—	b	—
Brindisi	85	62	c, b	—	Lucerne	79	—	b	—
Naples	82	69	b, b	—	Lausanne	79	—	b	—
Palermo	84	67	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.

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.	Corre- sponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corre- sponding Greenwich Times.	July 19 <sup>th</sup> 1901.	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 ... ..	3.52	11.59	8.5
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.4	12.6	8.6
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.37	12.18	8.39
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.44	12.47	8.50
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on

SATURDAY, JULY 20<sup>TH</sup>

1901.

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.)										LAST 24 HOURS.				
		BAROM.  At 8 <sup>30</sup> and M.S.L.  Ins.	TEMP.  Dry Bulb.	WIND.  Direc.	Force (0 to 12.)	Weather.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall. Ins.
							At 8 <sup>30</sup> Fahr. and M. S. L.  Ins.	Change since Yester- day.  Ins.	Dry Bulb.  °	Wet Bulb.  °	Change since Yester- day.  °	Direc.	Force (0 to 12.)	Weather.			Max.	Min.			
SCANDINAVIA.	Haparanda ...	30.34	64	N	2	b	30.37	+0.8	69	60	+2	N	2	b	0	b	77	59	*	—	
	Hernösand ...	30.30	67	N	0	b	30.35	-0.3	68	62	-3	N	2	b	0	b	86	59	*	—	
	Stockholm ...	30.34	72	N	0	b	30.36	-0.2	77	63	-1	N	2	b	0	b	86	67	*	—	
	Wisby ...	30.33	69	SE	4	b	30.34	-0.1	75	63	-2	SE	4	b	0	b	82	59	*	—	
	Karlstad ...	30.30	78	N	0	b	30.35	-0.2	74	68	+4	N	2	b	0	b	82	59	*	—	
	Færder (X'ania Fjord)	30.28	75	SE	2	b	30.32	-0.4	74	70	+9	N	0	b	0	b	77	64	*	—	
	Bodö ...	30.25	68	N	0	b	30.32	+0.4	60	57	-3	SE	1	b	1	b	70	57	*	—	
	Christiansund ...	30.29	69	N	1	m	30.33	+0.5	63	59	-5	N	2	b	1	m	75	61	*	—	
	Skudesnaes ...	30.29	66	SE	2	b	30.34	+0.2	66	63	+4	N	0	b	0	b	66	57	*	—	
	Sumburgh Head ...	30.14	59	NE	2	o	30.20	+1.3	58	55	-6	NE	3	+	4	o	61	52	0.5	0.03	
Stornoway ...	30.18	60	E	3	c	30.14	+0.4	59	57	+1	N	3	o	3	c	67	50	0.5	0.02		
Malin Head ...	30.18	60	NE	2	b	30.06	-0.6	61	58	+4	SE	2	b	1	b.c.	62	51	*	—		
Blacksod Pt. ...	30.20	62	NE	3	c	30.06	-1.6	61	59	+1	SE	4	c	3	b.c.	65	57	*	—		
Valencia ...	30.13	69	NE	2	b	29.96	-1.9	68	62	+8	SE	1	c	4	c.b.	69	57	8.1	—		
BRITISH ISLANDS.	Roche's Point ...	30.13	68	SE	1	b	30.01	-1.2	64	60	+1	SE	4	b	3	b.c.	72	59	*	—	
	Parsonstown ...	30.13	68	NE	1	o	30.03	-1.1	65	61	+2	N	1	o	2	o	68	57	0.0	—	
	Donaghadee ...	30.14	60	NE	3	b	30.10	0.0	57	53	+1	NE	2	b	2	p.b.	61	52	*	—	
	Liverpool Obsy. ...	30.12	70	NE	1	b	30.09	-0.3	68	63	0	NE	1	b	1	b	74	60	*	—	
	Holyhead ...	30.14	61	N	1	b	30.07	-0.5	69	64	+4	NE	1	b	0	o.b.	72	57	*	—	
	Pembroke (St. Ann's)	30.12	71	N	1	b	30.03	-1.1	69	69	+3	SE	4	b	3	o.b.	74	63	8.2	—	
	Scilly (St. Mary's)...	30.06	70	NE	3	b	29.99	-1.2	67	65	+1	E	4	c	4	b	75	63	11.5	—	
	Jersey (St. Aubins)...	30.07	69	E	1	b	30.08	-0.4	78	66	+6	NE	2	b	2	b	85	66	14.0	—	
	Portland Bill ...	30.10	71	N	2	b	30.09	-0.4	68	66	0	E	3	b	2	b	75	64	*	—	
	Dungeness ...	30.08	68	E	3	b	30.12	-0.1	70	60	0	NE	3	b	2	c.b.	74	61	*	—	
Wick ...	30.19	59	N	0	o	30.17	+0.7	58	54	-10	E	2	f	1	o	66	53	*	0.10		
Nairn ...	30.17	60	E	2	+	30.16	+0.7	59	58	-6	N	0	1	1	t.o.c	67	55	2.1	0.04		
Aberdeen ...	30.14	60	E	1	c	30.19	+0.9	58	57	-5	NE	3	m	*	b	67	55	*	—		
Leith ...	30.08	69	N	0	b	30.15	+0.6	57	57	-10	NE	3	m	*	b	75	56	*	0.09		
North Shields ...	30.11	64	E	1	t	30.16	+0.4	59	59	-9	N	0	f	2	c.b.	74	58	*	0.69		
Spurn Head ...	30.12	65	SE	4	b	30.17	-0.1	63	61	-1	SE	3	b	2	b	70	60	*	—		
Yarmouth ...	30.12	68	E	2	b	30.15	-0.2	66	63	0	NE	2	b	2	b	70	61	*	—		
Loughborough ...	30.07	87	N	1	b	30.14	-0.2	71	63	0	SE	1	b	*	c.b.	90	61	*	—		
Oxford ...	30.06	79	SE	2	b	30.11	-0.3	74	65	+1	E	1	b	*	b	89	60	*	—		
London (Brixton)	30.09	80	SE	2	b	30.14	-0.2	72	67	+1	E	1	b	*	b	90	62	7.5	—		
GERMANY, &c.	The Scaw (Skagen)	30.29	72	N	0	b	30.29	-0.4	71	68	+4	E	1	b	0	b	82	66	*	—	
	Fanö ...	30.26	68	NE	2	b	30.23	-0.8	71	66	+4	NE	4	b	*	b	81	64	*	—	
	Cuxhaven ...	30.20	71	E	3	b	30.16	-1.1	68	66	+2	NE	2	b	*	b	75	64	*	—	
	The Helder ...	30.13	71	NE	3	b	30.15	-0.4	70	66	0	NE	3	b	3	b	77	68	*	—	
	Brussels ...	*	*	*	*	*	30.12	-0.1	71	62	-1	SE	1	b	*	b	84	56	*	—	
	Berlin ...	30.11	72	N	0	b	30.10	-1.0	70	64	+6	E	5	b	*	b	75	64	*	0.32	
	Frankfurt ...	30.05	65	NE	2	b	30.04	-0.5	65	59	-3	NE	2	b	*	b	77	59	*	0.16	
Munich ...	30.10	59	N	2	c	30.07	-0.6	59	58	-6	SE	3	o	*	c	79	55	*	—		
FRANCE.	C. Gris Nez ...	30.11	71	E	2	b	30.12	-0.5	69	63	+2	E	1	m	0	b	77	59	*	—	
	Brest ...	30.15	86	N	0	b	30.03	-0.8	72	65	0	E	1	b	1	b	95	70	*	—	
	Lorient ...	30.06	86	NE	1	b	30.04	-0.7	73	65	+2	SE	1	b	1	b	97	68	*	—	
	Rochefort ...	30.07	78	N	3	b	30.09	-0.2	74	69	0	NE	1	c	*	b	97	68	*	—	
	Biarritz ...	30.07	79	N	3	b	30.07	-0.1	72	70	-2	N	0	m	4	b	82	70	*	—	
	Paris ...	30.03	84	NE	2	b	30.09	-0.3	70	62	0	NE	1	b	*	b	89	62	*	—	
	Belfort ...	29.92	81	N	2	m	30.03	-0.2	64	59	-2	E	2	m	*	m	88	56	*	—	
SPAN. PEN.	Lyons ...	30.00	84	N	1	b	30.03	-0.4	73	64	+2	N	1	b	*	b	91	66	*	—	
	Nice ...	29.99	75	E	1	b	29.99	-0.4	72	64	-2	N	0	b	0	b	86	63	*	—	
	Perpignan ...	29.95	88	N	1	b	30.01	-0.3	76	71	+4	N	1	b	*	b	92	67	*	—	
	Corunna ...	29.91	87	N	4	b	29.92	-0.2	84	69	+2	N	1	b	*	b	97	77	*	—	
Lisbon ...	30.12	73	N	0	o	30.10	-0.3	75	72	+4	N	0	b	2	o	77	70	*	0.04		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR *Saturday 20<sup>th</sup> July, 1901.*

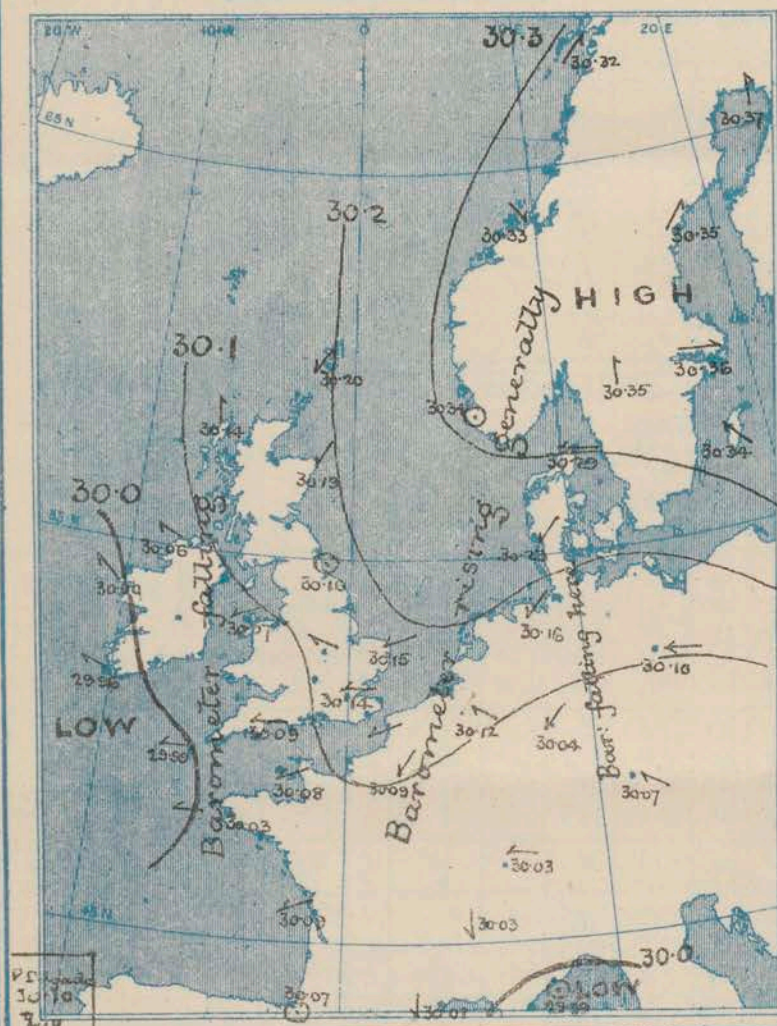
## I. BAROMETER, WIND AND SEA. This Morning.

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 ≡

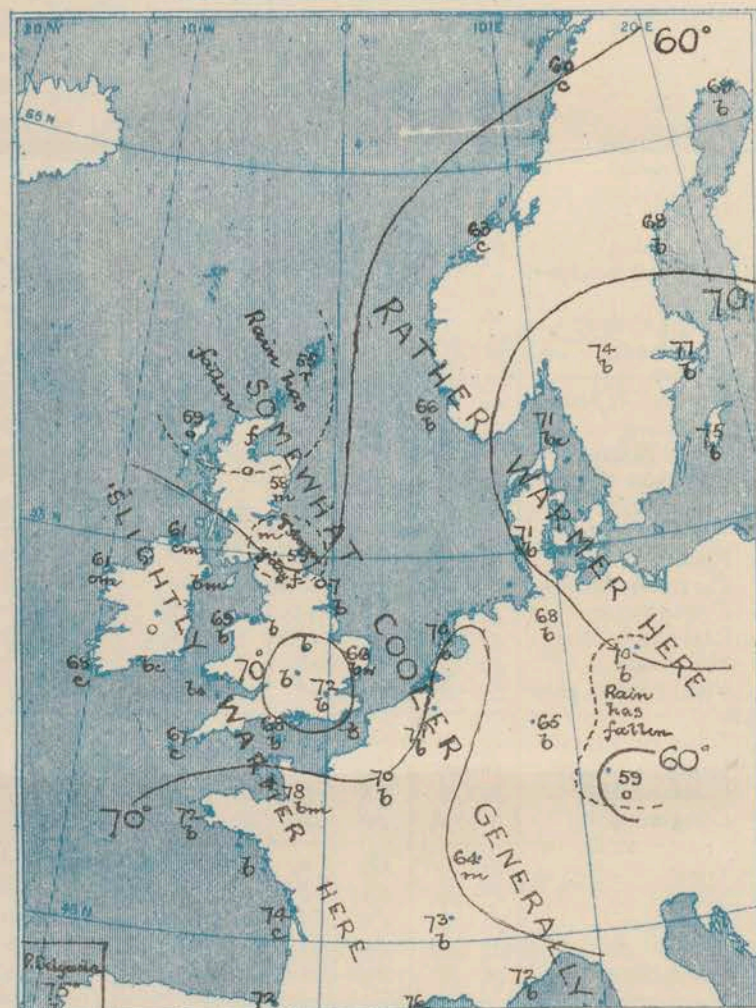


## II. TEMPERATURE AND WEATHER. This Morning.

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



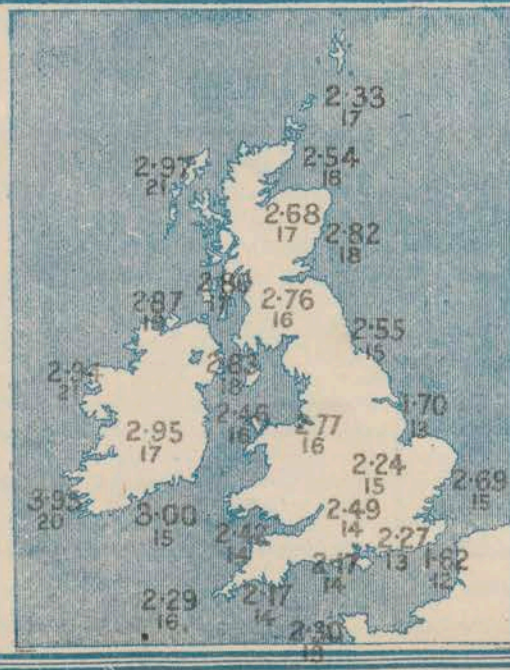
## III. BAROMETER AND WIND

*Yesterday morning.*



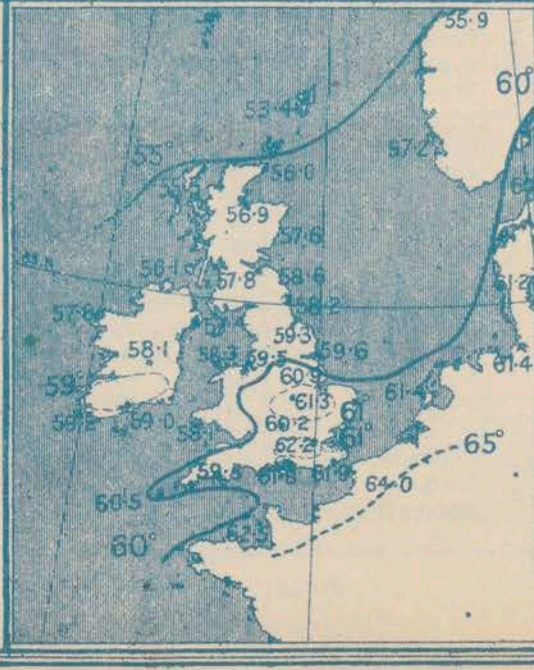
IV *Average* RAINFALL and  
NUMBER OF RAIN DAYS  
in month of JULY (1871-1900)  
Specimen { RAINFALL 2.55  
(for Shields) { RAIN DAYS 15

*Malin Head & Belmullet-Blackrod. Values are for only 15 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Monthly period  
July (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Barometrical pressure is still highest, with readings of 30.3 in. and more over Scandinavia, but is now lowest, 30.0 in. and less, in a shallow area of low pressure lying off our western and southwestern coasts. The barometer is rising slowly at most of the English stations, but is falling a little in some parts of France, and rather decidedly over Ireland and the southwest of England. The local irregularities in pressure noticed yesterday over England have disappeared.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is  $SE^3$  to  $E^3$  over the whole of our islands and France, and is light or moderate in force; in Scandinavia  $E^3$  breezes prevail. Temperature has fallen decidedly on our north and north-west coasts, and also at some of the German stations, but has risen a little in Ireland and over the southern counties of England. The readings at present range from 48° at Jersey to 55° at Lumburg  $H^4$  and  $W^4$ . The weather is cloudy or dull in Scotland and on the west coast of Ireland, with rain in the Shetlands and fog or mist at several stations in Scotland & the northeast of England; over England and also on the Continent it is very fine, with cloudless skies in nearly all places. The sea is moderate at Lumburg  $H^4$  and on some parts of our southwestern coasts, slight or smooth elsewhere. During yesterday the thermometer rose to 90° at Loughborough and in London, 89° at Oxford and 85° at Jersey. Over France readings were much higher, the maxima reported ranging from 94° at Rochefort and Doricet 92° at Perpignan to 77° at C. Grisey. In Sweden the temperature was very high, the thermometer rising to 86° both at Hemsö and Stockholm. Some rain fell in Scotland and the northeast of England, heavily at Shields, where a thunderstorm occurred during the afternoon; distant thunder was also heard at Aberdeen. Bright sunshine recorded yesterday ranged from 13.6 hrs. at Hastings, and about 13 hrs. on the south coast generally to 2.1 hrs. at Aberdeen. At Portsmouth there was none.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuation of fine warm weather is now probable over England, but conditions are less settled over the western parts of the Kingdom, where cloudy skies and some rain may be expected during the ensuing twenty-four hours.

## FORECASTS \*

For the 24 hours ending at NOON on 21<sup>st</sup> JULY 1901

### DISTRICTS.

### FORECASTS.

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

$S^4$  winds, light; cloudy, some rain.

$E^4$  breezes, light; fair, some mist & fog.

$E^4$  breezes, light; fine, warm, especially inland.

### DISTRICTS.

### FORECASTS.

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

$SE^3$  winds, light; fair, but cloudy.

Same as N<sup>os</sup> 3 to 5.

$E^4$  and  $SE^4$  winds, moderate; fair at first, some rain later.

$SE^4$  winds, light to fresh; fair at first, some rain later.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards ( $\nabla$ ), 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 ( $\nabla$ ), 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	72	61	13.0	—
Newton Reigny (Penrith)	30.12	70	W 1	+	30.12	+0.2	68	63	+5	20	b	*	calm	80	51	8.5	—
Bath	30.05	81	W 1	bc	30.09	-0.4	72	67	+2	20	b	*	bc	88	60	10.7	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m. ... ..	84	58	b, c, b, o	10.4	—	Worthing ... ..	*	*	*	13.8	*
Birmingham, 9 p.m. ... ..	88	63	c, b	9.2	—	Llandudno 7.6 p.m. ...	*	*	*	9.0	*
Lowestoft, ... 6 p.m. ... ..	68	61	b, b, c	11.9	—	Rhyl ... ..	*	*	*	9.0	*
Hastings ... ..	*	*	*	14.4	*	Southport ... 9 p.m. ...	74	61	o, c	8.0	—
Eastbourne ... 7.6 p.m. ...	*	*	*	13.5	*	Manchester, 9 p.m. ...	86	65	bc	6.3	—
Brighton ... 7.5 p.m. ...	*	*	*	12.6	*	Darwen, 9 p.m. ...	79	65	oc, cw	7.7	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 19 <sup>th</sup>	—	—	—	Ins.	Algiers ... JULY 19 <sup>th</sup>	82	72	c, m	Ins.
Madrid ... ..	97	68	b, b	—	Tunis ... ..	88	66	o, o	—
Corsica (I. Sanguinaires) ...	90	72	cl, b	0.35	Vienna ... ..	79	59	c, o	0.16
Rome ... ..	88	64	b, o	—	St. Petersburg ... ..	82	66	c, o	—
Florence ... ..	88	63	b, b	—	Lugano ... JULY 18 <sup>th</sup>	82	—	bc	Measured 7 a.m. 18 <sup>th</sup>
Trieste ... ..	86	72	b, c	—	Davos ... ..	72	—	b	—
Brindisi ... ..	85	62	b, b	—	Lucerne ... ..	79	—	b	—
Naples ... ..	85	55	b, b	—	Lausanne ... ..	81	—	b	—
Palermo ... ..	86	64	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, 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)	5.25 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.

	July 20, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.54	11.59	8.44	
Greenwich ... ..	4.8	12.6	8.5	
Wick ... ..	3.39	12.18	8.57	
Valencia ... ..	4.46	12.47	8.49	

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



# DAILY WEATHER REPORT

for 8 a.m. on Sunday 21<sup>st</sup> JULY, 1901.  
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall. Ins.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.			
																			Ins.		
SCANDINAVIA.	Haparanda ...	30.23	66	SW	2	c	30.26	-.11	73	66	+ 4	NW	4	b	*	c	77	59	*	-	
	Hernösand ...	30.15	69	L	0	b	30.30	-.05	72	68	+ 4	NNE	2	b	*	b	77	55	*	-	
	Stockholm ...	30.28	75	L	0	b	30.30	-.06	81	68	- 4	SW	2	b	*	b	77	52	*	-	
	Wisby ...	30.30	71	SSE	4	b	30.28	-.06	78	68	+ 3	SSE	4	b	*	b	81	59	*	-	
	Karlstad ...	30.30	78	SW	2	b	30.30	-.05	74	67	0	S	2	b	*	b	*	*	-	-	
	Færder (X'ania Fjord)	30.28	80	L	0	b	30.26	-.06	76	68	+ 2	SE	1	b	1	b	81	72	*	-	
	Bodö ...	30.35	55	W	2	o	30.31	-.01	57	55	- 3	L	0	b	1	o	63	54	*	0.32	
	Christiansund ...	30.31	74	NNE	2	b	30.21	-.12	75	65	+ 12	SE	2	b	1	b	75	63	*	-	
	Skudesnaes ...	30.25	75	L	0	b	30.18	-.16	74	67	+ 8	ENE	2	b	1	b	77	64	*	-	
	Sumburgh Head ...	30.10	60	SE	3	c	29.96	-.24	62	61	+ 7	ESE	3	b	4	o, c	62	53	*	-	
Stornoway ...	29.94	67	L	0	o	29.82	-.32	64	63	+ 5	L	0	ob	0	c, o	70	55	8.3	0.10		
Malin Head ...	29.85	73	SE	3	o	29.76	-.30	65	63	+ 4	SSW	1	op	2	c, ob, b	73	55	*	0.02		
Blacksod Pt. ...	29.87	62	SW	4	vm	29.82	-.18	59	58	- 2	WNW	3	rm	3	c, rm	68	59	*	0.23		
Valencia ...	29.86	64	S	2	o	29.88	-.08	60	59	+ 8	WSW	1	bep	4	op, om	73	58	3.2	0.15		
BRITISH ISLANDS.	Roche's Point ...	29.92	66	SE	2	o	29.87	-.14	62	59	- 2	NW	3	c	3	bc, o	70	58	*	-	
	Parsonstown ...	29.88	74	SSW	1	o	29.84	-.19	61	60	- 4	SW	1	or	*	c, o	82	60	6.5	0.14	
	Donaghadee ...	29.95	66	SSE	1	o	29.85	-.25	59	57	+ 2	SSE	1	o	2	o	69	56	*	0.01	
	Liverpool Obsy. ...	29.97	85	ESE	2	bc	29.87	-.22	64	60	- 4	ESE	3	oblr	2	bc	88	63	*	0.03	
	Holyhead ...	29.95	78	L	0	cm	29.85	-.22	69	64	0	S	1	op	0	com	85	62	*	0.09	
	Pembroke (St. Ann's)	29.95	67	SE	5	bc	29.89	-.14	64	63	- 5	W	3	bc	2	bc	76	60	10.3	-	
	Scilly (St. Mary's) ...	29.93	69	SE	3	c	29.88	-.11	63	61	- 4	W	4	op	2	c	74	60	12.0	-	
	Jersey (St. Aubins) ...	30.00	81	ENE	3	b	29.91	-.17	62	59	- 16	WSW	5	om	4	b	87	59	14.2	-	
	Portland Bill ...	30.04	68	E	3	b	29.87	-.22	65	63	- 3	E	3	bom	3	b	70	61	*	-	
	Dungeness ...	30.05	68	E	4	b	29.94	-.18	62	61	- 8	E	2	f	1	b	75	56	*	-	
Wick ...	30.02	58	S	4	b	29.89	-.28	60	57	+ 5	S	4	b	2	b	64	54	*	-		
Nairn ...	29.98	70	SW	1	m	29.86	-.30	72	65	+ 13	SW	2	o	1	m	72	57	*	0.04		
Aberdeen ...	30.10	64	SE	1	b	29.94	-.25	66	62	+ 8	E	1	b	1	b	76	58	5.0	-		
Leith ...	30.00	65	ENE	2	m	29.91	-.24	63	60	+ 6	L	0	o	*	m	71	56	*	-		
North Shields ...	30.07	68	ESE	4	b	29.94	-.22	67	62	+ 8	L	0	bom	2	bc, b	70	56	*	-		
Spurn Head ...	30.10	66	ESE	3	b	29.97	-.20	61	60	- 2	L	0	f	0	b	72	59	*	-		
Yarmouth ...	30.09	70	ENE	2	b	29.95	-.20	65	64	- 1	WNW	2	bef	2	b	71	60	*	-		
Loughborough ...	30.04	85	ESE	2	b	29.93	-.21	70	64	- 1	ESE	1	ew	*	b, bc, om	88	54	*	-		
Oxford ...	30.03	75	S	1	bc	29.90	-.21	68	63	- 6	E	1	o	*	bc	87	57	*	-		
London (Brixton) ...	30.06	79	E	3	b	29.92	-.22	70	67	- 2	SE	2	o	*	b	87	60	13.1	-		
GERMANY, &c.	The Scaw (Skagen) ...	30.26	76	L	0	bc	30.23	-.06	72	68	+ 1	SE	1	b	0	bc	86	71	*	-	
	Fanö ...	30.20	73	NE	6	b	30.08	-.15	72	68	+ 1	ENE	6	b	*	b	84	66	*	-	
	Cuxhaven ...	30.11	75	E	3	bc	30.05	-.11	69	67	+ 1	E	2	b	*	bc	77	63	*	-	
	The Helder ...	30.06	72	ENE	4	bc	29.95	-.20	72	68	+ 2	ESE	1	bc	1	bc	73	66	*	-	
	Brussels ...	*	*	*	*	*	29.96	-.16	71	65	0	SW	1	b	*	b	83	57	*	-	
	Berlin ...	30.06	71	NE	3	b	30.04	-.06	72	68	+ 2	E	2	c	*	b	81	66	*	-	
	Frankfurt ...	30.00	64	E	2	b	30.00	-.04	62	59	- 3	ENE	2	c	*	b	79	59	*	0.16	
	Munich ...	30.08	63	L	0	b	30.07	.00	50	55	- 3	SW	2	bc	*	b	73	54	*	0.16	
FRANCE.	C. Gris Nez ...	30.13	65	E	1	bc	30.04	-.08	71	67	+ 2	ENE	1	m	1	bc	75	61	*	-	
	Brest ...	29.94	66	NW	1	b	29.95	-.08	62	60	- 10	WNW	2	c	1	b	90	59	*	-	
	Lorient ...	29.98	81	SW	1	b	29.95	-.09	63	61	- 10	NW	4	o	4	b	91	63	*	-	
	Rochefort ...	30.02	79	NW	3	b	30.03	-.06	72	68	- 2	NW	4	c	*	b	93	68	*	-	
	Biarritz ...	30.01	79	L	0	b	30.08	+ .01	72	70	0	WNW	4	o	4	b	79	54	*	-	
	Paris ...	30.01	81	NE	1	b	29.93	-.16	68	62	- 2	ENE	1	bc	*	b	85	59	*	-	
	Belfort ...	29.93	75	N	2	c	29.95	-.08	65	59	+ 1	L	0	m	*	c	82	57	*	-	
	Lyons ...	29.95	75	L	0	bc	29.98	-.05	72	69	- 1	E	1	m	*	bc	95	64	*	-	
Nice ...	29.95	72	SW	1	o	29.97	-.02	74	67	+ 2	E	1	b	0	o	86	62	*	-		
Perpignan ...	29.41	88	S	1	b	29.95	-.06	79	61	+ 3	E	1	b	*	b	93	69	*	-		
SPAN. PEN.	Corunna ...	*	*	*	*	*	29.97	+ .05	88	66	+ 4	NNE	4	b	*	b	95	77	*	-	
	Lisbon ...	29.89	83	NNE	4	b	30.19	+ .09	72	70	- 3	NE	2	r	2	c	81	70	*	0.04	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR Sunday, 21<sup>st</sup> July, 1901.

