

METEOROLOGICAL OFFICE.

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DAILY WEATHER REPORTS.

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1ST JULY TO 31ST DECEMBER, 1904.

# DAILY WEATHER REPORT.

July to December 1904.





# SUPPLEMENT TO THE DAILY WEATHER REPORT.

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

JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871-1900.	TEMPERATURE OF AIR. 1871-1900.								RAINFALL.		BRIGHT SUNSHINE. Means, 1881-1900.	
		Means of				Absolute Extremes.				Means for			
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.	1871- 1900.	1866-1900.		
												Days with Rain.	Total Fall.
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	—	—	—	—	—	—	—	—
Blacksod 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	55.6	66.0	54.3	89	1873	44	1877	16	2.77	—	—
Holyhead .....	29.932	58.3	56.0	63.8	54.1	83	1894	43	1888	16	2.46	—	—
Pembroke .....	29.956	58.2	56.2	62.7	54.9	80	1878	45	1888	14	2.42	205.3	42
Scilly .....	29.987	60.5	58.3	64.9	56.5	75	1886	48	1875	16	2.29	—	—
Jersey .....	30.015	62.5	59.1	68.6	56.5	90	1873	46	1877, 97	13	2.30	244.2	51
Dungeness .....	29.965	61.9	58.6	67.0	56.1	82	1900	40	1890	12	1.62	—	—
Wick .....	29.835	56.0	53.7	61.8	48.9	81	1876	30	1886	18	2.54	—	—
Nairn .....	29.838	56.9	53.7	64.5	50.3	86	1876	37	1886, 97, 98	17	2.68	—	—
Aberdeen .....	29.852	57.6	53.8	63.7	50.7	86	1876	38	1898	18	2.82	165.9	32
Leith .....	29.867	58.6	55.0	66.6	51.4	90	1876	41	1887, 88, 92	16	2.76	—	—
Shields .....	29.887	58.2	55.1	64.3	51.9	85	1876	40	1885	15	2.55	—	—
Spurn Head .....	29.914	59.6	56.9	65.1	55.0	84*	1881, 1900	44*	1888	13	1.70	—	—
Yarmouth .....	29.938	60.8	57.6	66.3	54.9	87	1881	42	1872, 90	15	2.69	—	—
Loughborough ..	29.947	60.9	57.2	71.4	52.6	90*	1881	39*	1888	15	2.24	—	—
Oxford .....	29.963	60.2	56.6	70.1	53.5	90	1876, 1900	41	1888	14	2.49	200.7	41
LONDON .....	29.971	62.2	57.7	72.7	54.2	95	1881	41	1877	13	2.27	174.7†	36†

AUGUST.

Sumburgh Head ..	29.782	53.5	51.9	57.7	48.5	69	1880	38	1885, 95	18	3.25	—	—
Stornoway .....	29.794	55.1	53.5	60.2	49.1	75	1897, 99	33	1888	21	3.66	131.3	28
Malin Head .....	29.839	56.4	54.3	61.8	54.1	—	—	—	—	—	—	—	—
Blacksod 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	56.5	64.0	54.8	83	1893	45	1888	16	3.02	—	—
Pembroke .....	29.932	58.9	56.8	63.3	55.8	78	1874, 99	47	1885, 88	16	2.91	193.8	43
Scilly .....	29.962	61.2	59.0	65.3	57.1	75	1893, 99	50	1885, 90, 95	17	2.49	—	—
Jersey .....	29.995	63.2	59.8	69.1	57.4	89	1893	45	1890	14	2.48	244.8	56
Dungeness .....	29.953	62.1	58.9	67.5	56.6	80	1887, 94	39	1890	13	1.81	—	—
Wick .....	29.814	55.5	53.5	61.4	48.6	85	1893	30	1886	18	2.61	—	—
Nairn .....	29.817	56.0	53.2	63.9	49.9	86	1899	33	1885, 91	18	2.68	—	—
Aberdeen .....	29.835	56.7	53.5	63.1	50.2	81	1880, 82, 99	33	1885	18	3.03	153.3	33
Leith .....	29.848	57.7	54.6	66.0	51.4	85	1893	37	1874	16	2.72	—	—
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	165.9†	37†

SEPTEMBER.

Sumburgh Head ..	29.783	50.8	49.1	54.9	46.2	69	1898	34	1887, 88	20	3.48	—	—
Stornoway .....	29.806	51.5	50.2	56.7	45.7	72	1898	32	1871, 75, 85	21	4.17	107.4	28
Malin Head .....	29.864	53.7	51.4	58.5	51.1	—	—	—	—	—	—	—	—
Blacksod 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	29	1899	17	2.92	129.2	35
Donaghadee .....	29.913	53.7	52.4	60.1	49.3	74	1898	36	1882, 94, 99	17	2.80	—	—
Liverpool .....	29.944	54.8	52.1	61.5	50.9	82	1880	39	1885	16	3.12	—	—
Holyhead .....	29.939	55.9	53.7	60.8	52.3	78	1880	43	1873, 85, 97	16	3.04	—	—
Pembroke .....	29.962	56.4	54.2	60.4	53.2	74	1895	40	1885	16	3.24	148.3	40
Scilly .....	29.983	58.8	56.6	62.4	54.9	73	1899	44	1885, 88	17	3.15	—	—
Jersey .....	30.008	60.4	57.2	66.0	55.0	86	1895	41	1891	15	3.04	184.9	50
Dungeness .....	29.981	58.0	55.5	64.0	53.0	78	1898, 99	32	1885	14	2.53	—	—
Wick .....	29.822	52.1	50.3	58.0	45.7	78	1898	29	1885, 87	19	2.70	—	—
Nairn .....	29.835	51.6	49.4	59.7	45.9	83	1898	25	1892	17	2.54	—	—
Aberdeen .....	29.856	52.5	49.9	59.4	46.6	81	1898	30	1887	17	2.87	124.0	33
Leith .....	29.880	53.5	50.9	62.1	47.5	83	1898	33	1886	15	2.19	—	—
Shields .....	29.905	53.2	51.1	60.4	48.3	81	1898	34	1885, 89, 93	14	2.20	—	—
Spurn Head .....	29.941	55.7	53.8	60.9	52.4	79*	1899	38*	1892	14	1.80	—	—
Yarmouth .....	29.956	56.5	54.3	62.4	51.3	78	1880, 98	33	1885	15	2.57	—	—
Loughborough ..	29.970	53.5	51.7	65.5	47.5	90*	1898	29*	1898	14	2.44	—	—
Oxford .....	29.985	54.0	52.1	64.6	48.8	90	1898	33	1885	13	2.39	144.2	39
LONDON .....	29.991	55.8	53.4	66.8	49.7	91	1898	30	1877	13	2.21	116.0†	31†

\* 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.	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.
(Inches.)	°	°	°	°	°	°	°	(Inches.)						
Sumburgh Head ..	29.721	45.9	44.2	49.8	41.6	61	1898	26	1875	24	4.43	—	—	
Stornoway .....	29.752	45.4	44.4	51.1	40.3	70	1898	26	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	56.4	46.3	69	1898	28	1892	22	5.61	104.4	32	
Roche's Point .....	29.886	50.1	48.3	55.8	46.0	65	1880, 84, 86	32	1881	16	4.21	—	—	
Parsonstown .....	29.883	45.5	44.0	54.7	40.5	69	1898	22	1880	18	3.06	99.9	31	
Donaghadee .....	29.843	47.8	46.5	53.7	43.5	83	1898	21	1892	18	3.14	—	—	
Liverpool .....	29.872	47.7	46.6	53.8	44.5	72	1886	27	1895	18	3.52	—	—	
Holyhead .....	29.863	50.2	48.1	54.7	46.9	71	1886	32	1892	20	4.33	—	—	
Pembroke .....	29.880	51.2	49.2	54.9	47.9	66	1872, 1886	33	1895	20	4.14	104.9	32	
Scilly .....	29.897	53.8	51.7	56.9	50.1	69	1895	38	1895, 96	21	3.73	—	—	
Jersey .....	29.926	53.7	50.9	58.6	48.9	73	1876, 1898, 1900	33	1887	19	4.47	130.0	40	
Dunegness .....	29.908	50.4	48.6	56.6	46.2	70	1886	23	1890	16	3.23	—	—	
Wick .....	29.755	40.2	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	54.0	41.5	70	1898	25	1894	16	2.69	—	—	
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†	
NOVEMBER.	Sumburgh Head ..	29.710	42.6	41.0	46.1	38.5	55	1890	21	1875	24	4.12	—	—
	Stornoway .....	29.720	42.5	41.5	46.8	37.4	58	1897	20	1880	23	5.28	40.6	18
	Malin Head .....	29.773	44.3	42.5	48.3	41.2	—	—	—	—	—	—	—	—
	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 .....	29.898	46.5	45.0	51.4	42.3	61	1875	27	1890	19	4.05	—	—	
Parsonstown .....	29.869	42.0	40.6	49.4	37.2	63	1872	20	1890	19	2.97	63.8	25	
Donaghadee .....	29.838	43.9	42.7	48.8	39.7	60	1894	27	1878, 83	19	3.12	—	—	
Liverpool .....	29.883	43.0	41.2	48.3	40.0	63	1872	22	1880	17	2.71	—	—	
Holyhead .....	29.865	46.2	44.4	50.0	43.0	62	1881	29	1880	20	3.96	—	—	
Pembroke .....	29.890	47.4	45.7	50.6	43.9	58	1884, 95, 97, 99	28	1890	20	3.94	60.9	24	
Scilly .....	29.911	50.3	48.3	53.0	46.6	61	1898	29	1890	21	3.85	—	—	
Jersey .....	29.953	48.2	46.1	52.6	44.4	66	1899	16	1890	19	4.07	73.5	27	
Dunegness .....	29.923	45.0	43.6	50.1	41.1	63	1899	17	1890	17	2.57	—	—	
Wick .....	29.743	42.0	40.6	46.7	36.8	62	1900	15	1884	20	2.89	—	—	
Nairn .....	29.761	40.5	38.9	46.3	35.6	61	1885, 94	18	1880, 98	17	2.13	—	—	
Aberdeen .....	29.792	41.1	39.3	46.6	37.1	62	1872, 89	15	1880, 84	20	3.06	52.7	22	
Leith .....	29.817	42.3	40.5	48.5	37.5	64	1872	18	1885	16	2.07	—	—	
Shields .....	29.844	42.8	41.2	48.0	38.4	62	1881, 94	20	1880	17	2.33	—	—	
Spurn Head .....	29.874	43.8	42.5	47.5	40.7	61*	1894, 95	28*	1884	17	2.19	—	—	
Yarmouth .....	29.898	43.7	42.5	48.0	39.5	60	1895, 98, 99	23	1890	19	2.78	—	—	
Loughborough .....	29.910	40.9	39.7	48.6	37.0	64*	1900	19*	1887, 93	17	2.14	—	—	
Oxford .....	29.928	41.6	40.4	48.8	37.9	68	1881	19	1871, 87	15	2.30	56.4	22	
LONDON .....	29.931	42.8	41.3	49.8	38.5	65	1894	19	1879	16	2.29	27.7†	11†	
DECEMBER.	Sumburgh Head ..	29.647	40.1	38.6	43.2	35.9	53	1890	19	1877	26	4.46	—	—
	Stornoway .....	29.671	40.0	39.0	43.7	34.6	55	1898	15	1880	26	5.68	23.9	12
	Malin Head .....	29.748	41.6	40.1	45.4	38.3	—	—	—	—	—	—	—	—
	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	
Dunegness .....	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	37.1	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	1890	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	2.18	41.6	18	
LONDON .....	29.953	39.5	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 *Friday, 1<sup>st</sup> July, 1904.*

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.)	Temp.		Weather.	Sun- shine Hours.	Rainfall. Ins.		
At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 82° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°			"	"									
SCANDINAVIA.	Haparanda...	29.95	55	N	4	0	29.92	-0.04	52	47	-1	N	2	0	61	50	-	*	-		
	Hernösand...	29.92	52	Z	0	0	29.87	-0.14	57	51	0	N	4	0	66	52	-	*	-		
	Stockholm...	29.86	55	NNW	4	0	29.80	-0.13	57	52	+1	NNW	6	0	61	50	-	*	-		
	Wisby...	29.90	53	N	2	0	29.80	-0.10	55	52	+2	N	2	0	57	52	-	*	-		
	Karlstad...	29.90	64	SW	2	0	29.85	-0.17	61	55	+5	Z	0	0	70	57	-	*	-		
	Færder (X'ania Fjord)	29.90	62	SW	2	0	29.85	-0.17	59	57	+1	NNW	1	0	70	57	-	*	-		
	Bodö...	30.09	53	N	4	0	29.99	-0.18	59	50	+10	E	2	0	59	46	-	*	-		
	Christiansund...	29.96	57	NNE	1	0	29.83	-0.23	51	50	-4	WNW	1	0	61	46	-	*	-		
Skudesnaes...	30.00	48	S	2	0	29.88	-0.19	47	45	0	S	4	0	52	45	0,c	*	-			
BRITISH ISLANDS.	Sumburgh Head	29.81	52	SE	2	0	29.62	-0.29	50	50	0	S	3	0	55	48	0	*	-		
	Stornoway...	29.65	58	ESE	2	0	29.47	-0.31	55	53	-3	S	3	0	67	51	0	1.9	0.08		
	Malin Head	29.59	56	SW	5	0	29.40	-0.37	53	52	-5	SW	5	0	63	49	0,r	*	0.20		
	Blacksod Pt.	29.56	56	SW	4	0	29.54	-0.17	54	52	-3	NW	6	0	59	52	0,p,0,c	*	0.15		
	Valencia...	29.67	58	SSW	4	0	29.74	+0.02	55	52	0	SW	6	0	61	50	0,m,c,m	3.3	0.60		
	Roche's Point...	29.71	58	SW	3	0	29.75	-0.08	56	54	-2	W	4	0	60	53	0,f,c	*	0.28		
	Parsonstown...	29.66	58	W	1	0	29.64	-0.18	55	53	-4	W	4	0	66	50	0,r	4.3	0.18		
	Donaghadee...	29.71	57	SSE	3	0	29.61	-0.24	55	53	-3	SSW	3	0	63	50	0,g,m	*	0.14		
	Liverpool Obsy...	29.78	65	NW	1	0	29.73	-0.17	60	55	-2	SSW	3	0	75	53	0,r	*	0.02		
	Holyhead...	29.79	58	SSW	3	0	29.67	-0.20	58	56	-9	SSW	6	0	68	55	0,i,o	*	0.06		
Pembroke (St Ann's)	29.78	55	S	5	0	29.78	-0.11	56	53	0	WSW	7	0	61	53	0,m,c,o,p	7.9	0.14			
GERMANY, &c.	Scilly (St. Mary's)	29.79	59	WNW	5	0	29.86	-0.05	59	56	-1	W	4	0	62	55	0,r,m	6.2	0.20		
	Jersey (St. Aubins)	29.98	62	W	3	0	29.99	+0.07	59	56	-6	WSW	5	0	68	56	0,m,c,p,m	14.5	0.02		
	Portland Bill	29.94	58	SW	3	0	29.92	-0.02	58	55	-2	WSW	4	0	65	54	0,b,c,p	*	0.03		
	Dungeness...	29.89	61	ESE	4	0	29.89	-0.05	58	57	-3	SW	4	0	65	56	0,c,d	11.8	0.01		
	Wick...	29.68	55	S	3	0	29.56	-0.29	54	52	+2	S	2	0	61	50	-	*	0.05		
	Nairn...	29.64	70	SE	1	0	29.52	-0.32	59	54	-3	SSE	3	0	78	53	-	*	-		
	Aberdeen...	29.77	56	SSE	3	0	29.61	-0.29	54	52	+2	S	2	0	61	51	0,m,o,p,m	6.4	0.01		
	Leith...	29.71	69	SW	1	0	29.60	-0.29	64	55	+12	S	2	0	78	51	-	*	0.01		
FRANCE.	North Shields	29.77	62	SSE	4	0	29.67	-0.25	58	53	+1	SW	5	0	67	54	0,c,b,r	*	0.02		
	Spurn Head	29.83	57	ESE	5	0	29.79	-0.21	59	55	+3	WSW	4	0	63	55	-	*	-		
	Yarmouth...	29.90	60	ESE	5	0	29.88	-0.09	61	57	+3	WSW	4	0	61	54	0	*	-		
	Clacton-on-Sea	29.90	58	E	4	0	29.87	-0.11	61	59	0	S	4	0	63	55	0,c,c,b,c	11.8	-		
	Nottingham	29.81	72	SW	1	0	29.80	-0.16	61	54	+2	WSW	2	0	77	58	0,i,o	10.6	-		
	Bath...	29.85	70	NE	4	0	29.87	-0.06	58	53	+1	?	3	0	74	52	-	12.0	0.02		
	Oxford...	29.86	66	SSW	2	0	29.88	-0.07	60	54	-1	SW	1	0	76	54	0,c,p	*	-		
	London (Brixton)	29.86	72	SW	3	0	29.88	-0.07	61	55	-1	W	2	0	78	54	0,c,o	11.5	-		
SPAN. PEN.	The Scaw (Skagen)	29.95	55	W	4	0	29.90	-0.13	55	55	-2	W	3	0	63	52	-	*	-		
	Fanö...	29.99	50	NE	2	0	29.89	-0.21	61	56	+9	SE	2	0	61	50	-	*	-		
	Cuxhaven...	29.97	62	NNE	2	0	29.90	-0.19	61	57	+8	S	2	0	63	53	-	*	-		
	The Helder...	29.88	60	ENE	2	0	29.85	-0.15	62	59	+5	SW	2	0	63	45	-	*	-		
	Brussels...	29.97	68	N	1	0	29.97	+0.01	62	56	+3	W	1	0	78	52	-	*	-		
	Berlin...	29.96	68	N	1	0	29.95	-0.10	64	58	+5	SE	2	0	75	55	-	*	-		
	Frankfurt...	29.91	63	Z	0	0	29.93	-0.07	63	60	+5	S	2	0	79	48	-	*	-		
	Munich...	29.97	64	E	2	0	30.02	-0.01	64	60	+6	W	4	0	72	52	-	*	-		
SPAN. PEN.	C. Gris Nez	29.89	62	ENE	3	0	29.89	-0.04	60	57	+1	SSW	4	0	66	57	-	*	-		
	Brest...	29.97	60	S	4	0	29.99	+0.02	57	55	-1	W	4	0	64	55	-	*	-		
	Lorient...	30.00	63	WSW	4	0	30.03	+0.06	59	54	-3	WNW	4	0	70	55	-	*	-		
	Rochefort...	30.15	65	NW	5	0	30.11	+0.05	63	62	-1	SSW	3	0	70	59	0,c,b,c	*	0.08		
	Biarritz...	30.22	66	NW	3	0	30.19	+0.06	63	57	+2	S	1	0	68	57	-	*	-		
	Paris...	29.90	76	NNE	1	0	30.03	+0.10	61	57	+2	SW	1	0	82	55	-	*	-		
	Belfort...	29.89	66	WSW	3	0	29.95	+0.01	64	60	+6	WSW	4	0	75	58	-	*	-		
	Lyons...	29.97	68	S	1	0	30.08	+0.11	57	56	-7	N	1	0	71	57	-	*	-		
Nice...	29.88	71	Z	0	0	29.87	-0.02	73	67	+3	Z	0	0	82	63	-	*	-			
Perpignan...	29.96	66	NW	4	0	30.03	+0.07	64	56	-7	W	4	0	76	60	-	*	-			
SPAN. PEN.	Corunna...	30.20	63	WNW	5	0	30.14	-0.10	66	60	0	WNW	5	0	72	61	-	*	-		
	Lisbon...	30.20	63	WNW	5	0	30.14	-0.10	66	60	0	WNW	5	0	72	61	-	*	-		
	Azores (P. Delgada)...	30.39	62	N	2	0	30.32	-0.04	64	61	-3	S	1	0	73	59	-	*	-		

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

\* Observations for this column not generally received.

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

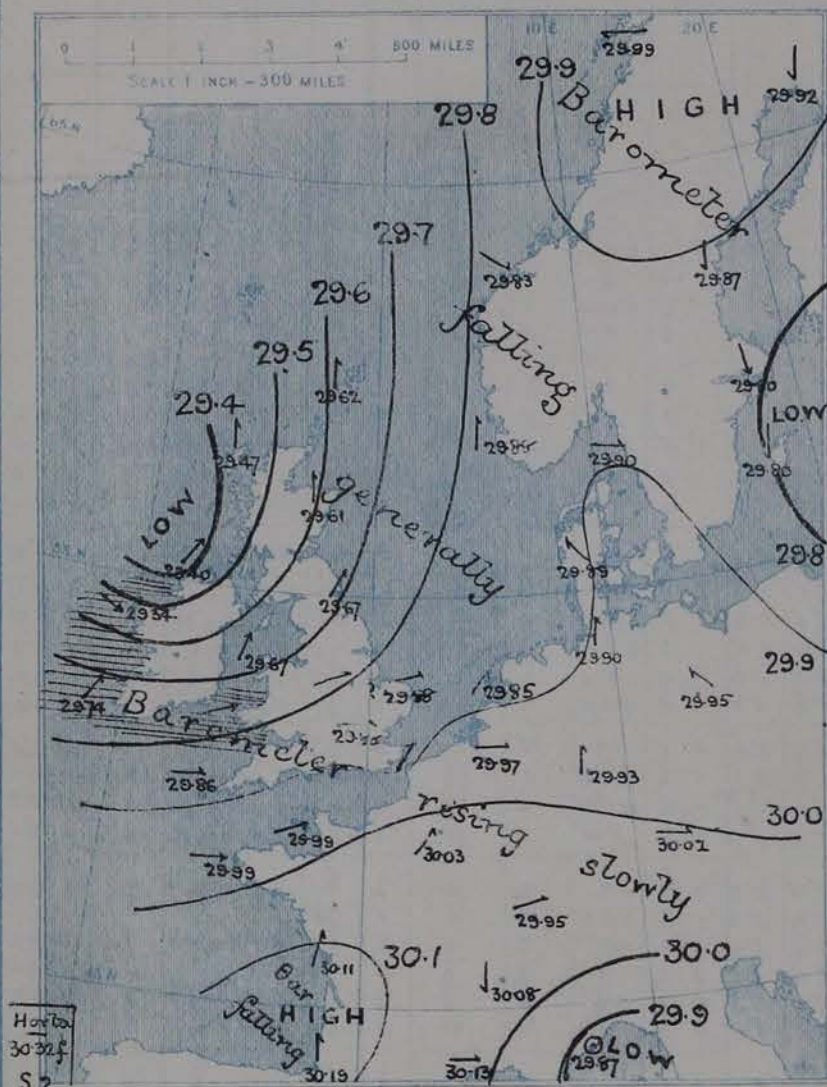


# WEATHER CHARTS

FOR Friday, 1<sup>st</sup> July, 1904.

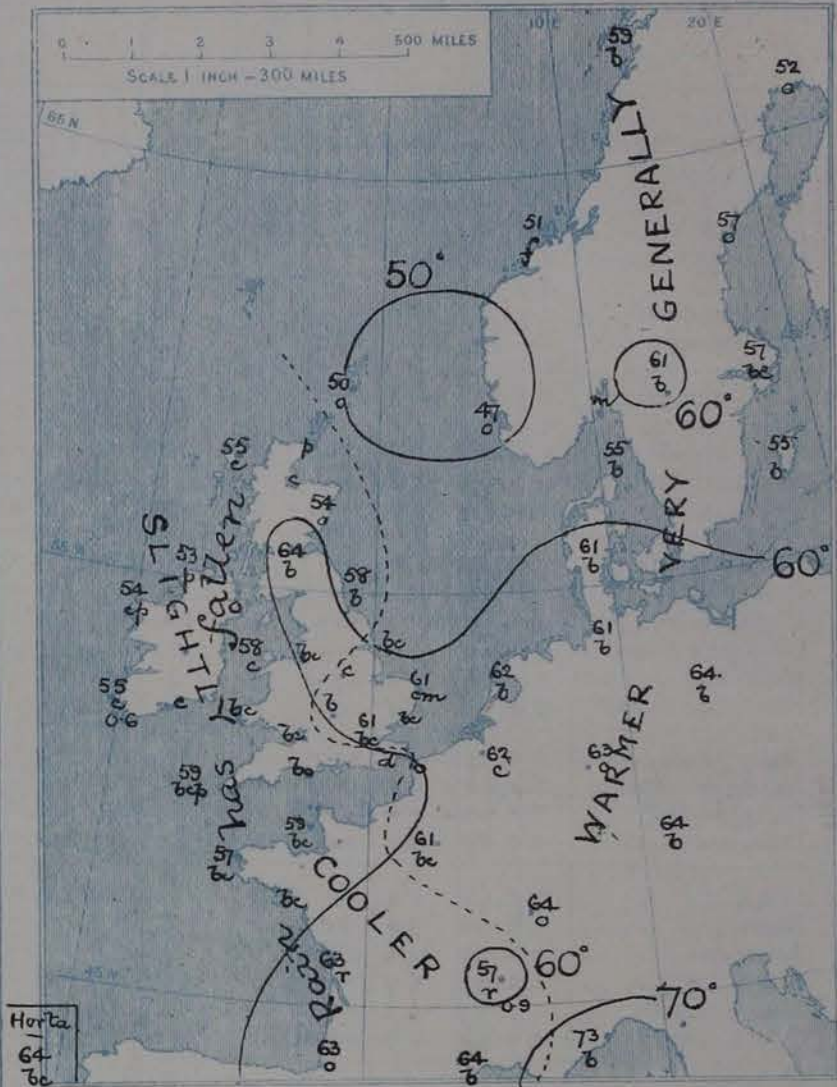
## I. BAROMETER, WIND AND SEA. This Morning.

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



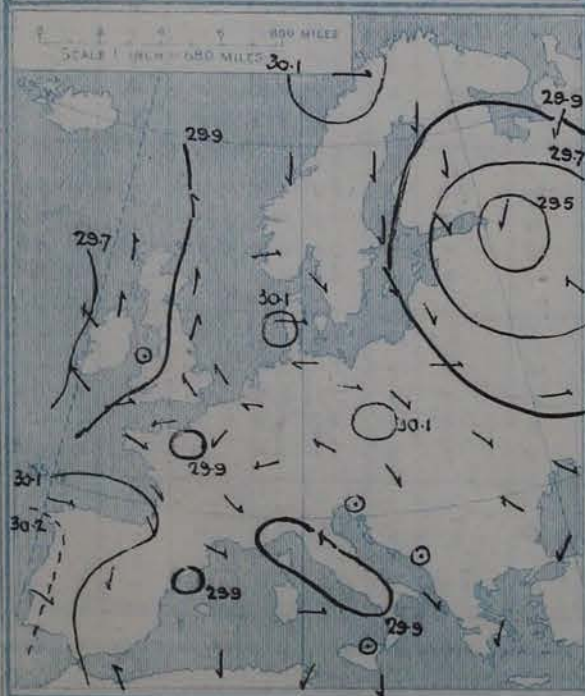
## II. TEMPERATURE AND WEATHER. This Morning.

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. RAINFALL IN 1904

Total Amount recorded  
in various districts of the United Kingdom  
in the 25 weeks ended Saturday, 25<sup>th</sup> JUNE,  
with the percentage of the average amount.



## 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 centre of a rather deep depression has arrived off the northwest of Ireland during the night and caused a brisk fall of the barometer in the west and north generally. The readings now range from 29.4 in. at Malin Head to above 30.1 in. over the southwest of France. Gradients are steeper than they have been recently over our northwestern districts; in other parts of Northwestern Europe they are slight and irregular.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind has increased considerably in force on all our west and northwest coasts, but remains light or moderate elsewhere; it is mainly SW<sup>y</sup> or S<sup>y</sup> over our Islands, but at Blackhead Point it has veered to NW. In Sweden the wind continues N<sup>y</sup>, while over France, Denmark and Germany it is variable. Temperature has risen in most parts of Scandinavia, Germany, Denmark, and the Netherlands, fallen somewhat or changed little elsewhere. The highest reading over the United Kingdom is 64° at Leith, whence it decreases to 53° at Malin Head, and 50° in the Shetlands. The Continental values range from 73° at Nice to 61° at Paris, 57° at Stockholm, and to 47° at Skudesnæs. Much cloud is reported from Ireland, Scotland, and the western districts of England, and in some places showers prevail, but over the east and south of England the sky is clearer as a whole, although slight rain is falling at Dungeness. In most Continental regions the weather is fine, but rain is reported at Reims and Lyons. The sea is rough off the west of Ireland and at Pembroke, moderate to smooth elsewhere.

During yesterday the thermometer rose to 78° at Naïon, Leith, and in London, and to 76° at Blackpool and Southport. Rain was experienced over France and in all the northern and western districts of the United Kingdom, the largest amounts measured being 0.6 in. at Valencia and 0.9 in. at Lyons. Bright sunshine was again very prevalent except in parts of Ireland and Scotland.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the northwest will probably move away northwards or northeastwards, and cause, during its passage, showers and fresh or strong SW<sup>y</sup> to W<sup>y</sup> winds in the western and northern districts. Further south its influence will be limited to some steepening of the bare gradient for southwesterly and westerly winds, and the weather is likely to remain fair.

## FORECASTS\*

For the 24 hours ending at NOON on 2<sup>nd</sup> JULY, 1904

### DISTRICTS.

### FORECASTS.

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

Light to fresh winds between S. and W; changeable, some showers.

SW<sup>y</sup> or W<sup>y</sup> winds, light or moderate, but fresh in places; fair and warm.

### DISTRICTS.

### FORECASTS.

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

S<sup>y</sup> to SW<sup>y</sup> and W<sup>y</sup> winds, fresh or strong; squally, showery.

Fresh or strong SW<sup>y</sup> to W<sup>y</sup> winds; some showers, fair intervals.

Fresh to moderate or light winds, mainly SW<sup>y</sup> or W<sup>y</sup>; fair generally, local showers.

Same as No. 7.

### WARNINGS

None issued.

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

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	76	53	b, c, o, or	9.4	0.02	Hastings ... ..	*	*	*	13.2	*
Southport, to 9 p.m....	76	54	b, o, p	8.8	0.02	Broadstairs, ... ..	*	*	*	10.2	*
Rhyl, to 6 p.m. ... ..	*	*	*	10.3	*	Margate, to 6 p.m. ...	63	55	b	10.5	-
Llandudno ... ..	*	*	*	11.1	*	Lowestoft, to 6 p.m....	62	52	b, w, b, c, b	14.0	-
Bettws-y-Coed, to 6 p.m....	73	51	b, c, o	10.7	*	Skegness ... ..	?	*	*	7.8	*
Aberystwyth, to 6 p.m. ...	68	61	b, c, o	12.0	-	Scarborough, ... ..	58	*	*	7.0	*
Plymouth, to 9 p.m....	64	52	b, c, b, c, g, o, g	10.1	0.11	Harrogate, to 6 p.m. ...	72	50	c, b, o	9.8	-
Bournemouth, to 6 p.m. ...	71	*	*	12.5	*	Manchester, to 9 p.m. ...	75	52	c, b, c	8.7	-
Worthing ... ..	*	*	*	13.1	*	Darwen, to 9 p.m. ...	72	52	b, b, c, m, o, m, r	8.9	0.02
Brighton, ... ..	72	*	*	12.6	*	Birmingham, to 9 p.m. ...	75	49	c, b, c	9.0	-
Eastbourne, to 6 p.m. ...	64	*	*	12.0	*						

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

STATIONS. 30 <sup>th</sup> June, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 30 <sup>th</sup> June.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	64	52	b, b	-	Rome ... ..	89	70	b, c	-
St. Petersburg ... ..	68	52	r, r	0.28	Naples ... ..	86	72	c, b, c	0.04
Moscow ... ..	*	*	o, o	0.87	Malta ... ..	88	72	?, b, c	-
Cracow ... ..	63	52	o, o	0.04	29 <sup>th</sup> June.				
Flushing ... ..	64	52	b, c	-	Geneva ... ..	68	*	b	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	b, b, c	-	Berne ... ..	72	*	b	-
Vienna ... ..	64	48	b, b	-	Lucerne ... ..	72	*	b	-
Buda Pesth ... ..	70	50	b, b, c	-	Castasegna ... ..	72	*	b	-
Hermanstadt ... ..	68	46	b, c	-	Lugano ... ..	81	*	b	-
Florence ... ..	92	67	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.

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

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

1 <sup>st</sup> July, 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.35	11.56	8.17
Greenwich ... ..	3.48	12.3	8.18
Wick ... ..	3.11	12.15	9.19
Valencia ... ..	4.26	12.44	9.2

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on *Saturday, 2<sup>nd</sup> July, 1904.*

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.)	Temp.		Weather	Sun- shine Hours.	Rainfall. Ins.		
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°			°	°									
SCANDINAVIA	Haparanda...	29.95	53	E	4	0	29.90	-0.02	52	50	0	NE	2	0	*	57	50	-	*	0.24	
	Hernösand...	29.79	51	NE	4	0	29.84	-0.03	54	51	-3	NE	4	0	*	63	48	-	*	-	
	Stockholm...	29.79	52	NNW	4	0	29.79	-0.01	53	51	-4	NW	4	0	*	59	48	-	*	-	
	Wisby...	29.79	55	W	2	bc	29.79	-0.01	52	50	-3	NNW	2	c	*	59	50	-	*	-	
	Karlstad...	29.76	66	Z	0	bc	29.80	-0.05	58	53	-3	ESE	2	bc	*	*	*	-	*	-	
	Färder (X'ania Fjord)	29.79	62	SSW	4	bc	29.74	-0.11	59	57	0	SW	2	m	2	63	57	-	*	-	
	Bodö...	29.88	68	E	2	bc	29.78	-0.21	63	54	+4	E	4	bc	1	68	57	-	*	-	
	Christiansund	29.78	49	W	2	f	29.75	-0.08	51	49	0	NE	2	f	2	52	46	-	*	-	
Skudesnaes	29.79	52	SSW	2	0	29.78	-0.10	53	52	+6	SE	2	bc	3	55	46	c,0	*	-		
BRITISH ISLANDS.	Sumburgh Head	29.54	53	S	4	bc	29.61	-0.01	54	51	+4	S	3	bc	3	54	47	m, bc	*	0.01	
	Stornoway...	29.44	57	SW	3	c	29.62	+0.15	53	52	-2	SSW	1	r	1	67	48	o, c	5.7	0.11	
	Malin Head	29.61	53	WSW	6	ogp	29.70	+0.30	51	50	-2	SW	4	cp	3	57	48	o, ogp	*	0.10	
	Blacksod Pt.	29.71	57	W	5	bc	29.74	+0.20	55	53	+1	W	4	c	3	59	51	bc	*	0.03	
	Valencia	29.86	57	WSW	4	c	29.87	+0.13	53	51	-2	SW	3	op	4	60	51	c	11.3	0.03	
	Roche's Point	29.85	60	SW	4	bc	29.89	+0.14	55	53	-1	WSW	4	c	3	62	50	c, bc	*	0.04	
	Parsonstown	29.80	57	W	3	bc	29.84	+0.20	54	51	-1	S	1	c	*	61	46	bc, p	6.4	0.04	
	Donaghadee	29.69	58	W	3	c	29.80	+0.19	54	52	-1	WSW	3	c	2	64	48	cp	*	0.15	
	Liverpool Obsy	29.81	59	WSW	4	c	29.87	+0.14	56	53	-4	WSW	1	c	1	65	52	-	*	-	
	Holyhead	29.79	56	SW	4	cp	29.85	+0.18	55	53	-3	SW	3	c	2	61	50	bc, cp	*	0.01	
	Pembroke (St Ann's)	29.88	57	WSW	6	bc	29.91	+0.13	55	52	-1	SW	5	bcg	5	58	53	bc, cp	12.8	0.03	
	Scilly (St. Mary's)	29.95	61	WSW	4	bc, p	29.96	+0.10	59	56	0	W	5	c	5	63	56	bc, bc, p	12.4	0.03	
	Jersey (St. Aubins)	30.04	60	W	5	0	30.08	+0.09	59	54	0	SW	5	bc	4	64	55	bc, ogp	10.3	0.02	
	Portland Bill	29.96	58	WSW	5	bc	30.01	+0.09	57	54	-1	W	4	bc	3	62	53	bc	*	-	
	Dungeness	29.93	60	W	6	bc	29.99	+0.10	60	56	+2	WSW	6	c	4	64	55	bc, bc	10.5	-	
	Wick	29.52	56	SW	3	bc	29.62	+0.06	58	54	+4	W	2	bc	1	63	48	-	*	-	
	Nairn	29.51	62	W	4	bc	29.65	+0.13	58	51	-1	WSW	3	bc	2	70	48	-	*	0.01	
	Aberdeen	29.56	62	S	3	bc	29.69	+0.08	59	51	+5	SW	2	bc	2	65	49	bc, o, bc	9.8	-	
	Leith	29.63	60	SW	3	c	29.73	+0.13	59	53	-5	WSW	3	bc	*	68	50	cp	*	0.07	
	North Shields	29.70	63	SW	5	c	29.79	+0.12	55	52	-3	SW	2	bc	2	68	50	cp, c	*	0.01	
	Spurn Head	29.82	66	WSW	4	bc	29.89	+0.10	59	55	0	WSW	3	bc	2	70	50	-	*	-	
	Yarmouth	29.83	68	W	4	bc	29.92	+0.04	59	54	-2	W	3	bc	2	72	54	bc	*	-	
	Clacton-on-Sea	29.89	65	WSW	4	bc	29.96	+0.09	62	56	+1	SW	3	bc	2	71	53	bc, bc	10.0	-	
	Nottingham	29.83	65	WSW	3	bc	29.89	+0.09	57	52	-4	W	1	c	*	70	47	c, bc	10.8	-	
	Bath	29.91	63	NW	4	bc	29.95	+0.08	58	53	0	SE	3	bc	*	66	51	-	13.0	-	
	Oxford	29.93	60	SW	2	c	29.96	+0.08	59	54	-1	SW	2	c	*	67	50	p, c	*	0.05	
	London (Brixton)	29.92	60	SW	1	or	29.97	+0.09	59	54	-2	W	2	bc	*	72	51	bc, p, bc	8.5	0.06	
GERMANY, &c.	The Scaw (Skagen)	29.83	62	S	2	bc	29.81	-0.09	58	57	+3	W	3	m	1	72	52	-	*	-	
	Fanö	29.88	59	SW	4	0	29.91	+0.02	59	57	-2	SE	2	0	*	70	54	-	*	-	
	Cuxhaven	29.93	66	W	3	c	29.94	+0.04	61	58	0	SW	2	bc	*	72	55	-	*	-	
	The Helder	29.89	60	WSW	2	bc	29.92	+0.07	62	58	0	WSW	2	bc	2	64	55	-	*	-	
	Brussels	*	*	*	*	*	30.05	+0.08	58	54	-4	WSW	3	0	*	76	50	-	*	0.04	
	Berlin	29.88	75	Z	0	bc	29.95	+0.00	66	61	+2	Z	0	c	*	84	59	-	*	-	
	Frankfurt	29.96	67	SW	2	bc	30.01	+0.08	66	63	+3	SW	3	0	*	79	57	-	*	-	
	Munich	30.07	64	W	5	c	30.09	+0.07	65	61	+1	W	4	c	*	77	57	-	*	-	
FRANCE.	C. Gris Nez	29.95	59	SW	4	bc	30.00	+0.11	57	55	-3	WSW	4	bc	4	63	54	-	*	-	
	Brest	30.05	62	WSW	3	bc	30.06	+0.07	57	54	0	WSW	4	c	4	64	55	-	*	-	
	Lorient	30.10	61	W	5	0	30.10	+0.07	59	55	0	NNW	4	bc	3	68	55	-	*	-	
	Rochefort	30.17	64	NW	4	c	30.21	+0.10	63	59	0	NW	3	c	*	70	57	c	*	-	
	Biarritz	30.22	67	WNW	3	bc	30.23	+0.04	63	60	0	ESE	2	0	4	67	59	-	*	-	
	Paris	30.02	64	NNW	2	0	30.09	+0.06	58	56	-3	Z	0	0	*	74	55	-	*	0.16	
	Belfort	29.95	71	WSW	4	m	30.04	+0.09	61	58	-3	WSW	6	0	*	76	57	-	*	-	
	Lyons	30.03	72	NNE	1	bc	30.13	+0.05	62	57	+5	NW	1	c	*	75	57	-	*	0.04	
Nice	29.90	72	S	1	bc	29.94	+0.07	76	67	+3	Z	0	bc	0	82	66	-	*	-		
Perpignan	30.03	75	W	3	bc	30.10	+0.07	69	58	+5	W	2	bc	*	80	63	-	*	-		
SPAN. PEN.	Corunna													*				*	-		
	Lisbon													*				*	-		
	Azores (P. Delgada)													*				*	-		
„ (Horta)	30.17	66	SW	4	0	30.03	-0.29	66	65	+2	SW	4	r	1	70	64	-	*	0.32		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR SATURDAY, 2<sup>ND</sup> JULY, 1904.

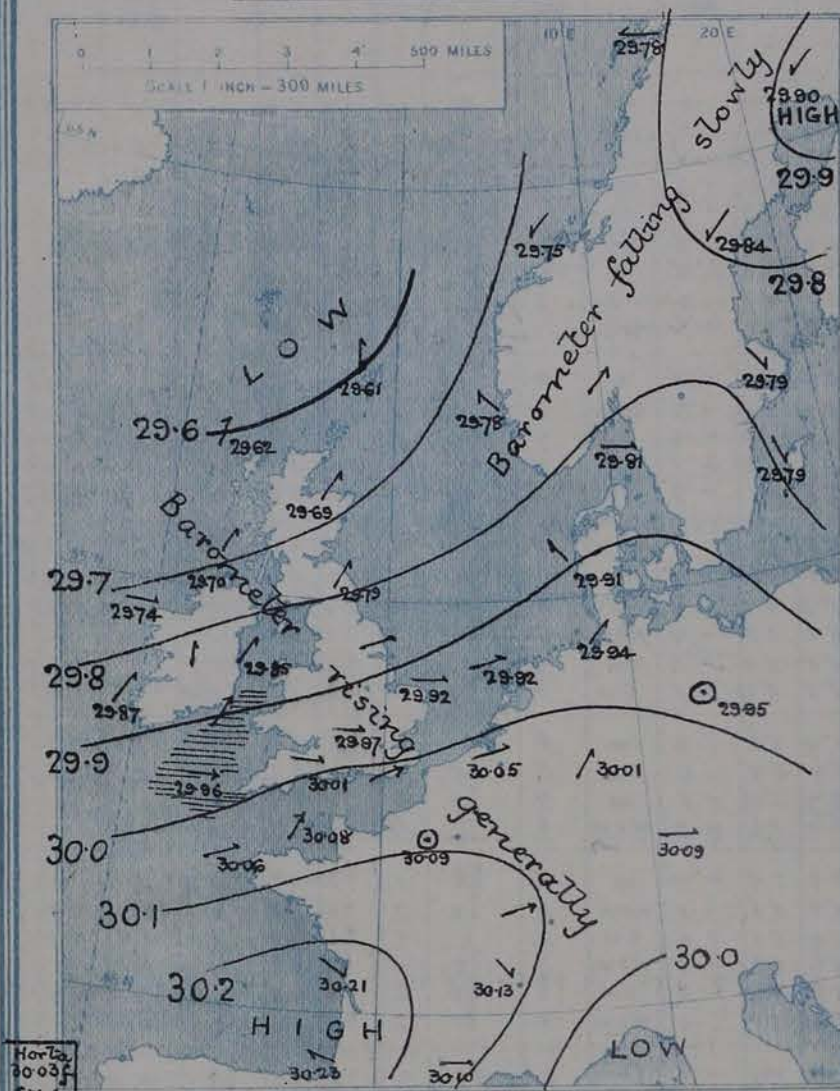
## I. BAROMETER, WIND AND SEA. This Morning.

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

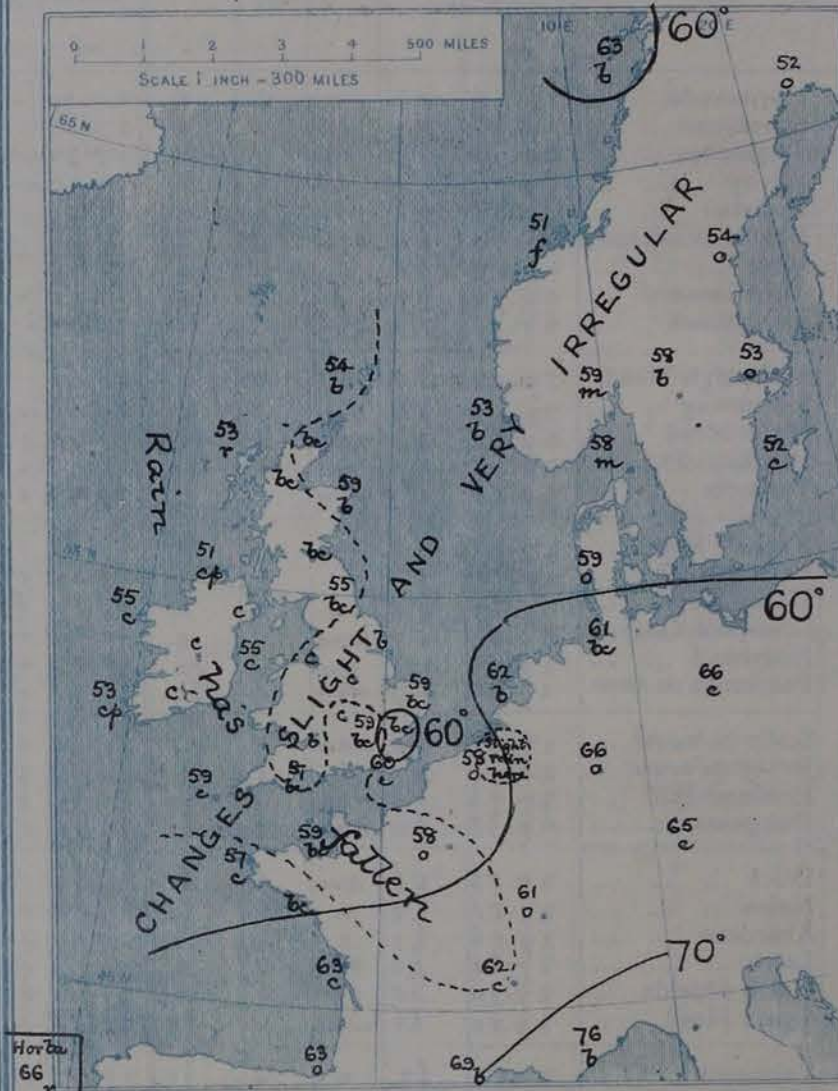


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

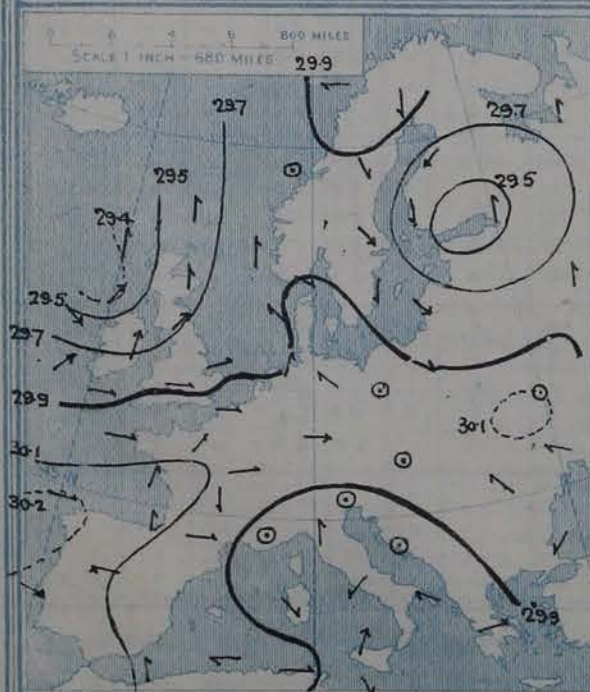
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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 BRIGHT SUNSHINE IN 1904.

Total Duration recorded in various districts of the United Kingdom in the 25 weeks ended Saturday, 25<sup>TH</sup> JUNE, with the percentage of the average duration.



## 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 barometer is now highest, 30.2 ins. and upwards, in an anticyclone having its centre over the southwest of France, and lowest, 29.6 ins. and less, in a large but shallow depression with its centre not far from the Farøe Isles. The mercury is rising generally, but fallen somewhat in Norway. Gradients have decreased considerably during the past 24 hours and are now slight throughout our Islands and their vicinity.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The prevailing wind current is SW<sup>ly</sup> and of little force as a whole, but in the southwest of England it blows a fresh breeze, and at Dungeness a strong breeze. Temperature agrees fairly well with the normal over Great Britain, but is rather low in Ireland. At Blackton-on-Sea it is 62° and at several other English stations, and at some in Scotland, 59°, but over Ireland it is considerably lower, the coldest spot being Malin Head with a reading of 51°. Over the Continent the figures range from 76° at Nice, 66° at Berlin, and 63° at Biarritz and Bodo to 53° at Stockholm and 51° at Christiansund. The weather is fair or fine as a whole, both over the United Kingdom and the western countries of the Continent, but in several parts of Sweden, Germany and France the sky is cloudy or overcast; at Valencia and Malin Head passing showers are reported, while in the Hebrides there is steady rain. The sea is rather rough at Pembroke and Scilly, moderate in the English Channel, slight or smooth elsewhere.

The highest temperature reported over our Islands yesterday was 72° at Yarmouth and in London. Slight showers were experienced in many places — most in the west and north — but the duration of bright sunshine was again more than 9 hours over the Kingdom generally, and more than 12 hours at some stations in the southwest and south.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The type of pressure distribution now prevailing favours the advance of depressions from the Atlantic which will affect our northwestern and northern districts far more than the south and southeast. In the former region changeable weather is probable — showers and bright intervals — while in the eastern, central, and southern counties fine weather will predominate.

## FORECASTS\*

For the 24 hours ending at NOON on 3<sup>RD</sup> JULY, 1904

### DISTRICTS.

### FORECASTS.

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

S<sup>ly</sup> and SW<sup>ly</sup> winds, light or moderate; changeable, some showers — most in west.

SW<sup>ly</sup> or W<sup>ly</sup> winds, light or moderate generally, but fresh in places; some local showers, otherwise fair and bright.

### DISTRICTS.

### FORECASTS.

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

SW<sup>ly</sup> winds, moderate or fresh; changeable, showery.

Same as Nos. 2 to 5.

Moderate or fresh winds between S. and W.; some showers, bright intervals.

### 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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m. ....	65	54	c	8.4	0.06	Hastings ... ..	*	*	*	11.5	*
Southport, to 9 p.m. ....	65	53	o, c	8.9	-	Broadstairs, ... ..	*	*	*	8.6	*
Rhyl, to 6 p.m. ....	*	*	*	6.5	*	Margate, to 7 p.m. ...	71	52	o, b	9.3	-
Llandudno ... ..	*	*	*	6.8	*	Lowestoft, to 6 p.m. ...	?	*	*	9.7	*
Bettws-y-Coed, to 6 p.m. ...	64	54	bc	6.2	*	Skegness ... ..	67	*	*	7.6	*
Aberystwyth, to 6 p.m. ...	60	53	r, c, b	12.3	0.03	Scarborough, ... ..	71	52	c, bc	8.5	-
Plymouth, to 9 p.m. ....	64	53	bc, bc, p, bc	9.6	0.04	Harrogate, to 6 p.m. ...	66	53	r, bc, p, b	9.0	0.03
Bournemouth, to 6 p.m. ...	65	54	*	12.0	*	Manchester, to 9 p.m. ...	62	48	c, o, p, o, u	4.3	0.12
Worthing ... ..	*	*	*	12.7	*	Darwen, to 9 p.m. ...	67.	52	c, b	11.0	-
Brighton, ... ..	? 65	*	*	11.7	*	Birmingham, to 9 p.m. ...					
Eastbourne, to 6 p.m. ...	66	*	*	12.0	*						

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

STATIONS. <i>1<sup>st</sup> July, 1904</i>	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. <i>1<sup>st</sup> July.</i>	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	68	54	b, b	-	Rome ... ..	87	65	b, c	-
St. Petersburg ... ..	66	54	o, r	0.35	Naples ... ..	83	67	b, bc	-
Moscow ... ..	*	*	bc, bc	-	Malta ... ..	?	71	?, o	-
Cracow ... ..	72	55	c, bc	-	<i>30<sup>th</sup> June.</i>				
Flushing* ... ..	73	57	b, c	-	Geneva ... ..	64	*	r	Measured 7 a.m. 0.01
Aix-la-Chapelle ... ..	*	*	bc, bc	-	Berne ... ..	68	*	o	-
Vienna ... ..	72	54	b, b	-	Lucerne ... ..	77	*	bc	-
Buda Pesth ... ..	77	57	?, b	0.39	Castasegna ... ..	73	*	b	-
Hermanstadt ... ..	72	45	b, b	-	Lugano ... ..	79	*	b	-
Florence ... ..	86	65	o, bc	0.95					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

<i>2<sup>nd</sup> July, 1904</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.36	11.57	8.17
Greenwich ... ..	3.49	12.4	8.18
Wick ... ..	3.12	12.16	9.19
Valencia ... ..	4.27	12.45	9.2

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

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on

Sunday, 3<sup>rd</sup> JULY, 1904.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sun- shine Hours.	Rainfall. Ins.
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 82° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.			
SCANDINAVIA	Haparanda...	29.66	55	E	2	0	29.86	-0.04	50	47	-2	NE	2	0	*	57	50	-	*	-	
	Hernösand ...	29.90	56	Z	0	0	29.77	-0.07	56	54	+2	Z	0	0	*	63	48	-	*	-	
	Stockholm ...	29.82	54	N	4	0	29.80	+0.01	60	57	+7	W	2	0	*	61	50	-	*	0.08	
	Wisby...	29.80	55	NNE	2	0	29.85	+0.06	62	57	+10	Z	0	0	*	62	52	-	*	0.08	
	Karlstad ...	29.76	62	SW	4	0	29.77	-0.03	58	54	0	SW	6	0	*	*	*	-	*	-	
	Færder (X'iania Fjord)	29.69	60	WSW	6	0	29.74	0.00	57	52	-2	WSW	6	0	3	63	55	-	*	-	
	Bodö ...	29.78	61	E	3	0	29.78	0.00	64	59	+1	E	2	0	1	68	59	-	*	-	
	Christiansund ...	29.77	58	NE	1	0	29.77	+0.02	53	51	+2	NW	1	0	1	58	50	-	*	0.43	
Skudesnaes ...	29.82	55	S	2	0	29.81	+0.03	54	53	+1	SSE	4	0	2	57	50	0	*	-		
BRITISH ISLANDS.	Sumburgh Head	29.67	53	SW	1	0	29.72	+0.11	51	50	-3	ESE	1	0	2	58	45	c	*	-	
	Stornoway ...	29.67	56	SW	2	0	29.70	+0.08	52	50	-1	SW	1	0	1	60	49	bc,p,o	4.1	0.26	
	Malin Head ...	29.72	58	W	4	bc p	29.74	+0.04	50	49	-1	SW	4	0	3	58	48	bc, bc p	*	0.07	
	Blacksod Pt. ...	29.77	56	W	5	cp	29.85	+0.11	55	50	0	WNW	5	0	4	59	50	bc, cp	*	0.09	
	Valencia ...	29.90	55	W	4	op	29.98	+0.11	56	52	+3	WSW	3	0	4	59	52	c, op	4.2	0.07	
	Roche's Point ...	29.91	59	SW	4	c	29.98	+0.09	55	53	0	W	3	0	3	60	49	c	*	0.03	
	Parsonstown ...	29.86	57	W	1	c	29.92	+0.08	55	50	+1	W	4	0	*	62	47	cp	5.8	0.05	
	Donaghadee ...	29.81	55	NW	2	+	29.82	+0.02	54	52	0	W	2	0	2	61	48	bc,m	*	0.43	
	Liverpool Obsy...	29.88	58	WSW	4	0	29.90	+0.03	53	50	-3	W	2	0	2	63	51	b,p	*	0.05	
	Holyhead ...	29.87	56	WSW	4	c	29.89	+0.04	56	53	+1	SW	3	0	2	59	50	b,c	*	0.06	
	Pembroke (St Ann's)	29.94	56	SW	5	bc	29.95	+0.04	55	51	0	WNW	5	0	5	59	53	c, bc p	12.6	0.09	
	Scilly (St. Mary's) ...	30.00	60	SW	4	0	30.02	+0.06	58	55	-1	W	4	0	4	63	55	0	4.8	0.05	
	Jersey (St. Aubins) ...	30.11	60	WNW	4	0	30.10	+0.02	59	57	0	SW	4	0	3	63	55	cg, op, c	13.2	0.01	
	Portland Bill ...	30.03	57	WSW	5	c	30.02	+0.01	56	55	-1	W	4	0	3	62	54	c	*	0.02	
	Dungeness ...	30.02	61	W	6	bc	29.99	0.00	58	56	-2	SW	6	0	4	63	56	bc	14.5	-	
	Wick ...	29.71	56	S	1	+	29.72	+0.10	55	51	-3	S	1	0	1	60	43	-	*	0.30	
	Nairn ...	29.69	60	W	2	c	29.71	+0.06	56	51	-2	W	2	0	1	65	43	-	*	0.02	
Aberdeen ...	29.75	57	W	2	c	29.74	+0.05	54	51	-5	S	1	0	2	66	45	bc, bc p, c	5.2	0.48		
Leith ...	29.75	66	WSW	2	c	29.78	+0.05	53	51	-6	SW	3	0	*	63	50	-	*	0.14		
North Shields ...	29.78	63	SW	3	c	29.79	0.00	59	54	+4	SW	2	0	2	68	52	c, bc, p, c	*	0.04		
Spurn Head ..	29.91	57	S	3	bc	29.92	+0.03	57	55	-2	SW	4	0	2	62	50	bc, bc	*	0.16		
GERMANY, &c.	Yarmouth ...	29.92	60	NNE	3	c	29.94	+0.02	57	55	-2	WSW	3	0	3	64	53	bc, p, c	*	0.11	
	Clacton-on-Sea ...	29.97	63	SW	4	bc	29.99	+0.03	58	57	-4	SW	4	0	3	67	56	bc, op	8.7	0.03	
	Nottingham ...	29.90	63	W	2	c	29.91	+0.02	58	53	+1	W	1	0	*	68	49	-	9.4	0.03	
	Bath ...	29.95	56	SW	3	bc	29.98	+0.03	59	55	+1	SW	4	0	*	65	55	-	10.3	0.03	
	Oxford ...	30.00	59	WSW	3	0	29.98	+0.02	56	55	-3	SW	2	0	*	68	54	0, +	*	0.06	
	London (Brixton) ...	29.99	58	WSW	2	0	29.97	0.00	56	56	-3	WSW	1	0	*	65	54	bc, p, c	9.4	0.15	
	The Scaw (Skagen)	29.84	56	WSW	3	bc	29.86	+0.05	57	53	-1	W	4	0	1	64	52	-	*	-	
	Fanö ...	29.95	60	WSW	4	0	29.96	+0.05	60	56	+1	SW	4	0	*	66	54	-	*	-	
Cuxhaven ...	29.98	62	WNW	2	bc	30.01	+0.07	59	56	-2	SW	3	0	*	68	52	-	*	-		
The Helder ...	29.96	58	WSW	2	bc	29.98	+0.06	61	57	-1	SW	3	0	2	64	57	-	*	-		
FRANCE.	Brussels ...	*	*	*	*	*	30.10	+0.05	61	54	+3	SW	3	0	*	69	47	-	*	0.04	
	Berlin ...	29.98	63	WSW	3	0	30.08	+0.13	63	61	-3	W	2	0	*	75	57	-	*	0.04	
	Frankfurt ...	30.09	64	N	3	0	30.14	+0.13	64	60	-2	SW	2	0	*	73	61	-	*	-	
	Munich ...	30.15	62	W	2	c	30.21	+0.12	61	57	-4	SW	3	0	*	73	57	-	*	0.16	
	C. Gris Nez ...	30.03	59	SW	5	0	30.02	+0.02	58	56	+1	SW	4	0	4	63	54	-	*	-	
	Brest ...	30.12	61	SW	4	0	30.10	+0.04	58	57	+1	W	3	0	3	64	57	-	*	-	
	Lorient ...	30.14	63	W	3	bc	30.13	+0.03	61	57	+2	W	2	0	4	68	55	-	*	-	
	Rochefort ...	30.21	66	NW	2	0	30.17	-0.04	61	58	-2	ESE	3	0	*	72	54	0	*	-	
	Biarritz ...	30.18	66	NNE	3	c	30.08	-0.15	66	61	+3	E	4	0	3	72	57	-	*	-	
	Paris ...	30.12	66	W	2	0	30.12	+0.03	63	58	+5	SW	1	0	*	72	41	-	*	-	
SPAN. PEN.	Belfort...	30.07	64	WSW	6	c	30.13	+0.09	62	56	+1	NNE	1	0	*	70	52	-	*	-	
	Lyons...	30.14	68	N	1	0	30.19	+0.06	60	54	-2	NW	1	0	*	74	52	-	*	-	
	Nice ...	29.93	78	Z	0	bc	30.02	+0.08	71	67	-5	SSW	1	0	0	88	63	-	*	-	
Perpignan ...	30.08	76	NW	1	0	30.10	0.00	68	63	-1	Z	0	0	*	81	57	-	*	-		
SPAN. PEN.	Corunna ...																		*	-	
	Lisbon ...	30.05	64	NW	5	0	30.09	+0.03	66	58	-1	N	3	0	*	79	57	-	*	-	
	Azores (P. Delgada)...	29.99	67	SW	5	+	30.00	-0.08	64	62	-3	NNE	4	0	3	72	64	-	*	0.55	
„ (Horta) ...	30.00	64	NNW	3	0	30.04	+0.01	60	58	-6	NNE	5	0	2	70	59	-	*	0.08		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR SUNDAY, 3<sup>RD</sup> JULY, 1904.

## 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

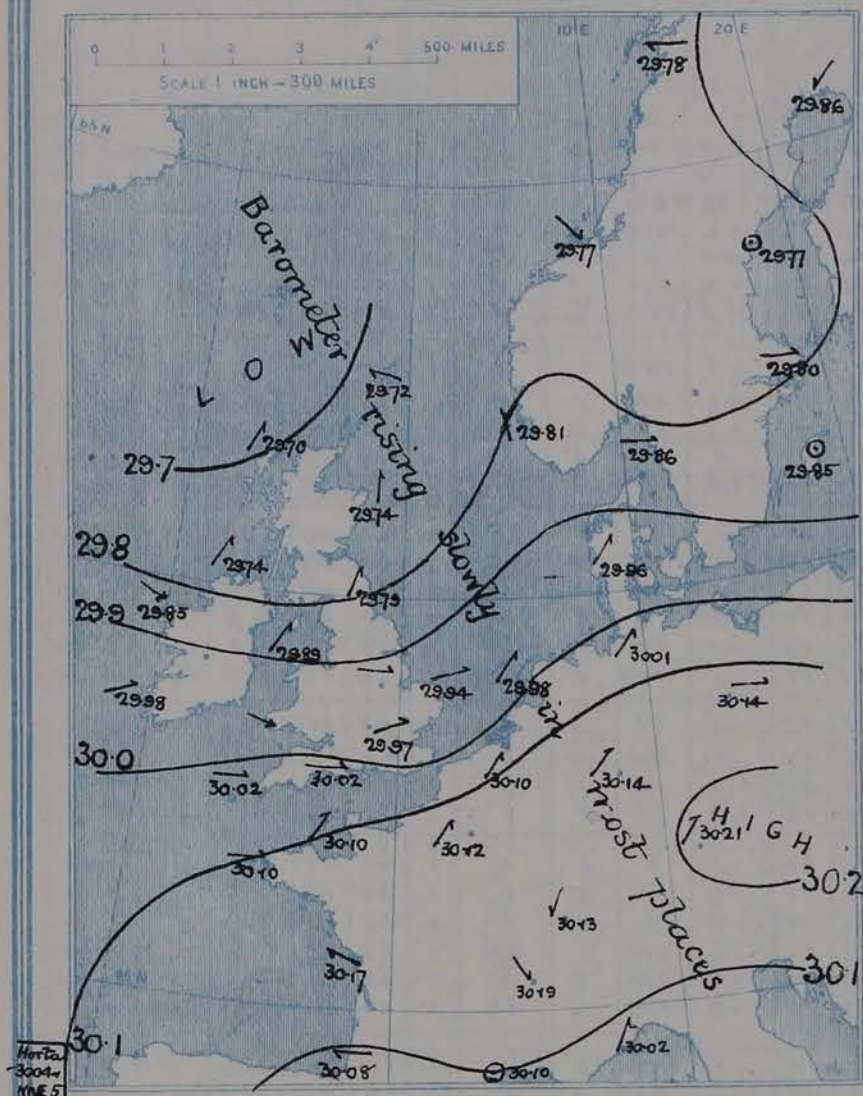
SEA.—Rough High

## 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.



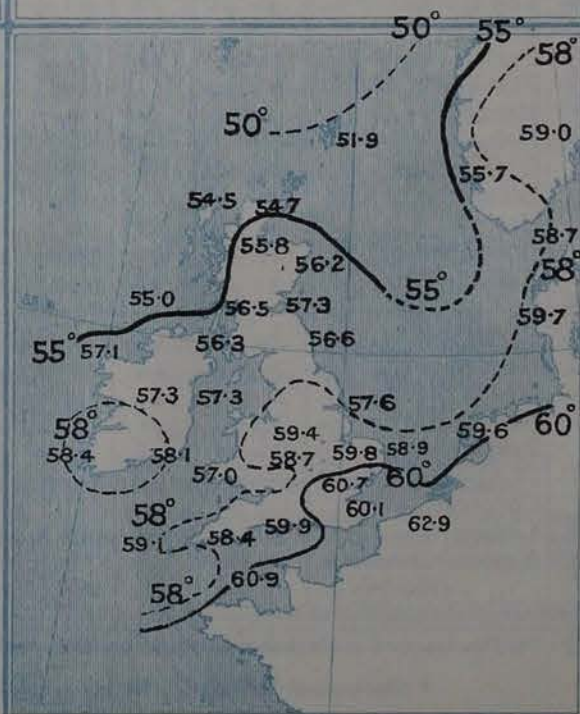
## IV. Accumulated Temperature above 42°.

Amount recorded in various districts of the United Kingdom in the 25 weeks ended Saturday 25<sup>th</sup> JUNE, with the percentage of the average for the corresponding period.



## 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

This morning's map shows a band of relatively high pressure, in which readings are over 30 ins., extending in a west to east direction over France and Germany, and separating a region of low pressure over the Mediterranean from one over Northern Europe and the Atlantic. The lowest readings reported in the latter are 29.70 ins. at Stornoway and 29.78 ins. at Bodø.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

A moderate to fresh W. wind current prevails over the greater part of the British Isles, the north of France and Germany, and the south of Scandinavia. Light and somewhat variable breezes are reported from northern Scotland and the north of Scandinavia.

The weather is fair over our area as a whole, but it is rather changeable in its northern half; a small secondary disturbance is causing rain at Oxford and London, while showers are reported from many stations in the British Isles and Scandinavia. Under the influence of the brisk W. wind temperature has fallen slightly at the majority of English and Scottish stations, but in Ireland there has been little change; readings range from 51° to 59°. The sea is rather rough at Pembroke, and moderate in the English Channel and on the west coast of Ireland, slight or smooth elsewhere.

Changeable showery weather prevailed during the past 24 hours, and rain was measured at all stations except Wick and Sumburgh Head. Nearly half an inch was registered at Aberdeen and Donaghadee. In spite of this, large amounts of bright sunshine were recorded in most places; over 10 hours were experienced at most southern stations, and the amounts were everywhere over 4 hours. Temperature rose to 68° at many inland and east coast stations, but a fresh sea breeze kept the thermometer below 60° in most places on our west coasts. Thunderstorms occurred along the east coast during the afternoon.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on 4<sup>TH</sup> JULY, 1904

### 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 (⌋), 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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	63	53	c	7.4	—	Hastings ... ..	*	*	*	14.4	*
Southport, to 9 p.m....	63	53	c, b	10.4	—	Broadstairs, ... ..	*	*	*		*
Rhyl, to 6 p.m. ....	*	*	*		*	Margate, to 6 p.m. ...	65	51	b, r	9.4	—
Llandudno ... ..	*	*	*	10.2	*	Lowestoft, to 6 p.m....					
Bettws-y-Coed, to 6 p.m....	62	49	c, bc	9.5	*	Skegness ... ..	*	*	*	11.4	*
Aberystwyth, to 6 p.m. ...	59	53	r, c, b	10.6	0.02	Scarborough, ... ..	*	*	*		*
Plymouth, to 9 p.m....	64	53	bcq, r, oq	6.9	0.09	Harrogate, to 6 p.m. ...	62	47	c, b, c	7.8	0.09
Bournemouth, to 6 p.m. ...	64	*	*	12.2	*	Manchester, to 9 p.m. ...	63	50	bc, r, h	6.6	0.07
Worthing ... ..	*	*	*	11.3	*	Darwen, to 9 p.m. ...	61	48	o, cp, b, bcq	8.3	0.19
Brighton, ... ..	*	*	*		*	Birmingham, to 9 p.m. ...	66	47	b, c	5.6	0.01
Eastbourne, to 6 p.m. ...	*	*	*		*						

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

STATIONS. 2 <sup>nd</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	73	57	b, o	—	2 <sup>nd</sup> JULY,				
St. Petersburg ... ..	63	55	o, o	0.04	Rome ... ..	79	65	b, b	1.85
Moscow ... ..	*	*	c, bc	0.04	Naples ... ..	78	67	b, b	—
Cracow ... ..	72	52	b, b	—	Malta ... ..	81	71	?, bc	—
Flushing ... ..	68	53	b, o	—	1 <sup>st</sup> JULY.				
Aix-la-Chapelle ... ..	*	*	o, bc	0.08	Geneva ... ..	73	*	c	Measured 7 a.m. 0.43
Vienna ... ..	73	61	bc, bc	—	Berne ... ..	66	*	o	0.24
Buda Pesth ... ..	81	57	b, b	—	Lucerne ... ..	70	*	o	1.14
Hermanstadt ... ..	75	48	c, c	—	Castasegna ... ..	73	*	b	0.32
Florence ... ..	86	61	b, b	—	Lugano ... ..	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.

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

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

3 <sup>rd</sup> July, 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.37	11.57	8.17
Greenwich ... ..	3.50	12.4	8.18
Wick ... ..	3.14	12.16	9.18
Valencia ... ..	4.28	12.45	9.2

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

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on *Monday, 4<sup>th</sup> July, 1904.*

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Temp.		Weather	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...	29.76	57	NE	2	o	29.69	-0.17	53	52	+3	E	2	7	*	61	48	-	*	0.32	
	Hernösand...	29.74	49	X	0	f	29.71	-0.06	51	50	-5	E	2	f	*	57	48	-	*	-	
	Stockholm...	29.79	58	W	4	f	29.76	-0.04	58	53	-2	SW	2	o	*	68	52	-	*	-	
	Wisby...	29.85	67	X	0	b	29.80	-0.05	60	57	-2	SSW	2	o	*	70	50	-	*	-	
	Karlstad...	29.74	58	SSW	4	b	29.70	-0.07	56	53	-2	SSW	4	b	*	*	*	-	*	-	
	Færder (X'ania Fjord)	29.70	57	WSW	6	b	29.67	-0.07	59	54	+2	WSW	1	b	2	59	54	-	*	-	
	Bodö...	29.71	58	?	?	b	29.71	-0.07	53	51	-11	W	2	7	1	64	52	-	*	-	
	Christiansund...	29.78	51	NW	2	7	29.78	+0.01	52	50	-1	N	2	o	2	54	50	-	*	0.32	
Skudesnaes...	29.80	54	X	0	o	29.80	-0.01	55	52	+1	NNW	3	b	3	57	48	m, o	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.75	54	E	2	c	29.80	+0.08	53	51	+2	SW	1	b	1	55	45	o, c	*	-	
	Stornoway...	29.76	59	WNW	2	o	29.80	+0.10	52	50	0	SW	2	o	2	59	52	7, o	4.3	0.42	
	Malin Head...	29.87	55	WNW	5	b	29.87	+0.13	51	50	+1	SW	5	o	3	56	48	o, b, c, p	*	0.01	
	Blacksod Pt.	29.96	55	W	4	c	29.88	+0.03	57	54	+2	SW	5	c	4	58	51	c	*	0.03	
	Valencia...	30.05	57	WSW	3	c	30.00	+0.02	57	56	+1	S	4	o	4	60	53	b, c, c	9.2	-	
	Roche's Point...	30.04	60	W	3	o	30.06	+0.08	56	55	+1	WSW	3	o	2	61	53	c, o	*	-	
	Parsonstown...	30.01	51	W	1	b	29.99	+0.07	58	54	+3	W	1	c	*	61	50	-	?	-	
	Donaghadee...	29.88	59	WNW	3	c	29.98	+0.10	53	51	-1	SSW	2	c	2	61	49	b, c, p, o, m	*	0.07	
	Liverpool Obsy...	29.92	58	W	5	o	30.03	+0.13	55	53	+2	W	2	c	2	61	53	-	*	-	
	Holyhead...	29.95	56	WSW	3	c	30.03	+0.14	55	52	-1	WSW	2	c	1	61	51	c, c, p	*	0.05	
	Pembroke (St Ann's)	30.01	56	W	6	b	30.07	+0.12	56	54	+1	WSW	4	c	3	58	53	b, c, p	11.1	0.01	
	Scilly (St. Mary's)	30.09	61	W	4	b	30.14	+0.12	60	56	+2	SW	2	c	2	63	55	b	6.5	-	
	Jersey (St. Aubins)	30.14	60	W	5	b	30.18	+0.08	59	56	0	WNW	3	b	3	67	54	b, c, o, m	6.6	-	
	Portland Bill...	30.06	61	W	3	b	30.14	+0.12	58	54	+2	WNW	3	b	2	61	54	b	*	-	
	Dungeness...	29.97	61	W	5	b	30.09	+0.10	59	54	+1	WNW	3	b	1	63	49	b	4.1	-	
	Wick...	29.76	58	S	1	c	29.84	+0.12	57	53	+2	W	1	b	1	61	46	c, b	*	0.01	
	Nairn...	29.77	55	WSW	2	c	29.85	+0.14	56	51	0	WSW	3	b	1	67	47	-	*	0.10	
	Aberdeen...	29.76	56	ESE	2	b	29.89	+0.15	56	51	+2	SW	2	c	2	61	44	c, p, b, c	3.3	0.04	
	Leith...	29.77	60	W	3	b	29.92	+0.14	59	53	+6	WSW	2	c	*	62	48	b, c, p	*	0.06	
	North Shields	29.81	58	W	3	c	29.95	+0.16	56	52	-3	WSW	3	c	2	66	49	c, p	*	0.09	
	Spurn Head...	29.87	60	WNW	5	b	29.96	+0.04	56	54	-1	W	4	b	2	64	51	b, c, b	*	-	
	Yarmouth...	29.89	62	WNW	3	b	30.01	+0.07	55	52	-2	W	4	c	3	65	49	r, b, c	*	0.12	
	Clacton-on-Sea...	29.94	65	WSW	4	c	30.07	+0.08	60	55	+2	W	2	b	2	66	49	b, c, p, b, c	3.2	0.32	
	Nottingham...	29.92	60	WNW	3	c	30.04	+0.13	56	52	-2	W	1	o	*	64	49	c, p, c	8.4	0.07	
	Bath...	30.04	62	SE	5	b	30.10	+0.12	59	54	0	NE	1	b	*	65	51	-	9.5	-	
	Oxford...	30.01	57	WSW	3	b	30.10	+0.12	58	53	+2	WSW	2	c	*	66	50	b, p, b	*	0.27	
	London (Brixton)	29.97	65	W	4	o	30.09	+0.12	60	54	+4	W	2	b	*	70	50	c, b	5.9	0.14	
GERMANY, &c.	The Scaw (Skagen)	29.82	55	W	2	b	29.74	-0.12	57	53	0	W	3	c	1	63	52	-	*	-	
	Fanö...	29.88	54	S	2	o	29.85	-0.11	59	53	-1	WNW	4	c	*	66	54	-	*	0.12	
	Cuxhaven...	29.97	58	SSW	1	7	29.91	-0.10	57	54	-2	W	4	b	*	64	54	r	*	0.91	
	The Helder...	29.89	59	WSW	3	c	29.98	-0.00	58	54	-3	WNW	3	b	2	61	55	-	*	-	
	Brussels...	*	*	*	*	*	30.10	00	58	55	-3	WSW	2	o	*	69	50	-	*	0.04	
	Berlin...	30.00	68	WSW	1	b	29.95	-0.13	61	57	-2	SW	4	c	*	75	57	-	*	0.08	
	Frankfurt...	30.02	66	S	3	o	30.08	-0.06	65	60	+1	SW	4	b	*	72	55	-	*	0.08	
	Munich...	30.14	64	W	1	b	30.13	-0.08	62	59	+1	SW	4	o	*	70	54	-	*	-	
FRANCE.	C. Gris Nez...	29.99	59	SW	5	b	30.08	+0.06	56	54	-2	WSW	3	b	0	63	54	-	*	-	
	Brest...	30.15	60	NW	2	o	30.17	+0.07	55	54	-3	NE	1	b	1	66	50	-	*	-	
	Lorient...	30.11	68	WNW	4	b	30.13	00	59	54	-3	E	2	b	2	72	54	-	*	-	
	Rochefort...	30.10	69	NNW	4	b	30.16	-0.01	63	58	+2	NE	4	c	*	81	57	b	*	-	
	Biarritz...	30.12	70	WSW	4	b	30.17	+0.09	68	65	+2	WSW	3	b	2	84	63	b, c	*	0.04	
	Paris...	30.08	69	NNW	3	b	30.18	+0.06	55	53	-8	N	2	o	*	78	51	-	*	-	
	Belfort...	30.03	69	W	3	b	30.07	-0.06	59	56	-3	WSW	4	c	*	76	53	-	*	-	
	Lyons...	30.06	74	ENE	1	b	30.12	-0.07	64	61	+4	NE	1	c	*	78	57	-	*	-	
Nice...	30.03	73	ESE	1	b	30.04	+0.02	70	67	-1	X	0	b	1	82	63	-	*	-		
Perpignan...	30.04	72	SW	1	b	30.06	-0.04	72	68	+4	X	0	b	*	78	60	-	*	-		
SPAN. PEN.	Corunna†...	30.09	64	N	3	b	30.10	?	59	57	?	N	1	f	2	68	54	-	*	-	
	Lisbon†...	30.09	64	NW	5	b	30.14	+0.05	66	59	-2	N	4	f	*	64	57	-	*	-	
	Azores (P. Delgada)...	30.13	63	NNE	2	7	30.19	+0.19	64	60	0	NE	4	b	*	68	61	-	*	0.04	
	„ (Horta)...	30.18	61	NNE	3	c	30.24	+0.20	61	56	+1	NNE	4	b	2	66	60	-	*	-	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR MONDAY 4<sup>TH</sup> JULY, 1904.

