

**METEOROLOGICAL OFFICE.**

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**DAILY WEATHER REPORTS.**

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**1ST JULY TO 31ST DECEMBER, 1906.**



# DAILY WEATHER REPORT.

July to December 1906.





# DAILY WEATHER REPORT. APPENDIX I.

## NORMAL VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE.

### THIRD QUARTER, JULY TO SEPTEMBER.

(Issued as a Supplement to the Daily Weather Report of July 1st.)

JULY.

AUGUST.

SEPTEMBER.

STATIONS.	PRESSURE. 1871-1905.  8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	AIR TEMPERATURE. 1871-1905.	RAINFALL. 1871-1905	BRIGHT SUNSHINE. 1881-1905.	
		Means of			
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maxi- mum.	Daily Mini- mum.

\* Results for 25 years, 1881-1905.  
† " 21 " 1871-1884 and 1899-1905.  
‡ " 20 " 1886-1905.</



# DAILY WEATHER REPORT. APPENDIX I.

## NORMAL VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE.

### FOURTH QUARTER, OCTOBER TO DECEMBER.

(Issued as a Supplement to the Daily Weather Report of October 1st.)

OCTOBER.

NOVEMBER.

DECEMBER.

STATIONS.	PRESSURE. 1871-1905.  8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905.  Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1905.  Average Duration. Per Centage of Possible Duration.	
		Means of				Absolute Extremes.							
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
	Inches.	°	°	°	°	°		°		Inches.	Hours.	%	
Sumburgh Head.....	29.721	45.9	44.2	49.7	41.7	61	1898	26	1875	25	4.38	—	—
Stornoway.....	29.752	45.4	44.3	51.3	40.3	70	1898	26	1880	24	5.69	84.3	27
Malin Head.....	29.804	48.4	46.4	52.6	45.6	[69]†	[1898]†	[32]†	[1892]†	[22]†	[3.22]†	—	—
Blackod Point.....	29.853	49.7	46.9	54.2	45.9	[70]†	[1898]†	[29]†	[1905]†	[23]†	[5.13]†	—	—
Valencia.....	29.891	50.9	48.7	56.4	46.2	69	1898	28	1892	22	5.48	102.7	32
Roche's Point.....	29.893	50.1	48.3	55.8	46.1	65	1880, 84, 86	32	1881	17	4.17	—	—
Birr Castle.....	29.887	45.5	44.1	54.7	40.6	69	1898	22	1880, 1905	18	2.93	98.0	30
Donaghadee.....	29.846	47.8	46.4	53.8	43.5	66	1898	21	1892	19	2.97	—	—
Liverpool (Observatory).....	29.876	47.8	45.7	53.8	44.6	72	1886	27	1895	19	3.54	—	—
Holyhead.....	29.867	50.3	48.2	54.7	46.9	71	1886	32	1892	20	4.33	—	—
Pembroke (St. Ann's Hd.).....	29.885	51.3	49.3	55.1	48.0	66	1872, 86	33	1895	20	4.02	103.6	32
Scilly (St. Mary's).....	29.903	53.9	51.7	57.0	50.1	69	1895	38	1895, 96	21	3.76	115.4	35
Jersey (St. Aubin's).....	29.935	53.6	50.9	58.7	49.0	73	1876, 98, 1900	33	1887	20	4.52	126.0	38
Portland Bill.....	[29.961]§	[52.4]§	[49.8]§	[57.1]§	[48.5]§	[65]§	[1901]§	[35]§	[1905]§	[17]§	[3.06]§	—	—
Dungeness.....	29.913	50.4	48.6	56.7	46.0	70	1886	23	1890	16	3.24	—	—
Wick.....	29.754	46.0	44.4	51.9	40.4	73	1898	22	1885	21	3.23	—	—
Nairn.....	29.774	44.6	42.8	52.4	39.6	72	1898	19	1896	19	2.47	—	—
Aberdeen.....	29.793	45.6	43.6	52.5	41.2	74	1883	25	1880	20	2.94	98.6	31
Leith.....	29.816	46.6	44.6	54.7	41.6	70	1898	25	1894	16	2.19	—	—
North Shields.....	29.837	46.9	45.2	53.5	42.2	69	1898	27	1890, 92, 95	17	2.93	—	—
Spurn Head.....	29.859	49.0	47.5	53.8	45.6	[70]*	[1900]*	[33]*	[1887, 95]*	16	2.26	—	—
Yarmouth.....	29.885	49.3	47.6	54.5	44.7	74	1900	27	1895	18	2.91	—	—
Clacton-on-Sea.....	[30.046]¶	[47.4]¶	[45.6]¶	[55.7]¶	[45.1]¶	[69]¶	[1904]¶	[29]¶	[1905]¶	[16]¶	[1.71]¶	[110.6]¶	[34]¶
Nottingham.....	29.899	45.5	44.3	55.1	41.5	75	1895	20	1890	20	2.60	88.6	27
Bath.....	[29.945]	[47.7]	[46.2]	[57.6]	[42.5]	[73]†	[1873]†	[24]†	[1905]†	15	3.05	93.0	29
Oxford.....	29.921	46.2	44.8	55.7	42.1	76	1886	22	1873	15	2.76	100.6	31
LONDON { Westminster.....	[30.029]**	[43.6]**	[41.7]**	[53.0]**	[38.7]**	[61]**	[1905]**	[29]**	[1905]**	[16]**	[1.01]**	68.7	21
{ Brixton.....	29.921	47.7	46.1	56.8	42.9	80	1886	24	1890	16	2.73	—	—
Sumburgh Head.....	29.718	42.5	40.8	46.0	38.5	58	1901	21	1875	24	3.96	—	—
Stornoway.....	29.742	42.6	41.5	47.0	37.5	58	1897, 1901, 02	20	1880	24	5.41	41.4	18
Malin Head.....	29.784	44.5	42.7	48.3	41.4	[59]†	[1894, 99]†	[31]†	[1889]†	[21]†	[3.23]†	—	—
Blackod Point.....	29.830	45.8	43.9	49.8	41.9	[60]†	[1897, 99]†	[26]†	[1890]†	[24]†	[5.29]†	—	—
Valencia.....	29.893	47.4	45.4	52.3	42.8	63	1881	27	1890, 96, 1901	22	5.67	64.8	25
Roche's Point.....	29.899	46.4	44.9	51.3	42.3	61	1875	27	1890	18	4.69	—	—
Birr Castle.....	29.879	41.8	40.5	49.2	37.1	63	1872	19	1905	19	3.10	62.9	25
Donaghadee.....	29.848	44.0	42.8	48.9	39.8	60	1894	27	1878, 83	19	3.20	—	—
Liverpool (Observatory).....	29.891	42.9	41.1	48.2	39.9	63	1872	22	1880	17	2.65	—	—
Holyhead.....	29.874	46.2	44.4	50.0	42.9	62	1881	29	1880	19	4.14	—	—
Pembroke (St. Ann's Hd.).....	29.898	47.3	45.6	50.7	43.8	58	1884, 95, 97, 99, 1901, 2	28	1890	20	3.94	62.3	24
Scilly (St. Mary's).....	29.917	50.2	48.1	53.0	46.5	61	1898	29	1890	20	3.68	75.6	28
Jersey (St. Aubin's).....	29.962	48.0	45.9	52.6	44.2	66	1899	16	1890	20	4.10	76.2	28
Portland Bill.....	[29.938]§	[46.6]§	[44.8]§	[51.0]§	[42.9]§	[61]§	[1900]§	[30]§	[1902]§	[14]§	[2.11]§	—	—
Dungeness.....	29.930	44.9	43.5	50.1	40.8	63	1899	17	1890	17	2.65	—	—
Wick.....	29.750	42.0	40.5	46.7	36.8	62	1900	15	1884, 1904	20	2.81	—	—
Nairn.....	29.771	40.5	38.9	46.4	35.5	61	1885, 94	12	1904	17	2.21	—	—
Aberdeen.....	29.802	41.1	39.3	48.6	37.1	62	1872, 89	15	1880, 84	20	3.22	54.5	23
Leith.....	29.825	42.3	40.6	48.5	37.6	64	1872	18	1885	16	2.17	—	—
North Shields.....	29.851	42.7	41.1	48.0	38.2	62	1894	20	1880	16	2.44	—	—
Spurn Head.....	29.880	43.8	42.5	47.7	40.6	[61]*	[1894, 95]*	[28]*	[1884]*	17	1.98	—	—
Yarmouth.....	29.903	43.6	42.3	48.0	39.4	60	1895, 98, 99, 1904	23	1890	18	2.70	—	—
Clacton-on-Sea.....	[29.878]¶	[41.0]¶	[40.0]¶	[47.9]¶	[39.0]¶	[59]¶	[1902]¶	[25]¶	[1904]¶	[11]¶	[1.55]¶	[78.4]¶	[30]¶
Nottingham.....	29.916	40.7	39.6	48.0	36.9	63	1895	13	1904	20	1.99	33.5	13
Bath.....	[29.981]	[40.7]	[39.5]	[50.3]	[37.4]	[64]†	[1879]†	[18]†	[1901]†	15	2.95	54.2	21
Oxford.....	29.938	41.4	40.2	48.7	37.7	63	1899	17	1904	15	2.34	56.5	22
LONDON { Westminster.....	[29.993]**	[40.7]**	[39.6]**	[47.9]**	[36.7]**	[56]**	[1905]**	[25]**	[1905]**	[19]**	[3.01]**	26.6	10
{ Brixton.....	29.938	42.6	41.1	49.6	38.4	65	1894	19	1879	15	2.35	—	—
Sumburgh Head.....	29.646	40.2	38.7	43.1	36.1	53	1890, 1905	19	1877	26	4.45	—	—
Stornoway.....	29.689	40.1	39.0	43.9	34.7	55	1898	15	1880	26	5.90	23.9	12
Malin Head.....	29.745	41.8	40.2	45.4	38.4	[55]†	[1900, 04]†	[29]†	[1904]†	[23]†	[3.21]†	—	—
Blackod Point.....	29.799	43.4	41.5	47.2	39.4	[59]†	[1899]†	[26]†	[1896]†	[27]†	[5.81]†	—	—
Valencia.....	29.875	45.3	43.2	50.0	40.7	57	1884, 88, 99, 1900	24	1886	25	6.21	41.0	17
Roche's Point.....	29.890	44.1	42.7	48.5	40.0	58	1873	25	1882	20	5.32	—	—
Birr Castle.....	29.866	39.0	37.8	45.6	34.3	58	1877, 1900	8	1878	20	3.07	43.9	19
Donaghadee.....	29.819	41.1	40.1	46.1	36.9	56	1885, 88, 94	20	1879	20	2.96	—	—
Liverpool (Observatory).....	29.878	39.4	37.7	44.3	36.1	59	1891, 98, 1900	13	1878	18	2.46	—	—
Holyhead.....	29.860	43.3	41.6	46.7	39.5	56	1872, 88	25	1874	20	3.80	—	—
Pembroke (St. Ann's Hd.).....	29.898	44.4	42.9	47.5	40.9	57	1899, 1902	19	1890	21	4.03	42.3	18
Scilly (St. Mary's).....	29.929	47.7	45.8	50.4	43.9	58	1899, 1900	30	1890	22	4.21	57.6	23
Jersey (St. Aubin's).....	29.989	44.0	42.2	48.1	40.2	61	1876	19	1871	20	3.84	61.7	25
Portland Bill.....	[29.923]§	[44.5]§	[43.1]§	[47.8]§	[41.0]§	[55]§	[1900]§	[25]§	[1902]§	[18]§	[2.54]§	—	—
Dungeness.....	29.949	40.7	39.6	45.3	36.5	56	1880, 97, 98, 1900	12	1890	16	2.24	—	—
Wick.....	29.681	38.9	37.6	43.1	33.6	56	1898	10	1880	22	2.99	—	—
Nairn.....	29.709	37.6	36.1	42.6	32.4	58	1900	10	1882	18	2.08	—	—
Aberdeen.....	29.745	37.7	36.0	42.5	33.5	58	1873	6	1882	20	3.06	37.0	18
Leith.....	29.778	39.3	37.7	44.5	34.3	60	1896	6	1882	16	1.97	—	—
North Shields.....	29.820	39.0	37										