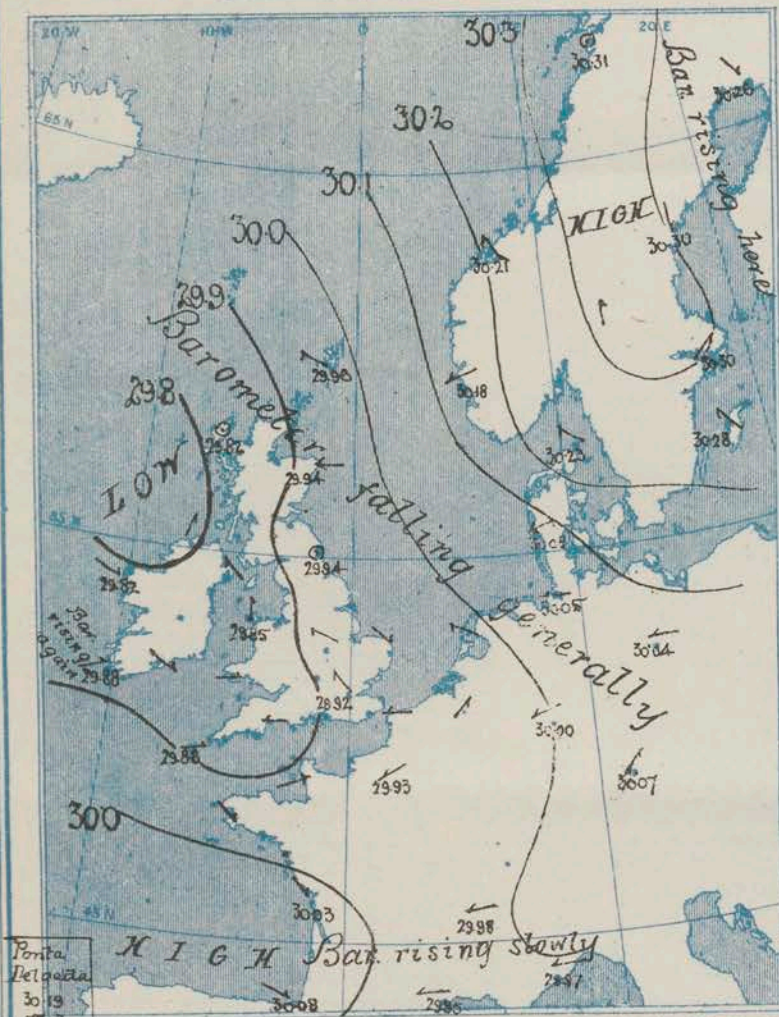
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

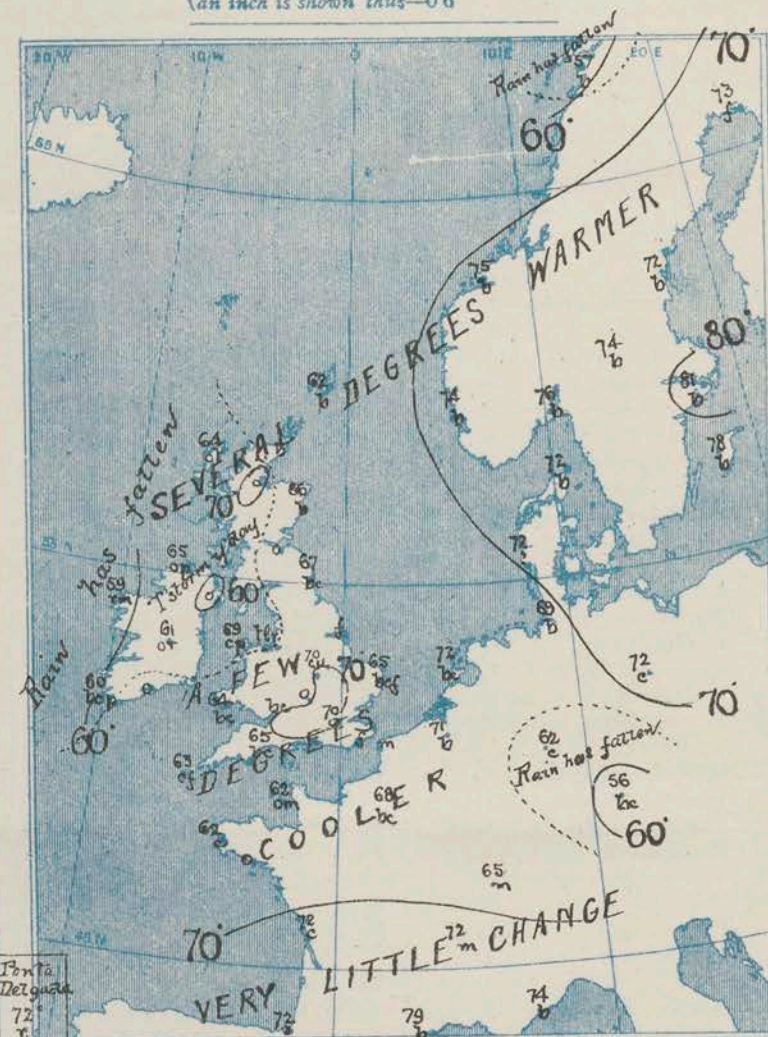


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

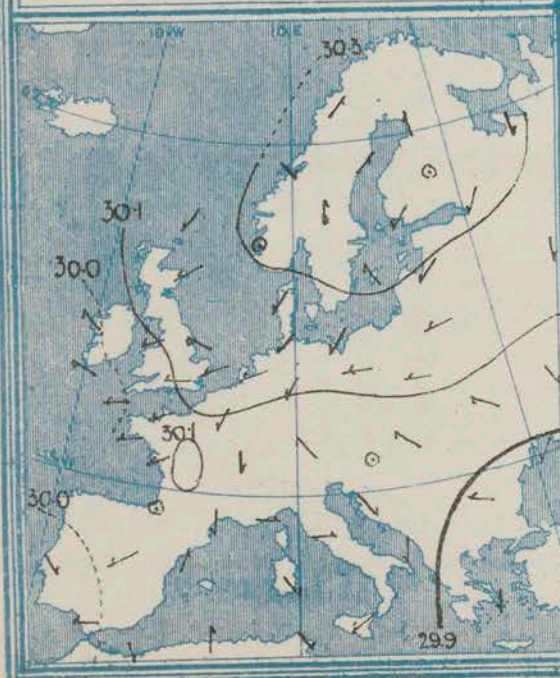
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

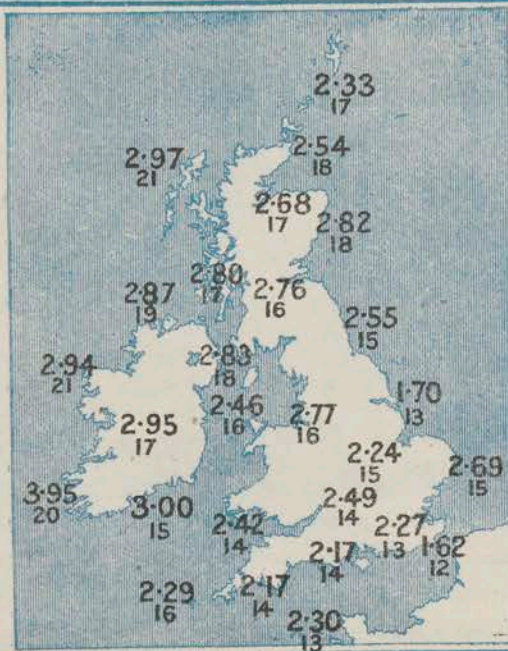
Yesterday morning.



## IV. Average RAINFALL and NUMBER OF RAIN DAYS

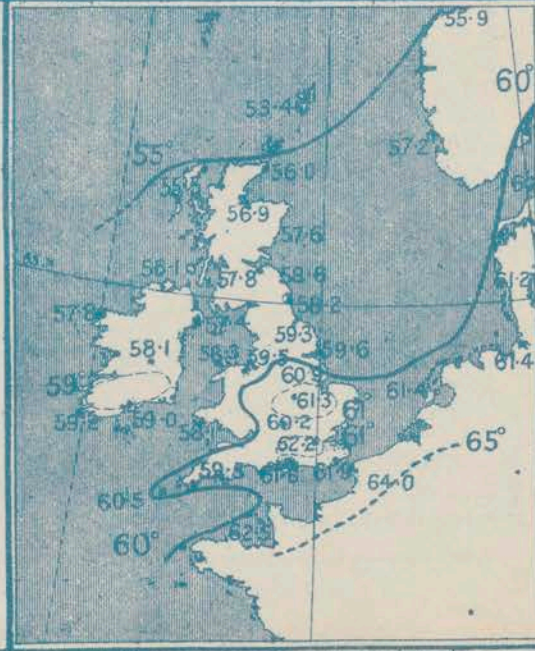
in month of JULY (1871-1900.)

Specimen { RAINFALL 2.55  
(for Shields) { RAIN DAYS 15  
Malin Head & Belmullet-Blacksod Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the Monthly period  
July (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Since yesterday the barometer has fallen in all parts of our area excepting the extreme southwest of France and over Portugal. The change has been much greater at our northern stations and over our southwest-midland counties than elsewhere, while it has been very slight over Sweden, Germany, and the southeast of France. Readings now vary from between 30.3 ins. and more and 30.2 ins. over Scandinavia, and 30.0 ins. and more over the southern part of the Bay of Biscay, and the north of Spain to 29.76 ins. at Malin Head and 29.87 ins. at Portland Bill.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is E<sup>3</sup> or SE<sup>3</sup> over Norway, the North Sea and the eastern part of Great Britain, SE<sup>3</sup> and S<sup>3</sup> on our northwest coasts, but W<sup>3</sup> to NW<sup>3</sup> in the southwest and over the Bay of Biscay. It is blowing fresh at Jersey, but a light to moderate breeze elsewhere. Temperature has risen rapidly in Scotland and the northern part of England and Ireland, fallen over the southern portions of Ireland and England and over France - considerably at Jersey. It now ranges from 88° at Lirou, 79° at Perpignan and 70° or more at several of our own stations to 59° on the extreme northwest coast of Ireland; at Stockholm also it is as high as 81°, at Nisby 78°. In our Islands the readings are still higher than the average except at Blackrod Point, and in Sweden they are very high. Weather remains fine over Scandinavia, Germany, and the south of France, but is less settled than of late over our Islands. Showers are reported at many of our western and northwestern stations, and in London the sky is overcast and looking unsettled. Thunderstorms are reported both at Stormway and Liverpool. Sea is moderate in the extreme northwest and west, slight to smooth elsewhere.

During yesterday maxima of temperature were registered as high as 81° at Nisby and Jænder, 82° at Ramnaborn, 87° in London, 88° at Loughborough, 83° at Brussels, 85° at Paris, 90° at Brest, 93° at Rochefort and Perpignan, 95° at Lirou. Some rain fell at all our northern and northwestern stations. Bright Sunshine was large over England - as much as 14.7 hrs at Hastings - much less over Scotland and Ireland.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS \*

For the 24 hours ending at NOON on 22<sup>nd</sup> JULY, 1901

### 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

### WARNINGS

NONE ISSUED

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.		Sun- shine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	f	*	b.	72	59	14.2	—
Newton Reigny (Penrith)	29.98	81	SSE 3	b	29.84	— .23	69	62	+ 1	SE 1	c	bc, g, b, l	92	62	8.5	—
Bath	30.00	78	SW 1	c	29.86	— .23	71	66	— 1	NE 2	bc	c	88	63	12.0	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	82	57	b	11.8	—	Worthing	*	*	*	13.2	*
Birmingham, 9 p.m.	86	62	b, c	12.0	—	Llandudno	90	59	c	10.5	*
Lowestoft, to 6 p.m.	69	60	bcw, b	12.5	—	Rhyl	*	*	*	*	*
Hastings	*	*	*	14.7	*	Southport	88	55	bc, c	11.5	—
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	88	53	b, c	12.0	—
Brighton	*	*	*	*	*	Darwen, 9 p.m.	83	57	c, b, c, b, m	12.5	—

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 20 <sup>th</sup>	77	63	b, b	Ins.	Algiers ... JULY 20 <sup>th</sup>	84	72	c, c	Ins.
Madrid	103	68	b, b	—	Tunis	88	64	o, c	—
Corsica (I. Sanguinaires)	90	72	m, m	—	Vienna	79	61	o, b	—
Rome	88	64	b, b	—	St. Petersburg	75	61	b, b	—
Florence	88	62	b, b	—	Lugano ... JULY 19 <sup>th</sup>	84	—	bc	Measured 7 a.m. 19 <sup>th</sup>
Trieste	75	70	b, b	—	Davos	72	—	b	—
Brindisi	83	66	b, b	—	Lucerne	82	—	b	—
Naples	84	70	b, b	—	Lausanne	81	—	b	—
Palermo	86	59	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.

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.	21 <sup>st</sup> JULY, 1901.	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 ... ..	3.56	11.59	8.2
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.9	12.6	8.3
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.41	12.18	8.55
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.47	12.47	8.48
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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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, 22<sup>nd</sup> July,

1901.

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.)										LAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 4)	Weather.	Therm.		Sun- shine. Hours	Rainfall Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		Weather.	At 22° 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 ...	30.30	68	NW	2	c	30.28	+0.2	68	63	-5	SE	2	b	*	c	77	61	*	-	
	Hernösand ...	30.25	68	Z	0	b	30.23	-0.7	73	65	+1	E	4	b	*	b	81	61	*	-	
	Stockholm ...	30.22	75	Z	0	b	30.17	-1.3	81	66	0	E	2	b	*	b	90	66	*	-	
	Wisby ...	30.20	70	ESE	4	b	30.14	-1.4	78	66	-5	NE	4	b	*	b	86	61	*	-	
	Karlstad ...	30.15	80	Z	0	b	30.14	-1.6	75	67	+1	NNE	2	b	*	b	*	*	*	-	
	Färder (X'ania Fjord)	30.14	78	N	1	b	30.07	-1.9	75	66	-1	ESE	4	b	2	b	79	73	*	-	
	Bodö ...	30.17	70	Z	0	b	30.03	-2.8	72	64	+15	E	4	bc	2	b	72	55	*	-	
	Christiansund ...	30.06	79	NE	1	b	30.06	-1.5	76	66	+1	E	2	b	1	b	84	61	*	-	
BRITISH ISLANDS.	Skudesnaes ...	30.04	68	S	4	o	29.97	-2.1	72	66	-2	SE	4	c	3	o	77	66	*	-	
	Sumburgh Head ...	29.86	60	ESE	1	o	29.85	-1.1	59	59	-3	ENE	2	f	4	b, o	65	57	*	0.25	
	Stornoway ...	29.78	62	Z	0	r	29.86	+0.4	57	57	-7	N	3	f	3	o	66	55	0.0	0.45	
	Malin Head ...	29.78	59	N	2	oqr	29.87	+1.1	56	55	-9	NW	7	q, m	5	o, f, g	65	56	*	0.15	
	Blacksod Pt. ...	29.90	58	NW	4	opm	30.11	+2.9	54	51	-5	NW	5	o	4	o, m, p	62	54	*	0.02	
	Valencia ...	30.03	60	NW	5	o	30.15	+2.7	58	51	-2	NW	4	o	5	c, o	63	55	2.8	0.02	
	Roche's Point ...	29.95	63	NW	5	c	30.07	+2.0	60	55	-2	NW	5	b	4	c	68	55	*	-	
	Parsonstown ...	29.91	62	N	1	o	30.03	+2.1	55	53	-6	N	3	o, g	*	c, o, p	69	54	3.3	0.02	
GERMANY, &c.	Donaghadee ...	29.80	59	NW	2	c	29.84	-0.1	61	59	+2	N	2	c	2	tlp, cl	65	57	*	0.08	
	Liverpool Obsy. ...	29.79	64	WSW	3	o	29.85	-0.2	59	57	-5	WSW	4	o	4	tlp, c	75	58	*	0.37	
	Holyhead ...	29.82	66	N	1	cp	29.89	+0.4	58	56	-11	N	4	o	3	cp	71	56	*	0.02	
	Pembroke (St. Ann's) ...	29.87	62	N	5	b	29.99	+1.0	57	57	-7	NW	5	c, g	4	b	67	55	9.0	-	
	Scilly (St. Mary's) ...	29.94	65	N	4	bc	30.04	+1.6	62	59	-1	NW	4	c	2	bc	68	56	6.6	-	
	Jersey (St. Aubin's) ...	29.95	67	N	5	bc	30.07	+1.6	63	59	+1	N	4	c	3	o, bc	69	60	4.0	-	
	Portland Bill ...	29.85	65	N	4	bc	29.93	+0.6	61	60	-4	NW	4	c	3	bc	69	59	*	-	
	Dungeness ...	29.83	67	N	3	c	29.85	-0.9	67	64	+5	N	4	c	3	c	71	60	*	-	
FRANCE.	Wick ...	29.80	60	S	2	b	29.83	-0.6	60	58	0	Z	0	f	1	b, tl	69	54	*	-	
	Nairn ...	29.77	64	N	2	r	29.83	-0.3	62	61	-10	E	1	f	1	r	72	58	*	0.53	
	Aberdeen ...	29.81	66	SE	1	b	29.82	-1.2	61	60	-5	NE	1	om	1	bc, b	74	58	10.7	0.05	
	Leith ...	29.77	65	WSW	1	o	29.82	-0.9	62	59	-1	SW	1	o	*	c	68	59	*	0.20	
	North Shields ...	29.77	65	ESE	1	op	29.77	-1.7	61	60	-6	NW	2	o	2	p, tr	68	58	*	0.42	
	Spurn Head ...	29.68	66	ESE	4	bo	29.75	-1.2	63	62	+2	NW	5	o	3	bc	70	60	*	0.01	
	Yarmouth ...	29.83	69	SE	3	b	29.75	-1.0	66	64	+1	NW	3	bc	2	b, l	70	60	*	-	
	Loughborough ...	29.71	81	SW	2	c	29.85	-0.8	64	59	-6	NW	4	bc, g	*	c, g, bc	86	61	*	-	
SPAN. PEN.	Oxford ...	29.80	68	WSW	3	c	29.88	-0.2	64	59	-4	NW	2	c	*	cp	85	61	*	-	
	London (Brixton) ...	29.77	80	SW	3	b	29.87	-0.5	65	62	-5	NW	3	o	*	bc, ol	88	61	8.3	-	
	The Scaw (Skagoe) ...	30.11	77	E	1	b	30.00	-2.3	71	67	-1	SE	5	b	1	b	84	70	*	-	
	Fanø ...	30.05	70	E	4	r	29.89	-1.9	67	66	-5	SE	1	r	*	tlr	86	66	*	3.43	
	Cuxhaven ...	29.95	71	E	1	o	29.86	-2.0	67	66	-2	SSE	3	o	*	tlr	79	63	*	0.43	
	The Helder ...	*	*	*	*	*	29.87	-0.9	63	61	-8	WSW	3	o	*	bc	86	61	*	0.08	
	Brussels ...	29.95	71	NE	2	c	29.93	-1.1	72	68	0	S	2	bc	*	a	86	66	*	0.39	
	Berlin ...	29.92	68	NNE	1	o	29.89	-1.1	68	63	+6	SE	1	bc	*	q	75	61	*	-	
SPAN. PEN.	Munich ...	30.04	67	SE	3	b	30.02	-0.5	69	62	+13	SW	1	b	*	b	75	56	*	-	
	C. Gris Nez ...	30.01	63	NW	2	o	30.11	+1.6	61	57	-1	N	2	o	2	o	72	59	*	-	
	Brest ...	30.00	67	NW	4	bc	30.06	+1.1	63	61	0	NW	4	o	4	bc	79	59	*	-	
	Lorient ...	30.07	71	NW	4	o	30.11	+0.8	68	62	-4	N	3	o	*	o	79	61	*	-	
	Rochefort ...	30.13	72	N	4	o	30.13	+0.5	70	66	-2	NW	3	o	2	o	73	66	*	-	
	Biarritz ...	30.13	72	N	4	o	30.13	+0.5	70	66	-2	NW	3	o	2	o	73	66	*	-	
	Paris ...	29.86	79	SSE	1	o	29.97	+0.4	64	60	-4	NW	1	l	*	o	90	60	*	0.28	
	Belfort ...	29.85	78	WSW	3	c	29.94	-0.1	67	63	+2	Z	0	o	*	c	87	62	*	0.04	
SPAN. PEN.	Lyons ...	29.92	77	NNE	1	o	30.03	+0.5	67	62	-5	N	1	o	*	o, tlw	96	63	*	0.24	
	Nice ...	29.93	73	ENE	4	bc	29.93	-0.4	72	64	-2	Z	0	bc	2	bc	84	64	*	-	
	Perpignan ...	29.91	74	N	2	l	30.02	+0.7	73	64	-6	NW	3	b	*	l	93	66	*	-	
SPAN. PEN.	Corunna ...	30.02	68	N	5	b	30.06	+0.9	71	62	-17	NW	4	b	*	b	99	66	*	-	
	Lisbon ...	30.26	73	NE	4	o	30.29	+1.0	72	66	0	NE	4	b	3	o	74	68	*	-	
SPAN. PEN.	Azores (P. Delgada) ...	30.26	73	NE	4	o	30.29	+1.0	72	66	0	NE	4	b	3	o	74	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, 22<sup>nd</sup> July, 1901.*

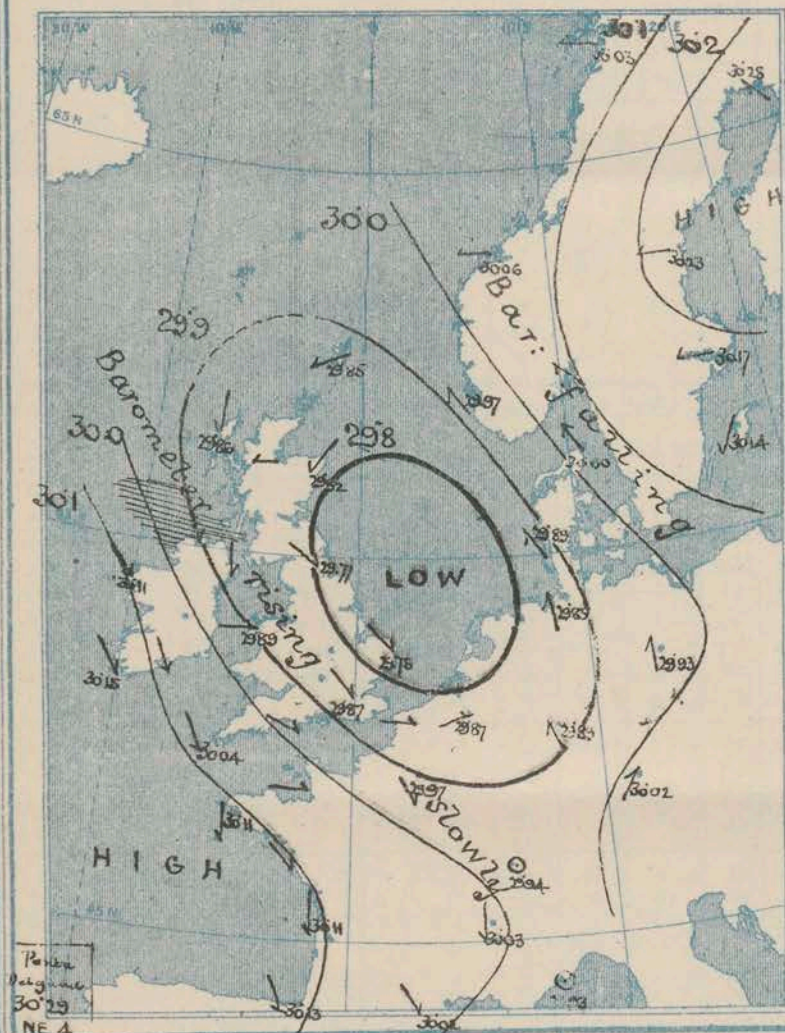
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

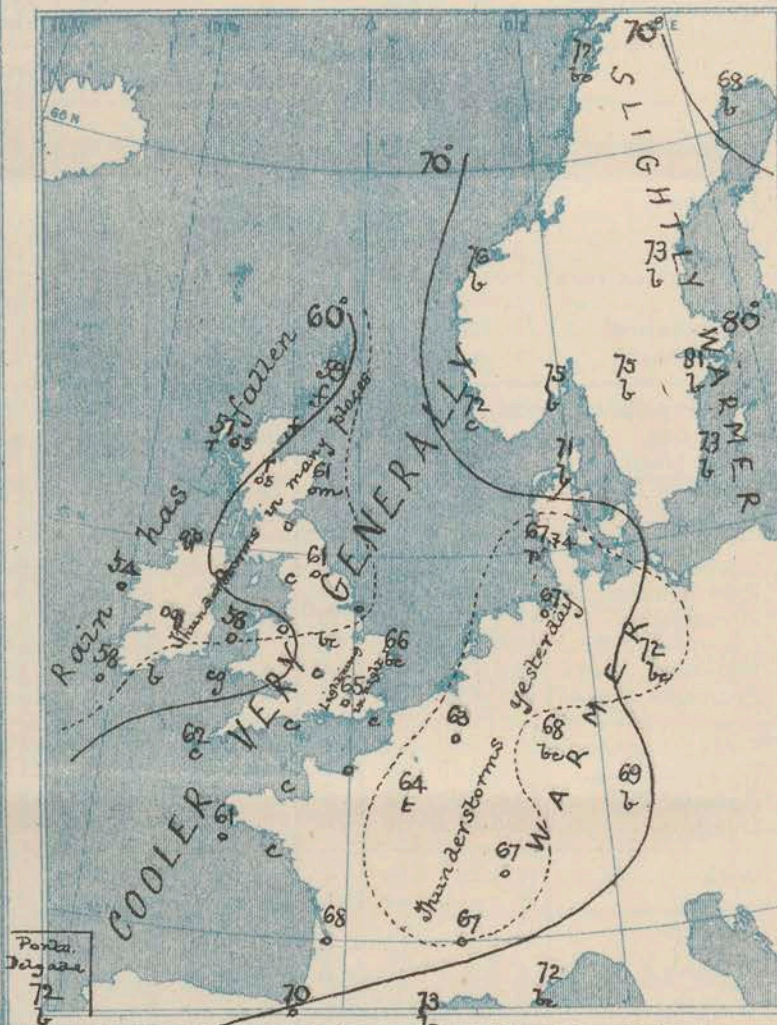


## II. TEMPERATURE AND WEATHER. This Morning.

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.*

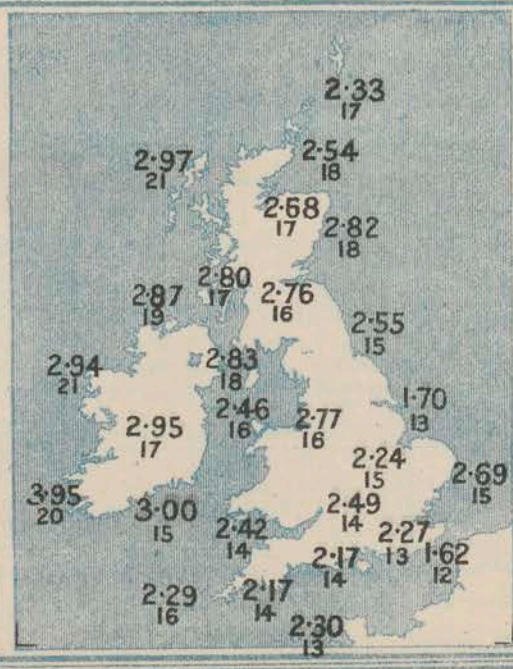


## IV. Average RAINFALL and NUMBER OF RAIN DAYS

*in month of JULY (1871-1900)*

Specimen { RAINFALL 2.55  
(for Shields) { RAIN DAYS 15

*Malin Head & Delamullet-Blacksod Values are for only 15 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Two monthly period*

*July-August (1871-1900)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

During the past day the barometer has fallen at all the eastern stations, but risen in the west, so that this morning's readings range from between 30.28 ins. and 30.0 ins. over Scandinavia, and 30.15 ins. at Valencia to less than 29.8 ins. along our northeast and east coasts. A depression of no great intensity has been developed; its centre is now off our northeast coasts and appears to be moving eastwards.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

A NW<sup>2</sup> wind, moderate to strong in force has spread over the greater part of the United Kingdom, but in Norway and Denmark SE breezes are prevalent, with little strength. Temperature continues high over Germany, and Scandinavia (but has fallen considerably in the latter) and ranges from 81° at Stockholm, 76° at Christiania, 75° at Lander, 72° at Berlin and rises to less than 60° at our western stations and 54° at Blackhead Point. In Ireland the values are below the average, in England they are about the mean, but on the eastern shores of the North Sea they are high.

The weather is cloudy over our Islands, rainy and unsettled in Scotland, thundery at Paris. In Sweden and Germany it is fine. Sea is rather rough in the extreme west and north, slight in the south.

During yesterday the maximum temperature was 90° at Stockholm, 88° in London, 90° at Paris, 86° at Brussels and Berlin. Thunderstorms occurred over many of the northern parts of the country, lightning in Sweden.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the east is passing off, the barometer is rising in the west and south, and NW<sup>1</sup> to N<sup>1</sup> winds, with fine weather are again probable in our Islands.

## FORECASTS \*

For the 24 hours ending at NOON on 23<sup>rd</sup> JULY, 1901

### DISTRICTS.

### FORECASTS.

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

NW<sup>2</sup> and N<sup>2</sup> winds, fresh at first, with some showers; falling light later, with fine weather.

NW<sup>2</sup> winds, fresh to light; some local showers, but clearing up generally. Less warm than of late.

### DISTRICTS.

### FORECASTS.

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

NW<sup>2</sup> winds, fresh to light; some local showers, but clearing up generally. Less warm than of late.

NW<sup>2</sup> and N<sup>2</sup> winds, moderate to light; fine.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shice. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	0	*	c, bcl	70	60	4.5	-
Newton Reigny (Penrith)	29.77	65	WSW 2	7	29.81	-.38	60	58	- 9	W 1	c	*	og. dr	77	52	2.3	0.81
Bath	29.81	74	N 6	bc	29.91	+0.05	69	65	- 2	W 2	c	*	bc	81	59	11.8	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m. ... ..	78	53	c, t	6.2	0.03	Worthing ... ..	*	*	*	5.1	*
Birmingham, 9 p.m. ... ..	84	61	c, o	6.6	-	Llandudno (to 6 p.m.) ...	*	*	*	4.0	*
Lowestoft, 6 p.m. ... ..	70	60	b	7.9	-	Rhyl ... .. (to 6 p.m.)	*	*	*	2.0	*
Hastings ... ..	*	*	*	10.5	*	Southport ... ..	74	61	c, w, o	0.7	0.22
Eastbourne ... .. (to 6 p.m.)	*	*	*	8.7	*	Manchester, 9 p.m. ...	*	*	*	*	*
Brighton ... ..	*	*	*	4.8	*	Darwen, 9 p.m. ...	77	60	c, t, r	1.7	1.20

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 21 <sup>st</sup>				Ins.	Algiers ... JULY 21 <sup>st</sup>				Ins.
Madrid ... ..			Information not arrived.		Tunis ... ..			Information not arrived.	
Corsica (I. Sanguinaires) ...					Vienna ... ..				
Rome ... ..					St. Petersburg ... ..				
Florence ... ..					Lugano ... JULY 20 <sup>th</sup>	84	—		Measured 7 a.m. 20 <sup>th</sup>
Trieste ... ..					Davos ... ..	68	—		—
Brindisi ... ..			arrived.		Lucerne ... ..	79	—	b	—
Naples ... ..					Lausanne ... ..	86	—	b	—
Palermo ... ..									

## 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 <sup>nd</sup> JULY, 1901.	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 ... ..	3.58	11.59	8.0
Germany, Norway, Sweden ...	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.10	12.6	8.2
France ... ..	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.43	12.18	8.53
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.48	12.47	8.46
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 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on *Tuesday 23<sup>rd</sup> July*, 1901.