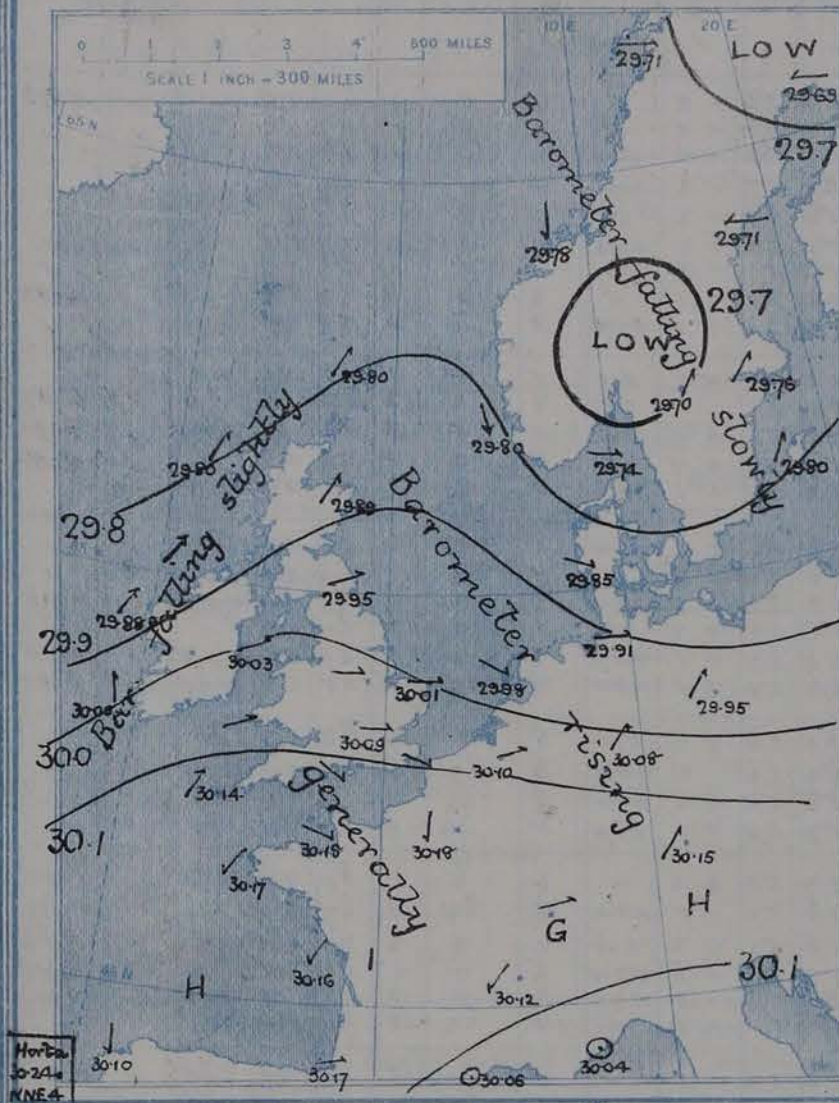
## I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force above 10  $\rightarrow$  : Force 5 to 7  $\rightarrow$  : Force 3 to 4  $\rightarrow$  : Force 1 to 2  $\rightarrow$  : Calm  $\odot$

SEA.—Rough  $\text{---}$  High  $\text{---}$



## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

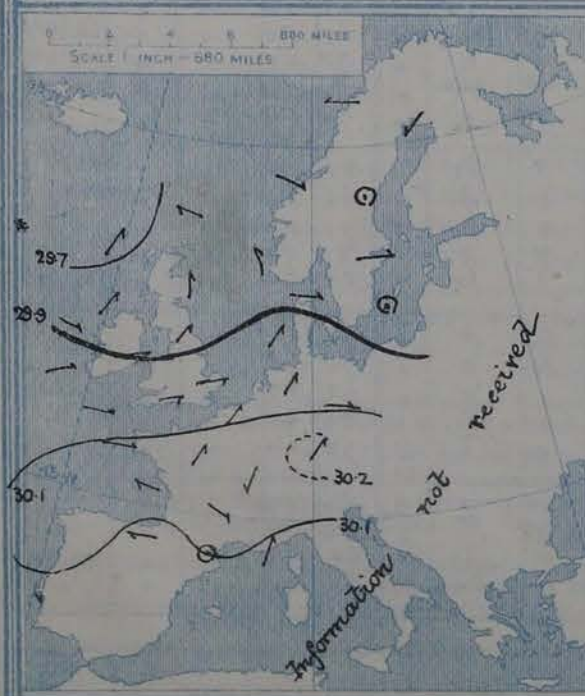
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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. Accumulated Temperature above 42°.

Amount recorded

in various districts of the United Kingdom in the week ended Saturday 25<sup>TH</sup> JUNE, with the percentage of the average for the corresponding week.



## 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 barometer is highest, 30.1 in. and upwards, in an anticyclone over the Bay of Biscay, France, our southern coast, and South Germany, while it is lowest, 29.7 in. and less, in a shallow depression that has reached Scandinavia from the westward. The mercury is still rising slightly within the limits of the anticyclone, but falling again on our western and northern coasts.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind has backed to the SW<sup>2</sup> in Ireland, Wales, and Scotland, but is W<sup>2</sup> over England and the adjacent portion of the Continent. It blows freshly at Blackhead and Malin Head, but is light or moderate elsewhere. Over Scandinavia there is a feeble cyclonic circulation around the baric minimum. Temperature differs little from the normal in our Islands generally, but is low at some northwestern stations. It ranges from 60° in London, at Bournemouth, and Scilly and 59° at Leith to 53° at Donaghadee, 52° in the Hebrides, and 51° at Malin Head. In most parts of the Continent the readings are lower than at the same hour yesterday, and range from 72° at Perpignan and 65° at Frankfurt to 55° at Paris, and to 51° at Heriöland. The sky is fairly clear in a few places, but both over the United Kingdom and the Continent there is a good deal of cloud generally; in the extreme north of Scandinavia rain is falling. The sea is moderate to smooth.

The highest temperature recorded over our Islands yesterday was 70° in London; at some stations in the extreme northwest and at Pembroke the thermometer remained below 60°. Showers were experienced in most parts of the Kingdom, and in some English and Scotch localities they were accompanied by thunder. Rain also fell in some Continental regions; at Cuxhaven there was 0.9 in. Bright sunshine was fairly prevalent generally, but less so in the south and southeast than elsewhere. The newspapers report that at 3.20 p.m. distinct shocks of Earthquake were felt over the north midland counties of England, as well as in Cheshire and Lincolnshire.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fall of the barometer in the west and northwest indicates the approach of a depression which will probably move eastwards and cause some rain and freshening SW<sup>2</sup> to W<sup>2</sup> winds over all our most western and northern districts. The south and east of England are not likely to come under its influence until tomorrow.

## FORECASTS\*

For the 24 hours ending at NOON on 5<sup>th</sup> JULY, 1904

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	SW <sup>2</sup> to W <sup>2</sup> winds, freshening; weather becoming unsettled with some rain — most in west.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Moderate or light winds between W and SW; generally fair today, less so tomorrow.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

6	{ SCOTLAND WEST	SW <sup>2</sup> to W <sup>2</sup> winds, freshening; changeable, some rain.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	Same as Nos. 2 to 5.
9	{ IRELAND NORTH	Same as Nos. 0 and 1.
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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	63	54	c, o	9.8	-	Hastings ... ..	*	*	*	5.6	*
Southport, to 9 p.m....	63	54	c	9.7	-	Broadstairs, ... ..	*	*	*		*
Rhyl, to 6 p.m. ... ..	*	*	*	7.7	*	Margate, to 6 p.m. ...	66	51	c, b	3.9	0.06
Llandudno ... ..	*	*	*	7.6	*	Lowestoft, to 6 p.m....					
Bettws-y-Coed, to 6 p.m....	62	49	c, b, c	9.5	*	Skegness ... ..		*	*		*
Aberystwyth, to 6 p.m. ...	61	55	c, b	12.2	-	Scarborough, ... ..	66	*	*	7.8	*
Plymouth, to 9 p.m....						Harrogate, to 6 p.m. ...	62	48	r, c, b, c	9.0	0.13
Bournemouth, to 6 p.m. ...	67			7.3		Manchester, to 9 p.m. ...	64	50	r, p, g, c, b, c	6.5	0.15
Worthing ... ..	*	*	*	5.7	*	Darwen, to 7 p.m. ...	61	48	b, c, p, b, c, o	8.1	0.07
Brighton, ... ..	*	*	*	6.7	*	Birmingham, to 9 p.m. ...	64	51	o, r, c	8.5	0.15
Eastbourne, to 6 p.m. ...		*	*	5.5	*						

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

STATIONS. <i>3<sup>rd</sup> July, 1904</i>	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
<i>Obsns. not received.</i>					<i>3<sup>rd</sup> July not recd.</i>				
Copenhagen ... ..					Rome ... ..				
St. Petersburg ... ..					Naples ... ..				
Moscow ... ..					Malta ... ..				
Cracow ... ..					<i>2<sup>nd</sup> July.</i>	<i>1 p.m.</i>		<i>1 p.m.</i>	<i>Measured</i>
Flushing ... ..					Geneva ... ..	66	*	c	<i>7 a.m.</i>
Aix-la-Chapelle ... ..					Berne ... ..	63	*	o	0.08
Vienna ... ..					Lucerne ... ..	66	*	o	0.16
Buda Pesth ... ..					Castasegna ... ..	75	*	c	0.55
Hermanstadt ... ..					Lugano ... ..	79	*	b	-
Florence ... ..									

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

<i>4<sup>th</sup> July, 1904</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.38	11.57	8.16
Greenwich ... ..	3.51	12.44	8.17
Wick ... ..	3.15	12.16	9.17
Valencia ... ..	4.29	12.45	9.1

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on *Tuesday, 5<sup>th</sup> July, 1904.*

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.)	Temp.		Weather.	Sun- shine Hours.	Rainfall. Ins.	
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
																					Ins.
SCANDINAVIA	Haparanda...	29.75	48	S	2	0	29.81	+12	54	50	+1	NNW	2	0	*	59	48	-	*	0.08	
	Hernösand...	29.73	47	N	0	7	29.75	+04	50	48	-1	NE	2	0	*	59	46	-	*	-	
	Stockholm...	29.68	57	SSE	2	0	29.65	-11	56	55	-2	NW	4	0	*	64	50	-	*	0.12	
	Wisby...	29.86	56	N	0	C	29.70	-10	55	53	-5	WNW	4	C	*	63	52	-	*	0.91	
	Karlstad...	29.67	60	W	2	0	29.73	+03	57	53	+1	WNW	2	0	*	*	*	-	*	-	
	Færder (X'ania Fjord)	29.70	60	W	1	0	29.77	+10	59	53	0	NW	1	0	1	63	54	-	*	-	
	Bodö...	29.75	52	W	2	0	29.77	+06	51	50	-2	W	2	C	1	57	48	-	*	-	
	Christiansund...	29.84	53	NNE	1	C	29.78	00	53	51	+1	E	3	0	2	57	48	-	*	0.04	
	Skudesnaes...	29.86	55	NNW	4	0	29.84	+04	55	53	0	SSE	4	C	2	57	46	0	*	-	
BRITISH ISLANDS.	Sumburgh Head	29.76	55	S	2	0	29.58	-22	52	52	-1	W	3	0	3	60	50	0, 0	*	0.08	
	Stornoway...	29.62	52	SW	5	7	29.74	-06	53	49	+1	WNW	2	0	2	53	48	0, 7	0.0	0.08	
	Malin Head...	29.72	53	SW	6	7m	29.85	-02	53	50	+2	WNW	3	0	3	54	49	7, 7m	*	0.13	
	Blacksod Pt. ...	29.76	56	WSW	6	7m	29.92	+04	55	52	-2	WNW	3	C	3	57	52	7m	*	0.29	
	Valencia...	29.94	56	SSW	4	7m	30.00	00	56	55	-1	WSW	3	0	4	60	54	7, 7m	0.0	0.41	
	Roche's Point...	29.98	57	SSW	4	7	29.99	-07	58	57	+2	W	3	0	2	60	54	0, 7	*	0.26	
	Parsonstown...	29.88	56	W	1	7	29.95	-04	57	55	-1	W	1	0	*	60	54	0, 7	0.0	0.10	
	Donaghadee...	29.84	55	WSW	3	7	29.86	-12	56	54	+3	NW	2	0	2	56	52	0, 7m	*	0.17	
	Liverpool Obsy...	29.98	56	WSW	3	7	29.92	-11	56	55	+1	WSW	2	7	1	61	53	C, 7	*	0.09	
	Holyhead...	29.94	55	SW	4	7m	29.90	-13	55	55	0	WSW	2	0	1	59	53	0, 7m	*	0.22	
	Pembroke (St Ann's)	30.02	57	SW	5	C	29.98	-09	56	56	0	WSW	5	0	4	60	55	0, 7	0.4	0.04	
	Scilly (St. Mary's)	30.09	62	SW	3	C	30.03	-11	60	57	0	WSW	4	0	2	64	56	C	10.0	0.04	
	Jersey (St. Aubins)	30.15	62	WNW	3	0	30.12	-06	61	55	+2	WSW	3	C	3	66	52	0, 0, 0, 0	12.8	-	
	Portland Bill...	30.13	59	W	4	C	30.07	-07	58	56	0	WSW	4	C	3	64	55	C	*	-	
	Dungeness...	30.08	60	WNW	5	C	30.02	-07	58	56	-1	W	4	C	3	63	54	C	7.8	-	
	Wick...	29.73	56	W	2	C	29.70	-14	54	52	-3	NW	3	C	2	61	51	C, 7	*	0.12	
Nairn...	29.74	57	SW	1	0	29.73	-12	55	51	-1	W	3	C	1	60	51	-	*	0.09		
Aberdeen...	29.80	58	SSW	4	C	29.73	-16	60	55	+4	NNW	3	C	1	63	51	0, 0, 0, 0	4.7	0.07		
Leith...	29.84	59	WSW	3	7	29.79	-13	59	55	0	WSW	3	0	*	64	54	7	*	0.05		
North Shields...	29.92	57	SW	3	7	29.79	-16	58	56	+2	SW	2	0	2	65	52	7	*	0.21		
Spurn Head...	29.98	62	WSW	3	C	29.89	-07	59	57	+3	WSW	4	C	2	64	55	-	*	0.05		
Yarmouth...	30.01	64	WSW	1	C	29.95	-06	60	56	+5	WSW	3	C	3	64	55	C	*	-		
Clacton-on-Sea...	30.04	67	SSW	3	C	30.02	-05	58	55	-2	SW	4	0	3	69	56	0, 0, 0, 0	7.3	-		
Nottingham...	30.01	61	WSW	2	0	29.91	-13	61	57	+5	W	3	C	*	66	55	C, 0	0.7	0.02		
Bath...	30.06	62	SW	3	0	30.01	-09	60	57	+1	SW	3	0	*	66	56	-	4.0	-		
Oxford...	30.06	60	WSW	3	0	30.00	-10	59	56	+1	SW	3	0	*	66	55	0	*	-		
London (Brixton)...	30.05	65	W	3	0	30.02	-07	59	56	-1	W	4	0	*	70	55	C, 0	6.2	-		
GERMANY, &c.	The Scaw (Skagen)	29.74	57	W	3	0	29.81	+07	58	53	+1	W	4	0	0	63	55	-	*	-	
	Fanö...	29.95	58	WNW	4	C	29.97	+12	58	56	-1	WSW	4	C	*	61	54	-	*	-	
	Cuxhaven...	29.99	59	WNW	4	0	30.02	+11	57	55	0	SW	2	0	*	61	54	-	*	-	
	The Helder...	30.02	58	SW	2	0	29.96	-02	59	56	+1	WSW	2	7	2	63	57	-	*	-	
	Brussels...	*	*	*	*	*	30.10	00	59	54	+1	WSW	3	C	*	70	48	-	*	-	
	Berlin...	30.00	62	W	3	0	30.06	+11	60	55	-1	WNW	4	0	*	70	54	-	*	-	
	Frankfurt...	30.09	59	N	3	0	30.11	+03	60	57	-5	E	2	0	*	72	55	-	*	-	
	Munich...	30.17	64	N	0	C	30.17	+04	62	57	0	SE	2	0	*	73	55	-	*	-	
FRANCE.	C. Gris Nez...	30.09	58	WSW	4	C	30.04	-04	57	55	+1	SSW	4	0	4	64	55	-	*	-	
	Brest...	30.13	64	NW	1	0	30.13	-04	60	58	+5	N	0	0	1	66	55	-	*	-	
	Lorient...	30.10	68	W	2	C	30.13	00	62	55	+3	E	1	0	2	73	55	-	*	-	
	Rochefort...	30.13	77	NE	2	0	30.15	-01	67	62	+4	NE	2	0	*	88	63	C, 0	*	-	
	Biarritz...	30.15	69	W	2	0	30.19	+02	67	64	-1	WSW	3	0	1	69	63	-	*	-	
	Paris...	30.12	69	WNW	2	0	30.15	-03	61	55	+6	SE	1	0	*	75	48	-	*	-	
	Belfort...	30.02	71	WSW	4	0	30.07	00	61	55	+2	ENE	2	0	*	77	52	-	*	-	
	Lyons...	30.02	76	NNE	1	C	30.11	-01	65	58	+1	NNE	1	C	*	81	59	-	*	-	
	Nice...	29.98	71	SW	2	C	29.98	-06	69	69	-1	N	0	C	*	84	64	-	*	-	
	Perpignan...	29.99	77	SW	1	0	30.06	00	72	68	0	W	2	0	*	85	65	-	*	-	
SPAN. PEN.	Corunna...																	*	-	-	
	Lisbon...																	*	-	-	
	Azores (P. Delgada)...																	*	-	-	
	" (Horta)...	30.30	61	NNE	1	0	30.29	+08	61	58	0	N	0	0	1	68	57	-	*	-	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR TUESDAY, 5<sup>TH</sup> JULY, 1904.

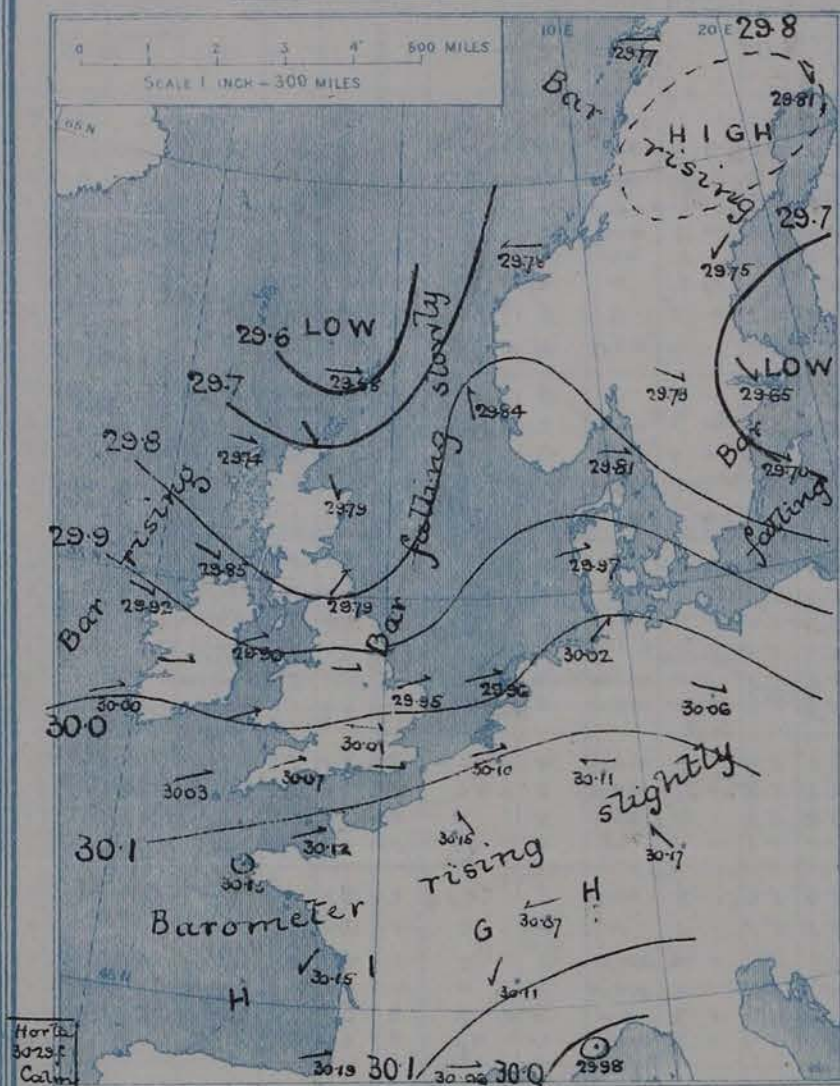
## I. BAROMETER, WIND AND SEA. This Morning.

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

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

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

SEA.—Rough 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

recorded

in various districts of the United Kingdom during the week ended Sat. 2<sup>ND</sup> JULY.



## 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 depression which was approaching our northwest coasts yesterday morning is now centred to the northward of the Shetlands, and has a secondary minimum over the southeast of Scotland and northeast of England. Pressure varies from above 30.1 ins. in an anticyclonic band extending from the Bay of Biscay across France and South Germany, to 29.65 ins. at Stockholm, and to 29.58 ins. at Lumburgh Head. The barometer is falling on the west coast of Norway, rising again in the west and north of our Islands.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light or moderate from the W<sup>ly</sup> over the United Kingdom generally, but is NW<sup>ly</sup> in a few places and SW<sup>ly</sup> in others. At Skudesnaes it draws into South, and at Christiansund into East. The sky is very cloudy or quite overcast at nearly all our own stations, as well as in most parts of Scandinavia and the Netherlands. Rain is falling at the Helder and Liverpool, and passing showers at Scilly, Valencia, and Llyn Head. Over France and the south of Germany the weather is mostly fair; at Perpignan, however, thunder is reported. Temperature shows no decided change; over our Islands it ranges from 61° at Nottingham and Jersey to 55° at Holyhead, and to 52° in the Shetlands, and over the Continent from 72° at Perpignan to 60° at Brest and Berlin, and to 50° at Hernösand. The sea is moderate to smooth.

The highest temperature recorded at any of our own stations yesterday was 70° in London. Rain has fallen during the past 24 hours in Scandinavia and in most parts of the United Kingdom. The amounts have not been large generally, but there was as much as 0.4 in. at Valencia (Ireland) and 0.9 in. at Wisby. Between 8 and 10 hours of bright sunshine were registered over our southern counties, but less elsewhere; in the northwest there was very little or none.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

As the depression now affecting the United Kingdom passes on to Scandinavia some improvement in the weather will be experienced generally, but rain or passing showers are probable today in most localities.

## FORECASTS\*

For the 24 hours ending at NOON on 6<sup>TH</sup> JULY, 1904

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	NW <sup>ly</sup> to W <sup>ly</sup> or SW <sup>ly</sup> winds; dull, some showers, improving later.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	W <sup>ly</sup> winds, light or moderate; dull, with some showers, then fair.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as Nos. 0 and 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	W <sup>ly</sup> winds, moderate or light; dull, some rain, then fair.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	Same as Nos. 0 and 1.

### 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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	62	53	cp	? 0.3	0.09	Hastings ... ..	*	*	*	9.6	*
Southport, to 9 p.m....	62	54	c, o, or	0.8	0.11	Broadstairs, ... ..	*	*	*	5.6	*
Rhyl, to 6 p.m. ... ..	*	*	*	0.1	*	Margate, to 6 p.m. ...	68	51	b, o	6.2	0.02
Llandudno ... ..	*	*	*	0.5	*	Lowestoft, to 6 p.m....	65	46	c, b, c, p, o	5.1	-
Bettws-y-Coed, to 6 p.m....	61	47	cp, o	0.9	*	Skegness ... ..	68	*	*	5.7	*
Aberystwyth, to 6 p.m. ...	61	56	c, o	5.2	-	Scarborough, ... ..	66	*	*	5.6	*
Plymouth, to 9 p.m....	64	51	og, b, c	6.9	-	Harrogate, to 6 p.m. ...	61	46	c, o	1.0	-
Bournemouth, to 6 p.m. ...	66	*	*	7.8	*	Manchester, to 9 p.m. ...	64	49	b, c, r, p	0.5	0.13
Worthing ... ..	*	*	*	10.2	*	Darwen, to 9 p.m. ...	60	47	c, o, or, or	0.3	0.11
Brighton, ... ..	64	*	*	11.7	*	Birmingham, to 9 p.m. ...					
Eastbourne, to 6 p.m. ...	*	*	*	10.1	*						

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

STATIONS. <i>4<sup>th</sup> July, 1904</i>	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. <i>4<sup>th</sup> July.</i>	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	64	52	r, o	0.59	Rome ... ..	87	68	b, b	-
St. Petersburg ... ..	70	54	c, o	-	Naples ... ..	85	61	b, b, c	-
Moscow ... ..	*	*	c, c	0.43	Malta ... ..	83	71	?, b	-
Cracow ... ..	77	55	c, o	-	<i>3<sup>rd</sup> July. Not recd.</i>				
Flushing ... ..	64	57	c, c	-	Geneva ... ..	1 p.m.	*	1 p.m.	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	c, o	0.16	Berne ... ..		*		
Vienna ... ..	72	64	o, o	-	Lucerne ... ..		*		
Buda Pesth ... ..	84	63	o, b, c	-	Castasegna ... ..		*		
Hermanstadt ... ..	82	50	b, c	-	Lugano ... ..		*		
Florence ... ..	89	66	b, c	-					

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

<i>5<sup>th</sup> July, 1904.</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.38	11.57	8.16
Greenwich ... ..	3.51	12.44	8.17
Wick ... ..	3.16	12.16	9.16
Valencia ... ..	4.29	12.45	9.1

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 6<sup>th</sup> July, 1904.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sun shine Hours	Rainfall Ins.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.			
SCANDINAVIA	Haparanda...	29.73	58	SE	4	0	29.75	-0.6	56	55	+2	Z	0	r	*	68	54	-	*	0.12	
	Hernösand ...	29.74	51	Z	0	0	29.77	+0.2	61	56	+11	Z	0	bc	*	64	46	-	*	-	
	Stockholm ...	29.76	61	WSW	2	c	29.86	+0.21	59	55	+3	WSW	6	bc	*	66	52	-	*	-	
	Wisby...	29.82	57	W	2	c	29.91	+0.21	58	55	+3	WNW	2	0	*	63	50	-	*	0.08	
	Karlstad ...	29.78	60	SW	4	0	29.83	+0.10	58	55	+1	SSW	2	0	*	63	50	-	*	-	
	Færder (X'ania Fjord)	29.76	58	SSW	6	m	29.81	+0.04	62	59	+3	SW	2	bc	2	63	57	-	*	-	
	Bodö ...	29.76	52	W	2	0	29.75	-0.02	57	52	+6	E	2	0	1	57	48	-	*	-	
	Christiansund ...	29.76	55	NE	1	bc	29.83	+0.05	52	49	-1	WNW	4	c	3	57	52	-	*	-	
Skudesnaes ...	29.78	53	WNW	4	0	29.92	+0.08	54	52	-1	WNW	2	c	4	55	48	0	*	-		
BRITISH ISLANDS.	Sumburgh Head	29.72	52	W	3	0	29.70	+0.12	53	51	+1	S	3	0	3	60	50	8.0	*	-	
	Stornoway ...	29.76	53	SW	2	0	29.63	-0.11	55	55	+2	SW	4	0	4	56	52	0	0.6	-	
	Malin Head ...	29.87	54	SW	4	og	29.82	-0.03	56	56	+3	SSW	4	r	3	57	49	0.09	*	0.11	
	Blacksod Pt. ...	29.92	57	WSW	5	rm	29.89	-0.03	57	57	+2	SW	7	rm	5	57	54	c,rm	*	0.37	
	Valencia ...	30.05	58	SSW	2	0	30.05	+0.05	57	57	+1	SSW	3	omd	4	59	55	c,0	1.5	0.02	
	Roche's Point ...	30.04	62	WSW	3	bc	30.06	+0.07	56	55	-2	W	1	og	1	65	53	0,8c	*	-	
	Parsonstown ...	30.01	58	W	1	0	30.00	+0.05	59	57	+2	W	1	0	*	62	54	0,7	0.7	0.01	
	Donaghadee ...	29.93	58	SE	2	c	29.93	+0.07	60	59	+4	W	2	c	3	61	54	c,mg	*	-	
	Liverpool Obsy...	29.98	59	WNW	2	c	30.03	+0.11	64	61	+8	WNW	1	0	1	64	56	c,p	*	0.01	
	Holyhead ...	29.98	59	SW	2	c	30.02	+0.12	60	58	+5	S	3	c	2	62	54	c	*	-	
	Pembroke (St Ann's)	30.03	57	WSW	4	bc	30.08	+0.10	55	55	-1	SSW	3	om	3	60	55	og,8c,f	7.3	-	
	Scilly (St. Mary's) ...	30.10	61	WNW	4	0	30.12	+0.09	59	56	-1	W	2	cf	2	64	56	0,of	0.1	0.02	
	Jersey (St. Aubins) ...	30.13	63	W	5	bc	30.17	+0.05	59	57	-2	W	3	0	3	67	53	bc,fo,md	11.3	0.02	
	Portland Bill ...	30.08	60	W	4	c	30.14	+0.07	59	58	+1	W	1	bc	2	67	55	c	*	-	
	Dungeness ...	30.01	60	W	4	0	30.09	+0.07	63	59	+5	NW	2	bc	1	64	53	8c,0	2.8	-	
	Wick ...	29.79	57	NW	3	c	29.69	-0.01	61	58	+7	SW	1	0	1	61	52	-	*	0.01	
	Nairn ...	29.79	56	W	3	c	29.72	-0.01	65	59	+10	WSW	2	bc	2	65	50	-	*	-	
Aberdeen ...	29.85	56	SSE	3	bc	29.78	+0.05	64	58	+4	SSW	3	0	2	64	51	0,8c	2.1	-		
Leith ...	29.87	60	WSW	2	c	29.87	+0.08	63	60	+4	SW	2	c	*	67	54	-	*	-		
North Shields ...	29.90	63	W	3	c	29.95	+0.16	62	59	+4	SW	1	c,rm	2	69	55	c	*	-		
Spurn Head ...	29.91	62	W	4	c	30.02	+0.13	64	60	+5	W	3	0	1	64	55	-	*	-		
Yarmouth ...	29.95	65	W	4	0	30.04	+0.09	64	59	+4	WNW	3	8m	2	66	55	c,0	*	-		
Clacton-on-Sea ...	30.00	64	WSW	3	0	30.08	+0.06	67	61	+9	WSW	1	0	2	67	56	0,8c,8	0.3	-		
Nottingham ...	29.98	62	WNW	2	c	30.03	+0.12	64	59	+3	SW	1	0	*	65	52	c	0.7	-		
Bath ...	30.05	62	NW	2	c	30.12	+0.11	60	57	0	SW	2	0	*	65	56	-	0.0	0.02		
Oxford ...	30.03	61	WSW	2	0	30.11	+0.11	59	57	0	WSW	1	0	*	66	54	0	*	-		
London (Brixton) ...	30.01	65	SW	2	0	30.10	+0.08	61	58	+2	W	2	bc	*	65	52	0,8c	0.0	-		
GERMANY, &c.	The Scaw (Skagen)	29.84	55	WSW	2	0	29.86	+0.05	58	55	0	W	4	c	1	61	55	-	*	-	
	Fanö ...	29.91	57	SW	4	r	30.00	+0.03	58	53	0	WNW	4	0	*	64	54	-	*	-	
	Cuxhaven ...	29.99	59	SW	2	r	29.99	-0.03	59	57	+2	W	2	op	*	59	57	-	*	0.43	
	The Helder ...	29.95	60	SW	3	0	30.03	+0.07	62	59	+3	W	1	0	1	63	57	-	*	-	
	Brussels ...	*	*	*	*	*	30.12	+0.02	60	58	+1	SW	1	0	*	71	57	-	*	-	
	Berlin ...	30.05	65	Z	0	c	30.04	-0.02	62	58	+2	WNW	2	0	*	72	59	-	*	-	
	Frankfurt ...	30.09	65	Z	0	0	30.10	-0.01	62	59	+2	SW	3	0	*	75	59	-	*	-	
Munich ...	30.15	64	W	5	0	30.19	+0.02	60	55	-2	SW	4	c	*	73	55	-	*	-		
FRANCE.	C. Gris Nez ...	30.04	58	SW	4	c	30.08	+0.04	60	58	+3	SW	3	c	3	63	?	-	*	-	
	Brest ...	30.17	60	WNW	2	0	30.15	+0.02	59	59	-1	Z	0	0	0	70	57	-	*	-	
	Lorient ...	30.14	67	WNW	4	0	30.18	+0.05	59	57	-3	N	2	c	2	73	59	-	*	-	
	Rochefort ...	30.16	71	NW	4	0	30.17	+0.02	65	62	-2	NE	3	0	*	77	59	8c,8	*	-	
	Biarritz ...	30.20	72	WNW	2	0	30.19	0.00	67	64	0	SSW	1	0	0	73	61	-	*	-	
	Paris ...	30.10	71	NE	1	bc	30.17	+0.02	63	59	+2	N	2	0	*	80	53	-	*	-	
	Belfort...	30.03	69	W	4	c	30.15	+0.08	62	55	+1	Z	0	m	*	77	53	-	*	-	
	Lyons ...	30.06	76	NNE	1	0	30.14	+0.03	67	58	+2	N	1	0	*	84	59	-	*	-	
Nice ...	29.91	71	WSW	1	c	29.98	0.00	71	68	+2	SW	1	0	*	82	64	-	*	-		
Perpignan ...	30.02	79	W	2	c	30.08	+0.02	75	64	+3	W	3	0	*	85	65	-	*	-		
SPAN. PEN.	Corunna ...	29.97	65	WNW	5	0	29.98	+0.08	68	63	+1	SSE	3	m	*	79	61	-	*	-	
	Lisbon ...	29.97	65	WNW	5	0	29.98	+0.08	68	63	+1	SSE	3	m	*	79	61	-	*	-	
	Azores (P. Delgada)...	30.26	66	Z	0	0	30.23	-0.06	65	63	+4	NNE	4	f	2	70	61	-	*	-	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR WEDNESDAY, 6<sup>TH</sup> JULY, 1904.

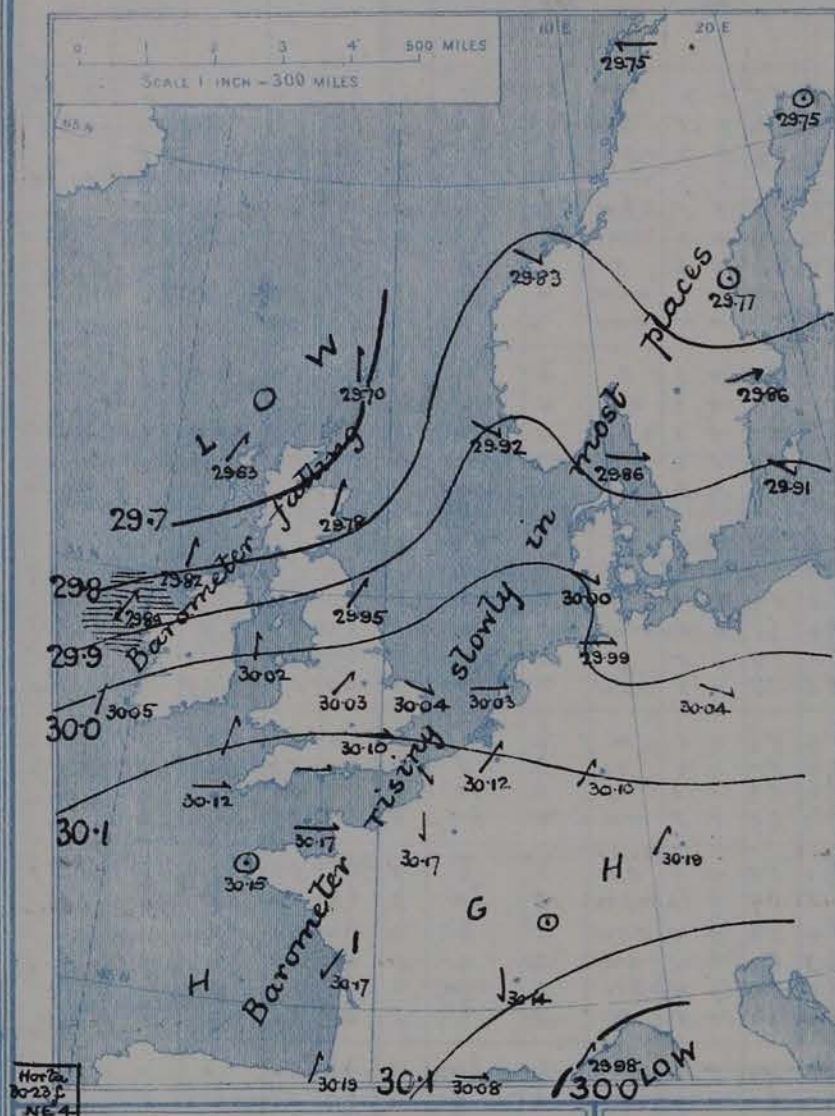
## I. BAROMETER, WIND AND SEA. *This Morning.*

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.*



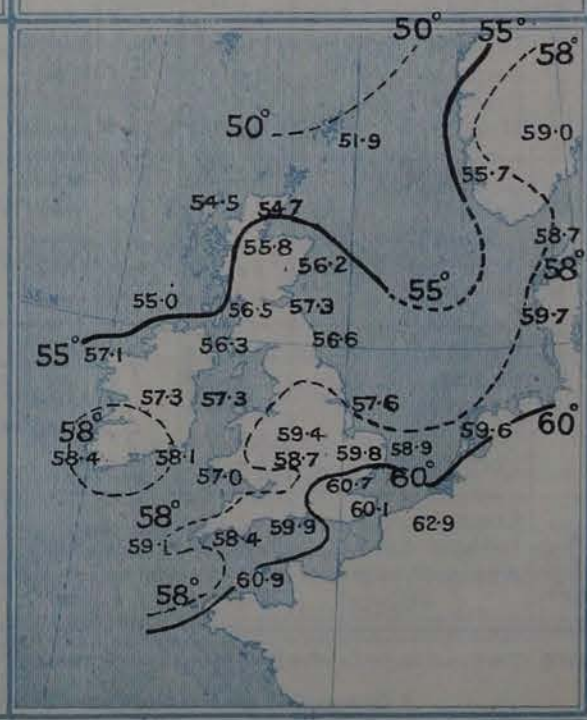
## IV. LAST WEEK'S RAINFALL.

Amount recorded  
in various districts of the United Kingdom  
during the week ended Sat. 2<sup>ND</sup> JULY.  
with the percentage of the average amount  
for the corresponding week.



## 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

Very little change has occurred in the general distribution of pressure since yesterday, the barometer being still highest, 30.1 ins. and upwards, in an anticyclone over France, our central counties, and South Germany, and lowest, 29.7 ins. and less, in another depression whose centre has arrived to the northward of Scotland. The mercury is rising over our area as a whole, but a brisk fall is in progress on our extreme north and northwest coasts, and in those regions the baric gradient is increasing.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind has backed to the SW<sup>d</sup> in Scotland and the west of Ireland, and increased to a moderate gale at Blackwood Point. Over England the direction is mainly W<sup>ly</sup> and the force light. Over the northwestern countries of the Continent the wind is more variable, but over Denmark and its neighbourhood it is chiefly W<sup>ly</sup>. Temperature has risen in nearly all places, and is now high over the east of Scotland and the major portion of England. At Blackton it is as high as 67°, at Nairn, 65°, and at Nottingham and Liverpool 64°, whence it decreases to 55° at Pembroke and Stornoway and to 53° at Lumburgh Head. The Continental readings range from 75° at Perpignan, 63° at Paris and 61° at Hernösand, to 52° at Christiansund. Much cloud prevails along our western and northwestern coasts, with rain in several places, but over our Islands generally, and also at most Continental stations the sky is fairly clear. Rain is, however, falling in the extreme north of Sweden. The sea is rather rough off the northwest of Ireland, slight or smooth on our coasts generally.

The maximum temperatures recorded yesterday were rather low as a whole, ranging from less than 60° on the western and northern coasts of Ireland and in the Hebrides to 65° over central England, and to 69° at some of our east coast stations. Rain fell in a few parts of Ireland, England, and Sweden, and as much as 0.43 in. at the mouth of the Elbe. Very little sunshine was recorded over our Islands generally, but Jersey had more than 11 hours, and Pembroke more than 7 hours.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off our northwest coasts appears to be moving northeastwards. It will cause rain and an increase in the strength of the SW<sup>ly</sup> wind in most parts of Ireland and Scotland, but the weather over England will probably remain under the influence of the southern high pressure and be fine generally.

## FORECASTS\*

For the 24 hours ending at NOON on 7<sup>th</sup> JULY, 1904

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	SW <sup>ly</sup> to W <sup>ly</sup> winds, fresh to light; some rain today, fairer tomorrow.
1	{ SCOTLAND EAST	SW <sup>ly</sup> to W <sup>ly</sup> winds, moderate or fresh to light; changeable, some showers. Becoming cooler.
2	{ ENGLAND N.E.	Light or moderate winds, mainly from S.W.; fair and warm generally.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as No. 0.
7	{ ENGLAND N.W.	S <sup>ly</sup> to W <sup>ly</sup> breezes; some showers, otherwise fair.
8	{ ENGLAND S.W.	Same as Nos. 2 to 5.
9	{ IRELAND NORTH	Same as No. 0.
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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	62	55	g, c	0.1	-	Hastings ... ..	*	*	*	2.8	*
Southport, to 9 p.m....	61	55	op, o	0.1	0.03	Broadstairs, ... ..	*	*	*		*
Rhyl, to 6 p.m. ....	*	*	*	1.2	*	Margate, to 7 p.m. ...	68	53	o	0.4	-
Llandudno ... ..	*	*	*	3.2	*	Lowestoft, to 6 p.m....	66	55	c, o	0.0	-
Bettws-y-Coed, to 6 p.m....	63	54	c, b, c, c	1.2	*	Skegness ... ..	65	*	*	0.1	*
Aberystwyth, to 6 p.m. ...	58	54	r, o, c	0.0	0.10	Scarborough, ... ..	69	*	*	2.6	*
Plymouth, to 9 p.m....	64	57	ouf	0.0	0.05	Harrogate, to 6 p.m. ...	63	53	o, c	0.6	-
Bournemouth, to 6 p.m. ...	65	51	*	0.4	*	Manchester, to 9 p.m. ...	64	49	b, r, op, b, c	0.0	0.05
Worthing ... ..	*	*	*	1.2	*	Darwen, to 9 p.m. ...	58	52	on, op, c, om	0.3	0.50
Brighton, ... ..	63	*	*	1.8	*	Birmingham, to 9 p.m. ...	62	54	o, c	0.2	0.01
Eastbourne, to 6 p.m. ...	*	*	*	3.6	*						

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

STATIONS. 5 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 5 <sup>th</sup> July.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	63	52	b, c, o	0.12	Rome ... ..	89	66	b, r	-
St. Petersburg ... ..	66	37	b, c, o	-	Naples ... ..	84	71	b, c, c	-
Moscow ... ..	*	*	c, b	-	Malta ... ..	85	70	?, b	-
Cracow ... ..	77	59	o, b, c	-	4 <sup>th</sup> July.				
Flushing ... ..	64	55	c, o	-	Geneva ... ..	63	*	o	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	o, o	-	Berne ... ..	75	*	c	0.04
Vienna ... ..	77	61	o, b, c	0.35	Lucerne ... ..	75	*	b, c	-
Buda Pesth ... ..	86	61	o, o	-	Castasegna ... ..	73	*	o	-
Hermanstadt ... ..	63	54	b, b, c	-	Lugano ... ..	82	*	c	-
Florence ... ..	88	66	b, o	-					

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

6 <sup>th</sup> July, 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.39	11.58	8.16
Greenwich ... ..	3.52	12.5	8.16
Wick ... ..	3.18	12.17	9.15
Valencia ... ..	4.30	12.46	9.0

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

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on *Thursday, 7<sup>th</sup> July, 1904.*

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.)	Temp.		Weather	Sun- shine Hours.	Rainfall. Ins.		
At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°													
SCANDINAVIA	Haparanda...	29.77	57	W	2	c	29.77	+0.02	61	57	+5	SW	2	δ	*	68	54	-	*	0.16	
	Hernösand...	29.84	55	X	0	δ	29.78	+0.01	59	54	-2	SW	4	δc	*	68	48	-	*	-	
	Stockholm...	29.91	60	WNW	2	δ	29.91	+0.05	59	55	0	SW	2	0	*	70	54	-	*	-	
	Wisby...	29.95	56	S	2	δc	30.01	+0.10	59	55	+1	SW	4	c	*	66	50	-	*	-	
	Karlstad...	29.88	61	SW	4	δ	29.84	+0.01	56	55	-2	SW	6	0	*	64	57	r, δ	*	3.54	
	Færder (X'ania Fjord)	29.84	61	S	4	δ	29.81	.00	59	58	-3	SW	6	m	3	64	57	-	*	-	
	Bodö...	29.83	55	N	2	δ	29.57	-0.18	54	51	-3	E	2	r	1	57	50	-	*	0.12	
	Christiansund...	29.70	56	WNW	1	r	29.67	-0.16	54	49	+2	W	5	?	3	?	50	-	*	0.32	
Skudesnaes...	29.86	55	S	6	r	29.93	+0.01	55	52	+1	WSW	4	δc	4	61	50	δ, r	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.57	54	W	4	δ	29.70	.00	52	50	-1	W	5	0	5	55	47	r, δ	*	0.29	
	Stornoway...	29.69	56	SSW	4	c	29.86	+0.23	51	49	-4	WSW	4	cp	4	57	47	0, c	5.2	0.28	
	Malin Head	29.91	55	W	6	δc	30.07	+0.25	51	50	-5	W	5	ogp	4	57	49	c, δc	*	0.15	
	Blacksod Pt.	30.02	56	WNW	4	δ	30.17	+0.28	55	50	-2	W	4	c	3	59	51	δc, δ	*	0.06	
	Valencia...	30.11	59	WNW	3	δc	30.24	+0.19	56	51	-1	WNW	1	c	4	59	45	om, δc	3.3	0.04	
	Roche's Point...	30.07	58	NNW	2	ogt	30.25	+0.19	53	51	-3	X	0	δ	0	61	47	og, ogt	*	-	
	Parsonstown...	30.05	60	W	1	δc	30.24	+0.24	56	50	-3	W	1	c	*	61	42	δc, r	1.4	0.03	
	Donaghadee...	29.97	59	W	3	c	30.16	+0.23	54	50	-6	SW	3	δ	2	61	44	cgp, δc	*	0.13	
	Liverpool Obsy...	30.03	61	WSW	3	0	30.22	+0.19	56	51	-8	NW	2	c	2	71	53	0, r	*	-	
	Holyhead...	30.03	55	SW	4	dm	30.19	+0.17	59	55	-1	NW	1	c	1	60	50	f, dm	*	0.01	
	Pembroke (St Ann's)	30.08	56	SW	4	0	30.19	+0.11	56	53	+1	NNE	5	δc	3	59	53	om, f	0.0	0.01	
	Scilly (St. Mary's)	30.14	62	WNW	1	c	30.17	+0.05	60	59	+1	WNW	1	f	1	65	56	c	1.4	0.01	
	Jersey (St. Aubins)	30.14	64	WNW	3	δ	30.21	+0.04	59	56	0	NW	3	0	3	67	56	om, c, δc	7.4	-	
	Portland Bill	30.13	59	WSW	2	c	30.20	+0.06	63	59	+4	WNW	1	c	1	64	56	δc, c	*	-	
	Dungeness...	30.08	62	WNW	4	δc	30.15	+0.06	60	58	-3	WNW	3	og	2	66	57	δc	15.2	-	
	Wick...	29.70	56	SW	3	c	29.84	+0.15	56	55	-5	SW	3	c	1	64	49	cp	*	0.11	
	Nairn...	29.74	60	W	3	δc	29.91	+0.19	55	49	-10	WSW	4	c	2	68	48	-	*	0.05	
Aberdeen...	29.76	65	WSW	3	δc	29.98	+0.20	55	50	-9	SW	3	c	2	69	48	og, δc, δ	4.6	0.14		
Leith...	29.86	62	WSW	3	δ	30.05	+0.18	59	52	-4	WSW	3	c	*	71	49	δ, p	*	0.13		
North Shields	29.91	65	SW	2	c	30.15	+0.20	57	50	-5	SW	2	δc	2	73	51	cp	*	-		
Spurn Head	29.96	72	WSW	3	c	30.16	+0.14	60	57	-4	WNW	2	δ	1	78	57	-	*	-		
GERMANY, &c.	Yarmouth...	30.01	69	S	4	δ	30.13	+0.09	62	59	-2	N	3	c9	3	70	60	δ	*	-	
	Clacton-on-Sea	30.06	65	S	3	δ	30.16	+0.08	63	60	-4	WNW	1	m	1	70	55	δc, om	14.5	-	
	Nottingham...	29.99	74	WSW	2	c	30.18	+0.15	60	55	-4	NNE	1	0	*	80	59	c	10.3	-	
	Bath...	30.08	65	W	2	δ	30.19	+0.07	61	58	+1	NW	1	0	*	68	58	-	*	0.3	
	Oxford...	30.08	64	WSW	2	δ	30.19	+0.08	61	59	+2	X	0	0	*	75	56	δ, 0	*	-	
	London (Brixton)	30.06	72	WSW	3	δ	30.16	+0.06	62	59	+1	X	0	0	*	77	55	δ	14.0	-	
	The Scaw (Skagen)	29.97	56	W	4	c	29.93	+0.07	59	58	+1	WSW	4	r	1	63	54	-	*	0.08	
	Fanö...	30.07	58	SSW	2	0	30.06	+0.06	59	58	+1	SW	4	r	*	64	57	-	*	0.04	
FRANCE.	Cuxhaven...	30.08	63	NW	1	δ	30.13	+0.14	63	60	+4	SW	3	δ	*	64	55	-	*	-	
	The Helder...	30.06	63	SW	1	δ	30.11	+0.08	64	61	+2	WSW	2	c	1	68	57	-	*	-	
	Brussels...	*	*	*	*	*	30.19	+0.07	64	60	+4	WNW	1	δ	*	77	53	-	*	-	
	Berlin...	30.11	66	X	0	δ	30.18	+0.14	66	62	+4	SW	1	δ	*	73	55	-	*	0.04	
	Frankfurt...	30.15	65	E	1	δ	30.19	+0.09	67	64	+5	NE	3	δ	*	75	59	-	*	-	
	Munich...	30.22	65	X	0	c	30.29	+0.10	66	60	+6	SE	3	δ	*	72	52	-	*	-	
	C. Gris Nez...	30.11	61	WSW	3	δ	30.13	+0.05	59	57	-1	SW	3	δc	2	68	55	-	*	-	
	Brest...	30.13	65	NW	1	δ	?		57	56	-2	N	3	0	2	70	55	-	*	-	
SPAN. PEN.	Lorient...	30.10	70	NW	2	δ	30.16	-0.02	57	57	-2	NE	3	m	2	73	55	-	*	-	
	Rochefort...	30.11	74	SW	3	δ	30.15	-0.02	70	65	+5	E	2	δ	*	84	64	δ	*	-	
	Biarritz...	30.08	75	NNE	2	δ	30.10	-0.09	71	69	+4	X	0	δ	0	84	64	-	*	-	
	Paris...	30.13	71	NE	3	δ	30.19	+0.02	65	61	+2	NE	1	δ	*	76	54	-	*	-	
	Belfort...	30.05	74	E	2	c	30.15	.00	65	59	+3	ENE	4	m	*	81	57	-	*	-	
	Lyons...	30.07	77	N	1	δ	30.17	+0.03	67	60	0	NW	1	δ	*	81	60	-	*	-	
	Nice...	29.95	77	SW	2	δc	30.11	+0.13	76	65	+5	X	0	δ	1	84	66	-	*	-	
	Perpignan...	29.98	86	NW	1	δ	30.10	+0.02	75	66	0	W	1	δ	*	90	61	-	*	-	
SPAN. PEN.	Corunna...																				
	Lisbon...	29.95	68	NNW	2	δc	30.02	+0.04	68	62	0	SSW	3	δ	*	81	63	-	*	-	
	Azores (P. Delgada)...																				
„ (Horta)...	30.25	64	NE	3	c	30.26	+0.03	63	62	-2	NNE	4	f	2	70	63	-	*	-		

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

\* Observations for this column not generally received.

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

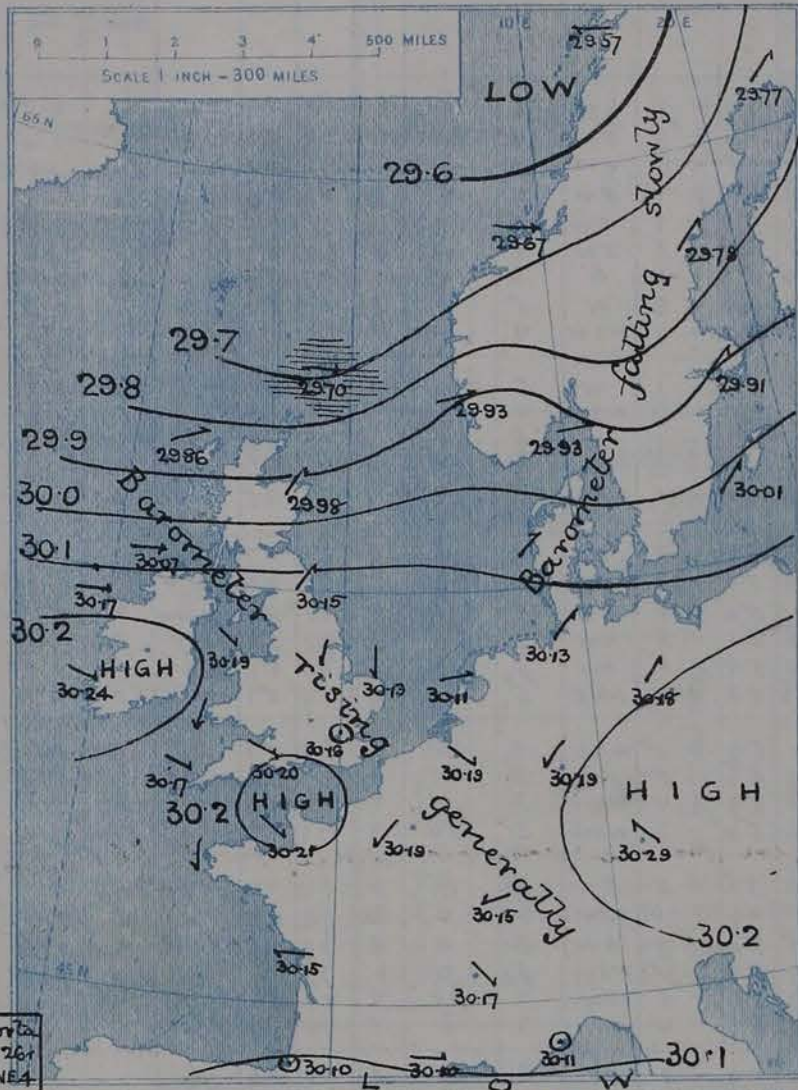


# REPORT WEATHER CHARTS

FOR THURSDAY, 7<sup>th</sup> JULY, 1904.

## 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. LAST WEEK'S SUNSHINE.

*Amount recorded in various districts of the United Kingdom during the week ended SAT. 2<sup>nd</sup> JULY, with the percentage of the average duration for the corresponding week.*



## 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 depression which lay off the north of Scotland yesterday morning has moved northeastwards, and the barometer has risen except in Norway. The readings now range from 30.2 ins. and upwards (1) in an anticyclone extending from the Atlantic over the south of Ireland, (2) in a small system over Normandy and the adjacent part of the Channel, and (3) in another area over Austria and Bavaria, to less than 29.6 ins. in a depression lying over the northwest of Norway. Gradients are moderate in the north, very slight in the south.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

A light or moderate to fresh W<sup>y</sup> wind current prevails over Ireland, Scotland and the upper part of the North Sea, SW<sup>y</sup> winds in Sweden, and a light E<sup>y</sup> breeze at Bodø. Over England, France, and Germany the wind is very light and variable, but mainly between N. and W. at our own stations, and E<sup>y</sup> at those on the Continent. Temperature has fallen in most regions—decidedly in Scotland—but has risen somewhat in Denmark, the Netherlands, Germany and France. It now ranges from 63° at Glaston and 62° in London and at Farnmouth to 53° at Roches Point, and 51° at Malin Head and Stromoway. The Continental values vary from above 70° in the south of France and 66° at Berlin to 61° at Haparanda and to 54° on the west and northwest coast of Norway. The weather is fine and bright over Germany, Belgium and France, but at most of our own stations the sky has become cloudy or overcast and showers are falling on our extreme northwestern coasts. In most parts of Scandinavia and Denmark the weather is cloudy or dull, with rain at Bodø and in the latter country. The sea is rather rough off Lumburgh Head, slight or smooth generally.

The highest temperatures reported over our Islands yesterday were 78° at Spurn Head and Scarborough and 80° at Nottingham. At Pembroke and on the Irish coasts the maxima were about 20° lower. Showers fell in our northern and western districts and thunder was heard at Roches Point. Rain was also experienced in the northern regions of the Continent; at Karlstad as much as 3.54 ins. is reported to have fallen. Bright sunshine was almost continuous over our southeastern counties, but in the north and west there was very little.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the southwest will probably extend slowly eastwards over England so that fair, dry, and generally warm weather is to be expected. Our most northwestern and northern districts are likely to be affected by depressions moving eastwards over the northern part of the Atlantic.

## FORECASTS\*

For the 24 hours ending at NOON on 8<sup>th</sup> JULY, 1904

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

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

W<sup>y</sup> to SW<sup>y</sup> winds, light or moderate; changeable, some showers—most in west.

Light variable airs, chiefly NW<sup>y</sup>; fair and warm generally.

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

W<sup>y</sup> to SW<sup>y</sup> winds, moderate or fresh; changeable, some showers.

Same as Nos. 2 to 5.

Light N<sup>y</sup> to W<sup>y</sup> winds; fair and warm generally, fog or haze on coast.

Wind mainly W<sup>y</sup>, fresh in north; fair generally, but some showers in northwest.

### 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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	68	57	c p	0.2	0.20	Hastings ... ..	*	*	*	12.4	*
Southport, to 9 p.m....	70	57	o p, o	1.3	0.02	Broadstairs, ... ..	*	*	*	11.5	*
Rhyl, to 6 p.m. ... ..	*	*	*	1.3	*	Margate, to 6 p.m. ...	74	*	*	12.6	*
Llandudno ... ..	*	*	*	3.2	*	Lowestoft, to 6 p.m....	70	53	δ c, δ	14.7	-
Bettws-y-Coed, to 6 p.m....	65	58	c, o	1.6	*	Skegness ... ..	77	*	*	13.0	*
Aberystwyth, to 6 p.m. ...	65	59	o, c	5.0	-	Scarborough, ... ..	78	*	*	7.5	*
Plymouth, to 9 p.m....	62	55	o u, o u, δ c, o	2.8	-	Harrogate, to 6 p.m. ...	76	53	c	5.5	-
Bournemouth, to 6 p.m. ...	67	*	*	7.4	*	Manchester, to 9 p.m. ...	76	55	δ c, c, w	2.0	-
Worthing ... ..	*	*	*	11.7	*	Darwen, to 9 p.m. ...	70	53	o r, o c, p, o m, δ	1.1	0.08
Brighton, ... ..	68	*	*	10.0	*	Birmingham, to 9 p.m. ...	77	53	δ, c, δ	8.2	-
Eastbourne, to 6 p.m. ...	*	*	*	10.8	*						

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

STATIONS. 6 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 6 <sup>th</sup> July.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	64	57	o, o	-	Rome ... ..	59	68	c, c	-
St. Petersburg ... ..	68	55	o, t	0.20	Naples ... ..	84	71	δ, δ	-
Moscow ... ..	*	*	c, δ c	0.43	Malta ... ..	85	71	?, δ	-
Cracow ... ..	75	52	δ, δ	-	5 <sup>th</sup> July.				
Flushing ... ..	64	59	c, c	-	Geneva ... ..	72	*	c	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	o, t	-	Berne ... ..	70	*	o	-
Vienna ... ..	72	61	o, o	-	Lucerne ... ..	61	*	δ δ	0.12
Buda Pesth ... ..	82	63	δ c, δ c	-	Castasegna ... ..	75	*	c	-
Hermanstadt ... Not recd.					Lugano ... ..	77	*	o	-
Florence ... ..	92	69	δ, o	-					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

7 <sup>th</sup> July, 1904.	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	12.17	9.14
Valencia ... ..	4.31	12.46	9.0

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, 83, Victoria Street, S.W., either personally or by post.

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

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



# DAILY WEATHER REPORT

for 8 a.m. on *Friday, 8<sup>th</sup> July, 1904.*

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Temp.		Weather	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...	29.66	55	SW	2	0	29.58	-19	54	54	-7	W	2	7	*	64	52	-	*	0.12	
	Hernösand ...	29.74	55	NW	2	0	29.78	00	53	50	-6	Z	0	7	*	68	46	-	*	-	
	Stockholm ...	29.82	62	SW	2	0	29.86	-05	58	53	-1	W	4	0	*	68	54	-	*	-	
	Wisby...	29.94	59	SW	4	0c	29.96	-05	58	54	-1	WSW	4	0	*	64	50	-	*	0.12	
	Karlstad ...	29.84	63	SW	6	0	29.91	+07	58	50	+2	SW	6	0	*	64	55	-	*	-	
	Færder (X'ania Fjord)	29.90	61	WNW	5	0	29.92	+11	57	54	-2	WSW	6	0	3	64	55	-	*	-	
	Bodö ...	29.66	54	SW	2	0c	29.60	+03	52	50	-2	E	2	0	1	54	48	-	*	0.43	
	Christiansund ...	29.76	51	W	5	7	29.71	+04	51	47	-3	WSW	3	7	3	54	48	-	*	0.16	
BRITISH ISLANDS.	Skudesnaes ...	30.04	55	WSW	4	0	29.97	+04	54	53	-1	WSW	4	0	4	55	?	0.0	*	-	
	Sumburgh Head	29.81	50	W	6	0	29.66	-04	51	51	-1	W	6	7	6	55	47	0.0	*	0.58	
	Stornoway ...	29.93	50	SW	4	7	29.83	-03	54	53	+3	W	5	0	5	55	48	0.7	1.8	0.21	
	Malin Head ...	30.11	54	W	5	0	30.05	-02	54	52	+3	W	6	0	4	57	49	0.0	*	-	
	Blacksod Pt. ...	30.16	56	WSW	5	0	30.17	00	57	54	+2	WSW	5	0	4	58	54	0.0	*	-	
	Valencia ...	30.26	56	W	3	0	30.29	+05	56	52	0	WSW	3	0	4	59	53	0.0	11.7	-	
	Roches Point ...	30.22	60	SSW	3	0	30.28	+03	55	52	+2	Z	0	0	0	61	48	0.0	*	-	
	Parsonstown ...	30.21	61	W	1	0	30.26	+02	57	52	+1	W	1	0	*	64	46	0.0	10.7	-	
GERMANY, &c.	Donaghadee ...	30.17	61	WSW	1	0	30.17	+01	55	51	+1	WSW	3	0	2	62	49	0.0	*	-	
	Liverpool Obsy...	30.22	58	NW	2	0	30.24	+02	56	51	0	WNW	3	0	2	61	51	0.0	*	-	
	Holyhead ...	30.21	58	SW	1	0	30.24	+05	60	55	+1	WSW	2	0	1	61	51	0.0	*	-	
	Pembroke (St Ann's)	30.21	58	NNW	3	0c	30.25	+06	57	54	+1	NNW	1	0	2	62	52	0.0	12.6	-	
	Scilly (St. Mary's)	30.23	61	NNE	3	0	30.26	+09	59	56	-1	N	3	0	3	63	55	0.0	1.8	-	
	Jersey (St. Aubins)	30.19	64	NW	3	0	30.24	+03	66	61	+7	NNW	3	0	3	68	50	0.0	5.5	-	
	Portland Bill ...	30.20	62	WNW	1	0c	30.26	+06	65	59	+2	WNW	1	0	1	65	55	0.0	*	-	
	Dungeness ...	30.16	65	W	1	0	30.23	+08	57	56	-3	NW	2	0	1	68	55	0.0	8.1	-	
FRANCE.	Wick ...	29.94	53	SW	5	0	29.81	-03	55	53	-1	SW	4	0	3	58	49	-	*	0.03	
	Nairn ...	29.98	56	W	2	0	29.89	-02	56	52	+1	WSW	4	0	2	63	49	-	*	-	
	Aberdeen ...	30.01	59	WSW	4	0	29.95	-03	56	51	+1	SSW	4	0	2	65	49	0.0	5.9	-	
	Leith ...	30.09	60	WSW	2	0c	30.07	+02	58	53	-1	SW	3	0	*	63	51	-	*	-	
	North Shields ...	30.15	64	WSW	3	0c	30.14	-01	58	53	+1	SW	3	0	2	69	52	0.0	*	-	
	Spurn Head ...	30.16	60	SE	4	0	30.20	+04	60	57	0	W	3	0	2	65	52	-	*	-	
	Yarmouth ...	30.17	62	ESE	3	0c	30.18	+05	61	58	-1	WNW	2	0	2	64	55	0.0	*	-	
	Clacton-on-Sea ...	30.21	60	E	2	0	30.22	+06	68	63	+5	W	1	0	0	68	57	0.0	0.0	-	
SPAN. PEN.	Nottingham ...	30.15	72	W	1	0	30.22	+04	61	54	+1	WSW	1	0	*	74	45	-	10.1	-	
	Bath ...	30.18	68	NW	?	0	30.26	+07	59	54	-2	NW	?	0	*	68	49	-	0.0	-	
	Oxford ...	30.20	66	ENE	1	0	30.25	+06	61	56	0	Z	0	0	*	68	49	0.0	*	-	
	London (Brixton) ...	30.18	65	NE	1	0	30.22	+06	63	57	+1	WNW	1	0	*	66	55	0.0	0.0	-	
	The Scaw (Skagen)	30.03	56	W	5	0	30.02	+09	57	53	-2	W	4	0	1	63	54	-	*	-	
	Fanö ...	30.20	53	WNW	2	0	30.17	+11	58	54	-1	SW	2	0	*	61	52	-	*	-	
	Cuxhaven ...	30.19	63	NNW	3	0c	30.21	+08	59	55	-4	W	1	0	*	68	55	-	*	-	
	The Helder ...	30.18	61	NNE	1	0c	30.18	+07	64	60	0	W	1	0	0	64	54	-	*	-	
GERMANY, &c.	Brussels ...	*	*	*	*	*	30.23	+04	58	58	-6	NW	1	0	*	79	53	-	*	-	
	Berlin ...	30.14	78	Z	0	0	30.13	-05	71	65	+5	SW	1	0	*	86	64	-	*	-	
	Frankfurt ...	30.16	68	W	1	0	30.17	-02	70	66	+3	E	2	0	*	82	57	-	*	-	
	Munich ...	30.27	66	SE	2	0	30.29	00	65	61	-1	SE	1	0	*	75	52	-	*	-	
	C. Gris Nez ...	30.18	65	NE	1	0	30.21	+08	58	58	-1	NNE	1	0	1	70	55	-	*	0.04	
	Brest ...	30.21	68	NE	3	0	30.21	?	58	56	+1	NE	2	0	1	73	54	-	*	-	
	Lorient ...	30.14	76	W	1	0	30.21	?	59	57	+2	NE	4	0	2	84	55	-	*	-	
	Rochefort ...	30.12	79	NNW	3	0	30.19	+04	72	67	+2	ENE	2	0	*	88	66	-	*	-	
FRANCE.	Biarritz ...	30.07	91	ENE	4	0	30.15	+05	75	72	+4	SW	1	0	1	95	68	-	*	-	
	Paris ...	30.15	78	ENE	2	0	30.22	+03	68	63	+3	NNE	1	0	*	84	57	-	*	-	
	Belfort...	30.08	82	E	2	0	30.16	+01	71	62	+6	ENE	3	0	*	84	60	-	*	-	
	Lyons ...	30.12	83	NNE	1	0	30.21	+04	70	63	+3	E	1	0	*	88	61	-	*	-	
	Nice ...	30.10	78	WSW	1	0	30.17	+06	80	69	+4	Z	0	0	*	86	68	-	*	-	
	Perpignan ...	30.10	78	Z	0	0	30.19	+09	71	68	-4	Z	0	0	*	87	59	-	*	-	
	Corunna ...													*				*	-		
	Lisbon ...													*				*	-		
SPAN. PEN.	Azores (P. Delgada)...													*				*	-		
	" (Horta) ...	30.29	64	NNE	3	0c	30.29	+03	65	60	+2	NNE	1	0	1	72	63	-	*	-	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR FRIDAY, 8<sup>TH</sup> JULY, 1904.

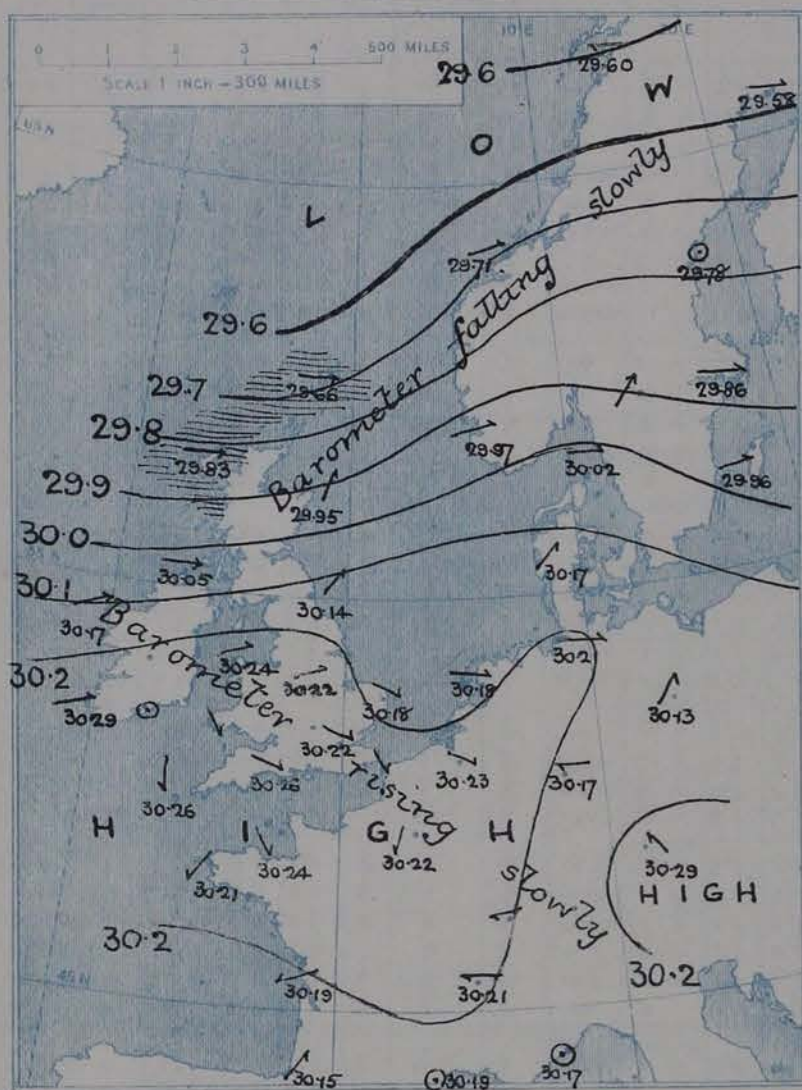
## I. BAROMETER, WIND AND SEA. This Morning.

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

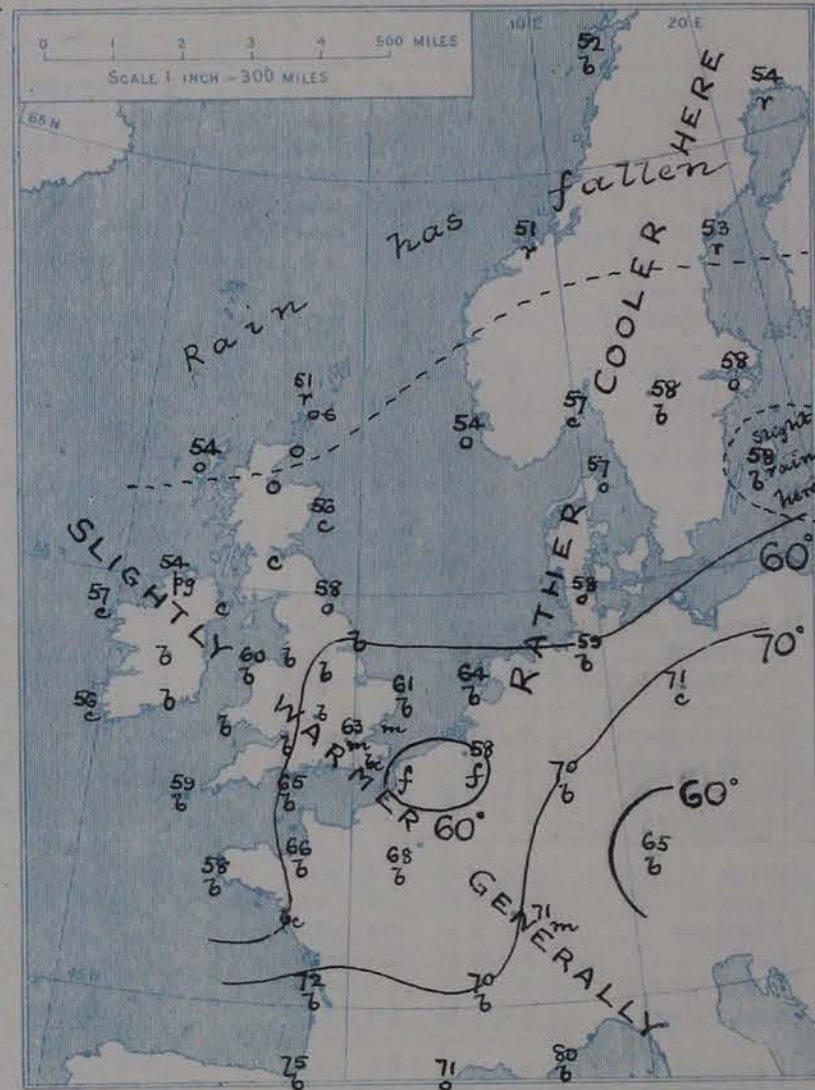


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

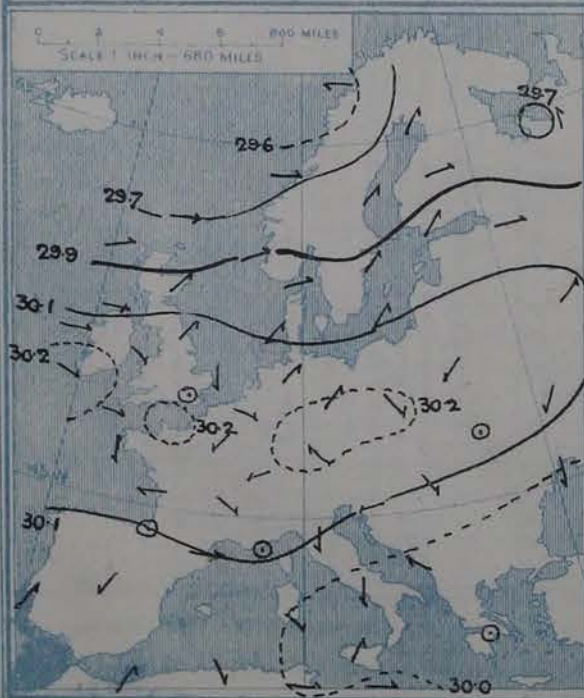
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.



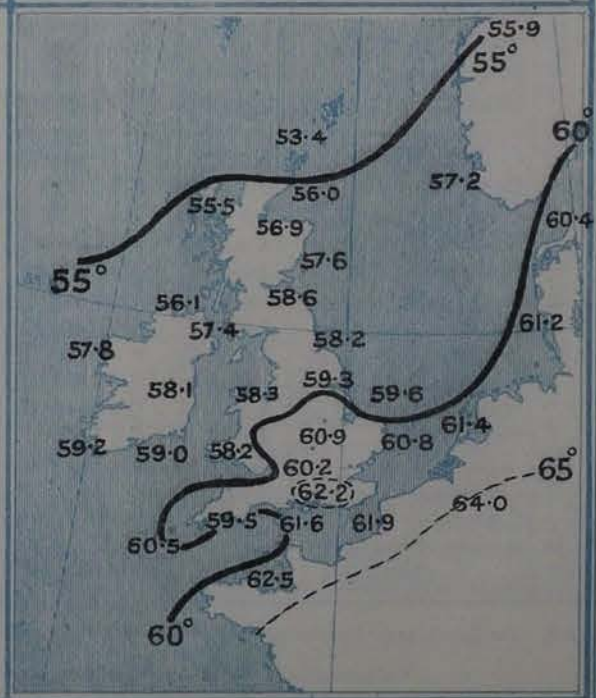
## IV. RAINFALL IN 1904.

Total Amount recorded in various districts of the United Kingdom in the 26 weeks ended Saturday 2<sup>ND</sup> JULY, with the percentage of the average amount for the corresponding period.



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Month of JULY. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The high pressure system which lay over Ireland yesterday has extended eastwards and now embraces the major portions of Ireland, England, France, the Netherlands, and the north-west of Germany. In all these regions the barometer is above 30.2 ins. and is still rising slowly, while a separate anticyclone with similar readings exists over Bavaria. The lowest values, 29.6 ins. and less, are found over the north of Scandinavia, but the mercury is nearly as low in a new depression which has arrived to the northward of the Shetlands.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is W<sup>y</sup> or SW<sup>y</sup> over the greater part of our area; it blows with little force as a whole, but is fresh or strong in the north of Ireland and in the west and north of Scotland, as well as in the south of Sweden. Over France and South Germany light E<sup>y</sup> or NE<sup>y</sup> breezes prevail. Temperature has risen a little except over the countries lying to the eastward and north-eastward of the North Sea. Over our Islands it ranges from 68° at Blackton, 66° at Jersey, and 65° at Portland Bill, to 58° at Leth, 54° at Malin Head, and to 51° in the Shetlands. The Continental values range from 80° at Nice to 58° at Brest, and to 51° on the west coast of Norway. Fog prevails at Cape Gris Nez and Brussels, but in all other regions dominated by the high pressure area the weather is fine and dry; over Denmark, Scandinavia, Scotland, and the north of Ireland the sky is generally very cloudy or overcast, with showers at Malin Head, and rain at Lumbrough Head, Christiansund, and over the north of Sweden. The sea is rough off the north of Scotland, slight or smooth elsewhere.