\* Results for 25 years, 1881-1905.  
† " 21 " 1871-1884 and 1899-1905.  
‡ " 20 " 1886-1905.

‡ Results for 7 years, 1899-1905.  
§ " 6 " 1900-1905.  
|| " 5 " 1901-1905.

¶ Results for 2 years, 1904-1905.  
\*\* " 1 year, 1905.



# DAILY WEATHER REPORT.

Sunday,

Meteorological Office, London.

1<sup>ST</sup> JULY, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Temp.		Sun- shine.	Rainfall.	
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M.S.L.		Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.			Min.				
		Ins.	°				Ins.	Ins.	°	°	°				°	°		Hours.	Ins.		
SCANDINAVIA.	Haparanda...	29.73	45	SW	2	b	29.71	+0.6	54	47	+4	Z	0	0	*	55	?	*	-		
	Hernösand ...	29.71	47	Z	0	b	29.73	-0.9	49	42	-1	Z	0	0	*	54	37	*	-		
	Stockholm ...	29.71	45	Z	0	b	29.74	+0.5	52	45	+1	WSW	4	c	*	57	43	*	0.39		
	Wisby... ..	29.75	49	WNW	4	bc	29.84	+3.3	54	48	0	SW	8	b	*	59	48	*	0.04		
	Karlstad ...	29.59	55	S	6	bc	29.53	-1.3	48	45	-8	W	4	+	*	*	*	bc, 27r	0.12		
	Færder (X'ania Fjord)	29.50	58	W	6	bc	29.61	-0.1	50	46	-5	NW	6	0	4	61	50	*	0.16		
	Bodö ... ..	29.67	47	W	2	b	29.69	+0.8	46	43	+1	SW	4	c	2	48	39	*	-		
	Christiansund ...	29.72	46	W	2	c	29.81	+1.4	46	43	-2	N	2	c	3	48	39	*	0.04		
Skudesnaes ...	29.71	45	NNW	8	0	29.85	+0.6	46	45	-3	NNW	7	+	3	49	41	c, 0	0.59			
BRITISH ISLANDS.	Sumburgh Head	29.87	45	WNW	4	c	29.95	+1.6	43	39	+3	NW	4	c	3	48	40	c	0.04		
	Stornoway ...	30.00	49	NNE	2	c	30.06	+0.9	46	43	-3	ENE	1	0	1	53	38	r, c	0.05		
	Malin Head ...	30.04	55	NW	5	0	30.02	-1.3	53	53	+3	E	1	bc	3	58	45	c, 0	0.03		
	Blacksod Pt. ...	30.10	58	WSW	3	bc	29.95	-2.5	55	54	0	ENE	4	og	3	60	52	b, bc	0.05		
	Valencia ... ..	30.14	58	SSW	2	0	29.96	-3.1	55	54	0	Z	0	+	3	61	53	op, 0	0.86		
	Roche's Point ...	30.17	57	WNW	3	og	30.02	-2.7	55	58	+1	S	4	og	4	60	53	c, og	0.09		
	Birr Castle ...	30.11	60	W	3	c	29.99	-2.5	55	54	+4	S	3	or	*	62	50	c	0.20		
	Donaghadee ...	30.07	55	WNW	1	c	30.06	-1.4	53	50	+3	SSE	1	bc, m	1	59	47	bc, p	0.01		
	Liverpool Obsy...	30.14	56	WNW	3	bc	30.08	-1.2	56	51	+5	WNW	1	b	1	57	50	-	-		
	Holyhead ... ..	30.12	53	SW	3	c	30.05	-1.7	58	54	+2	SW	1	c	1	59	49	bc, c	-		
	Pembroke (St. Ann's Hd.)	30.17	54	WNW	5	bc	30.08	-1.7	55	54	+3	W	3	c	2	56	47	bc	13.9	-	
	Scilly (St. Mary's) ...	30.21	59	NW	1	bc	30.11	-1.7	54	52	0	ESE	1	op	1	62	52	bc	13.0	-	
	Jersey (St. Aubins) ...	30.21	59	WNW	3	b	30.15	-1.0	58	51	+1	WNW	2	bc	2	63	45	c, bc, cm	11.8	-	
	Portland Bill ... ..	30.14	56	SW	4	c	30.11	-1.3	54	51	+1	SW	3	c	3	58	50	bc, bc	*	-	
	Dungeness ... ..	30.11	58	SW	4	b	30.09	-1.0	57	52	+3	SSW	1	bc	1	60	47	c, bc	11.6	-	
	Wick ... ..	29.96	49	N	3	bc	30.02	+1.4	46	44	-4	N	3	c	1	57	38	-	*	0.02	
	Nairn ... ..	29.98	48	Z	0	r	30.07	+1.2	46	45	-3	Z	0	c	1	51	40	-	*	0.18	
	Aberdeen ... ..	29.98	50	NW	1	c	30.07	+1.2	47	43	-2	WNW	2	c	2	51	42	or, 0, c	0.6	0.33	
	Leith ... ..	29.99	57	WSW	3	c	30.06	+0.3	53	50	+2	ENE	2	c	*	59	47	-	*	-	
	North Shields ...	30.02	60	WSW	3	c	30.05	-0.1	53	50	-2	NW	2	c	2	63	45	c	*	-	
	Spurn Head ... ..	30.04	64	WNW	3	bc	30.04	-0.5	56	52	+4	NW	3	bc	3	65	50	-	*	-	
	Yarmouth ... ..	30.08	59	SE	3	b	30.04	-0.8	54	51	+3	W	2	c	2	61	50	bc, bc	*	-	
	Clacton-on-Sea ...	30.09	55	W	1	bc	30.07	-1.0	56	52	+4	NW	1	c	0	62	47	bc, cm	13.2	-	
	Nottingham ... ..	30.03	62	W	1	b	30.08	-0.7	51	50	-2	W	1	om	*	64	43	bc, bc	12.2	-	
	Bath ... ..	30.15	?	W	3	b	30.11	-1.3	59	53	+7	WNW	1	c	*	62	39	-	10.5	-	
	Oxford ... ..	30.12	57	WSW	2	c	30.10	-1.3	56	51	+4	Z	0	b	*	65	43	-	*	-	
	London (St. James' Park)	30.10	63	W	2	bc	30.08	-1.2	57	51	+3	NNW	1	b	*	64	46	c, bc, bc	11.0	-	
GERMANY, & C.	The Scaw (Skagen)	29.68	50	W	7	b	29.74	+0.9	50	46	-10	WNW	7	0	3	61	46	*	*	-	
	Fanö ... ..	29.94	52	WSW	6	bc	29.99	+1.1	51	47	-1	WSW	4	c	*	59	46	*	*	0.12	
	Cuxhaven ... ..	30.03	57	W	5	b	30.06	+0.9	55	53	+3	WSW	4	og	*	57	50	*	*	0.04	
	The Helder ... ..	30.10	55	W	2	bc	30.06	-0.7	59	55	+6	WSW	3	b	2	59	52	*	*	-	
	Brussels ... ..	*	*	*	*	*	30.12	-1.0	55	50	+6	S	1	b	*	62	40	*	*	-	
	Berlin ... ..	30.06	59	WNW	2	b	30.15	+2.6	57	52	0	WNW	2	b	*	66	50	*	*	-	
	Frankfurt ... ..	30.16	59	NW	1	0	30.13	-0.4	57	52	+3	NE	2	b	*	63	48	*	*	-	
	Munich ... ..	30.15	53	SE	2	c	30.09	-0.8	55	50	+2	SE	5	b	*	61	43	*	*	-	
FRANCE.	C. Gris Nez ... ..	30.16	55	WSW	4	b	30.11	-1.3	56	54	+4	W	4	b	3	59	52	*	*	-	
	Brest ... ..	30.21	59	NW	4	b	30.16	-1.1	50	49	-4	NE	1	bc	1	61	45	*	*	-	
	Lorient ... ..	30.17	67	E	2	b	30.13	-1.3	57	54	+4	NE	3	b	1	79	45	*	*	-	
	Rochefort ... ..	30.21	65	NW	3	b	30.08	-1.3	60	53	+1	SE	2	bc	*	77	59	b	*	-	
	Biarritz ... ..																	*	*	-	
	Paris ... ..	30.17	58	E	1	b	30.14	-1.4	53	49	+1	NE	1	c	*	64	44	*	*	-	
	Belfort... ..	30.09	59	ESE	3	c	30.04	-1.4	52	48	-3	E	3	m	*	68	44	*	*	-	
	Lyons ... ..	30.08	63	N	2	b	30.06	-1.9	56	48	+3	N	2	b	*	69	49	*	*	-	
SPAN. PEN.	Nice ... ..	29.72	71	ENE	3	bc	29.84	0.0	71	65	0	ENE	1	b	1	82	61	*	*	-	
	Perpignan ... ..	30.02	74	W	3	b	30.01	-1.2	67	56	+2	NW	2	c	*	78	59	*	*	-	
	Corunna ... ..																	*	*	-	
Lisbon ... ..	30.03	62	N	6	b	30.04	-0.6	64	56	-2	NW	5	c	*	72	59	*	*	-		
Azores (P. Delgada)...	30.37	68	NNE	1	0	30.31	-0.9	69	64	0	Z	0	0	2	73	66	*	*	-		
„ (Horta) ... ..	30.39	69	Z	0	0	30.34	-0.9	67	65	-1	S	4	1	1	72	66	*	*	-		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) 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, 1<sup>st</sup> JULY, 1906.