1901.

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° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.			Min.				
																		Ins.			Ins.
SCANDINAVIA.	Haparanda ...	30.13	63	Z	0	6	30.04	-.24	69	60	+ 1	Z	0	6	0	0	77	57	*	-	
	Hernösand ...	30.11	68	Z	0	6	30.02	-.21	71	63	- 2	E	2	6	0	0	81	54	*	-	
	Stockholm ...	30.08	73	Z	0	6	30.02	-.15	78	67	- 3	Z	0	6	0	0	86	68	*	-	
	Wisby ...	30.08	70	SSE	4	6	30.01	-.13	76	65	+ 3	S	4	6	0	0	77	52	*	-	
	Karlstad ..	30.01	79	SE	4	6	29.97	-.17	71	64	- 4	S	4	6	0	0	77	52	*	-	
	Færder (X'ania Fjord)	29.93	79	ESE	3	6	29.91	-.16	71	64	- 4	SSE	1	6	0	0	79	70	*	-	
	Bodö ...	30.03	65	Z	0	6	29.86	-.17	73	65	+ 1	E	2	6	0	0	73	54	*	-	
	Christiansund ...	29.95	71	NE	2	6	29.75	-.31	78	64	+ 2	SSW	2	6	0	0	79	61	*	-	
	Skudesnaes ...	29.92	72	NNW	2	0	29.81	-.16	64	63	- 8	SSE	6	6	0	0	77	63	*	-	
	Sumburgh Head	29.83	63	ENE	1	6	29.62	-.23	56	56	- 3	W	2	6	0	0	65	56	*	0.04	
BRITISH ISLANDS.	Stornoway ...	29.91	55	N	5	0	29.76	-.10	53	53	- 4	Z	0	6	0	0	69	52	0.0	0.43	
	Malin Head	29.95	55	NW	6	0	29.80	-.07	55	52	- 1	W	1	6	0	0	66	52	*	-	
	Blacksod Pt.	30.09	56	NW	3	0	29.80	-.31	56	55	+ 2	SSW	4	6	0	0	67	45	*	-	
	Valencia...	30.14	58	WNW	3	0	29.87	-.28	59	59	+ 1	SW	2	6	0	0	63	54	1.4	0.09	
	Roche's Point ...	30.08	60	NNW	2	0	29.89	-.18	58	57	- 2	S	3	6	0	0	65	52	*	0.12	
	Parsonstown ...	30.06	58	NW	1	0	29.86	-.19	55	53	0	SE	1	6	0	0	59	51	0.3	-	
	Donaghadee ...	29.92	58	NNW	3	0	29.83	-.01	55	52	- 6	WNW	2	6	0	0	61	52	*	0.02	
	Liverpool Obsy.	29.85	58	W	4	0	29.86	+ .01	55	52	- 4	W	3	6	0	0	64	55	*	-	
	Holyhead ...	29.92	57	NW	5	0	29.87	-.02	59	55	+ 1	W	2	6	0	0	62	53	*	0.03	
	Pembroke (St. Ann's)	30.02	58	NW	5	0	29.93	-.06	56	55	- 1	WNW	3	6	0	0	59	53	1.1	-	
GERMANY, &c.	Scilly (St. Mary's)...	30.09	62	WNW	5	0	29.96	-.08	60	58	- 2	WSW	3	6	0	0	68	57	6.2	-	
	Jersey (St. Aubins)...	30.03	62	W	5	0	29.98	-.09	60	56	- 3	WNW	3	6	0	0	67	58	8.3	0.03	
	Portland Bill ...	29.95	60	WNW	5	0	29.92	-.01	57	56	- 4	WNW	4	6	0	0	65	56	*	-	
	Dungeness ...	29.86	65	W	5	0	29.86	+ .01	64	60	- 3	NW	3	6	0	0	73	55	*	-	
	Wick ...	29.84	59	N	3	0	29.70	-.13	57	55	- 3	N	4	6	0	0	64	54	*	-	
	Nairn ...	29.83	67	E	1	0	29.71	-.12	60	58	- 2	WSW	1	6	0	0	75	57	*	0.01	
	Aberdeen ...	29.82	61	NE	1	0	29.73	-.09	59	58	- 2	N	1	6	0	0	71	58	2.2	-	
	Leith ...	29.79	70	SSW	1	0	29.74	-.08	62	59	0	WSW	4	6	0	0	74	57	*	0.07	
	North Shields ...	29.79	61	N	3	0	29.76	-.01	60	58	- 1	W	3	6	0	0	63	58	*	0.28	
	Spurn Head ...	29.76	62	W	5	0	29.78	+ .03	60	60	- 3	W	4	6	0	0	65	59	*	0.14	
FRANCE.	Yarmouth ...	29.79	67	ENE	2	0	29.80	+ .05	64	60	- 2	WSW	2	6	0	0	72	56	*	-	
	Loughborough ...	29.83	72	WNW	2	0	29.84	-.01	58	56	- 6	WNW	3	6	0	0	73	56	*	0.53	
	Oxford ...	29.87	63	W	3	0	29.86	-.02	59	55	- 5	W	2	6	0	0	72	56	*	-	
	London (Brixton)	29.84	70	WNW	4	0	29.87	.00	59	57	- 6	WNW	3	6	0	0	74	54	2.5	-	
	The Scaw (Skagen)	29.93	72	S	2	0	29.91	-.09	70	66	- 1	S	2	6	0	0	82	68	*	0.04	
	Fanö ...	29.87	67	ESE	2	0	29.87	-.02	67	55	0	S	1	6	0	0	79	64	*	-	
	Cuxhaven ...	29.85	71	WNW	1	0	29.87	+ .02	66	64	- 1	Z	0	6	0	0	75	61	*	-	
	The Helder ...	29.83	66	WSW	2	0	29.84		67	64		SW	2	6	0	0	76	55	*	-	
	Brussels...	*	*	*	*	*	29.89	+ .02	63	58	0	SW	2	6	0	0	76	56	*	-	
	Berlin ...	29.87	79	ESE	2	0	29.80	-.13	73	67	+ 1	Z	0	6	0	0	88	68	*	-	
SPAN. PEN.	Frankfurt ...	29.91	69	SW	2	0	29.87	-.02	64	60	- 4	SW	2	6	0	0	81	63	*	-	
	Munich ...	30.04	64	SW	2	0	29.95	-.07	63	60	- 6	SW	3	6	0	0	81	57	*	0.12	
	C. Gris Nez ...	29.90	62	WSW	4	0	29.89	+ .04	62	60	- 1	W	3	6	0	0	73	59	*	-	
	Brest ...	30.12	63	NW	2	0	30.08	-.03	59	57	- 2	NW	2	6	0	0	68	57	*	-	
	Lorient ...	30.08	68	NW	4	0	30.06	.00	59	53	- 4	NW	4	6	0	0	72	57	*	-	
	Rochefort ...	30.11	70	WNW	4	0	30.11	.00	64	57	- 4	N	3	6	0	0	75	59	*	-	
	Biarritz ...	30.16	70	WNW	4	0	30.14	+ .01	67	61	- 3	WNW	4	6	0	0	73	64	*	-	
	Paris ...	29.95	68	WNW	2	0	29.95	-.02	61	56	- 3	SW	1	6	0	0	77	52	*	-	
	Belfort ...	29.91	68	WSW	3	0	29.87	-.07	65	61	- 2	W	2	6	0	0	78	57	*	0.08	
	Lyons ...	29.98	72	NW	1	0	29.98	-.05	62	53	- 5	NW	2	6	0	0	79	60	*	-	
Nice ...	29.88	73	Z	0	0	29.80	-.13	68	66	- 4	Z	0	6	0	0	84	66	*	0.04		
Perpignan ...	29.99	73	NW	3	0	30.01	-.01	68	61	- 5	NW	2	6	0	0	83	66	*	-		
SPAN. PEN.	Corunna ...																				
	Lisbon ...	30.04	65	NW	4	0	29.95	-.11	68	61	- 3	N	5	6	0	0	82	61	*	-	
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, 23<sup>rd</sup> July, 1901.*

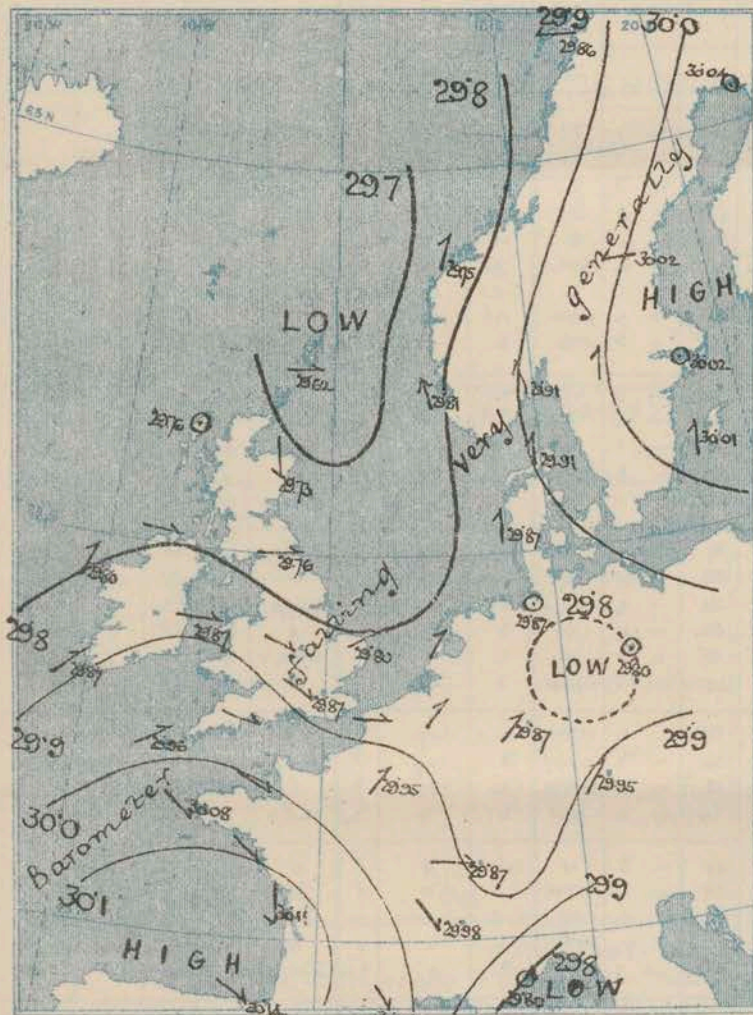
## I. BAROMETER, WIND AND SEA. This Morning.

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 ■

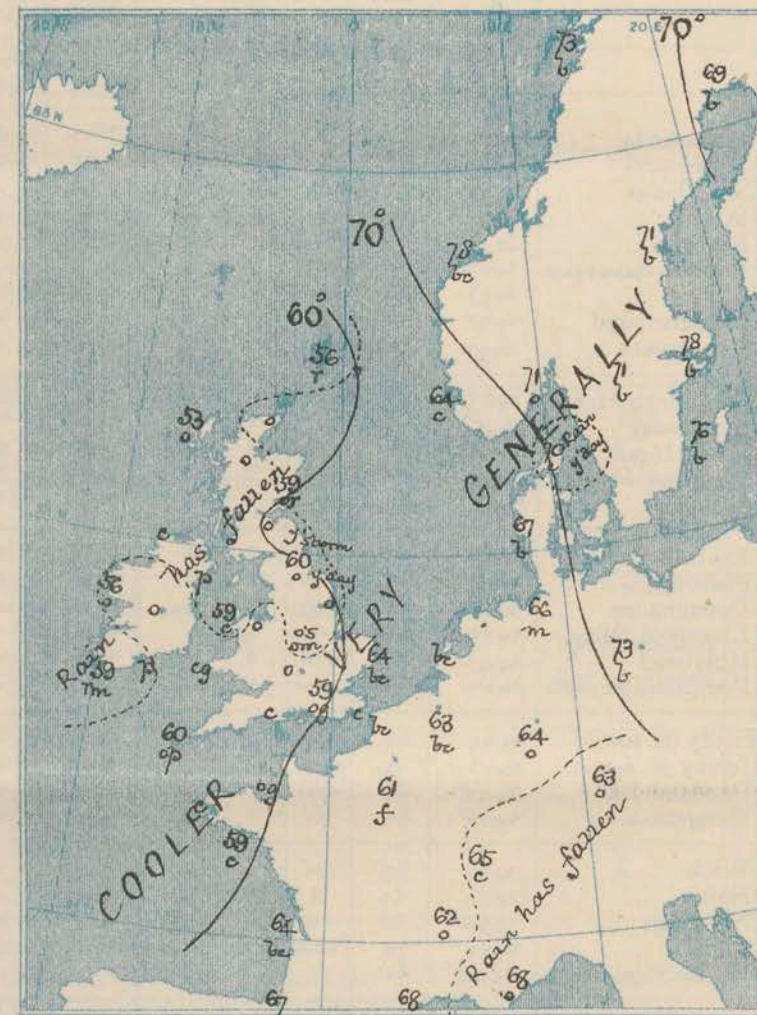


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

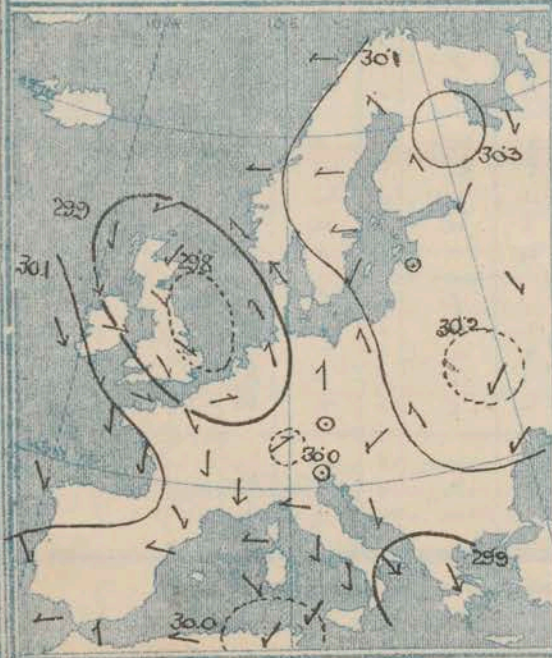
WEATHER.—Shown by Letters of the Beaufort Scale. (See P 4)

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.*

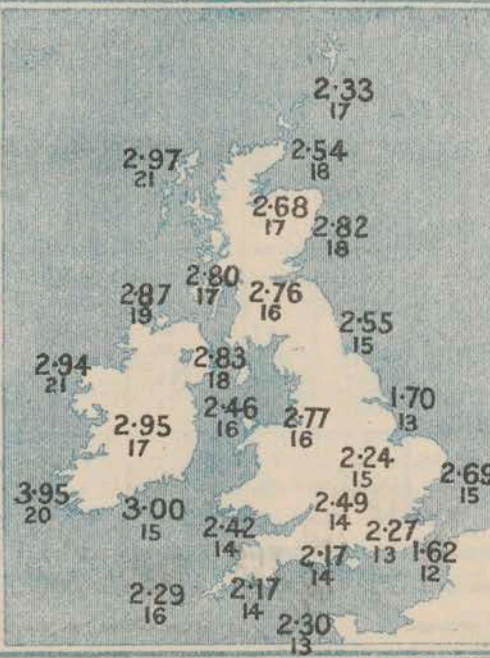


## IV. Average RAINFALL and NUMBER OF RAIN DAYS

in month of JULY (1871-1900)

Specimen (RAINFALL 2.55 RAIN DAYS 15)

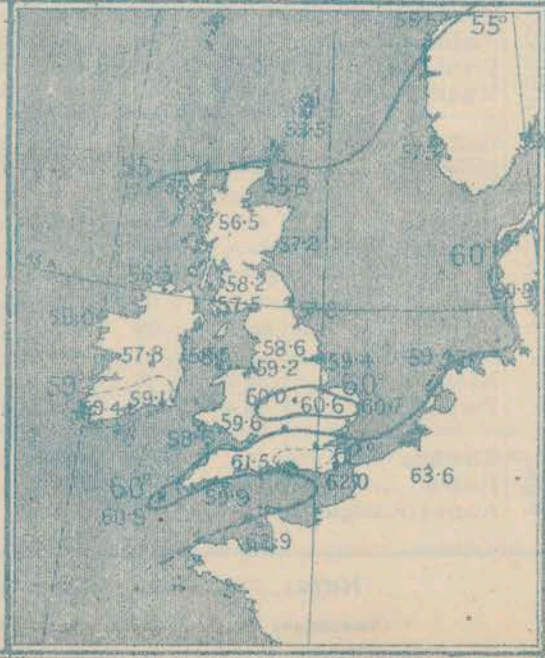
(for Shields) Malin Head & Belmullet-Blacksod. Values are for only 15 Yrs



## V. Means of DAILY TEMPERATURE

at 8 am. for the Two monthly period

July-August (1871-1900.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

During the past day the barometer has been falling considerably over our area, except in the southwest of France, but not steadily. The distribution of pressure has become complex. There is a shallow depression over Germany, another over the North Sea, and a third is apparently advancing towards our northwest coast. Readings range from 30.1 inches and more over the Bay of Biscay, and from 30.0 inches and more over the Bay of Biscay, and from 29.62 inches and more over Sweden to 29.62 inches at Hamburg Head.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind has accordingly become very variable: it is S.W. over Scandinavia N.W. to N.E. and S.W. over Great Britain, S.W. in Ireland, N.W. over the southern half of France. Temperature has fallen irregularly and ranges from 78° at Stockholm and Christiansund, 73° at Berlin and 67° at Biarritz to 56° at Penzance, 53° at Stromway. Its distribution is not regular, and over England the readings are rather below the average. Weather is cloudy almost everywhere, and showers prevail in many places, especially in the southwest. Sea is moderate in the extreme north and west, slight elsewhere.

During yesterday the maximum temperatures in our Islands ranged from 70° to 75° in many parts of Great Britain but touched 86° at Stockholm, 88° at Baylis, 84° at Nice. Showers fell sporadically in our Islands and France (0.53 inch at Loughborough) and thunder and lightning occurred in a few eastern localities. Bright Sunshine yesterday amounted to 8.3 hours at Jersey and Eastbourne, 7.3 hours at Hastings, but the amounts were much smaller elsewhere;—at Stromway there was none.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The various shallow depressions over and approaching our area are likely to cause unsettled showery weather, with thunderstorms in some places. Temporary bright intervals are probable.

## FORECASTS \*

For the 24 hours ending at NOON on JULY 24<sup>TH</sup> 1901

### DISTRICTS.

### FORECASTS.

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

Varying Northwesterly to South-westerly winds; much less fair than of late, occasionally rain, some thunder.

### DISTRICTS.

### FORECASTS.

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

Varying Northwesterly to South-westerly winds; much less fair than of late, occasionally rain, some thunder.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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 Telegraphy, see next page.



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 8 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.			
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer. Ins. Change.	Temperature. Dry. Wet. Change.			Wind.	Weather.	Sea.	Weather.	Temperature. Max. Min.	Sun- shine. Hrs.	Rainfall Ins.
Clacton-on Sea	*	*	*	*	*	*	*	*	*	bc	*	o, c	74 56	2.7	—
Newton Reigay (Penrith)	29.81	68	nnw 1	o	29.79	— .02	56	55	— 4	sw 3	c	c, om	69 54	2.3	—
Bath	29.97	57	w 4	c	29.88	— .03	59	57	?	w 1	o	c	68 58	0.8	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	75	59	o	0.2	0.05	Worthing	*	*	*	3.7	*
Birmingham, 9 p.m.	67	58	o, c, o	0.6	—	Llandudno (to 6pm)	*	*	*	0.6	*
Lowestoft, 6 p.m.	72	60	o, c	1.6	—	Rhyl (to 6pm)	*	*	*	3.0	*
Hastings	*	*	*	7.3	*	Southport	67	58	o, c, o	5.2	—
Eastbourne (to 6pm)	*	*	*	8.3	*	Manchester, 9 p.m.	66	60	o, or	0.2	0.01
Brighton	*	*	*	3.3	*	Darwen, 9 p.m.	65	55	br, om	0.7	0.01

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 22 <sup>nd</sup>	—	—	—	Ins.	Algiers ... JULY 22 <sup>nd</sup>	88	73	c, b	Ins.
Madrid	—	—	—	—	Tunis	90	64	bc, bc	—
Corsica (I. Sanguinaires)	90	68	m, m	—	Vienna	82	64	bc, b	—
Rome	89	72	o, b	—	St. Petersburg	79	59	r, c	0.04
Florence	88	67	b, b	—	Lugano ... JULY 21 <sup>st</sup>	1pm	—	Information	measured 7 a.m. 21 <sup>st</sup>
Trieste	88	72	b, b	—	Davos	—	—	not arrived	—
Brindisi	84	64	b, b	—	Lucerne	—	—	—	—
Naples	84	70	b, c	—	Lausanne	—	—	—	—
Palermo	86	62	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, 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 <sup>rd</sup> JULY, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.0	11.59	7.58
Greenwich	4.12	12.6	8.0
Wick	3.45	12.18	8.51
Valencia	4.50	12.47	8.44

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

Wednesday, 24<sup>th</sup> July,

1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)						THIS MORNING. (See note on last page.)										PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		TEMP.		WIND.		WIND.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		At 82° 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.	Sea (0 to 9.)	Weather.	Max.	Min.	Sun- shine Hours	Rainfall. Ins.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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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, 24<sup>th</sup> July, 1901.*

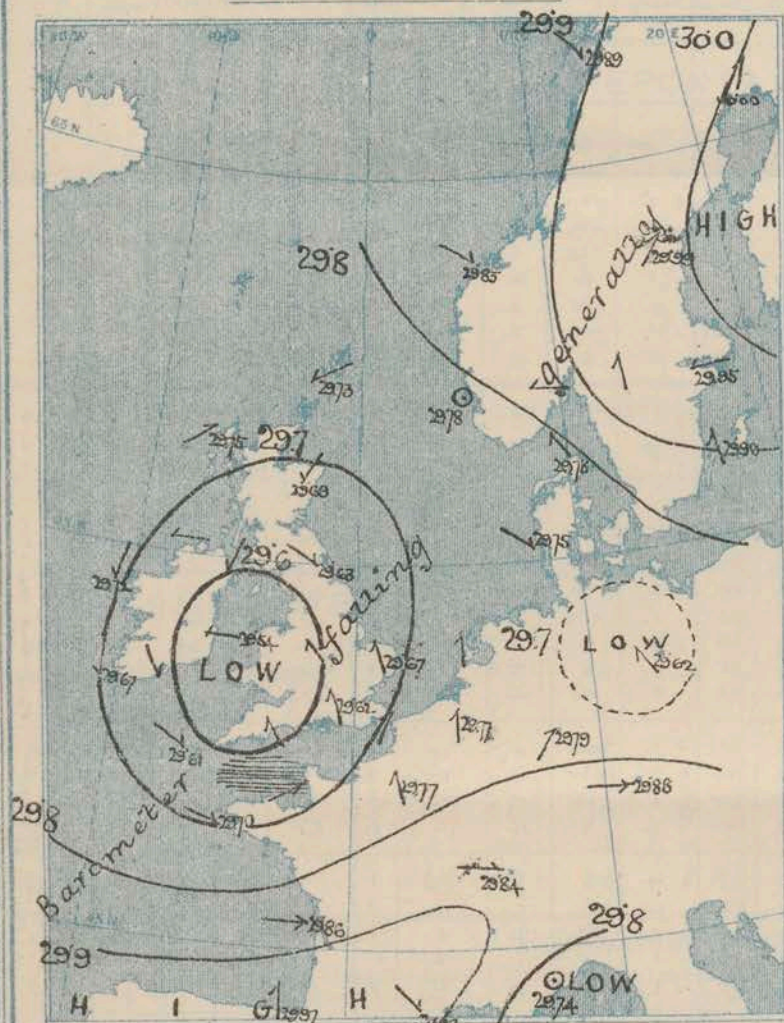
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

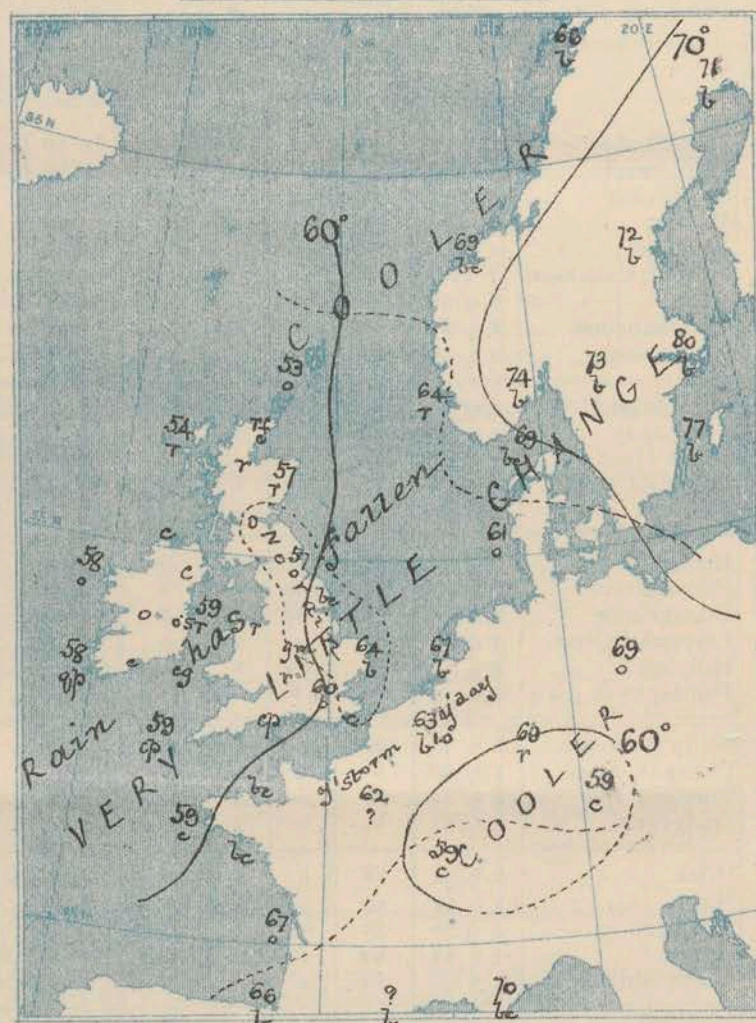


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

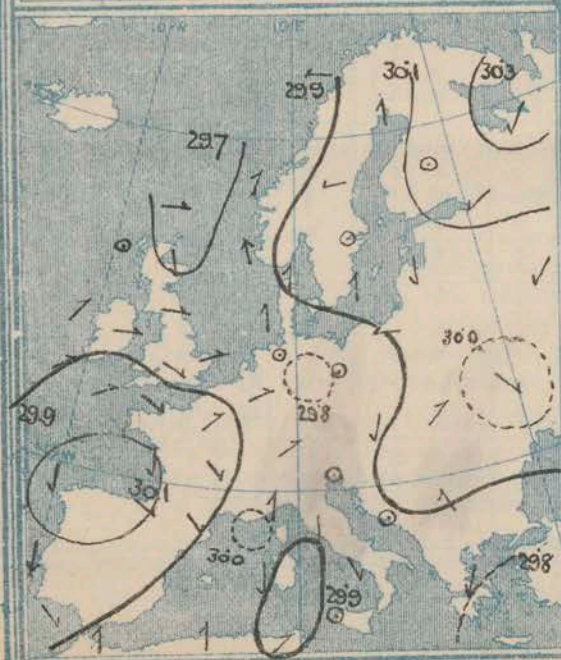
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4)

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.*

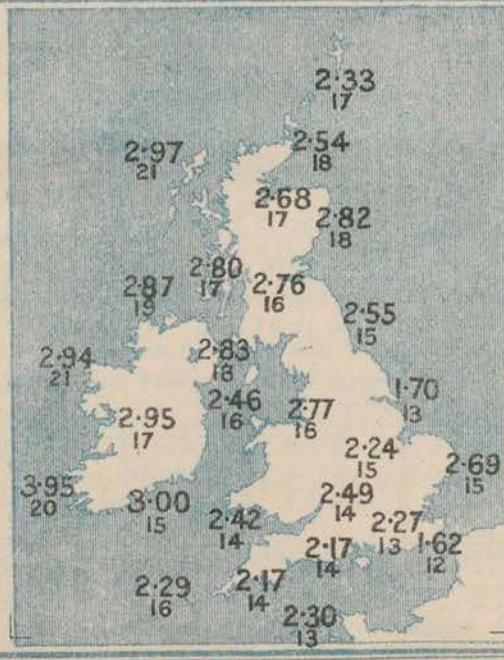


## IV. Average RAINFALL and NUMBER OF RAIN DAYS

in month of JULY (1871-1900)

Specimen (RAINFALL 2.55  
(for Shields) RAIN DAYS 15

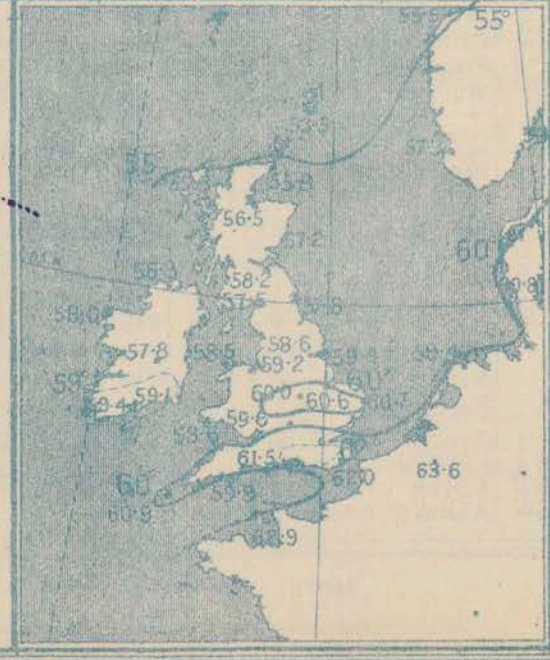
*Malin Head & Belmullet-Blackrod Values are for only 15 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Two monthly period*

*July-August (1871-1900)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

During the past day pressure has decreased over nearly the whole of our area, and the centre of a new shallow depression has advanced to Wales and the coast of England from the northward. Readings now range from 30.0 in. and more over Finland and 29.9 in. at Biarritz to 29.54 in. at Holyhead, and to 29.62 in. at Berlin.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is NE<sup>2</sup> in the northeast of Scotland, E<sup>2</sup> over the Irish Sea, N<sup>2</sup> in Ireland, W over the northwest of France, the English Channel and the south of England, but is strong at Jersey only. Temperature is falling unsteadily in our Islands, but remains high in Sweden; readings today range from 80° at Stockholm and 77° at Narvik to 70° at Nice and 69° at Berlin to 59° over England generally, 53° at Newbury and Wick. In our Islands it is, as a whole, rather below the average. The weather is cloudy and showery though temporarily clear in the far east. Sea is slight in the east, moderate elsewhere. During yesterday the maximum temperature in our Islands was 69° at Dungannon, but below 60° in the Shetlands, Hebrides, and at Blackhead Point. It touched 86° at Stockholm, Porto, and Berlin and 81° at Nice. Thunderstorms have occurred at Paris and Brussels. Rain has fallen in measurable quantity over our Islands except on our northeast coasts. The amount of Bright Sunshine has varied very much in different localities. At Harrogate, Gillingham-on-Sea, and Rhyl the amount has exceeded 8 hours, but at several stations there was none.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The present condition of the weather is showery and unsettled, and there is no indication of permanent improvement, for at Stromsøya the wind has backed quickly to southwest again (after being Northeasterly).