The highest temperatures reported over our Islands yesterday were 74° at Nottingham, 73° at Scarborough and 72° at Birmingham. At Holyhead and Liverpool the thermometers failed to rise above 61°, while on our most northwestern and northern coasts the maxima were some degrees lower. Rain was experienced in many parts of Scandinavia and on our extreme north coasts, but over our Islands generally, as well as in the southern and central parts of the Continent the weather was dry. Bright sunshine was very irregularly distributed.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over our more southern districts and the adjacent parts of the Continent shows no indications of an early dispersal, so that fine, warm weather is likely to continue over the major portion of our Islands. Our most northwestern and northern districts will, however, be affected by depressions over the northern parts of the Atlantic, and experience rather unsettled, showery weather.

## FORECASTS\*

For the 24 hours ending at NOON on 9<sup>th</sup> JULY, 1904

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	W <sup>y</sup> and SW <sup>y</sup> winds, fresh or strong in places; changeable, some rain - most in west.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Light winds, mainly W <sup>y</sup> ; fair or fine, very warm inland and on east coasts.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	W <sup>y</sup> winds, fresh or strong to moderate; changeable, showery.
7	{ ENGLAND N.W.	Light or moderate winds, chiefly W <sup>y</sup> ; fine, very warm inland.
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	Same as No. 6.
10	{ IRELAND SOUTH	W <sup>y</sup> to SW <sup>y</sup> winds, light or moderate; fair as a whole.
WARNINGS		None issued.

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	62	51	c, b	13.4	-	Hastings ... ..	*	*	*	7.2	*
Southport, to 9 p.m....	62	53	c, b	13.8	-	Broadstairs, ... ..	*	*	*	0.5	*
Rhyl, to 6 p.m. ... ..	*	*	*	12.5	*	Margate, to 6 p.m. ...	66	53	o	0.1	-
Llandudno ... ..	*	*	*	13.2	*	Lowestoft, to 6 p.m....	63	56	b, c, o	0.1	-
Bettws-y-Coed, to 6 p.m....	68	47	b	14.5	*	Skegness ... ..	64	*	*	10.0	*
Aberystwyth, to 6 p.m. ...	59	56	r, c, b	12.0	0.04	Scarborough, ... ..	73	*	*	12.0	*
Plymouth, to 9 p.m....	65	59	o, b, c, o	0.3	-	Harrogate, to 6 p.m. ...	66	48	c, b	10.7	-
Bournemouth, to 6 p.m. ...	69	58	*	1.0	*	Manchester, to 9 p.m. ...	68	55	b, b, c, b	11.5	-
Worthing ... ..	*	*	*	1.7	*	Darwen, to 9 p.m. ...	64	48	o, r, c, b, c, w	12.4	0.11
Brighton, ... ..	63	*	*	2.6	*	Birmingham, to 9 p.m. ...	72	56	o, b	5.0	-
Eastbourne, to 6 p.m. ...	?	*	*	7.6	*						

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

STATIONS. 7 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 7 <sup>th</sup> July.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	64	55	b, o	-	Rome ... ..	83	65	b, b	-
St. Petersburg ... ..	64	50	b, c, b, c	0.32	Naples ... ..	81	67	b, b	-
Moscow ... ..	*	*	b, b, c	-	Malta ... ..	90	72	?, b, c	-
Cracow ... ..	75	57	o, c	-	6 <sup>th</sup> July.				
Flushing ... ..	72	59	b, c	-	Geneva ... ..	75	*	b	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	b, c, b	0.04	Berne ... ..	73	*	b	-
Vienna ... ..	75	61	o, b	-	Lucerne ... ..	73	*	b	0.16
Buda Pesth ... ..	82	64	o, b, c	-	Castasegna ... ..	75	*	b	0.12
Hermanstadt ... Not recd.					Lugano ... ..	82	*	b	-
Florence ... ..	84	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.

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

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

8 <sup>th</sup> July, 1904	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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on *Saturday, 9<sup>th</sup> July, 1904.*

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine Hours	Rainfall. Ins.		
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°			°	°									
SCANDINAVIA.	Haparanda...	29.52	59	N	2	bc	29.52	-0.06	59	54	+5	SW	4	0	*	66	54	-	*	0.04	
	Hernösand...	29.67	52	X	0	c	29.68	-0.10	56	48	+3	N	6	c	*	61	46	-	*	0.87	
	Stockholm...	29.77	59	W	4	bc	29.70	-0.16	57	54	-1	W	4	0	*	66	54	-	*	-	
	Wisby...	29.88	57	WSW	2	c	29.77	-0.19	56	53	-2	WNW	6	c	*	61	52	-	*	-	
	Karlstad...	29.79	59	SW	4	bc	29.78	-0.13	59	52	+1	WNW	4	bc	*	61	52	-	*	-	
	Færder (X'ania Fjord)	29.82	59	W	6	c	29.86	-0.06	61	57	+4	NW	4	bc	3	61	55	-	*	-	
	Bodö...	29.59	51	W	2	bc	29.65	+0.05	52	48	0	W	4	c	2	54	45	-	*	0.12	
	Christiansund...	29.71	50	SW	5	bc	29.82	+0.11	50	45	-1	SW	6	c	4	54	46	-	*	0.08	
Skudesnaes...	29.92	53	WSW	4	bc	30.04	+0.07	54	53	0	NW	6	c	3	55	50	0.1	*	-		
BRITISH ISLANDS.	Sumburgh Head	29.83	52	W	2	c	30.02	+0.36	52	50	+1	W	3	c	3	54	49	0.1	*	0.02	
	Stornoway...	29.97	55	W	3	0	30.10	+0.27	52	51	-2	W	2	0.1 m	2	58	49	0	2.3	0.02	
	Malin Head...	30.13	54	W	6	omp	30.19	+0.14	54	54	0	WSW	4	0.9 m	3	55	51	0.1 m	*	-	
	Blacksod Pt.	30.21	57	WSW	5	c	30.23	+0.06	59	57	+2	WSW	4	bc	3	59	54	c	*	-	
	Valencia...	30.32	58	WSW	2	bc	30.27	-0.02	58	55	+2	X	0	bc	3	61	45	bc	9.8	-	
	Roche's Point...	30.28	63	S	2	bc	30.28	0.00	59	56	+4	N	1	bc	1	63	51	bc	*	-	
	Parsonstown...	30.26	64	W	1	bc	30.30	+0.04	58	53	-1	X	0	0	*	67	46	-	11.1	-	
	Donaghadee...	30.20	60	WSW	1	0	30.25	+0.08	58	57	+3	WSW	1	c	1	62	54	c m, g	*	-	
	Liverpool Obsy...	30.24	63	NW	2	bc	30.27	+0.03	59	57	+3	NNW	2	bc	2	64	54	bc	*	-	
	Holyhead...	30.25	57	SW	3	bc	30.27	+0.03	62	59	+2	NW	3	bc	2	63	52	bc	*	-	
	Pembroke (St Ann's)	30.27	58	NNW	3	bc	30.24	-0.01	59	55	+2	NE	1	bc	1	61	50	bc, bc	15.0	-	
	Scilly (St. Mary's)	30.25	62	NNE	4	bc	30.24	-0.02	60	57	+1	NE	2	bc	2	66	56	bc	14.9	-	
	Jersey (St. Aubins)	30.22	72	NW	3	bc	30.21	-0.03	70	63	+4	ENE	3	bc	3	75	58	0.1, bc, m	14.6	-	
	Portland Bill...	30.24	64	WNW	2	bc	30.23	-0.03	69	60	+4	ENE	1	bc	1	69	58	bc	*	-	
	Dungeness...	30.18	61	SW	2	m	30.21	-0.02	66	60	+9	E	2	bc	1	67	53	f, m	10.4	-	
	Wick...	29.94	53	WNW	4	0	30.09	+0.28	53	52	-2	WNW	2	c	1	61	49	-	*	0.18	
	Nairn...	29.98	58	W	3	bc	30.12	+0.23	55	53	-1	W	2	c	1	64	52	-	*	-	
Aberdeen...	29.97	65	W	3	c	30.16	+0.21	55	52	-1	ESE	1	c	1	68	53	bc, 0.1	2.6	-		
Leith...	30.08	59	SW	3	0	30.18	+0.11	60	56	+2	WNW	1	0	*	64	51	-	*	-		
North Shields...	30.13	62	SW	3	c	30.21	+0.07	61	56	+3	SW	2	bc	1	69	55	bc, c	*	-		
Spurn Head...	30.15	67	WNW	4	bc	30.26	+0.06	62	59	+2	WNW	3	bc	1	69	57	-	*	-		
Yarmouth...	30.18	65	SSE	3	bc	30.23	+0.05	63	58	+2	NE	3	bc	3	66	57	bc	*	-		
Clacton-on-Sea...	30.19	65	ESE	3	bc	30.26	+0.04	66	59	-2	E	3	bc	2	69	57	bc, bc, m	12.3	-		
Nottingham...	30.19	72	WNW	1	bc	30.25	+0.03	64	58	+3	SW	1	bc	*	76	49	bc	13.9	-		
Bath...	30.22	68	W	?	bc	30.25	-0.01	67	59	+8	?	?	bc	*	75	50	-	*	12.5		
Oxford...	30.22	70	NW	1	bc	30.27	+0.02	67	60	+6	NE	1	bc	*	78	53	bc	*	-		
London (Brixton)...	30.18	79	W	2	bc	30.25	+0.03	67	60	+4	E	3	bc	*	81	55	bc	10.6	-		
GERMANY, &c.	The Scaw (Skagen)	29.94	55	W	5	0	29.91	-0.11	58	54	+1	WNW	5	bc	1	61	55	-	*	-	
	Faro...	30.12	56	SW	4	bc	30.13	-0.04	58	55	0	WNW	6	bc	*	63	55	-	*	-	
	Cuxhaven...	30.17	62	NW	3	bc	30.17	-0.04	60	56	+1	W	2	bc	*	64	55	-	*	-	
	The Helder...	*	*	*	*	*	30.25	+0.02	69	64	+11	WSW	1	bc	*	76	55	-	*	-	
	Brussels...	*	*	*	*	*	30.17	+0.04	61	54	-10	WNW	3	bc	*	79	57	-	*	-	
	Berlin...	30.11	73	NW	1	bc	30.17	+0.04	61	54	-10	WNW	3	bc	*	79	57	-	*	-	
	Frankfurt...	30.17	72	N	1	bc	30.22	+0.05	69	65	-1	N	3	bc	*	86	61	-	*	-	
Munich...	30.23	72	X	0	bc	30.25	-0.04	72	65	+7	SW	2	bc	*	81	61	-	*	-		
FRANCE.	C. Gris Nez...	30.20	63	N	1	m	30.21	0.00	65	62	+7	NNE	1	m	0	70	58	-	*	-	
	Brest...	30.19	75	NE	1	bc	30.17	-0.04	64	59	+6	E	3	bc	2	82	58	-	*	-	
	Lorient...	30.14	79	X	0	bc	30.15	?	65	61	+6	E	3	bc	2	90	59	-	*	-	
	Rochefort...	30.13	89	NE	2	bc	30.16	-0.03	73	68	+1	E	3	0	+	80	68	bc	*	-	
	Biarritz...	30.08	80	NNE	1	c	30.17	+0.02	70	?	-5	WSW	4	0	2	81	68	c, bc	*	-	
	Paris...	30.17	82	ENE	2	bc	30.23	+0.01	68	64	0	ENE	2	bc	*	86	59	-	*	-	
	Belfort...	30.08	82	W	5	m	30.17	+0.01	68	62	-3	E	2	m	*	90	59	-	*	-	
	Lyons...	30.10	87	NNE	1	bc	30.17	-0.04	73	65	+3	NNE	1	bc	*	93	66	-	*	-	
Nice...	30.12	80	X	0	bc	30.10	-0.07	82	72	+2	X	0	bc	*	90	68	-	*	-		
Perpignan...	30.12	78	E	2	bc	30.12	-0.07	77	72	+6	X	0	bc	*	82	66	-	*	-		
SPAN. PEN.	Corunna...																		*	-	
	Lisbon...																		*	-	
Azores (P. Delgada)...																			*	-	
„ (Horta)...	30.32	65	X	0	bc	30.32	+0.03	63	59	-2	NNE	2	bc	1	70	59	-	*	-		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR SATURDAY 9<sup>TH</sup> JULY, 1904.

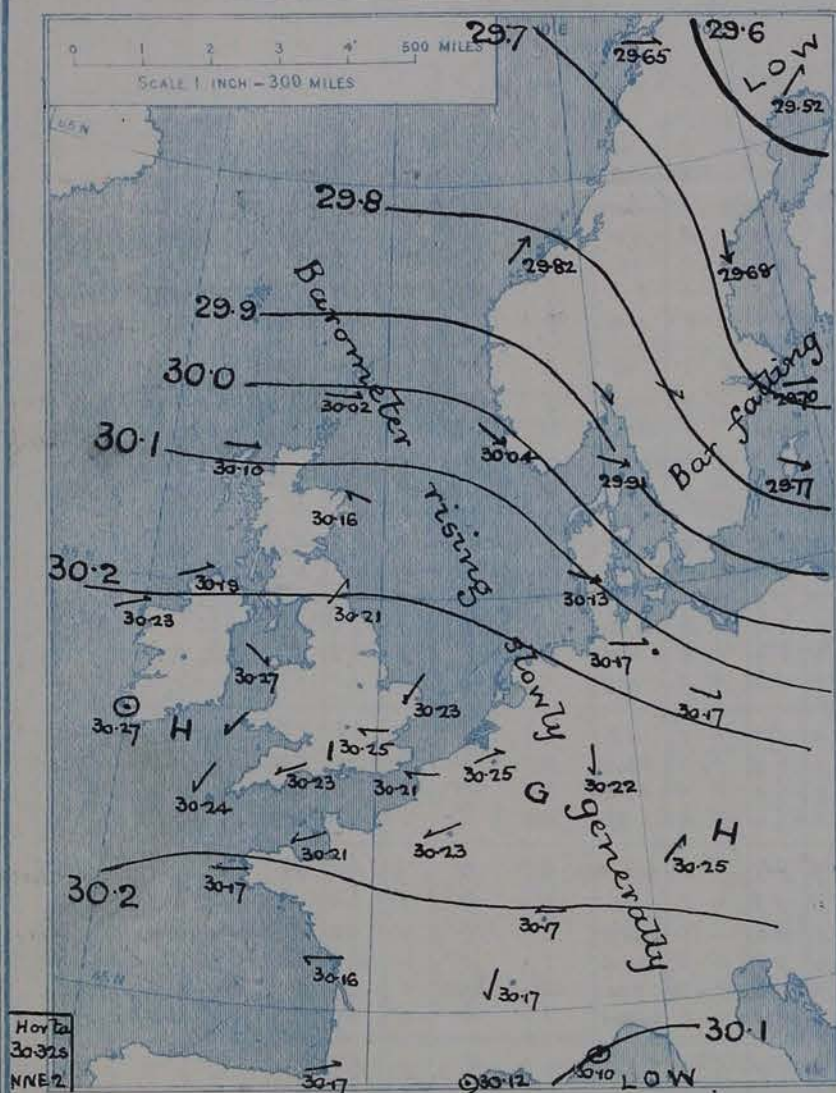
## I. BAROMETER, WIND AND SEA. This Morning.

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. BRIGHT SUNSHINE IN 1904.

Total Duration recorded in various districts of the United Kingdom in the 26 weeks ended Saturday 2<sup>ND</sup> JULY, with the percentage of the average duration for the corresponding period.



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Month of JULY. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The barometer now ranges from 30.2 ins. in an anticyclone extending from the Atlantic across Ireland and England to central Europe, to 30.1 ins. at Nice and Stornoway, and to 29.52 ins. at Haparanda. The mercury is rising slowly generally, but falling over the south of Sweden under the influence of a depression to the eastward of that neighbourhood. Gradients are very slight as a whole, but moderate or rather steep over Denmark and the Baltic.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Light W<sup>ly</sup> winds prevail on our northwestern and northern coasts and light E<sup>ly</sup> breezes in the south and over France, while in the intervening regions there are light variable airs. Over Scandinavia and Denmark the wind has considerable force, and is mainly NW<sup>ly</sup>. Temperature has risen a few degrees at most of our own and the French stations; it now ranges from 82° at Nice, 72° at Munich, and 70° at Jersey, to 60° at Leith, to 52° in the Hebrides and Shetlands, and to 50° at Christiansund. The weather is very fine in most parts of France, Germany and the United Kingdom, but the sky is cloudy in Scotland, and rain is falling at Stornoway. Over Scandinavia the conditions are rather unsettled, and at Christiansund rain is reported. The sea is slight or smooth.

The highest temperatures recorded at any of our own stations yesterday were 81° in London, 78° at Oxford, 77° at Skegness, and 76° at Birmingham, Nottingham, and Bournemouth. Rain was again experienced in the extreme north of Scotland and in Scandinavia - at Helsingfors as much as 0.87 in. was measured at 8 am. Over these Islands generally the day was very bright, more than 10 hours of sunshine being recorded at most English stations, and as much as 15 hrs. at Pembroke and Plymouth.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are no indications of any important change in the general distribution of pressure. The anticyclone is likely to increase somewhat in intensity and to move slowly northwards. Fine and very warm weather will prevail over the major part of the Kingdom.

## FORECASTS\*

For the 24 hours ending at NOON on 10<sup>th</sup> JULY, 1904

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	W <sup>ly</sup> winds, light or moderate; mostly fair, but showers locally.
1	{ SCOTLAND EAST	W <sup>ly</sup> to variable airs; fair, warmer.
2	{ ENGLAND N.E.	Wind mainly E <sup>ly</sup> , light or moderate; fine, very warm inland and on south coast.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as No. 0.
7	{ ENGLAND N.W.	Wind becoming E <sup>ly</sup> or NE <sup>ly</sup> ; fine, warm.
8	{ ENGLAND S.W.	E <sup>ly</sup> and NE <sup>ly</sup> winds, light or moderate; fine, warm.
9	{ IRELAND NORTH	Same as No. 1.
10	{ IRELAND SOUTH	Variable or E <sup>ly</sup> winds, light; fine, warm.

### WARNINGS

None issued.

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	64	48	c, d	11.2	—	Hastings ... ..	*	*	*	13.0	*
Southport, to 9 p.m....						Broadstairs, ... ..	*	*	*	9.5	*
Rhyl, to 6 p.m. ....	*	*	*	12.7	*	Margate, to 7 p.m. ...	75	56	d	10.7	—
Llandudno ... ..	*	*	*	14.3	*	Lowestoft, to 6 p.m....	64	52	d, d, c, m	11.3	—
Bettws-y-Coed, to 6 p.m....	71	44	d	14.0	*	Skegness ... ..	77	*	*	14.8	*
Aberystwyth, to 6 p.m. ...	63	57	d	13.5	—	Scarborough, ... ..	73	*	*	8.6	*
Plymouth, to 9 p.m....	69	50	d	15.0	—	Harrogate, to 6 p.m. ...	66	42	c, o, c	8.4	—
Bournemouth, to 6 p.m. ...	76	*	*	12.2	*	Manchester, to 9 p.m. ...	67	44	d, d, c, d	11.0	—
Worthing ... ..	*	*	*	11.3	*	Darwen, to 9 p.m. ...	65	45	c, d, d, v, w	10.9	—
Brighton, ... ..	67	*	*	6.8	*	Birmingham, to 9 p.m. ...	76	50	d	13.5	—
Eastbourne, to 6 p.m. ...	?	*	*	8.2	*						

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

STATIONS. 8 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 8 <sup>th</sup> July.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	70	50	d, o	—	Rome ... ..	84	66	d, d	—
St. Petersburg ... ..	64	55	o, r	0.12	Naples ... ..	78	69	d, d	—
Moscow ... ..	*	*	o, d, c	—	Malta ... ..	85	72	?, o	—
Cracow ... ..	79	57	d, r, d	—	7 <sup>th</sup> July.				
Flushing ... ..	72	61	d, m	—	Geneva ... ..	75	*	d	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	d, d, c	—	Berne ... ..	77	*	d	—
Vienna ... ..	77	61	d, d	—	Lucerne ... ..	79	*	d	—
Buda Pesth ... ..	86	64	d, c, d	—	Castasegna ... ..	73	*	d	—
Hermanstadt ... ..	77	57	d, d	0.08	Lugano ... ..	84	*	d	—
Florence ... ..	85	63	d, d	—					

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	9 <sup>th</sup> July, 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.† (W.E.T.)	6 p.m.†	Yarmouth ... ..	3.42	11.58	8.14
Holland ... ..	8 a.m. ( " " )	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ... ..	3.55	12.5	8.15
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ... ..	3.21	12.17	9.12
France ... ..	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia ... ..	4.33	12.46	8.59
Spain ... ..	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ... ..	8 a.m. (Lisbon) ...	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local) ...	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ... ..	6 a.m. (Local) ...	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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



# DAILY WEATHER REPORT

for 8 a.m. on SUNDAY, 10<sup>th</sup> JULY, 1904.

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.)	Temp.		Weather	Sun- shine Hours	Rainfall. Ins.		
At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°			°	°									
SCANDINAVIA	Haparanda...	29.49	55	NE	4	r	29.48	-0.4	52	52	-7	NE	4	r	*	64	52	-	*	0.24	
	Hernösand...	29.74	55	NW	4	b	29.78	+1.0	54	47	-2	WNW	8	b	*	61	46	-	*	-	
	Stockholm...	29.81	54	SSW	2	c	29.88	+1.8	55	48	-2	SSW	4	b	*	66	52	-	*	0.16	
	Wisby...	29.84	58	Z	0	c	29.91	+1.4	56	51	0	NNW	4	bc	*	64	52	-	*	-	
	Karlstad...	29.86	63	Z	0	b	30.00	+2.2	57	48	-2	N	4	b	*	66	54	-	*	-	
	Færder (X'ania Fjord)	29.91	64	NW	5	b	30.06	+2.0	58	54	-3	NNW	4	b	*	66	54	-	*	-	
	Bodö...	29.76	50	W	2	c	29.76	+1.1	50	48	-2	SW	2	c	2	52	45	-	*	0.08	
	Christiansund...	29.97	49	WSW	5	r	30.08	+2.6	47	46	-3	WNW	6	r	4	50	46	-	*	0.08	
Skudesnaes...	30.15	54	NNW	4	b	30.22	+1.8	54	50	0	NNW	4	bc	2	57	49	-	*	-		
BRITISH ISLANDS.	Sumburgh Head	30.11	53	W	3	c	30.20	+1.8	52	50	0	Z	0	o	1	57	49	c	*	-	
	Stornoway...	30.13	58	SW	2	o	30.22	+1.2	55	54	+3	W	2	o	2	61	50	o	0.2	0.02	
	Malin Head...	30.23	55	W	4	ogm	30.26	+0.7	56	55	+2	NW	2	f	1	57	52	o, gm	*	0.01	
	Blackod Pt.	30.27	57	NW	2	mw	30.25	+0.2	58	57	-1	N	1	b	2	61	51	bc, mw	*	-	
	Valencia...	30.13	64	WNW	2	bm	30.19	-0.8	64	62	+6	Z	0	b	2	65	53	bm	15.1	-	
	Roche's Point...	30.24	61	SE	1	b	30.20	-0.8	68	61	+9	ENE	4	b	1	68	54	b	*	-	
	Parsonstown...	30.24	72	Z	0	b	30.27	-0.3	66	61	+10	E	1	b	*	75	50	b	10.3	-	
	Donaghadee...	30.26	55	N	2	o	30.29	+0.4	55	55	-3	Z	0	of	0	67	52	-	*	-	
	Liverpool Obsy...	30.26	61	NW	1	b	30.27	0.0	62	60	+3	N	1	b	1	66	55	b	*	-	
	Holyhead...	30.26	58	N	1	b	30.25	-0.2	63	61	+1	ENE	2	b	1	64	54	b	*	-	
	Pembroke (St Ann's)	30.21	65	N	5	b	30.18	-0.6	63	59	+4	NE	4	bm	2	70	57	b, bc	14.8	-	
	Scilly (St. Mary's)	30.16	62	NE	3	c	30.11	-1.3	61	58	+1	ENE	3	c	2	64	56	bc, c	9.4	-	
	Jersey (St. Aubins)	30.14	79	ENE	3	bc	30.14	-0.7	76	67	+6	E	2	b	2	83	66	b, cm	12.7	-	
	Portland Bill...	30.20	67	SE	1	bm	30.18	-0.5	67	60	-2	ENE	3	bm	2	71	61	bm	*	-	
	Dungeness...	30.18	63	E	4	b	30.20	-0.1	65	61	-1	ESE	5	bc	3	68	59	b	14.8	-	
	Wick...	30.15	55	Z	0	o	30.20	+1.1	55	55	+2	Z	0	r	0	58	51	-	*	0.06	
	Nairn...	30.15	62	W	2	c	30.21	+0.9	60	56	+5	WSW	1	c	1	68	53	-	*	-	
	Aberdeen...	30.16	56	ENE	2	c	30.24	+0.8	61	56	+6	NW	2	o	1	61	54	bc, c, o	1.9	-	
Leith...	30.19	62	W	3	o	30.25	+0.7	63	59	+3	W	1	o	*	65	54	-	*	-		
North Shields...	30.21	69	NE	2	c	30.25	+0.4	63	59	+2	W	2	o	2	75	57	c	*	-		
Spurn Head...	30.25	58	ESE	3	b	30.25	-0.1	62	60	0	S	1	b	1	69	55	-	*	-		
Yarmouth...	30.22	65	ESE	3	b	30.23	0.0	60	58	-3	ESE	3	b	3	66	58	b	*	-		
Clacton-on-Sea...	30.22	64	E	3	b	30.24	-0.2	63	61	-3	E	2	b	2	68	57	b, bc	14.6	-		
Nottingham...	30.19	76	NNW	2	b	30.23	-0.2	65	60	+1	NNE	1	b	*	80	54	b	13.6	-		
Bath...	30.13	68	W	?	b	30.20	-0.5	71	63	+4	W	?	b	*	82	55	b	14.0	-		
Oxford...	30.19	75	NE	1	b	30.22	-0.5	68	64	+2	Z	0	b	*	83	57	b	*	-		
London (Brixton)...	30.19	79	E	2	b	30.20	-0.5	69	63	+1	E	2	b	*	85	57	b	13.1	-		
GERMANY, &c.	The Scaw (Skagen)	30.01	57	WNW	4	b	30.08	+1.7	57	50	-2	N	4	b	1	63	54	-	*	-	
	Fanö...	30.20	53	WNW	4	bc	30.23	+1.0	57	52	-1	WNW	6	c	*	63	52	-	*	-	
	Cuxhaven...	30.23	62	NW	3	b	30.25	+0.8	59	54	-1	NNW	2	b	*	63	57	-	*	-	
	The Helder...	30.21	62	N	1	b	30.25	+0.4	62	57	0	NNE	1	b	0	64	57	-	*	-	
	Brussels...	*	*	*	*	*	30.23	-0.2	65	60	+4	NE	2	b	*	82	55	-	*	-	
	Berlin...	30.12	69	NW	5	b	30.18	+0.1	60	54	-1	WNW	3	bc	*	79	54	-	*	-	
	Frankfurt...	30.15	72	N	3	b	30.18	-0.4	68	64	-1	N	3	b	*	84	61	-	*	-	
Munich...	30.19	73	Z	0	b	30.20	-0.5	67	61	-5	SE	2	b	*	82	59	-	*	-		
FRANCE.	C. Gris Nez...	30.16	66	NE	3	b	30.20	-0.1	62	59	-3	ENE	3	b	2	72	57	-	*	-	
	Brest...	30.12	82	N	2	b	30.04	-1.3	72	65	+8	E	3	c	?	88	?	-	*	-	
	Lorient...	30.10	87	Z	0	b	30.06	-0.9	71	64	+6	ENE	3	bc	2	95	?	-	*	-	
	Rochefort...	30.11	82	NW	1	bc	30.07	-0.9	70	68	-3	W	2	o	*	97	66	-	*	-	
	Biarritz...	30.17	72	WNW	3	a	30.13	-0.4	68	68	-2	Z	0	c	2	73	64	-	*	-	
	Paris...	30.15	81	NE	2	b	30.15	-0.8	70	62	+2	ENE	2	b	*	87	61	-	*	-	
	Belfort...	30.02	84	NE	2	m	30.07	-1.0	66	59	-2	ENE	5	m	*	89	57	-	*	-	
	Lyons...	30.06	86	N	1	b	30.06	-1.1	72	62	-1	NNW	1	b	*	92	68	-	*	-	
Nice...	30.03	82	ESE	1	b	30.00	-1.0	80	68	-2	Z	0	b	*	91	70	-	*	-		
Perpignan...	30.02	82	E	2	c	30.01	-1.1	78	72	+1	W	1	b	*	88	66	-	*	-		
SPAN. PEN.	Corunna...	30.16	67	NW	5	b	30.13	-0.5	68	61	-1	NW	4	b	*	77	63	-	*	-	
	Lisbon...	30.33	61	NNW	3	b	30.29	-0.1	64	60	-1	Z	0	c	1	70	61	-	*	-	
	Azores (P. Delgada)...	30.36	62	NNE	2	b	30.33	+0.1	63	57	0	Z	0	b	0	70	57	-	*	-	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR Sunday, 10<sup>th</sup> July, 1904.

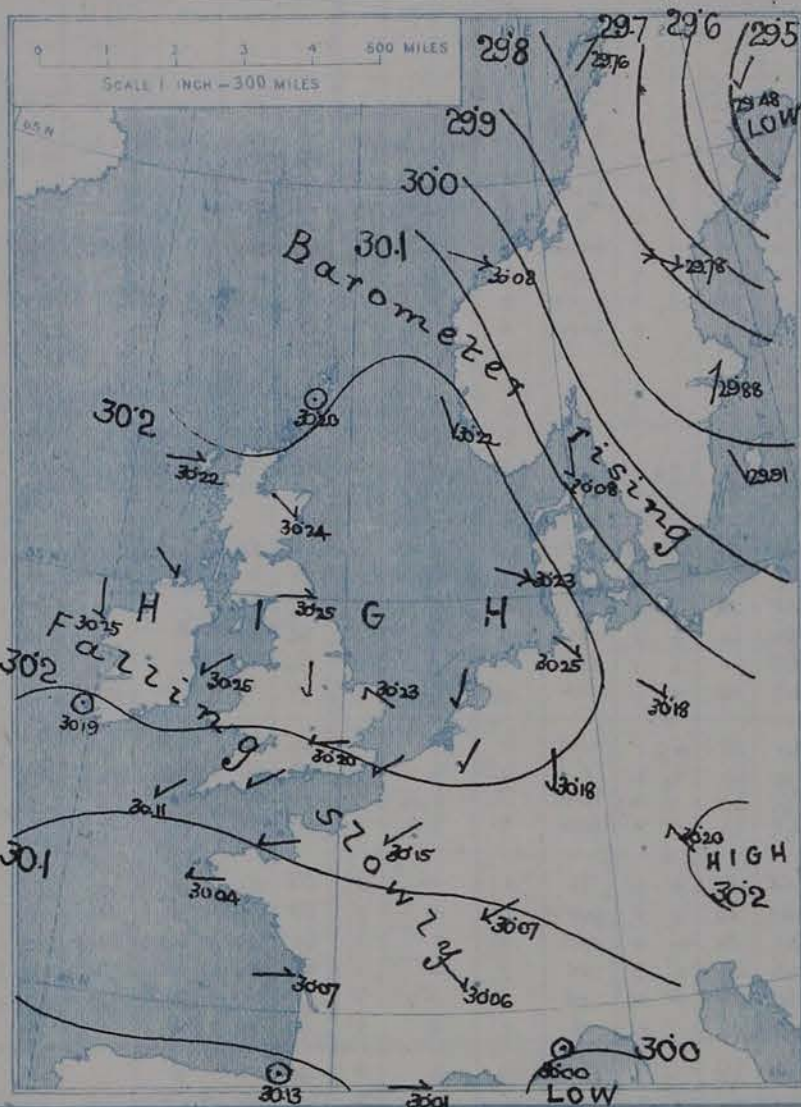
## I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force above 10 Force 5 to 7 Force 8 to 10 Force 1 to 4 Calm

SEA—Rough High

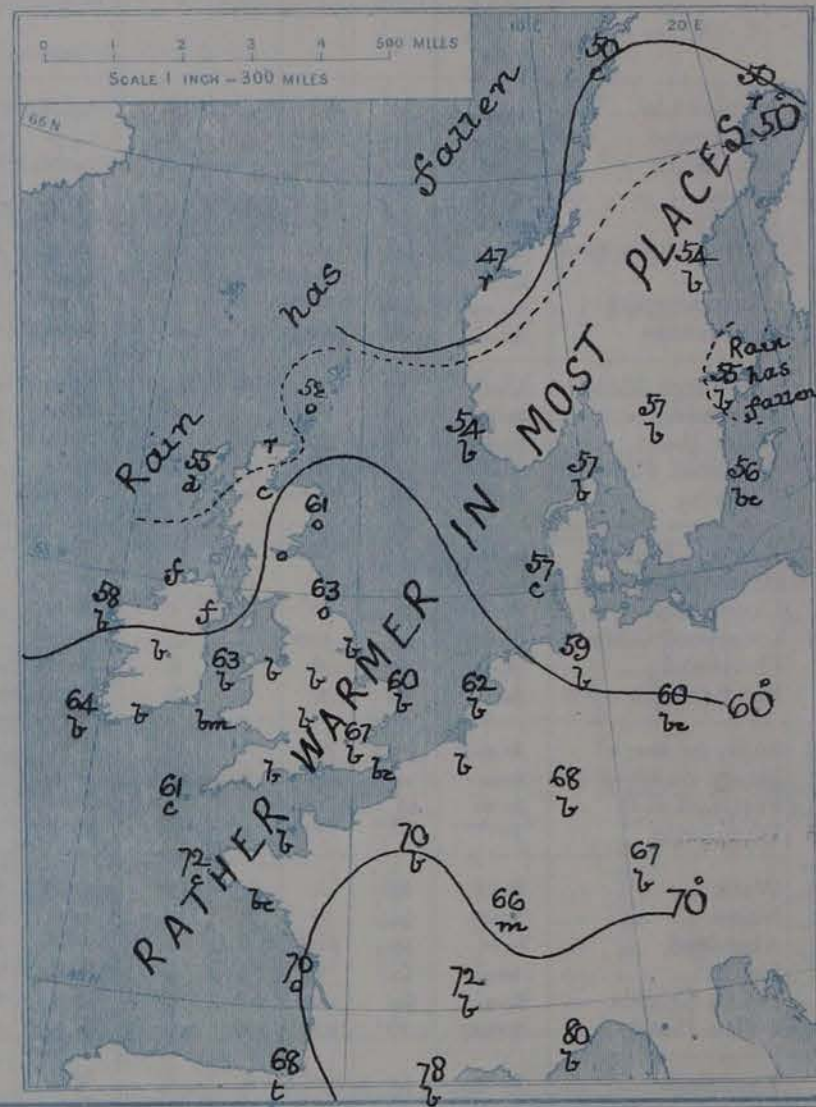


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

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

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



## III. BAROMETER AND WIND

Yesterday morning.



## IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the 26 weeks ended 2<sup>nd</sup> JULY, with the percentage of the average for the corresponding period.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Month of JULY. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

A large anticyclone this morning covers the British Isles and the North Sea. Readings are over 30.2 ins. in the southwest of Scandinavia and also at almost all home stations. Pressure decreases gradually to the south of our Islands. Scilly reports 30.11 ins. and at most French stations the barometer stands below 30.1 ins. A rather deep disturbance has appeared in the northeast of Scandinavia, whence Haparanda reports 29.48 ins.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light and variable in the north of our Islands; Easterly breezes prevail over France and the south of England. The disturbance over Scandinavia is causing strong winds from N.W. in the northeast of our area. Fine weather prevails generally; slight drizzle or fog is reported from the extreme north of Ireland and Scotland, and rain is falling at several stations in Northern Scandinavia. A thunderstorm is in progress at Biarritz. Temperature is high at all but our northwestern stations and also in Germany and France; in the latter country the thermometer stands above 70° in many places. The strong Northwesterly wind over Scandinavia keeps the temperature low in Norway and Sweden. The sea is slight or smooth on all coasts.

The past 24 hrs. proved very fine over England and Ireland where the amounts of bright sunshine recorded were over 13 hours in many cases. In Scotland the sky remained overcast or cloudy most of the time. Very slight rainfall occurred in the extreme north of Scotland and Ireland. High temperatures were recorded at our inland stations, 80° being frequently exceeded; on the coast readings were rarely over 70°. 97° was recorded at Rochefort.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on 11<sup>th</sup> JULY, 1904

### 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 (⌞), 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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	66	54	c, b	14.0	—	Hastings ... ..	*	*	*	14.5	*
Southport, to 9 p.m....	67	55	b	14.0	—	Broadstairs, ... ..	*	*	*		*
Rhyl, to 6 p.m. ... ..	*	*	*		*	Margate, to 6 p.m. ...	71	60	b	13.7	—
Llandudno ... ..	*	*	*	14.6	*	Lowestoft, to 6 p.m....					
Bettws-y-Coed, to 6 p.m....	74	46	b, bc	14.3	*	Skegness ... ..	*	*	*	12.3	*
Aberystwyth, to 6 p.m. ...	69	58	c	15.0	—	Scarborough, ... ..		*	*		*
Plymouth, to 9 p.m....	76	50	b, bc	12.5	—	Harrogate, to 6 p.m. ...	73	52	c, b, v	13.0	—
Bournemouth, to 6 p.m. ...						Manchester, to 9 p.m. ...	74	50	b, v	13.0	—
Worthing ... ..	*	*	*	13.9	*	Darwen, to 9 p.m. ...					
Brighton, ... ..	*	*	*		*	Birmingham, to 9 p.m. ...					
Eastbourne, to 6 p.m. ...			*		*						

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

STATIONS. 2 <sup>nd</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	64	54	c, c	—	9 <sup>th</sup> July.				
St. Petersburg ... ..	?	?	o, o	—	Rome ... ..	72	69	b, b	—
Moscow ... ..	*	*	bc, o	0.04	Naples ... ..	? 88	? 69	b, b	—
Cracow ... ..	82	64	o, o	—	Malta ... ..	80	71	? , bc	—
Flushing ... ..	? 64	50	b, m	—	8 <sup>th</sup> July.				
Aix-la-Chapelle ... ..	*	*	bc, b	—	Geneva ... ..	1 p.m. 79	*	1 p.m. b	Measured 7 a.m.
Vienna ... ..	84	68	b, c	—	Berne ... ..	82	*	b	—
Buda Pesth ... ..	88	68	b, b	—	Lucerne ... ..	81	*	b	—
Hermanstadt ... Not recd.				—	Castasegna ... ..	77	*	b	—
Florence ... ..	89	64	m, b	—	Lugano ... ..	86	*	b	—

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

10 <sup>th</sup> July, 1904.	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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on *Monday, 11<sup>th</sup> July, 1904.*

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)											PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sun- shine Hours.	Rainfall. Ins.	
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 82° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
																						Ins.
SCANDINAVIA	Haparanda...	29.59	53	N	4	7	29.71	+23	50	44	0	NE	6	0	*	63	50	-	*	0.71		
	Hernösand ...	29.83	56	W	6	7	29.88	+10	52	47	-2	NW	8	0	*	66	48	-	*	-		
	Stockholm ...	29.95	58	NNW	2	7	29.96	+08	53	49	-2	NW	4	7	*	63	52	-	*	0.08		
	Wisby...	29.93	57	WNW	2	7c	29.95	+04	55	50	-1	N	4	7	*	61	54	-	*	-		
	Karlstad ...	30.02	58	W	0	7	30.04	+04	55	47	-2	NNW	2	c	*	61	54	-	*	-		
	Færder (X'iania Fjord)	30.05	63	SW	2	7c	30.09	+03	57	49	-1	NE	2	0	2	63	55	-	*	-		
	Bodö ...	29.92	50	N	4	c	29.97	+21	50	48	0	W	2	c	2	52	45	-	*	0.04		
	Christiansund ...	30.17	50	W	4	0	30.12	+04	52	48	+5	W	1	0	2	52	47	-	*	0.04		
Skudesnaes ...	30.23	54	NNW	4	c	30.14	-08	51	50	-3	SSE	2	7	2	57	50	7c	*	-			
BRITISH ISLANDS.	Sumburgh Head	30.15	52	SW	1	f	30.11	-09	52	51	0	W	2	0	2	54	50	7c	*	0.09		
	Stornoway ...	30.20	66	W	2	0	30.18	-04	54	53	-1	WNW	2	dm	2	66	51	7c	1.5	0.01		
	Malin Head ...	30.23	59	E	2	7	30.16	-10	53	53	-3	E	2	f	1	60	49	7c	*	-		
	Blacksod Pt. ...	30.18	66	N	4	7c	30.11	-14	65	61	+7	SE	3	7cm	3	73	54	7c	*	-		
	Valencia ...	30.10	71	SW	1	7m	30.02	-17	70	63	+6	ENE	2	7cm	3	78	58	7c	14.5	-		
	Roche's Point ...	30.13	69	E	4	7	30.07	-13	64	60	-4	ENE	3	7	1	72	56	7c	*	-		
	Parsonstown ...	30.18	71	W	0	7	30.13	-14	64	60	-2	W	0	7	4	76	52	7	10.5	-		
	Donaghadee ...	30.23	61	NNW	1	7	30.16	-13	55	54	0	NNW	2	7	1	62	52	7m	*	-		
	Liverpool Obsy...	30.20	64	N	2	7	30.14	-13	66	61	+4	ESE	3	7m	?	67	56	7m	*	-		
	Holyhead ...	30.21	58	NNE	2	7	30.12	-13	64	61	+1	NW	1	7	1	64	55	7	*	-		
Pembroke (St Ann's)	30.11	72	NNE	4	7	30.08	-10	66	60	+3	E	5	7m	3	76	61	7	14.1	-			
GERMANY, &c.	Scilly (St. Mary's) ...	30.03	66	E	4	c	29.95	-16	63	60	+2	E	5	c	3	70	58	7c	11.9	-		
	Jersey (St. Aubins) ...	30.05	76	NE	5	7c	30.03	-11	67	63	+9	ENE	5	7	4	85	63	7c	12.5	-		
	Portland Bill ...	30.13	65	E	4	7	30.10	-08	64	60	-3	ENE	5	7	2	68	59	7c	*	-		
	Dungeness ...	30.15	65	E	5	7c	30.09	-11	65	61	0	NE	5	7	3	68	59	7c	14.6	-		
	Wick ...	30.18	53	W	0	0	30.18	-02	53	52	-2	WNW	2	0	0	62	51	-	*	0.04		
	Nairn ...	30.18	64	E	1	7	30.20	-01	59	56	-1	E	1	0	1	74	46	-	*	-		
	Aberdeen ...	30.21	59	ESE	2	7	30.21	-03	60	56	-1	ENE	3	7	2	65	49	7c	7.4	-		
	Leith ...	30.19	66	W	1	7	30.16	-09	63	59	0	NW	1	7m	*	69	48	-	*	-		
	North Shields ...	30.22	64	E	2	c	30.18	-07	62	58	-1	SSW	2	7c	2	68	55	c	*	-		
	Spurn Head ...	30.22	58	ESE	3	7	30.22	-03	64	61	+2	S	1	7	1	65	56	-	*	-		
FRANCE.	Yarmouth ...	30.21	64	ESE	3	7	30.19	-04	61	57	+1	E	3	7	3	65	58	7	*	-		
	Clacton-on-Sea ...	30.20	64	E	2	7	30.19	-05	62	60	-1	ENE	3	7c	3	66	57	7c	14.5	-		
	Nottingham ...	30.16	76	E	2	7	30.19	-04	66	60	+1	ESE	1	7	*	81	52	-	13.4	-		
	Bath ...	30.08	83	W	0	7	30.12	-08	68	62	-3	ESE	1	7	*	84	51	7	13.2	-		
	Oxford ...	30.15	72	ESE	2	7	30.16	-06	66	61	-2	E	2	7	*	84	54	7	*	-		
	London (Brixton) ...	30.15	74	ESE	3	7	30.17	-03	66	61	-3	E	2	7	*	84	57	7	14.0	-		
	The Scauw (Skagen)	30.08	56	WNW	1	7c	30.06	-02	59	54	+2	NNW	3	c	0	64	54	-	*	-		
	Fanö ...	30.21	53	NW	4	7c	30.19	-04	58	54	+1	NW	6	c	*	63	52	-	*	-		
	Cuxhaven ...	30.23	62	NNW	3	7	30.21	-04	59	56	0	NW	2	0	*	63	57	-	*	-		
	The Helder ...	30.16	62	ENE	1	7	30.21	-04	62	57	0	E	1	7	0	66	57	-	*	-		
SPAN. PEN.	Brussels ...	*	*	*	*	*	30.15	-08	64	61	-1	ENE	3	7	*	80	52	-	*	-		
	Berlin ...	30.13	65	WNW	3	7	30.14	-04	60	55	0	NW	2	7	*	75	54	-	*	-		
	Frankfurt ...	30.11	67	N	4	7	30.12	-06	67	62	-1	N	4	7	*	81	61	-	*	-		
	Munich ...	30.11	73	S	1	7	30.13	-07	63	57	-4	SE	4	7	*	81	54	-	*	-		
	C. Gris Nez ...	30.15	65	NE	4	7	30.11	-09	60	58	-2	ENE	4	7	3	70	57	-	*	-		
	Brest ...	29.99	76	NW	1	0	29.96	-08	62	62	-10	W	0	7m	2	79	59	-	*	-		
	Lorient ...	29.96	81	ENE	2	c	29.94	-12	67	64	-4	E	1	7	2	81	63	-	*	-		
	Rochefort ...	29.98	73	WNW	3	7c	29.93	-14	68	66	-2	WNW	4	7	*	84	66	7c	*	-		
	Biarritz ...	30.05	78	W	1	0	30.06	-07	67	67	-1	W	1	0	1	73	64	-	*	0.32		
	Paris ...	30.06	82	NE	3	7	30.04	-11	67	60	-3	NE	2	7	*	87	61	-	*	-		
Belfort...	29.93	80	ENE	6	?	29.99	-08	64	58	-2	ENE	6	7m	*	87	55	-	*	-			
Lyons...	29.95	87	NNE	1	7	29.93	-13	74	67	+2	NE	1	7	*	94	65	-	*	-			
Nice ...	29.93	80	W	0	0	29.94	-07	79	71	+1	W	0	7	*	89	68	-	*	-			
Perpignan ...	29.93	80	W	0	0	29.94	-07	79	71	+1	W	0	7	*	89	68	-	*	-			
SPAN. PEN.	Corunna ...	30.10	66	WNW	4	7	30.09	-04	67	61	-1	WNW	4	0	*	75	63	-	*	-		
	Lisbon ...	30.27	62	N	3	7	30.21	-08	65	58	+1	W	0	7	1	68	59	-	*	-		
	Azores (P. Delgada)...	30.29	64	SW	1	7	30.20	-13	66	61	+3	S	2	c	3	70	63	-	*	-		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR Monday, 11<sup>th</sup> July, 1904.

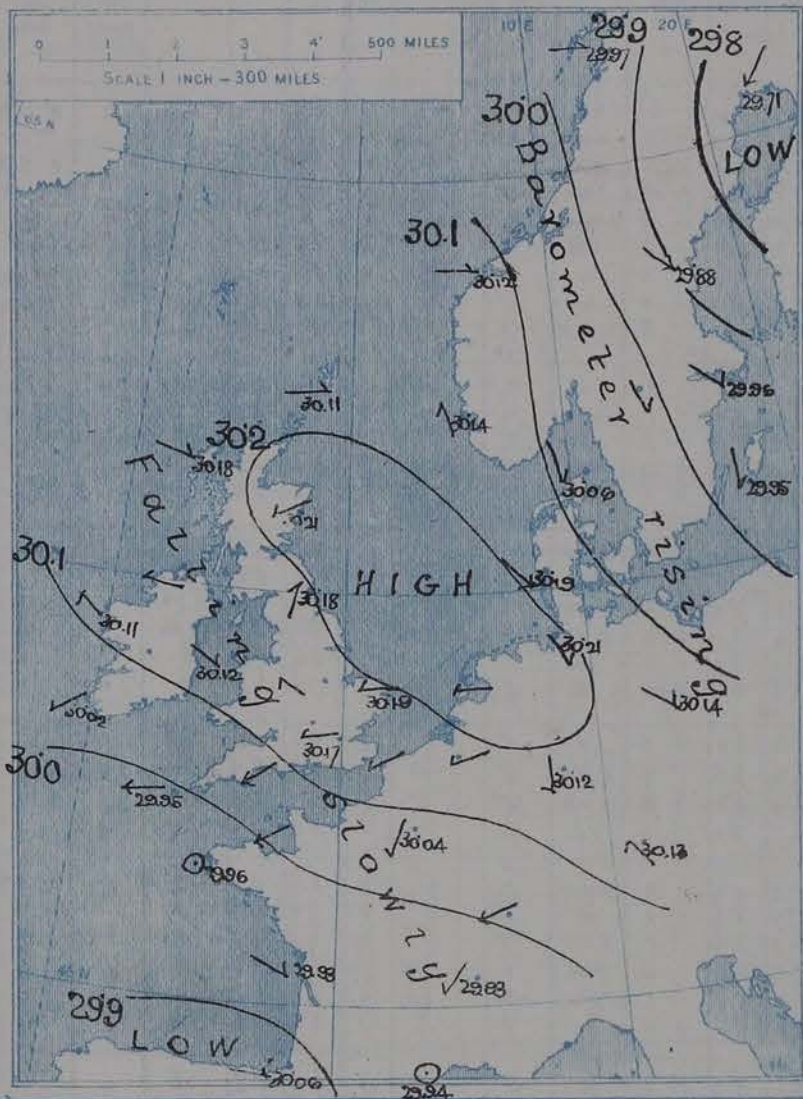
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

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

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. ACCUMULATED TEMPERATURE ABOVE 42°

Amount recorded  
in various districts of the United Kingdom  
during the week ended SAT. 2<sup>nd</sup> JULY,  
with the percentage of the average, for the  
corresponding week.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



### V. Means of DAILY TEMPERATURE

at 8 A.M. for the Month of

*JULY. (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The weather over the greater part of Western Europe remains under the influence of a large anticyclone, the central portions of the system, with pressures about 30.2 inches, being at present situated over the North Sea and the Netherlands. The barometer is, however, falling in most parts of the United Kingdom, and France while it is rising in Scandinavia and Germany. The lowest pressures, 29.8 inches and less, are found in a cyclonic area over the Gulf of Bothnia; the barometer is also somewhat low, 30.0 inches and less, in a shallow system covering the Bay of Biscay and the greater part of France.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is easterly over Ireland, England and the neighbouring parts of the Continent, and blows freshly at the Channel stations. In the north of Scotland and the west of Norway it is light from the Westward, breezes from a similar quarter being reported also over the southern part of the Bay of Biscay. In Sweden, Denmark and N. Germany the wind is Northwesterly, with a gale at Helsingør. Temperature has changed very irregularly, the general tendency being, however, in a downward direction. Over the greater part of our Islands and France the thermometer is still above the average, the readings being above 65° over a considerable portion of England, and also in the west of Ireland; at Valencia the thermometer stands at 70°, at 11° above the average for a July morning. In the south of France the readings are above 70°, but in Scandinavia they are below 55°, the lowest reported being 50° at Bodø and Knapstad. Fine, dry weather continues to prevail over Western Europe, as a whole, but in the north of Scotland and at most of the Scandinavian stations the sky is overcast. A misty drizzle is reported in Norway, and thick fog at Malin Head. The sea is slight or smooth generally.

During yesterday the thermometer rose to 80° and upwards over the central and northern parts of England, and to 85° at Jersey. At many of the French stations it exceeded 85°, and at Lyons it reached 94°. The amount of bright sunshine recorded over England and Ireland was very large, more than 14 hours in several places and as much as 15.8 hours at Glenduro. Slight rain fell generally in the extreme north of Scotland. Lightning was seen at night at Roche's Point, Sally and Portland Bill.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is now moving slowly eastwards, and a shallow low pressure system over the Bay of Biscay is inclined to spread northwards. A gradual change to unsettled thunder weather is therefore probable over our southwestern districts. In other parts of the Kingdom fine warm weather is likely to continue for the present.

## FORECASTS\*

For the 24 hours ending at NOON on JULY 12<sup>TH</sup> 1904

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	Light W <sup>ly</sup> to S W <sup>ly</sup> breezes; cloudy, slight rain locally.
1	SCOTLAND EAST	Light breezes varying between S. and E.; fine, warm.
2	ENGLAND N.E.	
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	E <sup>ly</sup> winds, light; fine, warm.
5	ENGLAND SOUTH	E <sup>ly</sup> winds, moderate or fresh; fine, warm.

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	Light variable air, cloudy, some mist or fog.
7	ENGLAND N.W.	Same as No. 5.
8	ENGLAND S.W.	E <sup>ly</sup> winds, fresh; fair at first, but becoming unsettled and thundery later.
9	IRELAND NORTH	Variable or light E <sup>ly</sup> breezes; fine, warm.
10	IRELAND SOUTH	Same as No. 8.

### WARNINGS

NONE ISSUED.

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	67	49	3	14.2	—	Hastings ... ..	*	*	*	14.6	*
Southport, to 9 p.m....	68	48	3c, 3	13.8	—	Broadstairs, ... ..	*	*	*		*
Rhyl, to 6 p.m. ....	*	*	*	13.5	*	Margate, to 6 p.m. ...	70	59	3	13.5	—
Llandudno ... ..	*	*	*	15.8	*	Lowestoft, to 6 p.m....	64	54	*	12.6	*
Bettws-y-Coed, to 6 p.m....	74	46	3	13.5	*	Skegness ... ..	*	*	*		*
Aberystwyth, to 6 p.m. ...	73	60	c	14.5	—	Scarborough, ... ..	68	*	*	10.1	*
Plymouth, to 9 p.m....						Harrogate, to 6 p.m. ...	75	52	3v	9.9	—
Bournemouth, to 6 p.m. ...	80	57	*	12.4	*	Manchester, to 9 p.m. ...	75	50	3	10.5	—
Worthing ... ..	*	*	*	13.8	*	Darwen, to 9 p.m. ...					
Brighton, ... ..	81	*	*	12.4	*	Birmingham, to 9 p.m. ...					
Eastbourne, to 6 p.m. ...	70	*	*	13.5	*						

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

STATIONS. 10 <sup>th</sup> JULY, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Obs. not received					Rome ... ..	*	*		
Copenhagen ... ..					Naples ... ..	*	*		
St. Petersburg ... ..					Malta ... ..	*	*		
Moscow ... ..									
Cracow ... ..					9 <sup>th</sup> JULY	1 p.m.		1 p.m.	Measured
Flushing ... ..					Geneva ... ..	79	*	6	7 a.m.
Aix-la-Chapelle ... ..					Berne ... ..	82	*	6	—
Vienna ... ..					Lucerne ... ..	81	*	6	—
Buda Pesth ... ..					Castasegna ... ..	77	*	6	—
Hermanstadt ... ..					Lugano ... ..	86	*	6	—
Florence ... ..							*		

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

11 <sup>th</sup> JULY, 1904	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.44	11.58	8.13
Greenwich ... ..	3.57	12.5	8.13
Wick ... ..	3.23	12.7	9.10
Valencia ... ..	4.35	12.46	8.58

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

TERMS: 1. or 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' Lookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on **TUESDAY, JULY 12<sup>th</sup>** 1904.

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.)	Temp.		Weather.	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...	29.85	51	N	2	b	30.00	+2.9	52	47	+4	N	4	b	*	63	48	—	*	—	
	Hernösand...	29.97	57	NW	6	bc	30.12	+2.4	55	48	+3	NW	4	b	*	64	59	—	*	—	
	Stockholm...	29.99	55	NW	2	c	30.08	+1.2	55	49	+2	NW	4	b	*	59	50	—	*	0.04	
	Wisby...	29.99	55	N	2	bc	30.10	+1.5	56	51	+1	NNE	6	b	*	59	50	—	*	—	
	Karlstad...	30.04	61	2	0	bc	30.22	+1.8	55	46	0	NE	4	b	*	61	51	—	*	—	
	Færder (X'ania Fjord)	30.06	62	NW	2	b	30.23	+1.4	59	50	+2	NNE	2	b	1	63	57	—	*	—	
	Bodö...	30.11	50	NW	2	c	30.23	+2.6	48	44	-2	NW	4	c	2	52	45	—	*	0.12	
	Christiansund...	30.22	52	NNE	2	b	30.26	+1.4	53	48	+1	E	3	b	3	55	45	—	*	—	
Skudesnaes...	30.16	55	SW	4	0	30.20	+0.6	58	55	+7	NW	4	b	2	57	50	0	*	—		
BRITISH ISLANDS.	Sumburgh Head	30.16	50	NW	1	m	30.18	+0.7	49	49	-3	S	1	0	2	54	47	o.m.	*	—	
	Stornoway...	30.14	59	E	3	b	30.03	-1.5	58	56	+4	2	0	c	0	61	49	c.b.	7.6	—	
	Malin Head...	30.05	57	E	2	b	29.97	-1.9	60	54	+7	SW	4	bm	2	60	50	b.b.	*	—	
	Blacksod Pt. ...	29.99	71	NNE	1	bc	29.88	-2.3	64	62	+2	SE	3	bm	3	71	61	b.b.	*	—	
	Valencia...	29.96	73	ESE	3	cm	29.85	-1.7	61	59	-9	SE	1	bm	3	78	59	comp. cm	6.1	0.17	
	Roche's Point...	29.99	68	E	4	bc	29.90	-1.7	61	60	-3	E	3	og	1	70	58	omb. cl.	*	0.02	
	Parsonstown...	29.99	80	2	0	b	29.92	-2.1	64	58	0	E	1	c	4	82	52	b	12.0	—	
	Donaghadee...	30.08	63	NW	1	b	30.05	-1.1	59	55	+2	ESE	4	bc	4	63	54	bm	*	—	
	Liverpool Obsy...	30.04	48	SE	3	b	30.06	-0.8	64	57	-2	ESE	4	b	3	80	56	b	*	—	
	Holyhead...	30.02	64	NW	1	b	29.98	-1.4	65	61	+1	E	3	b	2	69	54	m.b.	*	—	
	Pembroke (St Ann's)	29.96	73	E	5	b	29.93	-1.5	60	58	-6	E	5	bm	4	74	58	bc. cm	13.9	0.02	
	Scilly (St. Mary's)	29.93	63	W	1	0	29.90	-0.5	62	60	-1	SW	1	b	1	64	60	cob. cl.	7.6	0.24	
	Jersey (St. Aubins)	29.90	78	ESE	6	b	29.96	-0.7	61	60	-6	NW	5	0	4	78	59	br. cl.	14.2	—	
	Portland Bill...	29.99	65	ESE	5	b	29.95	-1.5	61	60	-3	E	4	cl. b	3	69	58	b	*	2.28	
	Dungeness...	30.03	65	NE	5	bc	?	?	64	60	-1	ESE	6	bc	4	69	60	bc	15.0	—	
	Wick...	30.18	56	S	2	c	30.11	-0.7	51	50	-2	SE	3	f	2	61	49	—	*	—	
	Nairn...	30.14	59	E	3	b	30.11	-0.9	55	53	-4	E	1	0	1	68	52	—	*	—	
Aberdeen...	30.20	54	ESE	2	0	30.14	-0.4	55	52	-5	SE	3	m	2	61	51	o.m.	3.0	—		
Leith...	30.15	60	ESE	2	bc	30.12	-0.4	60	59	-3	NE	2	b	*	69	53	—	*	—		
North Shields...	30.14	65	E	3	b	30.14	-0.4	60	59	-2	ESE	3	bc	2	70	56	b	*	—		
Spurn Head...	30.16	58	ESE	4	b	30.14	-0.8	59	57	-5	E	3	0	2	65	55	—	*	—		
GERMANY, &c.	Yarmouth...	30.14	65	ESE	4	b	30.09	-1.0	61	58	0	E	5	c	4	65	58	b	*	—	
	Clacton-on-Sea...	30.10	63	NE	4	b	30.07	-1.2	63	60	+1	ESE	4	b	4	65	59	b.b.	15.0	—	
	Nottingham...	30.10	73	E	2	b	30.10	-0.9	61	58	-5	E	2	c	*	79	54	b	14.0	—	
	Bath...	30.01	77	W	1	b	29.95	-1.7	65	61	-3	NW	1	b	*	83	54	—	*	—	
	Oxford...	30.06	68	E	2	b	30.02	-1.4	68	63	+2	ESE	2	b	*	79	53	b	*	—	
	London (Brixton)...	30.06	71	E	4	b	30.00	-1.7	67	61	+1	E	5	b	*	78	54	br. b.m.	14.0	—	
	The Scaw (Skagen)	30.10	55	NW	1	b	30.20	+1.4	60	52	+1	E	3	b	0	61	52	—	*	—	
	Fanö...	30.14	58	NW	2	0	30.22	+0.3	58	54	0	ESE	2	0	*	64	57	—	*	—	
Cuxhaven...	30.17	62	NW	2	b	30.19	-0.2	60	58	+1	ESE	2	bc	*	63	59	—	*	—		
The Helder...	30.13	63	NE	2	b	30.13	-0.8	62	59	0	E	3	b	2	66	58	—	*	—		
Brussels...	*	*	*	*	*	30.05	-1.0	66	59	+2	ESE	2	b	*	81	52	—	*	—		
Berlin...	30.08	64	NW	3	b	30.14	0.0	62	53	+2	NW	3	b	*	75	54	—	*	—		
Frankfurt...	30.06	66	N	4	b	30.08	-0.4	67	63	0	N	3	b	*	81	57	—	*	—		
Munich...	30.07	68	SE	2	b	30.12	-0.1	62	59	-1	E	3	b	*	75	52	—	*	—		
FRANCE.	C. Gris Nez...	30.05	64	NE	4	b	29.98	-1.3	61	58	+1	ESE	5	b	4	72	57	—	*	—	
	Brest...	29.95	62	W	2	b	29.96	0.0	61	61	-1	SW	1	0	1	75	59	—	*	0.16	
	Lorient...	29.91	65	NW	5	b	30.00	+0.6	64	61	-3	2	0	bc	2	77	59	—	*	—	
	Rochefort...	29.93	70	NW	4	c	30.20	+0.7	67	66	-1	NW	3	0	*	77	63	o.c.	*	—	
	Biarritz...	30.04	70	NW	2	0	30.10	+0.4	66	66	-1	NW	1	0	*	72	63	—	*	0.08	
	Paris...	29.94	83	ESE	3	b	29.97	-0.7	69	64	+2	ESE	1	bc	*	87	62	—	*	0.08	
	Belfort...	29.87	79	ESE	6	?	29.98	-0.1	65	59	+1	ESE	4	m	*	85	60	—	*	—	
	Lyons...	29.91	78	W	1	0	30.00	+0.7	69	63	-5	N	1	bc	*	96	62	—	*	—	
Nice...	29.88	77	N	4	c	29.93	+0.2	76	68	-7	SW	1	b	0	90	70	—	*	—		
Perpignan...	29.87	79	E	2	b	29.99	+0.5	69	67	-10	SW	1	bc	*	90	64	—	*	0.04		
SPAN. PEN.	Corunna...																	*			
	Lisbon...																	*			
	Azores (P. Delgada)...	30.19	68	SW	4	bc	30.14	-0.7	69	64	+4	NW	4	c	3	70	65	b.b.	*	—	
„ (Horta)...	30.15	68	SW	4	0	30.18	-0.2	61	59	-5	NW	4	c	2	73	59	—	*	0.04		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR *Tuesday, 12<sup>th</sup> July, 1904.*

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

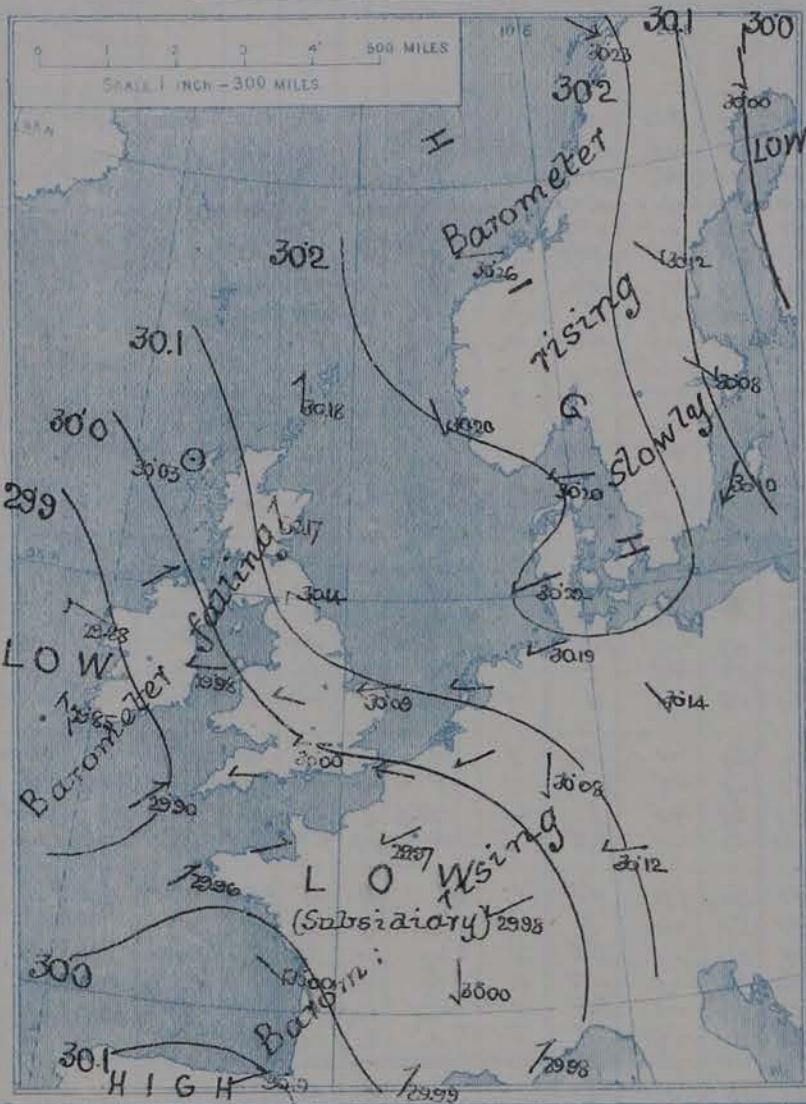
BAROMETER.—Isobars are drawn for each tenth of an inch.

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°.

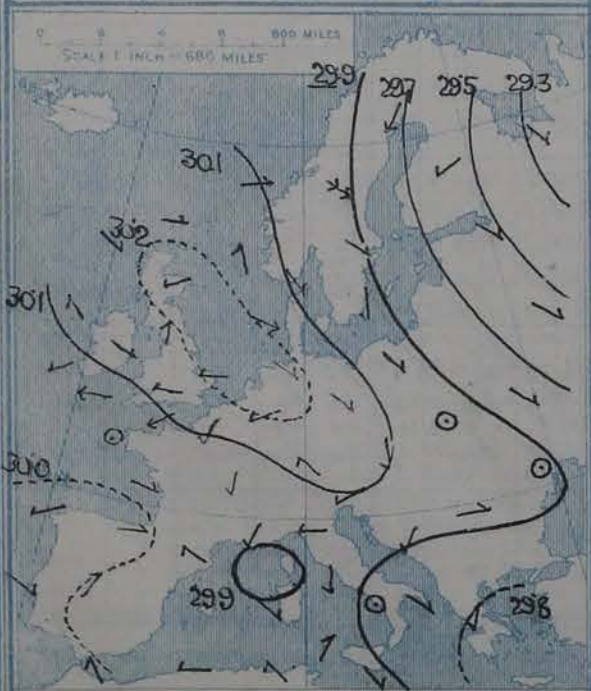
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

recorded

in various districts of the United Kingdom during the week ended Sat. 9<sup>th</sup> JULY



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Month of JULY. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The anticyclone recently noticed over our area is moving away in a north-easterly direction, the highest pressures, 30.2 ins. and upwards, being at present found over Norway, Denmark and the adjacent parts of Sweden. A depression, in which readings are below 29.9 ins. is spreading from the Atlantic over our own extreme western and south-western districts, while a shallow secondary disturbance is moving northwards over France. The barometer is consequently falling over nearly the whole of the United Kingdom, but is rising at most of the Continental stations, and even (in the rear of the secondary system) over France.

### WIND

The wind is E<sup>ly</sup> over England, Denmark and the Netherlands, and blows fresh or strongly on our east and south-east coasts, but is S. E<sup>ly</sup> or S<sup>ly</sup> in Ireland and Scotland. In the west and south of France it is light from the W. or S.W., while in Sweden and Germany it is N<sup>ly</sup> or N.W<sup>ly</sup>.

### TEMPERATURE

Temperature has changed rather irregularly, but has again fallen a little in most parts of these Islands and France. It is, however, still above the average at all but our northern stations, the morning readings over the United Kingdom varying from 68° at Oxford and 67° in London and at Blackhead Point to 55° or less in the north of Scotland and to only 49° at Lumburg Head. Over France, Belgium and Western Germany the readings are above 65°, the highest reported being 76° at Nice. The weather is fine over Western Europe as a whole, but is dull in the south of Ireland and also at some of the Channel stations and in the north and west of France; rain is falling at Valencia, thunder and lightning are reported at Portland Bill, and thunder only at Havre. The sea is moderate or slight generally.

### WEATHER

### AND

### SEA

During yesterday the thermometer rose to between 75° and 80° in many parts of England and Ireland, and to 82° at Pasconstown; on our east coasts, however, it did not exceed 65°. In Ireland and Scotland the amount of Bright Sunshine was somewhat small, but in England it was again very large, - between 14 and 15 hours in several places, and as much as 15.1 hours at Hastings and Lowestoft. Thunder and lightning occurred last night on most parts of our extreme west and south-west coasts.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression now lying off our western coasts and the shallow secondary system over France are both likely to move northwards. Unsettled, thundery weather will probably set in shortly over our western and southern districts, and will spread later to other parts of the United Kingdom.

## FORECASTS\*

For the 24 hours ending at NOON on 13<sup>th</sup> July, 1904

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	S.E <sup>ly</sup> winds, light; fair to-day, becoming showery to-morrow, with thunder in places.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Wind becoming light and variable, and weather close and unsettled, with thunder and rain in most places.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	Same as Nos. 0 to 2.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S <sup>ly</sup> and S.W <sup>ly</sup> winds, moderate; changeable, some showers, thunder in places.
9	IRELAND NORTH	
10	IRELAND SOUTH	S <sup>ly</sup> and S.E <sup>ly</sup> winds, moderate or fresh; cloudy, some rain, thunder 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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	80	54	z	13.7	—	Hastings ... ..	*	*	*	15.1	*
Southport, to 9 p.m....	82	52	z	14.1	—	Broadstairs, ... ..	*	*	*	14.2	*
Rhyl, to 6 p.m....	*	*	*	12.5	*	Margate, to 7 p.m. ...	65	59	z	14.3	—
Llandudno ... ..	*	*	*	14.8	*	Lowestoft, to 6 p.m....	64	56	z w, z	15.1	—
Bettws-y-Coed, to 6 p.m....	82	50	z	13.5	*	Skegness ... ..	68	*	*	14.5	*
Aberystwyth, to 6 p.m. ...	83	68	z	14.3	—	Scarborough, ... ..	65	*	*	13.0	*
Plymouth, to 9 p.m....	74	62	bcq	13.8	—	Harrogate, to 6 p.m. ...	76	49	c, z	13.4	—
Bournemouth, to 6 p.m. ...	78	59	*	13.3	*	Manchester, to 9 p.m. ...	81	56	z	13.0	—
Worthing ... ..	*	*	*	14.7	*	Darwen, to 9 p.m. ...	78	55	z v	13.5	—
Brighton, ... ..	81	*	*	13.2	*	Birmingham, to 9 p.m. ...	78	56	b	14.2	—
Eastbourne, to 6 p.m. ...	78	*	*	13.5	*						

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

STATIONS. 11 JULY 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	63	52	b, c	—	Rome ... ..	91	69	c, b	—
St. Petersburg ... ..	59	54	o, r	0.20	Naples ... ..	90	74	c, b	—
Moscow ... ..	?	?	o, o	—	Malta ... ..	81	70	b	—
Cracow ... ..	79	55	b, bc	—	10 JULY. Not recd	1 p.m.		1 p.m.	Measured 7 a.m.
Flushing ... ..	72	55	b, b	—	Geneva ... ..		*		
Aix-la-Chapelle ... ..	?	?	c, b	—	Berne ... ..		*		
Vienna ... ..	82	61	c, b	—	Lucerne ... ..		*		
Buda Pesth ... ..	88	66	bc, b	—	Castasegna ... ..		*		
Hermanstadt ... ..	86	61	o, c	—	Lugano ... ..		*		
Florence ... ..	96	71	c, b	—			*		

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

12 JULY 1904.	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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on

WEDNESDAY JULY 13<sup>TH</sup>

1904.

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 82° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.	Weather	Sun- shine Hours	Rainfall. Ins.
	Ins.	°				Ins.	Ins.	°	°	°						°	°			
SCANDINAVIA	Haparanda...	30.06	53	N	4	b	30.05	+0.5	56	53	+2	Str	2	c	*	58	43	—	*	—
	Hernösand...	30.18	53	2	0	b	30.18	+0.6	62	51	+7	W	4	b	*	58	48	—	*	—
	Stockholm...	30.21	60	2	0	b	30.25	+1.4	64	53	+9	Str	2	b	*	64	50	—	*	—
	Wisby...	30.22	56	2	0	b	30.30	+2.0	62	54	+6	N	2	b	*	62	54	—	*	—
	Karlstad...	30.21	62	SE	2	b	30.28	+0.6	62	54	+4	Str	2	b	*	*	*	—	*	—
	Færder (X'ania Fjord)	30.22	63	S	2	b	30.26	+0.3	61	58	+2	Str	3	b	2	64	54	—	*	—
	Bodö...	30.20	49	W	2	c	30.04	-1.9	50	49	+2	SE	6	+	3	52	45	—	*	0.24
	Christiansund...	30.23	59	N	1	bc	30.21	-0.5	60	53	+7	W	1	b	1	61	50	—	*	—
	Skudesnaes...	30.26	56	S	2	o	30.29	+0.9	56	53	-2	S	2	c	1	65	52	bc	*	*
BRITISH ISLANDS.	Sumburgh Head	30.14	51	SE	3	o	30.04	-1.4	53	52	+4	SE	3	o	4	53	48	o	*	—
	Stornoway...	29.95	70	E	1	c	29.85	-1.8	59	54	+1	2	o	o	0	71	51	bc	14.4	—
	Malin Head...	29.86	67	SE	6	o+	29.77	-2.0	58	54	-2	S	6	ofg	3	70	56	bc	*	0.07
	Blackod Pt. ...	29.80	63	S	4	bc	29.77	-1.1	59	55	-10	SE	6	ofg	5	72	56	bc	*	0.36
	Valencia...	29.80	65	SE	4	c	29.93	+0.8	58	53	-3	SE	3	c	4	68	54	cp.c	4.5	0.42
	Roche's Point...	29.88	62	S	4	o	29.97	+0.7	60	55	-1	Str	4	bc	4	65	56	f.f.o	*	0.23
	Parsonstown...	29.86	70	E	1	b	29.93	+0.1	60	55	-4	W	2	bc	*	71	54	b.t	6.0	0.20
	Donaghadee...	29.95	60	Str	3	om	29.91	-1.4	58	58	+1	Str	3	+	2	62	54	om	*	0.27
	Liverpool Obsy...	29.92	73	SE	3	c	30.03	-0.5	64	60	0	SE	2	c	2	77	59	bc	*	0.05
	Holyhead...	29.94	61	NW	1	tlp	29.98	+0.3	60	59	-5	S	4	c	3	70	59	tlp	*	0.28
	Pembroke (St Ann's)	29.95	60	Str	3	b	30.03	+1.0	60	58	0	Str	5	bc	4	61	57	ogm	5.4	0.04
	Scilly (St. Mary's)...	29.96	65	SE	2	bc	30.01	+1.1	63	60	+1	Str	4	c	3	68	60	bc	10.6	—
	Jersey (St. Aubins)...	30.04	70	SE	2	b	30.18	+2.2	64	61	+3	Str	3	o	3	74	55	f.o	11.0	—
	Portland Bill...	30.01	62	W	4	bc	30.15	+2.0	60	59	-1	Str	3	c	2	65	57	bc	*	0.01
	Dungeness...	29.99	66	W	2	ct	30.11	?	70	65	+6	NW	2	b	1	71	58	bc	8.5	0.38
	Wick...	30.05	55	SE	4	c	29.95	-1.8	54	52	+3	SE	4	o	3	59	50	—	*	—
	Nairn...	30.00	65	E	1	c	29.92	-1.0	60	56	+5	SE	1	c	1	71	53	—	*	—
GERMANY, &c.	Aberdeen...	30.12	55	SE	3	o	30.23	+1.4	55	54	0	SE	4	o	3	58	54	om	0.0	0.02
	Leith...	30.04	62	NE	2	bc	29.95	-1.7	66	62	+6	SE	2	c	*	66	56	—	*	0.18
	North Shields...	30.09	61	SE	3	o	30.02	-1.2	61	58	+1	SE	2	c	3	64	55	c.o.t	*	0.01
	Spurn Head...	30.09	59	SE	4	bc	30.06	-0.8	62	61	+3	S	1	of	3	63	56	—	*	0.02
	Yarmouth...	30.04	64	E	5	b	30.06	-0.3	65	62	+4	W	3	bf	3	65	59	b.m	—	—
	Clacton-on-Sea...	30.02	64	NE	4	bc	30.11	+0.4	68	63	+5	W	3	b	2	68	58	bc	13.5	0.07
	Nottingham...	30.01	68	E	3	c	30.07	-0.3	65	61	+4	Str	2	bc	*	77	59	bc	10.3	0.12
	Bath...	29.96	73	NW	2	b	30.12	+1.7	64	60	-1	Str	2	o	*	78	58	—	7.3	—
	Oxford...	30.00	69	SE	2	c	30.13	+1.1	64	59	-4	Str	3	o	*	80	59	c.o	*	—
	London (Brixton)...	30.00	68	E	3	o	30.14	+1.4	66	61	-1	W	2	c	*	76	56	bc	10.1	0.03
	The Scaw (Skagen)...	30.26	56	2	0	b	30.30	+1.0	62	57	+2	NW	2	b	0	72	56	—	*	—
	Fanö...	30.24	58	SE	2	b	30.27	+0.5	63	58	+5	SE	4	b	*	68	54	—	*	—
	Cuxhaven...	30.20	65	E	3	b	30.22	+0.3	63	54	0	SE	4	b	*	68	53	—	*	—
	The Helder...	30.03	65	NE	3	b	30.06	-0.7	66	62	+4	SE	1	c	1	70	61	—	*	—
	Brussels...	*	*	*	*	*	30.13	+0.8	63	62	-3	Str	3	o	*	86	61	—	*	—
	Berlin...	30.17	69	NE	3	b	30.28	+1.4	64	55	+2	E	3	b	*	81	55	—	*	—
FRANCE.	Frankfurt...	30.06	69	N	2	b	30.13	+0.5	70	65	+3	E	3	b	*	84	55	—	*	—
	Munich...	30.09	68	NE	2	b	30.23	+1.1	65	58	+3	E	1	b	*	79	52	—	*	—
	C. Gris Nez...	29.95	71	E	2	b	30.12	+1.4	62	60	+1	W	3	b	3	72	59	—	*	—
	Brest...	30.04	65	Str	3	b	30.15	+1.9	62	60	+1	Str	3	b	3	70	59	—	*	—
	Lorient...	30.07	69	Str	4	bc	30.18	+1.3	65	62	+1	NW	3	c	2	73	59	—	*	—
	Rochefort...	30.08	71	NW	3	c	30.25	+2.5	67	64	0	2	o	b	*	75	61	bc	*	—
	Biarritz...	30.17	72	N	1	b	30.26	+1.6	67	65	+1	NW	1	o	0	75	64	—	*	0.08
	Paris...	29.99	78	NW	3	o	30.18	+2.1	69	62	0	NW	1	b	*	88	59	—	*	—
	Belfort...	29.94	74	NW	3	o	30.15	+1.7	63	62	-2	NW	4	o	*	86	60	tlp	*	0.39
	Lyons...	30.00	68	NW	2	tlp	30.20	+2.0	68	62	-1	NW	1	b	*	92	61	—	*	0.04
	Nice...	29.93	75	SE	2	c	30.02	+0.9	75	70	-1	E	1	b	*	90	68	—	*	—
	Perpignan...	29.98	81	Str	2	bc	30.13	+1.4	77	68	+8	Str	2	b	*	89	69	—	*	—
SPAN. PEN.	Corunna...																		*	—
	Lisbon...																		*	—
	Azores (P. Delgada)...	30.25	62	NW	3	b	30.26	+1.3	66	59	-3	2	o	b	2	72	59	b	*	—
	„ (Horta)...	30.28	62	NW	1	bc	30.27	+0.9	63	58	+2	2	o	bc	0	70	59	—	*	—

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR *Wednesday, 13<sup>th</sup> July, 1904.*

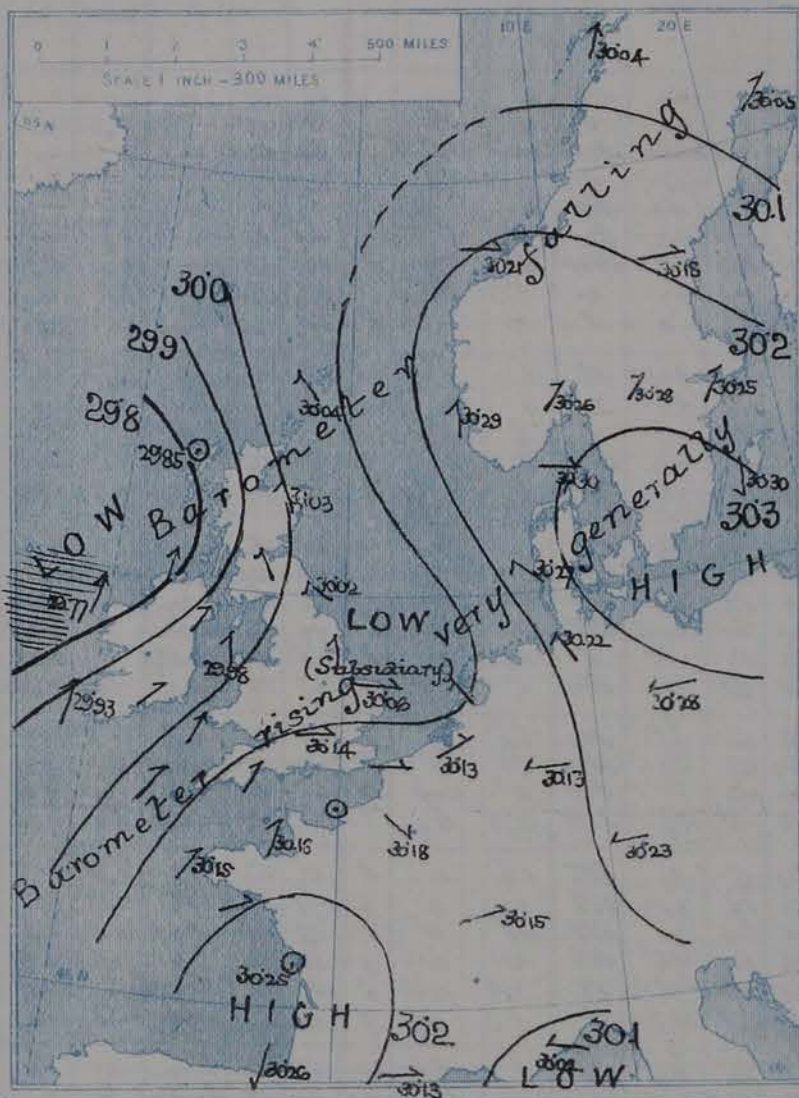
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

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

SEA.—Rough High



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

TEMPERATURE.—Isotherms are drawn for each 10°.