## 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 → }

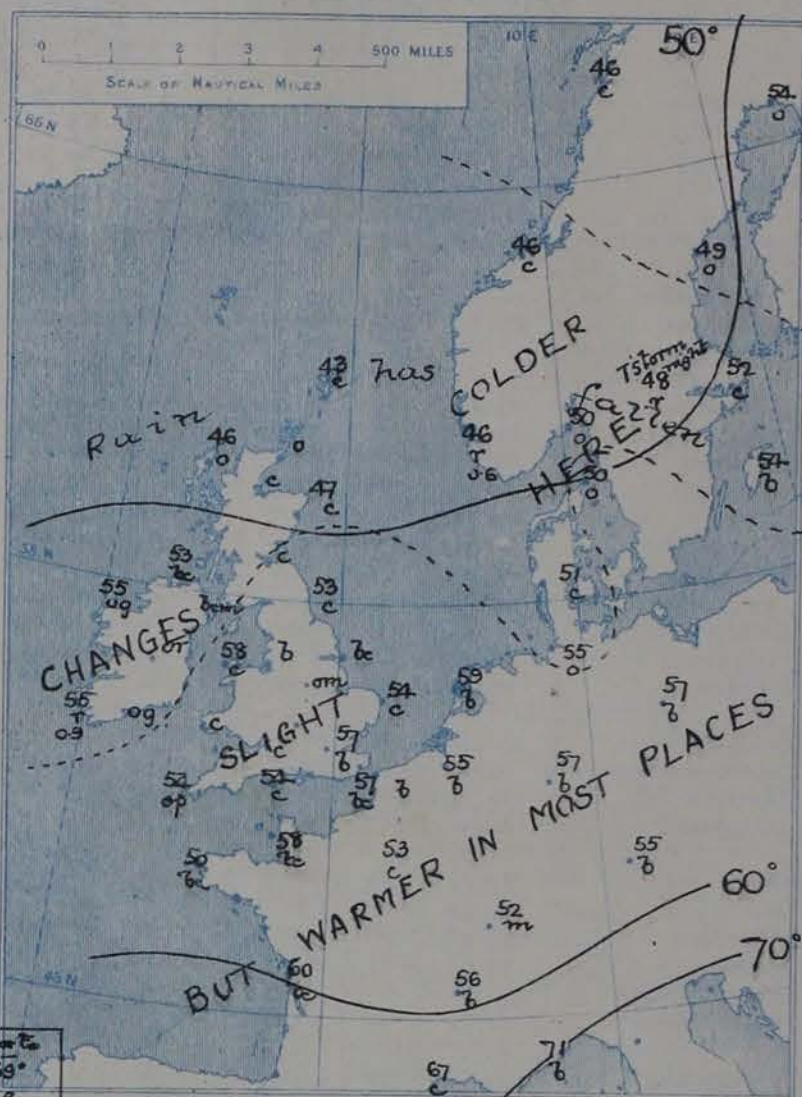
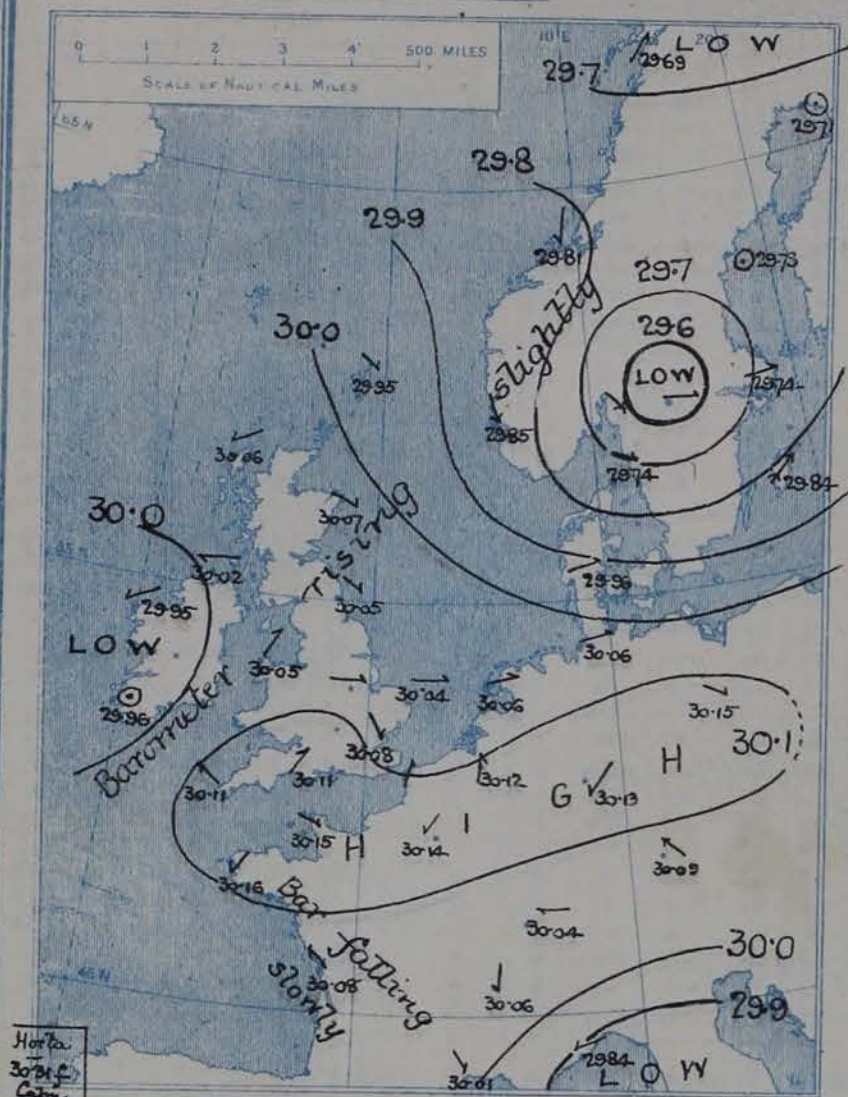
SEA.—Rough High

## 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 25 weeks ended Saturday, 23<sup>rd</sup> June 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. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period JUNE-JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The changes in pressure during the past twenty-four hours have been rather irregular, and the barometer now ranges from above 30.1 ins. in an anticyclonic band extending from the mouth of the Channel to Central Europe, to below 30.0 ins. in a depression over the west of Ireland and the adjacent portion of the Atlantic, to less than 29.9 ins. in another system over the Gulf of Genoa, and to less than 29.6 ins. in a well marked disturbance over the south of Scandinavia.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind shows partial or complete cyclonic circulations around the baric minima, but is very variable in direction and light in force over Great Britain and the greater part of France. Temperature has risen in most regions excepting parts of Scandinavia. Over our Islands it ranges from 58° at Jersey and Holyhead to 51° at Nottingham, 46° in the north of Scotland, and to 44° at Lumburgh Head. On the Continent the highest readings are 71° at Nice and 67° at Perpignan and the lowest 46° along the coast of Norway. The weather is fine and bright at most stations in Germany, France, and the south-east of England, cloudy or overcast over this country generally, and also in Scandinavia, showery at Scilly, and rainy in some parts of Ireland. The sea is moderate to smooth.

The maximum temperatures recorded yesterday were very low over the United Kingdom - less than 60 in many places, and only 48 at Lumburgh Head. During the night the thermometer fell to 39° at Bath and to 38° at Wick and Stromway. Bright sunshine was very abundant over the greater part of England, but in Ireland and Scotland there was little. Rain has fallen in Scandinavia, Scotland and Ireland as well as at Leno and Copenhaven.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on **2ND. JULY, 1906.**

### DISTRICTS.

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

### FORECASTS.

NONE ISSUED.

### DISTRICTS.

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

### WARNINGS

### FORECASTS.

NONE ISSUED.

NONE ISSUED.

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

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



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	53	47	※	0.0	0.52	†Brighton ...				11.5	
Blackpool, to 9 p.m. ...	56	49	c	11.4	-	†Eastbourne, to 6 p.m. ...			b, bc, o, bc	13.9	-
Southport, to 9 p.m. ...	57	49	c, b, c	11.6	-	Bexhill-on-Sea, to 9 p.m. ...	61	43		13.1	-
†Rhyl, to 6 p.m. ...	58	51	*	13.5	-	†Hastings ...	※	※	※	13.4	※
Llandudno, to 9 p.m. ...	59	47	b, c	13.1	-	†Folkestone, to 6 p.m. ...	61	41	b	13.5	0.01
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, to 6 p.m. ...	※	※	※		※
†Towyn, to 6 p.m. ...	57	43	c, b	13.0	-	Margate, to 6 p.m. ...	63	42	b	13.2	-
Aberystwyth, to 6 p.m. ...	58	47	c, bc, c	11.3	-	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	61	45	bc, b	8.0	-	†Skegness ...	62	43	b, c	13.3	-
Torquay, to 6 p.m. ...			※			Scarborough, to 6 p.m. ...			※		
Bournemouth, to 6 p.m. ...	62	44	※	8.2	-	Harrogate, to 6 p.m. ...	61	39	c, b, c	12.8	-
Bognor, to 6 p.m. ...	※	※			※	Darwen, to 9 p.m. ...					
†Worthing ...	61	56	※	11.0	-	Manchester, to 9 p.m. ...	61	44	c, b, bc	9.2	-
						Birmingham, to 9 p.m. ...	62	43	c	12.3	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

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 ... 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 30 <sup>th</sup> June ... 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	66	50	o, c	0.20	Rome ...	89	65	bc, b	-
Aix-la-Chapelle ...	70	46	r, o	0.35	Naples ...	Not rec <sup>d</sup>			
Copenhagen ...	59	50	o, c	0.35	Malta ...	84	71	o	-
Oxö (Christiansand) ...	61	50	bc, b	-	Geneva 29 <sup>th</sup> June ... 1906. 1 p.m.	63	*	1 p.m.	Measured 7 a.m. 0.04
St. Petersburg ...	73	55	r, o	0.32	Berne ...	68	*	tlr	-
Vienna ...	84	52	tlr, r	0.35	Lucerne ...	72	*	c	0.52
Buda-Pesth ...	91	66	b, bc	-	Coire ...	75	*	bc	-
Hermanstadt ...	86	59	b, b	-	St. Gotthard ...	50	*	f	0.04
Trieste ...	86	72	bc, bc	-	Lugano ...	81	*	c	-
Florence ...	88	66	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.	1 <sup>st</sup> July, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	3.35	11.56	8.17
Holland ...	7 a.m. ( " )	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	3.48	12.3	8.18
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	3.11	12.15	9.19
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	4.26	12.44	9.2
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.				