## FORECASTS \*

For the 24 hours ending at NOON on 25<sup>th</sup> JULY, 1901

### DISTRICTS.

### FORECASTS.

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

E<sup>2</sup> and NE<sup>2</sup> winds, then shifting to SW. again; very changeable and rainy.

Very Variable winds; rain at times, bright intervals, some thunder locally.

### DISTRICTS.

### FORECASTS.

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

Very Variable winds; rain at times, bright intervals, some thunder locally.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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.c	69	59	7.0	-
Newton Reigny (Penrith)	29.71	60	23.0	c	29.63	- 16	53	52	- 3	SSW 1	†	"	c	64	50	3.0	0.10
Bath	29.78	64	W 2	c	29.53	- 4.5	61	58	+ 2	E 1	0	"	c	70	59	4.6	0.01

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	70	61	b	9.0	-	Worthing	*	*	*	4.5	*
Birmingham, 9 p.m.	69	55	o.c	3.7	-	Llandudno (to 6 p.m.)	*	*	*	6.3	*
Lowestoft, 6 p.m.	70	55	c.o	6.3	-	Rhyl ... (to 6 p.m.)	*	*	*	8.0	*
Hastings	*	*	*	8.0	*	Southport	63	56	o.c.o	5.2	-
Eastbourne ... (to 6 p.m.)	*	*	*	3.8	*	Manchester, 9 p.m.	70	56	o.bc.o	3.7	-
Brighton ... (to 6 p.m.)	*	*	*	2.5	*	Darwen, 9 p.m.	65	52	om.bc.ow	4.0	-

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 23 <sup>rd</sup>	-	-	-	Ins.	Algiers ... JULY 23 <sup>rd</sup>	93	70	c, o	Ins.
Madrid	-	-	-	-	Tunis	95	68	c, c	-
Corsica (I. Sanguinaires)	90	68	m, m	-	Vienna	84	63	o, c	-
Rome	88	70	b, b	-	St. Petersburg	75	61	b, b	-
Florence	85	66	c, o	-	Lugano ... JULY 22 <sup>nd</sup>	73	-	o	Measured no 7 a.m. 22 <sup>nd</sup>
Trieste	88	73	b, b	-	Davos	54	-	c	-
Brindisi	84	62	b, b	-	Lucerne	75	-	o	0.04
Naples	83	70	b, b	-	Lausanne	77	-	bc	0.32
Palermo	89	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.

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.	24 <sup>th</sup> JULY 1901.	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 ... ..	4.2	11.59	7.56
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.13	12.6	7.59
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.47	12.18	8.49
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.52	12.47	8.42
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 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on Thursday 25<sup>th</sup> July, 1901.

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.					
		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.	Sun- shine. Hours	Rainfall. Ins.	
																						Ins.
SCANDINAVIA.		Haparanda ...	30.02	70	Z	0	b	30.08	+0.08	75	66	+4	Z	0	b	*	b	75	63	*	-	
		Hernösand ...	30.01	66	Z	0	b	30.10	+0.11	71	65	-1	S	4	b	*	b	77	61	*	-	
		Stockholm ...	30.00	72	E	2	b	30.02	+0.07	78	68	-2	E	4	b	*	b	84	68	*	-	
		Wisby ...	29.92	73	SE	4	b	29.97	+0.07	76	64	-1	S	4	b	*	b	84	61	*	-	
		Karlstad ...	29.91	77	E	4	b	29.97	+0.05	74	66	+1	E	4	b	*	b	*	*	*	-	
		Færder (X'ania Fjord)	29.81	77	E	2	b	29.87	+0.02	75	67	+1	ENE	4	b	2	b	77	70	*	-	
		Bodö ...	29.89	71	E	2	b	29.95	+0.06	74	65	+8	Z	0	b	0	b	74	61	*	-	
		Christiansund ...	29.88	66	N	1	b	29.92	+0.07	63	62	-4	E	3	b	2	b	73	59	*	0.04	
		Skudesnaes ...	29.80	66	NNE	2	o	29.76	-0.02	69	61	+5	E	2	c	2	r, o	69	59	*	*	
		BRITISH ISLANDS.		Sumburgh Head	29.75	53	NE	4	f	29.78	+0.05	54	54	+1	NE	4	r	5	r, f	57	51	*
Stornoway ...	29.85			54	NNE	5	o	29.91	+0.16	51	51	-3	NE	5	o	5	r, o	55	50	0.0	0.20	
Malin Head ...	29.74			56	N	6	apgm	29.84	+0.16	55	52	-1	N	6	apq	5	o, pgm	58	54	*	-	
Blacksod Pt. ...	29.89			59	N	5	c	29.99	+0.27	55	51	-3	N	4	o	4	b, c	60	54	*	0.01	
Valencia ...	29.88			60	NNW	7	cq	29.98	+0.31	57	51	-1	NNW	6	bog	5	c, eq	63	53	3.1	0.01	
Roche's Point ...	29.74			62	NNE	5	o	29.86	+0.22	57	53	-2	N	6	o	4	c, o	66	54	*	-	
Parsonstown ...	29.76			58	NW	1	r	29.87	+0.25	56	53	-2	NW	2	o		o, r	62	54	0.0	-	
Donaghadee ...	29.68			58	NNW	4	o	29.76	+0.12	55	54	+1	N	5	cw	4	o, p	60	53	*	0.20	
Liverpool Obsy.	29.57			60	WNW	1	r	29.65	+0.09	60	58	+3	N	1	o	2	r	61	54	*	0.80	
Holyhead ...	29.60			57	N	4	rgm	29.70	+0.16	57	55	-2	N	4	op	3	rgm	60	55	*	0.28	
GERMANY, &c.		Pembroke (St. Ann's)	29.55	56	N	5	r	29.73	+0.18	56	55	0	N	6	ogq	5	o, r	60	55	0.9	0.54	
		Scilly (St. Mary's)...	29.60	60	NW	4	op	29.75	+0.14	59	58	0	NNW	7	o	4	o, op	62	57	5.3	0.51	
		Jersey (St. Aubins)...	29.61	62	WSW	5	cq	29.62	+0.03	63	59	+1	NW	3	b, c	3	cq, p	64	58	8.4	0.13	
		Portland Bill ...	29.55	60	W	4	b, c	29.61	+0.06	60	58	0	WNW	1	b, c	2	b, c	65	56	*	0.03	
		Dungeness ...	29.56	61	WSW	4	b, c	29.60	-0.06	59	58	-3	WSW	1	cp	2	r, b, c	65	54	*	0.12	
		Wick ...	29.78	55	N	3	o	29.78	+0.04	55	54	+2	N	3	r, f	2	o	57	52	*	0.12	
		Nairn ...	29.79	55	NE	2	r	29.80	+0.10	55	55	-1	WNW	2	r	1	r	59	52	*	0.50	
		Aberdeen ...	29.76	57	N	2	og	29.70	+0.01	56	56	-1	NW	1	r	1	r, og	59	54	0.0	0.74	
		Leith ...	29.69	60	ESE	1	r	29.71	+0.06	59	56	0	NE	1	o	*	r	64	56	*	0.16	
		North Shields ...	29.64	63	NE	2	c	29.65	+0.02	58	58	+1	N	3	o, d	3	c	66	56	*	-	
FRANCE.		Spurn Head ...	29.60	61	ESE	4	r	29.60	-0.03	59	59	-5	NNE	4	r	3	r	68	58	*	0.15	
		Yarmouth ...	29.59	62	SE	4	r	29.57	-0.10	61	59	-3	S	3	c	3	c, r, m	66	58	*	0.28	
		Loughborough ...	29.54	60	ESE	2	rm	29.61	+0.01	56	56	-3	N	2	omr	*	gmr, p, r	61	55	*	0.85	
		Oxford ...	29.52	58	WSW	2	c	29.58	0.00	56	55	-2	S	1	o	*	o, b, r	63	54	*	1.56	
		London (Brixton) ...	29.50	67	SSW	4	b, c	29.58	-0.04	60	58	0	W	2	b, r	*	o, r, b	69	54	2.0	0.27	
		The Scaw (Skagen) ...	29.76	71	W	1	b, c	29.79	+0.01	71	67	+2	SE	3	b	1	b, c	79	68	*	-	
		Fanö ...	29.64	67	E	6	o	29.63	-0.12	67	64	+6	E	5	c	*	o, r	72	61	*	0.08	
		Cuxhaven ...														*						
		The Helder ...	29.66	66	NE	2	b	29.62	-0.11	65	62	-2	SSW	1	c	1	b	72	61	*	0.04	
		Brussels ...	*	*	*	*	*	29.68	-0.09	60	57	-3	SSW	3	o	*	b, c	73	53	*	0.08	
SPAN. PEN.		Berlin ...	29.67	62	SW	5	o	29.87	+0.19	62	60	-7	SSE	1	o	*	o	77	59	*	0.39	
		Munich ...	29.73	63	SW	2	b, c	29.76	-0.03	67	61	+7	SW	4	b, c	*	b, c	73	60	*	0.04	
		Paris ...	29.62	70	S	3	?	29.69	-0.08	58	57	-4	S	2	f	*	b, c	71	56	*	0.32	
		Belfort ...	29.73	66	WSW	3	o	29.82	-0.02	58	55	-1	WSW	3	o	*	o	77	56	*	0.28	
		Lyons ...	29.78	68	SW	1	o	29.87	-0.05	66	56	+4	SW	2	b, c	*	o	82	61	*	-	
		Nice ...	29.80	72	NE	1	b	29.85	+0.11	70	60	0	E	1	b	*	b	82	61	*	2.36	
		Perpignan ...	29.79	79	Z	0	c	29.93	0.00	59	58	0	SW	1	r	*	c	87	59	*	0.16	
		Corunna ...														*						
		Lisbon ...	29.93	62	N	6	b	29.94	+0.05	65	58	-2	N	5	b	*	b	99	61	*	-	
		Azores (P. Delgada)	30.30	70	NE	3	o	30.30	+0.05	70	66	0	NE	2	o	2	o	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 *Thursday, 25<sup>th</sup> July, 1901.*

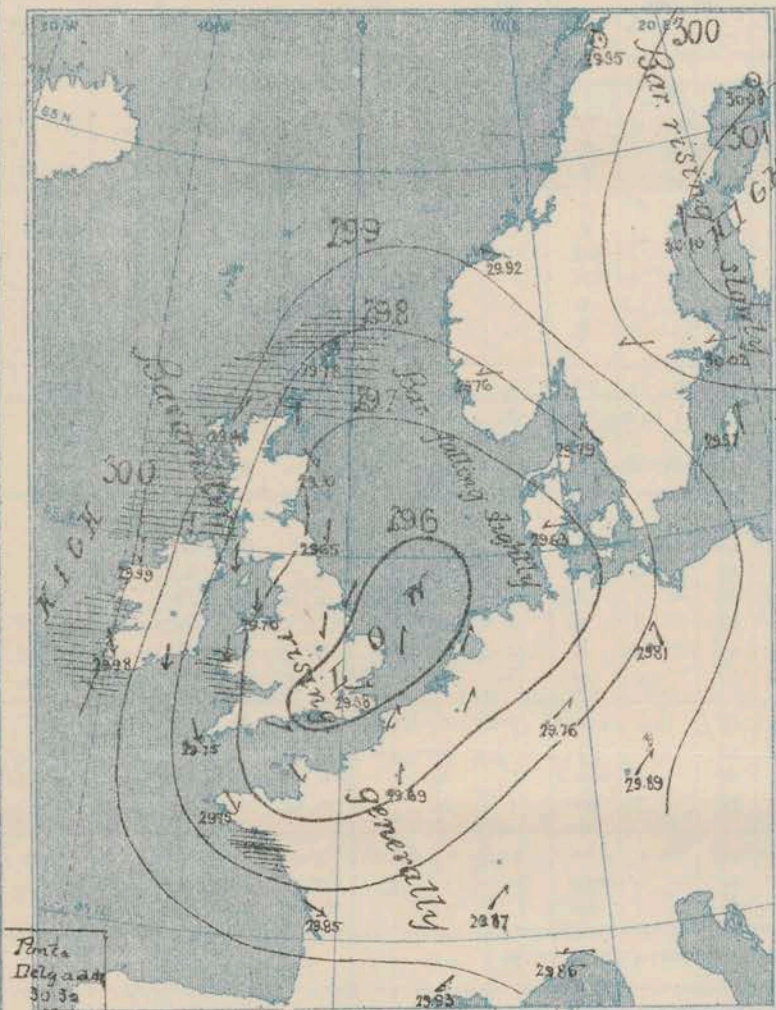
## I. BAROMETER, WIND AND SEA. This Morning.

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 

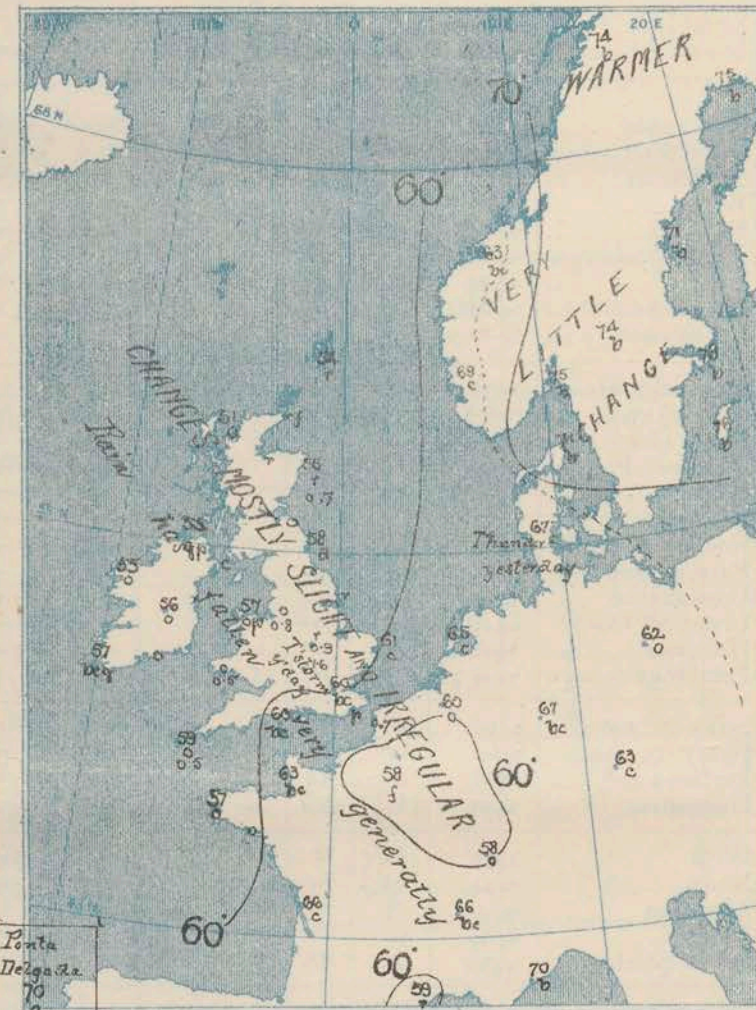


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

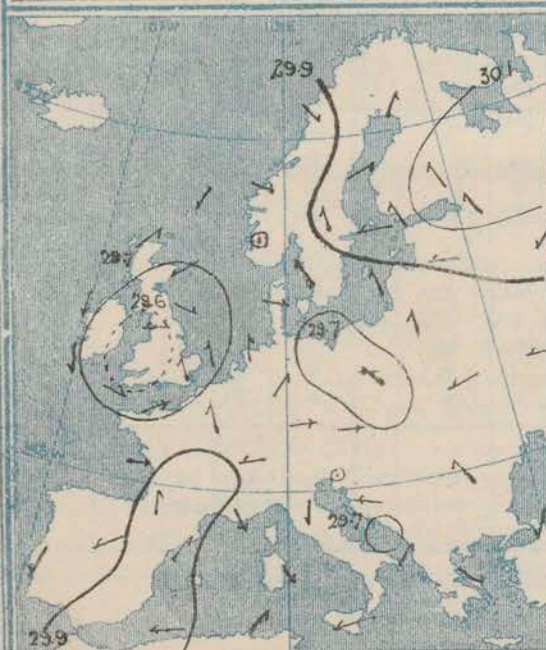
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.*

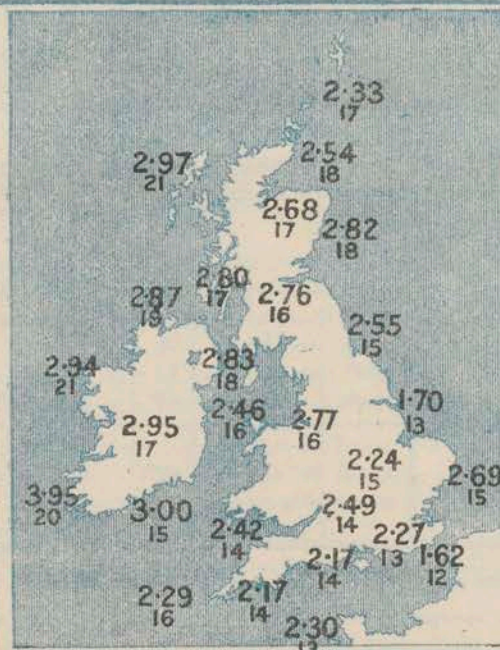


## IV. Average RAINFALL and NUMBER OF RAIN DAYS

in month of JULY (1871-1900)

Specimen { RAINFALL 2.55  
(for Shields) { RAIN DAYS 15

*in Head & Belmullet-Blackod Values are for only 15 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Two monthly period*

*July-August (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Since yesterday the barometer has risen at all our western and northern stations fallen over the North Sea, Germany and France, and readings now range from 30.10 in: at Gothenburg and 29.9 in: or more in the southern parts of France, and west of Ireland to less than 29.6 in: over our southeastern counties. The depression noticed over Wales yesterday has moved eastwards to Norfolk and adjacent counties.

### WIND

The wind has become N<sup>W</sup> in all the northern and western parts of our Islands, but is still S<sup>W</sup> at Yarmouth and in the Netherlands, N<sup>W</sup> in France, N<sup>W</sup> over the Bay of Biscay; the N<sup>W</sup> wind is strong in several places. Temperature has decreased a little more, and varies from 78° at Stockholm, 74° at Bordeaux and 67° at Frankfurt to 60° in London, 55° to 51° on our extreme northwest coasts. In our Islands the values are rather lower than the average, in Scandinavia they are high. Weather continues cloudy in most parts of our Islands, showery at several stations, but is very fair in Scotland. Sea is rather rough in the extreme north and west, slight in the south, smooth in the northeast.

### TEMPERATURE

### WEATHER

### AND

### SEA

During the past day the rainfall has been general except in the far west, it has been heavy over our Midland Counties, the east of Scotland and at Cape Gris Nez. A thunderstorm has occurred at Oxford. The amount of bright sunshine recorded yesterday again varied much locally; at Valencia and at Jersey there were more than 8 hours; in London 2 hours and at Stormoway, Reposition and Aberdeen none.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather over the United Kingdom is now clearing up slowly; a few more showers and some thunder may be experienced in the east. To night will be cool generally, and weather fine.

## FORECASTS \*

For the 24 hours ending at NOON on JULY 26<sup>TH</sup> 1901

### DISTRICTS.

### FORECASTS.

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

N<sup>W</sup> breezes, moderate; fair.

N<sup>W</sup> breezes, moderate; a few showers (possibly thunder locally); then fair generally.

NW<sup>W</sup> to N<sup>W</sup> winds, light; fine.

### DISTRICTS.

### FORECASTS.

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

Same as No: 0.

Same as Nos: 1 to 4.

N<sup>W</sup> breezes, moderate; fair generally.

### WARNINGS

NONE ISSUED.

*Note.*—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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, o	65	58	4.3	0.33
Newton Reigny (Penrith)	29.64	63	ENE 2	o	29.73	+ 10	57	56	+ 4	N 3	o	*	cm, o	68	52	0.5	—
Bath	29.50	65	NE 3	o	29.59	+ 0.6	63	61	+ 2	N 2	c	*	o	66	53	1.4	0.42

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	68	58	c	0.5	-	Worthing	*	*	*	3.5	*
Birmingham, 9 p.m.	60	56	o, r	-	0.71	Llandudno	*	*	*	*	*
Lowestoft, 6 p.m.	67	56	c, o, r, o	6.7	0.13	Rhyl (to 6 p.m.)	*	*	*	1.0	*
Hastings	*	*	*	3.1	*	Southport	64	54	o, p, o	0.1	0.34
Eastbourne (to 6 p.m.)	*	*	*	4.6	*	Manchester, 9 p.m.	66	56	ad, o, or	0.0	0.32
Brighton (to 6 p.m.)	*	*	*	4.3	*	Darwen, 9 p.m.	63	52	og, r	0.3	0.08

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 24	-	-	-	Ins.	Algiers ... JULY 24	95	73	c, o	-
Madrid	93	66	b, b	-	Tunis	99	70	o, c	-
Corsica (I. Sanguinaires)	88	68	m, m	-	Vienna	79	57	r, o	0.12
Rome	88	73	b, o	-	St. Petersburg	75	57	b, b	-
Florence	83	58	c, c	0.08	Lugano ... JULY 23	73	-	o	Measured 7 a.m. 23 0.16
Trieste	88	66	c, c	0.87	Davos	54	-	r	0.63
Brindisi	88	64	b, c	-	Lucerne	63	-	r	1.5p
Naples	83	70	b, c	-	Lausanne	66	-	bc	-
Palermo	91	65	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, 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 JULY, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.3	11.59	7.54
Greenwich	4.14	12.6	7.58
Wick	3.49	12.18	8.47
Valencia	4.54	12.47	8.41

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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 *Friday, 26<sup>th</sup> July,* 1901.  
 Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS					
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall Ins.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Max.	Min.			
																				Ins.		
SCANDINAVIA.	Haparanda ...	30.01	67	SW	2	f	30.03	-.05	76	71	+1	SW	2	b	*	f	79	66	*	-	-	
	Hernösand ...	30.10	66	Z	0	b	30.13	+.03	71	61	0	Z	0	b	*	b	79	57	*	-	-	
	Stockholm ...	30.07	69	E	2	b	30.07	+.05	75	64	-3	SE	2	b	*	b	81	66	*	-	-	
	Wisby ...	30.00	67	SE	4	b	30.01	+.04	73	61	-3	S	4	b	*	b	81	61	*	-	-	
	Karlstad...	29.99	76	SSE	4	b	30.03	+.06	69	62	-5	E	2	b	*	b	*	*	*	-	-	
	Færder (X'ania Fjord)	29.95	69	S	2	t	29.99	+.12	69	64	-6	NE	2	b	2	t	77	68	*	0.20	-	
	Bodö ...	30.06	57	WSW	2	c	30.06	+.11	60	57	-14	Z	0	bc	0	c	73	54	*	-	-	
	Christiansund ...	29.97	66	"	1	b	29.99	+.07	62	61	-1	ESE	3	f	2	b	75	59	*	-	-	
	Skudesnaes ...	29.83	68	Z	0	m	29.90	+.14	70	66	+1	NNE	2	b	1	b	73	61	*	*	-	
	Sumburgh Head	29.74	58	NE	4	r	29.87	+.09	62	62	+8	SE	1	c	4	o	62	53	*	0.23	-	
Stornoway ...	29.85	53	NNE	5	o	29.82	-.09	55	54	+4	NNE	5	r	5	o	55	50	0.0	0.12	-		
Malin Head ...	29.80	55	N	6	o.g.m	29.77	-.07	54	54	-1	N	6	r.g.f	5	o.g.m	56	52	*	0.10	-		
Blacksod Pt. ...	29.99	57	N	4	bc	29.94	-.05	55	52	0	NW	5	o.p.m	4	c.bc	58	54	*	-	-		
Valencia...	30.00	57	NW	6	c.g	29.94	-.04	55	51	-2	N	4	o	4	c.g	60	54	6.4	-	-		
BRITISH ISLANDS.	Roche's Point ...	29.87	59	N	6	c	29.81	-.05	58	53	+1	N	6	bc	4	o.c	62	52	*	-	-	
	Parsonstown ...	29.88	58	NW	2	o	29.84	-.03	55	53	-1	NW	1	o	*	o	59	52	0.0	-	-	
	Donaghadee ...	29.75	58	N	5	bc.g	29.73	-.03	54	53	-1	N	3	r	4	bc.r.m	59	52	*	0.12	-	
	Liverpool Obsy.	29.66	60	NW	3	r	29.67	+.02	58	58	-2	ESE	1	o	1	p	68	58	*	0.39	-	
	Holyhead ...	29.72	56	NW	6	op	29.68	-.02	55	54	-2	N	4	o.d.m	3	op	57	53	*	0.12	-	
	Pembroke (St. Ann's)	29.78	57	N	4	o	29.73	-.00	53	53	-3	NW	4	g	3	op	58	53	0.0	0.19	-	
	Scilly (St. Mary's)...	29.85	60	NW	5	o	29.82	+.07	58	53	-1	NW	5	o	4	o	61	53	0.0	0.02	-	
	Jersey (St. Aubins)...	29.73	63	NW	5	o.g.m	29.78	+.16	58	56	-5	NW	4	o.g.r	3	bc.g.m.l	67	57	8.0	0.02	-	
	Portland Bill ...	29.66	59	NW	4	cp	29.70	+.09	56	56	-4	NW	5	op	4	r.ep	63	56	*	0.30	-	
	Dungeness ...	29.61	62	SSW	4	bc	29.66	+.06	60	59	+1	NW	2	of	3	c.bc	67	56	*	0.04	-	
Wick ...	29.67	57	SE	3	r.f	29.63	+.05	57	56	+2	S	2	f	3	r.f	58	53	*	0.95	-		
Nairn ...	29.70	55	NW	3	o	29.81	+.01	59	58	+4	Z	0	c	1	o	59	52	*	0.80	-		
Aberdeen ...	29.61	57	NW	3	o	29.87	+.17	60	60	+4	NE	1	of	1	r.o	60	55	0.0	0.21	-		
Leith ...	29.63	62	NW	1	o	29.76	+.05	61	59	+2	ESE	1	c	*	o	65	56	*	0.12	-		
North Shields ...	29.63	60	NW	2	o	29.72	+.07	60	59	+2	NNE	2	c	3	d.o	62	55	*	0.03	-		
Spurn Head ...	29.60	62	N	3	b	29.68	+.08	63	61	+4	NE	3	bc	2	r.b	65	57	*	0.40	-		
Yarmouth ...	29.61	64	SE	4	b	29.65	+.08	63	60	+2	SE	4	b	3	b	65	59	*	-	-		
Loughborough...	29.63	59	NW	2	o	29.67	+.06	58	57	+2	NE	2	o.g.m	*	r.o.p.m	62	55	*	0.46	-		
Oxford ...	29.63	58	NW	3	r	29.66	+.08	57	56	+1	NW	1	r	*	t.r	63	56	*	1.52	-		
London (Brixton)	29.60	59	SW	1	o.g.m	29.66	+.08	59	58	-1	Z	0	o	*	r.b.b.f	70	52	2.5	0.92	-		
GERMANY, &c.	The Scaw (Skagen)	29.91	72	E	1	b	29.91	+.12	69	64	-2	ESE	3	b	1	b	82	68	*	-	-	
	Fanö ...	29.82	65	E	4	r	29.83	+.20	67	66	0	E	4	b	*	r.f	72	63	*	0.28	-	
	Cuxhaven ...	29.76	65	S	1	o	29.83	+.03	63	61	0	S	2	bc	*	o	72	57	*	0.08	-	
	The Helder ...	29.68	68	SSW	1	bc	29.72	+.10	64	61	-1	S	1	b	4	bc	70	57	*	0.24	-	
	Brussels...	*	*	*	*	*	29.75	+.07	60	58	0	S	2	o	*	b	69	52	*	0.08	-	
	Berlin ...	29.85	69	SSE	1	c	29.89	+.08	65	62	+3	S	1	c	*	c	77	62	*	0.04	-	
	Frankfurt ...	29.82	63	NE	2	c	29.88	+.12	67	59	0	SW	2	b	*	c	75	57	*	-	-	
	Munich ...	29.97	57	Z	0	r	30.01	+.12	60	57	-3	N	6	o	*	r	73	54	*	0.20	-	
	C. Gris Nez ...	29.69	62	SSW	3	bc	29.66	+.07	62	60	0	WSW	2	m	3	bc	72	57	*	0.47	-	
	Brest ...	29.84	58	NW	4	o	29.86	+.11	57	56	0	NW	3	o	3	o	68	57	*	-	-	
Lorient ...	29.86	59	NW	5	o	29.79	+.06	57	55	-2	NW	4	o	4	o	64	55	*	-	-		
Rochefort ...	29.96	64	NW	5	o	29.97	+.12	60	59	-6	W	5	r	*	c.o	68	57	*	0.51	-		
Biarritz ...	30.08	68	NW	5	c	30.07	+.09	65	63	-2	SW	5	c	5	c	70	63	*	0.12	-		
FRANCE.	Paris ...	29.86	71	NW	1	o	29.81	+.12	60	58	+2	SSW	2	t	*	r	68	58	*	2.91	-	
	Belfort ...	29.78	69	WSW	4	c	29.89	+.07	62	56	+4	WSW	4	c	*	c	75	54	*	0.04	-	
	Lyons ...	29.86	71	NW	1	o	29.95	+.08	65	53	-1	N	1	bc	*	o	82	56	*	-	-	
	Nice ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	-
	Perpignan ...	29.95	71	NW	2	o	30.01	+.08	66	57	+7	NW	2	o	*	o	74	59	*	0.16	-	
	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
SPAN. PEN.	Lisbon ...	29.94	64	NW	7	b	29.94	-.00	66	54	+1	N	6	m	*	b	77	61	*	-	-	
	Azores (P. Delgada)	30.32	69	N	3	o	30.30	-.00	70	66	0	NE	3	bc	2	o	77	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. † Rainfall at Battersea Park 0.71 in. and at Westminster rather more than 2.0 ins.