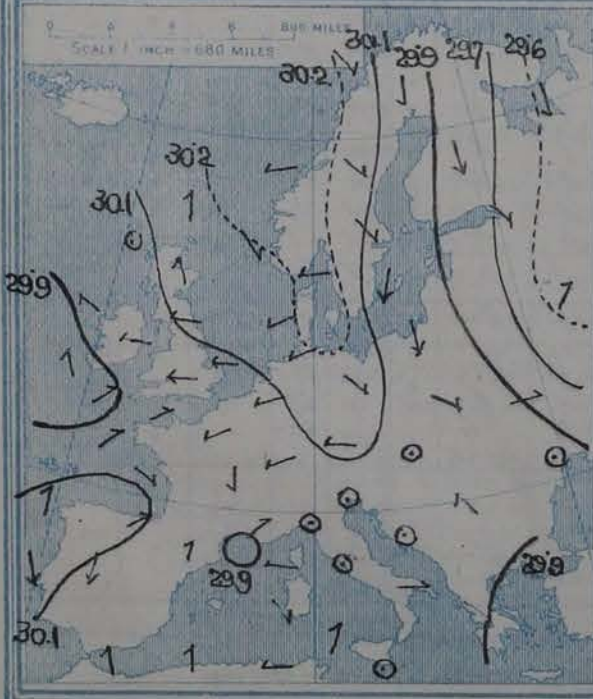
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. A.)

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



## III. BAROMETER AND WIND

*Yesterday morning.*



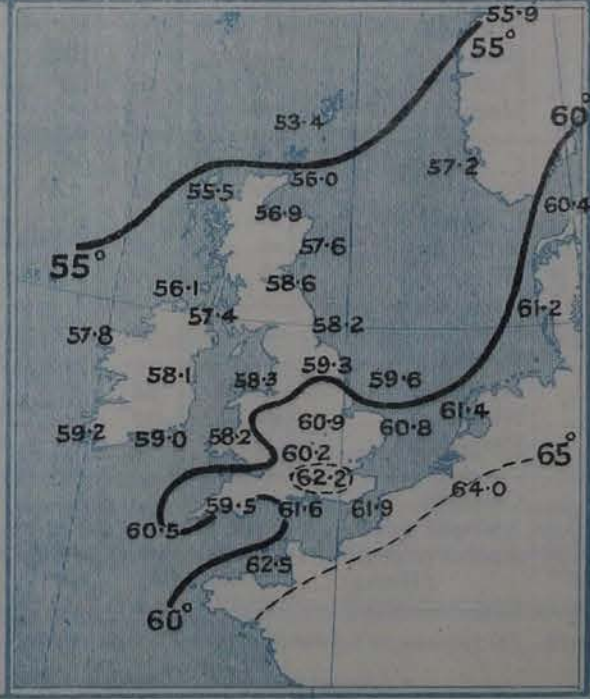
## IV. LAST WEEK'S RAINFALL.

Amount recorded  
in various districts of the United Kingdom  
during the week ended SAT. 9<sup>th</sup> JULY.  
with the percentage of the average amount  
for the corresponding week.



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Month of  
*JULY. (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The depression noticed yesterday over our extreme western and south-western districts, and the shallow secondary system over France are both moving northwards. The former disturbance is at present lying off our north-west coasts (in which region the barometer stands below 29.8 ins.), while the latter is situated over the southern part of the North Sea, and is apparently dispersing. In the rear of the two systems the barometer is rising at our southern and the French stations, a new anticyclone having spread from the south-westward over the Bay of Biscay and the west of France. The highest pressures, 30.3 ins. and upwards, are, however, at present reported over the Baltic and the adjacent parts of Denmark and Sweden.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light to moderate from the S.W. over all the more southern parts of the United Kingdom, but from the S.E. over the North Sea and the northern parts of Great Britain; in the north of Ireland it blows strongly from the S. Over Central and Southern France the wind is light and variable; in Germany it is chiefly from the E. Temperature has risen in the north and east of our Islands, but fallen in the west and south. Over the United Kingdom generally the readings are still above the average, the thermometer at present ranging from 70° at Dungeness, 68° at Clacton-on-Sea, and 66° in London and at Leith to 55° or rather less on the north and north-east coasts of Scotland. The highest Continental values reported are 77° at Perpignan, 75° at Nice and 70° at Frankfurt, while the lowest are 50° at Bodo and 56° at Haparanda; over a considerable portion of Scandinavia the readings are above 60°. The weather is again fine over Western Europe as a whole, but is dull in Scotland, and showery in the north of Ireland, as well as at one or two of the English stations. The sea is rather rough at Blackhead Point and moderate on the Irish coasts generally, but slight or smooth elsewhere.

During yesterday the thermometer rose to 75° and upwards at many of the English stations, and to 80° at Oxford. The amount of Bright Sunshine was again large in the South, and also at Stornoway, where more than 14 hours were recorded; elsewhere the amount was only moderate. Thunderstorms have occurred in many parts of England, and rain has fallen in all but the extreme northern parts of the Kingdom.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A depression now lying off our north-west coasts is likely to be followed shortly by other disturbances advancing from the Atlantic, and a continuance of showery weather is therefore anticipated in the west and north. The shallow secondary system over the North Sea will gradually disperse, and the anticyclonic areas over France and Northern Europe are likely to unite. Under the influence of the combined system fair weather is again probable in the east and south parts of the Kingdom.

## FORECASTS\*

For the 24 hours ending at NOON on 14<sup>th</sup> July, 1904.

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	S <sup>ly</sup> and S.E <sup>ly</sup> winds, moderate; changeable,
1	SCOTLAND EAST	some showers, thunder locally.
2	ENGLAND N.E.	S <sup>ly</sup> winds, light; local thunder showers at first, then fair.
3	ENGLAND EAST	Light breezes, chiefly S.W. <sup>y</sup> , fair, warm.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

6	SCOTLAND WEST	S <sup>ly</sup> winds, fresh; changeable, some showers, thunder locally.
7	ENGLAND N.W.	S <sup>ly</sup> and S.W. <sup>y</sup> winds, moderate; fair at first, some showers later.
8	ENGLAND S.W.	Same as No. 6.
9	IRELAND NORTH	
10	IRELAND SOUTH	
WARNINGS		None issued.

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	76	52	c. b. c	11.7	0.03	Hastings ... ..	*	*	*	11.4	*
Southport, to 9 p.m....	78	53	b. o. b. l. c. o	11.3	—	Broadstairs, to 6 p.m....	*	*	*	11.5	*
Rhyl, to 6 p.m. ....	*	*	*	10.1	*	Margate, to 7 p.m. ....	67	59	b. o	12.0	—
Llandudno ... ..	*	*	*	9.2	*	Lowestoft, to 6 p.m....	65	56	b. b. c	11.2	—
Bettws-y-Coed, to 6 p.m....						Skegness ... ..	*	*	*	7.8	*
Aberystwyth, to 6 p.m. ...	71	62	c. f. o	4.3	0.07	Scarborough, ... ..	62	*	*	0.0	*
Plymouth, to 9 p.m....						Harrogate, to 6 p.m. ...	74	48	c. b. c	9.4	—
Bournemouth, to 6 p.m. ...	72	59	*	9.0	*	Manchester, to 9 p.m. ...	77	56	b. b. f. b. c	9.5	0.02
Worthing ... ..	*	*	*	9.7	*	Darwen, to 9 p.m. ...	72	51	b. o. f. b. l.	10.6	0.04
Brighton, ... ..	*	*	*	10.5	*	Birmingham, to 9 p.m. ...	78	53	a. b. o	7.8	—
Eastbourne, to 6 p.m. ...			*	12.3	*						

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

STATIONS. 12 JULY 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	66	52	b	—	Rome ... ..	92	72	c, b. c	—
St. Petersburg ... ..	61	52	c, o	0.12	Naples ... ..	88	72	c, b	—
Moscow ... ..	?	?	c, r.	0.12	Malta ... ..	83	72	b. c	—
Cracow ... ..	72	54	b. b. c	—	11 <sup>th</sup> JULY				
Flushing ... ..	73	57	b	—	Geneva ... ..	81	*	b	Measured 7 a.m.
Aix-la-Chapelle ... ..	?	?	b, b. c	—	Berne ... ..	81	*	b. c	—
Vienna ... ..	79	59	b	—	Lucerne ... ..	81	*	b	—
Buda Pesth ... ..	82	61	b	—	Castasegna ... ..	79	*	b	—
Hermanstadt ... ..	79	46	c, b	—	Lugano ... ..	86	*	b	0.12
Florence ... ..	97	69	b. c, b	—			*		

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

13 <sup>th</sup> JULY 1904	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.46	11.58	8.11
Greenwich ... ..	3.59	12.5	8.12
Wick ... ..	3.27	12.17	9.8
Valencia ... ..	4.37	12.46	8.56

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, 83, Victoria Street, S.W., either personally or by post.

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

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



# DAILY WEATHER REPORT

for 8 a.m. on THURSDAY JULY 14<sup>TH</sup> 1904.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sun- shine Hours	Rainfall. Ins.	
At 82° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	At 82° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°													
SCANDINAVIA.	Haparanda...	29.90	56	SE	2	0	29.83	-22	62	53	+6	N	4	b	*	64	46	-	*	-	
	Hernösand...	30.04	61	S	2	0	30.06	-12	65	54	+3	N	1	b	*	81	45	-	*	-	
	Stockholm...	30.17	66	2	0	0	30.19	-06	68	56	+4	SE	6	b	*	77	50	-	*	-	
	Wisby...	30.25	62	WSE	4	0	30.30	0.0	66	58	+4	N	2	b	*	66	50	-	*	-	
	Karlstad...	30.21	67	WSE	2	0	30.21	-07	65	55	+3	SE	2	b	*	*	*	-	*	-	
	Färder (X'ania Fjord)	30.20	63	SE	4	0	30.19	-07	65	61	+4	SE	2	b	*	65	61	-	*	-	
	Bodö...	29.94	51	SE	6	0	29.94	-10	51	50	+1	SE	2	0	2	52	48	-	*	0.95	
	Christiansund...	30.12	59	N	2	0	30.04	-14	60	54	0	SE	1	b	1	60	50	-	*	-	
Skudesnaes...	30.22	62	S	4	0	30.12	-14	60	56	+4	SE	2	b	3	63	55	-	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.92	56	SE	4	0	29.96	-08	54	53	+1	SE	1	c	3	59	49	0.0	*	-	
	Stornoway...	29.87	59	SE	4	0	29.82	-05	59	54	-2	SE	3	0	3	62	51	0.0	2.9	0.15	
	Malin Head...	29.93	60	WSE	1	0	29.78	+01	59	55	-1	S	6	0	3	63	54	0.0	*	0.02	
	Blacksod Pt. ...	29.85	59	S	8	0	29.68	-09	58	59	+1	SE	9	0	6	62	54	0.0	*	0.38	
	Valencia...	29.93	57	SE	5	0	29.72	-21	59	55	-1	SE	6	0	5	63	55	0.0	7.2	0.73	
	Roche's Point...	30.04	60	SE	4	0	29.90	-07	59	58	-1	SE	6	0	5	63	58	0.0	*	0.05	
	Parsonstown...	29.98	64	E	2	0	29.86	-07	59	56	-1	N	3	0	*	69	55	0.0	10.3	0.06	
	Donaghadee...	30.00	65	SE	3	0	29.96	+05	59	55	-1	SE	3	0	2	69	55	0.0	*	0.01	
	Liverpool Obsy...	30.08	69	N	3	0	30.04	+01	66	58	+2	N	2	0	1	74	58	0.0	*	-	
	Holyhead...	30.09	60	SE	4	0	30.02	+04	59	59	-1	SE	4	0	3	69	54	0.0	*	-	
	Pembroke (St Ann's)	30.11	59	SE	4	0	30.03	0.0	58	56	-2	SE	5	0	4	63	59	0.0	10.2	-	
	Scilly (St. Mary's)	30.13	66	WSE	2	0	30.03	+02	62	59	-1	SE	3	0	2	68	58	0.0	8.4	-	
	Jersey (St. Aubins)	30.19	70	ESE	2	0	30.13	-05	67	63	+3	S	2	0	2	72	60	0.0	11.5	-	
	Portland Bill...	30.18	60	SE	2	0	30.14	-01	63	60	+3	E	1	0	1	66	59	0.0	*	-	
	Dungeness...	30.15	64	WSE	2	0	30.16	+05	62	60	-8	N	2	0	1	71	52	0.0	15.0	-	
	Wick...	29.93	60	S	1	0	29.90	-03	56	54	+2	S	2	0	2	63	48	0.0	*	0.03	
Nairn...	29.92	69	ESE	3	0	29.90	-02	62	55	+2	SE	2	0	1	72	49	0.0	*	0.02		
Aberdeen...	29.96	65	SE	3	0	29.97	-06	61	54	+6	SE	3	0	2	67	53	0.0	5.1	0.02		
Leith...	29.99	66	SE	2	0	29.99	+04	66	59	0	S	1	0	*	74	55	0.0	*	-		
North Shields...	30.05	74	SE	3	0	30.02	0.0	66	60	+5	SE	2	0	2	77	59	0.0	*	-		
Spurn Head...	30.08	68	SE	2	0	30.10	+04	66	63	+4	WSE	3	0	2	70	59	0.0	*	-		
Yarmouth...	30.11	67	NE	2	0	30.11	+05	69	61	+4	N	3	0	3	75	60	0.0	*	-		
Clacton-on-Sea...	30.13	68	S	2	0	30.14	+03	68	63	0	S	1	0	1	77	58	0.0	13.2	-		
Nottingham...	30.09	73	WSE	1	0	30.09	+02	67	61	+2	S	2	0	*	78	58	0.0	10.0	-		
Bath...	30.12	71	SE	3	0	30.11	-01	65	60	+1	S	2	0	*	75	58	0.0	10.0	-		
Oxford...	30.14	68	SE	1	0	30.14	+01	62	59	-2	SE	1	0	*	77	56	0.0	*	-		
London (Brixton)...	30.13	75	WSE	2	0	30.13	-01	67	61	+1	SE	1	0	*	79	55	0.0	13.0	-		
GERMANY, &c.	The Scaw (Skagen)																				
	Fanö...	30.21	60	SE	4	0	30.17	-10	64	58	+1	SE	3	0	*	73	59	0.0	*	-	
	Cuxhaven...	30.15	72	E	3	0	30.15	-07	63	59	+3	S	2	0	*	73	59	0.0	*	-	
	The Helder...	30.12	65	N	1	0	30.13	+07	68	64	+2	WSE	1	0	*	72	59	0.0	*	-	
	Brussels...	*	*	*	*	*	30.20	+07	71	63	+8	E	1	0	*	79	56	0.0	*	-	
	Berlin...	30.23	72	E	3	0	30.23	-05	66	56	+2	E	2	0	*	82	59	0.0	*	-	
	Frankfurt...	30.15	72	S	2	0	30.18	+05	70	68	0	E	3	0	*	82	59	0.0	*	0.20	
	Munich...	30.23	67	E	2	0	30.25	+02	66	59	+1	SE	2	0	*	79	55	0.0	*	-	
FRANCE.	C. Gris Nez...	30.16	66	SE	2	0	30.16	+04	65	61	+3	SE	1	0	1	70	59	0.0	*	?	
	Brest...	30.20	67	SE	3	0	30.11	-04	62	61	0	SE	2	0	2	70	59	0.0	*	-	
	Lorient...	30.21	73	N	3	0	30.09	-09	63	61	-2	E	2	0	2	77	59	0.0	*	-	
	Rochefort...	30.16	71	WSE	4	0	30.10	-15	67	63	0	NE	3	0	2	79	61	0.0	*	-	
	Biarritz...	30.18	73	WSE	4	0	30.14	-12	71	69	+4	E	2	0	0	77	64	0.0	*	-	
	Paris...	30.17	77	WSE	2	0	30.17	-01	68	62	-1	WSE	1	0	*	84	59	0.0	*	-	
	Belfort...	30.13	70	ESE	4	0	30.17	+02	62	62	-1	ESE	3	0	*	78	58	0.0	*	-	
	Lyons...	30.13	79	WSE	1	0	30.16	-04	71	64	+3	ESE	1	0	*	86	64	0.0	*	-	
Nice...	30.08	78	2	0	0	30.10	+08	79	69	+4	2	0	0	1	88	68	0.0	*	-		
Perpignan...	30.09	78	SE	2	0	30.12	-01	74	67	-3	2	0	0	*	92	66	0.0	*	-		
SPAN. PEN.	Corunna...																				
	Lisbon...	30.13	65	N	5	0	30.12	-05	69	62	+2	WSE	4	0	*	79	61	0.0	*	-	
	Azores (P. Delgada)...	30.19	67	SE	4	0	30.08	-19	68	67	+5	SE	5	0	2	72	63	0.0	*	0.22	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR *Thursday, 14<sup>th</sup> July, 1904.*

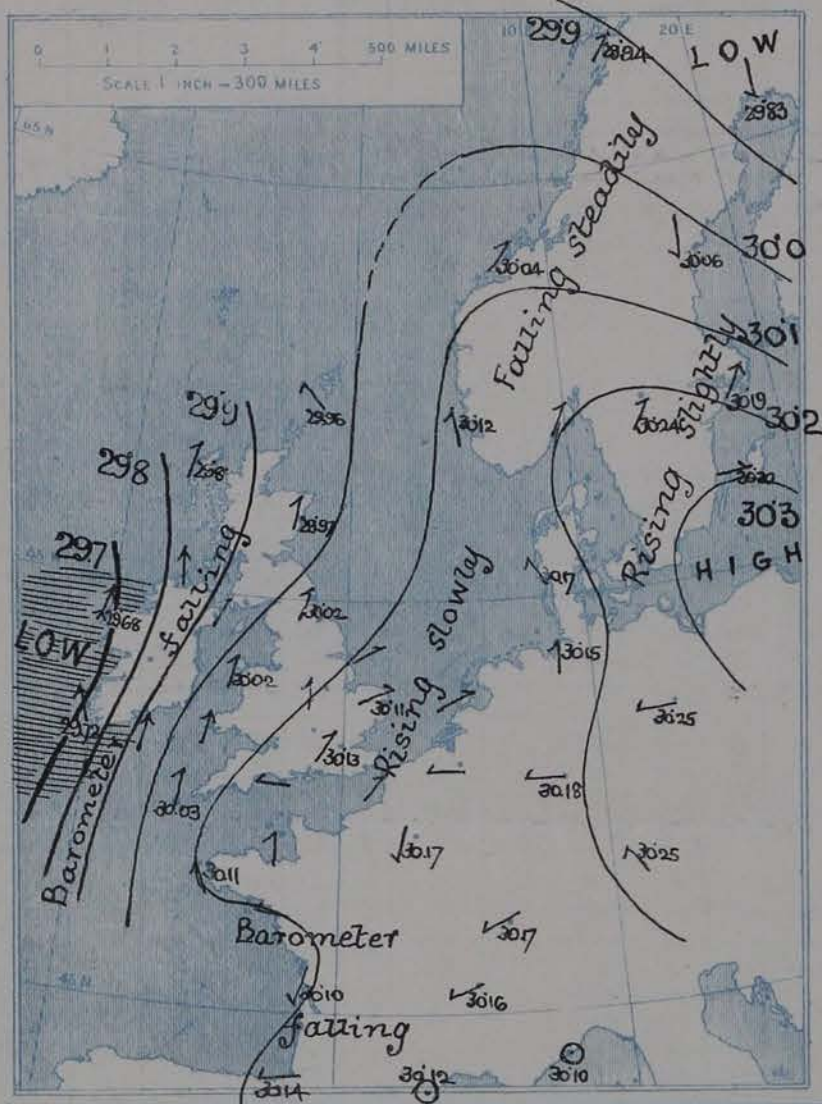
## I. BAROMETER, WIND AND SEA. *This Morning.*

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°.

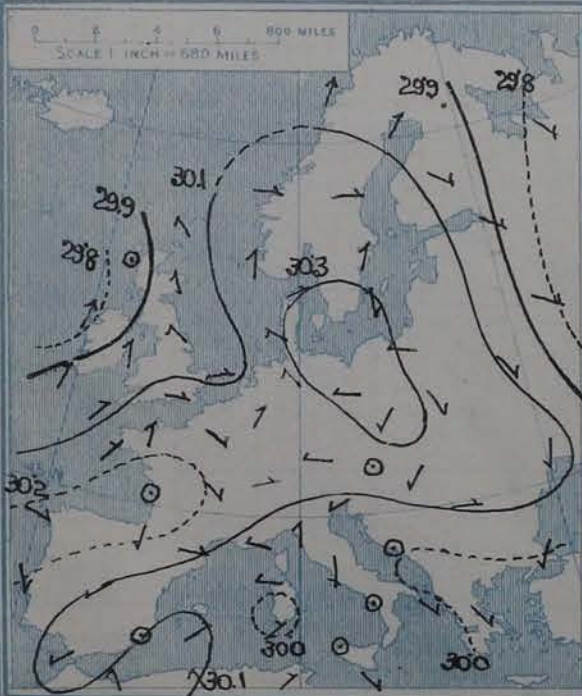
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.*



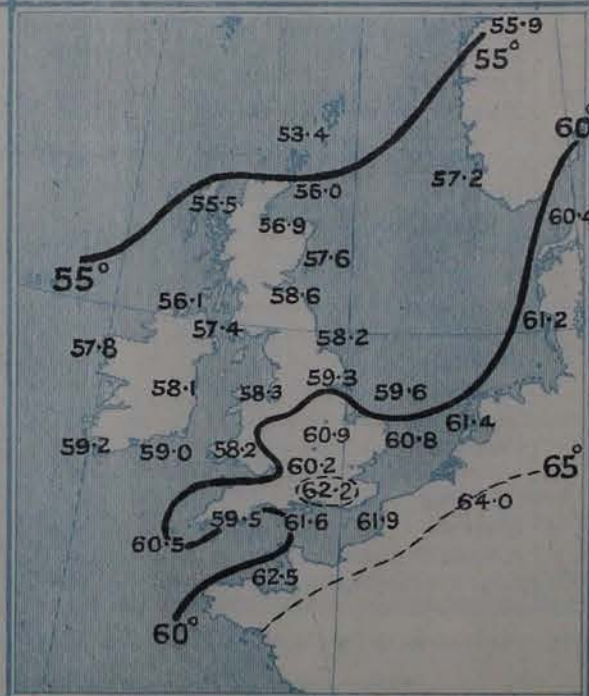
## IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended SAT. 9<sup>th</sup> JULY, with the percentage of the average duration for the corresponding week.



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Month of JULY. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The barometer remains highest, 30.3 ins. and upwards, over the Baltic; but is high, 30.1 ins. and upwards, in an anticyclone covering the whole of Western and Central Europe and extending westward over the south and east of England. A rather deep depression is, however, approaching the Irish coasts, the barometer in the west of that country being below 29.7 ins. and the mercury is falling in the west and north of these Islands generally, the gradient being already steep over Ireland. A small secondary disturbance is apparently forming over the Bay of Biscay, in which region the barometer is also falling rather decidedly.

### WIND

The wind is S<sup>W</sup> or S.W<sup>W</sup> over the greater part of North-western Europe, and, under the influence of the advancing depression, is strong in force on the Irish coasts, with a gale at Blackhead Point. In France and Germany light breezes from the E<sup>W</sup> are reported. Temperature has risen over Great Britain and the northern parts of the Continent, and is high over Western Europe generally. Over Eastern and Central England the morning readings are above 65°, the highest reported being 68° at Chelton-on-Sea.

### TEMPERATURE

On the Continent the highest values are 79° at Nice, 74° at Perpignan and 71° at Brussels and Biarritz, readings of 65° or rather more being reported at several of the Swedish stations. In Ireland and the west and north of Scotland the readings are below 60°. The weather is fine over the greater part of our area, but the approaching disturbance in the west is causing rain at many of the Irish stations.

### WEATHER

The sea is slight or smooth generally, but is rough, or rather so, on the west and south coasts of Ireland.

### AND

### SEA

During yesterday the thermometer rose to 75° and upwards at many of the English stations, and to 80° at Lowestoft. On many parts of our western coasts it failed to reach 65°. The amount of bright sunshine was again large in most places, between 12 and 13 hours being reported at many of the English stations, and as many as 15.4 hours at Hastings and 15.0 hours at Littlestone-on-Sea. Rain has fallen in Ireland and the west and north of Scotland; lightning was seen at night at Blackhead Point and Biarritz. A shock of earthquake was experienced at Lyons yesterday at 3.13 p.m.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which is approaching the Irish coasts will probably travel northwards. An increase of wind from the S<sup>W</sup> is anticipated in the west and north generally, with gales in Ireland and the west of Scotland. A small secondary disturbance which is forming over the Bay of Biscay will also move northwards, and occasion thundery weather over England. Rain is probable over the United Kingdom generally.

## FORECASTS\*

For the 24 hours ending at NOON on 15<sup>th</sup> July, 1904

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S <sup>W</sup> winds, increasing in force; fair at first, then dull and rainy.	6 SCOTLAND WEST	S <sup>W</sup> winds, increasing to a gale; squally, rainy.
1 SCOTLAND EAST	S <sup>W</sup> winds, freshening; fine at first, some rain later, thunder in places.	7 ENGLAND N.W.	S <sup>W</sup> winds, freshening considerably; cloudy, some rain, thunder in places.
2 ENGLAND N.E.	S.W <sup>W</sup> to S.E <sup>W</sup> winds, light; fine at first, becoming close and unsettled later, with thunderstorms in most places.	8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	S <sup>W</sup> to S.W <sup>W</sup> gales, and strong winds; squally and rainy at first, some improvement later.
4 MIDLAND COUNTIES	Light winds from between S. and E; fair at first, becoming unsettled later, with thunderstorms in most places.	10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	
		At 9.40 a.m. to districts 6, 10 and parts of 0 and 9, Hoist South Cone.	

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	72	?	c. b. c	10.7	—	Hastings ... ..	*	*	*	15.4	*
Southport, to 9 p.m....	72	58	cl. o. c. o	11.5	0.10	Broadstairs, ... ..	*	*	*	12.9	*
Rhyl, to 6 p.m. ... ..	*	*	*	10.5	*	Margate, to 7 p.m. ...	75	62	cl. b. o. v	12.6	0.16
Llandudno ... to 6 p.m. ...	*	*	*	8.0	*	Lowestoft, to 6 p.m....	80	59	cl. b. c. b. c	10.3	—
Bettws-y-Coed, to 6 p.m....	70	58	c. b. c	7.9	*	Skegness ... ..	*	*	*	12.2	*
Aberystwyth, to 6 p.m. ...	66	59	o. c	9.4	—	Scarborough, ... ..	77	*	*	8.5	*
Plymouth, to 9 p.m....	68	60	bc, bc, o. u	8.3	—	Harrogate, to 6 p.m. ...	74	55	c. cl. t. c. b. c	7.9	0.20
Bournemouth, ... ..	72	59	*	12.2	*	Manchester, to 9 p.m. ...	75	60	bc. t. b	12.5	0.11
Worthing ... ..	*	*	*	12.4	*	Darwen, to 9 p.m. ...	70	55	b. c. b. c	8.5	0.25
Brighton, ... ..	69	*	*	14.0	*	Birmingham, to 9 p.m. ...	76	58	c. b. c	11.0	1.02
Eastbourne, to 6 p.m. ...	69	*	*	13.6	*						

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

STATIONS. 13 <sup>th</sup> JULY 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	68	55	b	—	Rome ... ..	102	72	b, bc	—
St. Petersburg ... ..	59	50	o, b	—	Naples ... ..	88	71	b	—
Moscow ... ..	?	?	o, r	0.12	Malta ... ..	86	73	b	—
Cracow ... ..	70	48	bc, b	—	Geneva ... 12 JULY	79	*	o	Measured 7 a.m.
Flushing ... not recd...	?	?	c	—	Berne ... ..	81	*	c	—
Aix-la-Chapelle ... ..	?	?	b	—	Lucerne ... ..	73	*	o	—
Vienna ... ..	79	59	b	—	Castasegna ... ..	77	*	c	—
Buda Pesth ... ..	86	64	b	—	Lugano ... ..	90	*	b	—
Hermanstadt ... ..	77	46	b, c	—					
Florence ... ..	94	68	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.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	14 <sup>th</sup> JULY 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.	Yarmouth ... ..	3.47	11.59	8.10
Holland ... ..	8 a.m. ( " )	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ... ..	4.0	12.6	8.11
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ... ..	3.29	12.18	9.6
France ... ..	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia ... ..	4.38	12.47	8.55
Spain ... ..	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ... ..	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on **FRIDAY, JULY 15<sup>TH</sup>** 1904.

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.		Weather	Sun- shine Hours.	Rainfall. Ins.
	At 32° and M.S.L.	Dry Bulb.	Dir.			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)				Max.	Min.			
	Ins.	°				Ins.	Ins.	°	°	°						°	°			
SCANDINAVIA	Haparanda...	29.79	61	hr	2	b	29.88	+0.5	63	52.4	+1	6	4	bc	*	72	55	—	*	—
	Hernösand...	29.99	58	z	0	b	30.00	-0.6	65	56	0	2	0	m	*	72	54	—	*	—
	Stockholm...	30.11	63	sh	2	b	30.11	-0.8	71	59	+3	hr	2	b	*	79	59	—	*	—
	Wisby...	30.19	61	sh	4	b	30.15	-1.5	67	59	+1	2	0	b	*	73	57	—	*	—
	Karlstad...	30.09	69	sh	2	b	30.08	-1.3	63	57	-2	sh	2	bc	*	—	—	—	*	—
	Færder (X'ania Fjord)	30.09	64	z	2	o	30.04	-1.5	61	59	-4	z	2	o	1	66	61	—	*	—
	Bodö...	29.90	51	sh	8	o	29.92	-0.2	53	49	-1	sh	6	o	3	52	48	—	*	0.20
	Christiansund...	30.03	59	sh	1	c	29.91	-1.3	60	57	0	sh	1	o	1	61	55	—	*	0.04
BRITISH ISLANDS.	Skudesnaes...	30.04	59	z	2	b	29.98	-1.4	60	58	0	sh	2	b	3	64	59	0.6	*	*
	Sumburgh Head	29.83	55	SE	3	o	29.78	-1.8	57	52.4	+3	sh	4	c	4	61	51	6.0	*	—
	Stornoway...	29.64	57	SE	3	+	29.55	-2.7	52	51	-5	z	3	+	3	59	51	0.4	2.6	0.11
	Malin Head...	29.57	61	sh	8	og	29.56	-2.2	52	52	-5	hr	2	+	2	64	50	0.09	*	0.44
	Blacksod Pt. ...	29.61	57	sh	9	cg	29.58	-1.0	57	52	-1	sh	4	bc	5	58	52	0.09	*	0.51
	Valencia...	29.75	57	z	3	om	29.64	-0.8	52.4	53	-3	z	0	tg	3	61	53	om.4	2.7	0.15
	Roche's Point...	29.84	59	sh	5	+	29.66	-2.4	58	58	-1	sh	3	tm	3	61	53	om.4	*	0.98
	Parsonstown...	29.78	60	hr	1	c	29.63	-2.3	59	57	0	hr	1	og	*	64	56	c.4	0.5	0.37
GERMANY, &c.	Donaghadee...	29.80	60	sh	6	cg	29.63	-3.3	56	56	-1	sh	3	+	4	60	53	cg.og	*	0.27
	Liverpool Obsy...	29.94	69	sh	2	o	29.79	-2.5	61	59	-5	sh	3	op	3	75	60	bc.4	*	0.01
	Holyhead...	29.91	60	sh	6	cm	29.74	-2.8	57	56	-2	sh	7	+	5	64	53	cm.4	*	0.21
	Pembroke (St Ann's)	29.95	59	sh	5	c	29.78	-2.5	59	58	+1	z	7	op	6	62	58	—	4.2	0.12
	Scilly (St. Mary's)...	29.96	64	z	5	ot	29.82	-2.1	62	60	0	sh	5	o	5	65	59	0.04	5.7	0.02
	Jersey (St. Aubins)...	30.08	70	sh	3	c	29.97	-1.6	68	64	+1	sh	2	bc	2	74	64	bc.og	11.8	—
	Portland Bill...	30.08	62	sh	2	c	29.93	-2.1	63	60	0	sh	2	c	2	66	58	c	—	—
	Dungeness...	30.05	66	sh	2	b	29.94	-2.2	64	62	+2	sh	2	cg	1	70	60	b	13.8	—
FRANCE.	Wick...	29.74	56	sh	3	c	29.61	-2.9	55	55	-1	sh	3	+	2	65	53	—	*	0.15
	Nairn...	29.75	63	hr	3	c	29.59	-3.1	58	52.4	-4	hr	3	o	1	69	52	—	*	0.03
	Aberdeen...	29.85	60	sh	3	o	29.71	-2.6	56	52.4	-5	sh	3	+	3	66	53	bc.og	4.1	0.02
	Leith...	29.87	64	sh	1	c	29.69	-3.0	60	58	-6	z	1	+	*	67	59	—	*	0.02
	North Shields...	29.90	73	sh	3	o	29.79	-2.3	61	60	-5	z	3	+	2	76	61	0.4	*	0.02
	Spurn Head...	30.03	63	sh	4	c	29.92	-1.8	64	62	-2	z	3	c	2	78	60	—	*	—
	Yarmouth...	30.02	69	sh	3	b	29.94	-1.7	66	63	-3	sh	2	bc	2	70	63	b	—	—
	Clacton-on-Sea...	30.04	66	sh	2	bc	29.95	-1.9	67	63	-1	sh	2	c	2	70	63	bc.4	13.0	—
SPAN. PEN.	Nottingham...	29.99	75	sh	1	c	29.91	-1.8	66	60	-1	z	1	o	*	78	60	c	11.0	—
	Bath...	30.03	69	sh	3	b	29.90	-2.1	68	60	+3	z	1	o	*	73	60	—	13.0	—
	Oxford...	30.03	67	sh	2	c	29.93	-2.1	66	60	+4	z	2	o	*	76	60	c	*	—
	London (Brixton)...	30.03	74	sh	2	c	29.92	-2.1	71	63	+4	z	0	c	*	81	60	bc.c	9.7	—
	The Scaw (Skagen)...	30.10	63	z	3	bc	30.07	-1.3	62	60	-1	hr	2	b	0	75	61	—	*	—
	Fanö...	30.13	66	sh	2	o	30.10	-0.7	68	64	+4	z	2	o	*	73	59	—	*	—
	Cuxhaven...	30.15	69	z	0	o	30.12	-0.3	69	66	+6	sh	2	o	*	70	61	—	*	—
	The Helder...	30.07	68	z	0	b	29.99	-1.4	76	67	+8	sh	1	bc	0	76	63	—	*	—
GERMANY, &c.	Brussels...	*	*	*	*	*	30.06	-1.4	79	67	+8	sh	3	bc	*	85	64	—	*	—
	Berlin...	30.12	79	z	0	b	30.13	-1.0	69	60	+3	sh	2	c	*	91	64	—	*	—
	Frankfurt...	30.12	71	hr	2	b	30.13	-0.5	70	67	0	sh	2	b	*	82	64	—	*	—
	Munich...	30.22	66	sh	3	c	30.25	0.0	66	62	0	sh	2	bc	*	77	59	—	*	0.04
	C. Gris Nez...	30.07	73	NE	2	b	29.95	-2.1	68	64	+3	sh	1	bc	1	73	63	—	*	—
	Brest...	30.04	65	z	2	o	29.95	-1.6	62	60	0	sh	2	o	3	68	61	—	*	—
	Lorient...	30.04	72	z	0	c	29.98	-1.1	67	64	+4	hr	2	bc	4	77	63	—	*	—
	Rochefort...	30.04	84	hr	1	b	29.98	-1.2	71	68	+4	z	0	b	*	84	67	—	*	—
FRANCE.	Biarritz...	30.03	88	NE	3	b	30.09	-0.5	72	69	+1	z	0	o	1	91	71	bc.4	*	—
	Paris...	30.06	84	SE	2	b	30.04	-1.3	74	65	+6	z	2	b	*	88	62	—	*	—
	Belfort...	30.05	77	SE	3	c	30.10	-0.7	69	64	+7	sh	2	m	*	85	62	—	*	—
	Lyons...	30.07	85	SE	1	b	30.13	-0.3	78	67	+9	z	1	b	*	90	63	—	*	—
	Nice...	30.10	74	sh	1	b	30.13	+0.3	76	68	-3	z	0	b	1	88	68	—	*	—
	Perpignan...	30.06	80	E	2	b	30.10	-0.2	73	68	-1	sh	1	o	*	88	64	—	*	—
	Corunna...	30.08	67	hr	4	b	30.08	-0.4	66	61	-3	hr	3	b	*	79	61	—	*	—
	Lisbon...	30.08	67	hr	4	b	30.08	-0.4	66	61	-3	hr	3	b	*	79	61	—	*	—
SPAN. PEN.	Azores (P. Delgada)...	29.99	68	sh	5	o	29.94	-1.4	64	63	-4	NE	3	+	3	72	64	—	*	0.95
	„ (Horta)...	29.99	68	sh	5	o	29.94	-1.4	64	63	-4	NE	3	+	3	72	64	—	*	0.95

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

\* Observations for this column not generally received.

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






# WEATHER CHARTS

FOR *FRIDAY, 15<sup>TH</sup> JULY, 1904.*

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

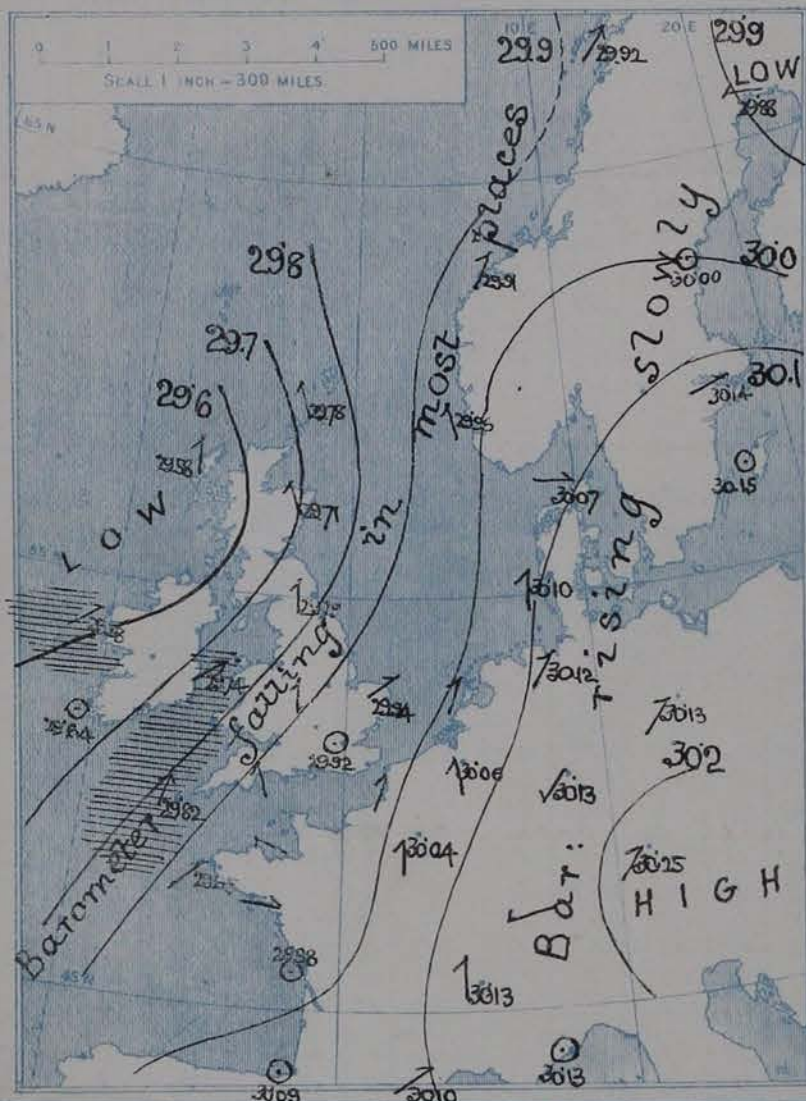
BAROMETER.—Isobars are drawn for each tenth of an inch.

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 

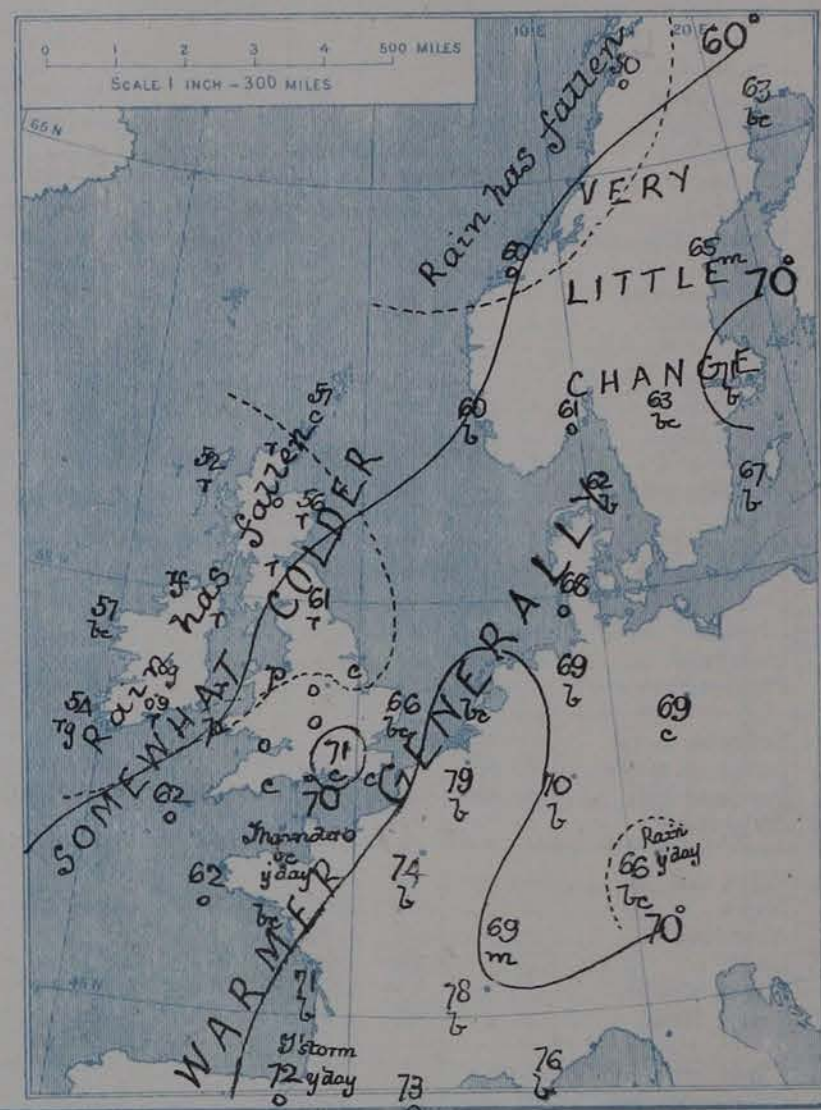


## II. TEMPERATURE AND WEATHER. *This Morning.*

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. RAINFALL IN 1904.

Total Amount recorded in various districts of the United Kingdom in the 27 weeks ended Saturday 9<sup>TH</sup> JULY with the percentage of the average amount for the corresponding period.



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Month of JULY. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The depression which was approaching our western coasts yesterday is now travelling slowly northwards, the lowest barometer readings, 29.6 ins. and less, being at present reported in the west of Scotland and the north of Ireland. The mercury is, however, still falling in most parts of Western Europe, and over France and the Bay of Biscay there are indications of the existence of small and very shallow secondary disturbances. A large anticyclone still covers the central parts of the Continent, the highest pressures, 30.2 ins. and upwards, being at present found over Bavaria.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is S<sup>W</sup> (S.E.<sup>W</sup> to S.W.<sup>W</sup>) over North-western Europe generally, and although light to moderate in force in most places, it blows a slight gale in the St. George's Channel. Over the southern parts of France calms or light variable airs are reported. Temperature has risen over France, Germany, the Netherlands and the south of England, and is now above 70° in many places, including London, where the thermometer stands at 71°; the highest morning readings reported are 79° at Brussels, 78° at Lyons, and 76° at the Helder and Nice. Over Ireland and all the more northern parts of Great Britain the thermometer has fallen, the readings being now below 60° in most places, at Stormoway and Malin Head the thermometer is as low as 52°. Rain is falling at nearly all stations in the western and northern parts of the United Kingdom, but in the south and east of England and on the Continent the weather remains fine. The sea is rough on many parts of our western coasts, but is slight or moderate elsewhere.

During yesterday the thermometer rose to 75° and upwards over the eastern and central parts of England generally, and to 81° in London. On our western and extreme northern coasts it did not reach 65°. The amount of bright sunshine was small in the west and north, but large elsewhere - more than 12 hours in many places, and as much as 14.0 hours at Broadstairs. The rainfall in the west and north has been generally slight, but has amounted to 0.9 inch at Roche's Point. A thunderstorm has occurred at Biarritz, and thunder only at Jersey.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the west of Scotland will probably travel away shortly to the northward, and improving weather is therefore anticipated in most of our western and northern districts. Small and very shallow secondary disturbances over France may be expected to advance northwards and occasion local thunderstorms over England.

## FORECASTS\*

For the 24 hours ending at NOON on 16<sup>th</sup> July, 1904

DISTRICTS.		FORECASTS.	
0	{ SCOTLAND NORTH	{ S <sup>W</sup> to S.W <sup>W</sup> winds, moderate; rainy at first, some improvement later.	{
1	{ SCOTLAND EAST		
2	{ ENGLAND N.E.		
3	{ ENGLAND EAST		
4	{ MIDLAND COUNTIES		
5	{ ENGLAND SOUTH	{ S <sup>W</sup> winds, moderate; changeable, with occasional rain, thunder in places.	{
		{ Light breezes, chiefly S.E <sup>W</sup> ; weather mostly fair, but local thundersstorms probable to-night or early to-morrow.	{
DISTRICTS.		FORECASTS.	
6	{ SCOTLAND WEST	{	{
7	{ ENGLAND N.W.		
8	{ ENGLAND S.W.		
9	{ IRELAND NORTH		
10	{ IRELAND SOUTH		
WARNINGS		{ At Noon yesterday to districts 1, 7 and parts of 0, 8 and 9, Hoist South Cone. The signals have been lowered this morning in all districts	

Note.—The South Cone, point downwards (⏏), means that gales, or strong winds, are probable, at first from the Southward (from S. 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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	72	51	c	6.9	—	Hastings ... ..	*	*	*	13.1	*
Southport, to 9 p.m....	74	55	o.c.o	7.2	—	Broadstairs, 4.6 p.m.	*	*	*	14.0	*
Rhyl, to 6 p.m. ....	*	*	*	6.8	*	Margate, to 7 p.m. ...	80	56	b	13.0	—
Llandudno 4.6 p.m. ....	*	*	*	3.5	*	Lowestoft, to 6 p.m....	73	58	b.c. b.c.	12.2	—
Bettws-y-Coed, to 6 p.m....	70	54	c.o	3.0	—	Skegness ... ..	*	*	*	12.2	*
Aberystwyth, to 6 p.m. ...	69	63	o.c	7.3	—	Scarborough, 4.6 p.m.	77	*	*	10.5	*
Plymouth, to 9 p.m....	67	65	b.c. b.c. o.c.	6.9	0.01	Harrogate, to 6 p.m. ...	73	56	c.b.c	6.7	—
Bournemouth, ... ..	71	59	*	10.7	*	Manchester, to 9 p.m. ...	76	61	b. b.c. b.	6.6	—
Worthing ... ..	*	*	*	8.6	*	Darwen, to 9 p.m. ...	71	55	b.c	6.3	—
Brighton, ... ..	71	*	*	10.2	*	Birmingham, to 9 p.m. ...	74	58	c.b. c.o	7.7	—
Eastbourne, to 6 p.m. ...	70	*	*	10.0	*						

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

STATIONS. 14 <sup>th</sup> JULY 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Reports not recd					Rome Reports not recd				
Copenhagen ... ..					Naples ... ..				
St. Petersburg ... ..					Malta ... ..				
Moscow ... ..									
Cracow ... ..					Geneva 13 <sup>th</sup> JULY	1 p.m.		1 p.m.	Measured
Flushing ... ..					Berne ... ..	75	*	b.c	7 a.m. 0.43
Aix-la-Chapelle ... ..					Lucerne ... ..	73	*	o	0.08
Vienna ... ..					Castasegna ... ..	72	*	o	0.16
Buda Pesth ... ..					Lugano ... ..	72	*	o	0.12
Hermanstadt ... ..						71	*	c	—
Florence ... ..							*		

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard Time.	Corresponding Greenwich Times.	15 <sup>th</sup> JULY 1904	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium†	8 a.m. (West European)	8 a.m.	6 p.m. ‡ (W.E.T.)	6 p.m. ‡	Yarmouth ... ..	3.48	11.59	8.9
Holland ... ..	8 a.m. ( " )	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ... ..	4.2	12.6	8.10
Germany, Denmark, Norway, Sweden }	3 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ... ..	3.31	12.18	9.4
France ... ..	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia ... ..	4.39	12.47	8.54
Spain ... ..	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ... ..	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on SATURDAY JULY 16<sup>TH</sup> 1904.

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 82° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.	Weather	Sun- shine Hours	Rainfall. Ins.
	Ins.	°				Ins.	Ins.	°	°	°						°	°			
SCANDINAVIA	Haparanda...	29.89	58	hr	2	b	29.60	-28	61	56	-2	2	o	*	70	53	-	*	-	-
	Hernösand...	29.91	59	2	0	o	29.73	-27	65	55	0	4	o	*	72	54	-	*	-	-
	Stockholm...	30.02	67	hr	2	bc	29.94	-14	75	65	+4	2	bc	*	79	59	-	*	-	-
	Wisby...	30.10	67	SE	2	c	30.04	-11	73	63	+6	2	bc	*	?	52	-	*	-	-
	Karlstad...	30.00	71	3	0	o	29.89	-19	66	62	+3	2	c	*	64	61	0.7	*	0.04	-
	Færder (X'ania Fjord)	29.97	63	3	3	m	29.81	-23	63	61	+2	4	m	2	64	61	-	*	0.16	-
	Bodö...	29.86	53	ENE	2	c	29.52	-40	59	55	+4	4	bc	7	59	45	-	*	0.16	-
	Christiansund...	29.78	51	hr	1	+	29.60	-31	57	55	-3	6	+	4	72	55	-	*	0.16	-
	Skudesnaes...	29.85	60	3	6	o	29.78	-20	59	58	-1	6	o	4	61	?	0	*	-	-
BRITISH ISLANDS.	Sumburgh Head	29.51	56	3	4	o	29.63	-15	52	50	-3	5	o	5	59	50	c.o	1.9	0.17	-
	Stornoway...	29.52	55	SE	3	o	29.74	+19	55	52	+3	4	o	4	58	50	o.p	*	0.08	-
	Malin Head...	29.60	58	NE	2	bc	29.92	+36	54	51	+2	3	bc	2	59	50	c.bc	*	-	-
	Blackod Pt. ...	29.64	59	NE	4	bc	29.97	+39	53	51	0	1	bc	2	63	48	bc	*	-	-
	Valencia...	29.75	59	NE	3	bc	30.01	+37	59	55	+3	2	o	3	60	50	c.p.bc	4.4	0.09	-
	Roche's Point...	29.70	59	NE	4	o	30.04	+38	58	56	0	1	o	2	61	51	f.t.o	*	0.52	-
	Parsonstown...	29.69	54	2	0	o	30.02	+39	56	53	-3	1	o	*	60	45	o.t.o	0.0	0.66	-
	Donaghadee...	29.65	55	NE	3	+	29.96	+33	53	53	-1	2	m	2	61	50	o.t.bc	*	0.67	-
	Liverpool Obsy...	29.75	68	3	3	o	30.00	+21	60	53	-1	3	bc	3	75	58	bc.p	*	0.04	-
	Holyhead...	29.72	60	SE	7	gnd	30.00	+26	58	56	+1	2	bc	2	61	53	o.gnd	*	0.25	-
	Pembroke (St Ann's)	29.77	59	3	7	o	30.03	+25	59	55	-2	2	o	4	61	53	o.p.o	0.0	0.07	-
	Scilly (St. Mary's)	29.81	63	SE	5	o	30.04	+22	63	59	+1	1	o	3	65	59	c.o	3.0	0.01	-
	Jersey (St. Aubins)	29.97	73	hr	3	b	30.10	+13	66	63	-2	3	o	3	76	58	c.b.b	12.8	-	-
	Portland Bill...	29.96	63	SE	2	bc	30.08	+15	60	59	-3	4	c.p.d	2	66	58	bc	*	0.01	-
	Dungeness...	29.92	68	hr	3	b	30.09	+15	63	60	-1	3	c	2	71	59	b	9.7	-	-
	Wick...	29.53	60	3	1	c	29.74	+13	56	55	+1	3	c	2	62	49	-	*	0.12	-
	Nairn...	29.53	59	NE	1	c	29.79	+10	55	53	-1	1	c	1	72	48	-	*	0.05	-
GERMANY, &c.	Aberdeen...	29.60	59	3	2	o	29.83	+12	60	52	+4	3	c	2	61	47	o.t.p	0.7	0.04	-
	Leith...	29.62	63	NE	1	+	29.88	+19	62	53	+2	3	c	*	67	51	+	*	0.37	-
	North Shields...	29.68	70	hr	4	o	29.88	+19	63	56	+2	3	bc	2	74	59	-	*	-	-
	Spurn Head...	29.80	74	3	4	bc	29.96	+14	67	65	+3	4	c	3	79	61	-	*	-	-
	Yarmouth...	29.84	75	3	3	b	30.00	+16	68	62	+2	4	b	3	78	60	b	10.5	-	-
	Clacton-on-Sea...	29.90	75	NE	3	b	30.07	+12	67	64	0	3	bc	3	75	59	t.b.b	6.5	-	-
	Nottingham...	29.80	77	hr	3	bc	29.98	+17	65	60	-1	2	c	*	81	62	c.bc	6.7	-	-
	Bath...	29.90	70	hr	5	b	30.05	+15	62	60	-6	2	o	*	76	62	b	10.3	-	-
FRANCE.	Oxford...	29.90	67	3	3	b	30.03	+10	67	62	+1	3	o	*	81	60	b	10.1	-	-
	London (Brixton)...	29.90	76	NE	4	b	30.05	+13	66	62	-5	3	o	*	85	59	bc.b	10.1	-	-
	The Scaw (Skagen)	30.01	65	3	3	+	29.88	-19	65	62	+3	4	m	1	75	61	-	*	-	-
	Fanö...	30.01	77	SE	4	o	29.98	-12	69	64	+1	4	c	*	77	66	-	*	-	-
	Cuxhaven...	30.06	78	3	2	b	30.04	-18	73	67	+4	3	c	*	81	66	-	*	-	-
	The Helder...	29.91	77	hr	2	b	30.02	+23	68	63	-8	2	b	1	88	64	-	*	-	-
	Brussels...	*	*	*	*	*	30.10	+14	73	65	-6	2	b	*	93	67	-	*	-	-
	Berlin...	30.08	84	2	0	b	30.11	-12	76	65	+7	2	b	*	91	69	-	*	-	-
SPAN. PEN.	Frankfurt...	30.08	74	3	2	b	30.13	0.0	75	71	+5	2	b	*	90	61	-	*	-	-
	Munich...	30.22	72	E	1	b	30.28	+13	73	65	+7	2	o	*	82	59	-	*	-	-
	C. Gris Nez...	29.93	68	hr	3	b	30.09	+14	63	61	-5	2	b	2	79	59	-	*	-	-
	Brest...	30.04	65	3	3	bc	30.09	+14	63	61	+1	3	o	4	70	62	-	*	-	-
	Lorient...	30.02	72	hr	3	bc	30.08	+10	66	63	-1	3	o	4	77	64	-	*	-	-
	Rochefort...	30.00	71	NE	4	b	30.11	+13	67	66	-4	3	b	*	82	64	-	*	-	-
	Biarritz...	30.08	74	NE	3	c	30.16	+17	71	70	-1	2	o	2	81	68	-	*	-	-
	Paris...	29.97	86	SE	2	b	30.12	+18	71	64	-3	2	b	*	95	64	-	*	-	-
SPAN. PEN.	Belfort...	30.01	85	NE	3	b	30.14	+14	67	63	-2	2	m	*	89	59	b	*	-	-
	Lyons...	30.04	88	E	1	b	30.17	+14	73	66	-5	1	b	*	96	65	b	*	-	-
	Nice...	30.10	77	NE	2	b	30.13	0.0	81	70	+5	1	b	2	88	70	-	*	-	-
	Perpignan...	30.05	80	E	2	b	30.14	+14	69	69	-4	2	o	*	86	68	-	*	-	-
SPAN. PEN.	Corunna...																			
	Lisbon...																			
SPAN. PEN.	Azores (P. Delgada)...	29.99	64	NE	5	b	30.01	+15	65	58	-4	1	b	3	73	59	-	*	-	-
	„ (Horta)...	30.05	61	NE	3	b	30.04	+10	61	59	-3	2	o	1	70	59	-	*	-	-

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR *Saturday, 16<sup>th</sup> July, 1904.*

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

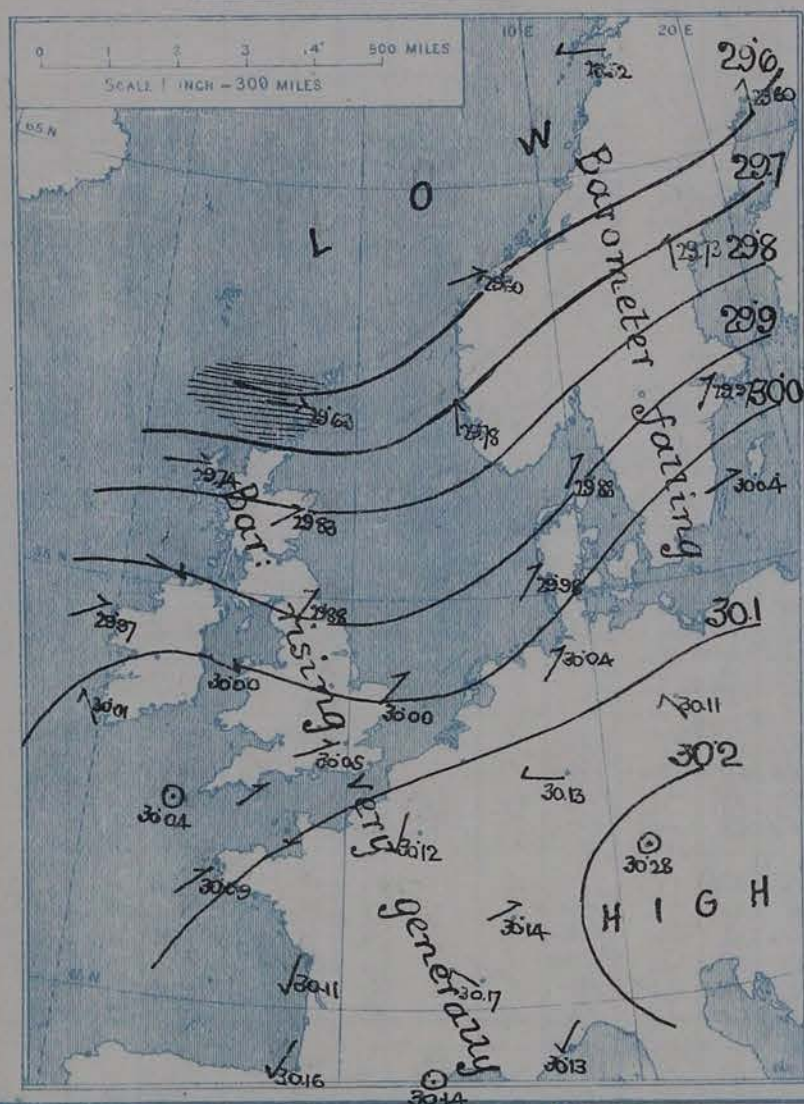
BAROMETER.—Isobars are drawn for each tenth of an inch.

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

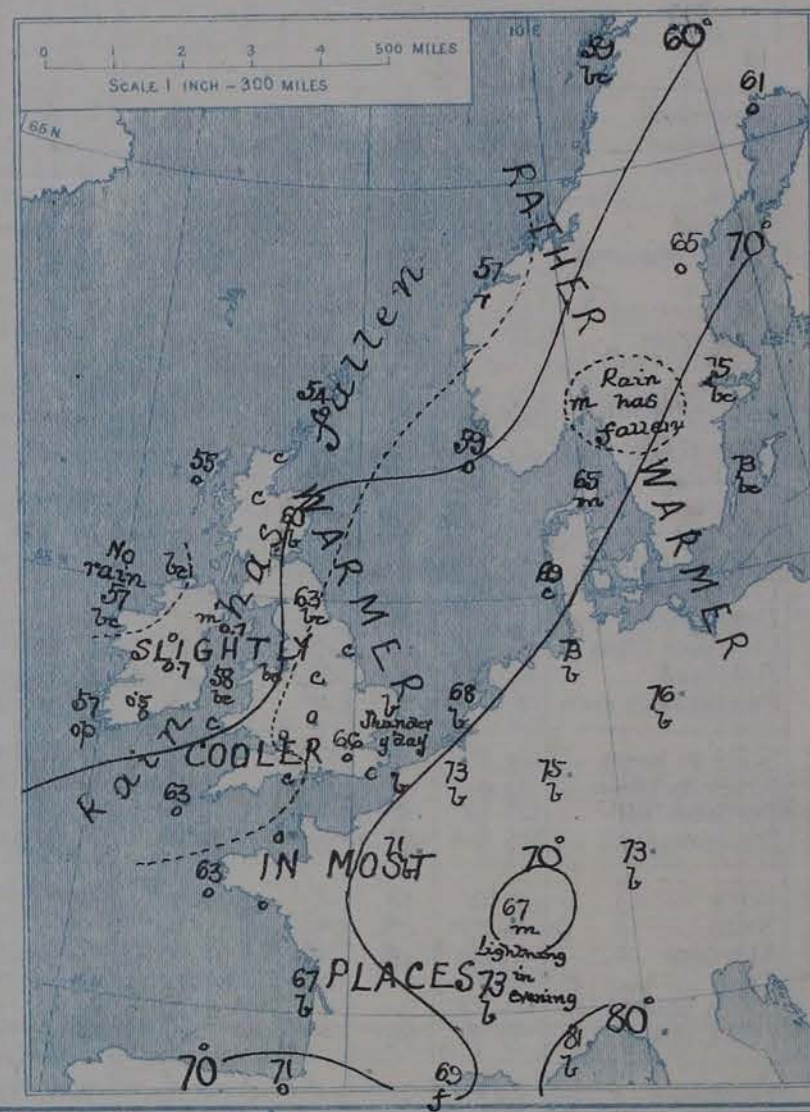


## II. TEMPERATURE AND WEATHER. *This Morning.*

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.*



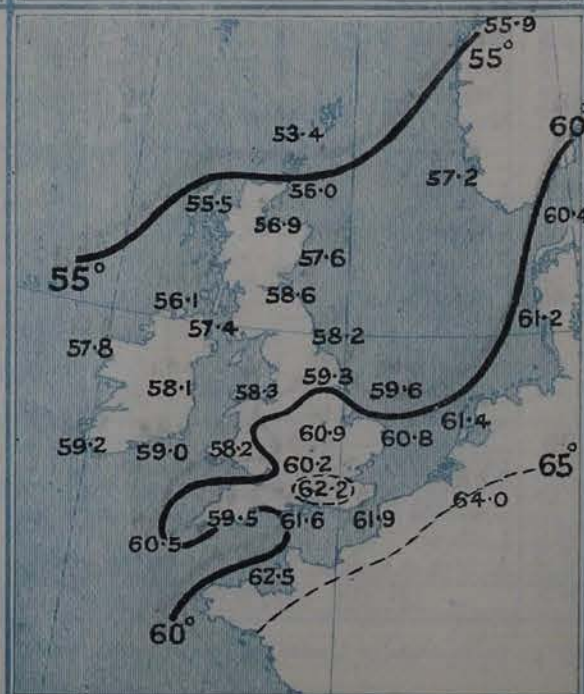
## IV. BRIGHT SUNSHINE IN 1904.

Total Duration recorded in various districts of the United Kingdom in the 27 weeks ended Saturday 9<sup>th</sup> JULY with the percentage of the average duration for the corresponding period.



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Month of JULY. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The depression of the past two days is travelling away to the north eastward, the lowest pressures, 29.6 ins. and less, being at present reported over the north of Scandinavia and the adjacent parts of the ocean. In the rear of the disturbance the barometer is rising in all parts of these islands, France and Germany, and while the highest pressures, 30.2 ins. and upwards, are still found over South Germany, an anticyclone, with readings above 30.1 ins., now covers nearly the whole of that country and France. In Scandinavia and Denmark the barometer is at present falling.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is Westerly or South Westerly over North western Europe as a whole, and blows strongly on the Norwegian coasts; in the South of Ireland, however, it has backed to the Southward. Light Easterly breezes are reported in Germany, and north easterly breezes over France. Temperature has fallen a little at most of our own western and southern stations, and also in France and the Netherlands, but remains high over western Europe generally. Over eastern and central England the morning readings are slightly above 65°, while in Belgium, Germany, Central France and the South of Sweden they are above 70°, the highest values being 81° at Nice, 76° at Berlin, and 75° at Stockholm, on our western and extreme northern coasts and in the west of Norway the thermometer is below 60°, the reading at Sumburgh Head and Martin Head being only 54°.

The weather is fair over western Europe as a whole, but is dull at most of our own southern stations, and in the west of France, as well as in the north of Scotland and the west of Norway; rain is reported at Christianund, and passing showers at Valencia (Ireland). The sea is moderate or slight generally, but rather rough at Sumburgh Head.

During yesterday the thermometer rose to 80° and upwards in most parts of eastern and central England and to 85° in London. In Belgium Germany and central France it exceeded 90°; at Paris it touched 95° and at Lyons 96°. In the east and south of England the amount of bright sunshine was again large; elsewhere it was much smaller. Some of our western stations reporting a sunless day. Rain fell in the west and north generally the quantity being as large as 0.7 at Parsonstown and Donaghadee; thunder occurred at Clacton on Sea, and lightning was seen at Lyons.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The backing winds in Ireland probably indicate the advance of another depression from the Atlantic, and unsettled weather is therefore likely to set in again shortly in most of our western and northern districts. The present indications are in favour of a continuance of dry weather over the south eastern parts of the United Kingdom.

## FORECASTS\*

For the 24 hours ending at NOON on *Saturday 17th* 1904

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	W <sup>ly</sup> winds, backing later to the SW. or S; Fair to day, cloudy to morrow, with some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as N <sup>o</sup> 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	SW <sup>ly</sup> winds, light or moderate; fair generally. Rather cooler.

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	SW <sup>ly</sup> to S <sup>ly</sup> winds, moderate; fair at first, then cloudy and showery
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	S <sup>ly</sup> winds, freshening, cloudy, unsettled, some rain.
10	IRELAND SOUTH	

### WARNINGS

NONE ISSUED

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	69	59	c	0.0	—	Hastings .. 6.6 p.m. ...	*	*	*	9.1	*
Southport, to 9 p.m....	73	59	o.t.o. of	0.5	0.19	Broadstairs, .. 6.6 p.m. ...	*	*	*	6.6	*
Rhyl, to 6 p.m. ....	*	*	*	0.5	*	Margate, to 7.10 p.m. ...	84	61	b	7.4	—
Llandudno ... ..	*	*	*	2.8	*	Lowestoft, to 6 p.m. ...	73	66	bc.c	9.8	—
Bettws-y-Coed, to 6 p.m....	67	59	q.t.	0.0	0.24	Skegness ... ..	*	*	*	8.2	*
Aberystwyth, to 6 p.m. ...	67	61	t.c	1.0	0.02	Scarborough, 6.6 p.m. ...	80	*	*	3.0	*
Plymouth, to 9 p.m....	*	*	*	*	*	Harrogate, to 6 p.m. ...	76	58	c.p.oc	2.6	0.02
Bournemouth,	74	*	*	10.3	*	Manchester, to 9 p.m. ...	76	61	o.t.bc	2.0	0.05
Worthing ... ..	*	*	*	11.2	*	Darwen, to 9 p.m. ...	73	57	o.b.a	1.3	0.17
Brighton, .. 6.6 p.m. ...	72	*	*	9.3	*	Birmingham, to 9 p.m. ...	78	59	o.c	4.1	—
Eastbourne, to 6 p.m. ...	72	*	*	11.0	*						

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

STATIONS. 15 <sup>th</sup> JULY 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	70	61	o	—	Rome ... ..	91	68	b	—
St. Petersburg ... ..	72	54	b	—	Naples ... ..	89	73	c, b	—
Moscow ... Not recd.	*	*	*	—	Malta ... ..	84	74	b	—
Cracow ... ..	73	54	b	—	Geneva ... 14 <sup>th</sup> JULY ...	77	*	1 p.m. bc	Measured 7 a.m.
Flushing ... ..	79	66	b, c	—	Berne ... ..	79	*	b	—
Aix-la-Chapelle ... ..	?	?	c, bc	—	Lucerne ... ..	79	*	bc	0.04
Vienna ... ..	81	59	b, bc	—	Castasegna ... ..	66	*	o	0.28
Buda Pesth ... ..	86	63	b	—	Lugano ... ..	73	*	o	0.43
Hermanstadt Not recd.	*	*	*	—					
Florence ... ..	90	66	o, b	0.04					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	16 <sup>th</sup> JULY 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium†	8 a.m. (West European)	8 a.m.	6 p.m. ‡ (W.E.T.)	6 p.m. ‡	Yarmouth ... ..	3.49	11.59	8.8
Holland ... ..	8 a.m. ( " )	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ... ..	4.3	12.6	8.9
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ... ..	3.33	12.18	9.2
France ... ..	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia ... ..	4.40	12.67	8.53
Spain ... ..	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal ... ..	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada ...	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
Horta ...	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on

SUNDAY, 17<sup>th</sup> JULY,

1904.