**TERMS OF SUBSCRIPTION** for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Monday,

Meteorological Office, London. 2nd July,

1906.

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.	Rainfall.	
At 32° Fahr. 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.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	29.85	49	SW	4	0	29.81	+1.0	52	49	-2	SW	4	0	2	59	45	*	*	0.04	
	Hernösand ...	29.70	49	Z	0	C	30.00	+2.7	53	46	+4	WNW	4	0	2	52	41	*	*	-	
	Stockholm ...	29.72	49	E	2	7	30.11	+3.7	56	50	+4	WNW	2	0	2	59	45	*	*	0.04	
	Wisby...	29.96	54	WSW	6	7	30.14	+3.0	58	56	+4	W	4	0	2	59	45	*	*	-	
	Karlstad ...	29.91	53	W	2	7	30.06	+5.3	54	52	+6	SW	4	0	2	59	45	*	*	0.87	
	Færder (X'ania Fjord)	29.90	59	Z	0	7	30.02	+4.1	57	50	+7	S	3	0	2	59	50	*	*	-	
	Bodö ...	29.77	45	W	4	7	29.93	+2.4	43	41	-3	ESE	4	0	3	48	41	*	*	0.24	
	Christiansund ...	29.94	47	W	4	0	30.04	+2.3	49	45	+3	SSW	3	0	3	50	45	*	*	0.08	
Skudesnaes ...	30.03	50	NNW	4	C	30.12	+2.7	49	46	+3	NNW	4	0	2	54	41	b, c	*	-		
BRITISH ISLANDS.	Sumburgh Head	30.04	46	NW	3	C	30.02	+1.07	47	42	+4	W	2	0	3	48	43	c	*	-	
	Stornoway ...	30.09	53	ENE	2	7	30.06	00	46	44	0	W	1	0	1	55	39	o, b	5.0	-	
	Malin Head ...	30.02	52	E	3	C	30.05	+1.03	53	53	0	NE	2	0	3	57	50	c	*	-	
	Blacksod Pt. ...	29.94	57	NE	4	7	30.03	+1.08	55	54	0	NNE	4	0	3	59	54	c, 7	*	0.13	
	Valencia ...	29.95	59	W	2	bcv	30.02	+1.06	59	54	+4	Z	0	0	2	61	50	c, bcv	4.5	0.06	
	Roche's Point ...	29.98	58	SW	3	C	30.04	+1.02	54	53	-1	SE	2	0	3	59	53	o, c	*	0.28	
	Birr Castle ...	29.95	57	SSE	4	0	30.04	+1.05	55	54	0	S	3	0	2	55	53	+1.0	0.0	0.39	
	Donaghadee ...	30.07	51	S	2	7	30.07	+1.01	51	51	-2	S	2	0	2	56	50	o, 7	*	0.19	
	Liverpool Obsy...	30.10	55	NW	1	7	30.11	+1.03	56	54	0	E	1	0	2	62	53	bc, p	*	0.05	
	Holyhead ...	30.07	57	SSW	1	mp	30.08	+1.03	55	53	-3	SW	2	0	2	60	52	o, mp	*	0.03	
	Pembroke (St. Ann's Hd.)	30.07	54	SW	1	7	30.07	+1.01	55	54	0	SSE	2	0	3	59	51	-	3.1	0.05	
	Scilly (St. Mary's) ...	30.06	58	S	3	07	30.01	-1.10	56	54	+2	SE	3	0	2	64	54	o, 7	1.8	-	
	Jersey (St. Aubins) ...	30.12	61	NW	3	7	30.08	-1.07	60	56	+2	E	4	0	3	64	52	bc, c, mp	12.5	-	
	Portland Bill ...	30.09	56	SW	4	0	30.07	-1.04	56	54	+2	ENE	2	0	2	58	52	c, o	*	-	
	Dungeness ...	30.08	59	SSW	3	bc	30.10	+1.01	59	56	+2	ENE	3	0	1	63	44	bc	7.8	-	
	Wick ...	30.08	50	WSW	2	bc	30.03	+1.01	52	49	+6	W	1	0	1	54	41	-	*	-	
	Nairn ...	30.05	55	ENE	2	bc	30.04	-1.03	50	48	+4	W	1	0	1	59	36	-	*	-	
Aberdeen ...	30.11	50	SSE	2	C	30.07	00	55	52	+8	S	2	0	2	55	47	o, c, bc	6.5	-		
Leith ...	30.05	57	NE	2	7	30.07	+1.01	55	52	+2	E	1	0	2	59	50	-	*	-		
North Shields ...	30.10	52	SE	3	C	30.09	+1.04	52	51	-1	SSE	2	0	1	55	49	c	*	0.05		
Spurn Head ...	30.08	55	E	4	C	30.10	+1.06	55	53	-1	SSE	4	0	3	60	55	-	*	-		
Yarmouth ...	30.08	58	ENE	3	C	30.13	+1.09	57	54	+3	E	4	0	3	61	53	c	*	-		
Clacton-on-Sea ...	30.08	60	ESE	2	C	30.12	+1.05	59	55	+3	E	2	0	2	62	54	c, bc, bcv	5.1	-		
Nottingham ...	30.07	59	SSE	1	0	30.11	+1.03	58	55	+7	SSE	1	0	2	64	51	o	1.3	-		
Bath ...	30.08	60	W	2	bc	30.05	-1.06	55	53	-4	NE	1	0	2	64	46	-	6.2	-		
Oxford ...	30.10	60	Z	0	C	30.12	+1.02	59	55	+3	S	1	0	2	66	47	bc, c	*	-		
London (St. James' Park)	30.06	64	NNE	1	C	30.11	+1.03	60	58	+3	ESE	1	0	2	65	52	bc, c, bcv	6.5	-		
GERMANY, & C.	The Scaw (Skagen)	29.97	53	W	5	7	30.10	+1.36	53	48	+3	W	5	0	1	57	48	*	*	-	
	Fanö ...	30.14	48	NW	1	7	30.21	+1.22	54	50	+3	SW	1	0	2	57	46	*	*	-	
	Cuxhaven ...	30.11	59	NW	3	7	30.20	+1.14	54	48	-1	E	2	0	2	61	48	*	*	-	
	The Helder ...	30.09	58	NE	2	7	30.18	+1.12	57	51	-2	ENE	2	0	2	59	54	*	*	-	
	Brussels ...	30.11	63	SSW	1	7	30.11	-1.01	57	55	+2	NNE	1	0	2	68	48	*	*	-	
	Berlin ...	30.11	63	SSW	1	7	30.18	+1.03	61	54	+4	SE	1	0	2	72	54	*	*	-	
	Frankfurt ...	30.08	59	N	1	7	30.10	-1.03	57	53	0	N	1	0	2	70	52	*	*	-	
Munich ...	30.08	55	NE	4	7	30.08	-1.01	55	51	0	E	5	0	2	64	43	*	*	-		
FRANCE.	C. Gris Nez ...	30.12	59	W	2	7	30.14	+1.03	56	54	0	NNE	1	0	2	63	48	*	*	-	
	Brest ...	30.08	61	NNE	3	0	30.03	-1.13	57	53	+7	E	3	0	2	64	45	*	*	-	
	Lorient ...	30.08	63	W	3	C	30.01	-1.12	56	53	-1	E	3	0	2	79	48	*	*	-	
	Rochefort ...	30.06	68	NW	4	7	30.03	-1.05	64	55	+2	ESE	3	0	2	79	55	7	*	-	
	Biarritz ...	30.11	68	NW	2	7	30.00	?	63	60	?	SSW	1	0	0	72	57	*	*	-	
	Paris ...	30.07	65	NE	1	0	30.09	-1.05	56	54	+3	Z	0	0	2	70	47	*	*	-	
	Belfort...	29.96	66	ENE	4	C	30.02	-1.02	55	51	+3	E	4	0	2	69	47	*	*	-	
Lyons ...	29.98	69	N	2	bc	30.05	-1.01	60	52	+4	NE	1	0	2	75	60	*	*	-		
Nice ...	29.87	69	SE	3	C	29.94	+1.10	70	61	-1	Z	0	0	1	75	61	*	*	-		
Perpignan ...	29.95	77	NW	2	C	29.99	-1.02	68	60	+1	NW	2	0	2	83	56	*	*	-		
SPAN. PEN.	Corunna ...	30.05	61	N	5	C	30.06	+1.02	65	58	+1	N	5	0	2	72	59	*	*	-	
	Lisbon ...	30.05	61	N	5	C	30.06	+1.02	65	58	+1	N	5	0	2	72	59	*	*	-	
	Azores (P. Delgada)	30.3W	70	NW	2	0	30.35	+1.01	67	65	0	NW	3	0	1	75	66	*	*	0.04	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +.03 in., but for Sumburgh Head +.04 in.; for stations South of Malin Head and North Shields +.02 in., but for Scilly and Jersey +.01 in.

(b) 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, 2<sup>ND</sup> JULY, 1906.