# WEATHER CHARTS


FOR *Friday, 26<sup>th</sup> July, 1901.*

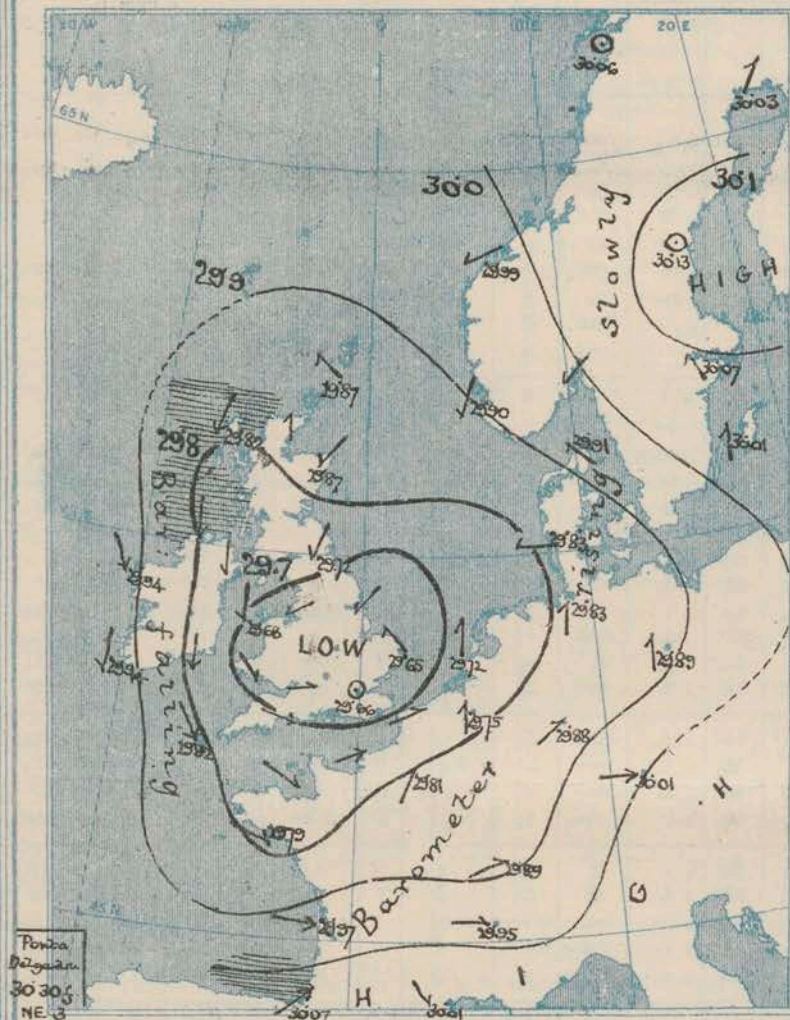
## I. BAROMETER, WIND AND SEA. This Morning.

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 

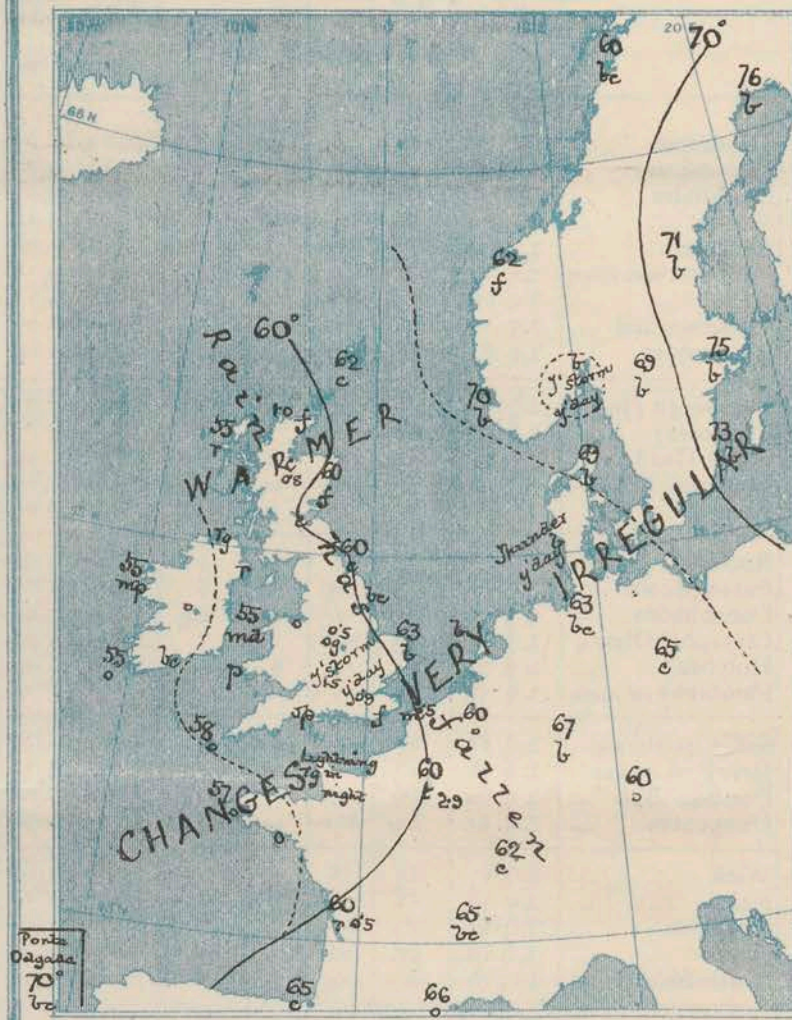


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

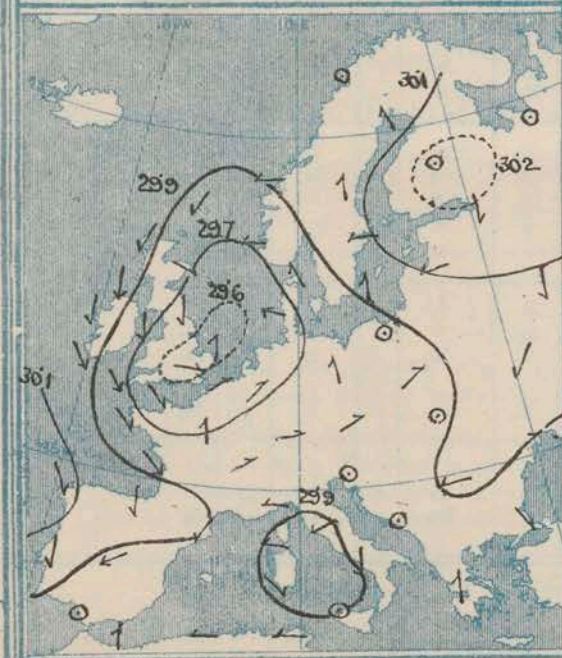
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.*



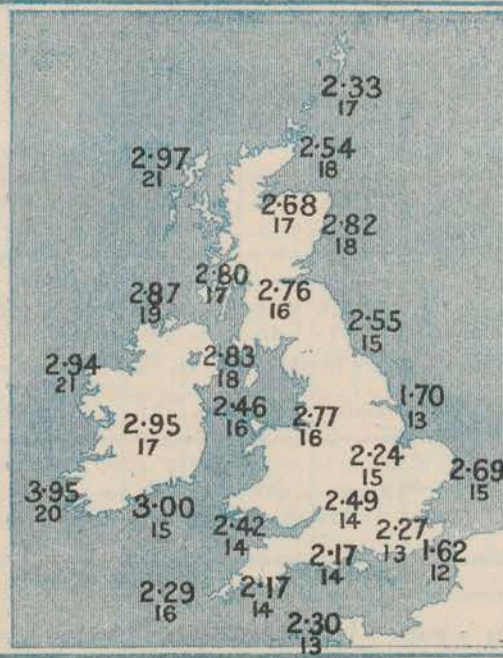
## IV. Average RAINFALL and NUMBER OF RAIN DAYS

*in month of JULY (1871-1900)*

Specimen (RAINFALL 2.55

(for Shields) RAIN DAYS 15

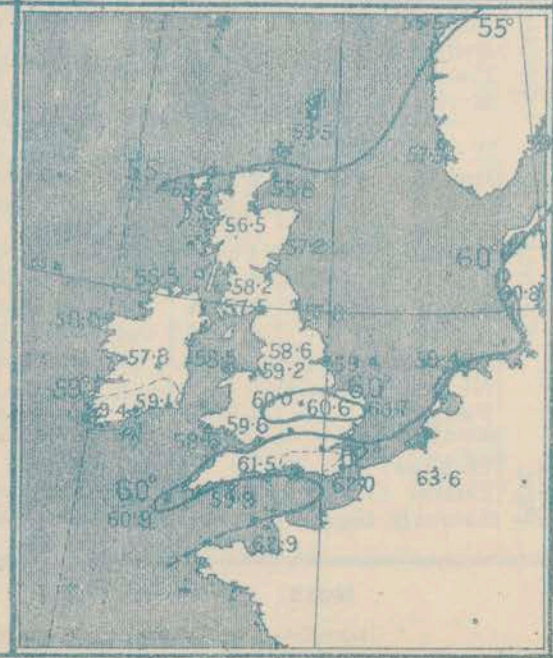
*Malin Head & Belmullet-Blacksoil Values are for only 15 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Two monthly period*

*July-August (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

During the past day the barometer has risen over Germany and Denmark, fallen in Ireland, and readings now range from 30.13 in: at Hunsand (Sweden) and 30.07 in: at Biarritz to 29.65 in: at Yarmouth. The shallow depression which lay over our eastern districts yesterday has moved slightly to the northward, that observed off the east of Scotland has moved more quickly and is now over Argyllshire.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Winds are cyclonic—fresh from N. in the west, moderate from W. in the south, light from S. in the east, and from E. in the north. Temperature is westerly, and is below the average except over Scandinavia. The present readings range from 75° at Stockholm and 65° at Biarritz, 59° in London, 55° in the extreme west of Ireland and the Hebrides. The weather is very unsettled all over Great Britain and its neighbourhood, and rain is falling in several places, but on our east coasts and on the eastern shores of the North Sea the sky is clear. Sea is still rather rough in the extreme northwest and west, slight in the south, smooth at Aberdeen.

During yesterday severe thunderstorms occurred in many parts of northwestern Europe, but were by no means general. That in London was severe and continued for several hours.

The amount of Bright Sunshine recorded yesterday varied greatly in different localities. At Cartbourne it was 11.6 hours, at Clacton on Sea and Lowestoft it exceeded 10 hours, but at many of our most western and northwestern stations there was none.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depression which has been accompanied by so much rain and thunder over the British Islands and France has moved but little in a westerly direction, and at present there is no indication of improvement in the weather.

## FORECASTS \*

For the 24 hours ending at NOON on 27<sup>TH</sup> JULY, 1901

### DISTRICTS.

### FORECASTS.

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

NE<sup>24</sup> and Varying airs;  
thundershowers in many places.

SE<sup>24</sup> and S<sup>24</sup> airs; very unsettled,  
some rain and thunder.

Varying airs; thunder and rain  
in many places, very 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.

N<sup>24</sup> winds, moderate; rainy, thundery.

N<sup>24</sup> winds, fresh; rain in many  
places, thundershowers locally.

### 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 8 P.M.				THIS MORNING 8 A.M.								PART 24 HOURS.				
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea	29.67	60	z. 0	†	29.73	-.00	60	57	+ 3	z. 0	c	•	b. bel	66	59	10.1	-
Newton Reigny (Penrith)	29.67	60	z. 0	†	29.73	-.00	60	57	+ 3	z. 0	c	•	omd	63	53	1.0	0.02
Bath	29.65	54	mw 3	0	29.67	+ .08	57	56	- 6	w 2	0	•	0	65	55	0.7	0.55

## REPORTS FOR YESTERDAY.

STATIONS.		TEMPERATURE.		Weather.	Sunshine.	Rainfall.	STATIONS.		TEMPERATURE.		Weather.	Sunshine.	Rainfall.
		Max.	Min.		Hrs.	Ins.			Max.	Min.		Hrs.	Ins.
Harrogate, 6 p.m.	...	62	55	or	0.0	0.21	Worthing ...					2.3	
Birmingham, 9 p.m.	...	60	55	or	0.0	0.66	Llandudno ...	63	58	o2, op		0.1	0.23
Lowestoft, 6 p.m.	...	67	57	or-bc	10.6	0.17	Rhyl ... (to 6 p.m.)					0.0	
Hastings ...					9.2		Southport ...	65	54	op.c.p.o		0.2	0.14
Eastbourne ... (to 6 p.m.)					11.6		Manchester, 9 p.m.	62	56	or.om		0.0	1.98
Brighton ...					7.4		Darwen, 9 p.m.	60	53	or		0.0	0.14

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 25 <sup>th</sup>	—	—	—	Ins.	Algiers ... JULY 25 <sup>th</sup>	81	72	c, b	Ins.
Madrid ... ..	102	61	b, b	—	Tunis... ..	100	70	o, c	—
Corsica (I. Sanguinaires) ...	84	66	m, m	—	Vienna ... ..	72	54	b, b	0.04
Rome ... ..	86	61	b, b	—	St. Petersburg... ..	70	59	b, b	—
Florence ... ..	80	66	b, o	—		1 p.m.			
Trieste ... ..	79	68	c, b	—	Lugano ... JULY 24 <sup>th</sup>	77	—	b	Measured <sup>m</sup> 7 a.m. 24 <sup>th</sup> 0.16
Brindisi... ..	93	61	o, b	—	Davos ... ..	55	—	o	0.55
Naples ... ..	82	71	b, b	—	Lucerne ... ..	72	—	bc	0.59
Palermo ... ..	98	67	b, b	—	Lausanne... ..	70	—	b	0.12

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					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.	26 <sup>th</sup> July, 1901.	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 ... ..	4.4	11.59	7.53
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.16	12.6	7.56
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.51	12.18	8.45
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	5.25 p.m.	Valencia ... ..	4.55	12.47	8.40
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.

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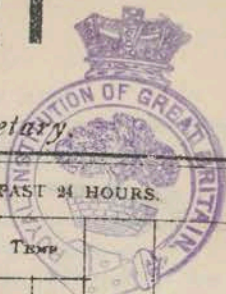
FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the inquiry and reply Telegrams. Information 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 *Saturday, 27<sup>th</sup> July, 1901.*  
 Issued by the Meteorological Office, 63, Victoria Street, London. *W. N. SHAW, Secretary.*



STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
		Ins.					Ins.	Ins.	°	°											
SCANDINAVIA.	Haparanda ...	30.01	69	Z	0	b	29.95	-.08	78	68	+2	Z	0	b	*	b	84	64	*	-	
	Hernösand ...	30.10	67	Z	0	b	30.07	-.06	70	64	-1	SW	2	b	*	b	77	57	*	-	
	Stockholm ...	30.06	69	Z	0	b	30.02	-.05	69	63	-6	E	4	b	*	b	79	63	*	-	
	Wisby ...	30.02	65	ESE	4	b	29.96	-.05	72	64	-1	S	4	b	*	b	79	59	*	-	
	Karlstad ...	30.00	73	SE	2	b	30.04	+0.01	69	62	0	E	4	b	*	b	79	59	*	-	
	Færder (X'ania Fjord)	29.94	75	E	2	b	29.99	-.00	69	65	0	E	2	C	*	b	75	66	*	-	
	Bodö ...	30.10	58	N	1	b	30.11	+0.05	61	57	+1	N	2	b	*	b	61	55	*	-	
	Christiansund ...	29.99	63	NNE	2	f	30.04	+0.05	60	59	-2	ESE	4	f	*	b	64	59	*	-	
	Skudesnaes ...	29.98	67	W	4	b	30.04	+0.14	68	64	-2	E	2	f	*	b	72	61	*	*	
BRITISH ISLANDS.	Sumburgh Head ...	29.93	62	NE	2	C	29.98	+0.11	57	56	-5	NE	2	O	4	C	65	52	*	-	
	Stornoway ...	29.89	65	N	2	b	30.00	+0.18	57	56	+2	NE	3	O	3	O	68	53	4.9	0.02	
	Malin Head ...	29.85	55	NNW	5	ogf	29.91	+0.14	57	57	+3	Z	0	bef	3	ogf	57	53	*	0.01	
	Blacksod Pt. ...	29.94	56	N	6	opm	29.98	+0.04	55	55	0	N	4	rm	4	rm, pm	56	54	*	0.11	
	Valencia ...	29.93	56	N	5	op	29.94	-.00	58	56	+3	N	4	cp	4	ogp	58	53	0.5	0.05	
	Roche's Point ...	29.83	60	N	5	O	29.88	+0.07	60	56	+2	N	5	C	3	C.O	61	56	*	-	
	Parsonstown ...	29.84	60	NW	1	O	29.90	+0.06	58	56	+3	NW	2	O	*	O	62	54	0.4	-	
	Donaghadee ...	29.81	60	N	3	C	29.88	+0.15	60	58	+6	N	3	bc	3	C	62	52	*	-	
	Liverpool Obsy. ...	29.69	66	NNW	3	clt	29.77	+0.10	62	58	+4	NNE	1	C	2	clt	69	57	*	0.01	
	Holyhead ...	29.74	59	NNW	3	C	29.81	+0.13	59	57	+4	NE	3	C	2	m.c	61	54	*	-	
	Pembroke (St. Ann's)	29.72	58	N	4	C	29.75	+0.02	60	59	+7	N	4	ogm	4	C	60	52	1.1	0.01	
	Scilly (St. Mary's)...	29.79	59	NNW	4	O	29.79	-.03	60	58	+2	NNW	4	O	3	C.O	61	53	0.0	-	
Jersey (St. Aubin's)...	29.78	59	WSW	5	O	29.76	-.02	62	58	+4	SW	3	bc	3	ogp	62	56	1.0	0.21		
Portland Bill ...	29.72	58	W	4	cp	29.72	+0.02	59	58	+3	NNW	3	cm	3	C.O	59	55	*	0.05		
Dungeness ...	29.70	58	WSW	5	N	29.75	+0.09	58	58	-2	SSW	4	P	4	C.O	57	57	*	0.05		
GERMANY, &c.	Wick ...	29.89	59	E	2	f	29.97	+0.14	64	60	+7	N	2	b	1	f	64	55	*	0.02	
	Nairn ...	29.81	60	E	1	f	29.97	+0.16	59	59	0	E	1	f	1	f	63	56	*	0.02	
	Aberdeen ...	29.86	59	NE	1	ogm	29.94	+0.07	60	60	0	NE	1	f	1	of, mg	65	57	1.6	0.19	
	Leith ...	29.81	62	SE	1	T	29.90	+0.14	61	60	0	E	1	O	*	r	70	58	*	0.03	
	North Shields ...	29.74	61	NNE	3	O	29.84	+0.12	61	60	+1	NE	3	cp	3	C.O	64	55	*	0.07	
	Spurn Head ...	29.70	63	ESE	4	bc	29.78	+0.10	62	60	-1	E	4	bc	3	bc	66	58	*	-	
	Yarmouth ...	29.66	65	SE	4	bc	29.77	+0.12	63	59	0	SE	5	bcv	4	b, bc	67	59	*	-	
	Loughborough ...	29.69	61	NW	1	C	29.73	+0.06	60	58	+2	ESE	2	oau	*	op, cl, b	69	56	*	0.24	
	Oxford ...	29.69	59	N	1	O	29.69	+0.03	58	57	+1	N	1	T	*	O, cl, r	64	56	*	0.60	
	London (Brixton)	29.67	61	SE	1	OT	29.72	+0.06	58	57	-1	Z	0	OTM	*	cp, r	63	56	0.0	0.45	
	The Scaw (Skagen)	29.92	71	S	1	bc	29.94	+0.03	69	66	0	SE	1	bc	0	bc	77	68	*	0.08	
	Fanö ...	29.90	64	E	4	T	29.88	+0.05	65	64	-2	E	2	bc	*	bc	73	61	*	0.12	
	Århus ...	29.84	69	ESE	1	C	29.86	+0.03	65	69	+2	SSE	1	b	*	C	72	61	*	-	
The Helder ...	29.76	66	Z	0	bc	29.80	+0.08	66	63	+2	Z	0	bc	0	bc	79	55	*	-		
Brussels ...	*	*	*	*	*	29.83	+0.08	59	57	-1	S	1	T	*	C	71	55	*	0.04		
Berlin ...	29.86	72	SSE	2	C	29.83	-.06	67	63	+2	SSW	1	C	*	C	79	64	*	-		
Frankfurt ...	29.87	62	SW	2	b	29.88	-.00	61	57	-6	E	2	b	*	b	73	54	*	0.08		
Munich ...	29.98	57	W	2	T	29.95	-.06	60	57	0	SE	2	bc	*	T	68	48	*	0.28		
FRANCE.	C. Gris Nez ...	29.75	58	SW	4	O	29.80	+0.14	62	52	0	SSW	3	C	3	O	68	55	*	0.08	
	Brest ...	29.84	59	NW	8	C	29.79	-.07	57	57	0	NNW	3	C	3	C	?	55	*	0.04	
	Lorient ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Rochefort ...	29.96	64	NNW	3	b	29.87	-.10	?	?	?	?	2	T	*	O, b	66	55	*	0.59	
	Biarritz ...	29.96	67	NW	2	O	29.88	-.19	68	66	+3	WSW	8	T	*	O	68	61	*	-	
	Paris ...	29.82	66	NW	3	O	29.89	+0.02	58	56	-2	SSW	2	O	*	O	71	55	*	0.20	
SPAN. PEN.	Belfort ...	29.87	67	WSW	4	bc	29.87	-.02	57	55	-5	NE	4	O	*	bc	72	53	*	0.20	
	Lyons ...	29.88	73	W	2	C	29.86	-.09	64	53	-1	S	2	O	*	C	81	57	*	-	
	Nice ...	29.80	78	NW	5	b	29.89	*	69	58	*	NE	1	O	*	b	82	63	*	-	
	Perpignan ...	29.93	74	S	1	O	29.80	-.21	68	64	+2	Z	0	e	*	O	81	56	*	-	
	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Lisbon ...	29.99	63	N	6	b	30.00	+0.06	67	62	+1	NNW	4	C	*	b	79	63	*	-		
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.

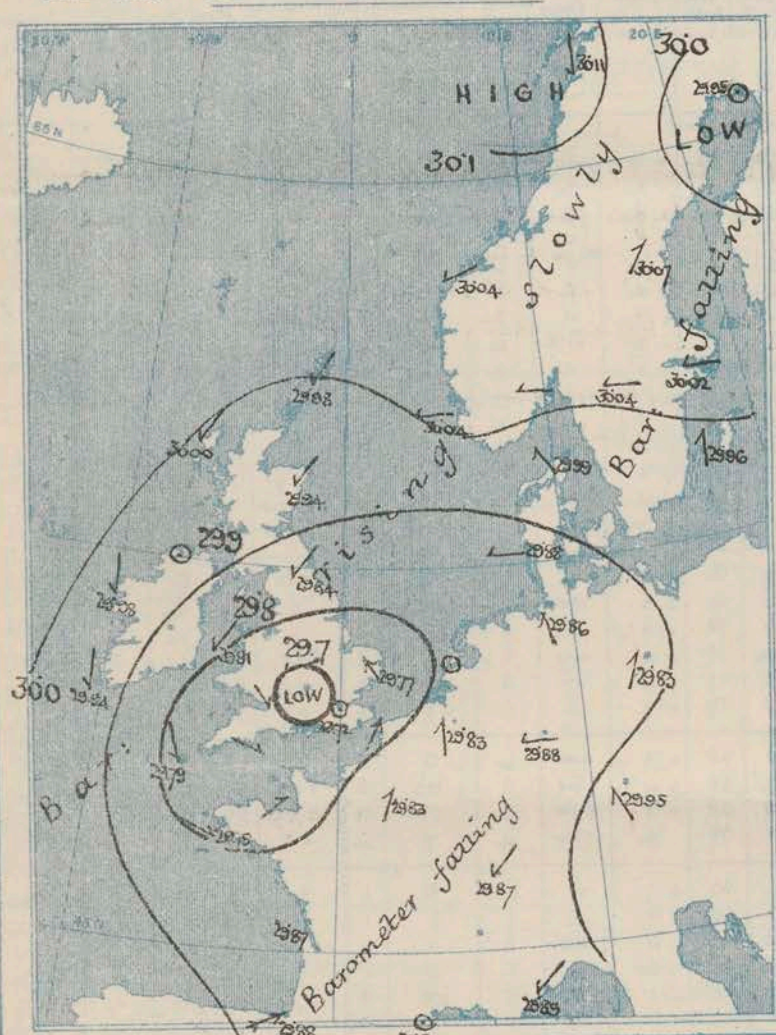


# DAILY WEATHER CHARTS

FOR *Saturday, 27<sup>th</sup> July, 1901.*

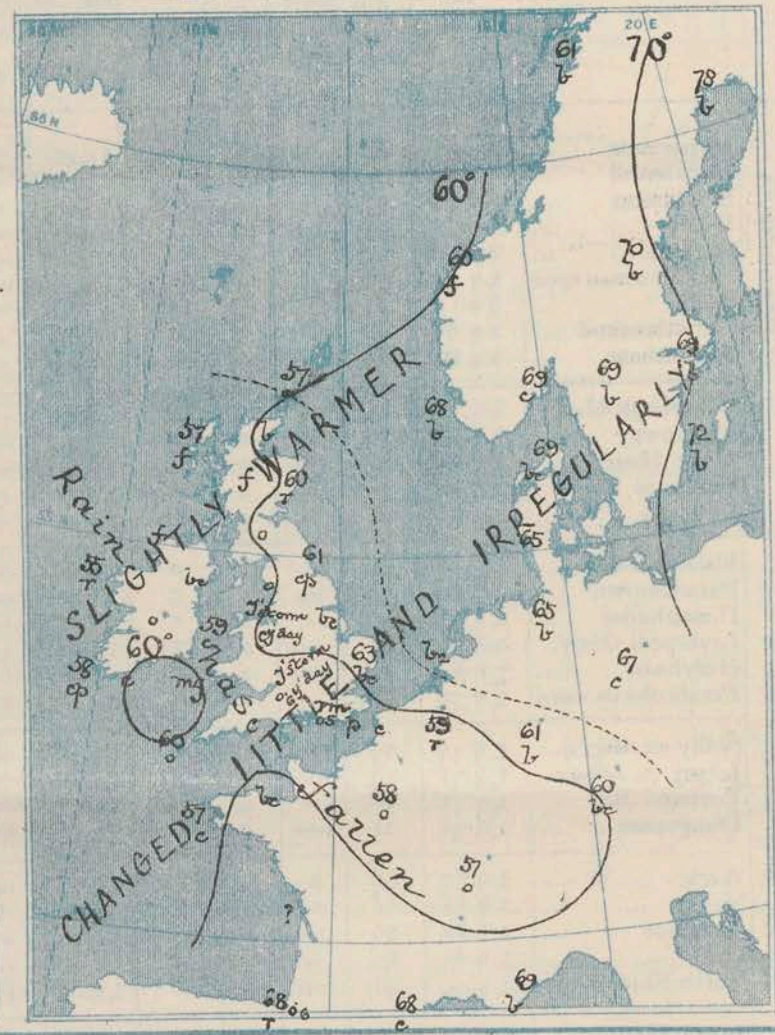
## I. BAROMETER, WIND, AND SEA. This Morning.

**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

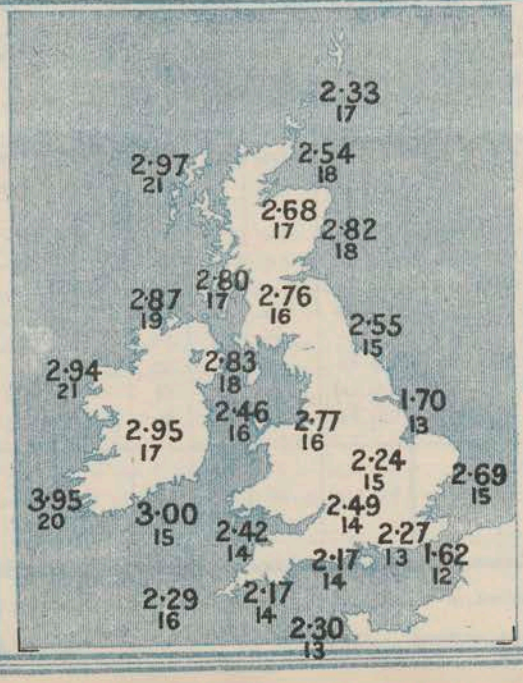
*Yesterday morning.*



## IV. Average RAINFALL and NUMBER OF RAIN DAYS

*in month of JULY (1871-1900)*  
 Specimen (RAINFALL 2.55  
 (for Shields) RAIN DAYS 15

*Mullin Head & Belmullet-Black-sod. Values are for only 15 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Two monthly period*

*July-August (1871-1900.)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The depression recently noticed over England has now moved a little further to the westward, the barometer has risen slightly over the British Islands and the North Sea, fallen a little in France, Germany and Sweden, and readings range from 30.11 in. at Porto, 29.88 in. at Biarritz, and 29.95 in. at Munich to 29.69 in. at Oxford.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is accordingly E<sup>4</sup> in the north, N<sup>4</sup> in the west, W<sup>4</sup> in the south, and SE<sup>2</sup> in the east; it is generally moderate or light in force, Biarritz, however, reports a fresh gale from WSW. Temperature has fallen slightly over France, changed very little and irregularly elsewhere. It is still high in Sweden, the present values vary from 78° at Haparanda, 72° at Ulsby and 68° at Biarritz to 58° at Oxford, 55° at Blackhead Point. The weather is rather foggy in parts of Scotland, showery over England and Belgium, clear in Scandinavia generally. The sea is moderate to smooth.

During yesterday the weather has been showery over Great Britain and many parts of the Continent, thunder occurred in the Midlands and at Liverpool and Jano. In our Islands the thermometer touched 70° at Litch only, but in Sweden it reached 79° and at Nice 82°.

Bright Sunshine was very little prevalent over the Country generally, but was as much as 7.5 hrs. at Southport, 8 hrs. at Darwin, 8.5 hrs. at Clacton on Sea and 13 hrs. at Lowestoft.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather remains in a very unsettled showery condition over England, but will probably improve by tomorrow.

## FORECASTS \*

For the 24 hours ending at NOON on 28<sup>th</sup> JULY, 1901

### DISTRICTS.

### FORECASTS.

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

N<sup>4</sup> and NE<sup>4</sup> winds, light; cloudy, unsettled, some rain.

SE<sup>4</sup> or E<sup>4</sup> winds, moderate; rainy, some thunder. Finer tomorrow.

SW<sup>4</sup> and S<sup>4</sup> winds; rainy, unsettled, close, thunder locally. Finer tomorrow.