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 (10 to 12.)	Weather	BAROMETER.		TEMPERATURE.			WIND.		Force (10 to 12.)	Weather.	Sea (0 to 9.)	Temp.		Weather	Sun- shine Hours	Rainfall. Inch.
							At 32° and M.S.L.	Dry Bulb.	Dir.	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.				Change since Yester- day.	Dir.			
							Ins.	°		Ins.	Ins.	°	°				°				
SCANDINAVIA.	Haparanda...	29.47	54	2	0	f	29.39	-21	60	54	-1	W	2	b	*	63	52	-	*	0.08	
	Hernösand...	29.55	67	2	0	c	29.75	+02	60	54	-5	NW	4	o	*	77	55	-	*	0.12	
	Stockholm...	29.77	75	SW	2	b	29.83	-14	64	56	-11	WNW	6	b	*	82	61	-	*	-	
	Wisby...	29.88	75	SSW	6	b	29.95	-09	62	58	-11	W	4	b	*	81	59	-	*	-	
	Karlstad...	29.79	67	WNW	4	b	29.93	+04	63	54	-3	WNW	6	b	*	*	59	-	*	-	
	Færder (X'ania Fjord)	29.82	62	SW	6	m	29.99	+18	61	56	-2	W	6	b	3	64	59	-	*	-	
	Bodö...	29.49	55	S	5	o	29.65	+13	46	?	-13	SW	6	c	4	59	43	-	*	0.43	
	Christiansund...	29.73	54	SW	9	o	30.01	+41	49	46	-8	NNW	4	r	4	59	46	-	*	0.39	
Skudesnaes...	30.01	57	NW	4	o	30.15	+37	56	52	-3	NW	4	c	3	59	54	-	*	-		
BRITISH ISLANDS.	Sumburgh Head	29.87	52	W	4	o	30.15	+52	50	49	-4	NE	1	o	3	57	48	c, o	*	0.21	
	Stornoway...	30.00	61	WNW	3	c	30.20	+46	53	53	-2	2	o	or	0	61	46	cp, c	3.8	0.10	
	Malin Head...	30.11	58	NW	2	b	30.22	+30	56	54	+2	2	o	c	1	60	50	b	*	0.02	
	Blacksod Pt. ...	30.10	61	SW	1	bc	30.17	+20	60	58	+3	WSW	1	bc	2	63	53	bc, bc	*	-	
	Valencia...	30.13	63	SSW	2	c	30.20	+19	55	54	-2	NE	2	rm	3	64	51	c	4.0	0.07	
	Roche's Point...	30.15	62	SSW	2	o	30.23	+19	58	56	0	E	1	rm	1	64	55	o	*	0.04	
	Parsonstown...	30.13	62	2	o	o	30.23	+21	59	57	+3	2	o	o	*	66	53	o	0.0	-	
	Donaghadee...	30.12	56	NNW	2	c	30.24	+28	55	53	0	S	1	c	1	66	52	bc, c	*	-	
	Liverpool Obsy...	30.17	59	NNW	2	bc	30.25	+25	59	55	-1	2	o	o	2	63	54	-	*	0.03	
	Holyhead...	30.16	59	SW	1	c	30.24	+24	59	56	+1	2	o	bc	0	64	54	b, c	*	-	
	Pembroke (St Ann's)	30.16	58	WNW	2	c	30.22	+19	59	55	+2	NE	1	b	1	62	54	c, bc	7.8	-	
	Scilly (St. Mary's)	30.16	64	ESE	1	bc	30.17	+13	61	57	-2	ENE	2	b	2	66	56	bc	9.9	-	
	Jersey (St. Aubins)	30.16	70	E	2	b	30.19	+09	69	64	+3	ENE	3	b	3	74	60	gr, bc, bc	5.8	-	
	Portland Bill...	30.17	62	WSW	1	b	30.21	+13	65	60	+5	E	1	b	1	66	56	f, bc, b	*	-	
	Dungeness...	30.13	65	W	4	bc	30.15	+06	69	64	+6	E	1	bc	1	70	55	f, bc, f	10.7	-	
	Wick...	29.99	54	WNW	2	c	30.18	+44	54	52	-2	2	o	o	1	60	48	-	*	-	
Nairn...	30.03	60	SW	2	c	30.21	+42	56	52	-1	W	1	b	1	66	50	-	*	-		
Aberdeen...	30.02	65	WNW	4	b	30.23	+40	62	54	+2	SSE	2	c	1	70	52	bc, b	14.5	-		
Leith...	30.08	61	WSW	1	b	30.23	+35	58	54	-4	W	1	c	*	67	49	-	*	-		
North Shields...	30.09	69	WSW	3	bc	30.15	+37	60	56	-3	WNW	1	c	2	71	54	c, bc	*	-		
Spurn Head...	30.12	63	ESE	3	bc	30.26	+30	60	57	-7	NNE	3	bc	2	72	55	-	*	-		
Yarmouth...	30.07	74	ENE	1	b	30.20	+20	64	61	-4	ENE	3	b	3	79	61	b	*	-		
Clacton-on-Sea...	30.10	72	S	4	b	30.19	+12	71	65	+4	ENE	2	b	1	75	59	c, bc, b	11.2	-		
Nottingham...	30.10	73	WNW	1	b	30.22	+34	63	56	-2	ENE	1	bc	*	75	53	-	10.2	-		
Bath...	30.08	69	NW	1	b	30.22	+17	67	59	+5	NE	1	b	*	72	50	-	6.6	-		
Oxford...	30.16	67	WSW	1	b	30.23	+20	63	57	-4	NE	1	b	*	76	53	-	*	-		
London (Brixton)...	30.11	78	W	2	b	30.21	+16	68	62	+2	2	o	b	*	80	56	c, b	9.8	-		
GERMANY, &c.	The Scaw (Skagen)	29.98	59	W	4	m	30.08	+20	60	56	-5	W	6	bc	2	73	57	-	*	-	
	Fanö...	30.15	64	WNW	6	o	30.24	+26	62	58	-7	WNW	4	c	*	73	55	-	*	-	
	Cuxhaven...	30.13	71	WNW	3	b	30.26	+22	65	60	-8	NW	2	b	*	75	63	-	*	-	
	The Helder...	30.13	66	WSW	1	b	30.22	+20	69	66	+1	2	o	b	0	70	65	-	*	-	
	Brussels...	*	*	*	*	*	30.31	+11	73	66	0	ESE	1	bc	*	86	61	-	*	-	
	Berlin...	30.07	87	2	o	b	30.20	+09	71	63	-5	NW	3	b	*	97	68	-	*	-	
	Frankfurt...	30.12	79	N	1	bc	30.20	+07	77	72	+2	N	3	b	*	97	64	-	*	-	
	Munich...	30.15	74	E	1	b	30.28	-00	75	67	+2	SW	2	b	*	84	63	-	*	-	
FRANCE.	C. Gris Nez...	30.10	66	SW	3	b	30.15	+06	?	64	?	SW	1	b	1	72	61	-	*	-	
	Brest...	30.15	72	W	1	b	30.13	+04	64	61	+1	NE	3	b	3	75	57	-	*	-	
	Lorient...	30.10	73	WSW	2	b	30.12	+04	67	63	+1	E	3	b	2	77	63	-	*	-	
	Rochefort...	30.06	74	NW	3	b	30.08	-03	73	69	+6	SE	2	b	*	81	61	-	*	-	
	Biarritz...	30.10	77	NNE	3	b	30.12	-04	73	?	+2	2	o	b	2	84	68	-	*	-	
	Paris...	30.12	87	NNE	3	b	30.18	+06	72	66	+1	NE	1	b	*	92	63	-	*	-	
	Belfort...	30.08	81	W	3	c	30.16	+02	71	63	+4	W	3	m	*	86	63	-	*	-	
	Lyons...	30.09	89	N	1	b	30.18	+01	77	66	+4	E	1	b	*	97	65	b, b	*	-	
Nice...	30.12	78	NE	1	b	30.12	-01	79	69	-2	E	3	b	2	88	68	-	*	0.04		
Perpignan...	30.12	79	E	1	b	30.16	+02	72	71	+3	NE	1	o	*	84	65	-	*	-		
SPAN. PEN.	Corunna...	30.08	71	NW	1	b	30.05	-04	64	61	+3	SW	1	f	3	77	59	-	*	-	
	Lisbon...	30.04	72	NW	4	b	30.08	+05	71	64	+2	NNE	3	b	*	82	63	-	*	-	
	Azores (P. Delgada)...	30.04	66	W	4	o	30.04	+03	64	58	-1	NNE	4	bc	3	72	61	-	*	-	
	„ (Horta)...	30.06	62	2	o	c	30.08	+04	59	55	-2	NNW	3	o	2	70	57	-	*	-	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR *Sunday, 17<sup>th</sup> July, 1904.*

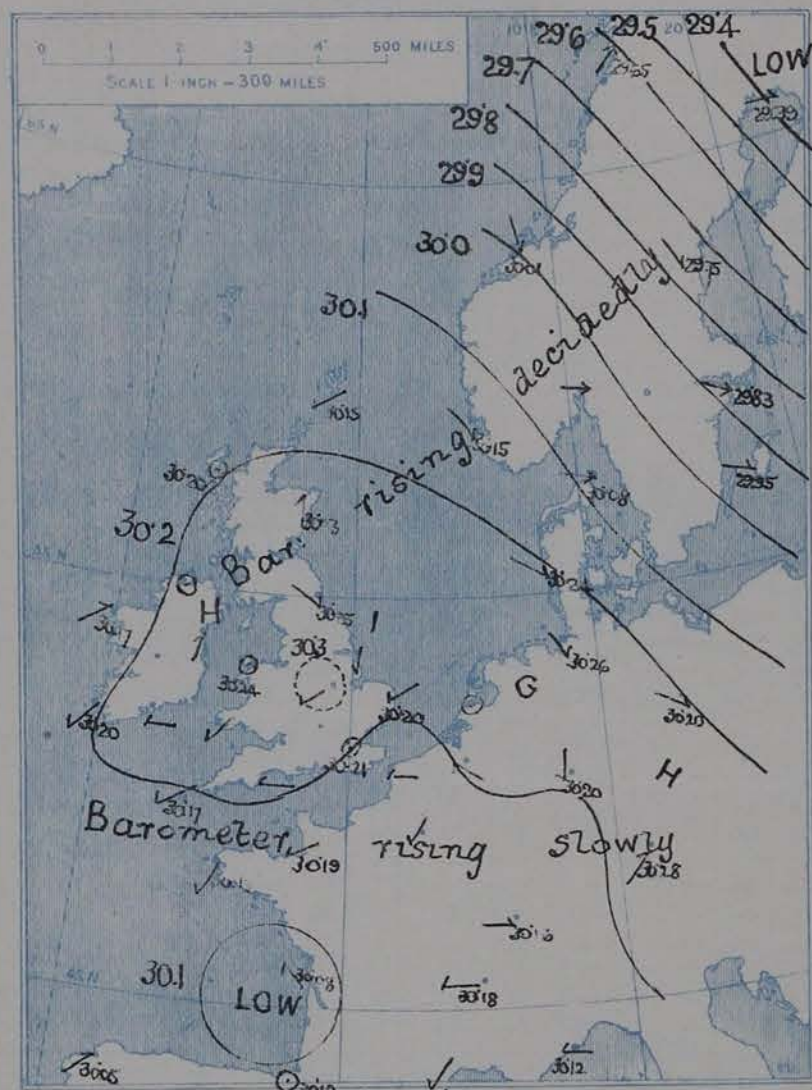
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

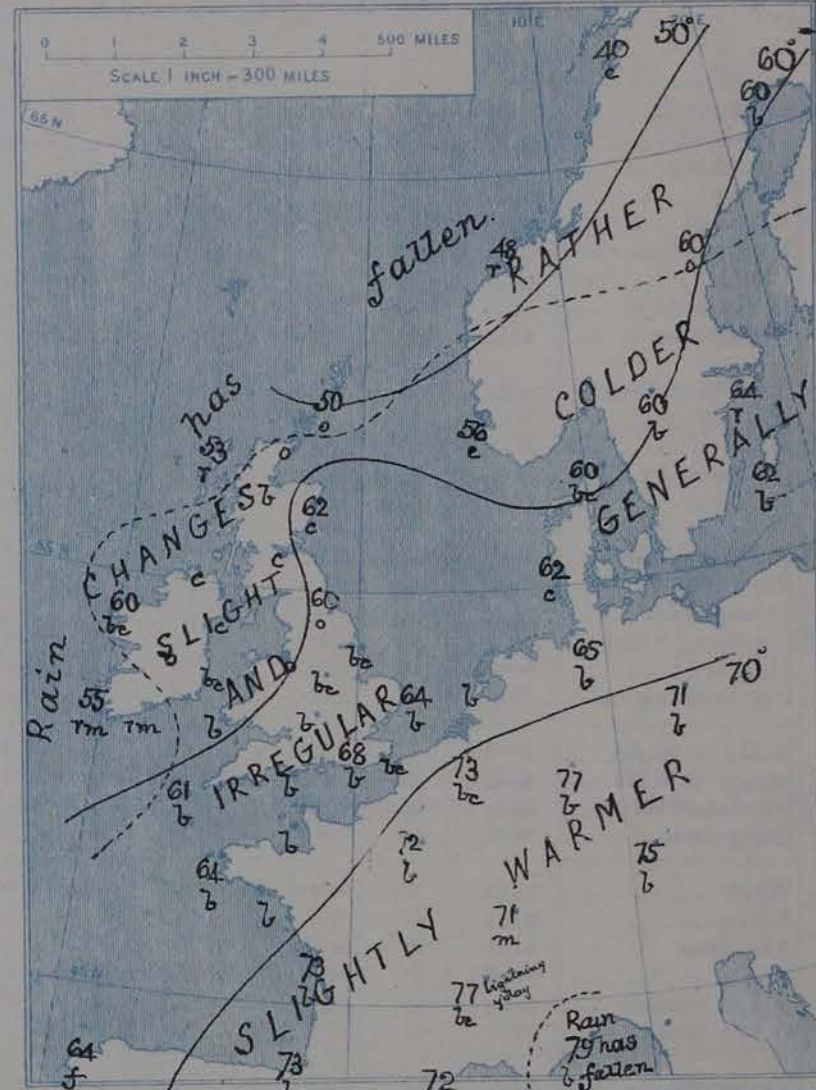


## II. TEMPERATURE AND WEATHER. *This Morning.*

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. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded  
in various districts of the United Kingdom  
during the 27 weeks ended 9<sup>th</sup> JULY  
with the percentage of the average for the  
corresponding period.

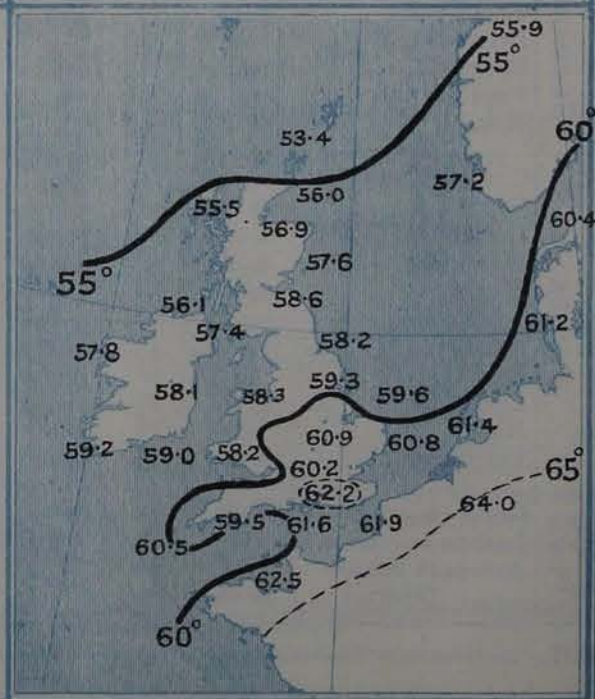
Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours



## V. Means of DAILY TEMPERATURE

*at 8 A.M. for the Month of*

*JULY. (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The barometer has risen briskly over Norway and the northern parts of our Islands, and a large anticyclone with readings above 30.2 ins. now covers the United Kingdom and the North Sea, and extends thence to Central Europe. The lowest readings, 29.9 ins. and less, are found over the north of Finland, but the readings are relatively low, less than 30.1 ins., in a shallow depression over France. Gradients are moderate over Scandinavia, very slight elsewhere.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is moderate to strong from W. or N.W. over northern Europe, very light, with an anticyclonic circulation, over our Islands and their neighbourhood. Temperature has risen over France and Spain, changed little and irregularly over the United Kingdom, and fallen in Norway, Sweden, and Denmark. It continues high generally, ranging from 71° at Glasgow and 69° at Demingus to 62° at Aberdeen, 55° at Valencia, and 50° in the Shetlands; and over the Continent from 79° at Nice, 77° at Frankfurt and 73° at Brussels to 60° in the north of Sweden, and to 46° at Rode. The weather is very fine as a whole, but rainy in the south of Ireland, at Stornoway, and Christiansund, and foggy at Corunna. The sea is very smooth generally; moderate on the west coast of Norway.

The maximum temperatures were again very high over our southern and southeastern countries and the Continent. At Berlin, Frankfurt and Lyons the thermometers rose to 97°, at Paris to 92° and at many other continental stations, including Stockholm and Wisby, to above 80°. In London and at Yarmouth the respective maxima were 80° and 79°. Rain has fallen in various Scandinavian localities and on our extreme western and northern coast, and lightning has been seen at Lyons. Bright sunshine was very abundant except in Ireland and the Hebrides.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on 18<sup>th</sup> JULY, 1904

### DISTRICTS.

### FORECASTS.

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

None issued.

### DISTRICTS.

### FORECASTS.

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

None issued.

### WARNINGS

None issued.

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	63	60	c, b	10.5	—	Hastings ... ..	*	*	*	8.4	*
Southport, to 9 p.m....	65	54	or, b, c	9.8	0.05	Broadstairs, ... ..	*	*	*		*
Rhyl, to 6 p.m. ... ..	*	*	*		*	Margate, to 6 p.m. ... ..					
Llandudno ... ..	*	*	*	11.6	*	Lowestoft, to 6 p.m....					
Bettws-y-Coed, to 6 p.m....	69	55	c, b	9.1	*	Skegness ... ..	*	*	*	12.3	*
Aberystwyth, to 6 p.m. ...	64	55	o, c	8.5	—	Scarborough, ... ..		*	*		*
Plymouth, to 9 p.m....	68	58	o, b, c	9.4	0.03	Harrogate, to 6 p.m. ...	71	57	c, b, c	9.4	—
Bournemouth, to 6 p.m. ...	71	61	?	6.0	—	Manchester, to 9 p.m. ...	68	57	o, p, b, c	4.5	0.02
Worthing ... ..	*	*	*	7.4	*	Darwen, to 9 p.m. ... ..	65	50	or, c, b	7.6	0.15
Brighton, ... ..	*	*	*		*	Birmingham, to 9 p.m. ...	75	62	o, c	8.4	—
Eastbourne, to 6 p.m. ...		*	*		*						

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

STATIONS. <i>16<sup>th</sup> July 1904</i>	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. <i>16<sup>th</sup> July</i>	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	75	61	o, b, c	—	Rome ... ..	91	69	o, b	—
St. Petersburg ... ..	68	59	b, c, b, c	—	Naples ... ..	89	73	b, b	0.08
Moscow ... ..	*	*	c, b	—	Malta ... ..	83	73	?, b, c	—
Cracow ... ..	84	54	b, b	—	<i>15<sup>th</sup> July.</i>				
Flushing ... ..	81	66	b, c, b	—	Geneva ... ..	86	*	b	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	b, c, o	—	Berne ... ..	84	*	b	—
Vienna ... ..	86	64	b, b	—	Lucerne ... ..	82	*	b	—
Buda Pesth ... ..	88	63	b, b	—	Castasegna ... ..	75	*	b	—
Hermanstadt ... ..	79	48	b, b	—	Lugano ... ..	84	*	b	—
Florence ... ..	90	68	b, c	—					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

<i>17<sup>th</sup> July 1904</i>	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.50	11.59	8.7
Greenwich ... ..	4.4	12.6	8.8
Wick ... ..	3.34	12.18	9.1
Valencia ... ..	4.41	12.47	8.52

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on **MONDAY JULY 18<sup>TH</sup>** 1904.

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.)	Temp.		Weather	Sun- shine Hours.	Rainfall. Ins.		
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°			°	°									
SCANDINAVIA	Haparanda...	29.62	60	NW	4	b	29.50	+11	59	51	-1	SW	2	b	*	66	48	-	*	-	
	Hernösand ...	29.92	49	W	2	bc	29.78	+0.3	52	45	-8	SW	4	b	*	68	48	-	*	-	
	Stockholm ...	29.88	60	E	2	c	29.93	+1.0	48	45	-16	N	4	0	*	75	48	-	*	-	
	Wisby...	29.91	64	WSW	2	bc	29.86	-0.9	58	53	-4	NE	6	0	*	73	58	-	*	-	
	Karlstad ...	29.88	66	W	2	b	29.99	+0.6	52	45	-9	NNE	2	bc	*	*	*	-	*	-	
	Færder (X'ania Fjord)	29.94	64	NW	5	b	30.04	+0.5	56	47	-5	NW	3	bc	2	64	55	-	*	-	
	Bodö ...	29.57	41	SW	8	T	29.42	-2.5	46	43	0	WSW	7	+	4	46	37	-	*	1.22	
	Christiansund ...	30.09	48	NW	6	0	30.00	-0.1	46	44	-3	NW	4	+	4	49	45	-	*	0.55	
Skudesnaes ...	30.21	54	NW	6	c	30.24	+0.9	52	48	-4	NW	6	c	3	59	48	c	*	-		
BRITISH ISLANDS.	Sumburgh Head	30.24	50	NE	1	b	30.23	+0.8	52	49	+2	NW	4	c	4	53	44	0.6	-	-	
	Stornoway ...	30.28	58	ESE	2	0	30.35	+1.5	53	51	0	2	0	0	0	60	46	p.0	2.4	0.15	
	Malin Head ...	30.29	59	E	2	b	30.32	+1.0	54	55	+1	E	2	b	1	62	49	bc	*	-	
	Blacksod Pt. ...	30.19	63	NNE	4	bc	30.24	+0.7	62	57	+4	ESE	3	bm	3	64	59	bc	*	-	
	Valencia ...	30.19	67	E	2	0	30.12	-0.8	68	61	+13	E	3	bm	4	69	52	0	2.6	0.02	
	Roche's Point ...	30.23	64	ESE	2	b	30.19	-0.4	64	59	+6	ESE	4	b	1	64	55	p.a.p	*	0.01	
	Parsonstown ...	30.22	73	2	0	bc	30.28	+0.5	64	59	+5	E	1	b	*	72	53	bc	5.8	-	
	Donaghadee ...	30.29	59	2	0	b	30.34	+1.0	57	55	+2	N	2	b	2	60	51	b	*	-	
	Liverpool Obsy...	30.26	65	NE	1	c	30.31	+0.6	64	55	+5	SE	2	b	1	66	57	bc	*	-	
	Holyhead ...	30.26	61	NE	2	bc	30.27	+0.3	69	56	+10	E	1	b	1	69	56	c.bc	*	-	
Pembroke (St Ann's)	30.18	65	NNE	5	b	30.18	-0.4	64	59	+5	E	5	bm	3	70	58	bc	12.3	-		
GERMANY. &c.	Scilly (St. Mary's) ...	30.16	64	NE	4	b	30.05	-1.2	63	60	+2	E	5	bc	2	67	57	b.bc	14.6	-	
	Jersey (St. Aubins) ...	30.13	80	NE	3	bc	30.13	-0.6	72	66	+3	E	4	b	3	82	65	b.bc	13.1	-	
	Portland Bill ...	30.17	70	2	0	bc	30.19	-0.2	64	61	-1	E	5	bc	3	75	60	bc	*	-	
	Dungeness ...	30.12	69	ESE	2	bc	30.24	+0.9	65	61	-4	E	6	c	4	73	60	bc	14.0	-	
	Wick ...	30.27	55	NE	2	c	30.31	+1.3	55	53	+1	NW	1	b	0	65	48	-	*	0.05	
	Nairn ...	30.26	64	2	0	c	30.34	+1.3	56	53	0	W	1	b	1	66	45	-	*	0.05	
	Aberdeen ...	30.28	59	ESE	2	b	30.36	+1.3	58	54	-4	SE	3	b	1	64	49	gt.c	7.1	0.08	
	Leith ...	30.25	69	W	2	b	30.35	+1.2	58	55	0	NE	1	b	*	71	47	-	*	-	
	North Shields ...	30.27	59	NE	2	b	30.37	+1.2	56	55	-4	2	0	+	2	64	48	p.b.	*	-	
	Spurn Head ...	30.27	59	NE	4	bc	30.35	+0.9	60	56	0	NE	2	b	1	66	52	-	*	-	
FRANCE.	Yarmouth ...	30.20	65	NE	2	b	30.31	+1.1	62	58	-2	NE	3	b	3	67	57	f.b	*	-	
	Clacton-on-Sea ...	30.18	67	ESE	3	b	30.31	+1.2	64	58	-7	NE	3	b	2	71	57	b	14.5	-	
	Nottingham ...	30.22	69	ESE	2	bc	30.33	+0.1	64	58	+1	E	1	b	*	78	49	b	9.6	-	
	Bath ...	30.17	81	N	1	b	30.26	+0.4	65	58	-2	NE	3	b	*	82	56	-	14.3	-	
	Oxford ...	30.21	71	NE	2	b	30.30	+0.7	65	55	+2	ESE	2	b	*	85	53	b	*	-	
	London (Brixton) ...	30.14	84	NW	1	b	30.28	+0.7	65	59	-3	E	4	b	*	85	58	m.b	14.2	-	
	The Scaw (Skagen)	30.04	59	NW	5	bc	30.04	-0.4	59	49	-3	N	5	c	1	64	57	-	*	-	
	Fanö ...	30.20	58	NW	6	c	30.20	-0.4	58	56	-4	NW	5	c	*	68	52	-	*	-	
	Cuxhaven ...	30.22	66	NW	2	b	30.22	-0.4	62	56	-3	NW	5	b	*	66	59	-	*	-	
	The Helder ...	30.15	69	NE	1	b	30.28	+0.6	64	57	-5	NE	2	b	1	73	59	-	*	-	
SPAN. PEN.	Brussels ...	*	*	*	*	*	30.27	+0.6	66	58	-7	ESE	3	b	*	91	60	-	*	-	
	Berlin ...	30.12	78	NW	2	b	30.13	-0.7	59	56	-12	NW	4	0	*	84	79	-	*	-	
	Frankfurt ...	30.08	78	N	1	b	30.14	-0.6	75	70	-2	N	5	bc	*	95	70	-	*	0.28	
	Munich ...	30.18	75	NE	1	bc	30.20	-0.8	73	66	-2	SW	5	b	*	88	63	-	*	-	
	C. Gris Nez ...	30.16	69	ESE	3	b	30.23	+0.8	64	62	?	NE	4	bc	4	75	59	-	*	-	
	Brest ...	30.07	84	NE	3	b	30.05	-0.8	66	65	+2	SE	1	b	1	90	63	-	*	-	
	Lorient ...	30.07	91	2	0	c	30.07	-0.5	71	68	+4	2	0	b	2	95	67	-	*	-	
	Rochefort ...	30.02	80	NW	2	b	30.04	-0.4	76	71	+3	ESE	2	b	*	106	70	-	*	-	
	Biarritz ...	30.07	94	ESE	2	b	30.13	+0.1	73	70	0	ESE	2	b	2	97	66	-	*	-	
	Paris ...	30.10	92	NE	2	b	30.19	+0.1	71	66	-1	NE	3	b	*	96	68	-	*	-	
Belfort...	30.04	82	NE	4	c	30.06	-1.0	72	65	+1	2	0	m	*	93	64	-	*	-		
Lyons...	30.07	91	NE	1	b	30.11	-0.7	78	67	+1	N	1	b	*	97	70	-	*	-		
Nice ...	30.10	82	NW	3	b	30.02	-1.0	83	70	+4	NNE	1	b	0	95	72	-	*	-		
Perpignan ...	30.08	82	NE	2	b	30.07	-0.9	75	68	+3	2	0	b	*	87	68	-	*	-		
SPAN. PEN.	Corunna ...																				
	Lisbon ...	30.03	73	SW	4	b	30.06	-0.2	72	65	+1	S	1	b	*	84	64	-	*	-	
	Azores (P. Delgada)...	30.06	60	SW	2	b	30.21	+1.7	65	60	+1	S	3	bc	3	68	57	-	*	-	
„ (Horta) ...	30.21	60	NW	1	bc	30.23	+1.5	61	57	+2	2	0	0	0	68	57	-	*	-		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR *Monday, 18<sup>th</sup> July, 1904.*

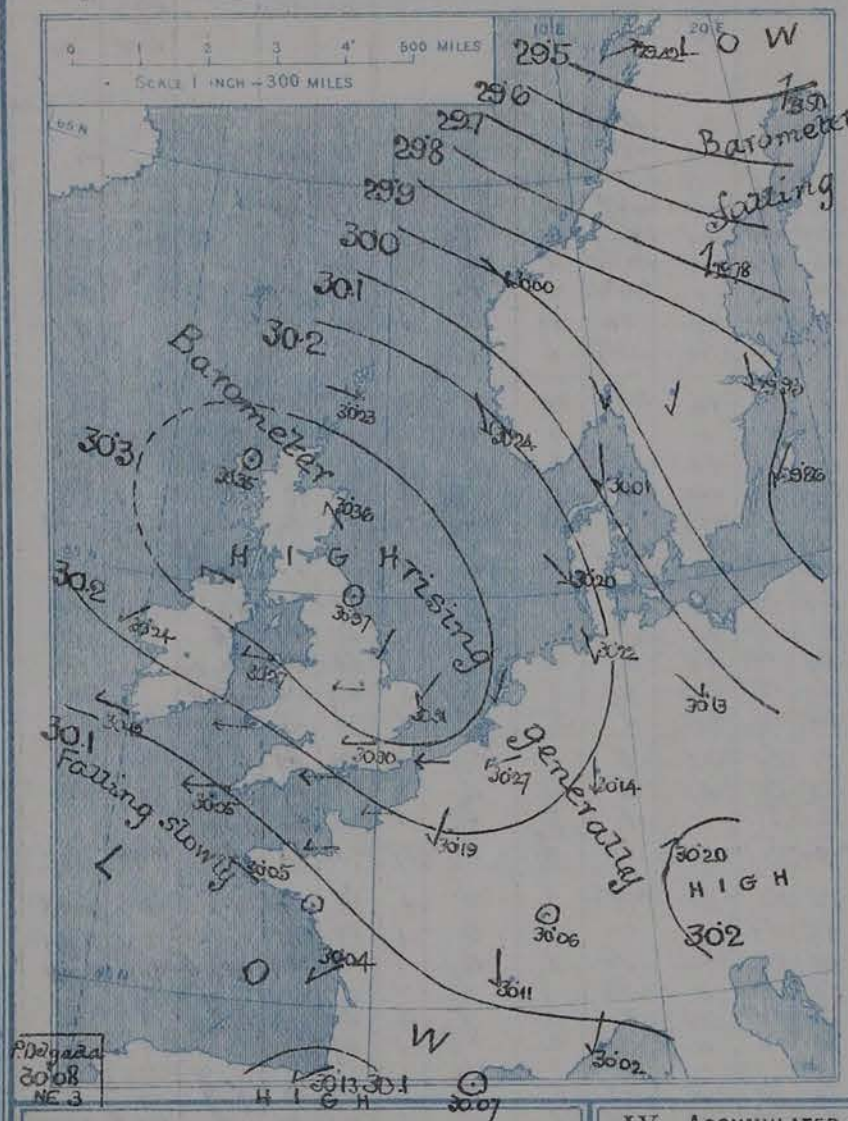
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

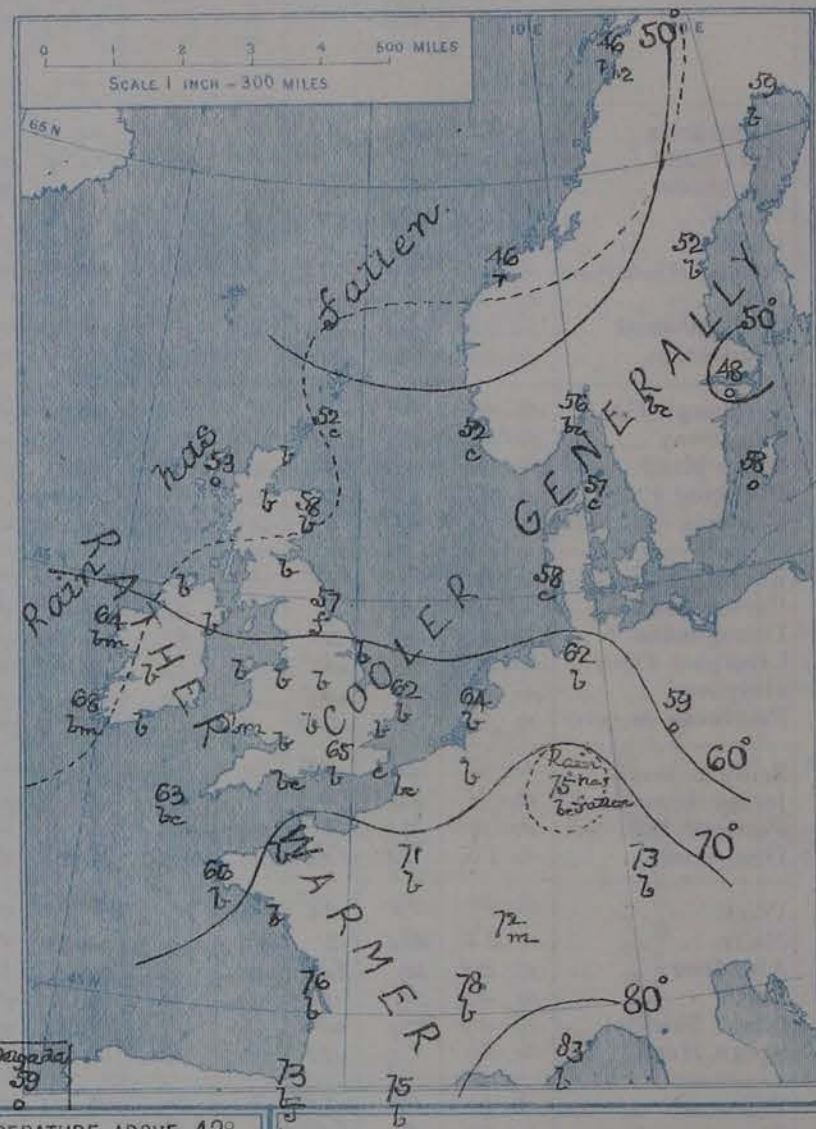


## II. TEMPERATURE AND WEATHER. *This Morning.*

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. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the week ended SAT. 9<sup>th</sup> JULY with the percentage of the average for the corresponding week.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Month of JULY. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

An anticyclone still covers the greater part of Western Europe, the central portion of the system, with pressures above 30.3 ins., being at present situated over the northern, eastern and central parts of the United Kingdom. The lowest pressures, 29.5 ins. and less, are found in a cyclonic disturbance which is travelling eastward across the north of Scandinavia, the barometric gradient in that neighbourhood being rather steep. The barometer is rising in most places, but is falling in the north of Scandinavia, and also on our own extreme south-west coasts.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is Easterly or North-easterly over the greater part of the United Kingdom, France and the Netherlands, and blows freshly in the English and Bristol Channels. In Scandinavia, Denmark and Germany it is chiefly Northerly or North-westerly, but in the Gulf of Bothnia it is South-westerly. Temperature has risen over the western and central parts of the United Kingdom and also in the west and south of France, but has fallen elsewhere, the latter change being very decided in Sweden and North Germany. Over the central and southern parts of the United Kingdom the readings range in most cases between 62° and 64°, but at Valencia the thermometer stands at 68°, and at Holyhead at 69°. Over the Channel Islands, France, and Western and Southern Germany the readings are above 70°, the highest reported being 83° at Nice, 78° at Lyons and 76° at Rochefort. In Scandinavia and in the Shetlands and Hebrides the thermometer is below 55° and at Bodø and Christiansund it stands at 46°. The weather is fine over Western Europe generally, but dull in the south of Sweden and rainy in the west of Norway. The sea is slight or smooth on nearly all coasts.

During yesterday the thermometer rose to 80° and upwards at many places in the south of England, and to 85° in London and at Oxford. In France, Belgium and Western Germany it exceeded 90°, the highest readings reported being 98° at Paris and 97° at Lyons and Biarritz. The amount of bright sunshine was again large at many of our western and southern stations - more than 14 hours at several places, and as much as 14.6 hours at Scilly. Slight rain has fallen in the south of Ireland and the north of Scotland, and a larger quantity in the west of Norway (1.2 in. at Bodø).

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

No material change is anticipated in the general distribution of pressure, and fine weather is therefore likely to continue very generally. Easterly or North-easterly breezes are probable on all but our extreme northern coasts, where the wind is likely to be Westerly or North-westerly.

## FORECASTS\*

For the 24 hours ending at NOON on 19th July 1904

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	N <sup>ly</sup> or NN <sup>ly</sup> winds, light; cloudy, local showers.
1	{ SCOTLAND EAST	Light variable airs; fine, warm.
2	{ ENGLAND N.E.	N <sup>ly</sup> or NE <sup>ly</sup> winds, light; fine, warm.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	E <sup>ly</sup> winds, light; fine, warm.
5	{ ENGLAND SOUTH	E <sup>ly</sup> winds, moderate or fresh; fine, warm.

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as N <sup>o</sup> 4.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	Same as N <sup>o</sup> 5.
9	{ IRELAND NORTH	Same as N <sup>o</sup> 4.
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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m. ....	69	49	b	10.5	0.01	Hastings ... ..	*	*	*	14.3	*
Southport, to 9 p.m. ....	70	51	c.b.c	4.0	0.02	Broadstairs, ... ..	*	*	*		*
Rhyl, to 6 p.m. ....	*	*	*	8.0	*	Margate, to 6 p.m. ...	78	58	b	13.0	—
Llandudno ... ..	*	*	*	7.0	*	Lowestoft, to 6 p.m. ...	65	58	*	9.5	*
Bettws-y-Coed, to 6 p.m. ...	71	52	c.b.	6.0	0.01	Skegness ... ..	*	*	*		*
Aberystwyth, to 6 p.m. ...	68	59	c.b.	9.4	—	Scarborough, ... ..	66	*	*	4.3	*
Plymouth, to 9 p.m. ....						Harrogate, to 6 p.m. ...	71	49	c	3.4	—
Bournemouth, to 6 p.m. ...	80	52	*	12.7	*	Manchester, to 9 p.m. ...					
Worthing ... ..	*	*	*	13.2	*	Darwen, to 7 p.m. ...	70	49	c.o.w.p.c	1.3	0.02
Brighton, ... 5.5 p.m. ...	73	*	*	12.8	*	Birmingham, to 9 p.m. ...	78	52	b.m.b	11.1	—
Eastbourne, to 6 p.m. ...	74	*	*	13.6	*						

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

STATIONS. 17 JULY 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Obs. not received					17 JULY. Not recd				
Copenhagen ... ..					Rome ... ..		*		
St. Petersburg ... ..					Naples ... ..		*		
Moscow ... ..					Malta ... ..		*		
Cracow ... ..									
Flushing ... ..					Geneva ... 16 JULY ...	1 p.m.		1 p.m.	Measured
Aix-la-Chapelle ... ..					Berne ... ..	84	*	6	7 a.m.
Vienna ... ..					Lucerne ... ..	86	*	6	—
Buda Pesth ... ..					Castasegna ... ..	86	*	6	—
Hermanstadt ... ..					Lugano ... ..	77	*	0	—
Florence ... ..						84	*	0	—

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

18 JULY 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.51	11.59	8.6
Greenwich ... ..	4.5	12.6	8.7
Wick ... ..	3.35	12.18	9.0
Valencia ... ..	4.42	12.47	8.51

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Tuesday 19<sup>th</sup> July, 1904.

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.		Weather.	Sun- shine Hours.	Rainfall. Ins.
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.			
	Ins.	°				Ins.	Ins.	°	°	°						°	°			
SCANDINAVIA	Haparanda...	29.52	49	SE	2	b	29.63	+13	52	50	-7	SE	2	b	*	61	41	-	*	-
	Hernösand...	29.63	50	W	2	c	29.71	-07	52	46	0	N	6	b	*	59	41	-	*	-
	Stockholm...	29.74	58	WNW	2	o	29.68	-25	51	45	+3	WNW	4	c	*	63	46	-	*	-
	Wisby...	29.82	56	SW	4	b	29.69	-17	54	49	-4	NW	6	c	*	64	52	-	*	-
	Karlstad...	29.81	43	SSE	2	c	29.83	-16	54	45	0	NW	6	b	*	*	*	-	*	-
	Færder (X'iania Fjord)	29.91	64	NW	4	b	29.92	-12	58	48	+2	NNE	6	b	2	64	55	-	*	-
	Bodö...	29.68	48	N	4	o	29.93	+51	49	46	+3	N	2	o	1	49	43	-	*	0.08
	Christiansund...	30.01	47	WNW	3	o	30.14	+14	47	44	+1	N	4	o	4	48	45	-	*	0.43
	Skudesnaes...	30.15	54	NNW	6	o	30.08	-16	53	49	+1	NNW	4	o	2	57	50	c.o	*	*
BRITISH ISLANDS.	Sumburgh Head	30.19	53	W	4	b	30.18	-05	53	49	+1	N	1	b	3	59	47	b, b	*	-
	Stornoway...	30.30	62	E	2	b	30.17	-18	51	50	-2	E	3	b	3	62	43	b	12.0	-
	Malin Head...	30.23	58	E	2	b	30.06	-26	60	57	+3	SE	3	b	1	62	52	b	*	-
	Blacksod Pt. ...	30.11	68	NNE	5	b	29.96	-28	64	59	0	NE	5	b	4	74	60	b, b	*	-
	Valencia...	30.01	72	ESE	4	b	29.89	-23	61	60	-7	Z	0	o	3	77	60	o	9.1	-
	Roche's Point...	30.07	69	E	4	b	29.94	-25	62	60	-2	E	4	o	2	70	59	o, b	*	0.02
	Parsonstown...	30.11	75	NE	1	b	29.97	-31	66	59	+2	E	2	c	*	79	56	b, p	12.4	0.02
	Donaghadee...	30.24	59	N	2	b	30.12	-22	58	55	+1	ENE	3	b	3	65	54	b	*	-
	Liverpool Obsy...	30.18	74	SE	3	b	30.12	-19	63	55	-1	SE	4	b	3	76	56	b	*	-
	Holyhead...	30.16	65	ENE	3	b	30.04	-23	66	61	-3	ESE	1	b	1	73	57	b, b	*	-
	Pembroke (St Ann's)	30.07	73	E	5	b	29.99	-19	63	58	-1	E	6	b	4	76	62	b, b	12.8	-
	Scilly (St. Mary's)	30.06	65	E	5	b	29.89	-16	61	59	-2	E	5	c	3	68	58	b	11.3	-
	Jersey (St. Aubins)	30.03	77	ENE	5	b	29.97	-16	70	65	-2	E	4	c	3	81	67	b, b	13.3	0.12
	Portland Bill...	30.11	67	E	6	b	30.02	-17	63	60	-1	E	6	b	4	68	60	b, b	*	-
	Dungeness...	30.18	63	E	6	b	30.09	-15	62	57	-3	ENE	5	b	3	67	59	c, b	14.3	-
	Wick...	30.29	55	NNW	1	b	30.21	-10	54	50	-1	N	1	b	0	63	38	-	*	-
	Nairn...	30.25	62	E	3	b	30.21	-13	56	52	0	Z	0	b	1	71	39	-	*	-
	Aberdeen...	30.30	56	ESE	2	c	30.22	-14	56	51	-2	N	2	b	2	63	48	b, b	11.2	-
	Leith...	30.24	66	ENE	1	b	30.18	-17	57	55	-1	NE	1	o	*	68	53	-	*	-
	North Shields...	30.27	60	ESE	3	b	30.17	-20	61	56	+5	SSW	3	b	2	62	49	f, b	*	-
	Spurn Head...	30.33	60	ESE	4	b	30.15	-20	59	56	-1	ESE	3	b	3	64	55	-	*	-
GERMANY, &c.	Yarmouth...	30.27	65	ENE	4	b	30.17	-14	59	55	-3	ENE	3	b	3	65	56	b	*	-
	Clacton-on-Sea...	30.26	62	NE	4	b	30.17	-14	62	59	-2	E	4	c	3	66	58	b, b	14.5	-
	Nottingham...	30.25	69	E	2	b	30.17	-16	60	56	-4	E	1	b	*	75	49	b	14.1	-
	Bath...	30.13	72	E	3	b	30.07	-19	66	59	+1	ENE	4	b	*	80	55	-	12.8	-
	Oxford...	30.21	65	E	2	b	30.14	-16	63	53	-2	E	2	b	*	79	54	b, b	*	-
	London (Brixton)...	30.22	68	E	3	b	30.12	-16	66	59	+1	E	4	b	*	77	56	b	13.8	-
	The Scaw (Skagen)	29.94	59	WNW	5	b	29.91	-13	59	50	+2	NNE	4	b	1	63	57	-	*	-
	Fanö...	30.13	56	NW	6	o	30.05	-15	56	54	-2	NW	6	o	*	63	54	-	*	-
FRANCE.	Cuxhaven...	30.21	61	NW	4	b	30.10	-12	59	54	-3	NW	4	b	*	64	57	-	*	-
	The Helder...	30.24	61	NNE	2	b	30.15	-13	61	55	-3	NNW	2	b	1	68	57	-	*	-
	Brussels...	*	*	*	*	*	30.16	-11	62	54	-4	E	3	b	*	80	50	-	*	-
	Berlin...	30.07	65	NW	4	b	30.01	-12	57	52	-2	WNW	4	b	*	75	50	-	*	-
	Frankfurt...	30.17	66	N	4	b	30.14	00	61	57	-14	N	5	b	*	81	61	-	*	-
	Munich...	30.13	72	NW	3	b	30.15	-05	60	55	-13	NE	4	b	*	84	55	-	*	0.16
	C. Gris Nez...	30.17	64	NE	5	b	30.11	-12	59	56	-5	ENE	4	b	4	70	54	-	*	-
	Brest...	29.99	72	NW	1	b	29.89	-16	67	64	+1	NE	3	b	2	84	59	-	*	-
	Lorient...	29.97	84	SE	1	b	29.90	-17	76	66	+5	ESE	2	b	2	95	70	-	*	-
	Rocheport...	29.96	76	NW	3	b	29.96	-08	74	68	-2	SE	2	b	*	97	72	b	*	-
	Biarritz...	30.01	79	NNE	1	b	30.04	-09	73	70	0	W	3	o	1	81	72	b, b	*	-
	Paris...	30.11	83	ENE	3	b	30.09	-10	68	59	-3	E	2	b	*	89	58	-	*	-
SPAN. PEN.	Belfort...	29.99	82	ENE	5	m	30.05	-01	61	55	-11	ENE	5	m	*	92	56	-	*	-
	Lyons...	30.04	91	N	2	b	30.01	-10	73	63	-5	N	1	b	*	97	70	-	*	-
	Nice...	29.94	82	Z	0	b	29.86	-16	84	75	+1	ENE	2	b	0	93	73	-	*	-
	Perpignan...	29.94	89	S	1	b	29.93	-14	79	68	+4	SW	2	b	*	97	68	-	*	-
	Corunna...																			
SPAN. PEN.	Lisbon...	30.08	68	NNW	4	b	30.11	+05	69	63	-3	WNW	4	c	*	86	66	-	*	-
	Azores (P. Delgada)...	30.27	64	WNW	2	b	30.22	+01	65	59	0	WNW	2	o	2	70	61	-	*	-
	" (Horta)...	30.28	62	E	1	b	30.23	00	62	57	+1	W	2	b	1	70	59	-	*	-

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR *Tuesday, 19<sup>th</sup> July, 1904.*

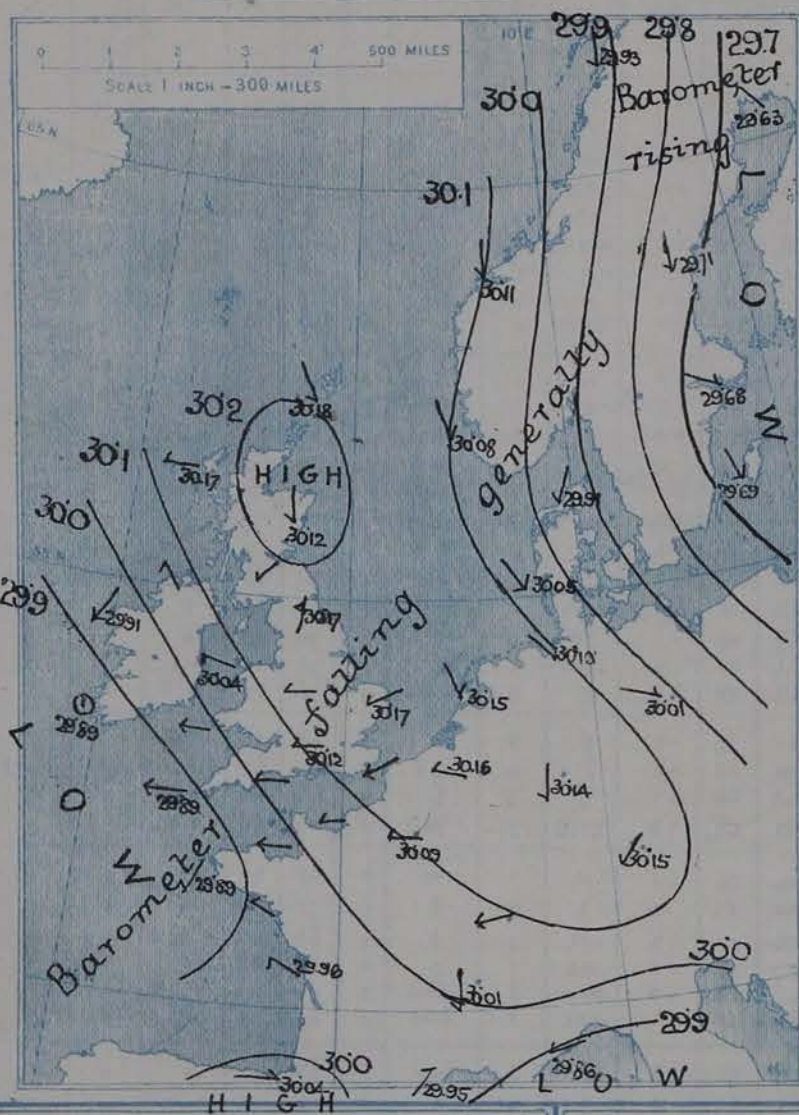
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

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

SEA.—Rough  $\text{||||}$  High  $\text{|||||}$

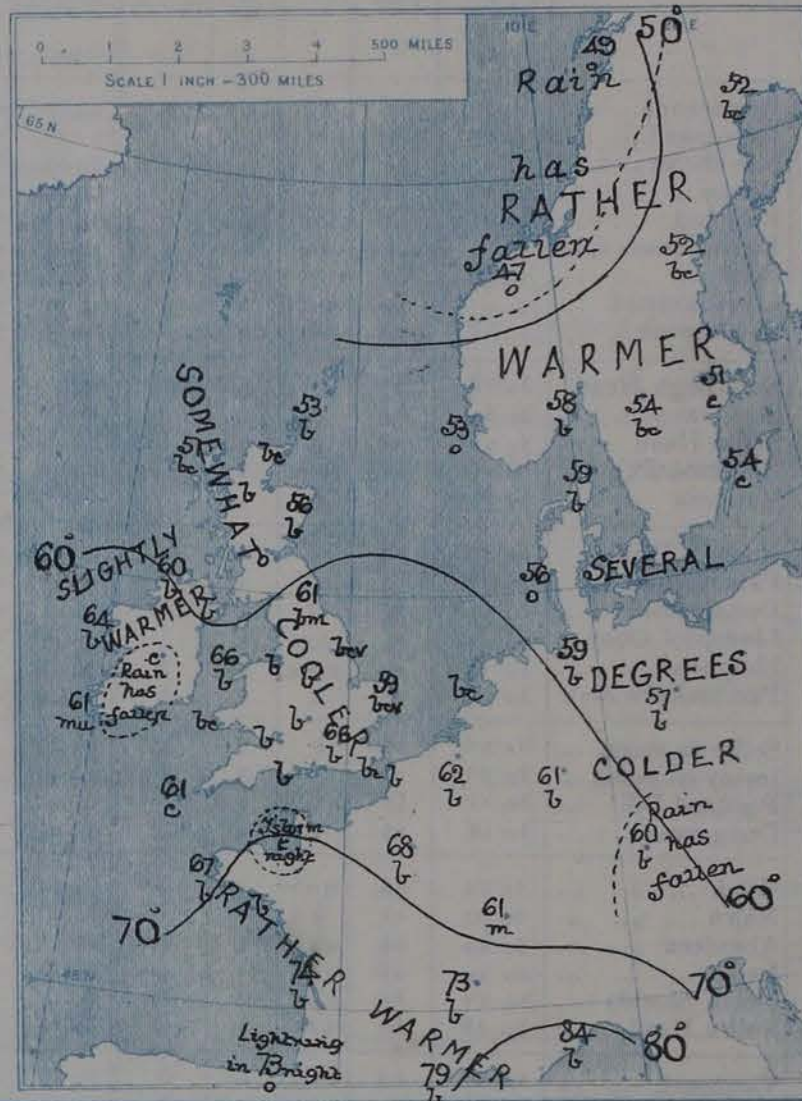


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

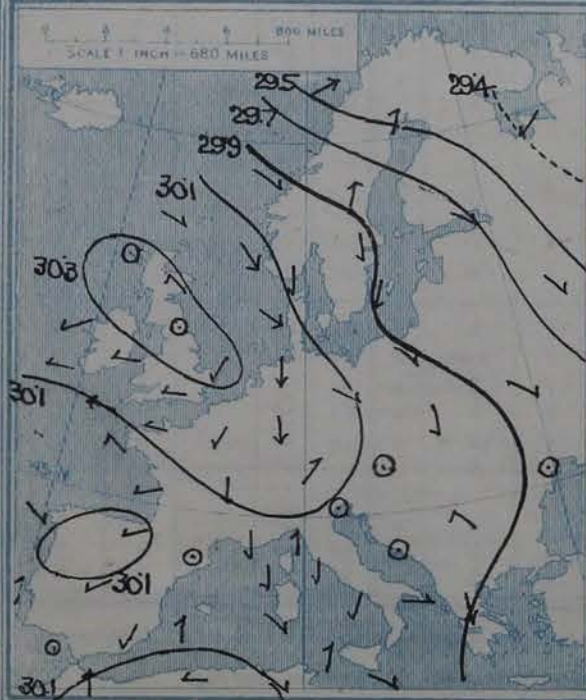
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

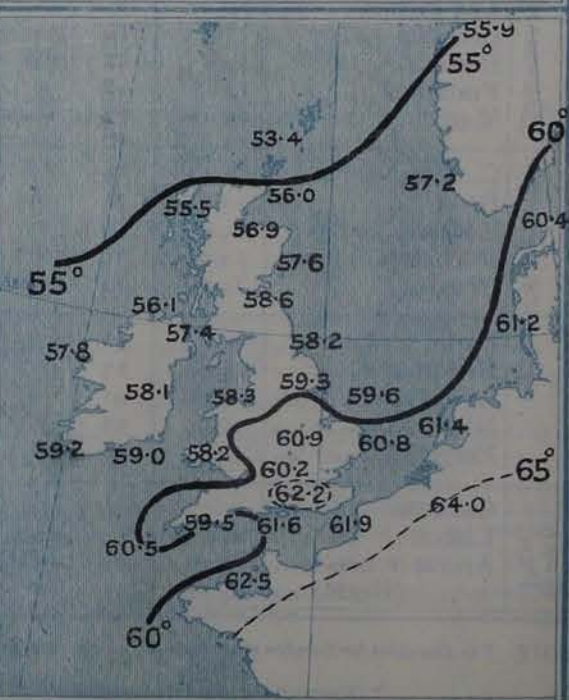
*recorded*

*in various districts of the United Kingdom during the week ended Sat<sup>y</sup> 16<sup>th</sup> JULY*



## V. Means of DAILY TEMPERATURE

*at 8 A.M. for the Month of JULY. (1871-1900.)*





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The anticyclone recently noticed over our area is diminishing in intensity and is moving eastwards. The highest pressures, 30.2 ins. and upwards, are now reported in the north and east of Scotland but the barometer exceeds 30.1 ins. over nearly the whole of Great Britain, the North Sea, Germany and the Netherlands. The lowest readings, 29.7 ins. and less, are found over the Gulf of Bothnia and the northern parts of the Baltic, but readings are also somewhat low, 29.9 ins. and less, in an area which has appeared off our own South-West coasts. The barometer is at present falling over Western Europe generally.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind remains Easterly over England, Ireland and the neighbouring parts of the Continent and blows freshly or strongly in the Channel. In the east of Scotland, it is light from the Northward, while in Scandinavia, Denmark and Germany it is moderate to strong from the same quarter or from North-West; in the south of France light breezes from West or South-West are reported. Temperature has risen slightly in the north of Ireland and also in Scandinavia and the west and south of France but has fallen elsewhere, — briskly in South Germany and the east of France. Over England, Ireland and France the readings are still above the average, the highest reported being: — In these islands 66° in London, and at Bath, Holyhead and Parsonstown; on the continent 84° at Nice, 79° at Perpignan and 76° at Lorient. Over the Netherlands and Western Germany the thermometer is now very little above 60°, while in North Germany it is below that point. In the north of Scotland and at most of the Scandinavian stations, the readings are below 55°, while on the west coasts of Norway they are below 50°. The weather remains fine over Western Europe as a whole, but is dull in the south of Ireland; distant thunder is reported at Jersey. The sea is slight or smooth generally.

During yesterday the thermometer rose to between 75° and 80° at many of the English and Irish stations, and to 81° at Aberystwyth and Jersey. At Paris it reached 89° while in many other parts of France it exceeded 90°, the highest reading being, 97° at Lyons and Perpignan. The amount of bright sunshine was very large, — between 13 and 14 hours in many parts of England, and as many as 15 hours at Lowestoft. A thunderstorm has occurred at Jersey, and lightning at Biarritz; slight rain has fallen in the south of Ireland.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably continue to move eastward, and the low pressure system off our South-West coasts will spread slowly over the United Kingdom. Unsettled thundery weather is therefore probable, commencing to day in the South-West, and extending in the course of to morrow over the greater part of England and Ireland.

## FORECASTS\*

For the 24 hours ending at NOON on 20<sup>th</sup> July 1904

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	Variable breezes, finally Ely or SEly; fair generally.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Ely and SEly winds, moderate; fine to day, becoming unsettled to morrow, with rain and thunder in places
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	Ely winds, fresh; fine at first; becoming unsettled to night or to morrow, with rain and thunder in places.
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Ely winds, light; fine generally.
7	{ ENGLAND N.W.	Same as Nos 2 and 3.
8	{ ENGLAND S.W.	Ely to SEly winds, fresh; unsettled, some rain, thunder in places.
9	{ IRELAND NORTH	Same as Nos 2 and 3.
10	{ IRELAND SOUTH	Same as No 8
WARNINGS		NONE ISSUED.

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	75	50	c, b, c	12.5	-	Hastings ... ..	*	*	*	14.7	*
Southport, to 9 p.m....	77	52	b	11.4	-	Broadstairs, ... ..	*	*	*	13.5	*
Rhyl, to 6 p.m. ....	*	*	*	12.8	*	Margate, to 6 p.m. ...	66	60	b	13.2	-
Llandudno ... ..	*	*	*	13.2	*	Lowestoft, to 6 p.m....	64	57	b, b	15.0	-
Bettws-y-Coed, to 6 p.m....	78	47	b	13.5	*	Skegness ... ..	*	*	*	14.8	*
Aberystwyth, to 6 p.m. ...	81	68	c, b	13.6	-	Scarborough, ... ..	65	*	*	12.9	*
Plymouth, to 9 p.m....	74	63	b, b, c, q	13.3	-	Harrogate, to 6 p.m. ...	70	46	c, b, v	13.0	-
Bournemouth, ... ..	77	62	*	12.2	-	Manchester, to 9 p.m. ...	76	55	b, b	12.2	-
Worthing ... ..	*	*	*	13.7	*	Darwen, to 9 p.m. ...	72	51	o, c, b, m, w	12.3	-
Brighton, ... ..	79	*	*	13.0	*	Birmingham, to 9 p.m. ...	76	54	b	13.3	-
Eastbourne, to 6 p.m. ...	68	*	*	13.2	*						

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

STATIONS. 18 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	70	54	b, o	0.12	Rome ... ..	92	70	b, b	-
St. Petersburg ... ..	68	50	b, m	-	Naples ... ..	89	75	b, b	-
Moscow ... ..	*	*	o, b, c	0.16	Malta ... ..	85	72	b	-
Cracow ... ..	90	72	b, c, o	-	17 <sup>th</sup> July, 1904				1 p.m.
Flushing ... ..	79	63	b, b	-	Geneva ... ..		*	Observations	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	c, b, c	-	Berne ... ..		*	not	
Vienna ... ..	88	68	b, b	-	Lucerne ... ..		*	received.	
Buda Pesth ... ..	95	75	b, b	-	Castasegna ... ..		*		
Hermanstadt ... ..	84	52	b, b	-	Lugano ... ..		*		
Florence ... ..	93	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.

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

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

19 <sup>th</sup> July, 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.52	11.59	8.5
Greenwich ... ..	4.7	12.6	8.6
Wick ... ..	3.37	12.18	8.59
Valencia ... ..	4.44	12.47	8.50

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 20<sup>th</sup> July, 1904.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sun- shine Hours	Rainfall. Ins.	
At 82° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°			°	°	°	°	°	°	°	°	°		
SCANDINAVIA.	Haparanda...	29.74	52	NE	2	0	29.81	+18	51	48	-1	N	4	0	*	52	39	-	*	-	
	Hernösand...	29.83	52	Z	0	c	29.86	+15	55	49	+3	N	4	0	*	59	46	-	*	0.04	
	Stockholm...	29.81	50	NNW	6	c	29.84	+16	55	50	+4	NNW	6	0	*	61	46	-	*	0.20	
	Wisby...	29.77	53	NNW	8	b	29.84	+15	52	48	-2	NNW	4	c	*	59	46	-	*	0.04	
	Karlstad...	29.91	58	NNE	6	bc	29.95	+12	53	47	-1	NNE	4	b	*	*	*	-	*	-	
	Færder (X'ania Fjord)	29.92	61	WSW	4	b	29.99	+07	53	46	-5	NNE	4	bc	2	61	52	-	*	-	
	Bodö...	30.03	48	WNW	4	0	30.01	+08	49	47	0	NW	2	0	2	50	46	-	*	-	
	Christiansund	30.19	48	NNW	2	0	30.14	00	47	45	0	NNE	2	0	3	50	45	-	*	-	
Skudesnaes	30.01	55	NNW	6	b	29.99	-09	55	51	+2	N	6	b	1	57	50	b	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.16	51	N	1	c	30.11	-07	49	47	-4	NE	1	0	3	54	41	c	*	-	
	Stornoway...	30.08	62	ENE	4	b	29.99	-18	56	51	+5	SSE	3	cu	3	63	48	b	14.7	-	
	Malin Head...	29.96	65	S	5	og	29.87	-19	53	52	-7	SE	3	otg	2	67	51	b,og,r	*	0.19	
	Blacksod Pt.	29.87	64	ESE	2	cpm	29.77	-19	59	58	-5	SSW	5	f	5	69	57	cl,p,l	*	0.55	
	Valencia...	29.84	65	ESE	2	0	29.80	-09	59	58	-2	SSE	3	op	4	69	55	om,cp	0.4	0.05	
	Roche's Point...	29.87	62	ENE	3	ogm	29.86	-08	61	59	-1	SW	3	c	3	64	56	tr,og	*	0.12	
	Parsonstown...	29.89	64	Z	0	r	29.82	-15	60	59	-6	Z	0	cp	*	71	59	o, tr	1.0	0.62	
	Donaghadee...	30.02	61	SE	2	0	29.93	-19	55	54	-3	SE	4	0	4	62	54	o,cgp	*	0.02	
	Liverpool Obsy...	29.99	65	SE	3	c	29.95	-17	59	53	-4	ESE	3	0	?	77	56	t,c	*	-	
	Holyhead...	29.97	67	Z	0	otpm	29.90	-14	60	59	-6	Z	0	c	0	74	57	cl,p,o	*	0.37	
	Pembroke (St Ann's)	29.85	72	ENE	6	0	29.89	-10	59	59	-4	SW	1	c	?	73	58	p,cl,d	5.9	0.14	
	Scilly (St. Mary's)	29.84	64	SSE	1	m	29.91	+02	62	59	+1	SSW	2	b	1	67	58	cl,m,cl	3.7	0.04	
	Jersey (St. Aubins)	29.83	74	ENE	5	c	29.99	+02	62	60	-8	WSW	3	c	3	80	60	og,f,c	5.5	0.02	
	Portland Bill...	29.91	62	E	6	cp	29.92	-10	60	59	-3	W	4	c	4	67	58	cp,cl,r	*	0.39	
	Dungeness...	30.01	62	E	6	bc	29.95	-14	62	59	0	ESE	4	bc	2	68	58	b,bc	12.2	0.01	
	Wick...	30.16	51	E	1	bc	30.07	-14	54	50	0	E	1	c	1	58	48	-	*	-	
Nairn...	30.11	57	E	3	b	30.05	-16	50	49	-6	E	1	c	1	62	40	-	*	-		
Aberdeen...	30.17	53	E	3	0	30.08	-14	52	49	-4	ESE	1	0	2	59	50	b,bc,o	12.0	-		
Leith...	30.11	58	NE	2	b	30.01	-17	56	52	-1	ENE	2	c	*	64	49	-	*	-		
North Shields	30.11	60	E	3	b	30.03	-14	57	55	-4	ESE	3	c	3	65	53	b,c	*	-		
Spurn Head	30.10	57	ENE	4	bc	30.02	-13	58	54	-1	ESE	4	c	3	62	54	-	*	-		
Yarmouth...	30.09	63	E	4	bu	30.01	-16	59	56	0	ESE	4	c	3	64	57	b,p	*	0.02		
Clacton-on-Sea	30.07	60	E	5	b	29.99	-18	60	59	-2	E	4	0	4	65	59	bc,c,op	14.4	0.04		
Nottingham...	30.04	67	E	2	c	29.99	-18	59	56	-1	ESE	2	c	*	76	53	b,c	9.2	-		
Bath...	29.92	78	E	2	bc	29.90	-17	63	60	-3	NNE	1	0	*	81	57	-	10.0	0.03		
Oxford...	30.00	66	ESE	3	bc	29.93	-21	63	59	0	E	3	c	*	79	55	bc,or,t	*	0.08		
London (Brixton)	30.01	65	E	4	c	29.94	-18	63	59	-3	E	3	bc	*	77	58	b,c,ot	11.4	0.05		
GERMANY, &c.	The Scaw (Skagen)	29.98	57	NW	3	b	30.00	+09	58	51	-1	ENE	2	bc	0	64	55	-	*	-	
	Fanö...	30.05	52	NW	2	b	30.05	00	56	53	0	SW	2	0	*	63	?	-	*	-	
	Cuxhaven...	30.05	51	NW	4	0	30.06	-04	59	56	0	S	1	b	*	64	51	-	*	-	
	The Helder...	30.06	60	NNE	1	b	30.04	-11	60	56	-1	NNE	1	0	0	66	59	-	*	-	
	Brussels...	*	*	*	*	*	30.02	-14	61	55	-1	NE	2	0	*	78	49	-	*	-	
	Berlin...	29.97	61	WNW	4	b	30.02	+01	59	52	+2	NW	1	b	*	66	50	-	*	-	
	Frankfurt...	30.02	64	N	1	b	30.03	-11	62	58	+1	E	4	b	*	79	52	-	*	-	
	Munich...	30.03	67	NW	1	b	30.06	-09	64	56	+4	SE	2	b	*	75	50	-	*	-	
FRANCE.	C. Gris Nez...	30.00	64	NE	4	b	29.95	-16	56	55	-3	ESE	4	+	3	75	55	-	*	0.04	
	Brest...	29.90	63	N	3	0	30.00	+11	62	59	-5	WSW	2	c	2	75	59	-	*	-	
	Lorient...	29.90	65	WNW	6	0	30.03	+13	64	61	-12	NW	3	bc	2	81	63	-	*	-	
	Rochefort...	30.01	68	N	4	0	30.09	+13	69	66	-5	NW	3	c	*	84	64	0	*	-	
	Biarritz...	30.08	73	WNW	3	b	30.12	+08	69	67	-4	ENE	1	0	1	73	66	-	*	-	
	Paris...	29.97	82	ENE	3	b	29.95	-14	66	58	-2	ENE	1	b	*	87	62	-	*	-	
	Belfort...	29.89	77	ENE	5	m	29.97	-08	61	54	0	ENE	2	m	*	83	53	-	*	-	
	Lyons...	29.91	87	N	2	b	29.97	-04	74	61	+1	NE	1	b	*	94	64	-	*	-	
	Nice...	29.80	81	WSW	2	b	29.85	-01	76	71	-8	SW	1	m	1	91	70	-	*	-	
	Perpignan...	29.84	85	S	2	c	29.94	+01	77	69	-2	W	3	b	*	99	74	-	*	-	
SPAN. PEN.	Corunna...	?	?	NNW	5	b	30.08	-03	67	60	-2	NNW	5	b	*	75	63	-	*	-	
	Lisbon...	30.17	66	SW	4	b	30.08	-14	69	65	+4	SSW	4	c	3	72	65	-	*	-	
	„ (Horta)...	30.13	66	SSW	3	0	30.03	-20	66	66	+4	SW	4	f	1	72	62	-	*	-	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR

Wednesday, 20<sup>th</sup> July,

1904.

## 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

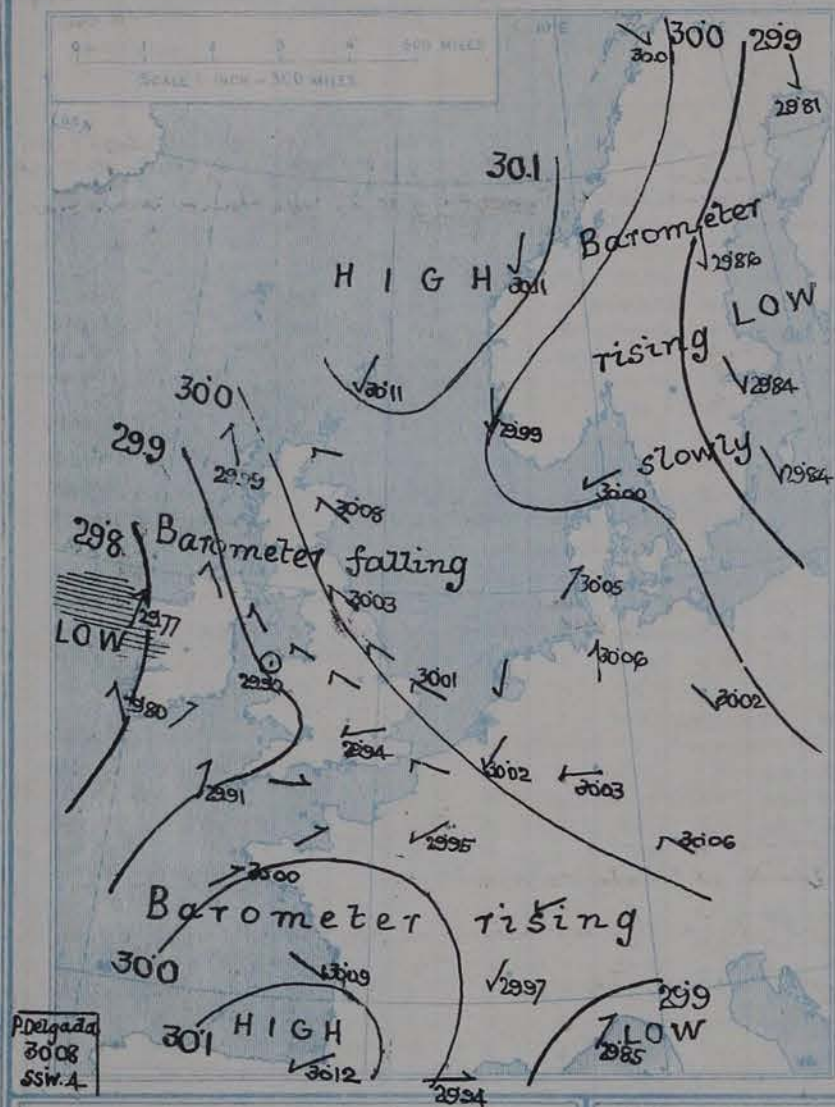
Calm

Force 8 to 10

Force 1 to 4

SEA—Rough

High

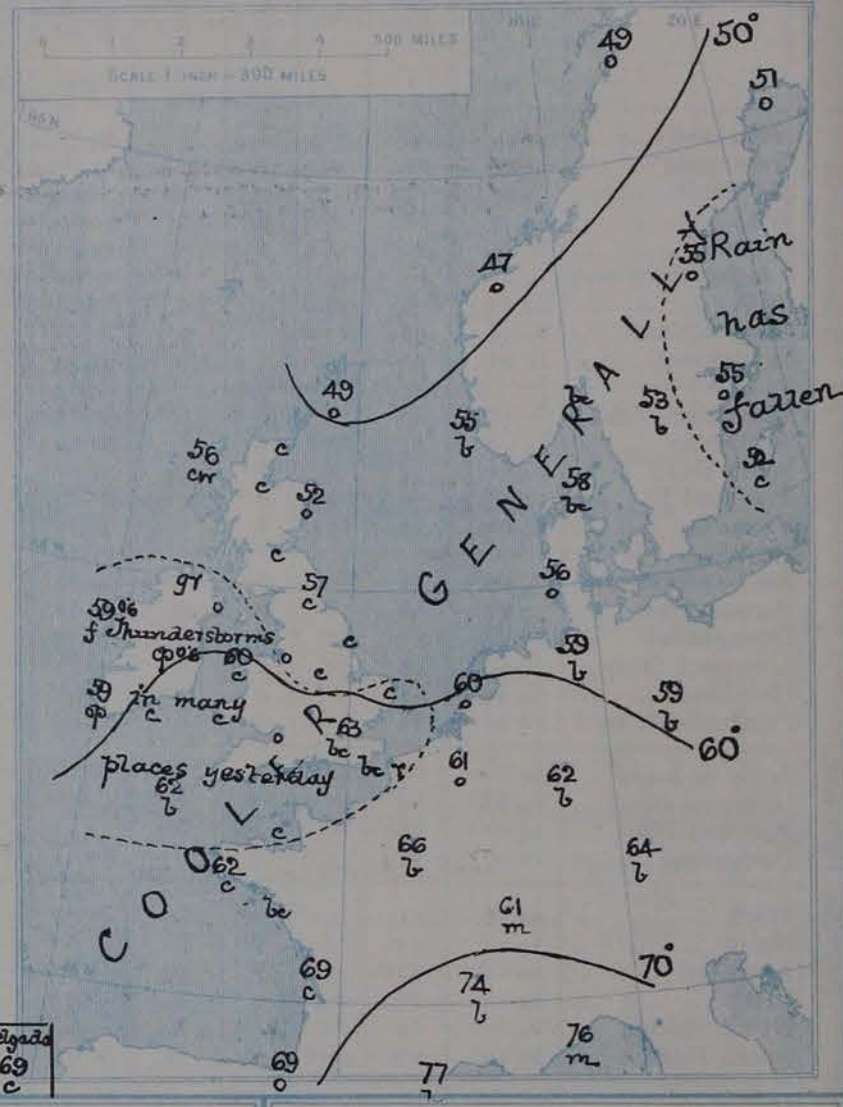


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE—Isotherms are drawn for each 10°.

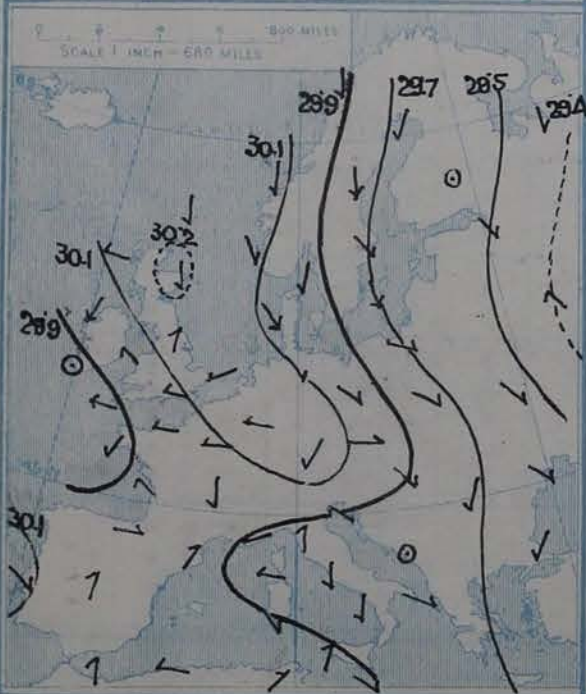
WEATHER—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.



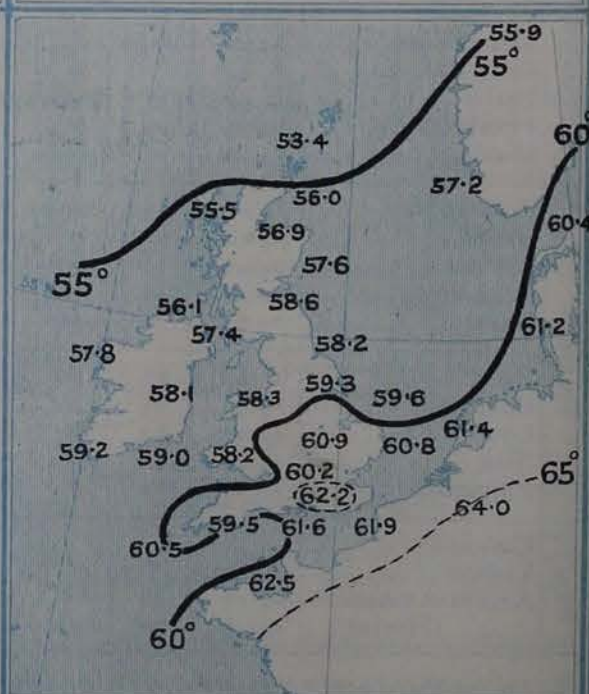
## IV. LAST WEEK'S RAINFALL.

Amount recorded in various districts of the United Kingdom during the week ended Sat. 16<sup>th</sup> JULY. with the percentage of the average amount for the corresponding week.



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Month of JULY. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The depression noticed yesterday off our South-west Coasts has spread northward over all our more western districts, while shallow secondary disturbances have been developed over eastern and central France. The lowest pressures, 29.8 ins. and less, are reported in the west of Ireland, and the barometer is still falling in the northern parts of the United Kingdom. At our Southern and the French stations the mercury is rising again. The highest pressures, 30.1 ins. and upwards, are found in two areas, — one lying off the west of Norway, and the other over the southern part of the Bay of Biscay.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is Easterly or South-Easterly over the northern, eastern, and central parts of the United Kingdom, but has shifted to the Westward at most of the English Channel stations, and to the North-Westward in the west of France. In Scandinavia it is moderate to strong from the Northward, while in Denmark and Germany it is light and variable. Temperature has fallen over western Europe generally and now differs but little from the average, excepting in Scotland and Scandinavia, where the readings are rather low for the season. Over the southern parts of England the thermometer is slightly above 60°, in the north of France above 65°, and in the south of that country above 70°; the highest values reported being 77° at Perpignan and 76° at Nice. In the northern parts of Ireland and Scotland the readings are below 55°, while in the Shetlands and the west of Norway they are below 50°. The weather is now cloudy over the greater part of the United Kingdom, with showers in Ireland, but is fine at most of the Continental stations; rain is however, falling at Cape Gris Nez. The sea is slight or smooth generally but is rather rough at Blacksod Point.

During yesterday the thermometer rose to between 75° and 80° over the central and Southern parts of England, to 81° at Bath, and to 82° at Aberystwyth. At Paris it rose to 87°, at Lyons to 94° and at Perpignan to 99°. The amount of bright sunshine was again large at all but a few of our western stations, at Skegness and Clacton-on-Sea it exceeded 14 hours. Thunderstorms have occurred in most parts of England and Ireland, the accompanying rainfall being slight, as a rule, but being heavy at Blacksod Point and Parsonstown.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the west of Ireland is likely to move northward or north westward and a temporary improvement in the weather is probable in all our more Southern districts. The reports from the Azores however show that other disturbances are travelling eastward over the Atlantic. These may affect our islands in the course of the ensuing 48 hours, the general indications being in favour of changeable showery weather over the greater part of our area.

## FORECASTS\*

For the 24 hours ending at NOON on July 21<sup>st</sup> 1904.

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	} E <sup>ly</sup> and SE <sup>ly</sup> winds, light; cool, cloudy, some showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	} SE <sup>ly</sup> winds, moderate; fair generally but local thunder showers still probable.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	} S <sup>ly</sup> and SW <sup>ly</sup> winds, moderate; fair generally but local thunder showers still probable.
5	ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	} SE <sup>ly</sup> and S <sup>ly</sup> winds, moderate; cloudy some showers, thunder locally.
7	ENGLAND N.W.	
8	ENGLAND S.W.	} S <sup>ly</sup> and SW <sup>ly</sup> winds, moderate; changeable some showers, thunder locally.
9	IRELAND NORTH	
10	IRELAND SOUTH	} S <sup>ly</sup> winds, moderate or fresh; cloudy, showery.

### WARNINGS

NONE ISSUED.