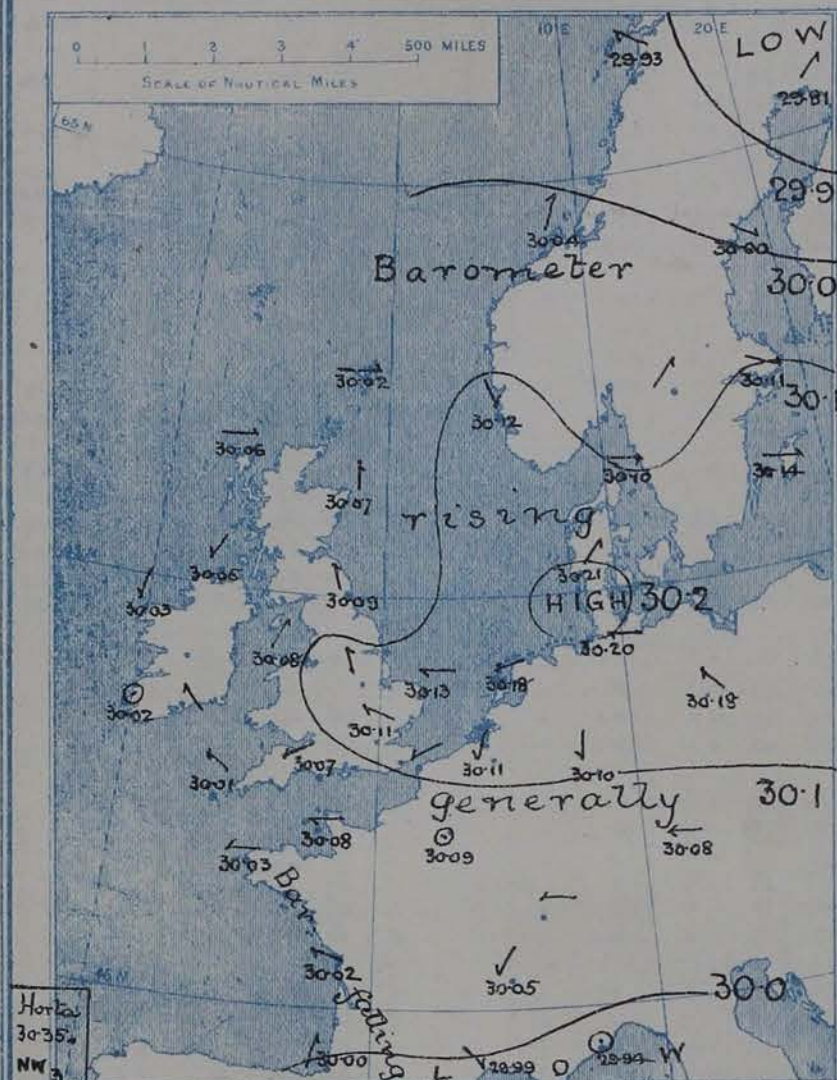
## I. BAROMETER, WIND AND SEA. This Morning.

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

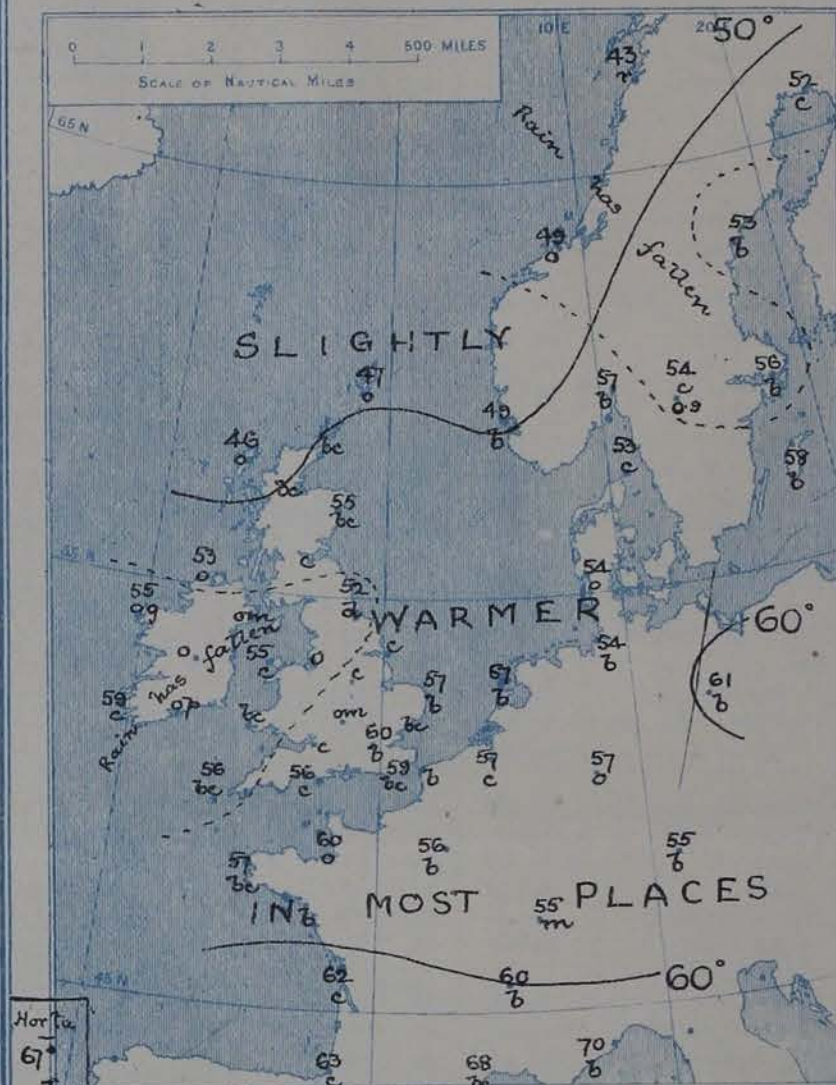


## II. TEMPERATURE AND WEATHER. This Morning.

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

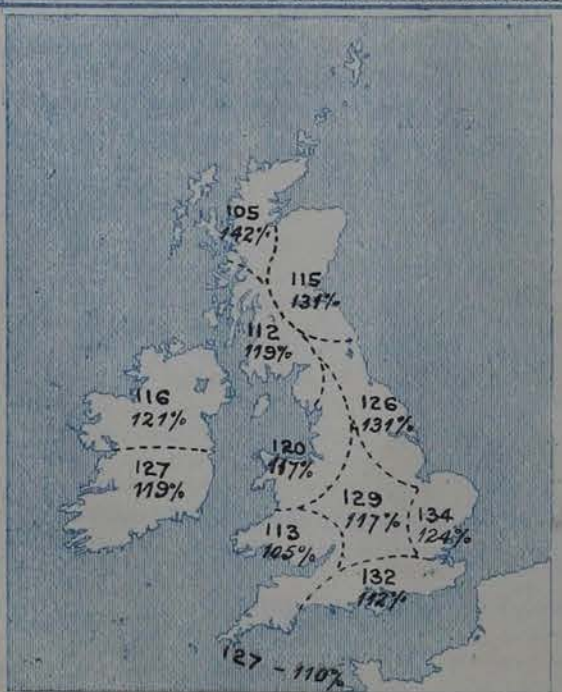
Yesterday morning.



## IV. ACCUMULATED TEMPERATURE ABOVE 42°.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 23<sup>RD</sup> JUNE, with the percentage of the average for the corresponding week.

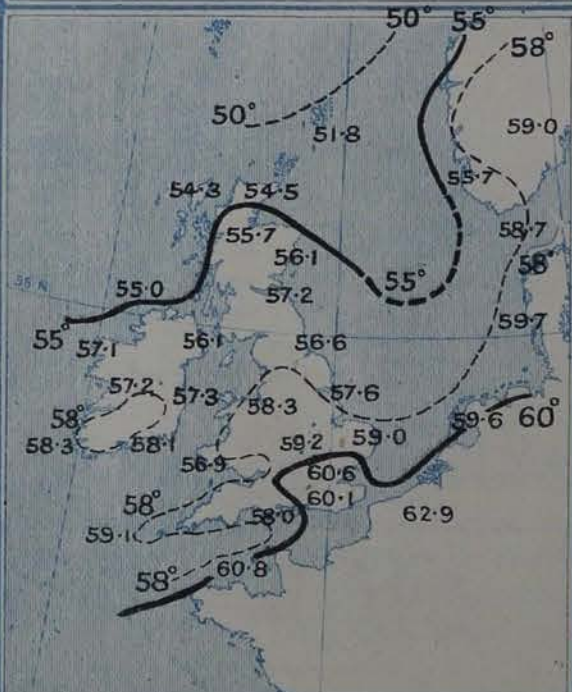
Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period  
JUNE-JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The distribution of atmospheric pressure over our area has become unusually uniform, the majority of the barometer readings being between 30.0 ins. and 30.1 ins. The central space of a small anticyclone, with the mercury at 30.2 ins., is found over Heligoland Bay, and a low pressure area is indicated over the extreme northern portion of Russia, the barometer at Haparanda reading 29.81 ins. There is practically no gradient.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

SW<sup>3</sup> to NW<sup>2</sup> breezes prevail over the northern half of our area, NE<sup>2</sup> to SE<sup>2</sup> elsewhere. A fresh breeze is reported at Hagen and Munich, moderate to very light in all other localities. Temperature has risen nearly everywhere. The present values range from 46° at Skenesway, 47° at Sumburgh Head and 50° at Nain to 59° or 60° at several of our southern stations; from 43° at Bodo and 49° at Christiansund and Skudesnæs to 68° at Vorpignan and 70° at Nice. Fair to very fine weather prevails generally, but the sky is overcast at some of our western and northern stations, showers are falling at Rocher Point and Shields, and rain at Bodo. The sea is slight to very smooth on all coasts.

During yesterday temperature rose to 68° at Worthing, 67° at Margate and Manchester, and 66° at Oxford, but in many parts of the kingdom the maxima were below 60°, and at Sumburgh Head as low as 48°. A night minimum of 36° was registered at Nain. The duration of bright sunshine varied greatly, Bir Castle had none, Birmingham 1 hour, and Jersey 12.5 hours.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The North Sea anticyclone seems inclined to expand westward across these Islands, and a continuation of fair to fine weather is probable, with an easterly current in the south.

## FORECASTS\*

For the 24 hours ending at NOON on 3<sup>rd</sup> JULY, 1906.

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

Light W<sup>2</sup> breezes; fair, cloudy;  
warmer.

1 { SCOTLAND  
EAST

Light Variable breezes; fair or  
fine; warmer

2 { ENGLAND  
N.E.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

5 { ENGLAND  
SOUTH

Light E<sup>2</sup> and Variable breezes;  
generally fair or fine; warmer.

### DISTRICTS.

### FORECASTS.

6 { SCOTLAND  
WEST

Light W<sup>2</sup> and Variable breezes;  
fair, cloudy; warmer.

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

Light SE<sup>2</sup> to NE<sup>2</sup> and Variable breezes;  
generally fair or fine; warmer.

### WARNINGS

NONE ISSUED.