### DISTRICTS.

### FORECASTS.


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


NE<sup>4</sup> winds; rain at times.

N<sup>4</sup> winds, moderate; rain in places.

### 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	68	58	8.5	0.08
Newton Reigny (Penrith)	29.77	63	ENE 3	0	29.87	+ .14	59	58	- 1	ENE 3	0	*	c, omr	67	56	1.5	0.07
Bath	29.68	61	W 1	0	29.70	+ .03	60	58	+ 3	W 1	0	*	0	66	56	1.2	0.56

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	69	56	cp	4.8	0.23	Worthing	*	*	*	0.3	*
Birmingham, 9 p.m.	66	54	o, tr, c	1.7	0.40	Llandudno (to 6 p.m.)	*	*	*	3.6	*
Lowestoft, to 6 p.m.	67	58	bc	13.0	-	Rhyl (to 6 p.m.)	*	*	*	5.0	*
Hastings	*	*	*	3.2	*	Southport	71	57	r, o, c	7.5	0.33
Eastbourne (to 6 p.m.)	*	*	*	0.4	*	Manchester, 9 p.m.	70	54	bc, tr	6.6	0.08
Brighton	*	*	*	0.5	*	Darwen, 9 p.m.	67	53	r, b, mw	8.0	0.22

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 26	73	61	o, b	Ins.	Algiers JULY 26	86	75	c, o	Ins.
Madrid	92	61	bc, c	-	Tunis	86	70	c, c	-
Corsica (I. Sanguinaires)	84	63	m, m	-	Vienna	73	64	b, o	-
Rome	85	62	b, b	-	St. Petersburg	82	59	b, b	-
Florence	-	-	-	-	Lugano JULY 25	63	-	o	Measured 7 a.m. 25
Trieste	84	73	b, b	-	Davos	50	-	o	-
Brindisi	93	65	b, f	-	Lucerne	70	-	r	0.074
Naples	85	65	b, b	-	Lausanne	70	-	o	0.16
Palermo	89	69	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.

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.	27 <sup>th</sup> JULY, 1901.	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 ... ..	4.5	11.59	7.52
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.7	12.6	7.55
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.53	12.18	8.43
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.56	12.47	8.39
Portugal ... ..	8 a.m. (Lisbon) ... ..	8.36 a.m.						

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



# DAILY WEATHER REPORT

for 8 a.m. on Sunday, 28<sup>th</sup> July, 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Weather.	Sea (0 to 9.)	Weather.	TEMP.			Sun- shine. Hours	Rainfall. Inch.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.				Min.				
																				Ins.		
SCANDINAVIA.	Haparanda ...	30.00	68	Z	0	c	30.06	+1.1	67	65	-11	Z	0	b	*	c	81	67	*	0.12		
	Hernösand ...	30.00	67	Z	0	b	30.02	-0.5	71	62	+1	Z	0	b	*	b	79	55	*	-		
	Stockholm ...	29.96	71	ESE	2	o	29.90	-1.2	78	67	+9	E	6	b	*	o	79	63	*	-		
	Wisby ...	29.88	67	E	4	r	29.85	-1.1	71	67	-1	SSE	6	o	*	r	77	59	*	0.20		
	Karlstad ...	29.93	75	E	2	o	29.89	-1.5	69	63	0	NE	2	o	*	c, r	*	*	*	0.08		
	Færder (X'ania Fjord)	29.90	74	NNE	2	bc	29.87	-1.2	66	64	-3	NE	5	r	2	bc	75	66	*	0.08		
	Bodö ...	30.06	58	NE	1	b	29.92	-1.9	61	56	0	N	1	b	0	b	61	52	*	-		
	Christiansund ...	29.97	68	ESE	3	b	29.93	-1.1	65	62	+5	E	3	b	2	b	68	59	*	-		
	Skudesnaes ...	29.96	67	Z	0	o	29.89	-1.5	66	63	-2	NE	2	c	1	o	73	63	*	*		
	Sumburgh Head	29.95	57	NE	1	o	29.92	-0.6	53	53	-4	WNW	1	b	3	o	58	51	*	0.01		
BRITISH ISLANDS.	Stornoway ...	30.00	64	NE	4	bc	29.97	-0.3	59	56	+2	ESE	4	b, bc	4	b, bc	72	62	9.7	-		
	Malin Head ...	29.92	60	WNW	2	bc	29.93	+0.2	56	56	-1	WNW	1	b	1	b	62	55	*	0.01		
	Blacksod Pt. ...	29.98	58	WNW	3	o	30.01	+0.3	55	55	0	WNW	2	b, om	2	b, om	60	54	*	0.01		
	Valencia ...	29.95	60	N	5	oq	29.98	+0.4	58	57	0	WNW	3	o, q	4	o, q	62	55	3.8	-		
	Roche's Point ...	29.88	66	WNW	3	b	29.94	+0.6	61	56	+1	WNW	3	bc	3	bc, b	68	58	*	-		
	Parsonstown ...	29.88	67	N	1	bc	29.94	+0.4	58	57	0	NW	1	m	*	r, bc	69	53	3.5	0.29		
	Donaghadee ...	29.87	61	NW	2	o	29.91	+0.3	58	57	-2	N	2	bc	3	c, p	66	56	*	0.32		
	Liverpool Obsy. ...	29.79	69	NE	3	o	29.86	+0.9	60	58	-2	N	1	o	2	op	71	58	*	0.03		
	Holyhead ...	29.83	61	NNE	2	c	29.88	+0.7	60	58	+1	NNE	1	bc	1	c	63	58	*	-		
	Pembroke (St. Ann's)	29.79	61	N	4	bc	29.85	+1.0	62	61	+2	N	3	bc	2	bc	65	55	8.2	-		
GERMANY, &c.	Scilly (St. Mary's) ...	29.79	61	WNW	5	c	29.82	+0.3	60	57	0	NNE	3	cw	2	c	64	57	6.0	-		
	Jersey (St. Aubins) ...	29.77	64	WNW	4	c	29.82	+0.6	63	59	+1	SW	3	om	3	c, gmt	67	59	8.1	0.49		
	Portland Bill ...	29.75	58	S	1	w	29.84	+1.2	59	59	0	ESE	2	o	2	tp, op	65	58	*	0.26		
	Dungeness ...	29.79	62	SE	2	bc	29.83	+0.8	65	62	+7	SE	2	b	2	bc	65	53	*	0.10		
	Wick ...	29.97	58	N	2	r	29.95	-0.2	56	55	-8	S	1	o	1	r	64	52	*	0.05		
	Nairn ...	29.96	59	E	3	o	29.96	-0.1	59	57	0	Z	0	o	1	o	67	52	*	-		
	Aberdeen ...	29.94	60	NE	1	o	29.94	-0.0	56	55	-4	NW	1	or	1	o	66	54	1.8	0.01		
	Leith ...	29.90	62	ESE	1	o	29.92	+0.2	57	51	-4	E	1	o	*	o	67	55	*	0.08		
	North Shields ...	29.85	64	NE	3	c	29.86	+0.2	59	59	-2	N	3	o	3	rlr, c, f	65	57	*	0.06		
	Spurn Head ...	29.85	62	ESE	3	bc	29.83	+0.5	62	61	0	ESE	1	c	1	bc	67	58	*	0.05		
FRANCE.	Yarmouth ...	29.80	61	ESC	2	p	29.84	+0.7	63	59	0	WSW	2	b	2	p	65	54	*	0.05		
	Loughborough ...	29.80	66	E	1	c	29.86	+1.3	60	58	0	N	1	cm	*	c, p, o	69	57	*	0.47		
	Oxford ...	29.80	60	ESE	1	o	29.85	+1.6	60	58	+2	E	1	o	*	op, o	63	55	*	0.65		
	London (Brixton) ...	29.78	62	Z	0	og mt	29.85	+1.3	64	62	+6	SSE	1	c	*	ru, b	68	51	0.3	1.29		
	The Scaw (Skagen) ...	29.88	68	N	1	o	29.78	-1.6	67	66	-2	E	3	r	1	o	73	66	*	0.12		
	Fanö ...	29.85	62	Z	3	b	29.82	-0.6	65	63	0	WNW	1	o	*	b	77	59	*	0.12		
	Cuxhaven ...	29.83	68	Z	0	c	29.83	-0.3	67	65	+2	Z	0	b	*	rlr, c	72	61	*	0.12		
	The Helder ...	29.80	64	WNW	2	c	29.82	+0.2	65	63	-1	WNW	1	c	*	c	68	57	*	0.95		
	Brussels ...	*	*	*	*	*	29.89	+0.6	64	60	+5	SW	1	c	*	c	67	54	*	0.24		
	Berlin ...	29.80	71	N	1	b	29.87	+0.4	69	63	+2	SSE	2	b	*	b	77	61	*	-		
SPAN. PEN.	Frankfurt ...	29.87	67	S	2	c	29.92	+0.4	63	60	+2	SW	4	o	*	c	77	61	*	-		
	Munich ...	29.95	65	Z	0	bc	30.00	+0.5	66	61	+6	SE	4	b	*	bc	73	59	*	-		
	C. Gris Nez ...	29.81	62	NNE	3	bc	29.86	+0.6	60	58	-2	E	1	c	1	bc	73	59	*	-		
	Brest ...	29.84	60	WNW	2	o	29.80	+0.1	58	57	+1	WNW	2	o	2	o	64	57	*	-		
	Lorient ...	?	64	WNW	4	o	29.83	?	60	59	?	SW	2	r	2	o	66	55	*	-		
	Rochefort ...	29.93	66	WNW	4	bc	29.95	+0.8	64	61	?	WSW	3	c	*	bc	72	55	*	-		
	Biarritz ...	29.99	66	N	4	o	29.97	+0.9	61	61	-7	SSW	2	r	3	ql	70	59	*	0.08		
	Paris ...	29.81	68	S	1	bc	29.91	+0.8	61	58	+3	S	2	b	*	bc	72	55	*	-		
	Belfort ...	?	67	ESE	4	r	29.95	+0.8	55	54	-2	WSW	2	o	*	r	73	54	*	0.47		
	Lyons ...	29.84	68	SSW	3	o	29.99	+1.3	59	58	-5	N	1	o	*	o	81	55	*	0.28		
Nice ...	29.94	66	SW	1	o	29.94	+0.5	70	59	+1	E	1	bc	*	o	81	61	*	-			
Perpignan ...	29.91	73	NW	3	o	29.89	+0.9	65	63	-3	E	2	o	*	o	85	62	*	0.08			
SPAN. PEN.	Corunna ...	30.02	61	WNW	5	b	30.02	+0.2	63	56	-4	WNW	5	c	*	b	72	59	*	-		
	Lisbon ...	30.02	61	NE	4	bc	30.26	-0.1	68	66	0	NE	2	o	2	bc	75	66	*	-		
Azores (P. Delgada)	30.28	68	NE	4	bc	30.26	-0.1	68	66	0	NE	2	o	2	bc	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 *Sunday, 28<sup>th</sup> July, 1901.*

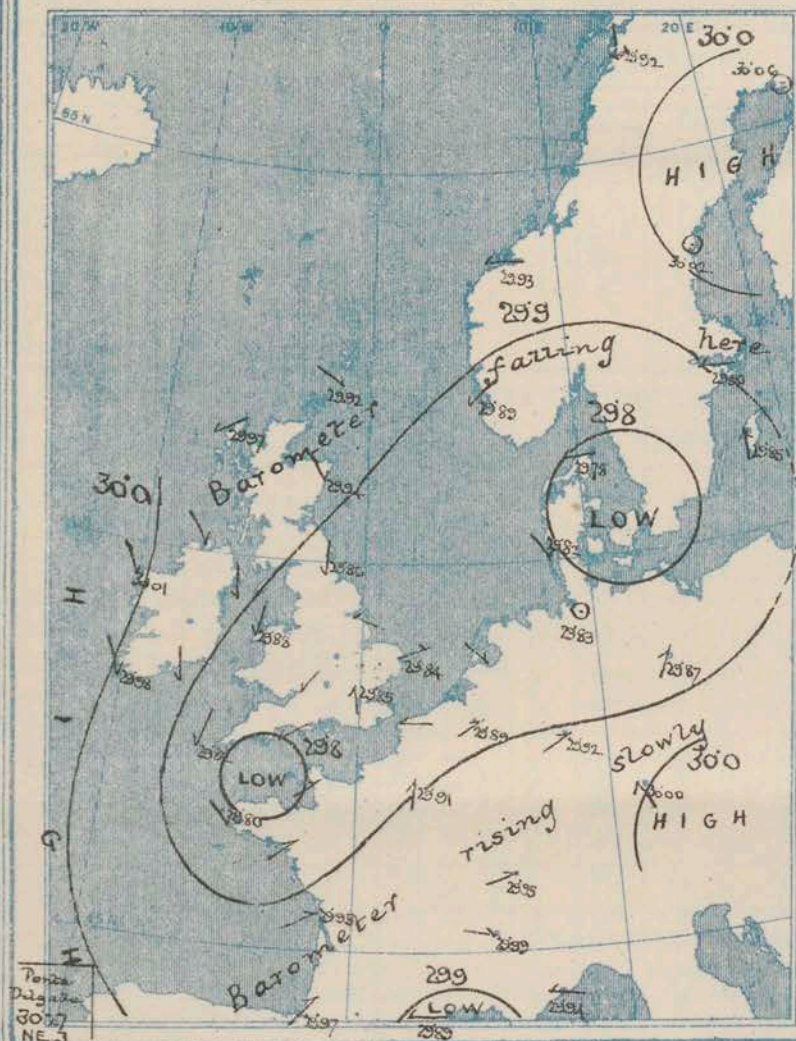
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

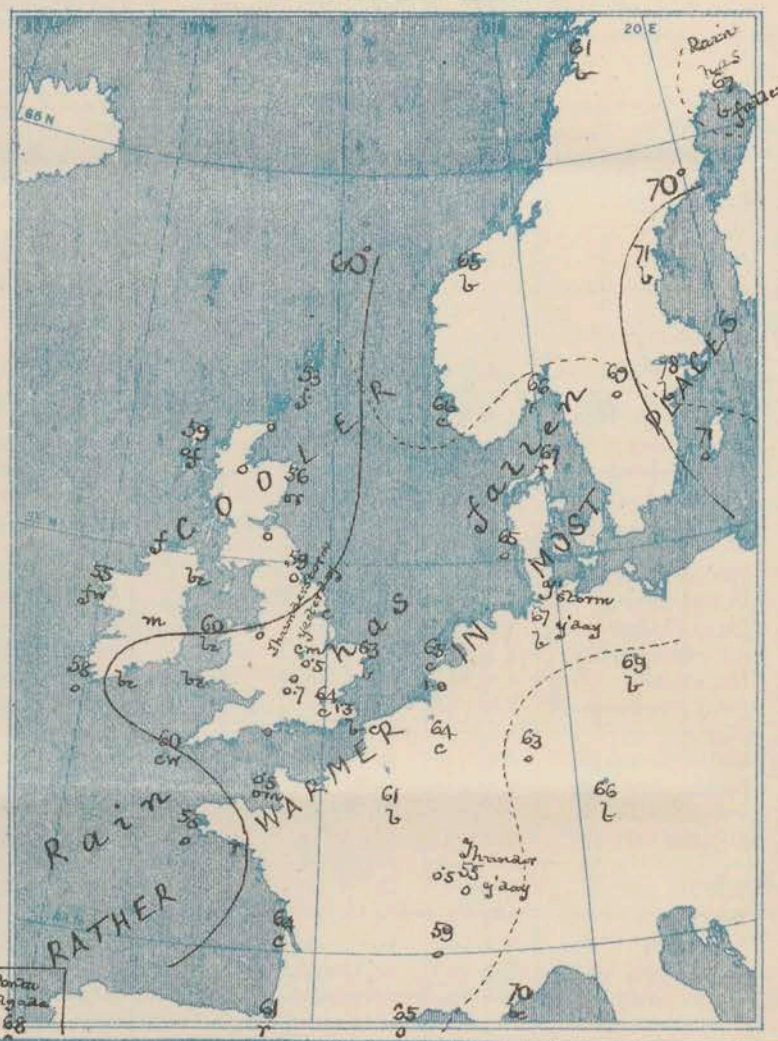


## II. TEMPERATURE AND WEATHER. This Morning.

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.*

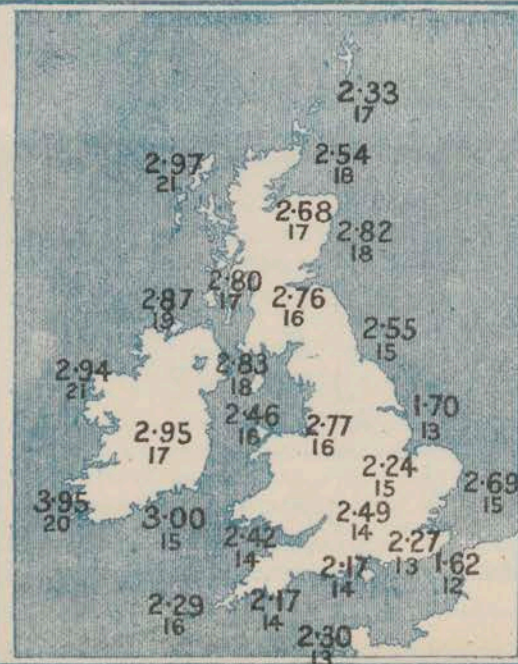


## IV. Average RAINFALL and NUMBER OF RAIN DAYS

*in month of JULY (1871-1900)*

Specimen { RAINFALL 2.55  
(for Shields) } RAIN DAYS 15

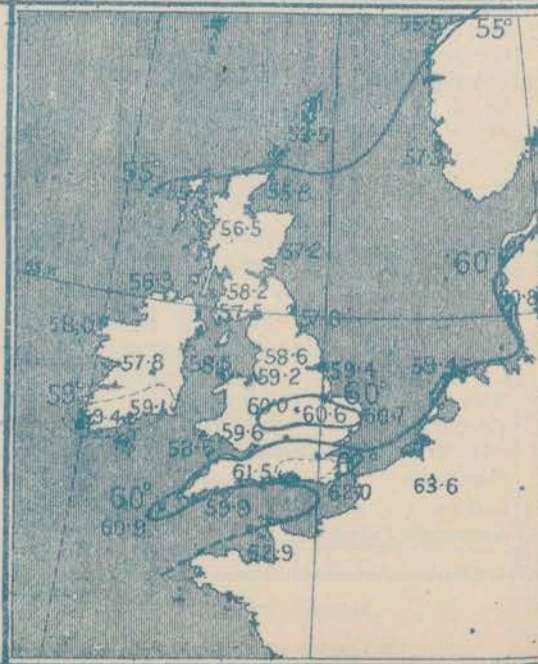
*Malin Head & Belmullet-Blacksod Values are for only 15 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Two monthly period*

*July-August (1871-1900.)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Since yesterday the barometer has begun to rise rather more decidedly at our southern stations than of late, and to fall in Scandinavia and Scotland. The depression recently observed over England has moved southward to the western part of the English Channel and is apparently falling up slowly, but a new one has appeared over the Sound and S.E. of Sweden. Readings vary from 30.0 in: and more over the north of Sweden, the extreme west of Ireland, and at Liden to less than 29.9 in: all over Denmark, the North Sea, England and the N. of France, and to less than 29.8 in: in the two shallow minima above referred to.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is now E. & N.E. at most of the stations in the south of Norway, N. in Ireland, N.W. to N. over the southern parts of France, very variable elsewhere. It is light generally, almost calm over England and the Channel. Temperature is changing fitfully over Sweden, but has altered very little elsewhere, it ranges from 78° at Stockholm, 69° at Berlin, 70° at Vienna and 64° in London to 53° at Edinburgh Head and 55° at Blackhead. The values in Sweden are again very high; in our Islands they differ but little from the average. Weather over the British Islands and France is not so disturbed as of late but is still unsettled and dull over the greater part of Scotland and Ireland - rainy at Aberdeen, foggy at Edinburgh Head, and stormy clear on our southeast coasts. Over Scandinavia it is fine. Sea is moderate in the extreme northwest and west, slight to smooth elsewhere.

During the past day very large falls of rain have occurred over the southern parts of England, and thunder and lightning have occurred over several parts of this country and France. At Fox Lane, Brighton 0.93 in: of the rainfall occurred between 6 p.m. and 7 p.m.; (this fall was very local). Liverpool Observatory was the only station in our Islands where the maximum temperature exceeded 70°, but 80° to 85° occurred in the south of France. Bright sunshine ranged from about 10 hours at Stormway, and 7 to 8 hours in the west and northwest of England to 3 or 4 hours in Ireland, but only 2 hours at Aberdeen and 1 at Nottingham.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on JULY 29<sup>TH</sup> 1901

### 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

### WARNINGS

NONE

ISSUED.

NONE ISSUED.

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

\* For terms for transmission of Forecasts by 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	66	56	11.6	-
Newton Reigny (Penrith)	29.86	60	Sw 1	o	29.89	+ .02	61	58	+ 2	NE 1	c	*	c. pr. bc	70	55	4.5	0.18
Bath	29.70	59	w 1	o	29.85	+ .15	61	58	+ 1	NE 1	o	*	o	64	56	0.3	0.31

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	71	58	o, c, b	7.8	-	Worthing	*	*	l, c	1.0	*
Birmingham, 9 p.m.	67	57	o, c, p, c	2.9	0.14	Llandudno	68	60	l, c	8.0	0.08
Lowestoft, 6 p.m.	66	57	p, r, c	2.7	0.03	Rhyl	*	*	*	*	*
Hastings	*	*	*	6.8	*	Southport	73	55	c, o, p	7.8	0.02
Eastbourne	*	*	*	*	*	Manchester, 9 p.m.	69	54	c, o, v, w	7.0	-
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.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 27	73	59	bc, bc	Ins.	Algiers ... JULY 27	86	72	b, f	Ins.
Madrid	92	61	b, b	-	Tunis	86	70	o, bc	0.12
Corsica (I. Sanguinaires)	84	61	m, m	-	Vienna	77	63	o, c	0.04
Rome	90	66	o, b	-	St. Petersburg	86	61	b, o	-
Florence	83	60	b, b	0.43	Lugano ... JULY 26	73	-	r	Measured 7 a.m. 26
Trieste	84	64	b, o	0.99	Davos	59	-	o	0.20
Brindisi	93	62	b, bc	-	Lucerne	72	-	o	0.12
Napies	86	70	o, b	-	Lausanne	70	-	bc	0.20
Palermo	91	69	o, 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, 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.

July 28, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.6	11.59	7.51
Greenwich	4.18	12.6	7.54
Wick	3.55	12.18	8.41
Valencia	4.57	12.47	8.38

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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, 29<sup>th</sup> July,

1901.

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 ...	30.01	71	Z	0	b	29.97	-.09	72	65	+5	Z	0	b	x	b	86	54	*	-	
	Hernösand ...	29.99	68	Z	0	b	29.97	-.05	72	68	+1	S	4	b	x	b	81	55	*	-	
	Stockholm ...	29.97	70	SSE	4	o	30.03	+1.3	76	66	-2	SSW	2	b	x	o	82	68	*	-	
	Wisby ...	30.03	67	S	4	b	30.05	+2.0	74	67	+3	S	4	b	x	b	75	61	*	-	
	Karlstad ...	29.87	73	E	4	o	29.95	+0.6	69	65	0	S	6	o	x	o, r	*	*	*	-	
	Färder (X'ania Fjord)	29.80	70	NNE	4	c	29.86	-.01	67	66	+1	S	4	r	2	c	72	64	*	0.40	
	Bodö ...	29.80	67	Z	0	b	29.77	-.15	68	59	+7	Z	0	b	0	b	68	59	*	-	
	Christiansund ...	29.87	68	WNW	1	b	29.80	-.13	66	62	+1	WNW	2	c	1	b	75	63	*	-	
	Skudesnaes ...	29.86	68	Z	0	o	29.88	-.01	66	64	0	WNW	5	c	2	o	75	64	*	-	
	Sumburgh Head	29.85	54	WNW	2	f	29.87	-.05	54	54	+1	W	2	o	3	c, f	58	49	*	0.01	
BRITISH ISLANDS.	Stornoway ...	29.92	57	S	2	b	29.93	-.04	56	55	-3	SW	4	of	4	o, b	64	52	4.0	-	
	Malin Head ...	29.94	57	WNW	2	of	30.01	+0.8	58	56	+2	WSW	2	og	1	c, f, of	58	54	*	-	
	Blacksod Pt. ...	30.02	56	SW	2	om	30.07	+0.6	59	58	+4	SW	4	m	3	om	59	54	*	0.01	
	Valencia ...	30.03	58	WNW	4	o	30.14	+1.6	58	57	0	WNW	1	om, d	3	c, o	62	56	5.8	0.02	
	Roche's Point ...	29.94	70	WNW	3	b	30.10	+1.6	60	56	-1	WNW	4	bc	3	b	72	57	*	-	
	Parsonstown ...	29.93	72	W	1	b	30.07	+1.3	56	55	-2	W	1	o	x	b	73	55	5.9	-	
	Donaghadee ...	29.92	58	WNW	2	b	30.05	+1.4	56	55	-2	SE	2	f	2	b, f	64	53	*	-	
	Liverpool Obsy. ...	29.89	64	W	1	o	30.04	+1.8	63	61	+3	EHE	1	bc	1	op	67	58	*	0.33	
	Holyhead ...	29.91	60	H	2	bc	30.07	+1.9	56	55	-4	W	2	f	1	b, bc	63	55	*	-	
	Pembroke (St. Ann's)	29.88	64	H	2	c	30.09	+1.4	61	60	-1	H	2	b, m	2	c	68	56	5.2	-	
GERMANY, &c.	Scilly (St. Mary's) ...	29.89	63	WNW	4	bc	30.04	+2.2	62	59	+2	H	2	bc, w	1	bc	65	57	12.2	-	
	Jersey (St. Aubins) ...	29.86	65	ESE	2	cm	30.02	+2.0	64	61	+1	NE	2	om	2	bc, c, eg	69	59	7.0	-	
	Portland Bill ...	29.88	63	W	1	cm	30.02	+1.8	64	62	+5	WNW	1	b, m	1	c, t, cm	66	57	*	-	
	Dungeness ...	29.86	65	E	2	b	30.01	+1.8	67	64	+2	SE	1	c	1	bc, b	69	53	*	-	
	Wick ...	29.90	60	S	1	b	29.93	-.02	58	56	+2	S	1	f	1	b	64	50	*	-	
	Nairn ...	29.90	64	E	1	b	29.94	-.02	64	62	+5	W	2	b	1	b	69	53	*	-	
	Aberdeen ...	29.93	59	E	1	b	29.95	+0.1	64	62	+8	W	1	b, m	1	o, b	65	51	4.3	-	
	Leith ...	29.91	65	SE	1	b	29.98	+0.6	64	61	+7	SW	3	c	x	b	65	50	*	-	
	North Shields ...	29.90	61	H	3	o	30.00	+1.4	63	60	+4	SW	2	c	2	p, o, f	63	54	*	0.45	
	Spurn Head ...	29.88	62	EHE	3	bc	30.04	+2.1	62	61	0	WNW	2	bc	1	bc	67	57	*	-	
FRANCE.	Yarmouth ...	29.87	65	SE	2	b	30.02	+1.8	64	61	+1	NE	2	b	2	b	66	55	*	-	
	Loughborough ...	29.87	65	WNW	1	bc	30.08	+2.2	58	58	-2	WNW	1	om, w	x	c, p, bc, f	70	54	*	0.02	
	Oxford ...	29.90	61	S	4	r	30.05	+2.0	61	59	+1	S	2	b	x	bc, t, l, r	72	52	*	0.06	
	London (Brixton) ...	29.85	69	Z	0	bc	30.04	+1.9	66	61	+2	E	1	b	x	c, p, t, b	71	52	4.7	0.01	
	The Scaw (Skaggon) ...	29.77	69	S	1	c	29.93	+1.5	66	64	-1	SW	5	o	1	c	77	64	*	0.12	
	Faro ...	29.90	66	SW	2	b	30.00	+1.8	67	64	+2	WSW	3	c	x	b	72	64	*	-	
	Cuxhaven ...	29.91	67	W	2	bc	30.07	+2.4	65	61	-2	W	1	b	x	bc	72	64	*	-	
	The Helder ...	*	*	*	*	*	30.05	+1.6	64	60	0	SSW	1	c	x	b	74	53	*	-	
	Brussels ...	*	*	*	*	*	30.03	+1.6	69	63	0	W	2	r	x	bc	84	61	*	0.04	
	Berlin ...	29.93	76	SSW	2	bc	30.03	+1.6	69	63	0	W	2	r	x	c	77	61	*	-	
SPAN. PEN.	Frankfurt ...	29.96	66	Z	0	c	30.04	+1.2	66	61	+3	SW	2	c	x	c	77	61	*	-	
	Munich ...	30.00	67	W	4	c	30.13	+1.3	65	62	-1	SW	2	c	x	c	75	57	*	0.04	
	C. Gris Nez ...	29.94	67	E	1	bc	30.02	+1.6	68	64	+8	SSE	1	m	0	bc	73	59	*	-	
	Brest ...	29.88	61	WNW	3	o	30.02	+2.2	59	59	+1	WNW	2	o	1	o	68	57	*	0.08	
	Lorient ...	29.86	62	W	2	a	30.00	+1.7	58	57	-2	NNE	2	m	2	e	68	55	*	0.20	
	Rochefort ...	29.99	67	W	3	c	30.01	+0.6	64	61	0	W	3	c	x	c	70	61	*	0.08	
	Biarritz ...	30.02	68	W	4	bc	30.07	+1.0	64	64	+3	WSW	4	r	2	bc	70	61	*	0.16	
	Paris ...	29.89	66	WNW	2	bc	30.04	+1.3	61	59	0	S	1	b	x	bc	73	53	*	0.47	
	Belfort ...	29.96	59	W	6	t, l, r	30.04	+0.9	59	57	+4	W	2	o	x	t, l, r	74	55	*	0.51	
	Lyons ...	30.01	57	SW	1	t, l, r	30.08	+0.9	62	60	+3	SSE	1	o	x	t, l, r	74	54	*	0.95	
Nice ...	29.91	73	SE	6	bc	29.99	+0.5	73	63	+3	E	1	bc	1	bc	82	64	*	-		
Perpignan ...	29.92	67	W	1	o	30.06	+1.7	60	60	-5	W	2	o	x	t, l, r	74	59	*	0.28		
Corunna ...	30.02	62	WNW	5	o	30.02	0.0	65	57	+2	WNW	6	b	x	b	70	61	*	-		
Lisbon ...	30.33	70	NE	2	o	30.35	+0.9	70	65	+2	NE	2	c	2	o	75	66	*	-		
Azores (P. Delgada)																					

Erratum, - In the Addition & Correction Sheet for May the Bright Sunshine values for Aberdeen & Jersey (1.3 and 10.9 respectively) were entered in the Minimum Temperature Column in error.