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	77	49	b, c	11.7	-	Hastings ... ..	*	*	*	10.6	*
Southport, to 9 p.m....	75	48	bc, c	10.8	-	Broadstairs, ... ..	*	*	*	12.8	*
Rhyl, to 6 p.m. ....	*	*	*	9.6	*	Margate, to 6 p.m. ...	66	58	b	13.0	-
Llandudno ... ..	*	*	*	7.2	*	Lowestoft, to 6 p.m....	62	55	bc, o, bc, b	11.7	-
Bettws-y-Coed, to 6 p.m....	80	52	bc, c	7.7	*	Skegness ... ..	*	*	*	14.5	*
Aberystwyth, to 6 p.m. ...	82	70	t, c	9.6	0.02	Scarborough, ... ..	62	*	*	12.5	*
Plymouth, to 9 p.m....	*	*	*	*	*	Harrogate, to 6 p.m. ...	70	47	bmw, b	9.9	-
Bournemouth, to 6 p.m. ...	77	60	*	9.5	-	Manchester, to 9 p.m. ...	77	55	br	11.5	-
Worthing ... ..	*	*	*	10.1	*	Darwen, to 9 p.m. ...	72	50	bm, cp, c	12.0	0.04
Brighton, ... ..	81	*	*	10.6	*	Birmingham, to 9 p.m. ...	77	52	c	11.1	-
Eastbourne, to 6 p.m. ...	68	*	*	10.7	*						

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

STATIONS. 19 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	61	54	bc, o	-	Rome ... ..	94	72	c, b	-
St. Petersburg ... ..	63	50	o, f	0.04	Naples ... ..	88	73	b, b	-
Moscow ... ..	*	*	b, o	-	Malta ... ..	87	75	b	-
Cracow ... ..	86	*	o, c	0.04	18 <sup>th</sup> July, 1904.				1 p.m.
Flushing ... ..	70	54	b, b	-	Geneva ... ..	84	*	bc	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	bc, bc	-	Berne ... ..	88	*	c	-
Vienna ... ..	88	61	o, b	-	Lucerne ... ..	84	*	b	-
Buda Pesth ... ..	93	64	c, b	0.04	Castasegna ... ..	79	*	o	0.10
Hermanstadt ... ..	88	61	b, b	-	Lugano ... ..	90	*	b	0.04
Florence ... ..	95	72	o, bc	-					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

20 <sup>th</sup> July, 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.54	11.59	8.4.
Greenwich ... ..	4.8	12.6	8.5
Wick ... ..	3.39	12.18	8.57
Valencia ... ..	4.46	12.47	8.49.

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Thursday 21<sup>st</sup> July,

1904.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sun- shine Hours	Rainfall Ins.	
At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°			°	°									
SCANDINAVIA	Haparanda...	29.76	50	N	2	b	29.78	-03	47	46	-4	NE	4	o	*	57	47	-	*	-	
	Hernösand...	29.85	51	Z	0	b	29.86	-00	54	49	-1	NE	4	c	*	57	43	-	*	0.12	
	Stockholm...	29.84	54	W	2	o	29.84	-00	56	50	+1	N	4	b	*	57	46	-	*	-	
	Wisby...	29.84	55	Z	0	c	29.84	-00	54	51	+2	NW	2	c	*	57	46	-	*	0.04	
	Karlstad...	29.89	58	NNE	2	bc	29.93	-02	56	50	+3	NE	4	b	*	57	46	-	*	-	
	Færder (X'ania Fjord)	29.89	60	WSW	2	b	29.97	-02	54	50	+1	NNE	3	b	2	60	52	-	*	-	
	Bodö...	30.08	51	NNW	2	c	30.00	-01	50	48	+1	NW	2	o	1	54	46	-	*	-	
	Christiansund	30.09	49	NE	2	c	30.04	-10	51	46	+4	NE	5	b	3	52	45	-	*	-	
Skudesnaes	29.93	55	NNW	4	b	29.95	-04	54	51	-1	Z	0	b	1	57	46	b	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.05	49	NE	2	o	30.01	-10	50	46	+1	NE	3	o	4	52	47	o	*	-	
	Stornoway...	29.90	64	SE	1	b	29.92	-07	53	53	-3	SE	2	o	2	67	51	b, t	14.8	0.10	
	Malin Head...	29.84	56	SE	4	ogm	29.86	-01	61	58	+8	SSW	3	b	2	61	51	r, og, p	*	0.31	
	Blacksod Pt. ...	29.81	63	WSW	2	bc, pm	29.80	+03	60	57	+1	SSE	4	cm	4	66	58	bc, bcp	*	-	
	Valencia...	29.82	61	SSE	4	cp	29.77	-03	57	56	-2	SSE	3	rgm	3	65	56	c, cp	8.6	0.16	
	Roche's Point...	29.90	64	SSW	3	o	29.88	+02	61	59	0	SSW	3	o	3	65	59	c, p, o	*	0.02	
	Parsonstown...	29.86	66	NW	1	bc	29.87	+05	62	59	+2	E	3	bc	*	71	56	b, bc	8.2	-	
	Donaghadee...	29.89	57	SE	3	c	29.94	+01	57	56	+2	S	2	b	2	57	50	cp, f	*	0.01	
	Liverpool Obsy...	29.93	65	Z	0	bc	29.98	+03	62	56	+3	Z	0	b	2	69	55	o, bc	*	-	
	Holyhead...	29.93	60	SW	3	b	29.96	+06	63	61	+3	S	2	b	1	64	55	cm, b	*	-	
	Pembroke (St Ann's)	29.95	60	SW	3	bc	29.96	+07	60	59	+1	S	3	bc	2	64	57	c, bc	10.1	-	
	Scilly (St. Mary's)...	29.96	64	WSW	3	bc	29.95	+04	61	58	-1	S	3	c	3	66	58	bc, c	13.0	0.07	
	Jersey (St. Aubins)...	30.09	66	WNW	3	bc	30.05	+06	62	60	0	WSW	3	c	3	71	53	og, b, bc	13.0	-	
	Portland Bill...	29.99	63	WSW	4	b	30.03	+11	60	59	0	Z	0	b	0	64	58	b, c	*	-	
	Dungeness...	29.93	64	WSW	6	c	29.99	+04	65	60	+3	W	2	bc	2	67	56	bc, c	11.1	-	
	Wick...	30.00	52	E	2	o	30.00	-07	52	48	-2	E	2	o	2	58	49	-	*	-	
	Nairn...	29.90	60	E	2	b	29.95	-10	53	52	+3	E	1	r	1	63	48	-	*	0.12	
	Aberdeen...	30.02	53	SE	3	o	30.00	-08	51	50	-1	E	3	o	2	55	50	o, air	0.0	0.10	
	Leith...	29.98	55	SE	3	o	29.95	-06	56	55	0	ENE	1	bc	*	61	54	-	*	0.06	
	North Shields...	29.99	57	ESE	3	o	29.96	-07	59	56	+2	SSW	1	cm	2	60	54	c, p, o	*	-	
	Spurn Head...	29.97	59	E	4	c	30.01	-01	59	57	+1	SE	1	c	2	61	55	-	*	-	
	Yarmouth...	29.95	62	ENE	3	b	29.95	-06	63	60	+4	ENE	3	bc	3	63	58	bc, b	*	-	
	Clacton-on-Sea...	29.93	64	E	4	bc	29.97	-02	59	58	-1	NW	2	om	1	65	53	bc, c, f	7.7	-	
	Nottingham...	29.93	68	NE	1	c	29.99	-00	57	56	-2	NE	1	om	*	70	50	c	2.9	-	
Bath...	29.96	72	NW	3	b	30.01	+11	64	57	+1	W	1	o	*	7	51	-	7.5	-		
Oxford...	29.94	66	W	1	b	30.01	+08	63	58	0	SW	1	b	*	73	53	c, b	*	-		
London (Brixton)...	29.92	75	SW	2	bc	29.99	+05	64	59	+1	Z	0	b	*	78	54	b, c, b	9.7	-		
GERMANY, &c.	The Scaw (Skagen)	29.93	55	WNW	1	bc	29.94	-06	59	56	+1	N	1	b	0	66	54	-	*	-	
	Fanö...	29.98	55	WNW	2	o	29.98	-07	56	51	0	NW	2	o	*	63	54	-	*	-	
	Cuxhaven...	30.01	62	NW	3	b	29.99	-07	58	53	-1	N	1	o	*	63	54	-	*	-	
	The Helder...	29.96	63	ENE	2	c	29.96	-08	63	58	+3	ESE	1	c	0	64	57	-	*	-	
	Brussels...	*	*	*	*	*	30.00	-02	59	58	-2	SW	2	+	*	83	53	-	*	-	
	Berlin...	29.95	68	NW	1	b	29.94	-08	64	57	+5	SW	1	b	*	75	55	-	*	-	
	Frankfurt...	29.96	67	N	1	bc	29.96	-07	64	62	+2	N	2	c	*	81	55	-	*	-	
	Munich...	30.02	71	NW	1	c	30.05	-01	70	60	+6	Z	0	bc	*	79	61	-	*	-	
FRANCE.	C. Gris Nez...	29.95	63	SW	4	b	29.97	+02	62	60	+6	W	4	bc	4	70	56	-	*	-	
	Brest...	30.03	66	SW	2	b	30.04	+04	63	60	+1	SW	2	bc	2	70	61	-	*	-	
	Lorient...	30.02	70	WNW	2	b	30.01	-02	65	64	+1	E	2	c	2	81	63	-	*	-	
	Rochefort...	30.11	70	NW	4	b	30.11	+02	66	63	-3	ENE	2	b	*	79	63	b	*	-	
	Biarritz...	30.10	72	N	3	o	30.07	-05	70	66	+1	E	1	b	0	77	64	-	*	-	
	Paris...	29.99	74	NNE	3	bc	30.08	+13	63	57	-3	Z	0	c	*	83	54	-	*	-	
	Belfort...	29.87	83	WSW	3	m	29.97	-00	64	62	+3	WSW	6	m	*	89	59	-	*	-	
	Lyons...	29.91	85	NNE	1	b	30.06	+09	70	64	-4	NW	1	bc	*	94	64	-	*	-	
	Nice...	29.86	78	SE	2	bc	29.94	+09	77	71	+1	ENE	1	b	1	88	71	-	*	-	
	Perpignan...	29.93	80	NW	4	b	29.97	+03	76	68	-1	W	2	b	*	91	64	-	*	-	
SPAN. PEN.	Corunna...																	*	-		
	Lisbon...																	*	-		
	Azores (P. Delgada)...	30.06	68	SSW	4	b	30.05	-03	68	67	-1	S	4	o	3	73	66	-	*	-	
„ (Horta)...	30.02	68	Z	0	o	30.03	-00	65	64	-1	NNE	1	o	1	73	64	-	*	0.08		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR *Thursday, 21<sup>st</sup> July, 1904.*

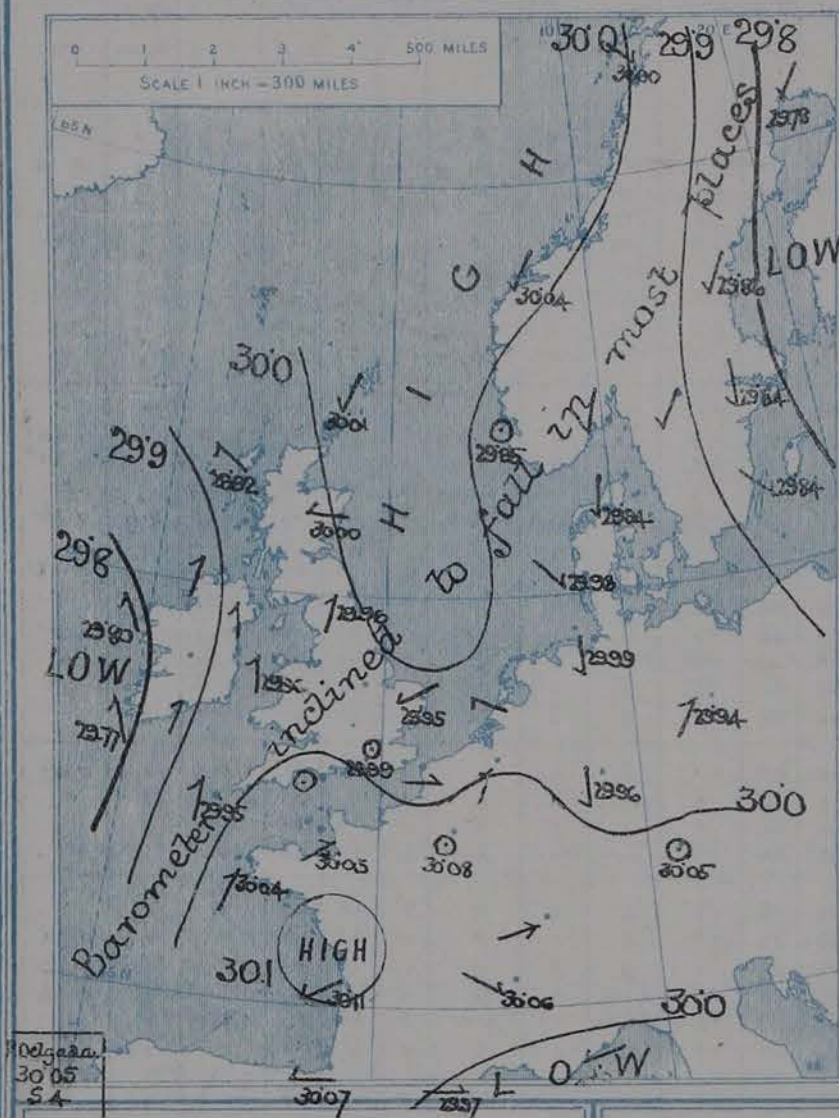
## I. BAROMETER, WIND AND SEA. *This Morning.*

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 

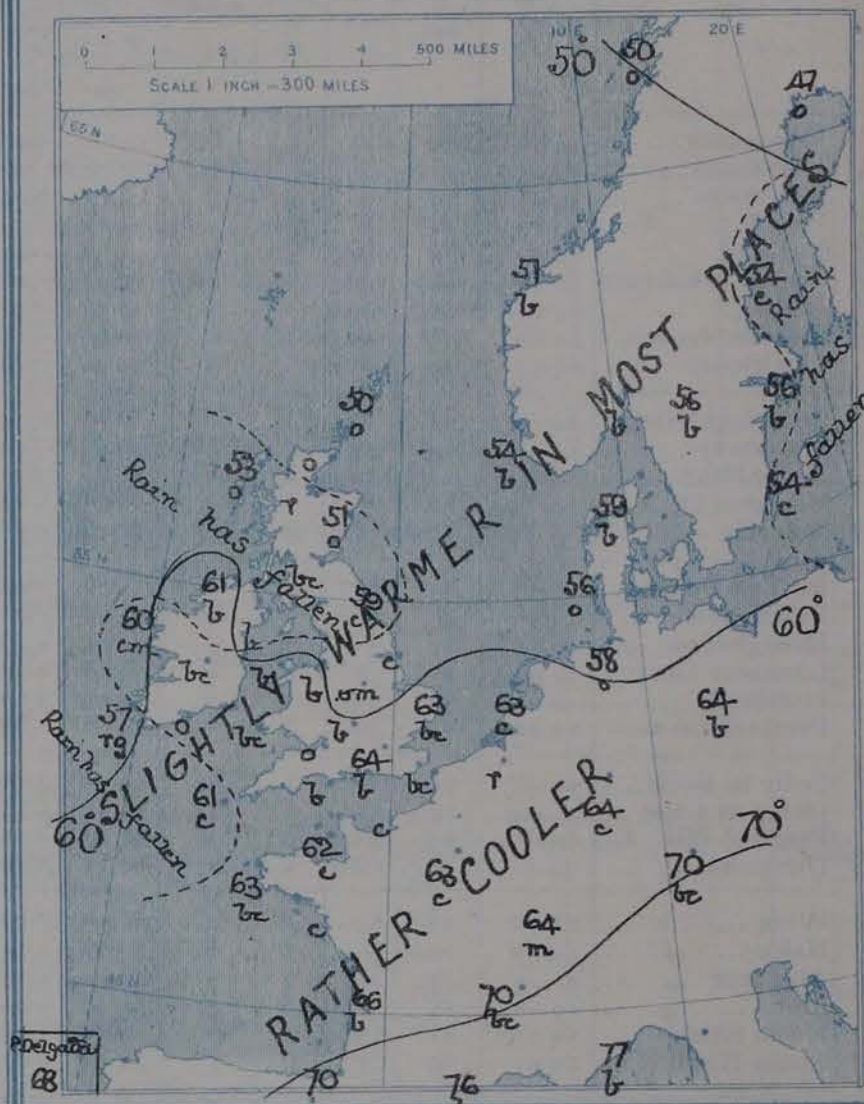


## II. TEMPERATURE AND WEATHER. *This Morning.*

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. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Sat<sup>y</sup> 16<sup>th</sup> JULY with the percentage of the average duration for the corresponding week.



V. Means of DAILY TEMPERATURE at 8 A.M. for the Month of JULY. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The general distribution of pressure is becoming somewhat irregular. The highest barometrical readings, 30.0 ins. to 30.1 ins. are found in two large areas, - one lying over France and the southern parts of England and Germany, and the other over the North Sea and the west of Norway. Two systems of low pressure (29.8 ins. and less) are also shown, - one over Finland and the other off the west of Ireland. The barometrical changes are at present slight and rather irregular; in most places the mercury shows a downward tendency.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Under the influence of the western depression the wind has backed to the Southward on all our western coasts; in Scotland it is light from the Eastward. Over the greater part of England, France, Germany and the Netherlands light variable airs are reported; in Scandinavia and Denmark the wind is chiefly Northerly. Temperature has risen in most places, and is slightly above the average in England and Ireland, the morning readings being as a rule a little above 60°. Over the greater part of France the thermometer ranges between 65° and 70°, while in the south of that country it is above 70°, the reading at Nice being as high as 77°. With the Easterly winds in Scotland the weather remains very cool, the thermometer being below 55° at all the more northern stations. The weather is fair or fine over Western Europe as a whole, but is dull in the south of Ireland and the north of Scotland, with rain at Valencia and Nairn. Rain is also falling at Brussels. The sea is slight or smooth on nearly all coasts.

During yesterday the thermometer rose to 70° and upwards at most of our central and southern stations, the highest reading recorded in these islands being 78° in London. At Brussels and Paris the thermometer rose to 83°, while in the south of France it exceeded 90°. The duration of bright sunshine was as a rule much smaller than of late; at Scilly and Jersey, however, it amounted to 13 hours, and at Stornoway to 14.8 hours. Slight rain fell yesterday at several of our western and northern stations.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which is approaching Ireland will probably cause a renewal of unsettled weather in most districts, commencing to day in the west, and extending further eastwards to morrow. Temperature is likely to remain low in Scotland, but rather high over England and Ireland.

## FORECASTS\*

For the 24 hours ending at NOON on July 22<sup>nd</sup> 1904.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	E <sup>ly</sup> and SE <sup>ly</sup> winds, light; generally fair to day, becoming unsettled to morrow, probably some rain.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	Variable breezes, finally S <sup>ly</sup> ; generally fair to day, becoming unsettled to morrow, probably some rain.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as Nos 0 to 2.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	S <sup>ly</sup> winds, light or moderate; fair at first, some rain later, thunder in places.
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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m.	67	54	o, c, m	0.9	0.03	Hastings	*	*	*	9.0	*
Southport, to 9 p.m.	68	55	c, o, b	1.3	-	Broadstairs, ...	*	*	*	7.0	*
Rhyl, to 6 p.m.	*	*	*	2.1	*	Margate, to 6 p.m.	72	59	r, c, b	7.7	0.03
Llandudno	*	*	*	7.1	*	Lowestoft, to 6 p.m.	64	56	bc, o, p, c	6.0	-
Bettws-y-Coed, to 6 p.m.	69	54	c, b	1.2	*	Skegness	65	*	*	3.4	*
Aberystwyth, to 6 p.m.	65	59	r, o, c	6.0	0.40	Scarborough, ...	65	*	*	2.4	*
Plymouth, to 9 p.m.	*	*	*	*	*	Harrogate, to 6 p.m.	67	50	b, c, p, c	1.6	0.01
Bournemouth,	72	59	llr, b	9.2	0.18	Manchester, to 9 p.m.	69	56	bc, r, c, w	2.2	0.01
Worthing	*	*	*	7.8	*	Darwen, to 9 p.m.	65	52	omp, od	1.9	0.01
Brighton, ...	68	*	*	8.1	*	Birmingham, to 9 p.m.	67	54	o, c	0.3	0.03
Eastbourne, to 6 p.m.	68	*	*	8.0	*						

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

STATIONS. 20 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen	64	54	bc, b	-	Rome	94	69	b, c	-
St. Petersburg	57	45	o, o	-	Naples	87	75	b, c	-
Moscow	*	*	o, o	0.08	Malta	86	74	b	-
Cracow	72	52	o, b	-	19 <sup>th</sup> July, 1904.				1 p.m.
Flushing	86	55	b, c	-	Geneva	82	*	b	Measured 7 a.m.
Aix-la-Chapelle	*	*	bc, bc	-	Berne	84	*	b	0.04
Vienna	79	61	b, b	-	Lucerne	81	*	b	-
Buda Pesth	82	61	c, b	-	Castasegna	84	*	b	-
Hermanstadt	Not received.				Lugano	91	*	b	-
Florence	92	72	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.

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

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

21 <sup>st</sup> July, 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.56	11.59	8.2
Greenwich	4.9	12.6	8.3
Wick	3.41	12.18	8.55
Valencia	4.47	12.47	8.48

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on *Friday 22<sup>nd</sup> July* 1904.  
 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.)	Temp.		Weather	Sun- shine Hours.	Rainfall. ins.		
At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°			°	°									
SCANDINAVIA	Haparanda...	29.81	52	NE	2	o	29.84	+06	51	46	+4	N	4	o	*	54	47	-	*	-	
	Hernösand...	29.90	50	SE	2	c	29.93	+07	54	50	o	N	2	o	*	63	48	-	*	-	
	Stockholm...	29.88	56	W	2	o	29.95	+11	60	53	+4	Z	o	b	*	63	50	-	*	0.04	
	Wisby...	29.90	53	Z	o	bc	29.95	+11	60	57	+6	Z	o	c	*	57	52	-	*	-	
	Karlstad...	29.88	63	W	2	b	29.94	+01	58	51	+2	Z	o	b	*	*	*	-	*	-	
	Færder (X'ania Fjord)	29.92	62	WSW	2	b	29.94	-03	61	57	+7	SW	2	c	2	64	54	-	*	-	
	Bodö...	30.01	51	N	2	c	30.00	00	51	46	+1	N	2	b	1	54	48	-	*	-	
	Christiansund...	30.03	51	NNE	6	b	30.04	00	50	46	-1	NE	5	o	3	55	48	-	*	-	
Skudesnaes...	29.99	55	Z	o	b	29.98	+03	54	49	o	W	2	o	1	57	50	b	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.03	51	NE	1	o	30.01	00	50	48	o	NNE	1	c	3	53	45	o	*	0.01	
	Stornoway...	29.96	60	E	2	o	29.98	+06	55	53	+2	E	2	o	2	60	47	o	0.2	0.01	
	Malin Head...	29.87	58	SW	4	c	29.90	+04	57	56	-4	ESE	2	c	1	68	53	bc,c	*	0.05	
	Blacksod Pt. ...	29.82	61	SSW	3	cp	29.83	+03	58	56	-2	ESE	3	opm	3	64	53	tm, cp	*	0.04	
	Valencia...	29.86	61	SSW	3	c	29.82	+05	58	57	+1	SSE	2	o	4	64	55	cp, c	5.3	0.63	
	Roche's Point...	29.89	62	SSW	3	c	29.89	+01	59	58	-2	SSW	3	tm	3	62	57	o, cp	*	0.14	
	Parsonstown...	29.85	62	SW	1	c	29.88	+01	59	57	-3	SE	2	o	*	66	54	cp, c	1.3	0.14	
	Donaghadee...	29.94	57	SE	4	cm	29.95	+01	56	55	-1	SE	2	cm	3	62	54	c, m	*	-	
	Liverpool Obsy...	29.97	63	N	1	bc	30.01	+03	67	59	+5	S	1	c	1	69	58	bc	*	-	
	Holyhead...	30.00	63	SSW	2	c	29.99	+03	62	60	-1	SSW	2	bc	1	67	57	bc, c, b	*	-	
	Pembroke (St Ann's)	29.96	60	SSW	4	c	29.98	+02	59	59	-1	SSW	3	cp	4	64	57	bc, c, p	7.9	0.07	
	Scilly (St. Mary's)	30.00	63	SSW	3	c	29.96	+01	61	60	o	S	3	+	4	66	58	c, o	9.5	0.06	
	Jersey (St. Aubins)	30.07	67	SSE	2	o	30.11	+06	64	60	+2	SW	3	b	3	70	54	c, og, bc	6.5	-	
	Portland Bill...	30.04	62	WSW	2	bc	30.09	+06	60	59	o	SW	3	c	2	66	58	b, f, bc	*	-	
	Dungeness...	29.99	64	WNW	5	bc	30.08	+07	65	62	o	W	3	bc	1	68	56	bc	12.3	-	
	Wick...	29.99	50	E	1	o	30.01	+01	51	48	-1	E	1	o	2	58	48	-	*	-	
	Nairn...	29.99	55	E	1	b	29.99	+04	55	54	+2	Z	o	m	1	60	51	-	*	-	
	Aberdeen...	30.01	54	ESE	2	o	30.01	+01	57	55	+6	NE	1	o	2	57	51	o	0.0	-	
	Leith...	29.95	60	NE	1	b	30.00	+05	57	56	+1	Z	o	c	*	65	55	-	*	-	
	North Shields...	29.97	59	SE	2	c	30.00	+04	59	58	o	Z	o	m	2	63	54	c, m	*	-	
	Spurn Head...	30.01	59	ESE	4	c	30.02	+01	62	60	+3	SW	1	b	1	64	57	c, p	*	0.01	
Yarmouth...	30.00	64	ESE	3	b	30.01	+06	61	60	-2	SSE	2	cf	3	67	60	b	*	-		
Clacton-on-Sea...	29.99	65	E	2	bc	30.06	+09	67	63	+8	WSW	2	b	2	71	56	c, bc, b	8.5	-		
Nottingham...	29.96	73	SW	1	bc	30.01	+02	66	60	+9	WSW	1	b	*	75	55	c, bc	5.6	-		
Bath...	30.01	65	NW	2	b	30.06	+05	64	57	o	?	3	c	*	78	56	-	8.5	-		
Oxford...	30.00	65	WSW	1	bc	30.07	+06	61	59	-2	Z	o	bc	*	76	55	b, bc, c	*	-		
London (Brixton)	30.00	72	SW	3	c	30.07	+08	62	58	-2	SW	2	b	*	80	54	c, b, o	9.5	-		
GERMANY, &c.	The Scaw (Skagen)	29.97	55	NW	2	b	29.99	+05	57	53	-2	N	2	c	o	66	52	-	*	-	
	Fanö...	30.03	53	W	2	c	30.06	+08	58	51	+2	W	2	o	*	63	52	-	*	-	
	Cuxhaven...	30.03	61	NNW	2	b	30.06	+07	59	54	+1	NW	2	o	*	63	55	-	*	-	
	The Helder...	30.00	62	NE	1	c	30.05	+09	64	60	+1	SE	1	bc	o	68	55	-	*	-	
	Brussels...	*	*	*	*	*	30.11	+11	66	59	+7	NW	2	b	*	79	52	-	*	-	
	Berlin...	29.94	69	W	2	b	30.06	+12	63	58	-1	Z	o	bc	*	77	59	-	*	-	
	Frankfurt...	30.00	68	NW	1	b	30.09	+13	68	64	+4	S	2	b	*	82	59	-	*	-	
	Munich...	30.02	77	W	3	bc	30.17	+12	69	60	-1	W	3	b	*	84	63	-	*	-	
FRANCE.	C. Gris Nez...	30.01	62	SW	2	bc	30.08	+11	62	61	o	SW	2	c	3	68	59	-	*	-	
	Brest...	30.08	65	NNE	2	bc	30.08	+04	62	61	-1	SSW	3	o	3	72	59	-	*	-	
	Lorient...	30.10	71	W	3	b	30.08	+07	64	61	-1	WSW	2	b	2	81	61	-	*	-	
	Rochefort...	30.12	73	NW	4	c	30.17	+06	66	64	o	ENE	2	bc	*	77	61	c	*	-	
	Biarritz...	30.13	75	NW	2	b	30.15	+08	72	66	+2	Z	o	b	1	77	68	-	*	-	
	Paris...	29.99	75	NNE	2	bc	30.11	+03	67	59	+4	NE	2	b	*	81	59	-	*	-	
	Belfort...	29.95	73	WSW	5	c	30.06	+09	65	58	+1	E	2	m	*	82	58	-	*	-	
	Lyons...	29.97	83	NE	1	b	30.09	+03	70	63	o	N	2	bc	*	89	65	b, tr	*	-	
	Nice...	29.95	79	NW	2	bc	30.00	+06	78	74	+1	NE	1	b	o	88	68	-	*	-	
Perpignan...	29.94	81	ENE	2	o	30.03	+06	79	71	+3	W	2	b	*	88	70	-	*	-		
SPAN. PEN.	Corunna...																		*	-	
	Lisbon...	30.12	65	NNW	5	b	30.12	+02	69	62	+3	NNW	4	b	*	77	61	-	*	-	
	Azores (P. Delgada)...	30.10	65	Z	o	c	30.12	+09	63	60	-2	Z	o	b	1	72	61	-	*	0.04	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR FRIDAY, 22<sup>nd</sup> JULY. 1904.

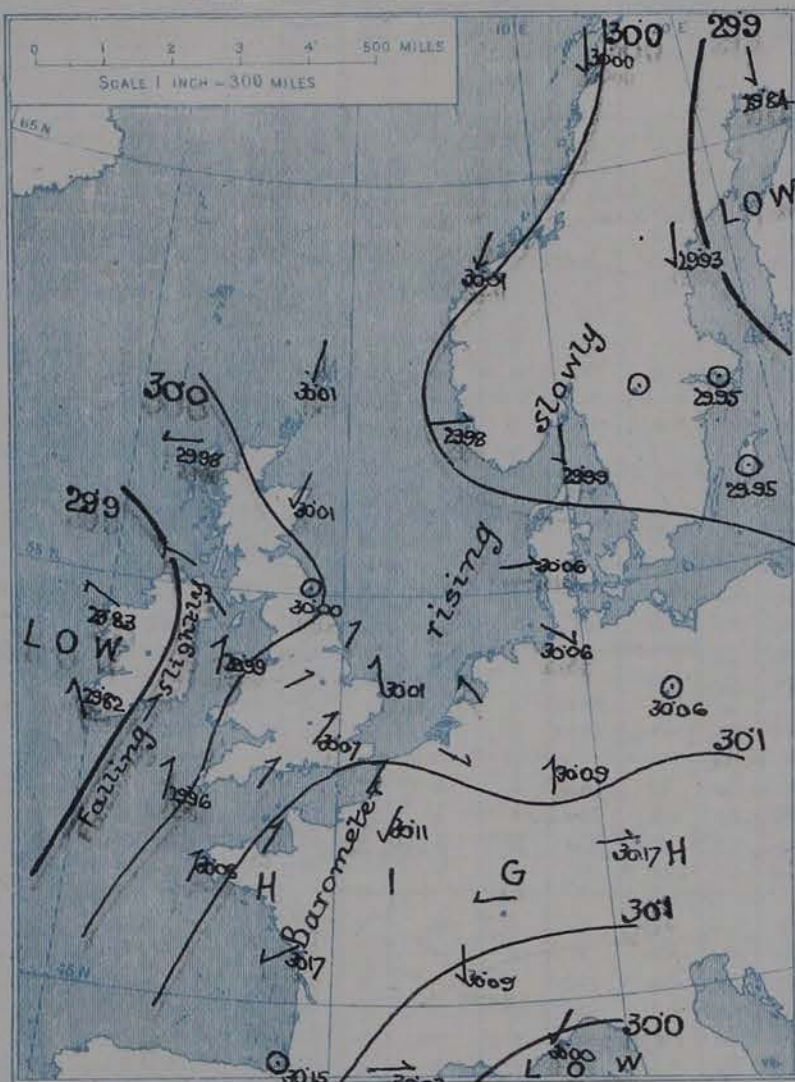
## I. BAROMETER, WIND AND SEA. This Morning.

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

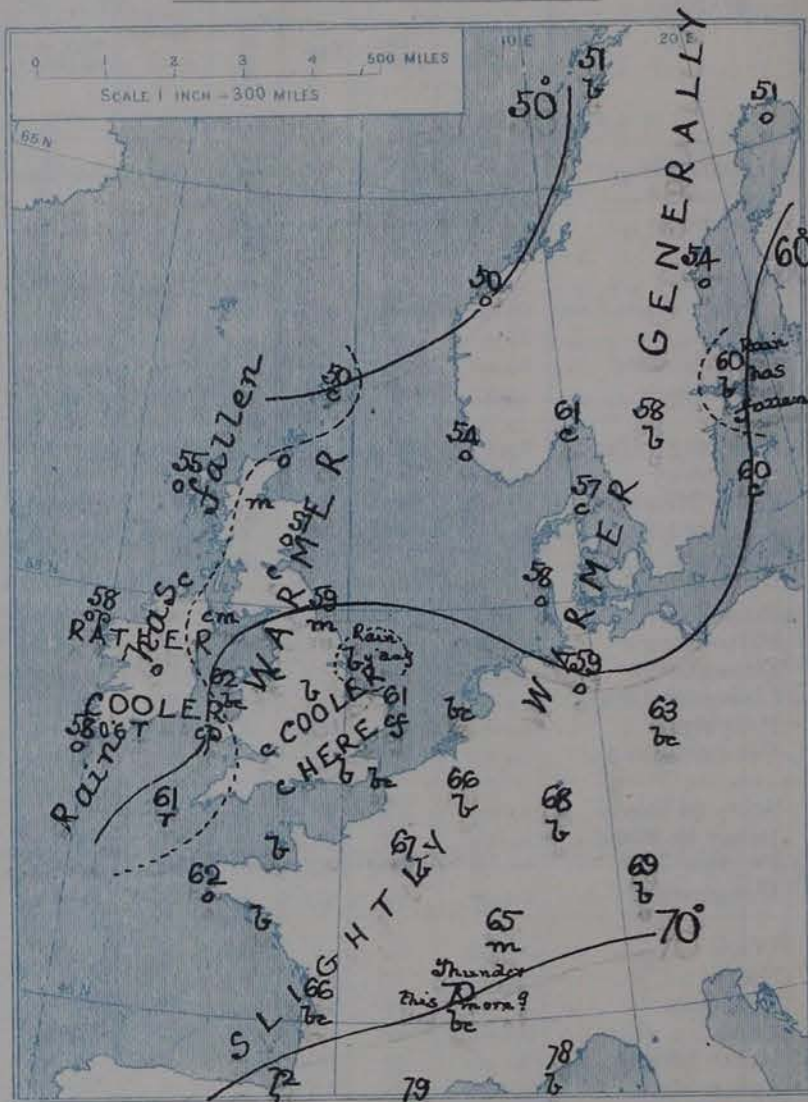


## II. TEMPERATURE AND WEATHER. This Morning.

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. RAINFALL IN 1904.

Total Amount recorded in various districts of the United Kingdom in the 28 weeks ended Saturday 16<sup>th</sup> JULY, with the percentage of the average amount for the corresponding period.



V. Means of DAILY TEMPERATURE at 8 A.M. for the Month of JULY. (1871-1900.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The general distribution of pressure remains very similar to that of yesterday. The barometer is highest, 30.1 ins. and upwards, over France and South Germany, but is high, 30.0 ins. and upwards, over England, the Netherlands, Denmark North Germany, the North Sea and the west of Norway. The lowest readings, 29.9 ins. and less, are found in two areas, - one lying over Ireland, and the other over Finland and the Gulf of Bothnia. On our South-west coasts the barometer is falling slightly, but in nearly all other parts of Western Europe a gradual rise is in progress.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light from the Southward or South Westward over England and the south of Ireland, but is South Easterly in the north of Ireland, and calm or very light from the Eastward in Scotland. Over the western parts of the Continent it is very variable, but in the north of Scandinavia it is moderate from the Northward. Temperature has risen over Western Europe as a whole, but has fallen slightly in Ireland, Wales and some portions of the South and east of England. In many parts of England, France, Belgium and Germany, the thermometer is above 65°, while in the south of France it is above 70°, the highest readings reported being 79° at Perpignan and 78° at Nice. In Ireland and Scotland the readings are below 60°, and in the north of Scotland below 55°, the thermometer at Sumburgh Head standing as low as 50°. The weather is fine over the greater part of England, as well as at most of the continental stations, but is cloudy and showery in Ireland and Wales; steady rain is falling at Roches Point and Scilly. The sea is slight or smooth generally, but moderate off our South west coasts.

During yesterday the thermometer rose to 75° and upwards in many parts of England and to 80° in London. In France and western and southern Germany it exceeded 80°, the highest reading reported being 89° at Lyons. The amount of bright sunshine was again large at some of the English Channel stations (more than 12 hours at Hastings and Littlestone on Sea) but only moderate elsewhere. Rain has fallen at many places in the west, - heavily at Valencia. Thunder and rain occurred at Lyons early this morning.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which is approaching our South-west coasts will probably move northwards and occasion rain at many places in the west and north.

Local showers may possibly be experienced over England, but in many parts of our eastern and south-eastern districts the weather is likely to remain fair and dry.

## FORECASTS\*

For the 24 hours ending at NOON on *July 23<sup>rd</sup>* 1904.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	} Light breezes, chiefly Ely; cloudy, cool, slight rain in places.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	SEly winds, light; fine at first, some showers later, thunder locally.
3	{ ENGLAND EAST	} SEly and SWly winds, light; fair and warm generally, but thunder showers not improbable in places.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	} SEly to Sly winds, light; fair at first, some rain later, thunder locally.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	Sly to SWly winds, moderate; changeable, showery, thunder locally.
9	{ IRELAND NORTH	} SEly and Sly winds, moderate; cloudy, showery.
10	{ IRELAND SOUTH	

### WARNINGS

NONE ISSUED.

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	69	51	c, b, c	6.9	0.06	Hastings ... ..	*	*	*	12.2	*
Southport, to 9 p.m....	71	51	bc, o	5.7	-	Broadstairs, ... ..	*	*	*	9.5	*
Rhyl, to 6 p.m. ....	*	*	*	6.3	*	Margate, to 6 p.m. ...	74	58	b, w	8.4	-
Llandudno ... ..	*	*	*	6.9	*	Lowestoft, to 6 p.m....	66	58	c, o, c	3.6	-
Bettws-y-Coed, to 6 p.m....	69	50	c, bc, c	3.7	*	Skegness ... ..	66	*	*	6.2	*
Aberystwyth, to 6 p.m. ...	67	62	c	8.2	-	Scarborough, ... ..	64	*	*	6.2	*
Plymouth, to 9 p.m....	67	57	bc	11.2	-	Harrogate, to 6 p.m. ...	68	51	c, p	4.6	0.01
Bournemouth, to 6 p.m. ...	71	56	bc	10.7	-	Manchester, to 9 p.m. ...	75	55	b, bc, o	8.2	-
Worthing ... ..	*	*	*	12.0	*	Darwen, to 9 p.m. ...	69	51	o, c, op	3.8	-
Brighton, ... ..	74	*	*	11.7	*	Birmingham, to 9 p.m. ...	75	53	c, bc, o	6.0	-
Eastbourne, to 6 p.m. ...	69	*	*	11.7	*						

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

STATIONS. 21 <sup>st</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	66	55	c, o	-	Rome ... ..	94	75	b, bc	-
St. Petersburg ... ..	59	48	o, o	-	Naples ... ..	86	73	o, b	-
Moscow ... ..	*	*	r, r	0.16	Malta ... ..	86	73	b	-
Cracow ... ..	70	54	c, o	-	20 <sup>th</sup> July, 1904				
Flushing ... ..	72	61	o, o	0.04	Geneva ... ..	82	*	b	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	o, bc	-	Berne ... ..	86	*	b	-
Vienna ... ..	73	55	b, b	-	Lucerne ... ..	81	*	b	-
Buda Pesth ... ..	79	61	b, c	-	Castasegna ... ..	79	*	b	-
Hermanstadt ... ..	68	50	b, b	-	Lugano ... ..	90	*	b	-
Florence ... ..	94	71	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.

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

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

22 <sup>nd</sup> July, 1904	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.58	11.59	8.0
Greenwich ... ..	4.10	12.6	8.2
Wick ... ..	3.43	12.18	8.53
Valencia ... ..	4.48	12.47	8.46

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

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on *Saturday 23<sup>rd</sup> July, 1904.*

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Temp.		Weather	Sun- shine Hours.	Rainfall. Ins.
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 82° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.			
SCANDINAVIA	Haparanda...	29.88	52	?	2	o	29.85	+01	53	47	+2	N	2	bc	*	61	48	-	*	-	
	Hernösand...	29.92	52	Z	0	b	29.91	-02	55	50	+1	Z	0	b	*	63	43	-	*	-	
	Stockholm...	29.93	58	S	2	o	29.89	-06	64	56	+4	W	2	b	*	70	50	-	*	-	
	Wisby...	29.95	59	SSE	2	bc	29.94	-01	60	57	0	WSW	2	b	*	64	50	-	*	-	
	Karlstad...	29.92	63	SW	2	b	29.96	+02	55	51	-3	WNW	2	c	*	*	*	-	*	-	
	Færder (X'ania Fjord)	29.93	58	S	4	c	29.93	-01	59	55	-2	E	1	c	0	61	57	-	*	-	
	Bodö...	29.99	51	NE	2	b	29.95	-05	49	45	-2	SW	4	o	2	52	48	-	*	-	
	Christiansund...	30.01	52	NE	3	b	30.02	-02	51	48	+1	NW	1	o	1	54	45	-	*	-	
Skudesnaes...	30.02	55	NW	2	bc	30.03	+05	55	52	+1	N	4	o	2	59	54	o, bc	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.03	50	Z	0	o	30.04	+03	49	47	-1	Z	0	o	1	52	47	o	*	0.01	
	Stornoway...	29.99	60	ESE	3	b	29.99	+01	56	55	+1	Z	0	o	0	65	48	b, o	9.1	-	
	Malin Head...	29.89	60	SSW	2	o	29.92	+02	57	57	0	E	2	c	1	66	53	bc, o, f	*	0.01	
	Blacksod Pt. ...	29.85	65	SSW	2	cm	29.94	+11	61	58	+3	SSE	2	bc	3	66	58	cp, cm	*	0.20	
	Valencia...	29.84	59	SSE	3	p	29.87	+05	58	57	0	Z	0	op	3	63	53	p, o	1.3	0.34	
	Roche's Point...	29.92	62	SSW	3	o	29.90	+01	60	60	+1	SE	2	og	2	62	57	m, c, o	*	0.13	
	Parsonstown...	29.89	65	ESE	1	o	29.92	+04	60	58	+1	Z	0	c	*	68	53	p, o, t	2.1	0.40	
	Donaghadee...	29.96	58	SSE	3	bc	29.91	-04	54	54	-2	ESE	1	f	1	61	54	bc, f	*	0.42	
	Liverpool Obsy...	29.98	64	NW	1	p	29.96	-05	65	61	-2	SSE	1	o	1	70	59	bc, p	*	0.01	
	Holyhead...	29.97	60	S	1	dm	29.96	-03	60	59	-2	S	1	c	1	67	57	cm, d, o	*	0.12	
	Pembroke (St Ann's)	29.96	60	S	2	o	29.92	-06	60	60	+1	NE	1	bc	2	62	57	cp, op	2.3	0.05	
	Scilly (St. Mary's)...	29.97	62	SSW	3	o	29.92	-04	61	60	0	NNE	1	opm	2	64	59	r, o	0.2	0.48	
	Jersey (St. Aubins)...	30.08	67	ESE	2	b	30.03	-08	68	63	+4	SE	3	b	3	69	57	cu, bc	12.5	-	
	Portland Bill...	30.07	62	SW	3	c	30.02	-07	63	60	+3	SSW	2	c	1	67	59	bc, c	*	-	
	Dungeness...	30.06	66	W	3	bc	30.03	-05	66	61	+1	SE	1	bc	0	68	56	bc	12.2	-	
	Wick...	30.00	52	E	1	o	30.01	00	54	53	+3	SE	1	o	1	58	50	-	*	-	
Nairn...	30.01	55	E	2	m	30.01	+02	56	55	+1	Z	0	m	1	60	52	-	*	-		
Aberdeen...	30.02	57	NE	2	c	30.03	+02	54	53	-3	NE	2	o	2	62	53	b, bc, c, o	2.1	-		
Leith...	29.99	60	E	1	r	29.99	-01	56	56	-1	ENE	1	o	*	68	54	-	*	0.10		
North Shields...	29.98	60	ESE	1	c	30.00	00	58	58	-1	NNE	2	f	2	63	54	r, c, f	*	0.19		
Spurn Head...	29.98	66	SSE	2	c	30.02	00	67	63	+5	SW	3	bc	1	70	60	-	*	-		
GERMANY, &c.	Yarmouth...	30.00	68	W	2	bc	30.02	+01	68	62	+7	W	3	bc, m	2	70	61	bc	*	-	
	Clacton-on-Sea...	30.04	68	SSE	2	c	30.06	00	68	64	+1	SE	2	bc	2	76	60	bc, c	13.5	-	
	Nottingham...	30.00	71	SW	1	c	30.01	00	64	61	-2	SW	1	o	*	75	60	c	6.4	-	
	Bath...	30.04	66	NW	2	bc	30.00	-06	65	61	+1	S	2	o	*	71	60	-	3.0	0.09	
	Oxford...	30.05	66	SSW	1	bc	30.02	-05	64	60	+3	S	1	bc	*	74	60	bc	*	-	
	London (Brixton)...	30.05	71	SW	3	bc	30.04	-03	66	61	+4	S	1	bc	*	80	59	b, c, bc	6.3	-	
	The Scaw (Skagen)	29.99	56	W	3	c	29.94	-05	59	54	+2	WNW	4	c	1	61	55	-	*	-	
	Fanö...	30.10	58	WSW	2	o	30.11	+05	60	57	+2	WSW	2	o	*	63	55	-	*	-	
Cuxhaven...	30.11	62	NW	2	b	30.12	+06	58	55	-1	SSW	2	b	*	63	52	-	*	-		
FRANCE.	The Helder...	30.04	68	S	1	b	30.04	-01	68	64	+4	SSW	1	bc	0	72	52	-	*	-	
	Brussels...	*	*	*	*	*	30.08	-03	72	62	+6	E	1	b	*	81	57	-	*	-	
	Berlin...	30.04	71	NW	2	b	30.13	+07	61	55	-2	NW	2	b	*	77	55	-	*	-	
	Frankfurt...	30.07	70	N	1	b	30.12	+03	67	63	-1	NE	2	c	*	81	59	-	*	-	
	Munich...	30.13	73	W	2	bc	30.18	+01	68	62	-1	S	2	b	*	81	57	-	*	-	
	C. Gris Nez...	30.08	66	SW	3	bc	30.05	-03	68	61	+6	Z	0	b	1	70	57	-	*	-	
	Brest...	30.08	63	S	3	o	29.98	-10	61	61	-1	S	4	t	3	70	61	-	*	0.39	
	Lorient...	30.08	70	WSW	2	bc	30.04	-04	67	63	+3	SW	4	c	2	77	63	-	*	-	
	Rochefort...	30.15	72	NW	3	bc	30.15	-02	67	63	+1	ENE	1	b	*	77	63	o, bc	*	-	
	Biarritz...	30.15	76	WNW	1	b	30.13	-02	71	67	-1	Z	0	c	0	79	66	-	*	-	
	Paris...	30.05	69	NE	2	b	30.09	-02	66	60	-1	Z	0	b	*	85	58	-	*	-	
	Belfort...	29.96	81	W	3	bc	30.06	00	66	60	+1	E	2	c	*	86	62	-	*	-	
	Lyons...	30.08	67	NNW	1	o	30.09	00	68	64	-2	N	1	bc	*	92	62	tl, r, o	*	0.28	
	Nice...	30.06	69	E	1	t	30.02	+02	80	67	+2	Z	0	b	0	88	68	-	*	0.08	
	Perpignan...	29.96	82	NE	3	b	30.04	+01	77	72	-2	Z	0	b	*	89	67	b, t	*	-	
	SPAN. PEN.	Corunna...																		*	-
Lisbon...		30.13	68	NNW	5	b	30.13	+01	70	63	+1	NW	3	b	*	81	63	-	*	-	
Azores (P. Delgada)...		30.21	70	SSW	3	c	30.19	+06	68	66	-1	W	3	o	3	75	66	-	*	0.08	
„ (Horta)...	30.21	66	Z	0	m	30.21	+09	64	62	+1	Z	0	b	0	75	61	-	*	-		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR *Saturday, 23<sup>rd</sup> July, 1904.*

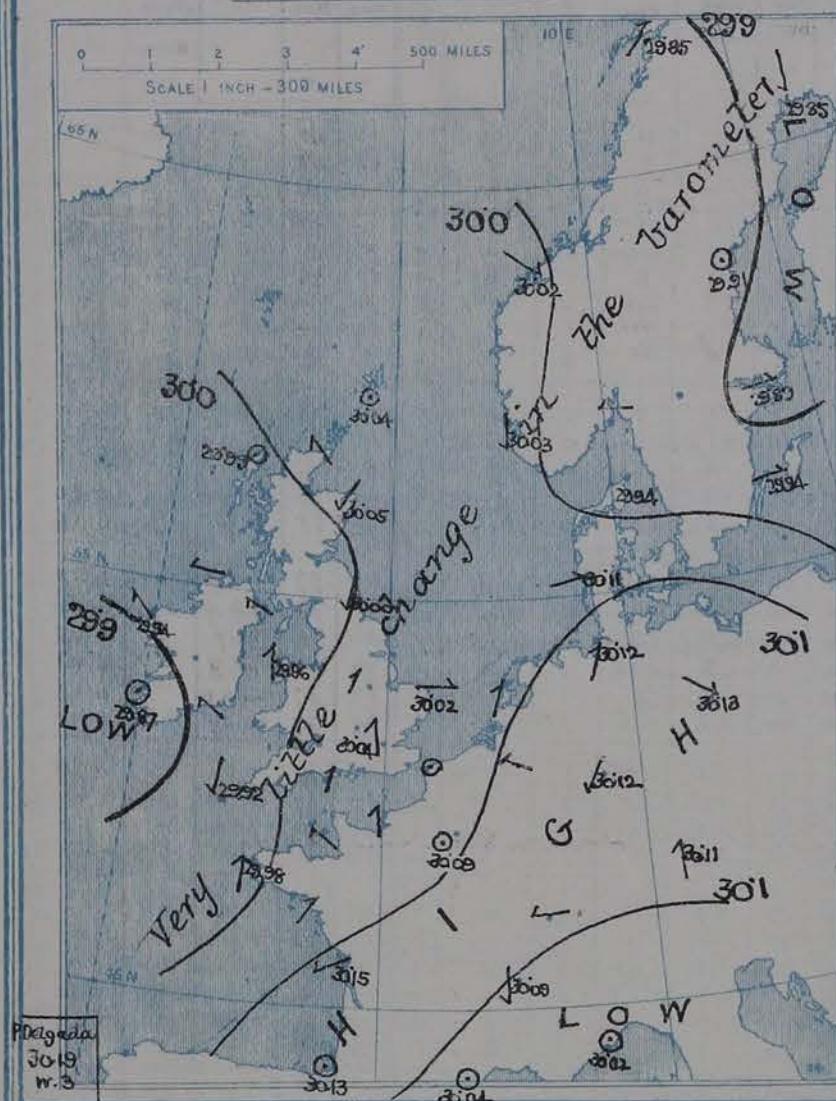
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

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

SEA.—Rough  $\text{||||}$  High  $\text{|||||}$

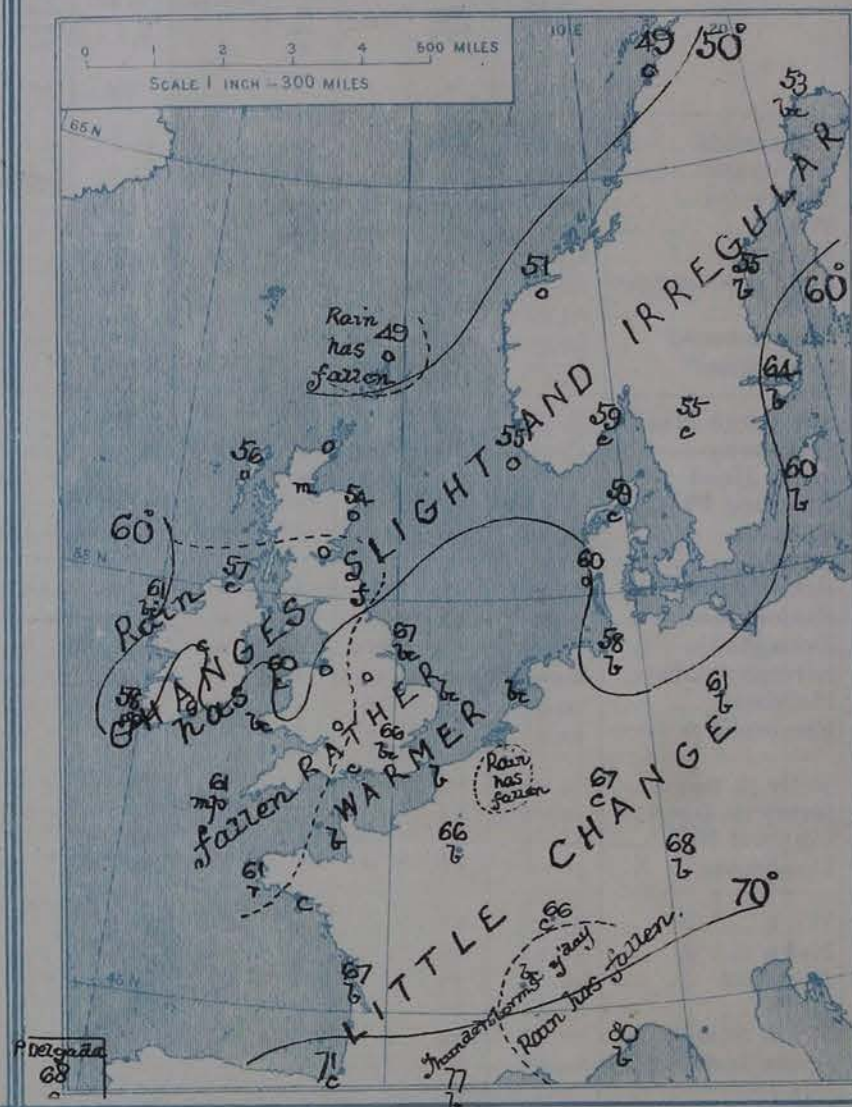


## II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.

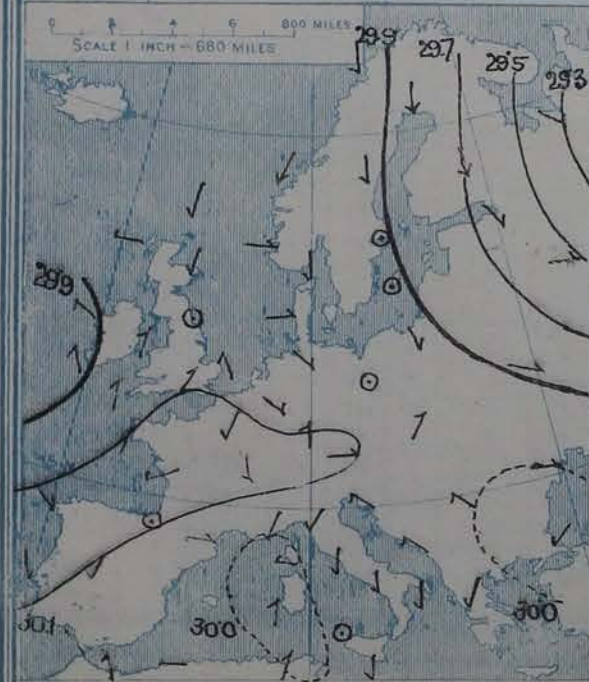
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.*



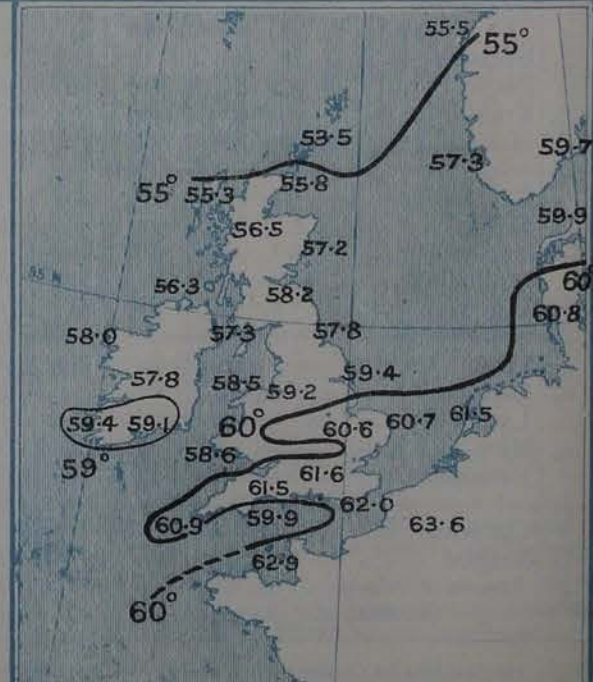
## IV. BRIGHT SUNSHINE IN 1904.

Total Duration recorded in various districts of the United Kingdom in the 28 weeks ended Saturday 16<sup>th</sup> JULY, with the percentage of the average duration for the corresponding period.



## V. Means of DAILY TEMPERATURE

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





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The general distribution of pressure remains practically unchanged, and the barometer shows very little movement in any part of our area. The readings are at present highest, 30.1 ins. and upwards, over Germany and the greater part of France, and lowest, 29.9 ins. and less in two areas, — one lying over the south of Ireland and the neighbouring portions of the Atlantic, and the other over the Gulf of Bothnia and the northern parts of Scandinavia. Gradients are therefore slight generally.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light from the southward over England and the neighbouring parts of the continent, but is calm or Easterly in Ireland and Scotland. Over Scandinavia, Denmark, Germany and the south of France light variable breezes are reported. Temperature has risen in the south and east of England, but has changed very irregularly elsewhere. At our own eastern and south-eastern stations and in France, the Netherlands and western and southern Germany the readings are above 65°, the highest reported being: — (1) In these islands 68° at Yarmouth and Clacton on Sea, and (2) on the continent 80° at Nice and 77° at Perpignan. In Ireland, Scotland and Scandinavia the readings are below 60°, the lowest being 49° at Bodø and Sumburgh Head and 51° at Christiansund. The weather is cloudy or dull in all the more western and northern parts of the United Kingdom and also in the west of Norway; fog is reported at Shields and Donaghadee, passing showers at Valencia (Ireland) and Scilly, and steady rain at Brest. In the east and south-east of England and in the western parts of the continent generally the weather is fine. The sea is slight or smooth on all coasts.

During yesterday the thermometer rose to between 70° and 75° in most parts of England, and to 80° in London. At Paris it rose to 85°, and in the east and south of France it exceeded that point, the highest value reported being 92° at Lyons. The amount of bright sunshine was again large on our south and east coasts (as much as 13.5 hours at Clacton on Sea) but small in the western and northern districts. Rain has fallen at most of our western and northern stations, — heavily in places. Thunderstorms and rain have occurred in the south of France.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in barometrical pressure are too slight and indecisive to point to the likelihood of any immediate change in the weather. Shallow local depressions may develop over our western and northern districts, and occasion showers in places, but in the east and south-east of England the weather is likely to continue mainly fine and warm.

## FORECASTS\*

For the 24 hours ending at NOON on *July 24<sup>th</sup>* 1904.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Variable or light E <sup>ly</sup> airs; cool, cloudy, slight rain in places.	6 { SCOTLAND WEST	Same as Nos 0 and 1.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.	SW <sup>ly</sup> to SE <sup>ly</sup> winds, light; fair, warm.	8 { ENGLAND S.W.	SW <sup>ly</sup> and SE <sup>ly</sup> winds, light; cloudy, local showers.
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES	Light breezes, chiefly S <sup>ly</sup> ; fair, warm.	10 { IRELAND SOUTH	
5 { ENGLAND SOUTH			
		WARNINGS	NONE ISSUED.

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	72	53	b, o	7.2	0.01	Hastings ... ..	*	*	*	12.5	*
Southport, to 9 p.m....	72	55	or, p, c	5.3	0.01	Broadstairs, ... ..	*	*	*	*	*
Rhyl, to 6 p.m. ....	*	*	*	2.9	*	Margate, to 6 p.m. ....	75	54	b, w	9.0	-
Llandudno to 6 p.m. ....	*	*	*	3.3	*	Lowestoft, to 6 p.m....	72	58	b, o, c	8.6	-
Bettws-y-Coed, to 6 p.m....	68	52	cp, c	1.7	*	Skegness, to 6 p.m. ....	77	*	*	10.1	*
Aberystwyth, to 6 p.m. ....	69	60	r, c	6.3	0.04	Scarborough, ... ..	63	*	*	2.7	*
Plymouth, to 9 p.m....	66	60	b, o, r, q	2.6	0.32	Harrogate, to 6 p.m. ...	73	53	w, c	6.2	-
Bournemouth, to 6 p.m. ....	69	57	*	6.8	*	Manchester, to 9 p.m. ....	74	56	r, b, b, cp	6.6	0.07
Worthing ... ..	*	*	*	11.5	*	Darwen, to 9 p.m. ....	68	54	om, c, og	3.4	-
Brighton, to 6 p.m. ....	70	*	*	11.3	*	Birmingham, to 9 p.m. ....	73	56	c, d	6.6	-
Eastbourne, to 6 p.m. ....	69	*	*	11.5	*						

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

STATIONS. 22 <sup>nd</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	66	54	b, b	-	Rome ... ..	93	74	b, o	-
St. Peter burg ... ..	59	50	o, o	-	Naples ... ..	87	69	b, o	-
Moscow ... ..	*	*	c, o	0.16	Malta ... ..	85	74	b	-
Cracow ... ..	75	57	o, c	-	21 <sup>st</sup> July, 1904.				
Flushing ... ..	72	59	m, c	-	Geneva ... ..	88	*	b	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	b, c	-	Berne ... ..	82	*	b	-
Vienna ... ..	81	61	c, b, c	-	Lucerne ... ..	81	*	b	-
Buda Pesth ... ..	86	68	o, b	-	Castasegna ... ..	81	*	b	-
Hermanstadt ... ..	77	68	b, b	-	Lugano ... ..	90	*	b	-
Florence ... ..	96	73	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.

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

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

22 <sup>nd</sup> July, 1904.	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.

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Sunday, 24<sup>th</sup> JULY, 1904.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine Hours	Rainfall. Ins.		
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°			°	°									
SCANDINAVIA	Haparanda...	29.77	51	SE	2	0	29.71	-.14	52	?	-1	N	2	6	*	57	48	-	*	-	
	Hernösand ...	29.86	57	Z	0	6	29.86	-.05	55	50	0	Z	0	7	*	64	43	-	*	-	
	Stockholm ...	29.87	61	SSW	2	6	29.87	-.02	64	59	0	W	2	6	*	73	55	-	*	-	
	Wisby...	29.93	58	Z	0	6	29.91	-.03	65	60	+5	W	2	6	*	65	54	-	*	-	
	Karlstad ...	29.86	65	SSW	4	6	29.86	-.10	57	53	+2	WSW	2	6	*	*	*	-	*	-	
	Færder (X'ania Fjord)	29.85	60	S	3	m	29.80	-.13	59	54	0	ESE	1	0	3	63	57	-	*	-	
	Bodö ...	29.84	48	SSW	6	7	29.77	-.18	46	44	-3	W	4	0	2	50	45	-	*	0.12	
	Christiansund ...	30.00	51	W	1	0	29.95	-.07	51	47	0	W	3	0	2	52	48	-	*	-	
Skudesnaes ...	30.01	54	NNW	4	6	29.94	-.09	53	49	-2	N	6	0	2	57	50	6.0	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.02	50	N	1	0	29.91	-.13	51	47	+2	S	1	0	0	52	47	0	*	-	
	Stornoway ...	29.99	62	E	3	6	29.94	-.05	55	53	-1	NE	2	0	2	67	49	6	11.3	-	
	Malin Head ...	29.92	62	E	2	6cm	29.87	-.05	57	56	0	E	2	of	1	64	54	6c, 6cm	*	-	
	Blacksod Pt. ...	29.91	63	NNW	4	6c	29.88	-.06	59	58	-2	NNE	4	om	4	67	57	6c	*	-	
	Valencia ...	29.89	60	W	2	6v	29.85	-.02	57	56	-1	Z	0	6	3	64	47	6c, 6v	2.8	0.02	
	Roche's Point ...	29.91	63	SSE	1	0	29.85	-.05	60	58	0	NNW	1	6	1	63	55	6c, 0	*	0.20	
	Parsonstown ...	29.90	65	Z	0	6c	29.85	-.07	60	59	0	Z	0	0	*	71	57	6c	4.4	-	
	Donaghadee ...	29.94	61	SE	2	6c	29.88	-.03	57	56	+3	N	2	of	2	61	53	6c, f	*	-	
	Liverpool Obsy...	29.94	68	SSE	1	7	29.86	-.10	65	62	0	SSE	1	6c	1	73	59	6c, 7p	*	0.19	
	Holyhead ...	29.92	60	N	2	6p	29.87	-.09	59	59	-1	N	1	f	1	65	57	6c, 6p	*	0.02	
	Pembroke (St Ann's)	29.90	62	SE	1	6	29.83	-.09	60	60	0	SSE	2	om	3	65	58	6c, f, 2	3.5	0.25	
	Scilly (St. Mary's) ...	29.87	63	NW	2	7	29.83	-.09	61	60	0	E	1	6	1	68	60	6c, 6p, 7	2.9	0.14	
Jersey (St. Aubins) ...	29.99	67	S	2	6	29.93	-.10	65	61	-3	SSE	3	6c	3	68	58	6c, 6p, 6	6.5	0.10		
Portland Bill ...	29.98	62	S	3	6p	29.90	-.12	60	59	-3	WSW	1	6c	1	64	57	6p	*	0.03		
Dungeness ...	29.95	66	ESE	3	6c	29.91	-.12	65	63	-1	WSW	2	6	1	72	60	6c	11.0	-		
GERMANY, &c.	Wick ...	30.02	54	SE	2	0	29.89	-.12	54	53	0	SE	1	0	1	58	52	-	*	-	
	Nairn ...	29.97	60	E	1	m	29.91	-.10	57	56	+1	Z	0	m	1	66	54	m	*	-	
	Aberdeen ...	30.01	56	ESE	2	0	29.94	-.09	57	55	+3	SE	2	0	1	60	54	0, 6, 0	0.0	-	
	Leith ...	29.98	59	NE	2	0	29.91	-.08	57	57	+1	NE	1	2	*	62	56	-	*	0.01	
	North Shields ...	29.97	60	Z	0	0	29.87	-.13	59	58	+1	NNE	1	om	2	61	55	f, 0, 7	*	0.04	
	Spurn Head ...	30.01	64	SE	2	6	29.92	-.10	64	62	-3	SSE	2	6c	1	71	58	6c, 6p, 7	*	0.44	
	Yarmouth ...	29.97	67	SSE	3	6c	29.90	-.12	66	63	-2	SSE	3	6c	3	69	60	6c	*	0.02	
	Clacton-on-Sea ...	29.97	67	E	2	6	29.92	-.14	69	65	+1	SSE	2	6	2	71	61	6c, 6p, 6c	9.6	-	
Nottingham ...	29.96	65	SSW	1	7	29.89	-.12	65	62	+1	WSW	1	6	*	74	59	6c, 6p, 7	2.3	0.20		
Bath ...	29.95	63	W	2	0	29.88	-.12	64	60	-1	SW	1	0	*	69	60	-	0.0	0.16		
Oxford ...	29.96	65	S	1	6c	29.90	-.12	64	61	0	Z	0	0	*	76	59	6c, 0	*	0.01		
London (Brixton) ...	29.97	71	SW	2	0	29.90	-.14	68	63	+2	SW	1	6	*	79	59	0, 6, 6c, 6v	5.3	-		
FRANCE.	The Scaw (Skagen)	29.85	57	W	4	6	29.87	-.07	57	54	-2	SSE	5	6c	1	63	54	-	*	-	
	Fanö ...	30.03	61	Z	0	0	29.96	-.15	61	58	+1	NW	2	0	*	?	54	-	*	-	
	Cuxhaven ...	30.04	70	NW	1	6c	29.97	-.15	64	62	+6	N	1	7	*	72	58	-	*	-	
	The Helder ...	29.97	69	NNW	1	6	29.90	-.14	66	63	-2	E	1	6	0	73	63	-	*	0.35	
	Brussels ...	*	*	*	*	*	29.94	-.14	65	61	-7	SW	1	6c	*	87	59	-	*	-	
	Berlin ...	30.04	73	NW	1	6	29.98	-.15	68	60	+7	SE	1	6	*	79	61	-	*	-	
	Frankfurt ...	29.99	71	Z	0	6	29.94	-.18	66	66	-1	E	2	0	*	86	59	-	*	-	
	Munich ...	30.11	68	E	4	6c	30.06	-.12	71	61	+3	SW	4	6c	*	81	54	-	*	-	
SPAN. PEN.	C. Gris Nez ...	29.95	?	?	?	?	29.93	-.12	68	66	0	E	1	0	1	75	61	-	*	-	
	Brest ...	29.96	65	SW	3	6	29.85	-.13	63	61	+2	SSE	2	0	3	68	61	-	*	0.32	
	Lorient ...	29.99	69	SW	4	0	29.91	-.13	64	63	-3	E	2	6	2	77	61	-	*	-	
	Rochefort ...	30.07	72	NW	4	6c	29.96	-.19	68	67	+1	E	3	6	*	82	64	6c	*	-	
	Biarritz ...	30.10	75	N	2	6	29.93	-.20	68	66	-3	E	2	6	0	77	63	6c, 2	*	-	
	Paris ...	29.96	81	W	2	6	29.95	-.14	68	62	+2	NNE	1	6	*	89	59	-	*	-	
	Belfort...	29.93	80	SSW	2	6	29.93	-.13	68	63	+2	WSW	4	m	*	?	63	-	*	0.04	
	Lyons ...	?	78	SE	1	0	29.98	-.11	74	63	+6	SE	1	6	*	95	66	0, 2, 2	*	-	
Nice ...	29.99	76	SE	1	6	29.94	-.08	79	65	-1	Z	0	6	1	88	66	-	*	-		
Perpignan ...	29.94	74	SE	3	6	29.94	-.10	70	64	-7	Z	0	6	*	89	60	-	*	0.08		
SPAN. PEN.	Corunna ...	?	71	W	1	0	29.95	-.17	66	64	-2	S	1	6	2	75	61	-	*	0.12	
	Lisbon ...	30.10	67	WNW	2	6	30.04	-.09	69	65	-1	SSW	4	6	*	81	64	-	*	-	
	Azores (P. Delgada)...	30.24	69	WNW	2	0	30.25	+0.06	67	64	-1	NNW	2	0	3	77	66	-	*	-	
" (Horta) ...	30.28	67	NNE	2	0	30.29	+0.08	65	62	+1	N	1	6	1	75	64	-	*	-		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR Sunday, 24<sup>th</sup> July, 1904.

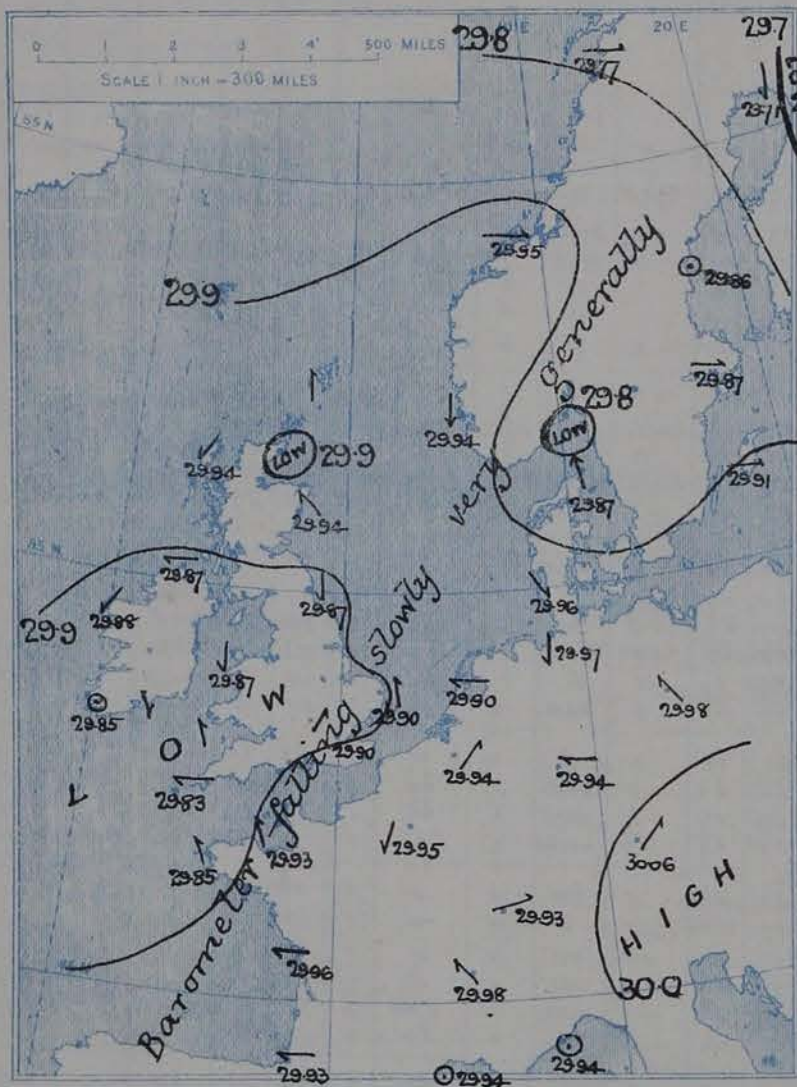
## I. BAROMETER, WIND AND SEA. This Morning.

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 

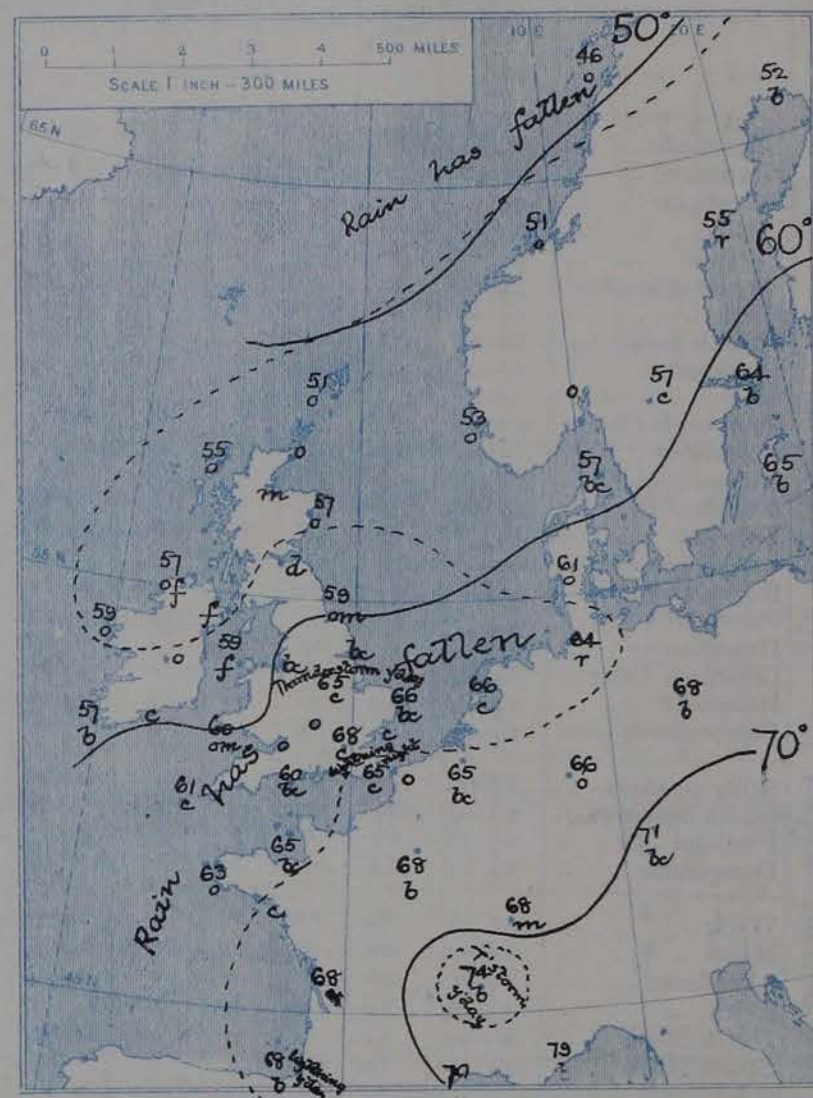


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

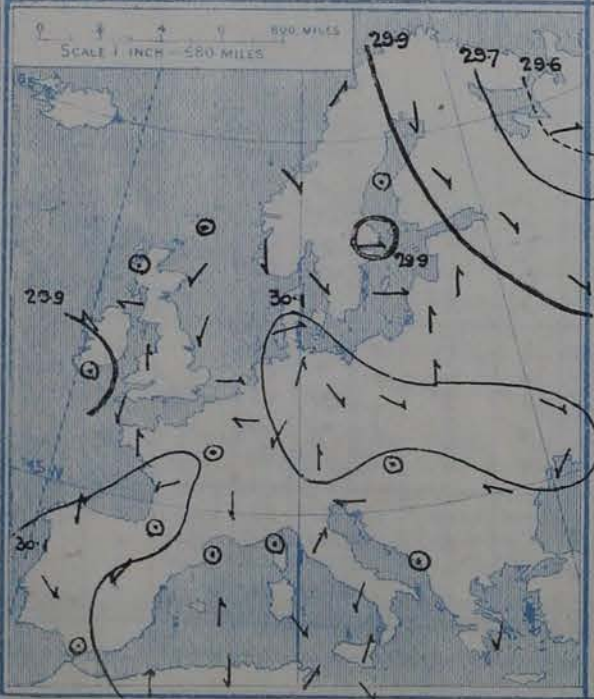
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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

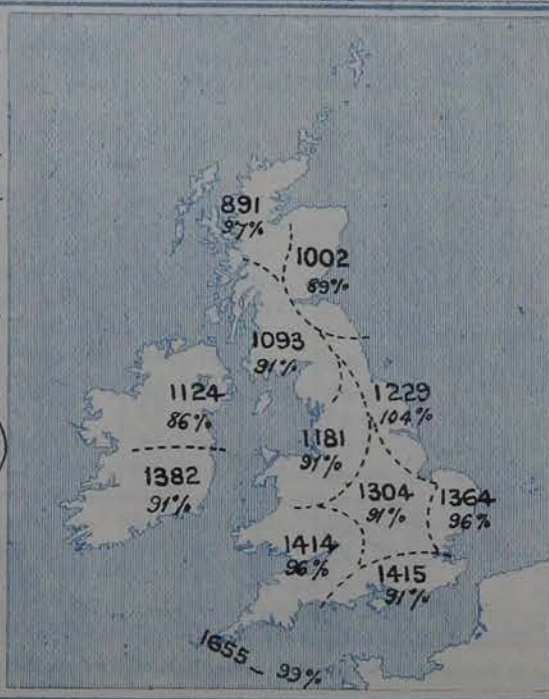
Yesterday morning.



## IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the 28 weeks ended 16<sup>th</sup> JULY, with the percentage of the average for the corresponding period.

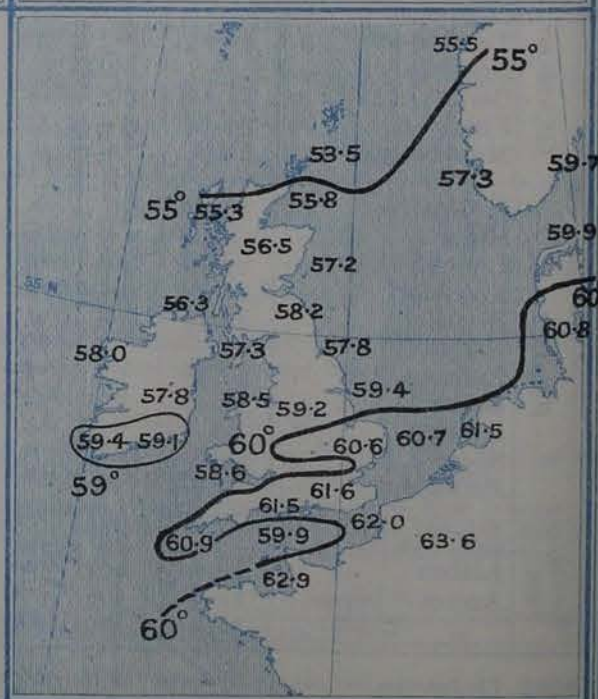
Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JULY - AUGUST (1871-1900)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The barometer has fallen over the whole of western and northwestern Europe, and the distribution of pressure has become very irregular, a number of small local disturbances having formed over the United Kingdom and to the eastward of the North Sea. The gradients are very slight all round, the barometer readings ranging from 29.80 in. at Järna and 29.83 in. at Pembroke and Scilly to a little above 30 in. in Bavaria and Portugal.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

A strong N.<sup>W.</sup> breeze is reported at Audenæs and fresh from the S.<sup>W.</sup> at the Scaw, while over our area generally calms and light variable breezes are most prevalent. Temperature has changed slightly and irregularly. It ranges from 69° at Blacton-on-Sea and 68° in London to 54° at Wick and 51° at Sumburgh Head; from 79° at Nice and 74° at Lyons to 51° at Christiansund and 46° at Bodo. The weather is locally clear, but as a rule it is more cloudy than of late, dull and overcast in many places, misty here and there, foggy off Malin Head, Donaghadee and Holyhead, and slight rain is falling at Leith, Gushaven and Hørnessand. The sea is moderate off Blacksod Point, slight to very smooth on all other coasts.

During yesterday temperature attained a maximum of 79° in London, 77° at Margate and 76° at Oxford, many places being below 70°, Wick not passing 58° and Sumburgh Head 52°. The duration of bright sunshine differed considerably, from none at Aberdeen and Bath and less than 2 hours in many other places to 11.1 hrs at Hastings and 11.3 hrs at Stromway. Thunderstorms or thunder or lightning alone occurred in many neighbourhoods in England, but except for 0.4 in. at Spurn Head the accompanying rain was not heavy. In a rainstorm at Harrogate from three to six o'clock this morning the fall exceeded an inch.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on 25<sup>th</sup> July, 1904.

### DISTRICTS.

### FORECASTS.

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

NONE  
ISSUED

### DISTRICTS.

### FORECASTS.

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

NONE  
ISSUED

### WARNINGS

NONE ISSUED.

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

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	70	58	c, o, cl, o, t	1.3	0.32	Hastings ... ..	*	*	*	11.1	*
Southport, to 9 p.m....	73	58	c, o, t, c, o	0.7	0.16	Broadstairs, ... ..	*	*	*		*
Rhyl, to 6 p.m. ....	*	*	*		*	Margate, to 6 p.m. ...	77	54	b, t	9.8	-
Llandudno ... ..	*	*	*	1.3	*	Lowestoft, to 6 p.m....					
Bettws-y-Coed, to 6 p.m....	71	55	c, p, t, t	1.0	*	Skegness ... ..	74	*	b, m	3.9	*
Aberystwyth, to 6 p.m. ...	69	59	t, c	1.1	0.15	Scarborough, ... ..		*	*		*
Plymouth, to 9 p.m....	65	60	o, t, c, o, p	1.8	0.29	Harrogate, to 6 p.m. ...	70	56	c, t	0.7	0.10
Bournemouth, to 6 p.m. ...	72	59	?	2.2	?	Manchester, to 9 p.m. ...	72	60	b, c, t	0.2	0.03
Werthing ... ..	*	*	*	5.2	*	Darwen, to 9 p.m. ...	71	57	c, o, m, p, t, o, w	2.0	0.01
Brighton, ... ..	*	*	*		*	Birmingham, to 9 p.m. ...	69	58	o, t	1.2	0.17
Eastbourne, to 6 p.m. ...	*	*	*		*						

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

STATIONS. 23 <sup>rd</sup> July 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 23 <sup>rd</sup> July.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	68	55	o, o	-	Rome ... ..	93	71	b, o	-
St. Petersburg ... ..	61	45	o, o	-	Naples ... ..	89	75	b, b	-
Moscow ... ..	*	*	o, o	0.12	Malta ... ..	86	73	?, b	-
Cracow ... ..	77	55	b, c	-	22 <sup>nd</sup> July.				
Flushing ... ..	73	63	b, c, b	-	Geneva ... ..	82	*	c	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	b, c, b, c	-	Berne ... ..	77	*	c	-
Vienna ... ..	82	66	c, b	0.12	Lucerne ... ..	75	*	o	-
Buda Pesth ... ..	90	70	f, b, c	-	Castasegna ... ..	81	*	o	0.16
Hermanstadt ... ..	84	52	c, o	-	Lugano ... ..	?	*	?	0.08
Florence ... ..	95	72	b, o	-					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

24 <sup>th</sup> July, 1904	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	4.2	11.59	7.56
Greenwich ... ..	4.13	12.6	7.59
Wick ... ..	3.47	12.18	8.49
Valencia ... ..	4.52	12.47	8.42

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

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on

Monday, 25<sup>th</sup> JULY, 1904.

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.)	Temp.		Weather.	Sun- shine Hours	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.		Min.					
																	Ins.				°
SCANDINAVIA	Haparanda...	29.66	52	Z	0	bc	29.64	-0.07	55	51	+3	NE	2	C	*	61	50	-	*	-	
	Hernösand...	29.80	54	Z	0	r	29.79	-0.07	54	49	-1	N	2	bc	*	59	50	-	*	0.08	
	Stockholm...	29.76	63	S	2	b	29.73	-0.09	55	53	-9	Z	0	0	*	77	55	-	*	-	
	Wisby...	29.84	61	W	2	b	29.79	-0.12	62	58	-3	Z	0	C	*	66	54	-	*	-	
	Karlstad...	29.76	60	SW	4	b	29.78	-0.08	57	54	0	NE	2	0	*	*	*	-	*	-	
	Færder (X'ania Fjord)	29.75	60	S	4	0	29.82	+0.02	56	53	-3	ENE	2	0	2	64	55	-	*	-	
	Bodö...	29.83	46	W	4	C	29.87	+0.10	47	44	+1	W	4	bc	1	47	43	-	*	0.04	
	Christiansund...	29.93	52	W	2	0	29.94	-0.01	51	48	0	N	1	0	2	55	50	-	*	0.08	
Skudesnaes...	29.88	54	N	6	C	29.88	-0.06	56	52	+3	N	6	C	1	56	52	0, C	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.93	52	Z	0	C	29.91	-0.02	52	50	+1	NE	1	0	0	54	49	0, C	*	-	
	Stornoway...	29.91	57	E	3	0	29.85	-0.09	55	54	0	ENE	3	0	3	58	51	0	0.0	-	
	Malin Head...	29.84	59	ENE	3	of	29.79	-0.08	56	56	-1	ESE	3	om	1	61	53	om, f	*	-	
	Blacksod Pt. ...	29.83	59	N	4	om	29.77	-0.11	60	59	+1	NNW	3	tm	3	62	57	0, om	*	0.03	
	Valencia...	29.77	63	WNW	2	0	29.74	-0.11	60	59	+3	NNW	1	omg	3	66	56	C, 0	8.9	-	
	Roche's Point...	29.79	66	S	2	b	29.73	-0.12	63	61	+3	N	1	C	1	66	55	C, b	*	0.01	
	Parsonstown...	29.86	62	Z	0	r	29.74	-0.11	62	60	+2	Z	0	0	*	71	59	r	2.7	0.04	
	Donaghadee...	29.82	60	SW	2	m	29.77	-0.11	55	55	-2	NW	2	om	3	61	53	f, m	*	0.07	
	Liverpool Obsy...	29.79	67	N	1	C	29.74	-0.12	61	60	-4	E	2	02	1	73	60	C, r	*	0.45	
	Holyhead...	29.81	62	N	1	cmāp	29.72	-0.15	62	61	+3	NW	1	f	1	64	57	0, cmāp	*	0.13	
	Pembroke (St Ann's)	29.79	63	Z	0	bc	29.71	-0.12	63	61	+3	NE	2	C	2	64	58	0, om, C	5.9	-	
	Scilly (St. Mary's)...	29.76	65	E	3	C	29.65	-0.18	63	62	+2	ENE	3	C	1	67	60	C	8.3	0.07	
	Jersey (St. Aubins)...	29.82	66	SSW	3	bc	29.67	-0.26	62	61	-3	NNE	2	0	3	72	61	C, g, pm	7.8	0.54	
	Portland Bill...	29.82	63	Z	0	bc	29.69	-0.21	63	60	+3	Z	0	C	0	67	56	bc	*	-	
	Dungeness...	29.84	66	W	2	C	29.68	-0.23	64	62	-1	SE	3	Cg	1	71	59	bc, C, Z	5.1	-	
	Wick...	29.89	57	Z	0	m	29.88	-0.01	57	55	+3	ESE	1	0	1	62	52	-	*	-	
	Nairn...	29.85	60	E	2	b	29.86	-0.05	58	56	+1	E	1	m	1	68	54	-	*	-	
Aberdeen...	29.92	56	SSE	2	0	29.90	-0.04	55	54	-2	ESE	2	0	1	64	54	0, bc, 0	2.5	-		
Leith...	29.79	56	NE	1	r	29.84	-0.07	57	56	0	NE	2	om	*	57	54	-	*	0.01		
North Shields...	29.83	62	ENE	2	bc	29.82	-0.05	60	59	+1	ENE	3	0	3	64	57	bc, p	*	-		
Spurn Head...	29.81	64	ESE	4	C	29.77	-0.15	60	60	-4	SE	2	0	2	68	58	C, Z, t	*	0.42		
Yarmouth...	29.83	69	SSE	4	b	29.75	-0.15	65	63	-1	ENE	3	bc	3	70	62	p, bc, b	*	0.11		
Clacton-on-Sea...	29.82	68	E	2	C	29.73	-0.19	68	60	-1	ENE	3	bc	2	72	64	bc, C, Z, b	12.0	-		
Nottingham...	29.80	69	SSE	1	Z	29.74	-0.15	64	62	-1	E	1	C	*	77	61	Z, t	7.6	0.24		
Bath...	29.80	68	NW	1	b	29.69	-0.19	66	62	+2	NE	1	b	*	72	55	-	6.0	-		
Oxford...	29.79	69	WSW	1	b	29.72	-0.18	64	61	0	NE	1	0	*	77	59	-	*	-		
London (Brixton)...	29.81	74	SW	2	bc	29.70	-0.20	67	61	-1	Z	0	0	*	81	56	3, 0, g, b	8.2	-		
GERMANY, &c.	The Scaw (Skagen)	29.83	55	WSW	4	0	29.79	-0.08	58	54	-1	WSW	3	0	1	61	54	-	*	-	
	Fanö...	29.93	58	NNW	2	0	29.88	-0.08	59	55	-2	NW	2	bc	*	72	52	-	*	-	
	Cuxhaven...	29.89	67	N	1	bc	29.86	-0.11	60	58	-4	NE	2	C	*	68	59	bc, r	*	0.20	
	The Helder...	29.82	68	NE	1	b	29.78	-0.12	64	61	-2	E	2	0	2	73	64	-	*	0.28	
	Brussels...	*	*	*	*	*	29.76	-0.18	66	63	+1	ESE	1	bc	*	87	60	-	*	0.08	
	Berlin...	29.89	69	NW	2	r	29.81	-0.17	71	65	+3	SSE	1	bc	*	88	63	-	*	0.04	
	Frankfurt...	29.83	76	S	2	bc	29.80	-0.14	71	68	+5	E	3	b	*	88	63	-	*	-	
	Munich...	30.00	62	W	5	C	29.94	-0.12	68	62	-3	SE	2	b	*	82	55	-	*	0.28	
FRANCE.	C. Gris Nez...	29.86	65	SW	1	b	29.71	-0.22	63	62	-5	E	2	bc	1	75	59	-	*	-	
	Brest...	29.77	65	SE	1	0	29.69	-0.16	61	60	-2	W	3	0	3	68	61	-	*	-	
	Lorient...	29.81	64	S	1	r	29.71	-0.20	61	59	-3	W	3	0	2	70	61	-	*	1.02	
	Rochefort...	29.76	74	NW	3	bc	29.77	-0.19	62	61	-6	WNW	4	r	*	81	61	r, bc	*	0.20	
	Biarritz...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Paris...	29.82	66	NNE	2	C	29.76	-0.19	68	65	0	SSW	3	b	*	88	62	-	*	0.32	
	Belfort...	29.80	80	ENE	5	bc	29.79	-0.14	67	60	-1	NE	4	m	*	85	60	-	*	-	
	Lyons...	29.82	69	S	2	b	29.82	-0.16	74	66	0	S	1	C	*	94	67	Z, t	*	-	
Nice...	29.89	78	SW	1	b	29.88	-0.06	78	69	-1	SW	1	b	0	84	66	-	*	-		
Perpignan...	29.76	79	SE	3	0	29.78	-0.16	74	68	+4	W	2	b	*	88	66	-	*	-		
SPAN. PEN.	Corunna...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Lisbon...	30.04	67	W	4	bc	30.10	+0.06	68	59	-1	WNW	4	bc	*	73	63	-	*	-	
	Azores (P. Delgada)...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
„ (Horta)...	30.29	68	SW	3	bc	30.25	-0.04	68	66	+3	Z	0	C	1	75	65	-	*	-		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR MONDAY 25<sup>TH</sup> JULY, 1904.

## 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. ACCUMULATED TEMPERATURE ABOVE 42°.

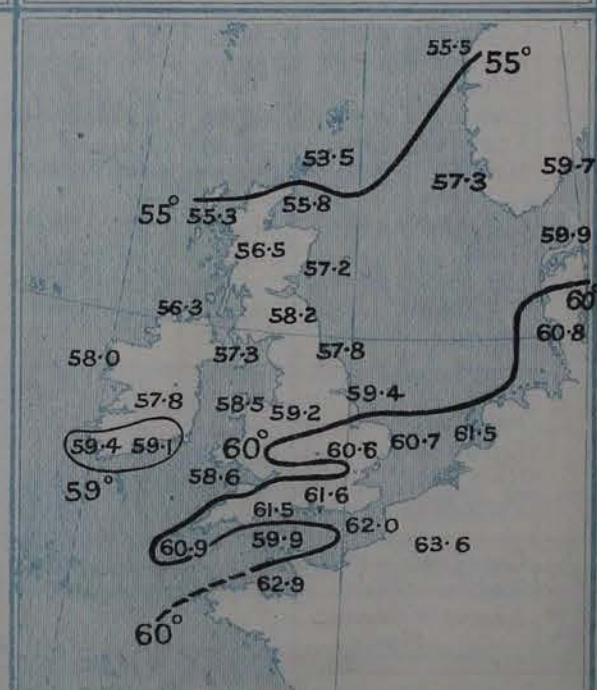
Amount recorded in various districts of the United Kingdom during the week ended Saturday, 16<sup>TH</sup> JULY, with the percentage of the average, for the corresponding week.

Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



## V. Means of DAILY TEMPERATURE

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





## GENERAL SITUATION AT 8 A.M.

PRESSURE

A small anticyclone of slight intensity, barometer a little above 29.9 ins., extends from Aberdeen to the west of Norway, and another is indicated over East-Central Europe. The central space of a low pressure system, with barometer readings below 29.7 ins., lies over the English Channel and our extreme southern counties, and another, of equal depth, is shown over Lapland and Finland. Over nearly the whole of the area under observation the barometer has fallen, but it is now irregular in its movements, a slight rise being reported locally.

WIND

Light Westerly to Southerly breezes prevail at the French stations, but elsewhere light breezes from between East and North are in the ascendant, with calms in places. Temperature has changed irregularly over our islands and the Continent. The present readings range from 68° at Clacton-on-Sea and 67° in London to 55° at Malin Head, Aberdeen and Stornoway and 52° at Sumburgh Head; from 78° at Nice and 74° at Lyons and Perpignan to 51° at Christiansund and 47° at Bodö. The sky is clear at a few of the home and foreign stations, but generally it is cloudy to overcast, with a misty atmosphere in many of our western and northern districts, foggy at Holyhead, and rain is falling at Blackpool Point and Rochefort. Lightning is reported at Liverpool. The sea is slight or smooth on all coasts.

TEMPERATURE

WEATHER

AND

SEA

During yesterday temperature rose to 81° in London and at Margate and to 77° at Nottingham and Oxford, all other stations being below 75°, many falling to touch 70°. Sumburgh Head not exceeding 54°. Thunder or lightning has occurred in various parts of England, and at Spurn Head 0.4 in. of rain fell during a thunderstorm. At Liverpool and Jersey the rainfall measured was 0.5 in., and at Lorient an inch. Bright sunshine varied greatly. Stornoway had none, many places had less than 5 hours, while Lowestoft had 10.8 hours and Clacton-on-Sea 12 hours.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is of a very unsettled type, and it is probable that within the ensuing 24 hours the weather will be of a variable character, from fair or fine to thundery and rainy over the southern half of the Kingdom, rather better in the north.

## FORECASTS\*

For the 24 hours ending at NOON on *July 26<sup>th</sup>* 1904.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

Light E<sup>ly</sup> or NE<sup>ly</sup> breezes;  
cloudy to fine, local showers.

Light E<sup>ly</sup> or NE<sup>ly</sup> breezes;  
very changeable, close and  
thundery, with rain.

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

Same as Nos 0 and 1.

Light E<sup>ly</sup> to N<sup>ly</sup> breezes;  
fair to dull, thundery to  
rainy.

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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m.	72	59	c, o	5.9	0.02	Hastings	*	*	*	5.1	*
Southport, to 9 p.m.	72	59	o, c, p, o	4.5	0.04	Broadstairs, ...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*	5.8	*	Margate, to 6 p.m.	81	56	2, c	7.1	—
Llandudno	*	*	*	5.0	*	Lowestoft, to 6 p.m.	73	59	?	10.8	?
Bettws-y-Coed, to 6 p.m.	70	55	c, p, t	4.1	*	Skegness	*	*	*		*
Aberystwyth, to 6 p.m.	67	58	r, o, c	2.1	0.04	Scarborough, ...	66	*	*	1.5	*
Plymouth, to 9 p.m.						Harrogate, to 6 p.m.	71	57	c, r, c, b, c	2.7	1.03
Bournemouth, to 6 p.m.	71	61	*	7.9		Manchester, to 9 p.m.	76	60	b, c, b, b, c	5.7	—
Worthing	*			0.4	*	Darwen, to 9 p.m.	72	58	o, c, m, b, m	5.8	—
Brighton, ...	70	*	*	5.3	*	Birmingham, to 9 p.m.	74	58	o, c, b	6.0	0.03
Eastbourne, to 6 p.m.	70	*	*	4.0	*						

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

STATIONS. 24 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Obsns. not received.					Obsns. not received.				
Copenhagen					Rome				
St. Petersburg					Naples				
Moscow					Malta				
Cracow					23 <sup>rd</sup> July.	1 p.m.		1 p.m.	Measured
Flushing					Geneva	86	*	6c	7 a.m.
Aix-la-Chapelle					Berne	79	*	c	0.04
Vienna					Lucerne	81	*	b	—
Buda Pesth					Castasegna	79	*	b	0.12
Hermanstadt					Lugano	88	*	b	—
Florence									

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.					TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.			
COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	25 <sup>th</sup> July, 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles, Belgium†	8 a.m. (West European)	8 a.m.	6 p.m. ‡ (W.E.T.)	6 p.m. ‡	Yarmouth	4.3	11.59	7.54
Holland	8 a.m. ( " )	8 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich	4.14	12.6	7.58
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick	3.49	12.18	8.47
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia	4.54	12.47	8.41
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.				
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.				
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.				
{ Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.				

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

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

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on *Tuesday, 26<sup>th</sup> JULY, 1904.*

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. *W. M. 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.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)			Max.	Min.				
																				Ins.	°
SCANDINAVIA	Haparanda...	29.69	54	NE	2	c	29.72	+0.08	55	49	0	WSW	2	0	*	64	48	-	*	-	
	Hernösand...	29.80	54	Z	0	b	29.81	+0.02	55	50	+1	NW	2	0	*	63	46	-	*	-	
	Stockholm...	29.79	57	SW	2	o	29.79	+0.01	59	53	+4	NNE	4	0	*	66	52	-	*	0.04	
	Wisby...	29.57	57	NE	2	c	29.61	-0.18	60	57	-2	WSW	2	0	*	63	54	-	*	0.04	
	Karlstad...	29.79	62	Z	0	b	29.84	+0.06	59	51	+2	NE	2	0	*	*	*	-	*	-	
	Færder (X'ania Fjord)	29.80	65	WSW	2	b	29.84	+0.02	59	52	+3	NNE	4	0	2	65	55	-	*	0.08	
	Bodö...	29.90	48	SW	2	bc	29.89	+0.02	46	45	-1	E	4	0	1	50	45	-	*	-	
	Christiansund...	29.95	51	N	2	bc	29.95	+0.01	53	49	+2	ENE	2	0	2	54	48	-	*	-	
Skudesnaes...	29.84	55	NNW	6	b	29.82	-0.06	60	55	+4	Z	0	0	1	60	50	b	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.92	53	NE	1	o	29.90	-0.01	50	47	-2	NE	1	0	0	55	46	c, o	*	-	
	Stornoway...	29.81	63	E	2	bc	29.81	-0.04	57	55	+2	ESE	3	0	3	66	50	bc	8.3	-	
	Malin Head...	29.75	58	E	2	bc, m	29.74	-0.05	55	54	-1	ESE	4	0	2	58	53	7, bc, m	*	-	
	Blacksod Pt. ...	29.72	65	NW	3	op, m	29.75	-0.02	62	61	+2	NNW	1	0	3	67	59	cm, op, m	*	0.06	
	Valencia...	29.72	59	NW	4	om	29.74	-0.00	57	55	-3	WNW	2	0	3	66	56	cm, om	2.6	-	
	Roche's Point...	29.68	64	SSW	3	cg	29.69	-0.04	61	59	-2	NNW	4	0	2	68	59	c, cg	*	0.04	
	Parsonstown...	29.69	66	E	2	o	29.71	-0.03	59	57	-3	SE	1	0	*	70	56	o, p	2.4	0.03	
	Donaghadee...	29.74	59	NNW	1	om	29.77	-0.00	55	54	0	E	4	0	4	61	54	om, cg, p	*	0.16	
	Liverpool Obsy...	29.66	63	ESE	3	+	29.70	-0.04	56	52	-5	E	2	0	2	70	54	22, p	*	0.38	
	Holyhead...	29.67	62	NE	2	op, bc, m	29.69	-0.03	57	55	-5	E	4	0	3	66	55	22, op, bc, m	*	0.16	
	Pembroke (St Ann's)	29.63	60	N	4	c	29.61	-0.10	62	60	-1	NE	2	0	2	68	58	op, bc, m	1.4	0.05	
	Scilly (St. Mary's)	29.62	60	NNE	3	+	29.68	+0.03	61	60	-2	WNW	4	0	3	67	59	o, +	3.0	0.62	
	Jersey (St. Aubins)	29.67	62	W	3	c	29.66	-0.01	59	59	-3	SW	3	0	3	67	58	cg, om, t	3.5	0.51	
	Portland Bill	29.64	59	WSW	3	op	29.61	-0.08	60	59	-3	S	3	0	2	67	57	cg, op	*	0.14	
	Dungeness...	29.59	65	W	1	c	29.64	-0.04	62	59	-2	W	3	0	2	70	59	bc, 22, p	5.6	0.26	
	Wick...	29.88	55	ESE	2	b	29.87	-0.01	54	52	-3	ESE	2	0	1	65	48	-	*	-	
Nairn...	29.81	63	E	2	c	29.83	-0.03	57	53	-1	ESE	2	0	1	70	43	cm	*	-		
Aberdeen...	29.89	57	SE	3	c	29.86	-0.04	56	51	+1	ENE	3	0	2	61	53	c, o, c	0.8	-		
Leith...	29.83	58	NE	1	o	29.81	-0.03	57	54	0	NE	3	0	*	60	54	-	*	-		
North Shields	29.81	56	ENE	4	+	29.78	-0.04	55	53	-5	NE	3	0	3	60	53	2, +	*	0.11		
Spurn Head	29.73	60	ENE	5	c	29.69	-0.08	56	55	-4	NNE	4	0	3	65	55	-	*	0.61		
Yarmouth...	29.66	65	ENE	5	c	29.58	-0.17	63	62	-2	WSW	3	0	4	66	60	c	*	0.74		
Clacton-on-Sea...	29.64	66	ENE	3	o	29.64	-0.09	65	61	-3	WSW	3	0	2	69	60	bc, op, 22, p	7.5	0.32		
Nottingham...	29.67	64	ENE	2	o	29.67	-0.07	56	55	-8	ENE	1	0	*	76	55	c, o	3.5	0.91		
Bath...	29.60	67	NW	1	o	29.62	-0.07	61	60	-5	S	1	0	*	73	58	-	0.0	0.71		
Oxford...	29.60	64	SE	2	o	29.62	-0.10	61	59	-3	SW	1	0	*	74	59	op, 22, p	*	0.83		
London (Brixton)	29.59	70	SE	1	og	29.64	-0.06	61	59	-6	SW	1	0	*	74	57	op, 22, p	0.6	0.73		
GERMANY, &c.	The Scaw (Skagen)	29.80	62	E	1	b	29.83	+0.04	61	59	+3	E	1	0	0	70	55	-	*	-	
	Fanö...	29.82	55	NW	2	o	29.76	-0.12	60	54	+1	E	1	0	*	64	50	-	*	-	
	Cuxhaven...	29.78	68	N	3	b	29.72	-0.14	62	60	+2	ESE	4	0	*	70	59	-	*	-	
	The Helder...	29.67	64	ENE	4	bc	29.64	-0.14	63	62	-1	SW	3	0	1	66	61	-	*	1.14	
	Brussels...	*	*	*	*	*	29.73	-0.03	62	58	-4	S	3	0	*	84	57	-	*	0.28	
	Berlin...	29.71	68	NE	2	c	29.74	-0.07	66	64	-5	S	1	0	*	88	64	-	*	0.39	
	Frankfurt...	29.78	66	S	4	o	29.85	+0.05	67	63	-4	S	4	0	*	88	64	-	*	0.20	
	Munich...	29.79	74	SE	3	b	29.98	+0.04	64	60	-4	W	4	0	*	84	61	-	*	-	
FRANCE.	C. Gris Nez...	29.61	65	E	2	b	29.67	-0.04	60	58	-3	SW	3	0	3	79	59	-	*	0.16	
	Brest...	29.70	64	W	4	c	29.79	+0.08	63	62	+2	NW	5	0	4	70	61	-	*	0.43	
	Rochefort...	29.79	64	WSW	5	o	29.83	+0.06	67	65	+5	W	5	0	*	72	57	o	*	0.75	
	Biarritz...	29.97	73	WNW	3	c	30.06	+0.16	67	62	+1	WSW	4	0	3	75	61	-	*	0.55	
	Paris...	29.73	69	SW	3	bc	29.78	+0.02	60	58	-8	SSW	4	0	*	80	57	-	*	-	
	Belfort...	29.80	60	WSW	6	o	29.86	+0.07	63	58	-4	WSW	3	0	*	67	55	-	*	0.28	
	Lyons...	29.90	63	E	1	o	29.98	+0.16	61	56	-13	SW	1	0	*	74	55	op, 22, p	*	0.35	
	Nice...	29.82	76	SE	2	b	29.79	-0.09	76	67	-2	NE	1	0	3	86	66	-	*	-	
Perpignan...	29.82	79	W	2	b	30.00	+0.22	70	64	-4	W	1	0	*	91	60	-	*	-		
SPAN. PEN.	Corunna...	30.12	65	WNW	3	b	30.08	-0.02	67	61	-1	SW	3	0	*	75	63	-	*	-	
	Lisbon...	30.21	66	N	3	c	30.15	-0.06	68	64	-1	NNE	1	0	2	77	66	-	*	-	
	" (Horta)...	30.22	65	N	2	o	30.18	-0.07	64	60	-4	Z	0	0	1	77	63	-	*	-	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR TUESDAY 26<sup>TH</sup> JULY, 1904.

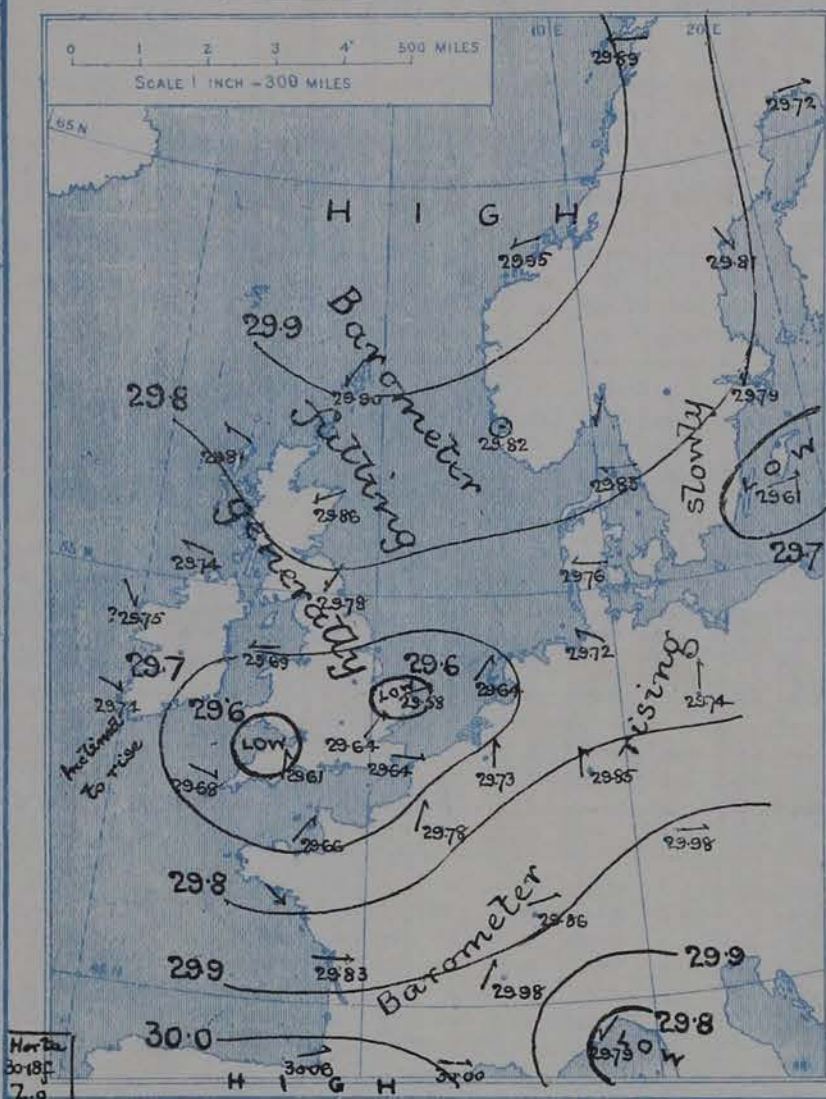
## I. BAROMETER, WIND AND SEA. This Morning.

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

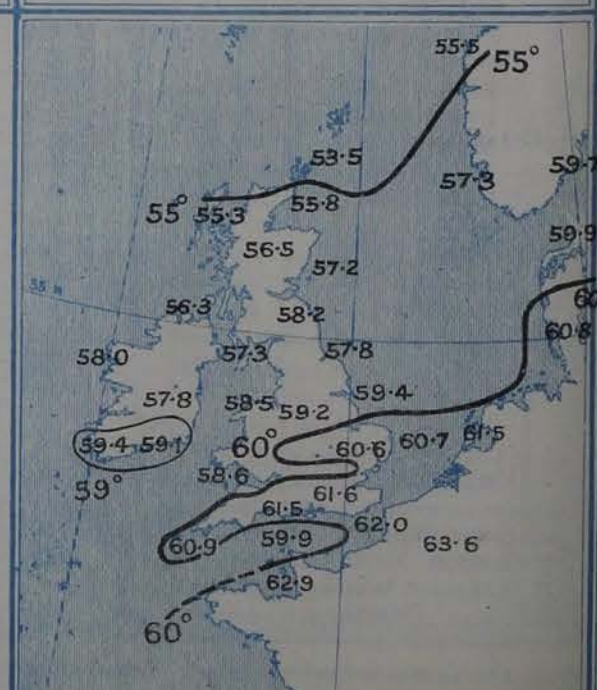
recorded

in various districts of the United Kingdom during the week ended Saturday, 23<sup>RD</sup> JULY.



## V. Means of DAILY TEMPERATURE

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





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Very little change has taken place in the general distribution of pressure in the immediate neighbourhood of our islands, an anticyclone of slight intensity, barometer 29.95 ins., lying off the west of Norway, and a trough of relatively low pressure extending from our South-western coasts to the Baltic, the barometer being lowest, below 29.6 ins., over Norfolk and Devon. Southward from the English Channel, however, a rise of the mercury has set in from an anticyclone situated over the Iberian peninsula.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Winds from between North-West and West to South prevail over the more southern portions of England and Ireland and on the Continent, from the Bay of Biscay to Germany, mostly moderate or light in force, but blowing freshly on the upper part of the Bay. Over the rest of the region under observation the direction is mainly from between East and North, few stations reporting as much as a moderate breeze. Temperature has risen at most of the Scandinavian stations, fallen nearly everywhere else. The present readings range from 50° at Sumburgh Head and 54° at Wick to 63° at Yarmouth and 65° at Clacton-on-Sea; from 46° at Bods and 53° at Christiansund to 70° at Perpignan and 76° at Nice. The weather is fine and clear in most parts of Scandinavia and the South of France, but elsewhere it is generally cloudy to dull and overcast, misty or gloomy at several of our western stations, foggy at Blacksod Point, and rain is falling at Jersey, Portland, Spurn Head, The Helder and Berlin. The sea is moderate off Yarmouth, Donaghadee and Lorient, slight to very smooth elsewhere.

Temperature rose yesterday to 76° at Nottingham and 75° at Birmingham but remained below 70° at the majority of stations, 55° at Sumburgh Head. Bright sunshine was of brief duration generally, none to less than 4 hours in most places, but Stornoway had 8.3 hours. Thunderstorms have occurred over the greater part of England, with rainfall amounting to 0.5 in. and upwards in many places, to as much as 1.6 in. at Westminster.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance over our southern districts is likely to maintain the unsettled type of conditions through the greater part of the ensuing twenty-four hours, but the extension northward of the Iberian high pressure will later bring about a general improvement.

## FORECASTS\*

For the 24 hours ending at NOON on July 27<sup>th</sup>

1904.

### DISTRICTS.

### FORECASTS.

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

Light E<sup>ly</sup> to NE<sup>ly</sup> breezes; cloudy to fine, local showers.

Light variable breezes; weather very changeable, close and thundery, with rain

### DISTRICTS.

### FORECASTS.

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

Same as N<sup>os</sup> 0 and 1.

Same as N<sup>os</sup> 2 to 5.

Moderate or light E<sup>ly</sup> breezes; fair to dull, some showers.

Light N<sup>ly</sup> to W<sup>ly</sup> breezes; fair to dull, some showers.

### WARNINGS

NONE ISSUED.

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

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	72	60	o, r, c, o	1.7	0.15	Hastings ... ..	*	*	*	2.7	*
Southport, to 9 p.m....	71	60	o, r, c, o, p	0.3	0.20	Broadstairs, ... ..	*	*	*	*	*
Rhyl, to 6 p.m. ....	*	*	*	0.0	*	Margate, to 6 p.m. ...	74	62	c, b, c, r	4.3	—
Llandudno ... ..	*	*	*	0.8	*	Lowestoft, to 6 p.m....	68	61	c, b, c, o	4.0	—
Bettws-y-Coed, to 6 p.m....	*	*	*	*	*	Skegness ... ..	*	*	b, c, r	4.7	*
Aberystwyth, to 6 p.m. ...	66	61	o, c, r	2.6	0.40	Scarborough, ... ..	63	*	*	0.0	*
Plymouth, to 9 p.m....	64	57	o, r	0.0	1.41	Harrogate, to 6 p.m. ...	70	58	l, t, r, c, o	0.0	1.41
Bournemouth, to 6 p.m. ...	72	57	p, b, r	2.0	?	Manchester, to 9 p.m. ...	73	61	o, b, c, r, b, c, p	1.8	0.26
Worthing ... ..	*	*	*	1.0	*	Darwen, to 9 p.m. ...	63	57	o, m, b, r	0.5	0.01
Brighton, ... ..	*	*	*	1.8	*	Birmingham, to 9 p.m. ...	75	61	o, b, r, o	0.8	1.05
Eastbourne, to 6 p.m. ...	68	*	*	2.0	*						

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

STATIONS. 25 <sup>th</sup> July 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	72	57	c, o	—	25 <sup>th</sup> July.				
St. Petersburg ... ..	66	54	b, c, b, c	—	Rome ... ..	92	70	b, b	—
Moscow ... ..	*	*	c, b	0.28	Naples ... ..	87	73	b, b	—
Cracow ... ..	79	57	b, o	—	Malta ... ..	91	74	?, b	—
Flushing ... ..	79	64	o, c	0.32	24 <sup>th</sup> July. Not recd.	1 p.m.		1 p.m.	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	o, o	0.04	Geneva ... ..		*		
Vienna ... ..	84	68	b, c, c	—	Berne ... ..		*		
Buda Pesth ... ..	90	66	b, o	—	Lucerne ... ..		*		
Hermanstadt ... ..	82	57	b, b	—	Castasegna ... ..		*		
Florence ... ..	94	71	b, b, c	—	Lugano ... ..		*		

### EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

26 <sup>th</sup> July 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	4.44	11.59	7.53
Greenwich ... ..	4.16	12.6	7.56
Wick ... ..	3.51	12.18	8.45
Valencia ... ..	4.55	12.47	8.40

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 27<sup>th</sup> JULY, 1904.

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.)	Temp.		Weather	Sun- shine Hours.	Rainfall. Ins.		
At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fabr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°			°	°									
SCANDINAVIA	Haparanda...	29.72	59	N	2	6	29.84	+1.2	50	44	-5	N	6	6	*	68	46	-	*	-	
	Hernösand...	29.81	57	Z	0	6	29.89	+0.8	59	52	+4	N	2	2	*	68	48	-	*	-	
	Stockholm...	29.85	60	Z	0	6	29.88	+0.9	64	55	+5	NW	2	2	*	66	52	-	*	-	
	Wisby...	29.86	60	Z	0	6	29.88	+2.7	63	60	+3	W	2	2	*	63	50	-	*	-	
	Karlstad...	29.83	65	Z	0	6	29.89	+0.5	63	54	+4	Z	0	6	*	-	-	-	*	-	
	Färder (X'ania Fjord)	29.81	67	WSW	2	6	29.88	+0.4	62	58	+3	NNE	2	2	*	70	59	-	*	-	
	Bodö...	29.97	51	N	1	0	30.00	+1.1	53	50	+7	N	2	2	1	54	45	-	*	-	
	Christiansund...	29.96	54	NNE	4	6	29.98	+0.3	51	49	-2	NE	4	4	3	59	50	-	*	-	
Skudesnaes...	29.83	64	N	2	6	29.89	+0.7	63	57	+3	Z	0	6	1	64	55	6	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.87	52	NE	3	0	29.88	-0.2	51	50	+1	NE	2	0	3	54	49	0	*	-	
	Stornoway...	29.83	64	E	3	6c	29.86	+0.5	54	51	-3	E	1	6	1	67	45	6.3c	14.0	-	
	Malin Head...	29.76	58	ESE	3	6c	29.84	+1.0	57	55	+2	ESE	2	6c	1	59	50	0.6c	*	-	
	Blacksod Pt. ...	29.75	59	WSW	2	7m	29.84	+0.9	57	55	-5	WNW	1	6pm	3	62	55	7m	*	0.30	
	Valencia...	29.81	59	WNW	2	c	29.88	+1.4	58	56	+1	Z	0	c	3	62	50	6c, 6c	6.1	-	
	Roche's Point...	29.76	63	NNW	3	0	29.87	+1.8	60	?	-1	NNW	4	6	2	64	54	09.0	*	-	
	Parsonstown...	29.75	58	W	1	7	29.85	+1.4	58	57	-1	Z	0	0	*	59	56	0.7	0.0	0.14	
	Donaghadee...	29.78	59	NNE	2	0	29.86	+0.9	55	53	0	E	3	c	2	60	53	-	*	-	
	Liverpool Obsy...	29.74	58	E	2	c	29.81	+1.1	57	54	+1	E	1	0	1	60	54	0m, c	*	-	
	Holyhead...	29.74	59	ENE	3	cm	29.81	+1.2	57	56	0	NE	2	0	1	63	55	0m, cm	*	-	
	Pembroke (St Ann's)	29.68	59	S	1	0	29.82	+2.1	56	56	-6	NW	3	09p	2	66	56	09.09m	0.4	0.10	
	Scilly (St. Mary's)...	29.77	61	NW	5	c	29.88	+2.0	60	57	-1	NW	3	c	3	62	57	0, c	0.5	-	
	Jersey (St. Aubins)...	29.77	62	W	5	0	29.86	+2.0	59	58	0	W	5	07	4	65	54	09m, 97	1.4	0.67	
	Portland Bill...	29.68	61	W	1	7	29.77	+1.6	58	57	-2	NW	5	0	4	63	57	7, 7	*	1.04	
	Dungeness...	29.67	64	WSW	3	6c	29.70	+0.6	64	61	+2	W	3	c	2	67	57	6c	10.0	-	
	Wick...	29.87	54	ESE	1	0	29.89	+0.2	54	52	0	ESE	1	0	0	57	50	-	*	-	
Nairn...	29.84	56	E	3	6	29.89	+0.6	52	48	7.5	SE	1	6	1	63	47	-	*	-		
Aberdeen...	29.86	54	ENE	3	0	29.89	+0.3	54	51	-2	N	2	0	2	57	52	c, 0	0.2	-		
Leith...	29.82	58	NE	2	0	29.87	+0.6	55	52	-2	NNE	1	0	*	58	52	-	*	-		
North Shields...	29.78	55	N	3	07p	29.81	+0.3	54	54	-1	N	3	7	3	57	52	0, 07p	*	0.10		
Spurn Head...	29.71	57	N	5	m	29.75	+0.6	57	57	+1	NE	2	f	2	59	55	m, f	*	0.16		
GERMANY, &c.	Yarmouth...	29.65	67	WSW	2	6c	29.72	+1.4	63	61	0	Z	0	6c	3	68	59	6.3c	*	-	
	Clacton-on-Sea...	29.65	68	SSE	3	c	29.73	+0.9	65	62	0	N	1	c	0	70	58	6c, 67	11.3	-	
	Nottingham...	29.71	57	NNE	1	0	29.76	+0.9	57	56	+1	N	1	2	*	59	55	2, 0	0.0	0.01	
	Bath...	29.69	66	N	2	7	29.79	+1.7	66	65	+5	N	1	7	*	68	56	-	4.0	0.48	
	Oxford...	29.70	59	NNE	1	7	29.77	+1.5	57	57	-4	N	1	07p	*	68	56	0, 7	*	1.14	
	London (Brixton)...	29.64	68	SW	2	c	29.71	+0.7	61	60	0	E	1	07g	*	74	59	09.07g	4.5	0.05	
	The Scaw (Skagen)	29.84	62	Z	0	6	29.86	+0.3	64	59	+3	NE	1	6	0	68	61	-	*	-	
	Fanö...	29.79	65	Z	0	0	29.80	+0.4	62	61	+2	NE	2	7	*	77	59	-	*	0.04	
Cuxhaven...	29.75	67	N	1	6c	29.79	+0.7	62	61	0	S	1	f	*	68	61	7.3c, f	*	0.20		
FRANCE.	The Helder...	29.70	63	W	1	c	29.72	+0.8	67	63	+4	NW	1	6c	0	70	57	-	*	-	
	Brussels...	*	*	*	*	*	29.78	+0.5	58	58	-4	SSW	5	7	*	71	56	-	*	0.59	
	Berlin...	29.79	71	Z	0	0	29.81	+0.7	66	61	0	SSW	2	c	*	73	59	-	*	-	
	Frankfurt...	29.86	61	S	4	0	29.86	+0.1	65	63	-2	S	4	0	*	75	61	-	*	0.08	
	Munich...	29.99	60	SE	4	6	30.03	+0.5	64	58	0	W	5	0	*	70	57	-	*	0.04	
	C. Gris Nez...	29.69	65	SW	2	c	29.73	+0.6	60	59	0	W	3	0	2	81	57	-	*	-	
	Brest...	29.84	64	W	4	0	29.93	+2.0	60	58	-2	W	3	6	3	64	59	-	*	-	
	Lorient...	29.86	64	NNW	4	0	29.96	+1.7	62	59	-1	WNW	4	6c	3	72	59	-	*	0.04	
	Rochefort...	29.92	67	W	4	0	29.96	+1.3	65	62	-2	NW	4	0	*	72	63	0	*	0.16	
	Biarritz...	30.05	70	NNW	2	c	30.12	+0.6	68	64	+1	SSW	3	c	2	73	63	-	*	-	
	Paris...	29.79	62	SW	1	7	29.92	+1.4	61	59	+1	SW	3	0	*	67	60	-	*	0.43	
	Belfort...	29.86	61	WSW	6	0	29.93	+0.7	62	58	-1	WSW	5	c	*	74	57	-	*	0.04	
SPAN. PEN.	Lyons...	29.93	73	W	1	0	29.99	+0.1	64	59	+3	S	1	0	*	82	59	-	*	-	
	Nice...	29.76	82	WSW	3	6	29.87	+0.8	76	62	0	Z	0	6	0	90	68	-	*	-	
	Perpignan...	29.95	76	SE	2	6	29.99	-0.1	69	64	-1	SW	2	6	*	82	60	-	*	-	
SPAN. PEN.	Corunna...	30.13	68	WSW	4	6c	30.13	+0.5	68	63	+1	Z	0	0	*	73	63	-	*	-	
	Lisbon...	30.08	68	SW	4	0	29.96	-1.9	70	68	+2	WSW	6	0	5	75	66	-	*	-	
	Azores (P. Delgada)...	30.02	69	SW	5	0	29.92	-2.6	69	64	+5	WNW	3	6	3	73	64	-	*	0.04	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR WEDNESDAY, 27<sup>th</sup> JULY, 1904.

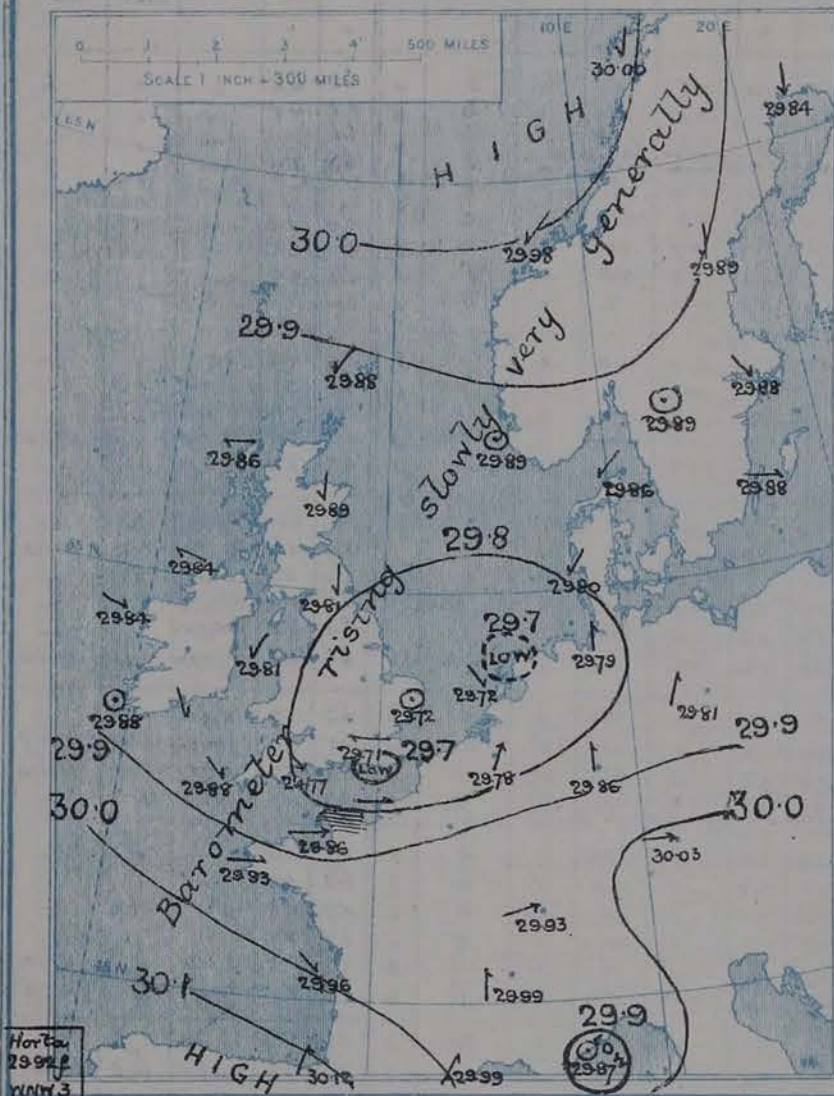
## I. BAROMETER, WIND AND SEA. This Morning.

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 ————

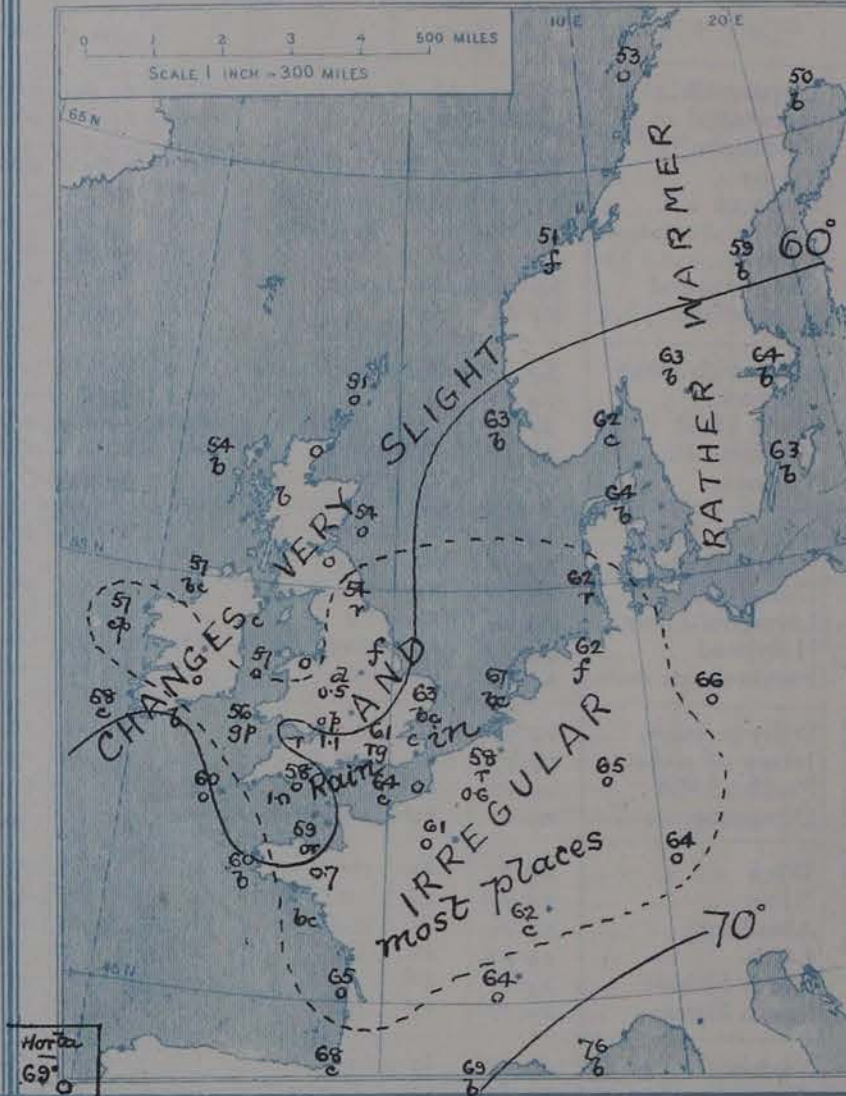


## II. TEMPERATURE AND WEATHER. This Morning.

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.



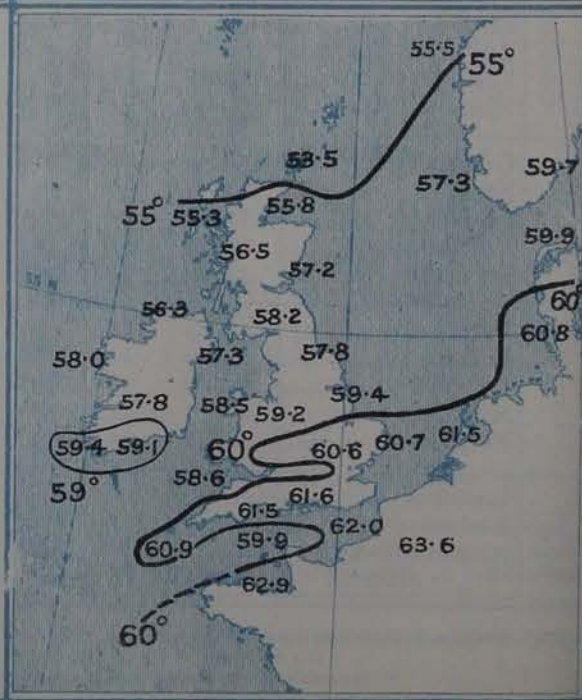
## IV. LAST WEEK'S RAINFALL.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 23<sup>rd</sup> JULY, with the percentage of the average amount for the corresponding week.



## V. Means of DAILY TEMPERATURE

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





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

Atmospheric pressure is now increasing slowly over the whole of the region under observation, but the relative distribution has not undergone any decided alteration. The disturbance of yesterday has moved a little to eastward, still having two minima, one over Heligoland Bay, and the other between London and Dungeness, the barometer in both localities being at 29.7 ins. An anticyclone lies off the Norwegian coast, the mercury having risen to 30.0 ins. at Bodø. Another high pressure area is spreading northward across the Bay of Biscay, the barometer at Biarritz reading 30.12 ins.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

North-Easterly to Northerly winds prevail over Scandinavia and the greater part of Britain, North-Westerly to Westerly in Ireland and thence round to the Straits of Dover and Western France, South-Westerly to Southerly thence eastward to the Netherlands and Germany. A fresh or strong breeze is blowing at some of the Channel stations, at Brussels, Belfort, Munich and Haparanda, otherwise calms and light breezes prevailing extensively. Temperature has risen at nearly all stations beyond the North Sea but elsewhere the changes are slight and irregular. The present readings range from 51° at Sumburgh Head and 52° at Nairn to 65° at Clacton-on-Sea and 66° at Bath; from 50° at Haparanda and 51° at Christiansund to 69° at Perpignan and 70° at Nice. The weather is fine and clear in Sweden, at a few of our more northern and western stations and in the extreme south of France, mostly dull and overcast elsewhere, with rain in several parts of England and at Brussels and Fano, foggy at the entrance to the Humber and the Elbe, and at Christiansund. The sea is rough off Havre, moderate off Jersey and Portland, slight to smooth elsewhere.

During yesterday temperature <sup>was</sup> 74° in London, 73° at Margate and 70° at Clacton-on-Sea, all the northeastern stations failing to reach 60°, Sumburgh Head being 53°. The duration of bright sunshine varied greatly, several places had none, while Stornoway had 14 hours. Thunderstorms occurred in some southern and south-eastern counties. There were further heavy falls of rain in the south, exceeding 1 in. at Portland Bill, and 1.1 in. at Oxford.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The conditions are gradually assuming a more settled type. The rain disturbance is filling up as it moves eastward, and the anticyclone to the southwestward is steadily gaining ground, so that in the course of the ensuing 24 hours, Westerly winds will become more general and the weather improve.

## FORECASTS\*

For the 24 hours ending at NOON on July 28<sup>th</sup> 1904.

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	Light E <sup>ly</sup> to N <sup>ly</sup> and variable breezes; generally fair to fine.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	Light N <sup>ly</sup> to W <sup>ly</sup> breezes; unsettled, close and thundery, with rain at first, improving later.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	Light variable breezes, finally NW <sup>ly</sup> to W <sup>ly</sup> ; at first changeable, close, and thundery, with rain, improving later.
5	{ ENGLAND SOUTH	

6	{ SCOTLAND WEST	Same as Nos 0 and 1.
7	{ ENGLAND N.W.	NE <sup>ly</sup> to NW <sup>ly</sup> breezes, light; fair generally, after local showers.
8	{ ENGLAND S.W.	Light NW <sup>ly</sup> breezes; fair generally, local showers.
9	{ IRELAND NORTH	Light E <sup>ly</sup> to NW <sup>ly</sup> breezes; fair generally, some showers.
10	{ IRELAND SOUTH	Light NW <sup>ly</sup> to W <sup>ly</sup> breezes; fair or fine generally.

### WARNINGS

NONE ISSUED.

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	64	54	o, c, o	0.4	0.05	Hastings ... ..	*	*	*	11.7	*
Southport, to 9 p.m....	63	51	c, o	0.2	0.07	Broadstairs, ... ..	*	*	*		*
Rhyl, to 6 p.m. ....	*	*	*	0.2	*	Margate, to 6 p.m. ...	73	56	b, r, b	8.6	0.34
Llandudno ... ..	*	*	*	1.1	*	Lowestoft, to 6 p.m....					
Bettws-y-Coed, to 6 p.m....					*	Skegness ... ..	*	*	c	0.0	*
Aberystwyth, to 6 p.m. ...	66	57	r, o, c	4.1	0.16	Scarborough, ... ..	57	*	*	0.0	*
Plymouth, to 9 p.m....						Harrogate, to 6 p.m. ...	61	53	o, d	0.0	0.04
Bournemouth, to 6 p.m. ...	66	59	?	0.9	0.33	Manchester, to 9 p.m. ...	63	?	o, r, b, c, r	0.1	0.06
Worthing ... ..	*	*	*	12.2	*	Darwen, to 9 p.m. ...	62	51	om, b, p, om	0.3	0.18
Brighton, ... ..	68	*	*	11.2	*	Birmingham, to 9 p.m. ...	63	55	o, r, o	0.0	0.55
Eastbourne, to 6 p.m. ...	67	*	*	10.5	*						

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

STATIONS. 26 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 26 <sup>th</sup> July	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	64	54	b, b, c	—	Rome ... ..	94	71	b, b	—
St. Petersburg ... ..	73	52	o, o	0.51	Naples ... ..	86	70	b, o	—
Moscow ... ..	*	*	b, c	—	Malta ... ..	93	78	?, b	—
Cracow ... ..	90	66	o, b	0.04	25 <sup>th</sup> July				
Flushing ... ..	79	63	o, c	0.24	Geneva ... ..	81	*	b, c	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	o, o	0.04	Berne ... ..	82	*	b, c	—
Vienna ... ..	86	64	b, b	—	Lucerne ... ..	84	*	b	0.08
Buda Pesth ... ..	88	79	b, b	0.04	Castasegna ... ..	77	*	b	—
Hermanstadt ... ..	81	57	b, b	—	Lugano ... ..	84	*	b	—
Florence ... ..	78	74	b, 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.

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

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

27 <sup>th</sup> July, 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	4.5	11.59	7.52
Greenwich ... ..	4.17	12.6	7.55
Wick ... ..	3.53	12.18	8.43
Valencia ... ..	4.56	12.47	8.39

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Thursday, 28<sup>th</sup> JULY, 1904.

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 8 <sup>30</sup> and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 8 <sup>30</sup> 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...	29.91	54	Z	0	c	29.92	+0.8	54	48	+4	NE	2	b	*	59	48	-	*	-	
	Hernösand...	29.96	53	Z	0	b	29.98	+0.9	60	51	+1	SW	2	b	*	68	50	-	*	-	
	Stockholm...	29.91	60	S	2	b	29.92	+0.4	62	52	-2	N	2	b	*	73	54	-	*	-	
	Wisby...	29.92	60	Z	0	b	29.96	+0.8	62	57	-1	NE	4	b	*	64	50	-	*	-	
	Karlstad...	29.87	68	Z	0	b	29.98	+0.9	63	57	0	ESE	2	b	*	*	*	-	*	-	
	Færder (X'iania Fjord)	29.86	68	WSW	2	b	29.95	+0.7	66	60	+4	Z	0	b	2	70	62	-	*	-	
	Bodö...	30.04	50	N	2	o	30.05	+0.5	49	47	-4	SW	4	c	2	53	46	-	*	-	
	Christiansund...	29.99	52	ENE	2	bc	30.03	+0.5	50	49	-1	ENE	4	f	3	55	50	-	*	-	
Skudesnaes...	29.92	56	NNW	2	b	29.97	+0.8	56	54	-7	N	2	b	1	70	52	b	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.97	53	NE	2	o	30.04	+1.6	50	48	-1	NE	1	o	2	54	47	o	*	-	
	Stornoway...	29.91	64	E	2	b	29.96	+1.0	58	56	+4	SSE	1	c	1	65	48	b	15.3	-	
	Malin Head...	29.89	58	E	2	bm	29.93	+0.9	61	59	+4	SE	1	bm	1	61	52	b, bm	*	-	
	Blacksod Pt.	29.91	60	NW	2	c	29.88	+0.4	61	58	+4	SSE	3	c	3	63	56	c	*	0.01	
	Valencia...	29.90	64	SSE	2	bc	29.83	-0.5	61	58	+3	SE	5	o	4	65	54	c, bc	6.4	-	
	Roche's Point...	29.92	65	SW	3	bc	29.95	+0.8	62	60	+2	S	4	o	4	67	51	c, bc	*	-	
	Parsonstown...	29.90	62	Z	0	o	29.92	+0.7	60	57	+2	E	1	b	*	63	52	o	0.0	-	
	Donaghadee...	29.90	59	NNE	1	bc	29.98	+1.2	57	55	+2	NNE	1	cm	1	60	54	bc, cm	*	-	
	Liverpool Obsy...	29.87	61	N	2	o	30.01	+2.0	60	56	+3	SSE	1	bc	1	65	55	-	*	-	
	Holyhead...	29.90	58	NW	1	om	29.99	+1.8	58	57	+1	SW	2	c	1	60	52	om	*	-	
	Pembroke (St Ann's)	29.93	57	W	1	o	30.00	+1.8	61	59	+5	S	2	b	2	63	55	ormg	0.0	0.03	
	Scilly (St. Mary's)...	29.97	63	WSW	2	bc	29.96	+0.8	64	61	+4	S	4	b	2	66	59	bc	11.4	-	
	Jersey (St. Aubins)...	30.02	63	WNW	5	bc	30.11	+2.5	61	59	+2	SW	2	bc	2	65	54	or, bc, cm	7.0	0.17	
	Portland Bill...	29.93	59	WNW	5	cp	30.06	+2.9	60	57	+2	WNW	2	b	2	61	57	p, cp	*	0.21	
	Dungeness...	29.81	61	W	3	c	30.01	+3.1	62	60	-2	NW	3	c	1	67	58	22, c	2.9	0.34	
	Wick...	29.89	58	ESE	1	bc	30.01	+1.2	52	52	-2	ESE	1	d	0	62	49	-	*	-	
Nairn...	29.92	59	E	1	b	30.01	+1.2	50	50	-2	E	1	o	1	64	49	-	*	-		
Aberdeen...	29.95	55	ENE	4	o	30.04	+1.5	53	52	-1	ENE	1	o	2	61	51	bc, om	5.4	-		
Leith...	29.90	58	E	2	o	30.02	+1.5	55	54	0	ENE	1	r	*	59	52	-	*	0.01		
North Shields...	29.86	58	N	4	o	29.99	+1.8	57	56	+3	N	3	o	3	59	53	r, o, r	*	0.03		
Spurn Head...	29.84	59	N	3	bc	30.00	+2.5	60	58	+3	N	1	c	2	63	56	-	*	-		
GERMANY, &c.	Yarmouth...	29.80	61	W	3	c	29.96	+2.4	61	59	-2	WNW	2	cf	3	67	55	bc, c	*	-	
	Clacton-on-Sea...	29.83	60	NW	1	o	29.99	+2.6	61	60	-4	WNW	1	c	1	67	54	bc, o, r, c	2.5	0.46	
	Nottingham...	29.84	61	N	1	or, bm	29.99	+2.3	61	60	+4	Z	0	om	*	68	56	og, bm	0.8	0.35	
	Bath...	29.90	60	NW	3	bc	30.04	+2.5	60	56	-6	NW	1	o	*	64	53	-	0.0	0.04	
	Oxford...	29.89	61	W	1	o	30.03	+2.6	59	57	+2	NW	1	og	*	63	56	o, r	*	0.46	
	London (Brixton)...	29.83	64	W	3	o	30.01	+3.0	61	59	0	Z	0	o	*	67	59	o, op	0.0	0.08	
	The Scaw (Skagen)	29.90	67	Z	0	b	29.98	+1.2	67	61	+3	WNW	2	bc	0	75	57	-	*	-	
	Fanö...	29.88	63	E	2	o	29.96	+1.6	62	58	0	E	4	b	*	72	57	-	*	0.16	
Cuxhaven...	29.80	68	E	2	o	29.92	+1.3	61	60	-1	E	2	o	*	70	59	f, o	*	-		
FRANCE.	The Helder...	29.79	65	NNE	1	bc	29.93	+2.1	64	61	-3	NNE	1	o	1	72	61	-	*	0.04	
	Brussels...	*	*	*	*	*	29.99	+2.1	60	59	+2	W	2	o	*	69	57	-	*	0.43	
	Berlin...	29.80	70	W	1	c	29.89	+0.8	63	62	-3	WNW	1	r	*	73	61	-	*	-	
	Frankfurt...	29.92	63	SW	2	c	30.00	+1.4	63	61	-2	SW	3	o	*	72	59	-	*	0.08	
	Munich...	30.04	57	W	2	r	30.12	+0.9	59	56	-5	W	5	r	*	75	55	-	*	0.75	
	C. Gris Nez...	29.86	61	WNW	4	o	30.00	+2.7	60	59	0	W	4	f	4	70	59	-	*	0.04	
	Brest...	30.04	67	W	2	b	30.07	+1.4	61	60	+1	SE	3	o	3	70	59	-	*	-	
	Lorient...	30.07	67	WNW	4	b	30.05	+0.9	62	60	0	E	2	bc	2	70	57	-	*	-	
Rochefort...	30.06	68	NW	4	bc	30.12	+1.6	64	62	-1	SW	3	bc	*	73	59	c, bc	*	-		
Biarritz...	30.14	71	NNE	1	c	30.17	+0.5	67	63	-1	E	1	b	1	75	61	-	*	-		
SPAN. PEN.	Paris...	29.96	67	WNW	3	o	30.12	+2.0	57	55	-4	SSW	2	o	*	72	50	-	*	-	
	Belfort...	29.93	67	WSW	6	c	30.07	+1.4	60	57	+2	WSW	4	c	*	73	54	-	*	0.08	
	Lyons...	30.02	73	W	2	b	30.14	+1.5	64	59	0	NNW	1	b	*	84	58	-	*	-	
	Nice...	29.82	81	SW	1	b	29.91	+0.4	71	68	-5	SW	1	b	1	90	70	-	*	-	
	Perpignan...	30.01	79	NW	3	bc	30.09	+1.0	71	64	+2	SW	2	b	*	85	64	-	*	-	
	Corunna...																		*	-	
Lisbon...																		*	-		
Azores (P. Delgada)...	30.00	66	NW	1	o	30.02	+0.6	66	60	-4	N	1	b	2	73	61	-	*	-		
„ (Horta)...	30.01	65	W	3	b	30.02	+1.0	64	57	-5	W	3	b	2	73	61	-	*	-		

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR THURSDAY, 28<sup>TH</sup> JULY, 1904.

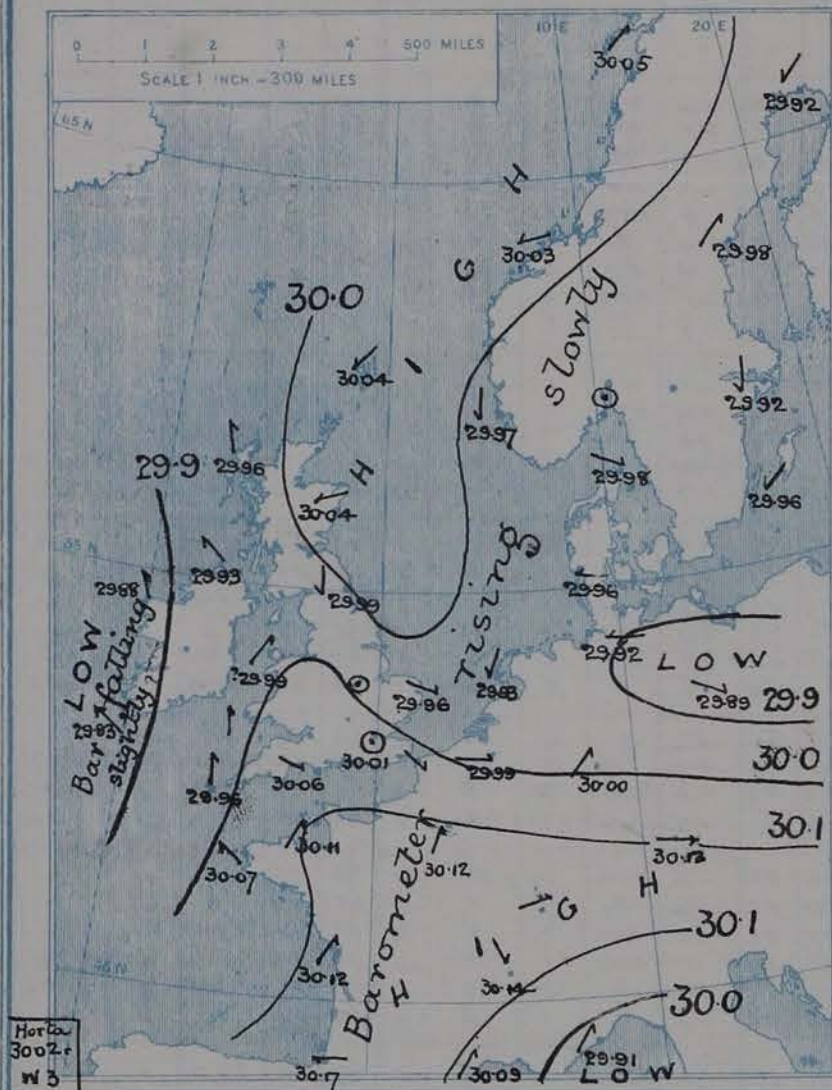
## I. BAROMETER, WIND AND SEA. This Morning.

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

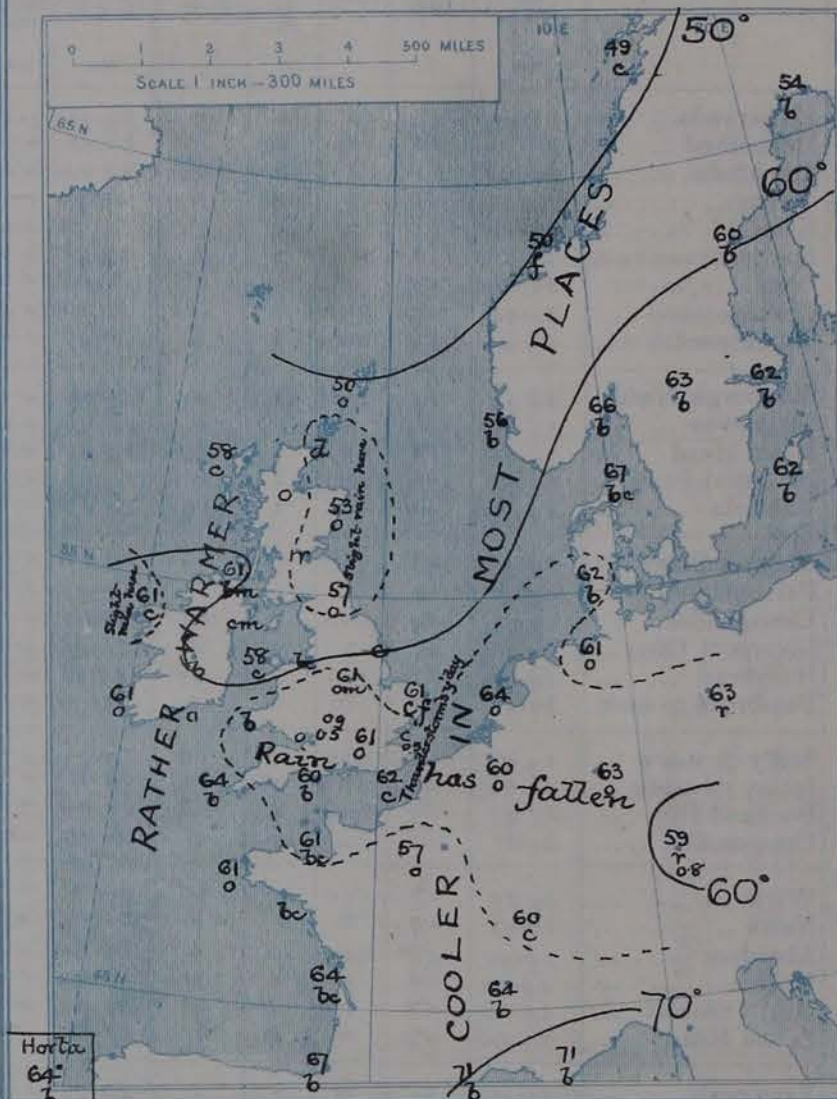


## II. TEMPERATURE AND WEATHER. This Morning.

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



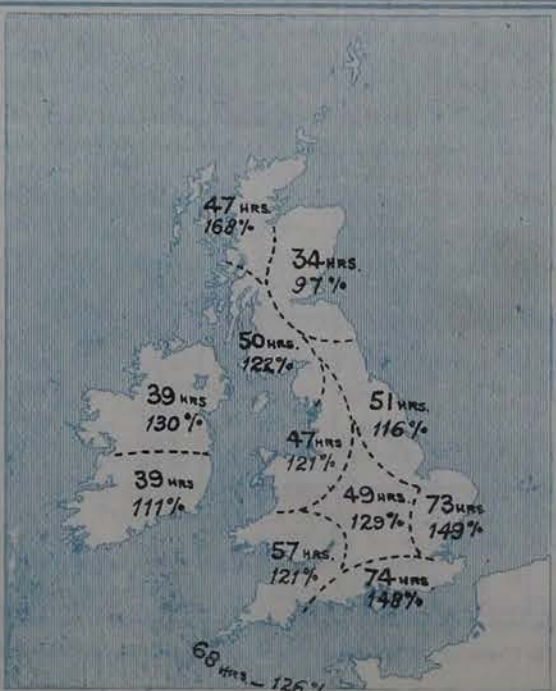
## III. BAROMETER AND WIND

Yesterday morning.



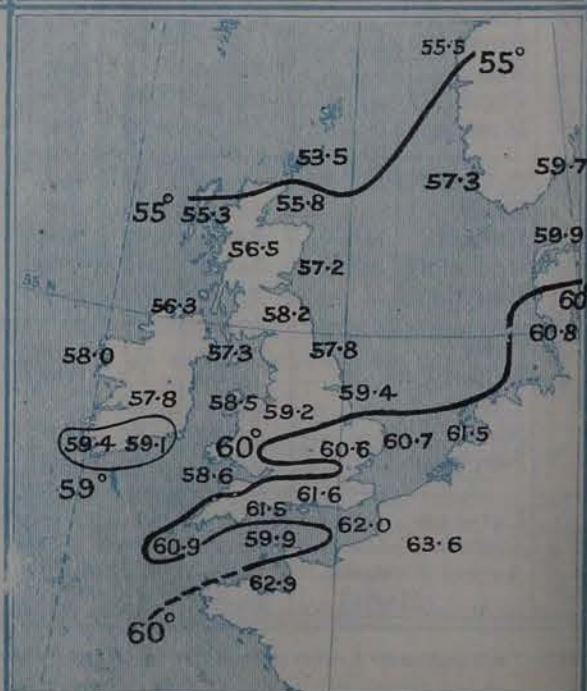
## IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 23<sup>RD</sup> JULY, with the percentage of the average duration for the corresponding week.



## V. Means of DAILY TEMPERATURE

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





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The recent thunderstorm disturbance has now passed on to North Germany, where it is fitting up, and the barometer has risen over the whole of the region under observation, rather decidedly over England, a high pressure system, with the mercury above 30.1 ins., being centred over France and eastward into Bavaria, and another, with readings above 30 ins., extending from our north-eastern coasts across Norway to the Arctic Circle. At our extreme south-western stations, however, a new fall of the mercury has set in, and another disturbance seems to be forming off the west of France.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Light Westerly breezes prevail over the southern parts of England, from between North and East up our north-eastern coasts, and at the western stations a Southerly to South-Easterly current has set in, blowing freshly at Valencia. At the Continental stations equally variable directions are reported. Temperature has risen somewhat at the majority of our home stations, fallen at the foreign ones. The present values range from 50° at Sumburgh Head and Nairn and 52° at Wick to 62° at Dungeness and Roche's Point and 64° at Scilly; from 49° at Bodø and 50° at Christiansund to 67° at Biarritz and 71° at Nice and Perpignan. The sky has become clear or nearly so in several parts of our islands, but in places it is still overcast, with rain at Leith and drizzle at Wick. Off Yarmouth, and also at Cape Gris Nez and Christiansund, the atmosphere is foggy. Generally on the Continent the weather is fine, but rain is falling at Berlin and Munich. The sea is moderate along the south of Ireland and the French side of the Channel, slight to smooth elsewhere.