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

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

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



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...			*			Brighton ... ..	63	49	*	11.4	-
Blackpool, to 9 p.m. ...	61	51	b, bc, o	9.8	-	† Eastbourne, to 6 p.m. ...	61	52	bc, b, bc	11.2	-
Southport, to 9 p.m. ...	64	52	o, bc, o	9.1	0.01	Bexhill-on-Sea, to 9 p.m.	62	50	*	9.2	-
† Rhyl, to 6 p.m. ...	60	48	b, r	6.5	0.01	† Hastings ... ..	*	*	*	9.8	*
Llandudno, to 9 p.m. ...	62	52	bcp	4.7	-	† Folkestone, to 6 p.m. ...	62	44	o, b, bc	10.0	-
Bettws-y-Coed, to 6 p.m.						Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m. ...	62	48	c, o, og	3.0	-	Margate, to 6 p.m. ...	67	47	b	10.0	-
Aberystwyth, to 6 p.m. ...	59	52	c, o	4.0	-	Lowestoft, to 6 p.m. ...	60	48	c, b, c	4.7	-
Plymouth, to 9 p.m. ...						† Skegness ... ..	60	44	?	6.2	-
Torquay, to 6 p.m. ...	64	44	*	6.7	-	Scarborough, to 6 p.m. ...	59	48	*	8.5	-
† Bournemouth, to 6 p.m. ...	62	42	*	4.7	-	Harrogate, to 6 p.m. ...	62	46	c, b, c	4.8	-
Bognor, to 6 p.m. ...	*	*	bc	10.0	*	Darwen, to 9 p.m. ...					
Worthing ... ..	68	56	*	10.1	-	Manchester, to 9 p.m. ...	67	48	c, b, r, bc	8.5	0.01
						Birmingham, to 9 p.m. ...	60	43	c, o	1.0	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.</i>	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	<i>Observations not received.</i>				Rome ... ..	<i>Observations not received.</i>			
Aix-la-Chapelle... ..					Naples ... ..				
Copenhagen ... ..					Malta ... ..				
Oxö (Christiansand)... ..					Geneva <i>30<sup>th</sup> June, 1906.</i>	<i>1 p.m.</i>		<i>1 p.m.</i>	Measured
St. Petersburg ... ..					64	*	3	7 a.m.	0.55
Vienna ... ..					Berne ... ..	61	*	0	0.04
Buda-Pesth ... ..					Lucerne ... ..	61	*	bc	0.20
Hermanstadt ... ..					Coire... ..	59	*	3	0.20
Trieste ... ..					St. Gotthard ... ..	37	*	3	0.35
Florence ... ..					Lugano ... ..	82	*	3	0.83

## 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 ... ..	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ... ..	7 a.m. ( " " )	7 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.
Belgium ... ..	7 a.m. (West European)	7 a.m.	Not published	—
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.

2 <sup>ND</sup> JULY, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.36	11.57	8.17
Greenwich ... ..	3.49	12.44	8.18
Wick ... ..	3.12	12.16	9.19
Valencia ... ..	4.27	12.45	9.2

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Tuesday, Meteorological Office, London. 3rd. July,

1906.

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.	Rainfall.	
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Max.	Min.				
SCANDINAVIA.	Haparanda...	Ins.	52	Z	0	bc	30.20	+39	53	48	+1	SW	4	C	4	63	48	*	*	—	
	Hernösand...	30.09	55	SW	2	b	30.16	+16	54	50	+1	S	2	b	3	66	37	*	*	—	
	Stockholm...	30.19	55	SSE	2	b	30.26	+15	59	51	+3	W	2	0	4	64	46	*	*	—	
	Wisby...	30.19	54	WSW	4	b	30.28	+14	60	55	+2	WSW	4	b	4	61	50	*	*	—	
	Karlstad...	30.18	55	SW	4	0	30.23	+17	53	49	-1	SW	4	C	4	*	*	*	*	—	
	Færder (X'ania Fjord)	30.08	58	SSW	6	b	30.17	+15	55	47	-2	S	5	b	3	57	54	*	*	—	
	Bodö...	30.04	45	SW	5	+	30.23	+30	52	45	+9	S	2	C	1	52	41	*	*	—	
	Christiansund...	30.07	50	SW	2	0	30.05	+01	50	47	+1	S	1	+	2	52	48	*	*	0.08	
Skudesnaes...	30.17	51	WSW	2	C	30.19	+07	52	51	+3	S	6	0	3	54	41	b, c	*	—		
BRITISH ISLANDS.	Sumburgh Head	30.00	49	W	2	0	30.02	00	50	49	+3	W	2	0	4	52	46	C, 0	*	0.05	
	Stornoway...	30.05	53	W	2	0	30.09	+03	52	51	+6	W	1	0	1	55	46	0	1.8	0.01	
	Malin Head...	30.09	52	NE	2	C	30.16	+11	55	52	+2	NW	2	0	3	55	53	C	*	—	
	Blacksod Pt. ...	30.12	55	NNE	3	b	30.21	+18	56	55	+1	NNW	2	Cg	2	58	46	bc, b	*	—	
	Valencia...	30.09	59	Z	0	0/p	30.19	+17	57	53	-2	NE	2	bc	3	63	53	0.07	2.1	0.11	
	Roche's Point...	30.10	58	S	3	C	30.17	+13	56	55	+2	N	2	Cp	1	60	50	0, c	*	0.04	
	Birr Castle...	30.08	59	Z	0	+	30.22	+18	55	52	0	NW	2	b	3	63	49	0, +, b	0.0	0.07	
	Donaghadee...	30.06	58	SSW	2	C	30.16	+09	51	49	0	N	3	C	3	59	49	bc, m	*	0.27	
	Liverpool Obsy...	30.11	56	Z	0	0	30.16	+05	58	53	+2	W	1	0	1	62	53	om	*	0.01	
	Holyhead...	30.10	59	WSW	2	bc	30.14	+06	57	56	+2	W	1	0	1	63	53	C, bc	*	—	
	Pembroke (St. Ann's Hd.)	30.08	61	WNW	1	b	30.13	+06	60	56	+5	NNE	1	C	2	62	51	bc, b	10.9	—	
	Scilly (St. Mary's)	30.05	59	ENE	1	bc	30.11	+10	57	54	+1	NNE	2	bc	1	64	54	C, bc	9.4	—	
	Jersey (St. Aubins)	30.03	66	NE	3	b	30.07	-01	62	59	+2	ENE	2	bc	2	70	56	bc, cm, bm	12.7	—	
	Portland Bill...	30.06	59	ENE	2	bc	30.09	+02	61	56	+5	NE	4	bm	3	62	50	bc	*	—	
	Dungeness...	30.07	60	NE	5	bc	30.07	-03	60	58	+1	NE	4	C	3	63	56	b, bc	12.3	—	
	Wick...	30.04	56	W	1	bc	30.07	+04	55	52	+3	W	1	0	1	62	48	—	*	—	
	Nairn...	30.04	59	E	1	C	30.10	+06	56	51	+6	WSW	3	C	1	66	44	—	*	—	
Aberdeen...	30.03	55	S	2	C	30.11	+04	57	51	+2	NW	1	b	1	60	46	C, 0, b	4.3	0.06		
Leith...	30.06	56	SW	2	0	30.13	+06	61	57	+6	W	2	bc	2	61	53	p, 0	*	0.28		
North Shields	30.08	56	NE	2	0	30.12	+03	58	55	+6	SW	2	C	2	58	50	7, 0, p, 0	*	0.16		
Spurn Head...	30.10	57	SE	2	C	30.15	+05	59	56	+4	SE	3	C	3	61	54	—	*	—		
Yarmouth...	30.13	59	E	4	b	30.14	+01	58	55	+1	ENE	4	b	3	61	55	b	*	—		
Clacton-on-Sea...	30.11	59	NE	3	b	30.13	+01	60	57	+1	NE	3	bc	3	62	51	bc, b	13.4	—		
Nottingham...	30.09	65	SSE	1	0	30.14	+03	62	54	+4	ESE	1	b	*	70	50	b, 0	5.1	—		
Bath...	30.08	66	SE	1	bc	30.14	+09	62	57	+7	NE	1	b	*	68	50	—	4.4	—		
Oxford...	30.10	62	ESE	1	0	30.15	+03	60	55	+1	NNE	1	b	*	69	49	cm, 0, bc	*	—		
London (St. James' Park)	30.08	63	E	2	bc	30.12	+01	60	56	0	NE	1	bc, m	*	67	52	b, bc	6.5	—		
GERMANY, & C.	The Scaw (Skagen)	30.19	54	W	2	b	30.21	+11	53	48	0	SW	3	bc	1	59	48	*	*	—	
	Fanö...	30.23	48	NW	1	b	30.26	+05	53	49	-1	NE	2	bc	*	59	43	*	*	—	
	Cuxhaven...	30.16	63	N	2	bc	30.19	-01	59	56	+5	NE	2	b	*	64	54	*	*	—	
	The Helder...	30.15	59	NE	4	b	30.17	-01	59	56	+2	ENE	3	b	3	59	55	*	*	—	
	Brussels...	*	*	*	*	*	30.09	-02	61	57	+4	NNE	1	C	*	74	51	*	*	—	
	Berlin...	30.15	67	Z	0	b	30.19	+01	62	57	+1	SE	2	C	*	75	55	*	*	—	
	Frankfurt...	30.07	63	Z	0	b	30.10	00	61	54	+4	NE	2	b	*	72	54	*	*	—	
Munich...	30.04	59	NE	3	b	30.08	00	59	56	+4	SE	4	b	*	66	48	*	*	—		
FRANCE.	C. Gris Nez...	30.12	56	NE	2	b	30.10	-04	58	57	+2	ENE	4	bc	3	64	55	*	*	—	
	Brest...	29.99	69	ENE	4	b	30.07	+04	58	56	+1	SE	3	m	2	75	52	*	*	—	
	Lorient...	29.99	73	Z	0	b	30.01	00	52	48	-4	N	3	C	2	75	45	*	*	—	
	Rochefort...	29.97	69	NW	3	bc	29.98	-05	65	58	+3	E	3	0	*	88	48	bc	*	—	
	Biarritz...	29.98	65	W	3	0	30.04	+04	62	61	-1	WSW	2	0	0	72	57	22, 0	*	0.35	
	Paris...	30.02	70	ENE	2	b	30.03	-06	61	56	+5	ENE	1	C	*	75	54	*	*	—	
	Belfort...	29.91	75	NE	4	m	30.00	-02	59	53	+4	ENE	2	0	*	77	51	*	*	—	
	Lyons...	29.91	77	NE	1	C	30.03	-02	61	57	+1	ESE	1	0	*	71	60	*	*	—	
Nice...	29.97	71	SW	3	bc	30.02	+08	70	63	0	WSW	2	C	0	81	70	*	*	—		
Perpignan...	29.96	66	NW	2	+	29.99	00	63	62	-5	W	2	+	*	76	61	*	*	0.79		
SPAN. PEN.	Corunna...	30.07	63	NNW	4	0	30.07	+01	66	57	+1	NNE	4	b	*	72	59	*	*	—	
	Lisbon...	30.07	63	NNW	4	0	30.07	+01	66	57	+1	NNE	4	b	*	72	59	*	*	—	
	Azores (P. Delgada)	30.41	67	NE	3	0	30.42	+07	66	64	-1	NE	4	0	2	77	64	*	*	0.28	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +.03 in., but for Sumburgh Head +.04 in.; for stations South of Malin Head and North Shields +.02 in., but for Scilly and Jersey +.01 in.