# WEATHER CHARTS

FOR *Monday, 29<sup>th</sup> July, 1901.*

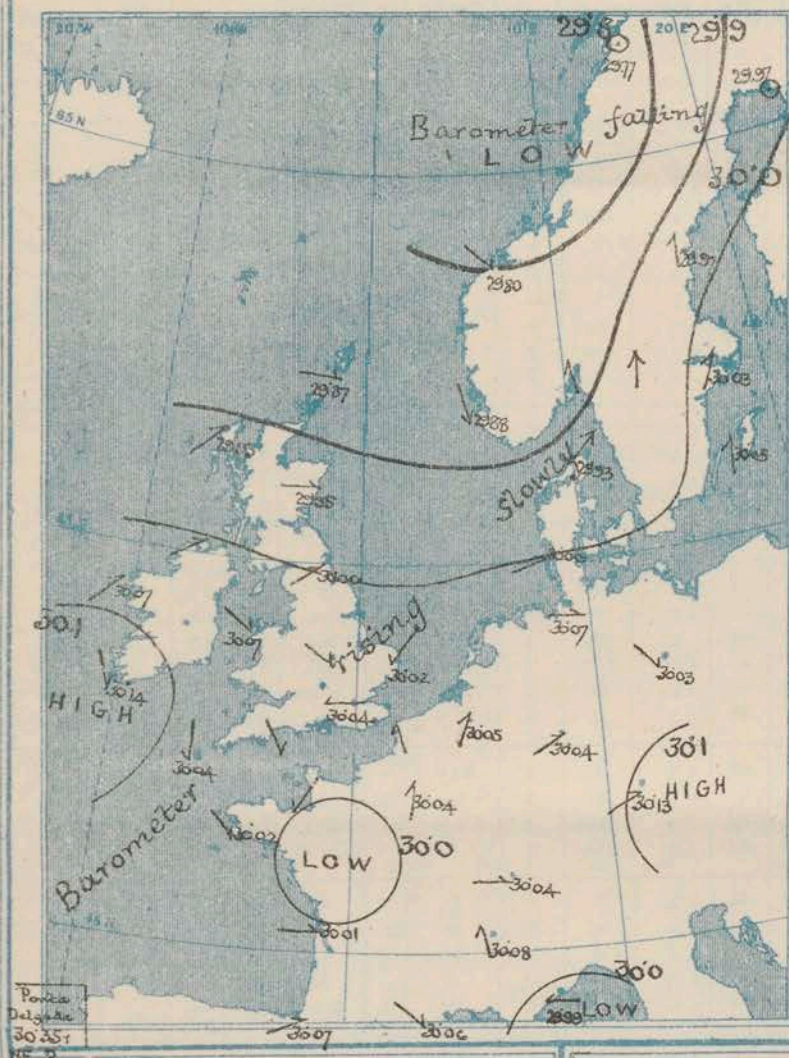
## I. BAROMETER, WIND AND SEA. *This Morning.*

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 ■

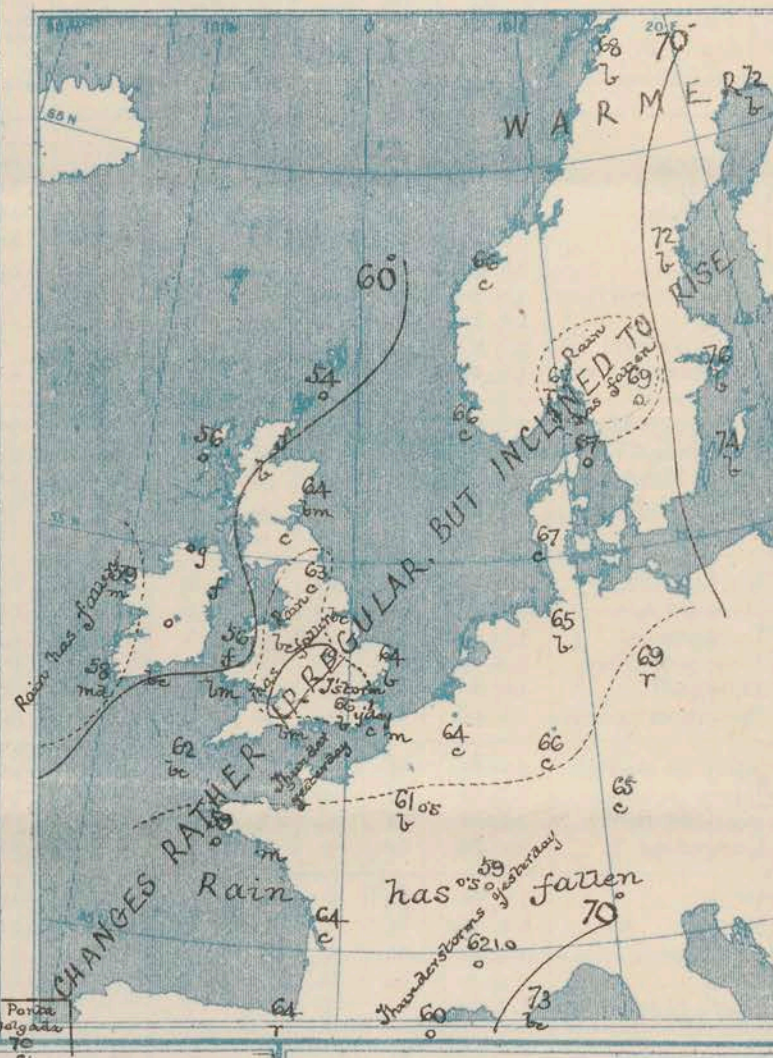


## II. TEMPERATURE AND WEATHER. *This Morning.*

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.*

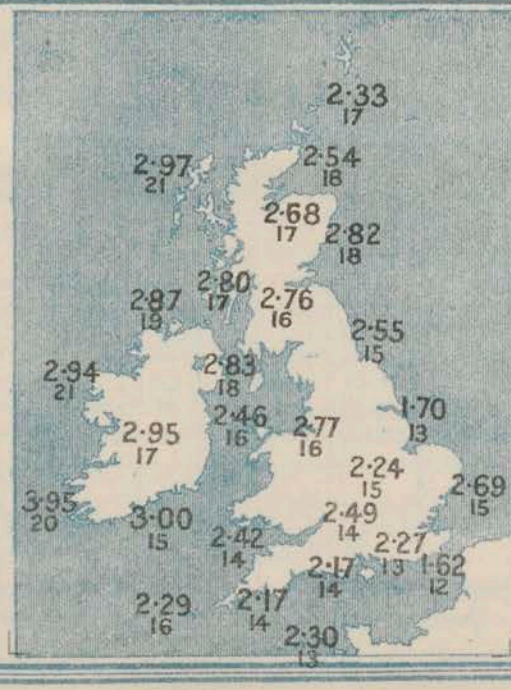


## IV Average RAINFALL and NUMBER OF RAIN DAYS

*in month of JULY (1871-1900)*

Specimen { RAINFALL 2.55  
(for Shields) { RAIN DAYS 15

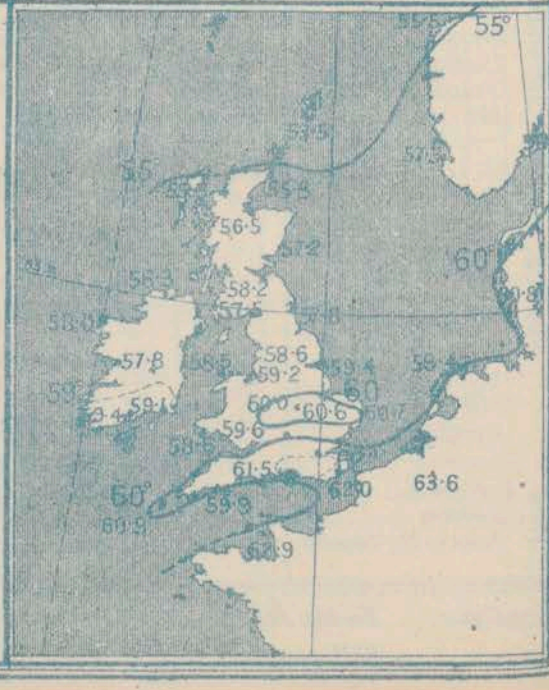
*Malin Head & Belmullet-Blacksod Values are for only 15 Yrs*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Two monthly period*

*July-August (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Since yesterday morning barometric pressure has increased at all but the northern stations, where it has decreased somewhat, and the distribution has become much more simple than of late. The anticyclone over Northern Europe has given way, and readings now vary from 30.10 in: and more over the south of Ireland to 28.77 in: at Bodo, and 29.9 in: at Nice.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind varies from between South, Southwest and Northwest at the northern stations and is fresh in force at some of the Scandinavian stations; over Ireland, England, and France it is exceedingly light and variable but generally N.W. on our own south-west coasts. Temperature has risen over the north of Scandinavia, not changed much elsewhere, and varies from 76° at Stockholm, 69° at Berlin and 73° at Nice to 66° in London, 54° at Dunburgh Head and 56° over central and eastern Ireland. The high values are therefore rather below the average, but not those over Great Britain. The weather is much finer than of late, though fog prevails at Wick and Donaghadee, misty drizzle in the west of Ireland, rain at Berlin. Sea is smooth except in the extreme west and northwest.

During yesterday, temperature rose to between 43° and 70° in the south of Ireland and several parts of England, to 84° at Berlin, 82° at Nice. Very little rain fell in any part of our Islands, but a good deal over France and thunderstorms were observed at many southern stations. Bright sunshine yesterday was greatest (more than 10 hours) at our southern and eastern stations, least (4 to 6 hours) in the north and west.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is now rising all over our Islands, and the appearance becoming more favourable for fine, quiet weather than of late, with rising temperature.

## FORECASTS \*

For the 24 hours ending at NOON on JULY 30<sup>TH</sup> 1901

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

1 { SCOTLAND  
EAST

2 { ENGLAND  
N.E.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

5 { ENGLAND  
SOUTH

{ Southwesterly and Westerly breezes, moderate; some rain.

{ Variable and Westerly airs; finer, warmer.

{ Very variable airs, then Northwesterly to Northeasterly; fine, warm.

### DISTRICTS.

### FORECASTS.

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

Same as No. 0.

{ Northwesterly and Northerly breezes, light; fine, warmer.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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	69	50	13.8	-
Newton Reigny (Penrith)	29.84	65	NE 1	c	30.03	+1.14	59	57	- 2	NE 1	c	*	c	69	50	4.3	-
Bath	29.85	64	W 2	bc	30.07	+1.22	59	58	- 2	NE 1	o	*	bc	70	51	5.2	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m.	62	55	dp c	0.0	0.15	Worthing	*	*	*	10.9	*
Birmingham, 9 p.m.	66	52	o.c	0.1	0.13	Llandudno (to 6 p.m.)	*	*	*	2.0	*
Lowestoft, 6 p.m.	*	*	*	12.8	*	Rhyl (to 6 p.m.)	*	*	*	4.0	*
Hastings	*	*	*	11.8	*	Southport	68	57	o.r.c	1.2	0.27
Eastbourne (to 6 p.m.)	*	*	*	10.2	*	Manchester, 9 p.m.	*	*	*	*	*
Brighton	*	*	*	11.4	*	Darwen, 9 p.m.	62	55	o.r.o	0.2	0.50

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) July 28 <sup>th</sup>				Ins.	Algiers July 28 <sup>th</sup>				Ins.
Madrid					Tunis			Information	
Corsica (I. Sanguinaires)			Information		Vienna			not arrived.	
Rome					St. Petersburg				
Florence			not		Lugano July 27 <sup>th</sup>	72	—	r	Measured 7 a.m. 27 <sup>th</sup> 1.50
Trieste					Davos	63	—	bc	0.16
Brindisi			arrived.		Lucerne	68	—	o	0.16
Naples					Lausanne	70	—	o	—
Palermo									

## 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.	Corre- sponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corre- sponding Greenwich Times.	29 July 1901.	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 ... ..	4.7	11.59	7.50
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.20	12.6	7.52
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	3.57	12.18	8.39
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	4.58	12.47	8.37
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 8 p.m.



# DAILY WEATHER REPORT

for 8 a.m. on *Tuesday, 30<sup>th</sup> July, 1901.*  
*Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.*

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine. Hours	Rainfall. Ins.		
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.	Min.	Sun- shine. Hours	Rainfall. Ins.						
Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	°					
SCANDINAVIA.	Haparanda ...	29.80	68	S	6	0	29.77	-.20	63	63	-9	N	4	0	*	0	77	63	*	0.10	
	Hernösand ...	29.86	69	S	4	bc	29.91	-.06	68	61	-4	N	4	b	*	bc	77	55	*	0.12	
	Stockholm ...	29.99	70	SSE	2	b	30.01	-.02	69	64	-7	N	6	0	*	b	82	64	*	-	
	Wisby ...	30.04	69	SSW	4	b	30.06	+.01	70	66	-4	NW	4	b	*	b	81	59	*	-	
	Karlstad ...	29.97	?	SSW	2	0	30.02	+.07	66	63	-3	SW	2	0	*	0.7	*	*	0.04		
	Færder (X'ania Fjord)	29.93	68	SSW	4	0	30.01	+.15	68	57	+1	N	1	m	3	0	72	66	*	0.12	
	Bodö ...	29.81	58	W	6	r	29.92	+.15	54	49	-4	W	2	0	1	*	68	50	*	2.60	
	Christiansund ...	29.95	63	NW	2	0	29.98	+.18	59	59	-7	SE	2	r	1	0	66	59	*	0.12	
	Skudesnaes ...	30.04	62	NW	2	0	30.10	+.22	64	61	-2	S	2	c	1	0	66	61	*	*	
	Sumburgh Head	29.95	56	W	2	0	29.95	+.08	56	56	+2	SSW	2	r	3	m.0	58	54	*	0.03	
Stornoway ...	29.99	65	W	2	c	30.00	+.07	59	57	+3	NW	4	0	4	0.0	65	54	1.9	-		
Malin Head ...	30.10	58	W	4	ogm	30.17	+.16	58	58	0	W	4	rf	4	bc.ogm	60	57	*	0.04		
Blacksod Pt. ...	30.17	61	W	4	c	30.26	+.19	59	58	0	NW	3	f	3	om.c	62	58	*	0.02		
Valencia ...	30.24	62	Z	0	0	30.33	+.19	59	59	+1	Z	0	f.d	3	om.0.0	65	57	0.0	0.06		
BRITISH ISLANDS.	Roche's Point ...	30.21	64	NW	2	r	30.32	+.22	62	59	+2	NW	2	0	2	a	66	59	*	0.01	
	Parsonstown ...	30.16	66	NW	1	0	30.27	+.20	60	59	+4	SW	1	0	*	0.0	67	56	0.0	0.03	
	Donaghadee ...	30.10	64	NW	1	ogmp	30.19	+.14	63	61	+7	NW	2	og	2	gm.0	64	55	*	0.04	
	Liverpool Obsy.	30.12	59	NW	2	0	30.24	+.20	61	60	-2	NW	1	r	2	0	68	58	*	0.03	
	Holyhead ...	30.14	62	NW	1	c	30.23	+.16	61	59	+5	N	1	am	1	cf	63	56	*	0.07	
	Pembroke (St. Ann's)	30.17	60	NW	3	bc	30.24	+.15	60	60	-1	N	1	rf	2	bc	68	56	10.9	0.25	
	Scilly (St. Mary's)...	30.17	62	NW	4	0	30.25	+.21	62	62	0	NW	1	f	0	bc.0	64	57	7.8	0.20	
	Jersey (St. Aubin)...	30.12	69	NW	2	bc	30.24	+.22	69	62	+5	NE	1	bm	1	bc	72	56	9.0	-	
	Portland Bill ...	30.12	66	NW	1	bc	30.23	+.21	65	63	+1	Z	0	b	1	bc	70	58	*	-	
	Dungeness ...	30.11	65	SE	2	c	30.22	+.21	68	64	+1	E	1	b	1	c	71	54	*	-	
Wick ...	30.02	55	Z	0	f	30.00	+.07	65	63	+7	S	1	bc	1	f	65	52	*	-		
Nairn ...	30.01	65	W	3	0	30.03	+.09	68	63	+4	W	2	c	1	0	77	57	*	-		
Aberdeen ...	29.96	70	SE	1	b	30.06	+.11	64	61	0	ESE	1	c	0	b	72	57	11.3	-		
Leith ...	30.04	67	W	2	c	30.11	+.13	64	60	0	NW	4	c	*	c	75	58	*	-		
North Shields ...	30.04	73	NW	3	bc	30.15	+.15	65	64	+2	SW	3	c	2	c.0	75	56	*	-		
GERMANY, &c.	Spurn Head ...	30.10	65	ESE	4	b	30.19	+.15	64	62	+2	NW	4	b	3	b	71	60	*	-	
	Yarmouth ...	30.10	69	ESE	2	b	30.20	+.18	67	63	+3	NW	1	b	2	b	69	56	*	-	
	Loughborough ...	30.10	75	NW	1	c	30.24	+.16	63	60	+5	NW	2	cw	*	cm.0.0m	79	56	*	-	
	Oxford ...	30.13	68	N	1	bc	30.24	+.19	59	58	-2	N	1	of	*	bc	77	54	*	-	
	London (Brixton)	30.09	71	SSW	2	bc	30.24	+.20	64	61	-2	NW	1	b	7	cl.0m	77	54	9.0	-	
	The Scaw (Skagen)	30.00	65	W	3	0	30.02	+.09	67	64	+1	W	3	b	0	0	77	64	*	-	
	Fanö ...	30.14	66	W	2	c	30.21	+.21	66	62	-1	NW	3	c	*	c	72	64	*	-	
	Cuxhaven ...	30.14	68	NW	1	b	30.23	+.16	66	64	+1	NW	2	b	*	b	72	59	*	-	
	The Helder ...	30.11	68	NE	1	b	30.22	+	71	64	+	Z	0	b	0	b	72	63	*	-	
	Brussels ...	*	*	*	*	*	30.23	+.18	64	63	0	NW	1	f	*	b	79	54	*	0.04	
Berlin ...	30.11	68	NW	1	c	30.22	+.19	68	62	-1	NW	2	b	*	c	75	61	*	0.88		
Frankfurt ...	30.12	67	NE	2	b	30.20	+.16	67	62	+1	NE	2	b	*	b	79	61	*	-		
Munich ...	30.19	68	SE	1	c	30.25	+.12	67	64	+2	SE	2	0	*	c	72	59	*	0.04		
FRANCE.	C. Gris Nez ...	?	68	E	1	m	?	?	67	64	-1	E	1	m	0	m	73	57	*	0.08	
	Brest ...	30.16	66	N	2	bc	30.25	+.23	59	58	0	N	1	0	1	bc	72	57	*	-	
	Lorient ...	30.12	66	NW	3	c	30.26	+.26	58	57	0	NNE	3	b	2	c	70	55	*	-	
	Rochefort ...	30.16	68	NW	3	c	30.24	+.23	66	64	+2	NW	2	0	*	c	75	61	*	0.08	
	Biarritz ...	30.17	69	W	3	bc	30.23	+.16	65	64	+1	ESE	1	0	2	bc	?	64	*	-	
	Paris ...	30.10	73	S	1	bc	30.22	+.18	63	61	+2	NE	1	b	*	bc	78	56	*	0.04	
	Belfort ...	30.06	68	Z	0	0	30.17	+.13	60	59	+1	NE	1	m	*	0	76	56	*	0.12	
	Lyons ...	30.10	71	NE	1	bc	30.18	+.10	66	59	+4	NE	1	0	*	bc	72	58	*	-	
	Nice ...	30.04	73	E	1	bc	30.17	+.18	62	61	-1	E	6	r	*	bc	82	61	*	2.21	
	Perpignan ...	30.08	71	W	2	bc	30.12	+.06	69	63	+9	NW	2	c	*	bc	80	60	*	-	
SPAN. PEN.	Corunna ...	30.07	64	NW	7	b	30.11	+.09	73	60	+8	NNE	4	b	*	b	72	63	*	-	
	Lisbon ...	30.07	69	NE	3	c	30.41	+.06	70	64	0	ESE	3	0	2	c	75	68	*	-	
	Azores (P. Delgada)	30.41	69	NE	3	c	30.41	+.06	70	64	0	ESE	3	0	2	c	75	68	*	-	

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

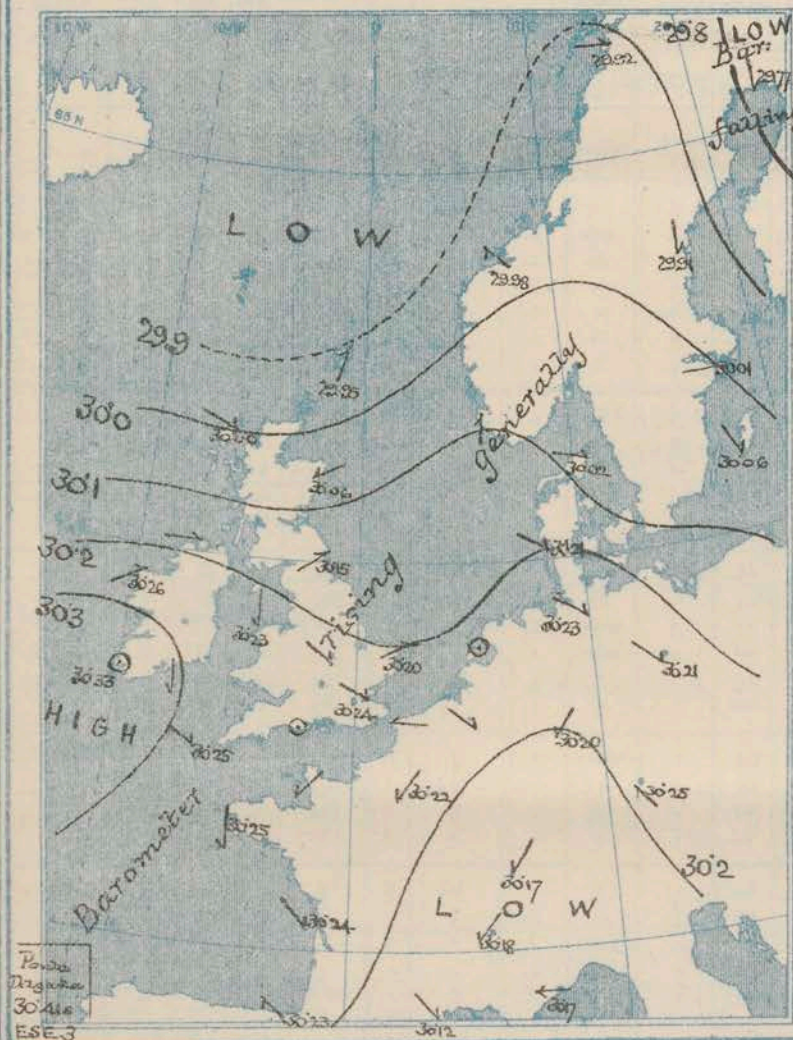
\* Observations for this column not generally received.

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



FOR Tuesday, 30<sup>th</sup> July, 1904.

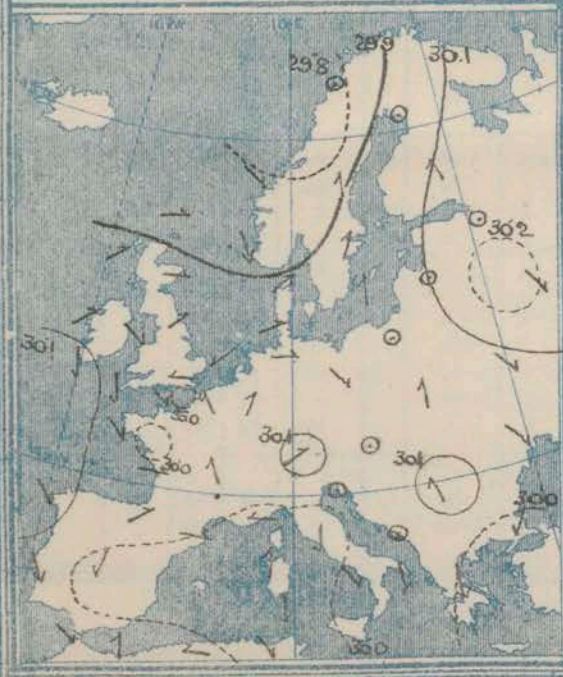
SEA.—Rough  : High



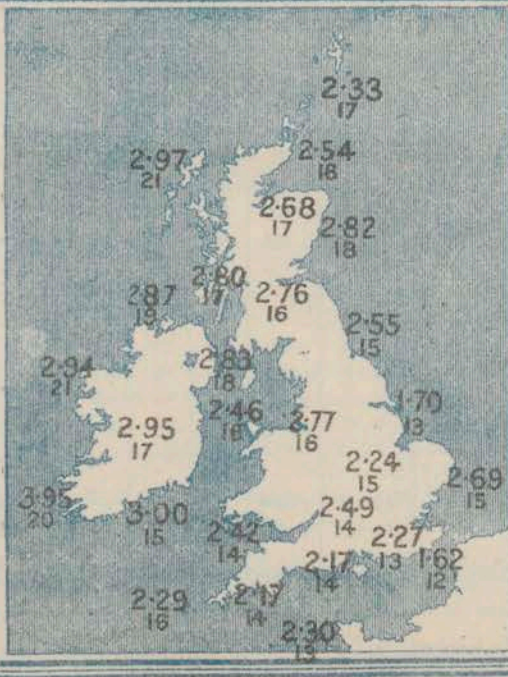
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6



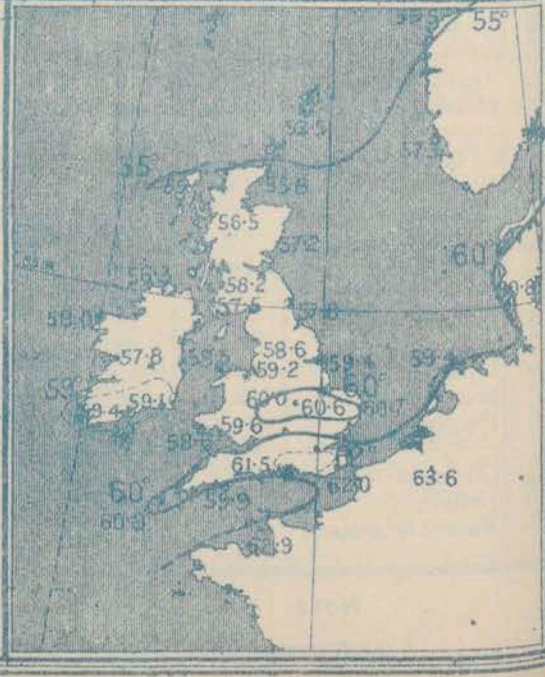
*Yesterday morning.*



*Malin Head & Belmullet-Black sod Values are for only 15 Yrs*



*July-August (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Since yesterday the barometer has risen in all parts of France, the British Islands, the North Sea, and Norway, fallen over Sweden, especially at Stockholm. Readings now vary from 30.33 ins: at Valencia, and 30.2 ins: or more over the west of France, the south of England and North Germany, to 29.92 ins: at Bodo; 29.95 ins: at Edinburgh Head, and 30.17 ins: at Nice.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is mainly westerly in the north of our Islands, southerly to southeasterly in the west of Norway, and moderate in force. Over the southern parts of the Kingdom and in France and Germany it is exceedingly light and variable. Temperature has risen a little in Scotland, fallen over Scandinavia, not changed much elsewhere. It ranges from 69° both at Bognor and Stockholm to 54° at Bodo, and 59° in the west of Ireland. In Scotland it is locally high (60° at Cairn) and is several degrees above the average. Weather is fair over Great Britain, foggy at our extreme south-western and western stations, and rain is falling at St. John's Head, Malin Head, Edinburgh Head and Christiansund.

During yesterday there was some thunder in London, and in the northwest considerable quantities of rain fell in the evening, while the southern suburbs escaped. The amounts of Bright Sunshine were large in many parts of Great Britain, but were irregularly distributed. At Portsmouth and Valencia there was none.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

With the present distribution of pressure further rain may be expected in the west and northwest, and some over France and Germany. The south and east of England appear likely to have fair weather as a whole.

## FORECASTS \*

For the 24 hours ending at NOON on JULY 31<sup>ST</sup> 1901

### DISTRICTS.

### FORECASTS.

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

W<sup>ly</sup> and SW<sup>ly</sup> winds, moderate; cloudy, rain at times.

SW<sup>ly</sup> and W<sup>ly</sup> breezes, light; fair as a whole.

### DISTRICTS.

### FORECASTS.

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

Same as No: 0.

Same as Nos 1 to 5.

Variable airs and calms; fair generally.

### WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (  $\nabla$  ), 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 (  $\nabla$  ), 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	71	59	13.1	-
Newton Reigny (Penrith)	30.08	69	w 3	b	30.18	+ .15	63	60	+ 4	Wsw 2	0	*	c.m.b.o	76	56	8.5	0.01
Bath	30.07	69	w 1	b	30.24	+ .17	60	59	+ 1	w 1	0	*	b	76	56	10.2	-

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE. Max. Min.		Weather.	Sunshine. hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE. Max. Min.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
Harrogate, 6 p.m.	77	55	b.c.	10.8	-	Worthing	*	*	*	9.4	-
Birmingham, 9 p.m.	70	55	o.c.	1.4	-	Llandudno (to 6 p.m.)	*	*	*	8.4	*
Lowestoft, 6 p.m.	68	55	b	13.6	-	Rhyl	*	*	*	6.0	*
Hastings	*	*	*	9.9	*	Southport	69	53	c.o	11.1	-
Eastbourne (to 6 p.m.)	*	*	*	8.0	*	Manchester, 9 p.m.	73	51	b.c.c.b.c	6.5	-
Brighton	*	*	*	10.6	*	Darwen, 9 p.m.	72	51	c.b.o.w	9.7	-

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

STATIONS.	TEMPERATURE. Max. Min.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE. Max. Min.		WEATHER.	RAIN.
Madeira (Funchal) JULY 29 <sup>th</sup>	72	59	a, b	Ins.	Algiers ... JULY 29 <sup>th</sup>	91	77	c, o	Ins.
Madrid	84	59	b, b	-	Tunis	95	72	o, c	0.20
Corsica (I. Sanguinaires)	84	63	f, m	-	Vienna	84	59	b, b	-
Rome	91	66	o, b	-	St. Petersburg	86	64	o, b	-
Florence	91	66	b, o	-	Lugano ... JULY 28 <sup>th</sup>	1 p.m.	-	-	Measured 7 a.m. 28 <sup>th</sup>
Trieste	84	61	c, o	-	Davos	-	-	Information not arrived.	-
Brindisi	89	59	b, b	-	Lucerne	-	-	-	-
Naples	90	74	b, b	-	Lausanne	-	-	-	-
Palermo	-	-	-	-					

## 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, 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.

30 July, 1901.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.8	11.59	7.49
Greenwich	4.21	12.6	7.51
Wick	3.59	12.18	8.37
Valencia	4.58	12.47	8.36

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 WEDNESDAY, JULY 31<sup>st</sup> 1901.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	TEMP.		Sun- shine. Hours	Rainfall. Ins.
		At 32° and M. S. L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Max.	Min.		
SCANDINAVIA.	Haparanda ...	29.77	66	S	2	c	29.62	-15	62	61	-1	2	0	0	c	75	61	.	0.12		
	Hernösand ...	29.87	68	S	6	c	29.90	-01	67	59	-1	NW	8	b	c	82	61	.	—		
	Stockholm ...	29.95	69	SE	2	c	29.92	-09	66	62	-3	W	2	0	c	79	64	.	—		
	Wisby ...	30.03	69	SE	4	b	29.97	-09	68	64	-2	NW	4	c	b	75	63	.	—		
	Karlstad ...	29.96	72	SE	2	b	29.96	-06	69	60	+3	NW	4	b	b	.	.	.	—		
	Färder (X'ania Fjord)	29.93	74	SE	4	b	30.02	+01	69	58	+1	NW	5	b	3	75	68	.	—		
	Bodö ...	29.73	54	E	2	+	29.73	-19	55	51	+1	NW	6	c	3	61	50	.	0.71		
	Christianund ...	29.86	62	W	8	c	30.17	+19	53	51	-6	NW	6	0	3	64	53	.	—		
	Skudesnaes ...	30.13	61	NW	2	0	30.22	+12	60	57	-4	NW	6	c	2	mo	66	57	.	.	
	Sumburgh Head	30.08	54	W	4	0	30.21	+25	53	50	-3	W	1	0	4	0	60	49	.	0.01	
BRITISH ISLANDS.	Stornoway ...	30.29	60	NW	2	bcm	30.24	+07	63	61	+5	W	2	c	3	bcm	63	58	.	—	
	Malin Head ...	30.30	62	W	3	cm	30.29	+03	60	59	+1	SE	4	0	3	of cm	64	58	.	0.02	
	Blacksod Pt. ...	30.36	62	W	2	om	30.36	+03	62	62	+3	2	0	f	3	om	64	58	0.1	0.02	
	Valencia ...	30.36	62	W	2	om	30.36	+03	62	62	+3	2	0	f	3	om	64	58	0.1	0.02	
	Roche's Point ...	30.33	68	NW	1	c	30.34	+02	64	62	+2	W	2	0	2	c	70	59	.	—	
	Parsonstown ...	30.29	71	W	1	c	30.32	+05	63	62	+3	W	1	0	.	c	72	60	3.6	—	
	Donaghadee ...	30.27	58	NW	3	og	30.30	+11	56	55	-7	SE	2	f	3	f.og	67	52	.	—	
	Liverpool Obsy. ...	30.27	63	W	2	og	30.30	+06	62	61	+1	NW	1	f	1	og	65	61	.	0.04	
	Holyhead ...	30.28	66	SE	1	c	30.31	+08	62	61	+1	W	1	f	1	c	67	53	.	0.01	
	Pembroke (St. Ann's)	30.28	65	NW	2	bc	30.28	+04	67	65	+7	W	2	bcm	2	bc	67	58	1.0	0.06	
GERMANY, &c.	Scilly (St. Mary's)...	30.29	63	NW	3	c	30.30	+05	62	62	0	W	2	f	1	c.m	64	60	2.5	—	
	Jersey (St. Aubins)...	30.25	70	NW	2	bcm	30.25	+01	71	65	+2	NW	1	bcm	1	bcm	75	54	14.3	—	
	Portland Bill ...	30.26	65	NW	1	bcm	30.27	+04	68	65	+3	W	1	bcm	1	bcm	70	61	.	—	
	Dungeness ...	30.22	70	W	1	b	30.22	0.0	68	65	0	W	3	bc	1	b	73	57	.	—	
	Wick ...	30.22	60	NW	4	c	30.19	+19	58	54	-7	S	4	b	2	c	68	48	.	—	
	Nairn ...	30.21	65	E	1	b	30.20	+17	61	58	-7	W	1	b	1	b	71	47	.	—	
	Aberdeen ...	30.19	65	NW	2	bc	30.27	+21	57	54	-7	SE	2	bc	1	c bc	75	53	8.6	—	
	Leith ...	30.19	68	W	3	b	30.26	+15	60	58	-4	NW	2	0	.	b	75	58	.	—	
	North Shields ...	30.19	69	W	3	c	30.28	+13	63	60	-2	W	1	bc	2	c	73	59	.	—	
	Spurn Head ...	30.22	68	NW	3	bc	30.25	+06	65	64	+1	NW	2	c	1	bc	77	63	.	—	
FRANCE.	Yarmouth ...	30.20	70	SE	2	b	30.21	+01	66	63	-1	NW	3	b	3	b	70	59	.	—	
	Loughborough ...	30.24	74	NW	3	b	30.30	+06	66	62	+3	NW	1	bcm	.	cm	77	58	.	—	
	Oxford ...	30.25	70	NW	1	b	30.28	+04	65	62	+6	W	2	0	.	b	80	58	.	—	
	London (Brixton) ...	30.21	72	W	1	om	30.26	+02	67	63	+3	2	0	b	.	bcm	80	61	7.0	—	
	The Scaw (Skagen) ...	30.08	64	W	6	bc	30.05	+03	66	62	-1	NW	4	bc	1	bc	72	63	.	—	
	Fanö ...	30.22	65	W	2	b	30.20	-01	66	66	0	NW	4	c	.	b	70	64	.	—	
	Cuxhaven ...	30.25	69	NW	1	b	30.23	0.0	67	64	+1	W	2	b	.	b	72	61	.	—	
	The Helder ...	30.21	70	W	1	b	30.22	0.0	71	67	0	W	1	b	0	b	75	61	.	—	
	Brussels ...	.	.	.	.	.	30.20	-03	67	63	+3	W	2	b	.	c	81	60	.	0.28	
	Berlin ...	30.19	74	2	0	b	30.20	-02	71	64	+3	NW	2	b	.	b	81	64	.	—	
SPAN. PEN.	Frankfurt ...	30.20	68	W	2	b	30.16	-04	65	61	-2	W	2	0	.	b	77	63	.	—	
	Munich ...	30.24	68	2	0	c	30.16	-09	64	63	-3	SE	5	0	.	c	77	61	.	—	
	C. Gris Nez ...	30.04	66	NW	1	m	30.03	.	68	65	+1	ENE	1	bc	0	m	72	59	.	—	
	Brest ...	30.27	65	W	3	b	30.29	+04	60	60	+1	NW	1	m	1	b	72	59	.	—	
	Lorient ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	—	
	Rochefort ...	30.24	70	NW	4	bc	30.17	-07	66	64	0	W	3	0	.	bc	77	63	.	—	
	Biarritz ...	30.24	69	NW	3	0	30.19	-04	67	66	+2	NW	4	0	3	0	72	63	.	0.12	
	Paris ...	30.19	77	W	2	bc	30.17	-05	63	61	0	W	2	bc	.	bc	81	60	.	—	
	Belfort ...	30.08	70	ENE	2	0	29.95	-22	66	62	+6	ENE	4	+	.	0	78	60	.	—	
	Lyons ...	30.17	68	W	1	0	29.97	-21	63	62	-3	W	1	+	.	0	71	62	.	0.55	
SPAN. PEN.	Nice ...	30.11	69	2	0	c	29.99	-18	65	62	+3	E	5	+	4	c	75	61	.	1.10	
	Perpignan ...	30.11	69	E	2	0	29.97	-15	66	61	-3	W	3	0	.	0	75	59	.	1.97	
SPAN. PEN.	Corunna ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	—	
	Lisbon ...	30.10	72	NW	5	b	30.07	-04	73	60	0	W	5	b	.	b	82	68	.	—	
SPAN. PEN.	Azores (P. Delgada)	30.39	71	2	0	0	30.32	-09	70	65	0	W	2	0	2	0	77	68	.	—	

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Westleya 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, 31<sup>st</sup> July, 1901.*

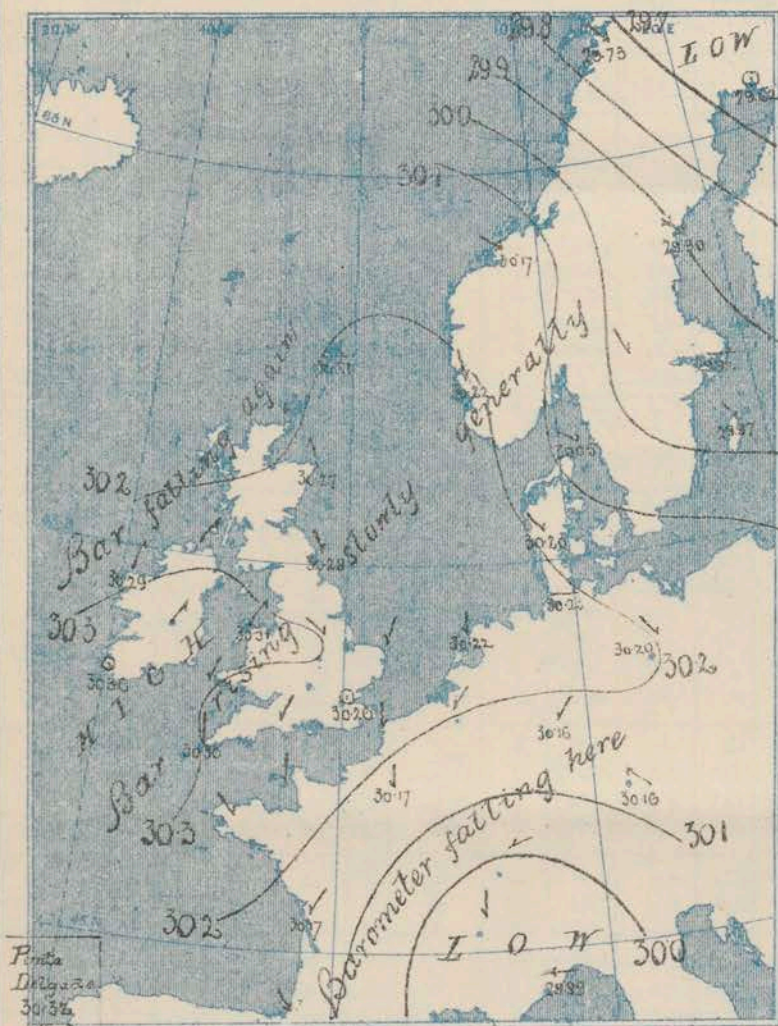
## I. BAROMETER, WIND AND SEA. This Morning.

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 :

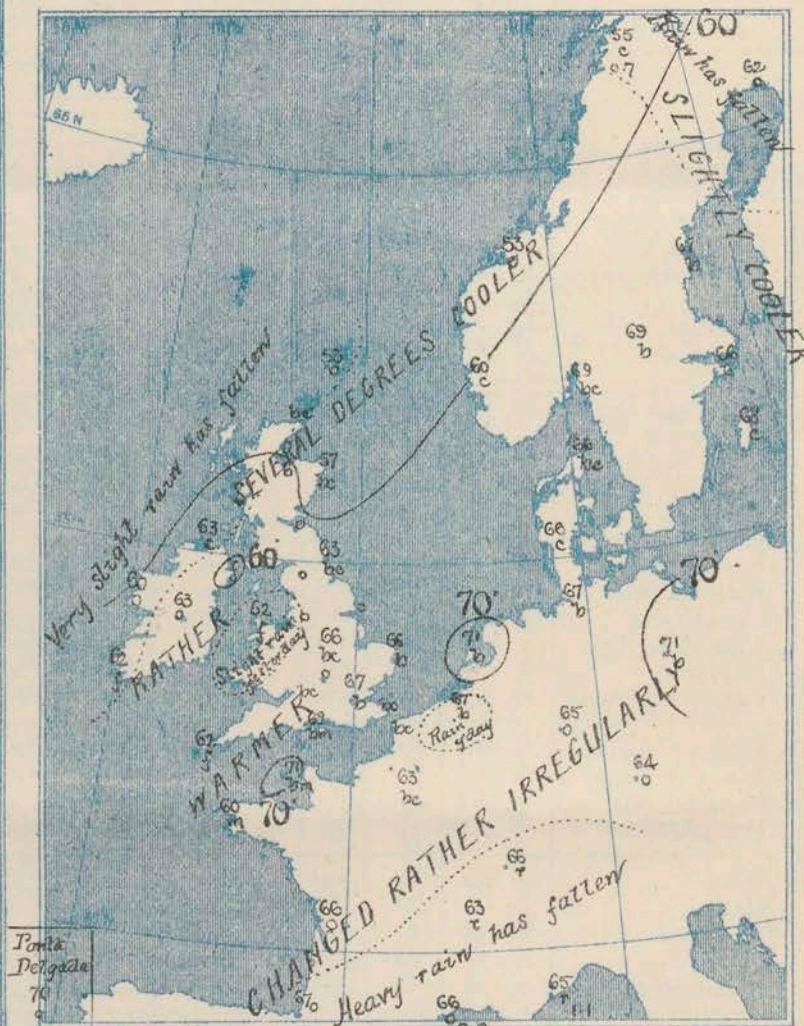


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

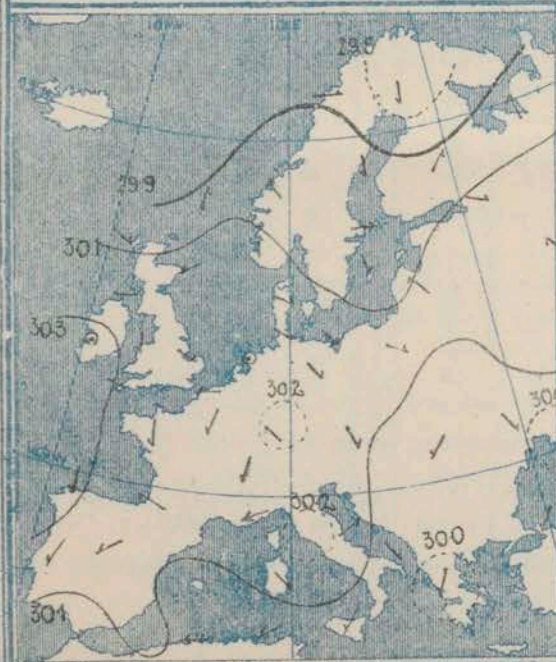
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.*

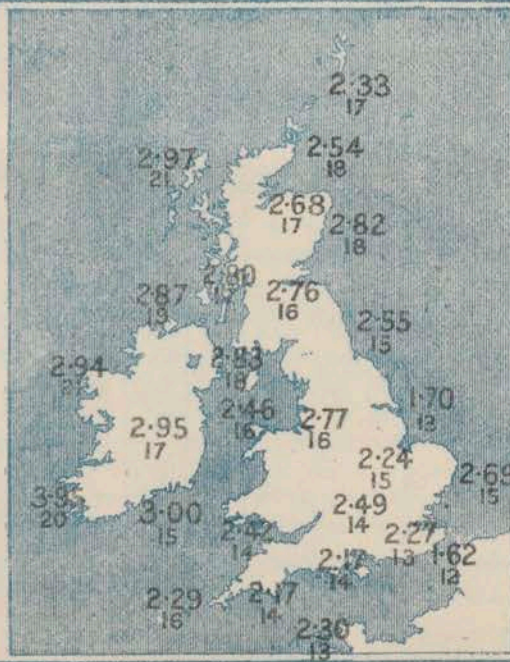


## IV. Average RAINFALL and NUMBER OF RAIN DAYS

*in month of JULY (1871-1900)*

Specimen (RAINFALL 2.55  
(for Shields) RAIN DAYS 15

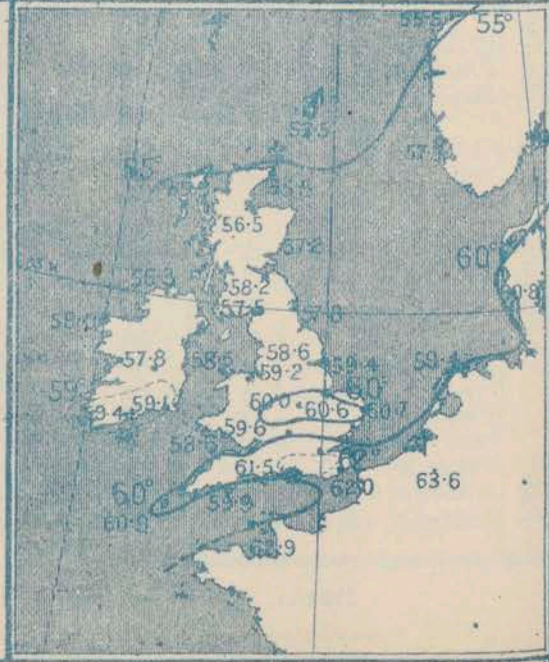
*Malin Head & Belmullet-Blacksod Values are for only 15 Yrs.*



## V. Means of DAILY TEMPERATURE

*at 8 am. for the Two monthly period*

*July-August (1871-1900)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

In the course of last night a depression of considerable size, but of no great depth, travelled across Scandinavia from the westward, its centre apparently now lying over Northern Europe, where pressure is as low as 29.6 ins. There is also another area of low pressure to the southward of France, with readings of 30.00 ins. & less over the Gulf of Genoa. The barometer is now rising over our Islands & on the Continent generally, but a slight fall has set in on our northwest coast during last night & also over the S. of France.

### WIND

The wind is light to moderate from the S.W. on our north and northwest coasts, but is light from the N. over England and the west of France. In Scandinavia the wind is strong from the N.W. in the rear of the depression which passed over the country during the night.

### TEMPERATURE

Temperature has fallen in Scotland, and at several stations to the eastward of the North Sea, but has again risen over England; the present readings range from 41° at Jersey and 68° at Bournemouth and Portland Bill to 53° at Sumburgh Head. The values in Scotland are about the average, but those over Ireland and England are slightly in excess. The weather is cloudy or dull on our northwest coasts and also over Scandinavia and the Southern departments of France where rain is falling. Fog prevails in many parts of Ireland, and also at Sicily; over England, Germany & the north of France the weather is fine and bright. The sea is moderate at Sumburgh Head, slight or smooth elsewhere.

### WEATHER

### AND

### SEA

During yesterday temperature rose to above 40° over England and the south of Ireland, and reached 80° at Oxford and in London. Slight rain has fallen at several of our northern and northwestern stations, and in considerable quantity over the south of France and at Saarbrücken. Bright sunshine was large in many parts of Great Britain, but there was only 0.5 hr. at Clarendon and none at Southport.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine, warm weather is still probable over England and the greater part of Scotland, but on our extreme northwest coast a considerable amount of cloud may be expected, with rain in many places.

## FORECASTS \*

For the 24 hours ending at NOON on 1<sup>st</sup> AUGUST 1901

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	SW <sup>ly</sup> winds, moderate; cloudy, some rain.
1	{ SCOTLAND EAST	S <sup>ly</sup> winds, moderate; fair generally.
2	{ ENGLAND N.E.	Light winds, chiefly N <sup>ly</sup> ; fine, warm.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	SW <sup>ly</sup> winds, light or moderate; cloudy, some fog or mist.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	Same as N <sup>o</sup> 2 to 5.
9	{ IRELAND NORTH	Same as N <sup>o</sup> 0.
10	{ IRELAND SOUTH	Light variable airs; fair, some fog or mist.

### WARNINGS

NONE ISSUED.

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

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



# ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	YESTERDAY 6 P.M.				THIS MORNING 8 A.M.							PAST 24 HOURS.					
	Bar. Ins.	Temp. °	Wind.	Weather.	Barometer.		Temperature.			Wind.	Weather.	Sea.	Weather.	Temperature.		Sun- shine. Hrs.	Rainfall Ins.
					Ins.	Change.	Dry.	Wet.	Change.					Max.	Min.		
Clacton-on-Sea ... ..	*	*	*	*	*	*	*	*	*	*	m	*	b.c	72	60	13.0	—
Newton Reigny (Penrith)	30.23	65	43	0	30.29	+11	60	58	-3	W.N.W.	0	*	m	69	50	1.0	—
Bath ... ..	30.23	63	20	6	30.28	+0.4	66	63	+6	20	b	*	b	76	57	7.4	—

## REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Harrogate, 6 p.m. ... ..	74	55	b.c. 0	5.9	—	Worthing ... ..	*	*	*	13.3	*
Birmingham, 9 p.m. ... ..	75	57	c	5.9	—	Llandudno 2.6 p.m. ...	*	*	*	0.5	*
Lowestoft, 6 p.m. ... ..	72	56	b.c. 6	12.8	—	Rhyl ... ..	*	*	*	1.0	*
Hastings ... ..	*	*	*	13.6	*	Southport ... 9 p.m. ...	66	60	o.f. 0	—	0.03
Eastbourne ... 2.6 p.m. ...	*	*	*	13.3	*	Manchester, 9 p.m. ...	71	58	c. b.c. 0	1.2	—
Brighton ... ..	*	*	*	12.5	*	Darwen, 9 p.m. ...	65	56	c.o.d. am	—	0.03

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

STATIONS.	TEMPERATURE.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Madeira (Funchal) JULY 30 <sup>th</sup>	43	54	b.c., c	Ins.	Algiers ... JULY 30 <sup>th</sup>	91	43	c., c	Ins.
Madrid ... ..	90	55	o., o	—	Tunis ... ..	97	43	o., o	—
Corsica (I. Sanguinaires) ...	91	42	o., m	—	Vienna ... ..	88	42	o., c	—
Rome ... ..	91	40	b.c., o	—	St. Petersburg ... ..	88	61	c., o	—
Florence ... ..	86	64	b., o	—	Lugano ... JULY 29 <sup>th</sup>	43	—	o.	Measured 7 a.m. 29 <sup>th</sup> 1.77
Trieste ... ..	90	42	b.c., o	—	Davos ... ..	63	—	o	0.99
Brindisi ... ..	84	41	b., b	—	Lucerne ... ..	42	—	c	0.16
Naples ... ..	91	46	b., b	—	Lausanne ... ..	40	—	o	1.06
Palermo ... ..	94	68	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.

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.	July 31 <sup>st</sup> 1901.	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 ... ..	4.10	11.59	7.47
Germany, Norway, Sweden ..	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.23	12.6	7.49
France ... ..	7 a.m. (Paris) ... ..	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Wick ... ..	4.1	12.18	8.35
Spain ... ..	9 a.m. (San Fernando)	9.25 a.m.	6 p.m. (San Fernando)	6.25 p.m.	Valencia ... ..	5.1	12.47	8.33
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 8 p.m.



# ADDITIONS AND CORRECTIONS TO THE

## I. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather	Sea (0 to 9.)	Weather.	Hours of Bright Sun-shine.	Temp.		Rainfall.	
At 82° and M.S.L.	Dry Bulb	Dirco.	Force (0 to 12.)	At 82° Fabr. and M.S.L.	Change since Yesterday.	Dry Bulb	Wet Bulb.	Change since Yesterday.	Dirco.	Force (0 to 12.)	Max	Min.									
Ins.	°				Ins.	Ins.	°	°	°					Ins.							
1	Cape Griz Neg.	29.92	65	E	1	0	29.85	-.16	62	-	+3	W 3/4	4	0	4	0	-	65	54	0.24	
"	Corunna	30.22	64	W 1/4	4	f	30.15	+.02	63	61	0	SW	3	0	3	f	-	64	57	-	
"	Azores (P. Delgada)	30.44	68	N	2	b	30.40	+.01	69	64	-1	SE	0	0	1	b	-	73	64	-	
2	Corunna	30.12	61	NW	6	r	30.04	-.11	59	55	-.4	SSW	4	b	3	r	-	70	54	0.20	
"	Azores (P. Delgada)	30.35	69	W 1/4	3	bc	30.26	-.14	69	65	0	N	4	0	2	bc	-	77	64	0.04	
4	Munich	29.82	59	SW	2	b	29.87	+.06	59	-	+8	W	3	0	-	b	-	64	51	0.04	
"	Corunna	30.08	63	W 1/4	3	b	30.16	-	61	57	-	W 1/4	3	0	4	b	-	64	55	-	
5	Corunna	30.23	63	N	6	bc	30.28	+.12	64	61	+3	NNE	3	b	3	bc	-	66	57	-	
"	Lisbon	30.07	65	NW	5	b	30.04	-.05	73	61	+8	NNE	4	b	-	b	-	77	63	-	
6	Corunna	30.27	66	N	5	b	30.24	-.04	62	59	-2	NE	3	b	?	b	-	?	?	-	
8	Corunna	29.91	70	NE	4	b	29.92	-	65	63	-	NNE	1	f	3	b	-	72	59	-	
9	Lorient	30.01	82	N	1	c	29.97	-.11	66	64	+2	NE	3	bc	2	c	-	88	63	0.04	
"	Corunna	29.99	68	NNE	1	b	29.99	+.07	61	59	-.4	NW	1	f	3	b	-	73	55	-	
10	Corunna	30.04	66	NW	3	c	30.10	+.11	59	58	-2	NW	3	c	2	c	-	66	54	-	
"	Azores (P. Delgada)	30.19	70	SSW	4	o	30.14	-.09	69	66	0	NNE	3	c	2	o	-	75	66	0.08	
11	Corunna	30.10	64	NW	4	c	30.12	+.02	63	61	+4	NW	1	c	2	c	-	66	55	-	
12	Corunna	30.10	66	NW	4	t	30.12	-.00	64	63	+1	N	1	f	3	t	-	68	59	-	
"	Azores (P. Delgada)	30.27	68	NE	2	b	30.28	+.07	70	65	+1	E 1/4 NE	3	b	2	b	-	77	64	-	
13	Corunna	30.07	67	N	6	f	30.04	-.08	64	62	0	N	4	f	3	f	-	68	57	-	
14	Berlin	29.98	80	NW	4	bc	29.97	-.08	73	-	-2	E	2	b	-	bc	-	90	68	0.10	
"	Corunna	30.04	64	N	6	c	30.08	+.04	63	61	-1	N	3	c	2	c	-	64	55	-	
16	Lorient	30.12	73	NW	3	c	30.19	+.10	59	-	-1	E 1/4 NE	2	c	2	c	-	75	59	-	
"	Corunna	30.07	67	N	4	c	30.08	-	63	61	-	N	1	c	1	c	-	72	57	-	
17	Corunna	30.15	66	N	4	c	30.12	+.04	63	61	0	N	1	c	2	c	-	68	57	-	
18	Corunna	30.06	72	N	1	c	30.03	-.09	72	68	+4	N	1	c	2	c	-	79	63	-	
"	Azores (P. Delgada)	30.17	72	S	2	c	30.14	-.01	72	70	-1	SSW	3	c	2	c	-	77	70	-	
19	Lyons	30.07	84	N	1	c	30.07	-.10	71	-	+1	E	1	m	-	c	-	93	60	-	
"	Corunna	30.06	63	NW	3	c	30.09	+.06	59	57	-13	W 1/4	3	c	2	c	-	72	52	-	
20	Corunna	30.10	66	NW	3	c	30.03	-.06	61	57	+2	W	1	c	3	c	-	68	55	-	
22	The Elder	29.86	74	E	1	c	29.82	-.13	67	-	-5	SW	1	0	3	m	-	82	63	-	
"	Cape Griz Neg.	29.83	69	SW	2	m	29.85	-.19	63	-	-8	W	3	0	3	m	-	73	61	-	
"	Corunna	30.14	66	N	3	c	30.19	-	64	61	-	NW	3	0	2	c	-	72	59	-	
23	Corunna	30.10	66	NW	3	c	29.80	-.39	63	57	-1	N	3	c	2	c	-	68	63	0.20	
"	Azores (P. Delgada)	30.32	70	NE	3	c	30.27	-.02	70	64	-2	NE	4	c	2	c	-	77	68	-	
24	Azores (P. Delgada)	30.27	69	NW	4	c	30.25	-.02	70	64	0	NE	3	c	1	c	-	77	66	-	
25	Biarritz	29.93	68	NW	4	b	29.98	+.01	67	-	+1	W	6	r	6	o	-	75	61	0.16	
"	Corunna	30.02	65	NW	3	c	30.13	-	65	61	-	NW	3	c	1	c	-	72	?	-	
26	Corunna	30.14	64	NW	3	c	30.12	-.01	63	58	-2	NW	3	c	1	c	-	65	52	-	
27	Lorient	29.81	60	N	4	o	29.81	+.02	57	-	0	NW	2	0	1	o	-	68	54	-	
"	Azores (P. Delgada)	30.33	69	NE	3	c	30.27	-.03	68	66	-2	NNE	3	c	2	c	-	77	66	0.04	
28	Corunna	29.99	61	NW	3	c	30.02	-	63	60	-	NW	3	c	2	c	-	75	?	-	
29	Corunna	30.04	66	NW	3	c	30.12	+.10	65	62	+2	NW	2	c	1	c	-	66	52	0.08	
31	Stornoway	30.23	57	NW	4	o	30.17	+.17	54	52	-5	SW	4	o	4	o	2.5	61	50	-	
"	Lorient	30.22	64	SW	3	o	30.24	-.02	60	-	+2	NE	3	bc	1	o	-	77	57	-	
"	Corunna	30.33	66	NW	2	c	30.31	-.04	66	62	0	N	1	o	1	o	-	66	54	-	



## REPORTS FOR JULY 1901

## 2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		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.		
		Ins.					Ins.	Ins.	°	°	°									Ins.	
1	Donaghadee	-	-	-	-	-	29.94	-25	-	-	-	-	-	-	-	-	-	-	-	-	
"	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	
2	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	
"	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	-	
3	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	-	-	-	
4	Parsonstown	-	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	-	-	-	
6	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11	
12	Nairn	29.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	-	-	-	
"	Leith	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	
13	Aberdeen	-	-	-	-	-	-	-	-	51	-	-	-	-	-	-	7.9	-	-	-	
14	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.8	-	55	-	
"	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	-	
17	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	
18	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0	-	-	-	
19	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
"	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.1	-	-	-	
"	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.3	-	-	-	
20	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	
21	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	57	-	
22	Donaghadee	-	-	-	-	-	29.84	-	-	-	-	-	-	-	-	-	-	-	58	-	
"	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	
23	Blacksoz Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09	
"	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Aberdeen	-	-	-	-	-	-	-	-	-	-	SE	-	-	-	-	2.3	-	-	-	
25	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-	-	-	
"	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-	
26	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.50	
27	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04	