During yesterday temperature rose to 70° at Brighton and 68° at Eastbourne, Nottingham and Plymouth, against 59° at Leith and Shields and 54° at Sumburgh Head. Bright sunshine was again exceedingly variable, a number of stations recording none, very few had as much as 4 hours, but Scilly had 11.4 hours and Stornoway 15.3 hours. Thunderstorms were experienced in many parts of our eastern and south-eastern counties. At Clacton-on-Sea and Oxford nearly 0.5 in. of rain fell.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is of an uncertain type, the influence of two anticyclones being to some extent affected by the disturbance off Ireland and a smaller one which is indicated on the Bay of Biscay. A return of close, thundery, conditions to our southern districts seems probable with an increase of temperature.

## FORECASTS\*

For the 24 hours ending at NOON on *July 29<sup>th</sup>*, 1904.

### DISTRICTS.

### FORECASTS.

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

Light SE<sup>ly</sup> to S<sup>ly</sup> breezes; fair generally, some showers.

Light variable breezes; fair or fine, local showers.

Light W<sup>ly</sup> to variable breezes; fair or fine at first, less settled later, close and thundery, some rain.

### DISTRICTS.

### FORECASTS.

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

S<sup>ly</sup> (SE. to SW.) breezes; changeable, fair or fine generally, but rain at times.

### WARNINGS

NONE ISSUED.

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

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	67	55	o, c	3.8	—	Hastings ... ..	*	*	*	2.5	*
Southport, to 9 p.m....	66	54	o, c, o	2.2	—	Broadstairs, to 6 p.m....	*	*	*	0.2	*
Rhyl, to 6 p.m. ....	*	*	*	4.5	*	Margate, to 6 p.m. ....	66	56	z, c	0.8	0.03
Llandudno, to 6 p.m. ....	*	*	*	3.7	*	Lowestoft, to 6 p.m....	67	57	c, o, z, o	4.3	—
Bettws-y-Coed, to 6 p.m....	64	55	c	0.0	*	Skegness ... ..	*	*	c, p	0.0	*
Aberystwyth, to 6 p.m. ....	62	56	r, o, c	3.4	0.04	Scarborough, to 6 p.m. ....	66	*	*	0.0	*
Plymouth, to 9 p.m....	68	56	o, p, c, b	5.5	0.61	Harrogate, to 6 p.m. ...	61	52	o, r, o	0.1	0.06
Bournemouth, to 6 p.m. ....	62	58	?	0.0	?	Manchester, to 9 p.m. ....	65	56	r, c, g, u, o, t	0.0	0.02
Worthing ... ..	*	*	*	0.2	*	Darwen, to 9 p.m. ....	64	52	o, m, b	0.4	—
Brighton, to 6 p.m. ....	70	*	*	0.5	*	Birmingham, to 9 p.m. ....	62	54	o, d, o	0.0	0.02
Eastbourne, to 6 p.m. ....	68	*	*	2.0	*						

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

STATIONS. 27 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 27 <sup>th</sup> July.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	70	55	b, o	—	Rome ... ..	91	73	b, c	—
St. Petersburg ... ..	64	57	c, r	0.16	Naples ... ..	87	73	b, b	—
Moscow ... ..	*	*	r, o	0.28	Malta ... ..	97	74	?, b	—
Cracow ... ..	90	64	o, o	0.95	26 <sup>th</sup> July.	1 p.m.		1 p.m.	Measured
Flushing ... ..	70	61	c, o	—	Geneva ... ..	75	*	b	7 a.m.
Aix-la-Chapelle ... ..	*	*	c, r	0.51	Berne ... ..	73	*	c	0.35
Vienna ... ..	82	61	o, b, c	0.04	Lucerne ... ..	73	*	c	1.22
Buda Pesth ... ..	88	66	o, b	—	Castasegna ... ..	75	*	b, c	0.55
Iermanstadt ... ..	84	61	b, b	0.24	Lugano ... ..	81	*	b	—
Florence ... ..	89	69	b, o	0.04					2.95

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

28 <sup>th</sup> July 1904	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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† The evening observations in Belgium are not given on page 1.

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



# DAILY WEATHER REPORT

for 8 a.m. on Friday, 29<sup>th</sup> JULY, 1904.

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

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine Hours.	Rainfall. Ins.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.			Min.				
																		Ins.			°
SCANDINAVIA	Haparanda...	29.93	55	NW	2	0	30.04	+12	57	50	+3	NE	2	6	*	64	?	-	*	-	
	Hernösand...	29.86	59	Z	0	6	?	?	58	53	-2	NE	4	6	*	68	45	-	*	-	
	Stockholm...	29.91	61	S	2	6	29.89	-03	67	59	+5	N	2	6	*	75	54	-	*	-	
	Wisby...	29.97	58	Z	0	6	29.91	-05	64	59	+2	W	4	6	*	64	52	-	*	-	
	Karlstad...	29.94	70	SW	2	6	29.96	-02	67	58	+4	N	2	6	*	70	63	-	*	-	
	Færder (X'ania Fjord)	29.93	70	WSW	2	6	29.98	+03	66	62	0	N	1	m	2	70	63	-	*	-	
	Bodö...	30.12	51	Z	0	6	30.17	+12	50	47	+1	SE	2	6	2	54	46	-	*	-	
	Christiansund...	30.08	53	NE	4	6	30.13	+10	53	51	+3	SSW	1	6	1	57	48	-	*	-	
Skudesnaes...	30.09	55	N	4	0	30.11	+14	54	51	-2	Z	0	0	1	63	52	6.0	*	*		
BRITISH ISLANDS.	Sumburgh Head	30.07	52	NE	1	0	30.03	-01	51	50	+1	ESE	3	0	3	53	48	0	*	-	
	Stornoway...	29.97	65	S	1	6	29.90	-06	58	56	0	SSE	1	0	1	69	53	6	13.4	-	
	Malin Head...	29.86	66	SE	5	6cm	29.83	-10	60	60	-1	SSW	4	cm	3	69	56	6cm	*	0.02	
	Blacksod Pt.	29.81	61	SE	4	7m	29.84	-04	58	56	-3	SSW	5	cm	4	66	48	0.7m	*	0.28	
	Valencia...	29.82	61	SW	2	0	29.86	+03	60	58	-1	SSE	3	cp	4	64	50	0.7	*	0.16	
	Roche's Point...	29.86	61	SSE	6	+	29.92	-03	59	57	-3	SSW	1	0	3	63	51	0.7m	*	0.18	
	Parsonstown...	29.88	62	SE	1	+	29.91	-01	57	55	-3	ESE	1	6	*	68	54	+	5.3	0.08	
	Donaghadee...	29.95	60	SSW	3	6	29.92	-06	57	57	0	SSE	4	0	4	62	55	6cm	*	0.03	
	Liverpool Obsy...	30.05	65	N	1	6	30.00	-01	61	58	+1	SE	3	0	2	66	57	6	*	0.01	
	Holyhead...	30.05	64	SW	2	6	29.94	-05	61	61	+3	S	4	+	3	67	57	6	*	-	
	Pembroke (St Ann's)	30.00	61	SSE	5	6	29.96	-04	60	60	-1	SSW	4	6	4	63	50	6.7m	11.6	0.17	
	Scilly (St. Mary's)	29.96	64	S	5	m	29.97	+01	62	60	-2	SW	1	6	3	67	58	6.7m	4.0	0.10	
	Jersey (St. Aubins)	30.11	67	ESE	2	6	30.13	+02	61	60	0	SSE	3	+	3	69	61	6.9m	11.1	0.13	
	Portland Bill...	30.11	62	S	2	6	30.07	+01	60	60	0	S	4	+	4	66	58	6.6	*	0.15	
	Dungeness...	30.05	64	WNW	4	6	30.13	+12	64	61	+2	SW	2	6	1	67	57	6.6	7.3	-	
	Wick...	30.01	52	E	3	f	29.97	-04	56	55	+4	SSE	2	6	1	56	51	-	*	0.03	
Nairn...	30.00	57	E	1	m	29.96	-05	65	58	+15	Z	0	6	1	65	48	-	*	-		
Aberdeen...	30.07	54	SSE	3	0	30.04	-00	56	55	+3	SSE	3	0	2	56	52	0.0m	0.0	-		
Leith...	29.94	58	ENE	1	6	29.99	-03	59	57	+4	ENE	1	6	*	59	52	-	*	-		
North Shields...	30.04	58	ENE	2	6	30.04	+05	58	57	+1	E	3	cm	2	60	54	0.6	*	-		
Spurn Head...	30.07	59	E	3	6	30.11	+11	60	60	0	S	2	f	2	63	57	-	*	-		
Yarmouth...	30.06	62	ESE	2	6	30.14	+18	64	62	+3	SSE	3	6cm	3	65	60	6.6	*	0.01		
Clacton-on-Sea...	30.06	66	SE	2	6	30.14	+15	67	63	+6	SSW	2	6	1	68	56	6.6	2.3	0.54		
Nottingham...	30.03	68	SE	1	6	30.07	+08	63	59	+2	S	1	0	*	69	53	0.9	2.2	-		
Bath...	30.07	62	SW	3	0	30.06	+02	61	60	+1	SE	1	+	*	71	56	-	4.7	0.15		
Oxford...	30.09	64	W	1	6	30.11	+08	59	57	0	S	2	+	*	71	56	0.6	*	0.05		
London (Brixton)...	30.06	71	WSW	2	6	30.12	+11	66	59	+5	S	2	0	*	75	54	6.6	7.8	-		
GERMANY, &c.	The Scaw (Skagen)	30.02	64	WNW	3	6	30.04	+06	65	60	-2	WNW	4	6	1	75	57	-	*	-	
	Fanö...	30.11	60	SW	2	6	30.15	+19	65	59	+3	E	2	6	*	75	54	-	*	-	
	Cuxhaven...	30.00	70	NE	1	6	30.14	+22	62	59	+1	SE	1	6	*	72	61	-	*	-	
	The Helder...	30.04	64	N	2	0	30.14	+21	64	61	0	NNW	1	6	0	66	61	-	*	-	
	Brussels...	*	*	*	*	*	30.19	+20	61	58	+1	Z	0	6	*	69	52	-	*	0.43	
	Berlin...	29.96	67	W	1	6	30.12	+23	64	57	+1	SE	1	6	*	72	57	-	*	0.83	
	Frankfurt...	30.10	63	W	2	6	30.17	+17	64	61	+1	W	2	0	*	73	59	-	*	0.08	
	Munich...	30.15	60	W	4	0	30.21	+09	58	56	-1	W	5	0	*	68	55	-	*	0.12	
FRANCE.	C. Gris Nez...	30.10	62	WSW	4	6	30.12	+12	61	59	+1	SSW	3	6	2	66	57	-	*	-	
	Brest...	30.08	65	SW	4	0	30.05	-02	63	63	+2	SSW	4	f	4	68	61	-	*	0.16	
	Lorient...	30.16	69	SSW	3	6	30.12	+07	67	64	+5	S	3	0	2	72	62	-	*	0.12	
	Rochefort...	30.12	69	NW	3	6	30.12	00	66	63	+2	E	2	6	*	77	61	6	*	-	
	Biarritz...	30.17	73	N	3	6	30.16	-01	70	67	+3	ENE	1	6	0	81	63	-	*	-	
	Paris...	30.13	69	NNW	2	6	30.20	+08	62	58	+5	N	1	6	*	76	50	-	*	-	
	Belfort...	30.06	69	WSW	5	6	30.17	+10	57	53	-3	Z	0	m	*	74	52	-	*	-	
	Lyons...	30.09	74	NNE	1	6	30.16	+02	64	56	0	NNW	2	6	*	80	60	-	*	-	
Nice...	29.87	78	WSW	2	6	29.89	-02	77	65	+6	Z	0	6	0	86	68	-	*	-		
Perpignan...	30.02	78	Z	0	6	30.07	-02	74	64	+3	NW	2	6	*	91	68	-	*	-		
SPAN. PEN.	Corunna...																	*	-	-	
	Lisbon...	30.14	69	NW	4	6	30.11	-05	72	61	+4	NW	4	6	*	81	66	-	*	-	
	Azores (P. Delgada)...	30.10	64	W	4	6	30.13	+11	63	56	-1	W	2	6	1	72	59	-	*	-	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR FRIDAY, 29<sup>TH</sup> JULY, 1904.

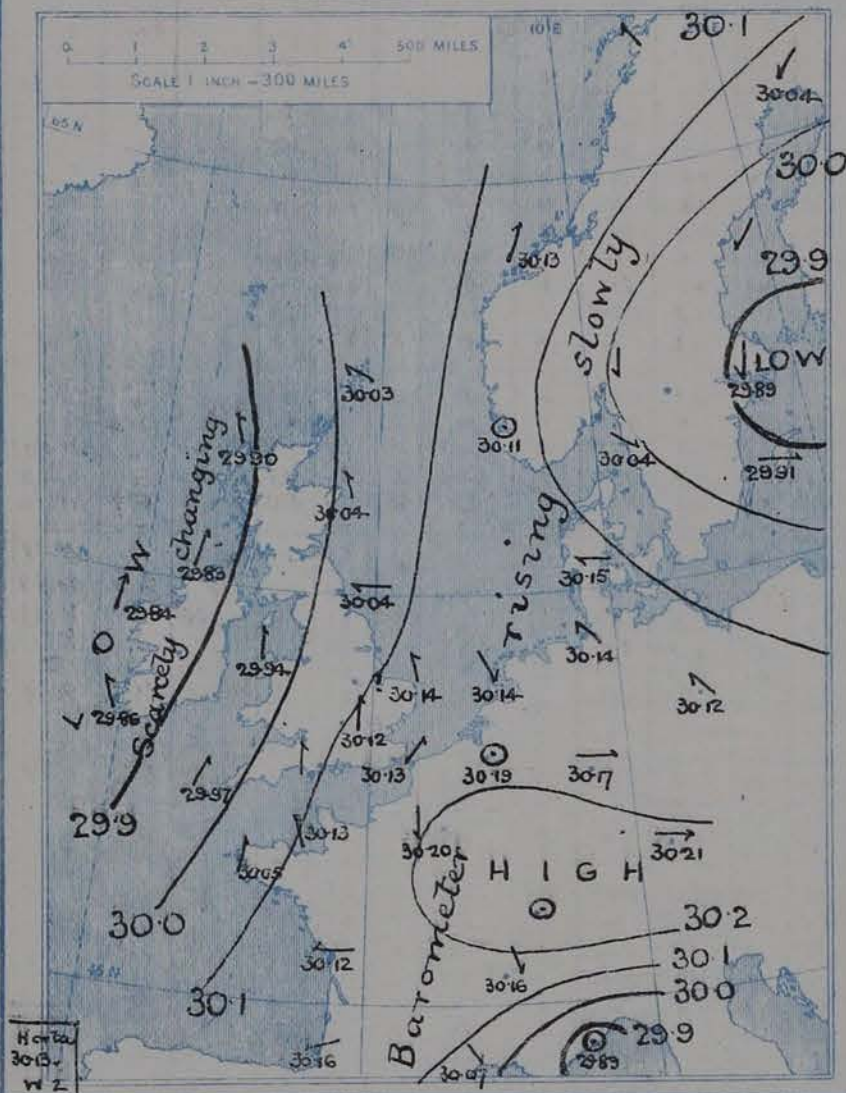
## I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

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

SEA.—Rough  $\text{---}$  High  $\text{---}$

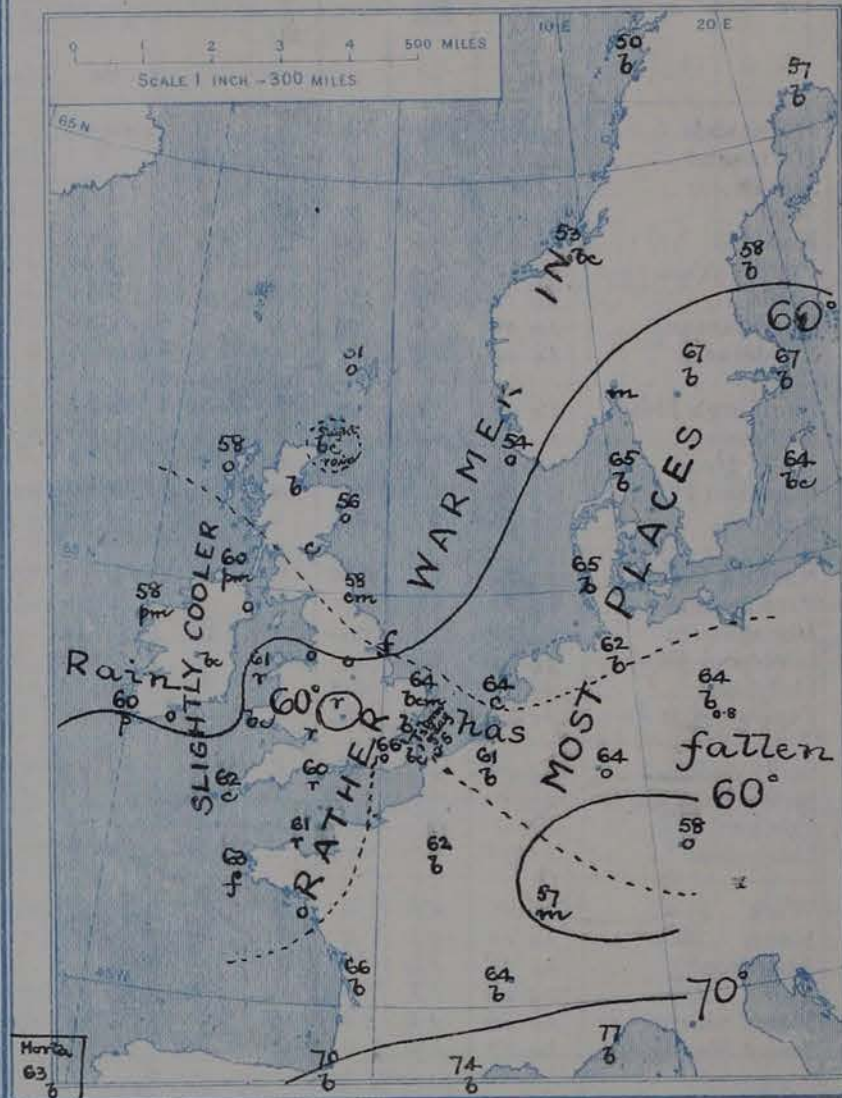


## II. TEMPERATURE AND WEATHER. *This Morning.*

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.*



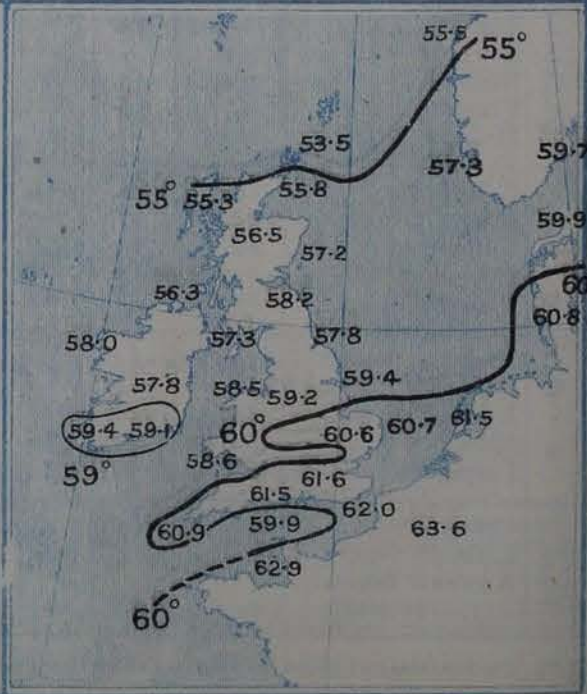
## IV. RAINFALL IN 1904.

Total Amount recorded in various districts of the United Kingdom in the 29 weeks ended Saturday, 23<sup>RD</sup> JULY, with the percentage of the average amount for the corresponding period.



## V. Means of DAILY TEMPERATURE

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





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

There has been a further increase of pressure over our eastern districts and from Northern France to Norway, the central space of the anticyclone being now situated between Paris and Bavaria, with the barometer slightly above 30.2 ins. The disturbance which appeared off our western coasts yesterday morning has made little or no progress, the mercury being below 29.9 ins. at some of the Irish stations. Shallow disturbances are shown on the Gulfs of Genoa and Finland.

### WIND

Winds from between South-West and South-East are reported at nearly all the home stations, blowing freshly in the north-west of Ireland, moderate to very light everywhere else. Over Continental countries the direction is much more variable, but the currents are very weak, only Munich having a fresh breeze, from the Westward. Temperature has risen over our eastern districts and at most of the foreign stations, fallen in Ireland and the south-west of England. The values range from 51° at Sumburgh Head and 56° at Aberdeen and Wick to 66° in London and 67° at Clacton-on-Sea; from 50° at Bordeaux and 53° at Christiansund to 74° at Perpignan and 77° at Nice. The weather is fine in the extreme south-east of England and north-east of Scotland, but over the kingdom generally the sky is cloudy to overcast, with rain falling in many places, a misty atmosphere round the north of Ireland and fog on the Humber. Except for fog off Brest the weather at nearly all the Continental stations is fine and clear. The sea is moderate in a few western and south-western situations, but as a rule it is slight to very smooth.

### TEMPERATURE

### WEATHER

### AND

### SEA

Temperature rose yesterday to 75° in London and to 72° at Bettws-y-Coed against 56° at Aberdeen and Wick and 53° at Sumburgh Head. There was no sunshine at Aberdeen, the duration at other stations ranging from 0.5 hr. at Manchester to 12.1 hours at Bournemouth and 13.4 hours at Stornoway. A thunderstorm, with over 0.5 in. of rain, was experienced at Clacton-on-Sea.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

With an unbroken high-pressure system extending from Portugal to Scandinavia Atlantic disturbances, while expanding eastward, will be kept in check or move slowly northward outside our western coasts, preserving a general Southerly type of conditions, humid, with occasional rain in most localities.

## FORECASTS\*

For the 24 hours ending at NOON on July 30<sup>th</sup>, 1904.

### DISTRICTS.

### FORECASTS.

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

S<sup>ly</sup> (SW. to SE.) breezes, mostly light or moderate in force; weather variable, from fair or fine to drizzle and showery. Temperature about the average.

### DISTRICTS.

### FORECASTS.

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

S<sup>ly</sup> (SW. to SE.) breezes, mostly light or moderate in force; weather variable, from fair or fine to drizzle and showery. Temperature about the average.

### 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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	67	58	c	10.5	—	Hastings ... ..	*	*	*	8.6	*
Southport, to 9 p.m....	67	58	c, b	7.5	—	Broadstairs, ... ..	*	*	*		*
Rhyl, to 6 p.m. ....	*	*	*	7.8	*	Margate, to 6 p.m. ...	70	59	c, b	4.4	0.16
Llandudno ... ..	*	*	*	8.1	*	Lowestoft, to 6 p.m....	65	53	p, o, c	6.0	0.05
Bettws-y-Coed, to 6 p.m....	72	54	c, b	3.8	*	Skegness ... ..	*	*	c, b	7.0	*
Aberystwyth, to 6 p.m. ...	67	56	o, c, b	7.1	—	Scarborough, ... ..	61	*	*	0.9	*
Plymouth, to 9 p.m....	68	49	b, c, ou	8.4	—	Harrogate, to 6 p.m. ...	68	54	o, r, c	2.4	0.16
Bournemouth, ... ..	69	54	?	12.1	0.19	Manchester, to 9 p.m. ...	71	56	o, r, b, c	0.5	0.25
Worthing ... ..	*	*	*	8.8	*	Darwen, to 9 p.m. ...	71	54	o, r, b, c, m	3.1	0.33
Brighton, to 6 p.m. ...	69	*	*	8.7	*	Birmingham, to 9 p.m. ...	70	55	r, o, c, b	4.4	0.07
Eastbourne, to 6 p.m. ...	66	*	*	8.0	*						

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

STATIONS. 28 <sup>th</sup> July 1904	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 28 <sup>th</sup> July.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	70	57	c, o	—	Rome ... ..	91	69	b, b	—
St. Petersburg ... ..	63	55	r, r	0.16	Naples ... ..	86	72	b, b	—
Moscow ... ..	*	*	b, b	—	Malta ... ..	91	75	?, c	—
Cracow ... ..	81	59	r, o	0.08	27 <sup>th</sup> July.				
Flushing ... ..	72	61	c, o	0.04	Geneva ... ..	75	*	c	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	o, o	0.55	Berne ... ..	73	*	c	—
Vienna ... ..	77	61	r, c	0.04	Lucerne ... ..	72	*	b, c	—
Buda Pesth ... ..	86	64	c, o	0.04	Castasegna ... ..	75	*	b	0.16
Hermanstadt Not recd. ...					Lugano ... ..	82	*	b	—
Florence ... ..	87	71	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.

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

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

29 <sup>th</sup> July 1904	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	4.7	11.59	7.50
Greenwich ... ..	4.20	12.6	7.52
Wick ... ..	3.57	12.18	8.39
Valencia ... ..	4.58	12.47	8.37

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



# DAILY WEATHER REPORT

for 8 a.m. on *Saturday, 30<sup>th</sup> JULY, 1904.*

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.)	Temp.		Weather	Sun- shine Hours	Rainfall Ins.		
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.		Min.						
																		Ins.				°	°
SCANDINAVIA	Haparanda...	30.09	54	Z	0	b	30.15	+11	59	54	+2	S	4	bc	*	66	48	-	*	-			
	Hernösand...	30.08	57	Z	0	b	30.15	+09	59	54	+1	E	2	b	*	68	54	-	*	-			
	Stockholm...	30.09	63	NE	2	b	30.17	+28	68	57	+1	NNE	2	b	*	75	57	-	*	-			
	Wisby...	30.04	60	SE	4	b	30.14	+23	64	59	0	NE	4	b	*	68	52	-	*	-			
	Karlstad...	30.01	74	Z	0	b	30.16	+20	62	57	-5	SW	2	c	*	*	*	-	*	-			
	Færder (X'ania Fjord)	30.01	63	SW	4	b	30.09	+11	60	57	-6	SSW	4	o	3	68	59	-	*	-			
	Bodö...	30.10	54	N	2	b	30.06	-11	54	50	+4	Z	0	b	1	54	46	-	*	-			
	Christiansund...	30.09	51	NW	1	f	30.10	-03	50	49	-3	E	1	f	1	55	48	-	*	-			
Skudesnaes...	30.12	55	Z	0	o	30.10	-01	57	53	+3	SSE	4	o	2	57	52	0	*	*				
BRITISH ISLANDS.	Sumburgh Head	29.96	54	ESE	3	o	29.85	-18	55	54	+4	S	2	m	3	56	50	0	*	-			
	Stornoway...	29.84	62	WSW	3	o	29.82	-08	58	57	0	SSW	3	o	3	63	47	0	0.1	-			
	Malin Head...	29.84	59	ESE	2	b	29.83	00	60	58	0	S	5	b	3	64	53	b	*	0.26			
	Blacksod Pt. ...	29.79	62	S	6	cm	29.78	-06	60	57	+2	S	6	cgpm	6	66	54	c,cm	*	0.03			
	Valencia...	29.82	62	SSE	5	cp	29.80	-06	60	58	0	SSE	4	op	5	67	57	c,op	8.0	0.33			
	Roche's Point...	29.92	63	S	3	c	29.89	-03	62	60	+3	SSW	4	c	4	65	58	c	*	0.02			
	Parsonstown...	29.87	66	NE	1	b	29.89	-02	62	59	+5	SE	1	b	*	69	55	b	6.8	-			
	Donaghadee...	29.90	65	SW	2	b	29.94	+02	58	57	+1	SSW	2	c	?	76	?	bc,cm	*	0.02			
	Liverpool Obsy...	29.98	67	NW	1	o	29.97	-03	62	60	+1	?	1	o	1	73	40	p, o	*	0.02			
	Holyhead...	29.96	59	SW	3	cm	29.96	+02	60	59	-1	S	2	c	1	66	54	cp,cm	*	0.08			
	Pembroke (St Ann's)	29.97	60	S	4	c	29.96	-00	60	59	0	S	4	bc	3	64	58	bc,cf,2	7.1	0.09			
	Scilly (St. Mary's)...	29.96	62	SSW	2	cpm	29.96	-01	62	59	0	S	1	bcw	3	65	58	m,cpm	5.1	0.03			
	Jersey (St. Aubins)...	30.08	69	SE	2	o	30.04	-09	65	62	+4	ESE	2	c	2	72	60	op,cm	0.7	0.04			
	Portland Bill...	30.07	62	SSE	2	r	30.03	-04	60	59	0	WSW	1	c	2	63	58	p	*	0.50			
	Dungeness...	30.09	65	SSW	2	bc	30.05	-08	65	62	+1	SSE	4	cg	3	68	63	bc	7.7	-			
	Wick...	29.97	54	SE	2	m	29.87	-10	61	59	+5	Z	0	b	1	62	54	-	*	-			
Nairn...	29.84	64	Z	0	o	29.88	-08	65	58	0	Z	0	b	1	76	50	o,2	*	0.01				
Aberdeen...	29.93	59	SSE	2	o	29.93	-11	64	58	+8	SSW	3	b	2	64	53	om,bc	0.0	-				
Leith...	29.90	68	SSW	1	c	29.96	-03	63	58	+4	NE	1	bc	*	75	49	-	*	-				
North Shields...	29.95	65	SSW	4	c	29.98	-06	59	57	+1	E	2	c	2	67	56	bc,p	*	-				
Spurn Head...	30.03	66	S	4	bc	30.03	-08	62	62	+2	S	1	r	1	64	59	-	*	0.27				
Yarmouth...	30.08	68	S	4	bc	30.04	-10	65	63	+1	SSE	3	c	3	71	63	bc	*	0.04				
Clacton-on-Sea...	30.10	68	SSE	2	c	30.06	-08	68	64	+1	SSE	3	o	2	71	65	bc,op	7.0	0.02				
Nottingham...	30.02	68	SSW	2	c	30.01	-06	63	62	0	SSW	1	r	*	69	62	o,c	0.1	0.46				
Bath...	30.04	67	SW	3	o	30.02	-04	62	60	+1	SW	1	r	*	67	61	-	0.0	0.51				
Oxford...	30.06	63	S	2	o	30.02	-09	62	61	+3	SE	1	o	*	66	58	ot	*	0.30				
London (Brixton)...	30.08	67	SW	2	od	30.03	-09	65	63	-1	WSW	2	o	*	74	63	bc,p,r,c	1.3	0.15				
GERMANY, &c.	The Scaw (Skagen)	30.09	59	W	4	c	30.14	+10	61	57	-4	WSW	4	o	1	75	57	-	*	-			
	Fanö...	30.17	59	Z	0	b	30.19	+04	64	60	-1	SE	2	bc	*	73	54	-	*	-			
	Cuxhaven...	30.16	70	NW	2	b	30.19	+05	65	64	+3	W	1	b	*	72	57	-	*	-			
	The Helder...	30.11	68	Z	0	b	30.09	-05	72	65	+8	SSW	1	b	0	72	63	-	*	-			
	Brussels...	*	*	*	*	*	30.13	-06	68	62	+7	SE	2	b	*	77	61	-	*	-			
	Berlin...	30.11	74	Z	0	b	30.19	+07	71	62	+7	NW	1	b	*	81	63	-	*	-			
	Frankfurt...	30.17	65	N	1	b	30.17	00	66	63	+2	NE	3	b	*	75	57	-	*	-			
	Munich...	30.23	65	SW	4	o	30.24	+03	63	59	+5	SE	1	b	*	70	54	-	*	-			
FRANCE.	C. Gris Nez...	30.11	69	SW	1	b	30.07	-05	70	61	+9	SE	3	c	2	79	61	-	*	-			
	Brest...	30.04	64	S	4	r	30.02	-03	57	57	-6	SSW	1	?	2	66	55	-	*	1.46			
	Lorient...	30.10	71	S	3	b	30.04	-08	63	63	-4	S	1	m	2	75	63	-	*	-			
	Rochefort...	30.05	72	NNW	3	b	29.99	-13	68	64	+2	E	3	b	*	84	63	b	*	-			
	Biarritz...	30.09	76	NNE	3	b	30.05	-11	71	68	+1	SSW	3	b	2	82	66	-	*	-			
	Paris...	30.13	74	ESE	2	b	30.11	-09	68	62	+6	ESE	1	b	*	78	58	-	*	-			
	Belfort...	30.06	71	ENE	4	m	30.12	-05	59	56	+2	ENE	4	m	*	76	54	-	*	-			
	Lyons...	30.08	76	N	2	b	30.13	-03	66	59	+2	NE	1	b	*	81	59	-	*	-			
	Nice...	30.00	78	Z	0	b	30.06	+17	79	68	+2	Z	0	b	2	86	68	-	*	-			
	Perpignan...	29.98	85	SE	1	b	30.06	-01	72	65	-2	SW	1	b	*	96	61	-	*	-			
SPAN. PEN.	Corunna...																		*	-			
	Lisbon...	30.08	69	NW	5	b	30.10	-01	75	67	+3	NW	3	bc	*	84	68	-	*	-			
	Azores (P. Delgada)...																		*	-			
" (Horta)...	30.21	62	Z	0	bc	30.20	+07	63	58	0	W	2	b	1	73	59	-	*	-				

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS



FOR SATURDAY, 30<sup>TH</sup> JULY, 1904.

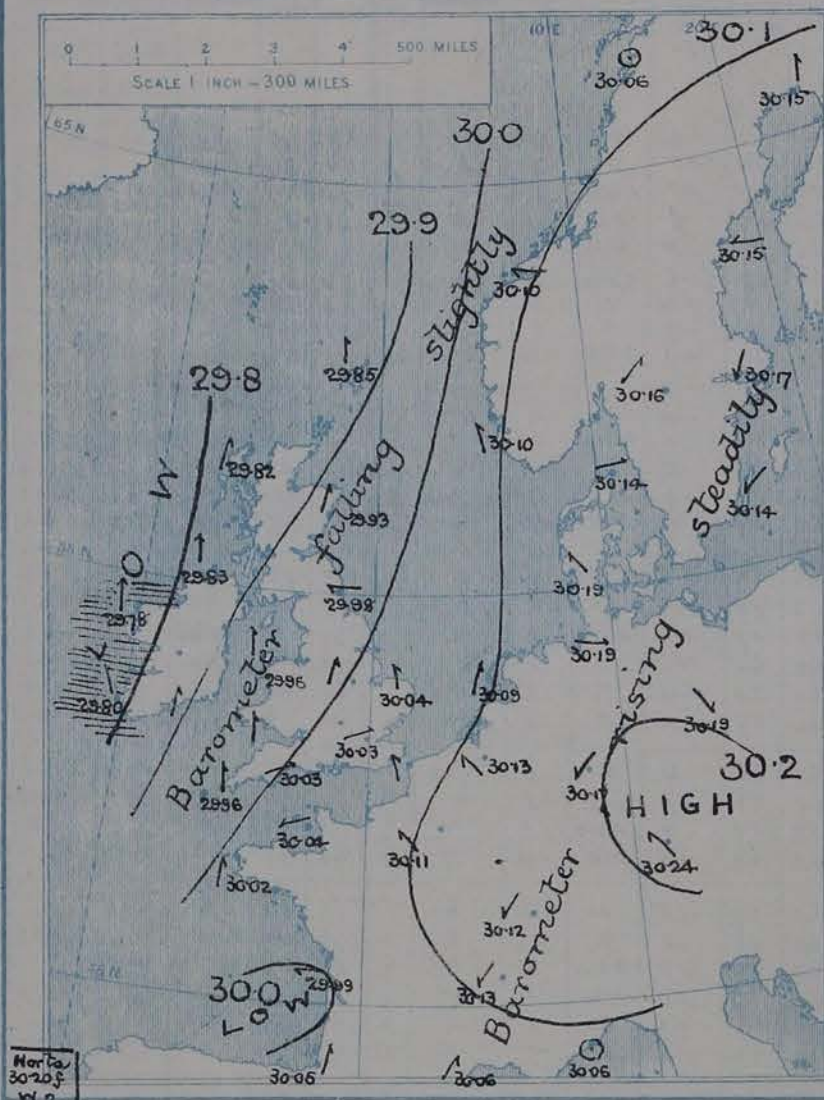
## I. BAROMETER, WIND AND SEA. This Morning.

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 

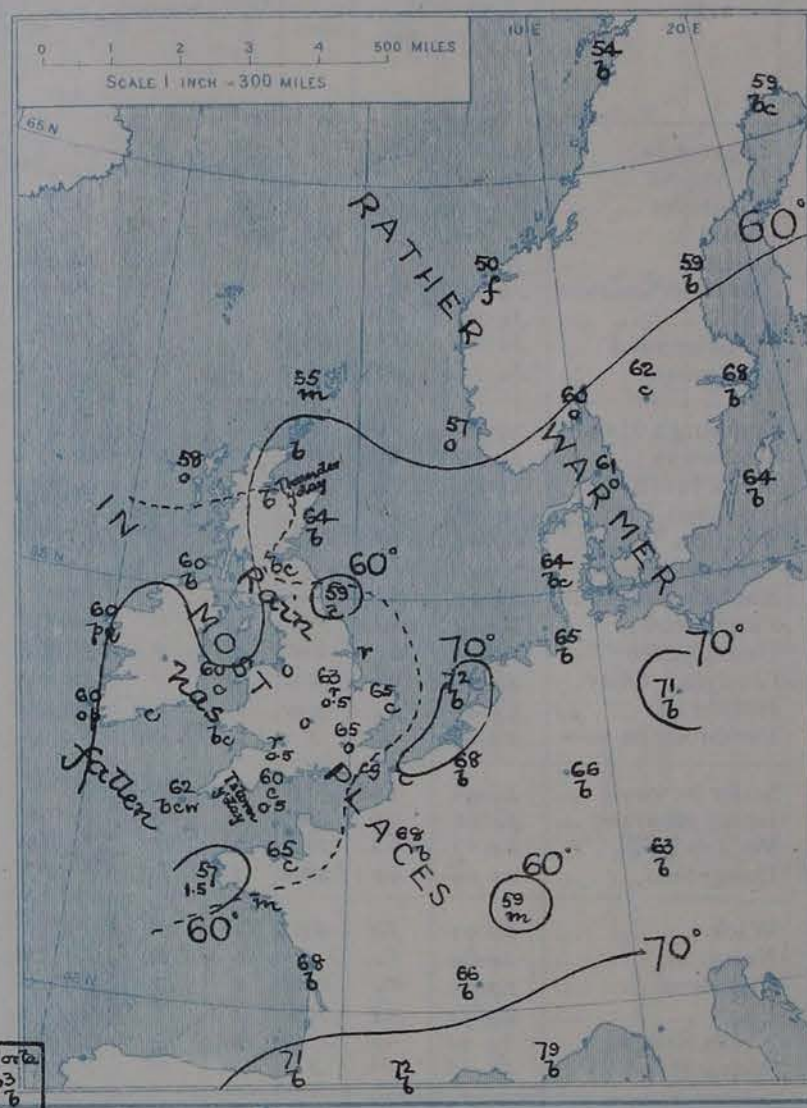


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

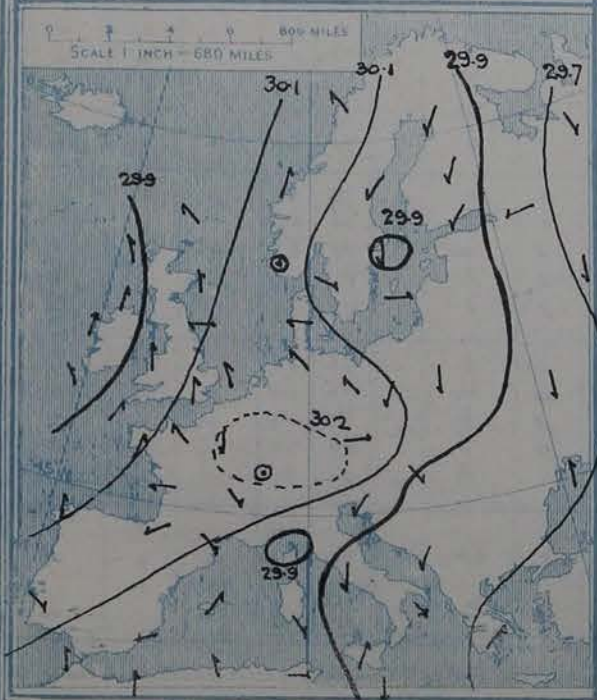
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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.

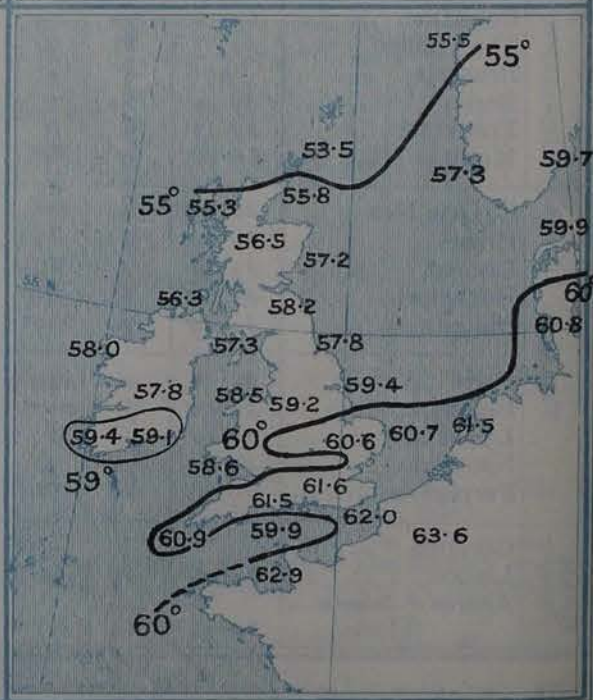


## IV. BRIGHT SUNSHINE IN 1904.

Total Duration recorded in various districts of the United Kingdom in the 29 weeks ended Saturday, 23<sup>RD</sup> JULY, with the percentage of the average duration for the corresponding period.



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





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The region of highest atmospheric pressure now covers Germany and extends thence northward across Sweden, the barometer being highest, 30.24 ins., at Munich. Over our islands, France and Norway the mercury has given way, but as a rule the decline has been very slight. The centre of the disturbance still lies out on the Atlantic, at some distance from our coasts, the barometer reading 29.78 ins. at Blackhead Point. There are some indications of the formation of a small depression on the south-west coast of France.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Southerly winds prevail over our islands, gentle to very light over Great Britain but more brisk at some of the Irish stations, blowing fresh at Malin Head and strongly (after a moderate gale) at Blackhead Point. At the Continental stations the direction is very variable and the force mostly light. Temperature has risen nearly everywhere, the present values ranging from 55° at Sumburgh Head and 58° at Donaghadee and Stornoway to 65° at some southern stations and at Nairn, and 68° at Clacton-on-Sea; from 50° at Christiansund and 54° at Bodø to 72° at the Helder and Perpignan and 79° at Nice. The weather is in a very variable state over our islands, cloudless in some localities, dull and overcast in others, with rain in several places, heavy at Spurn Head. In the South of Norway it is dull, and off Christiansund the atmosphere is foggy, but generally it remains fine and clear over the Continental countries. The sea is rough off Blackhead Point and rather rough off Valencia, slight to very smooth on other coasts.

Temperature rose yesterday to 76° at Brighton and Nairn and to 75° at Margate and Leith, but in most places the maxima were below 70°. Aberdeen, Bath and Bournemouth had no bright sunshine, the records at many stations being very small, 8 hours at Valencia being the highest. Thunder was heard at Nairn and Plymouth, at the latter place accompanied by very heavy rain, 1.4 ins.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure remains favourable to a continuation of the existing conditions, the disturbance on the Atlantic maintaining a southerly current, with variable weather, a close humid atmosphere, and occasional rain.

### NOTICE

The Daily Weather Report for to-morrow, July 31st, and for Monday, August 1st, will be issued on Tuesday next.

## FORECASTS\*

For the 24 hours ending at NOON on July 31<sup>st</sup>, 1904.

### DISTRICTS.

### FORECASTS.

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

*Calm and light to moderate S.W. (S.W. to S.E.) breezes; changeable, close and humid, some rain.*

### DISTRICTS.

### FORECASTS.

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

*Calm and light to moderate S.W. (S.W. to S.E.) breezes; changeable, close and humid, some rain.*

*SE. to SW. breezes, moderate to strong; changeable, some rain.*

### WARNINGS

NONE ISSUED.

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

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



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	69	55	o, p, c	3.4	0.01	Hastings to 6 p.m. ...	*	*	*	6.8	*
Southport, to 9 p.m....	70	55	o, t, c	2.1	0.01	Broadstairs, ...	*	*	*		*
Rhyl, to 6 p.m. ...	*	*	*	5.0	*	Margate, to 6 p.m. ...	75	55	b, o	6.1	—
Llandudno, to 6 p.m. ...	*	*	*	4.4	*	Lowestoft, to 6 p.m....	71	57	c, b, c	6.0	—
Bettws-y-Coed, to 6 p.m....	68	53	c, b, c	1.2	*	Skegness ...	74	*	c, b, c	4.2	*
Aberystwyth, to 6 p.m. ...	67	62	t, c, b	8.3	0.19	Scarborough, to 6 p.m. ...	69	*	*	2.6	*
Plymouth, to 9 p.m....	64	59	b, c, o, t	1.6	1.36	Harrogate, to 6 p.m. ...	67	56	c, o, c	1.8	0.01
Bournemouth, to 6 p.m. ...	63	60	?	0.0	0.45	Manchester, to 9 p.m. ...	65	64	b, c, t, c	1.2	0.02
Worthing ...	*	*	*	1.2	*	Darwen, to 9 p.m. ...	67	54	o, b, t, omq	2.3	0.03
Brighton, ...	76	*	*	2.8	*	Birmingham, to 9 p.m. ...	68	55	o, p, t	0.1	0.04
Eastbourne, to 6 p.m. ...	68	*	*	3.5	*						

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

STATIONS. 29 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 29 <sup>th</sup> July.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ...	72	61	b, b	—	Rome ...	90	69	b, b	—
St. Petersburg ...	?	?	o, b	—	Naples ...	86	71	b, b	—
Moscow ...	*	*	b, o	—	Malta ...	87	74	?, b, c	—
Cracow ...	68	55	o, c	0.04	28 <sup>th</sup> July.				
Flushing ...	77	59	b, c, b	—	Geneva ...	75	*	b	Measured 7 a.m.
Aix-la-Chapelle ...	*	*	o, c	0.12	Berne ...	72	*	c	0.04
Vienna ...	72	59	o, o	0.32	Lucerne ...	72	*	c	0.08
Buda Pesth ...	79	63	b, c, c	—	Castasegna ...	79	*	b	—
Hermanstadt Not recd. ...					Lugano ...	84	*	b	—
Florence ...	89	67	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.

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

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

30 <sup>th</sup> July, 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	4.8	11.59	7.49
Greenwich ...	4.21	12.6	7.57
Wick ...	3.59	12.18	8.37
Valencia ...	4.59	12.47	8.36

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

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

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

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



# DAILY WEATHER REPORT

for 8 a.m. on Sunday, 31<sup>st</sup> JULY, 1904.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. M. 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.)	Temp.		Weather	Sun- shine Hours.	Rainfall. Ins.		
At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Max.	Min.									
Ins.	°			Ins.	Ins.	°	°	°			°	°									
SCANDINAVIA	Haparanda...	30.08	55	S	2	b	30.02	-13	57	55	-2	S	2	b	*	64	45	-	*	-	
	Hernösand...	30.10	57	Z	0	b	30.12	-03	68	54	+9	S	2	b	*	77	48	-	*	-	
	Stockholm...	30.18	50	S	2	b	30.22	+05	68	58	0	S	2	b	*	73	50	-	*	-	
	Wisby...	30.19	60	NNE	2	b	30.22	+08	68	57	+4	SSE	2	b	*	68	52	-	*	-	
	Karlstad...	30.13	67	SSW	2	b	30.20	+04	64	60	+2	S	2	b	*	?	52	-	*	-	
	Færder (X'ania Fjord)	30.13	62	S	3	m	30.15	+06	64	62	+4	S	2	c	1	?	52	-	*	-	
	Bodö...	30.08	51	W	2	0	29.90	-16	51	49	-3	SW	2	c	2	54	48	-	*	-	
	Christiansund...	30.09	54	Z	0	0	29.98	-12	59	56	+9	Z	0	0	1	59	50	-	*	-	
Skudesnaes...	30.09	60	S	2	0	30.06	-04	61	59	+4	Z	0	0	2	61	55	+0	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.94	56	ENE	1	c	29.83	-02	55	55	0	SE	2	f	2	62	53	c	*	-	
	Stornoway...	29.83	61	WSW	2	c	29.77	-05	59	56	+1	SSW	2	0	2	66	53	c	7.1	-	
	Malin Head...	29.78	66	SW	4	cp	29.76	-07	56	55	-4	SSW	5	c	2	70	52	br, cp	*	0.28	
	Blackod Pt. ...	29.74	61	SSW	6	ogmp	29.70	-08	58	55	-2	SSW	6	ogmp	6	65	53	ogmp	*	0.26	
	Valencia...	29.79	60	SSW	3	c	29.79	-01	57	55	-3	S	4	cp	5	65	53	cp, c	7.5	0.23	
	Roche's Point...	29.87	63	SW	4	cp	29.88	-01	60	57	-2	SW	4	b	4	65	57	cp	*	0.18	
	Parsonstown...	29.83	62	SE	1	c	29.84	-05	61	56	-1	NE	1	b	*	69	54	p, c	9.3	0.10	
	Donaghadee...	29.87	62	S	2	bc	29.85	-09	60	58	-2	S	2	bc	3	64	53	bc, m	*	0.01	
	Liverpool Obsy...	29.93	63	NNE	1	c	29.95	-02	62	58	0	SSW	1	bc	1	68	54	-	*	-	
	Holyhead...	29.91	61	SW	3	bc	29.93	-03	62	60	-2	SSW	3	c	2	68	56	bc, m	*	-	
	Pembroke (St Ann's)	29.94	60	SSW	5	bc	29.95	-01	61	58	+1	SW	5	bc, p	5	64	58	bc, cp	9.2	0.06	
	Scilly (St. Mary's)...	29.94	66	SSW	3	c	29.99	+03	63	60	+1	SW	4	bc	4	70	59	bc	11.4	-	
	Jersey (St. Aubins)...	30.01	64	NW	2	bc	30.11	+07	63	61	-2	SW	3	bc	3	73	58	bc, m	2.7	0.18	
	Portland Bill...	30.02	62	WSW	1	bc	30.07	+04	60	59	0	SW	3	c	2	63	57	p, bc	*	0.11	
	Dungeness...	29.97	68	SSW	2	+	29.98	-07	67	64	+2	NW	4	c	1	77	62	br	6.1	0.06	
	Wick...	29.86	58	SSE	2	c	29.79	-08	60	58	-1	S	3	c	1	68	56	-	*	-	
	Nairn...	29.82	66	Z	0	c	29.81	-07	64	57	-1	W	1	b	1	74	49	-	*	-	
	Aberdeen...	29.91	59	SSE	3	c	29.87	-06	62	57	-2	S	3	b	2	70	52	bc, c, l	8.1	-	
	Leith...	29.89	64	Z	0	bc	29.87	-09	65	59	+2	SSW	1	c	*	68	54	-	*	-	
	North Shields...	29.90	65	SE	2	0	29.92	-06	61	57	+2	SW	2	bc	2	68	51	co, br	*	0.14	
	Spurn Head...	29.96	65	SSW	3	c	30.00	-03	62	60	0	W	2	bc	1	67	58	cp	*	0.83	
	Yarmouth...	30.00	68	SSE	2	bc	29.98	-06	66	64	+1	Z	0	bc	2	70	64	bc, br	*	0.25	
	Clacton-on-Sea...	30.01	69	ESE	2	c	29.99	-07	66	64	-2	WNW	2	c	3	72	63	bc, c, br	6.5	0.17	
	Nottingham...	29.96	67	SW	1	0	29.99	-02	57	56	-6	W	1	cw	*	70	52	-	0.7	0.24	
Bath...	29.98	67	W	2	c	30.04	+02	64	60	+2	SW	3	b	*	68	50	-	0.0	0.03		
Oxford...	29.99	64	SSW	2	bc	30.04	+02	60	58	-2	SW	2	c	*	70	56	op, bc	*	0.10		
London (Brixton)...	30.01	65	SW	2	or	30.03	-00	64	61	-1	SW	2	bc	*	83	60	c, op	4.7	0.16		
GERMANY, &c.	The Scaw (Skagen)	30.17	64	SE	1	b	30.16	+02	65	63	+4	SSE	3	bc	0	75	57	-	*	-	
	Fanö...	30.15	60	E	2	b	30.10	-09	68	62	+4	SE	2	b	*	84	57	-	*	-	
	Cuxhaven...	30.13	72	N	2	b	30.10	-09	67	62	+2	SSE	1	bc	*	73	63	-	*	-	
	The Helder...	30.02	72	E	1	bc	30.00	-09	68	65	-4	W	2	0	1	77	68	-	*	-	
	Brussels...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Berlin...	30.12	77	NNW	2	b	30.17	-02	68	61	-3	SE	1	b	*	84	63	-	*	-	
	Frankfurt...	30.09	68	Z	0	b	30.11	-06	68	64	+2	E	4	b	*	84	55	-	*	-	
	Munich...	30.19	66	SE	2	b	30.22	-02	65	61	+2	SW	2	b	*	75	54	-	*	-	
FRANCE.	C. Gris Nez...	29.97	73	ENE	2	bc	29.98	-09	66	64	-4	WSW	1	bc	1	82	63	-	*	0.12	
	Brest...	30.04	63	SW	2	0	30.09	+07	61	59	+4	SW	3	b	3	64	57	-	*	0.32	
	Lorient...	30.03	65	NW	3	0	30.13	+09	64	60	+1	WNW	1	c	2	72	59	-	*	-	
	Rochefort...	29.97	72	NW	3	bc	30.13	+14	66	62	-2	N	3	b	*	81	64	bc, bc	*	-	
	Biarritz...	30.12	72	W	4	b	30.23	+18	67	66	-4	Z	0	m	2	75	66	br, br	*	-	
	Paris...	30.01	79	ESE	1	b	30.07	-04	68	66	0	NNW	3	b	*	85	62	-	*	0.20	
	Belfort...	29.99	78	ENE	2	m	30.13	+01	63	57	+4	WSW	3	m	*	83	57	-	*	-	
	Lyons...	29.99	87	ESE	1	b	30.14	+01	72	63	+6	N	1	bc	*	93	64	-	*	0.79	
Nice...	30.06	78	SE	1	b	30.14	+08	74	66	-5	Z	0	b	0	88	68	-	*	-		
Perpignan...	29.99	78	N	1	0	30.14	+08	75	68	+3	W	2	b	*	84	66	-	*	-		
SPAN. PEN.	Corunna...	30.15	68	WNW	3	b	30.20	+11	61	58	0	SW	1	b	3	70	55	-	*	-	
	Lisbon...	30.15	66	NNW	5	b	30.14	+04	68	60	-7	NNW	4	b	*	79	63	-	*	-	
	Azores (P. Delgada)...	30.23	68	SW	5	bc	30.17	-04	69	67	+3	SW	5	bc	5	72	66	-	*	-	
	" (Horta)...	30.17	68	SSW	4	0	30.14	-06	67	65	+4	SW	4	bc	2	72	66	-	*	-	

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

\* Observations for this column not generally received.

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



# WEATHER CHARTS

FOR

Sunday, 31<sup>st</sup> July,

1904.

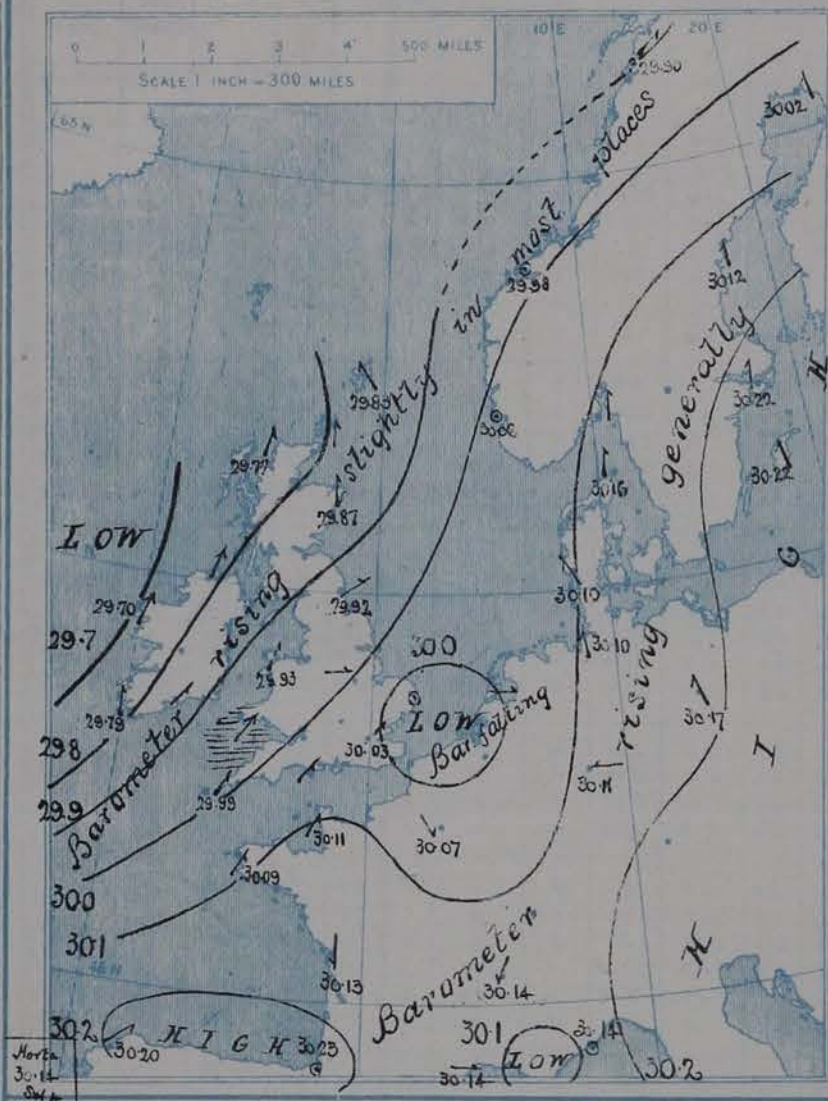
## I. BAROMETER, WIND AND SEA. This Morning.

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

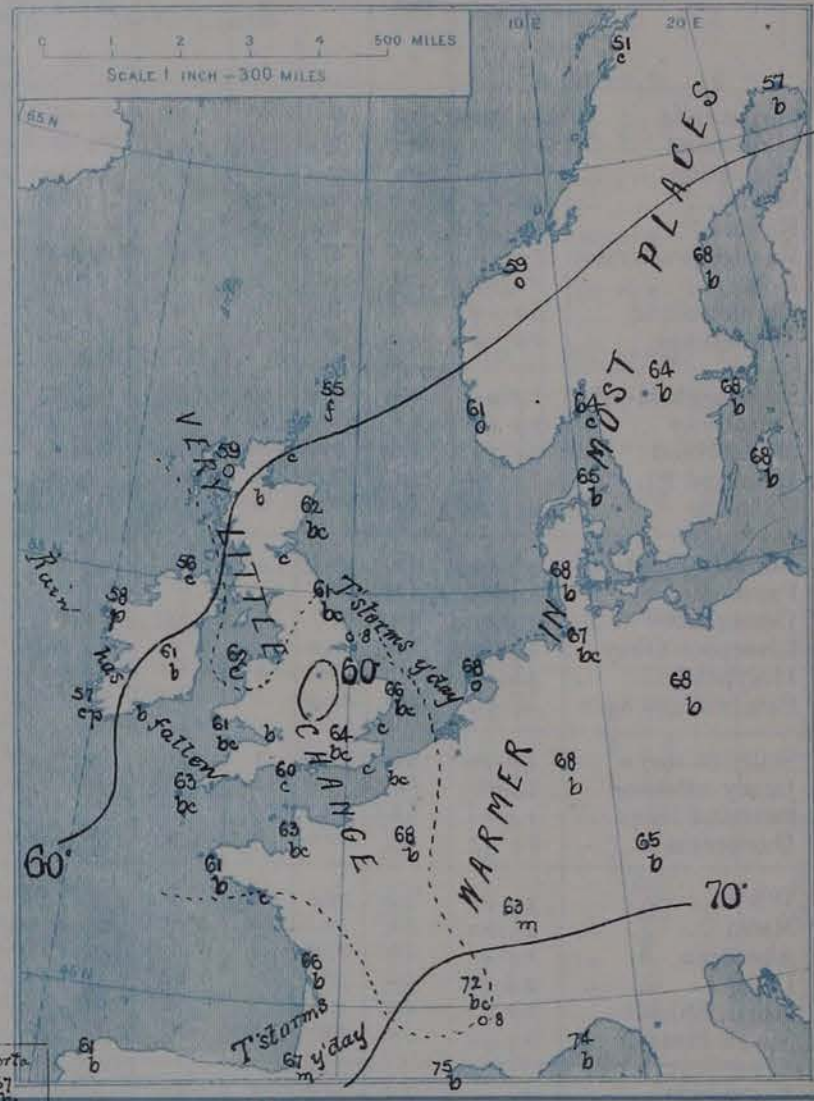


## II. TEMPERATURE AND WEATHER. This Morning.

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. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the 29 weeks ended Sat. 23<sup>rd</sup> JULY, with the percentage of the average for the corresponding period.

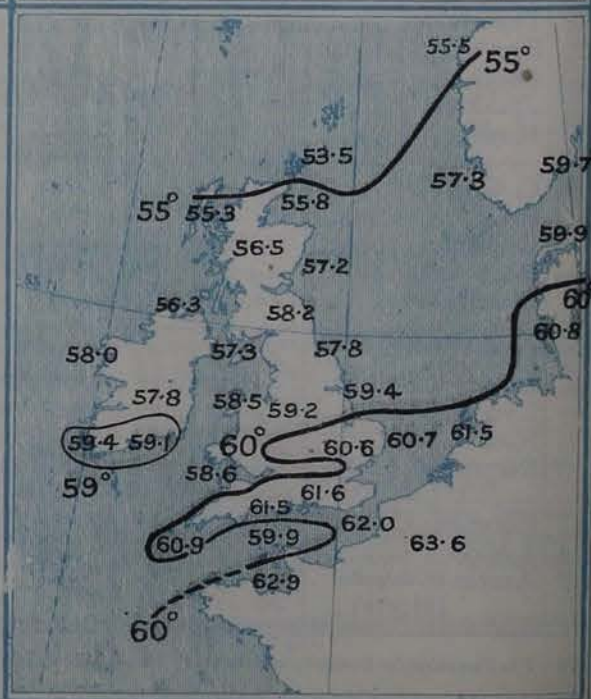
Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



## V. Means of DAILY TEMPERATURE

at 8 A.M. for the Two monthly period

JULY - AUGUST (1871-1900)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The Northern Atlantic is occupied by an extensive low pressure system, and the greater part of the British Isles and Scandinavia is now under the influence of the latter. A well-marked subsidiary disturbance is shown off the Dutch coast. Readings in our Islands vary from 29.70 ins. at Blacksod Point to 30.11 ins. at Jersey. Pressure is above 30.2 ins. in the extreme southwest of France, and also in the extreme east of our area.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

A S.W. to S. air current is sweeping across our Islands and Scandinavia; over Ireland the wind is fresh, further east it is only light. In France and Germany the wind is very light and variable in direction. Fine weather prevails over our area as a whole; showers are reported from the west coast of Ireland and the secondary disturbance mentioned above is causing an overcast sky at the Helder. Temperature readings range from 55° or 57° in the west and northwest to 66° at Yarmouth and 67° at Dungeness. The sea is rough off the west coast of Ireland, rather rough to moderate in the mouth of the Channel, slight or smooth elsewhere.

The past 24 hours were characterised by variable and changeable weather. Most bright sunshine was experienced in the west (Scilly 11.4 hrs.) but at Aberdeen and Stornoway 8.1 hrs. and 7.1 hrs. respectively were recorded. In the northern, midland and southeastern parts of England the amounts were much smaller. No rain fell at any of the Scottish stations, but showers are reported from all English and Irish ones except Liverpool, Holyhead and Scilly. Thunderstorms were general on the east coasts during the afternoon; they were accompanied by very heavy rainfall in many places in East Anglia. At Hillington in Norfolk 3.17 inches were recorded of which 1.5 inch fell in about half an hour.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on 1<sup>st</sup> August, 1904.

### 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 (▼), 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.



# REPORTS FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Blackpool, to 9 p.m....	70	57	c, o, p, c	2.6	0.01	Hastings ... ..	*	*	*	5.9	*
Southport, to 9 p.m....	69	58	o, c, op	2.9	0.01	Broadstairs, ... ..	*	*	*		*
Rhyl, to 6 p.m. ... ..	*	*	*		*	Margate, to 6 p.m. ...	81	63	b, c	6.9	0.01
Llandudno ... ..	*	*	*	5.6	*	Lowestoft, to 6 p.m....					
Bettws-y-Coed, to 6 p.m....	68	54	c, b	2.5	*	Skegness ... ..	*	*	c, b, t	1.7	*
Aberystwyth, to 6 p.m. ...	67	59	c, o, r	6.1	0.02	Scarborough, ... ..		*	*		*
Plymouth, to 9 p.m....	63	58	o, r, b, c, ow	2.0	0.07	Harrogate, to 6 p.m. ...	68	61	o, r, c, o	0.1	0.13
Bournemouth, to 6 p.m. ...	67	62	?	0.7	?	Manchester, to 9 p.m. ...					
Worthing ... ..	*	*	*	6.7	*	Darwen, to 9 p.m. ...					
Brighton, ... ..	*	*	*		*	Birmingham, to 9 p.m. ...	66	60	r, o, c	0.0	0.34
Eastbourne, to 6 p.m. ...	*	*	*		*						

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

STATIONS. 30 <sup>th</sup> July, 1904	TEMPERATURE, F.		WEATHER.	RAIN. Ins.	STATIONS. 30 <sup>th</sup> July.	TEMPERATURE, F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Copenhagen ... ..	77	59	b, b	—	Rome ... ..	89	67	b, b	—
St. Petersburg ... ..	64	46	b, o	—	Naples ... ..	85	68	b, b	0.24
Moscow ... ..	*	*	o, o	—	Malta ... ..	83	74	?, o	—
Cracow ... ..	72	55	b, c, o	0.04	29 <sup>th</sup> July.				
Flushing ... ..	75	64	c, m	—	Geneva ... ..	72	*	b	Measured 7 a.m.
Aix-la-Chapelle ... ..	*	*	b, c, b, c	—	Berne ... ..	72	*	b	—
Vienna ... ..	75	59	b, c	—	Lucerne ... ..	75	*	b	—
Buda Pesth ... ..	72	63	c, b, c	—	Castasegna ... ..	79	*	b	—
Hermanstadt ... ..	70	50	o, b	0.75	Lugano ... ..	84	*	b	—
Florence ... ..	86	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.

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

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

31 <sup>st</sup> July, 1904.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	4.10	11.59	7.47
Greenwich ... ..	4.23	12.6	7.49
Wick ... ..	4.1	12.18	8.35
Valencia ... ..	5.1	12.47	8.33

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

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

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

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

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

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

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



# ADDITIONS AND CORRECTIONS TO THE

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

DATE.	STATIONS.	YESTERDAY EVENING					THIS MORNING.											PAST 24 HOURS.																					
		BAROM.	TEMP.	WIND.			BAROMETER.		TEMPERATURE.			WIND.				TEMP.																							
																					At 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.	Sea (0 to 9).	Max.	Min.	Weather.	Sun- shine.	Rainfall.
Ins.	°				Ins.	Ins.	°	°	°											Hours.	Ins.																		
1 <sup>st</sup>	Corunna.	30.21	70	SVV	3	bc	30.22	+03	61	57	+4	W	1	bc	3	70	55	-	-	-	-																		
"	P. Delgada.	30.36	67	N	1	b	30.29	-06	66	64	0	NNE	4	bc	3	73	63	-	-	-	0.12																		
2 <sup>nd</sup>	Corunna.	30.25	62	WNW	3	c	30.18	-04	56	54	-5	WNW	1	bc	3	63	50	-	-	-	-																		
"	Lisbon.	30.10	62	WNW	6	b	30.06	-08	67	60	+1	NW	4	b	-	77	59	-	-	-	-																		
"	P. Delgada.	30.20	67	WSW	+	bc	30.08	-21	67	64	+1	SSW	4	o	3	73	64	-	-	-	-																		
3 <sup>rd</sup>	Corunna.	30.09	64	N	3	b	30.10	-08	59	57	+3	N	1	f	2	68	54	-	-	-	-																		
5 <sup>th</sup>	Lisbon.	30.10	65	NW	5	b	30.06	-08	67	62	+1	NNW	4	b	-	79	61	-	-	-	-																		
"	P. Delgada.	30.27	63	NE	1	o	30.25	+06	64	58	0	NNE	3	o	2	66	61	-	-	-	-																		
6 <sup>th</sup>	P. Delgada.	30.21	64	NNE	1	+	30.16	-09	65	64	+1	NNE	3	o	2	66	63	-	-	-	0.04																		
7 <sup>th</sup>	Corunna.	29.96	70	NNE	1	bc	29.47	?	69	65	?	N	1	bc	4	79	63	-	-	-	-																		
"	P. Delgada.	30.19	66	NE	5	bc	30.19	+03	64	63	-1	NNE	4	e	4	70	63	-	-	-	-																		
8 <sup>th</sup>	Corunna.	30.08	68	W	3	o	30.08	+11	70	66	+1	SSW	1	bc	3	73	63	-	-	-	0.20																		
"	Lisbon.	30.08	66	W	4	b	30.15	+13	68	63	0	SSE	2	c	-	73	63	-	-	-	-																		
"	P. Delgada.	30.25	65	NE	4	c	30.25	+06	64	61	0	NNE	4	c	2	70	63	-	-	-	0.04																		
9 <sup>th</sup>	Corunna.	30.15	68	WNW	3	b	30.23	+15	64	61	-6	NE	1	f	4	75	59	-	-	-	-																		
"	Lisbon.	30.20	66	WNW	4	b	30.18	+03	69	63	+1	N	1	b	-	75	61	-	-	-	-																		
"	P. Delgada.	30.31	63	NNW	1	b	30.30	+05	65	59	+1	NNE	3	bc	2	72	61	-	-	-	-																		
11 <sup>th</sup>	Nice.	29.91	79	Z	0	bc	29.41	-09	83	66	+3	E	1	b	0	88	73	-	-	-	-																		
"	Corunna.	30.08	64	N	1	f	30.01	?	68	64	?	ENE	1	bc	4	72	61	-	-	-	-																		
12 <sup>th</sup>	Corunna.	30.04	64	WNW	4	o	30.13	+12	68	63	0	S	3	o	3	73	61	-	-	-	0.12																		
"	Lisbon.	30.13	65	WNW	4	?	30.14	+05	67	59	0	NNW	4	o	-	68	63	-	-	-	-																		
13 <sup>th</sup>	Corunna.	30.21	64	W	3	o	30.25	+12	61	57	-7	W	1	b	3	70	58	-	-	-	-																		
"	Lisbon.	30.18	65	NNW	4	b	30.17	+03	?	?	?	NNW	4	b	-	75	61	-	-	-	-																		
14 <sup>th</sup>	Skagen.	30.25	64	SSW	2	b	30.20	-10	63	60	+1	S	3	b	1	75	61	-	-	-	-																		
"	Corunna.	30.24	66	WNW	1	o	30.13	-12	61	59	0	NNW	1	f	3	66	57	-	-	-	-																		
"	P. Delgada.	30.23	67	SW	4	b	30.13	-13	69	67	+3	W	4	c	3	72	64	-	-	-	-																		
15 <sup>th</sup>	Corunna.	30.15	66	NNW	1	b	30.09	-04	63	59	+2	SW	1	b	3	66	57	-	-	-	-																		
"	P. Delgada.	30.06	69	WSW	4	bc	29.46	-17	69	67	0	WSW	4	o	4	73	68	-	-	-	0.04																		
16 <sup>th</sup>	Corunna.	30.08	68	NW	1	b	30.09	00	61	59	-2	E	1	f	3	70	57	-	-	-	-																		
"	Lisbon.	30.03	67	NNW	5	b	30.03	-05	69	62	+3	NE	3	b	-	81	61	-	-	-	-																		
18 <sup>th</sup>	Corunna.	30.12	68	NW	1	b	30.08	+03	64	62	0	WNW	1	f	2	70	59	-	-	-	-																		
19 <sup>th</sup>	Corunna.	30.08	69	WNW	1	b	30.04	-04	64	62	0	S	1	o	2	70	59	-	-	-	-																		
20 <sup>th</sup>	Corunna.	30.08	67	W	3	b	30.12	+08	61	57	-3	SW	1	b	2	68	58	-	-	-	-																		
21 <sup>st</sup>	Corunna.	30.12	68	NW	1	b	30.12	00	65	61	+4	NW	1	f	2	70	59	-	-	-	-																		
"	Lisbon.	30.07	65	NW	5	b	30.10	+02	66	60	-1	NW	5	c	-	75	61	-	-	-	-																		
22 <sup>nd</sup>	Corunna.	30.15	66	NW	1	b	30.20	+08	61	57	-4	NW	1	f	2	68	58	-	-	-	-																		
"	P. Delgada.	30.11	71	SSW	3	c	30.13	+08	69	68	+1	SW	3	c	2	73	66	-	-	-	-																		
23 <sup>rd</sup>	Corunna.	30.19	68	NNW	5	b	30.12	-08	68	64	+7	S	1	o	2	72	61	-	-	-	-																		
25 <sup>th</sup>	Brarritz.	29.86	73	W	2	bc	29.89	-04	66	64	-2	W	4	o	3	81	63	-	-	-	0.28																		
"	Corunna.	29.93	66	W	3	o	29.93	-02	63	61	-3	SSW	3	o	3	70	57	-	-	-	0.16																		
"	P. Delgada.	30.26	68	WNW	4	o	30.21	-04	69	67	+2	WNW	4	bc	3	73	66	-	-	-	0.04																		
26 <sup>th</sup>	Brest.	29.67	63	W	2	o	29.73	+04	62	60	+1	W	4	o	3	70	59	-	-	-	0.12																		
"	Corunna.	30.02	67	W	4	o	30.02	+09	63	59	0	S	3	o	2	68	57	-	-	-	0.08																		
27 <sup>th</sup>	Corunna.	29.97	72	SSW	4	o	30.13	+11	66	63	+3	SSW	1	c	2	72	59	-	-	-	0.12																		
28 <sup>th</sup>	Corunna.	30.13	72	NW	1	bc	30.13	00	63	59	-3	SSE	1	bc	2	75	57	-	-	-	-																		
"	Lisbon.	30.14	67	WNW	3	b	30.16	+03	68	64	0	S	3	bc	-	75	63	-	-	-	-																		
29 <sup>th</sup>	Corunna.	30.12	79	SW	1	b	30.13	00	66	63	+3	S	2	b	2	81	61	-	-	-	-																		
"	P. Delgada.	30.09	66	NW	3	b	30.13	+11	67	60	+1	WNW	4	b	3	72	61	-	-	-	-																		
30 <sup>th</sup>	Corunna.	30.12	68	NW	2	f	30.09	-04	61	59	-5	NW	2	f	3	81	57	-	-	-	0.08																		
"	P. Delgada.	30.21	63	N	3	b	30.21	+08	66	62	-1	Z	0	b	3	73	61	-	-	-	-																		



# REPORTS FOR JULY, 1904.

## 2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun- shine.	Rainfall.	
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).		At 32° Fabr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).			Max.	Min.				
1 <sup>st</sup>	Holyhead.	Ins.	-	-	-	-	Ins.	Ins.	°	°	°	-	-	-	-	-	55	-	-	-	
"	Yarmouth.	-	-	-	-	-	29.83	-14	-	-	-	-	-	-	-	-	-	-	-	-	
2 <sup>nd</sup>	Bath.	-	-	-	-	-	-	-	-	-	-	VSW	-	-	-	-	-	-	-	0.04	
3 <sup>rd</sup>	Haparanda.	29.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Hernösand.	29.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 <sup>th</sup>	Spurn Head.	? 29.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Corunna.	30.17	-	WNW	-	-	30.17	+17	62	59	+3	VWNW	-	-	-	70	57	-	-	-	
5 <sup>th</sup>	Clifton-on-Sea.	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 <sup>th</sup>	Valencia.	30.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8 <sup>th</sup>	Dungeness.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10 <sup>th</sup>	Stockholm.	-	-	NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 <sup>th</sup>	Bath.	? 30.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12 <sup>th</sup>	Malin Head.	-	-	-	-	-	-	-	-	-	-	ESE	-	-	-	-	-	-	-	-	
"	Portland Bill.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Dungeness.	-	-	-	-	-	? 29.99	-10	-	-	-	-	-	-	-	-	-	-	-	-	
13 <sup>th</sup>	Yarmouth.	-	-	-	-	-	30.06	-	-	-	-	-	-	-	-	-	-	-	-	-	
14 <sup>th</sup>	Blackod Pt.	-	-	-	-	-	-	-	-	-	-	SW	8	-	-	-	-	-	-	-	
16 <sup>th</sup>	Malin Head.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	
"	Blackod Pt.	-	-	NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Yarmouth.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17 <sup>th</sup>	Nottingham.	-	-	-	-	-	30.23	+25	-	-	-	-	-	-	-	-	-	-	-	-	
"	Bath.	30.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18 <sup>th</sup>	Sumburgh Head.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	
"	Parsonstown.	-	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Holyhead.	-	-	-	-	-	-	-	-	65	-	-	-	-	-	-	-	-	-	-	
"	Paris.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Nice.	-	-	-	-	-	-	-	-	-	-	Z	0	-	-	-	-	-	-	-	
20 <sup>th</sup>	Pembroke.	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	
"	Scilly.	-	-	-	-	mt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Bath.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21 <sup>st</sup>	Leith.	-	-	ENE	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Bath.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22 <sup>nd</sup>	Valencia.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.83	
"	Bath.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24 <sup>th</sup>	Sumburgh Head.	-	-	-	-	-	29.95	-09	-	-	-	-	-	-	-	-	-	-	-	-	
25 <sup>th</sup>	Parsonstown.	? 29.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Donaghadee	-	-	NNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Jersey.	-	-	-	-	-	29.69	-24	-	-	-	-	-	-	-	-	-	-	-	-	
"	Leith.	29.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26 <sup>th</sup>	Roche's Point.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06	
"	Scilly.	-	-	WNW	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27 <sup>th</sup>	Roche's Point.	-	-	-	-	-	-	-	-	57	-	-	-	-	-	-	-	-	-	-	
"	Parsonstown.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.64	
"	Bath.	-	-	-	-	-	-	-	56	55	-5	-	-	-	-	-	-	-	-	-	
28 <sup>th</sup>	Dungeness.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
29 <sup>th</sup>	Pembroke.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30 <sup>th</sup>	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Liverpool	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Spurn Head.	-	-	-	-	-	-	-	-	-	-	NNE	-	-	-	-	-	-	-	-	