(b) 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, 3<sup>RD</sup> JULY, 1906.

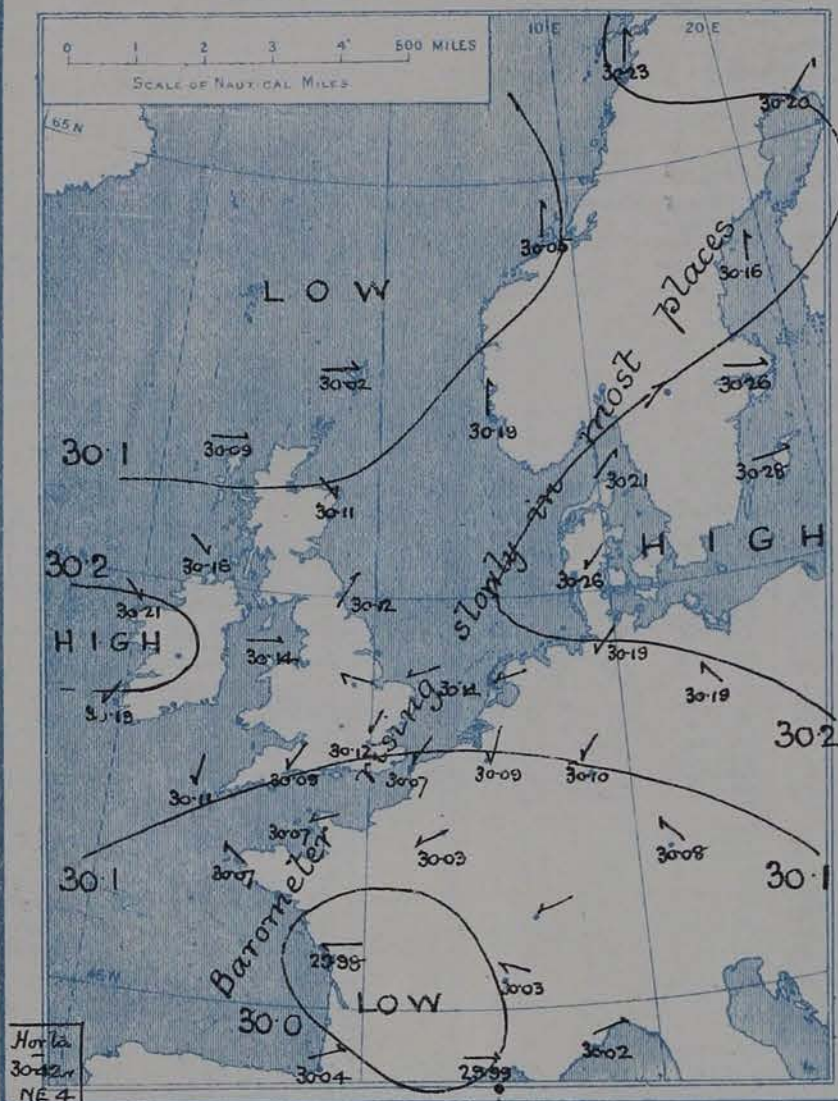
## I. BAROMETER, WIND AND SEA. *This Morning.*

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.*

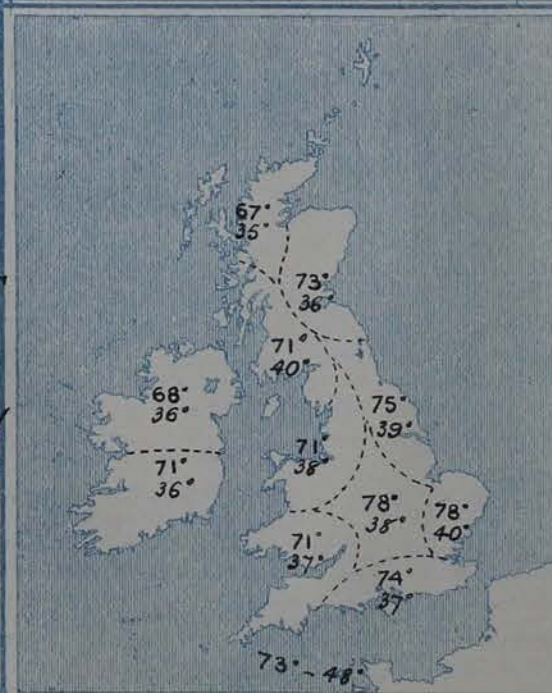


## IV. EXTREMES OF TEMPERATURE

*recorded*

*in various districts of the United Kingdom*

*during the week ended Saturday, 30<sup>TH</sup> JUNE.*

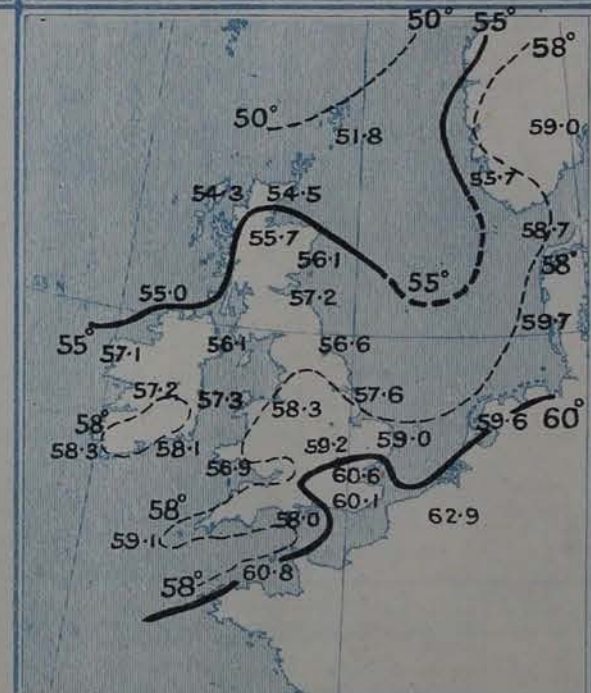


## V. Averages of DAILY TEMPERATURE

*at 8 A.M. for the monthly period*

**JUNE-JULY**

*(Derived chiefly from Observations extending over the 35 Years 1871-1905.)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

A broad band of high atmospheric pressure this morning extends across these Islands from the Atlantic to the Baltic, Russia, and to northern Scandinavia, most of the barometer readings being above 30.2 ins. A shallow depression, with readings slightly below 30 ins., lies over the southwestern quarter of France. The gradients are very slight.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The winds are in accordance with the general distribution of pressure. On the northern side of the high pressure a W. to S. current extends from our northwest coast across the North Sea to northern Scandinavia, blowing rather freely along the south coast of Norway. On the southern side of the high pressure NE. to E. breezes are reported, while in the south of France a light W. current is experienced. Over Central Germany the direction is SE. Temperature has risen at nearly the whole of the home and foreign stations. The values range from 50° at Seemburgh Head, 51° at Donaghadee and 52° at Bornoway to between 60° and 62° at many stations in England and in the south of Scotland, from between 50° and 52° at the Danish and most of the Scandinavian stations, and 52° at Lorient to 65° at Rochefort and 70° at Nice. Throughout our area the weather varies from very fine and clear to overcast, with a gloomy appearance on the coast of Mayo. Showers are falling at Rockpoint, rain at Christiansund and Papiernaw. The sea is moderate off the Shetlands, slight to very smooth on all other coasts.

During yesterday temperature rose to 60° and upwards at nearly all stations, to 70° at Jersey & Nottingham. Rain was experienced at most stations in Scotland and Ireland, 0.3 in. at Leith and Donaghadee. The duration of bright sunshine was very variable, varying from none at Birr Castle, Ballysodare, Aburghoyth, Manchester and Harrogate to 13.9 hours at Looe and 14.7 hours at Bournemouth.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Pressure is increasing very slowly over the whole of our area, and there are no indications of any important modification in the prevailing anticyclonic conditions. There is a general tendency for a further increase of temperature.

## FORECASTS\*

For the 24 hours ending at NOON on 4<sup>TH</sup> JULY, 1906.

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	Light variable Westerly breezes; generally fair or fine; warmer.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Light variable breezes; fine generally; warmer.
3	ENGLAND EAST	Light variable North-Easterly to Easterly breezes; fine; warmer.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	Light variable North-Westerly to Westerly breezes; generally fair or fine; warmer.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Same as Nos. 3 to 5.
9	IRELAND NORTH	Same as Nos. 6 and 7.
10	IRELAND SOUTH	Same as Nos. 3 to 5.

### 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.



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	63	40	*	11.0	—	†Brighton ... ..	68	44	*	12.3	—
Blackpool, to 9 p.m. ...	62	51	r, o, c, o	0.6	0.10	†Eastbourne, to 6 p.m. ...	62	46	bc, b, bc	13.6	—
Southport, to 9 p.m. ....	64	51	ov, og, o	0.4	0.09	Bexhill-on-Sea, to 9 p.m. ...	64	50	*	12.5	—
†Rhyl, to 6 p.m. ... ..	60	52	bt, o, r, o	0.1	0.06	†Hastings ... ..	*	*	*	13.5	*
Llandudno, to 9 p.m. ...	61	52	bcp	0.9	0.07	†Folkestone, to 6 p.m. ...	65	45	b	14.7	—
Bettws-y-Coed, to 6 p.m. ...	62	51	cp, c	0.0	—	Broadstairs, to 6 p.m. ...	*	*	*	12.0	*
Towyn, to 6 p.m. ... ..	65	53	o, c, o	1.7	0.01	†Margate, to 6 p.m. ...	64	48	b	13.0	—
Aberystwyth, to 6 p.m. ...	60	52	c, o	0.0	—	†Lowestoft, to 6 p.m. ...	60	52	bc, b	13.9	—
Plymouth, to 9 p.m. ...	64	52	bc	9.4	—	†Skegness ... ..	62	53	b, c	11.1	—
Torquay, to 6 p.m. ... ..	63	54	*	7.0	—	Scarborough, to 6 p.m. ...	56	50	*	1.1	0.14
†Bournemouth, to 6 p.m. ...	68	46	*	8.5	—	†Harrogate, to 6 p.m. ...	60	50	c, d, o, c, d	0.0	0.10
Bognor, to 6 p.m. ... ..	*	*	*	11.9	*	Darwen, to 9 p.m. ... ..	63	50	om, b, r, om	0.8	0.20
†Worthing ... ..	65	61	*	11.8	—	Manchester, to 9 p.m. ...	64	52	or, om	0.0	0.04
						Birmingham, to 9 p.m. ...	63	52	o	0.2	—

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 2 <sup>nd</sup> July 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	66	52	c, b	—	Rome ... ..	83	66	bc, b	—
Aix-la-Chapelle ... ..	66	54	bc, bc	—	Naples ... ..	81	67	b, b	0.04
Copenhagen ... ..	59	46	b, c	0.04	Malta ... ..	82	59	b	—
Oslo (Christiansand) ... ..	59	46	bc, bc	—	Geneva 1 <sup>st</sup> July 1906. 1 p.m. Observations not received. Measured 7 a.m.				
St. Petersburg ... ..	66	54	b, b	—	Berne ... ..	*	*	*	*
Vienna ... ..	64	55	o, c	—	Lucerne ... ..	*	*	*	*
Buda-Pesth ... ..	64	57	o, b	0.12	Coire ... ..	*	*	*	*
Hermanstadt ... ..	77	61	c, r	0.12	St. Gotthard ... ..	*	*	*	*
Trieste ... ..	70	61	b, bc	—	Lugano ... ..	*	*	*	*
Florence ... ..	82	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.

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	3 <sup>rd</sup> July 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ... ..	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ... ..	3.37	11.57	8.17
Holland ... ..	7 a.m. ( " )	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ... ..	3.50	12.4	8.18
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ... ..	3.14	12.16	9.18
Belgium ... ..	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ... ..	4.28	12.45	9.2
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.				

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Wednesday,

Meteorological Office, London.

4th. July,

1906.

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.	Rainfall.
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dry Bulb.	Dirac.				At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Max.				Min.				
SCANDINAVIA.	Haparanda...	Ins.	30.17	53	S	2	C	Ins.	30.15	-0.05	54	50	+1	SW	2	bc		61	45			Hours.	Ins.
	Hernösand ...	30.13	53	SW	6	b	30.11	-0.05	59	53	+5	SW	2	b		63	43						
	Stockholm ...	30.23	56	S	2	bc	30.21	-0.05	62	52	+3	SW	2	b		66	50						
	Wisby...	30.26	56	SW	2	b	30.25	-0.03	63	59	+3	WSW	4	b		63	48						
	Karlstad ...	30.19	58	SW	4	b	30.19	-0.04	55	53	+2	WSW	4	+									
	Færder (X'ania Fjord)	30.13	60	SSW	6	bc	30.13	-0.04	57	55	+2	SW	6	0	3	57	54						
	Bodö ...	30.05	50	S	3	0	30.11	-0.12	48	46	-4	S	4	0	2	55	46					0.24	
	Christiansund ...	30.09	50	SSW	3	0	30.18	+0.13	50	46	0	SW	3	0	3	54	46					0.12	
Skudesnaes ...	30.15	51	S	2	0	30.17	-0.02	51	51	-1	SW	2	+	2	52	48	0				0.08		
BRITISH ISLANDS.	Sumburgh Head	30.10	50	WNW	1	C	30.07	+0.05	51	48	+1	Z	0	0	0	53	46	0, C					
	Stornoway ...	30.14	57	WNW	3	C	30.16	+0.07	53	52	+1	SSW	1	0	1	60	50	0, C		3.5			
	Malin Head ...	30.20	56	NE	1	0	30.15	-0.01	54	54	-1	S	1	bc	2	60	52	0					
	Blacksod Pt. ...	30.23	60	NNW	2	b	30.12	-0.09	59	56	+3	WSW	2	bc	2	61	50	b					
	Valencia ...	30.20	63	NNW	2	bc	30.15	-0.04	57	55	0	SSW	1	C	3	64	48	b, bc		13.5			
	Roche's Point ...	30.20	60	S	1	C	30.19	+0.02	58	56	+2	Z	0	cf	1	61	49	C, f					
	Birr Castle ...	30.19	63	N	2	bc	30.18	-0.04	60	57	+5	Z	0	C		65	46	bc		9.6			
	Donaghadee ...	30.19	58	NNW	1	C	30.19	+0.03	54	51	+3	N	1	b	1	59	47	-					
	Liverpool Obsy...	30.18	61	NW	2	b	30.18	+0.02	56	54	-2	Z	0	C	1	65	53	b, f					
	Holyhead ...	30.19	55	NNE	1	b	30.18	+0.04	61	58	+4	NW	1	b	1	61	51	omp, b					
	Pembroke (St. Ann's Hd.)	30.16	58	NNE	4	bc	30.14	+0.01	58	55	-2	NNE	1	bm	2	65	50	bc, bf		8.7			
	Scilly (St. Mary's) ...	30.15	59	N	3	bc	30.14	+0.03	58	54	+1	NNE	2	b	1	62	55	bc		13.8			
	Jersey (St. Aubins) ...	30.07	68	NNE	3	b	30.10	+0.03	61	59	-1	ESE	3	0	3	74	58	bc, cm, ogm		11.6			
	Portland Bill ...	30.09	63	NNE	1	0	30.10	+0.01	63	55	+2	NNE	4	b	2	63	65	bc, 0					
	Dungeness ...	30.07	61	NE	5	C	30.09	+0.02	61	58	+1	NNE	3	C	2	64	54	C		1.4			
	Wick ...	30.13	52	NNW	1	D	30.16	+0.09	54	52	-1	Z	0	0	1	58	47	-				0.05	
Nairn ...	30.13	60	WSW	1	C	30.17	+0.07	53	49	-3	ESE	1	C	1	66	50	-						
Aberdeen ...	30.15	56	S	2	C	30.20	+0.09	53	51	-4	NE	1	0	2	62	50	b, bc, cf, 0		6.9		0.03		
Leith ...	30.12	66	WSW	2	bc	30.18	+0.05	60	55	-1	E	1	b	*	71	47	-						
North Shields ...	30.15	58	ENE	2	C	30.15	+0.03	60	57	+2	NW	2	cm	2	62	50	C, T				0.01		
Spurn Head ...	30.15	57	SE	4	b	30.17	+0.02	61	57	+2	E	3	bw	3	62	51	b, bw						
Yarmouth ...	30.15	61	NE	4	b	30.14	00	59	56	+1	NNE	4	b	3	63	55	b						
Clacton-on-Sea ...	30.12	61	NE	3	bc	30.13	00	60	57	0	NE	3	bc	2	64	51	bc, c, bcw		6.9				
Nottingham ...	30.13	69	E	1	b	30.17	+0.03	58	55	-4	E	1	bm	*	72	43	b		10.7				
Bath ...	30.12	70	E	2	b	30.16	+0.02	62	57	0	NE	1	b	*	72	47	-		11.4				
Oxford ...	30.15	65	E	1	C	30.16	+0.01	61	56	+1	NNE	1	b	*	72	49	bm, c						
London (St. James' Park)	30.10	67	E	3	b	30.13	+0.01	63	56	+3	NE	1	b	*	70	52	bc, b		6.6				
GERMANY, &c.	The Scaw (Skagen)	30.24	53	W	2	b	30.21	00	53	52	0	Z	0	+	0	61	50	*				0.04	
	Fanö ...	30.24	54	NW	1	b	30.20	-0.06	60	57	+7	NNW	1	b	*	66	50	*					
	Cuxhaven ...	30.15	68	NE	2	C	30.15	-0.04	61	59	+2	E	2	C	*	70	59	*					
	The Helder ...	30.19	61	NE	4	b	30.15	-0.02	61	59	+2	NE	3	b	2	61	59	*					
	Brussels ...	*	*	*	*	*	30.08	-0.01	62	59	+1	ENE	1	0	*	78	59	*					
	Berlin ...	30.15	69	SE	1	bc	30.14	-0.05	65	60	+3	SE	2	0	*	73	61	*					
	Frankfurt ...	30.09	68	N	1	0	30.08	-0.02	63	60	+2	NE	2	0	*	77	61	*				0.08	
Munich ...	30.06	65	E	1	C	30.05	-0.03	66	64	+7	SE	1	C	*	72	55	*						
FRANCE.	C. Gris Nez ...	30.11	59	ENE	4	0	30.12	+0.02	57	56	-1	NNE	4	0	4	63	55	*					
	Brest ...	30.08	64	NNE	4	m	30.10	+0.03	57	55	-1	NE	3	b	1	70	52	*					
	Lorient ...	30.08	60	E	3	0	30.04	+0.03	59	54	+7	NE	2	b	1	72	48	*				0.91	
	Rochefort ...	30.04	67	SW	3	C	30.04	+0.06	64	61	-1	S	2	bc	*	77	59	0, C				0.08	
	Biarritz ...	30.05	63	WSW	3	+	30.04	00	63	59	+1	SW	3	bc	*	66	59	*				0.24	
	Paris ...	30.02	63	SSW	1	0	30.04	+0.01	64	60	+3	ESE	1	C	*	78	57	*					
	Belfort...	30.03	64	W	2	+	30.01	+0.01	60	58	+1	E	2	m	*	75	55	*				0.08	
Lyons ...	30.04	64	E	1	b	30.04	+0.01	65	62	+4	NNW	1	C	*	65	59	*				0.55		
Nice ...	30.02	70	E	4	C	30.01	-0.01	63	60	-7	Z	0	C	8	81	55	*				0.98		
Perpignan ...	29.99	62	E	1	llr	30.04	+0.05	66	63	+3	W	2	b	*	76	59	*				0.79		
SPAN. PEN.	Corunna ...																						
	Lisbon ...	30.09	62	NNW	3	b	30.06	-0.01	64	58	-2	N	5	b	*	68	59	*					
	Azores (P. Delgada)...	30.43	67	NNE	5	b	30.43	+0.06	69	65	+2	NNE	4	C	2	73	64	*					
" (Horta) ...	30.49	68	NE	3	b	30.48	+0.06	67	65	+1	Z	0	bc	1	72	64	*						

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.3 in., but for Sumburgh Head +0.4 in.; for stations South of Malin Head and North Shields +0.2 in., but for Scilly and Jersey +0.1 in.

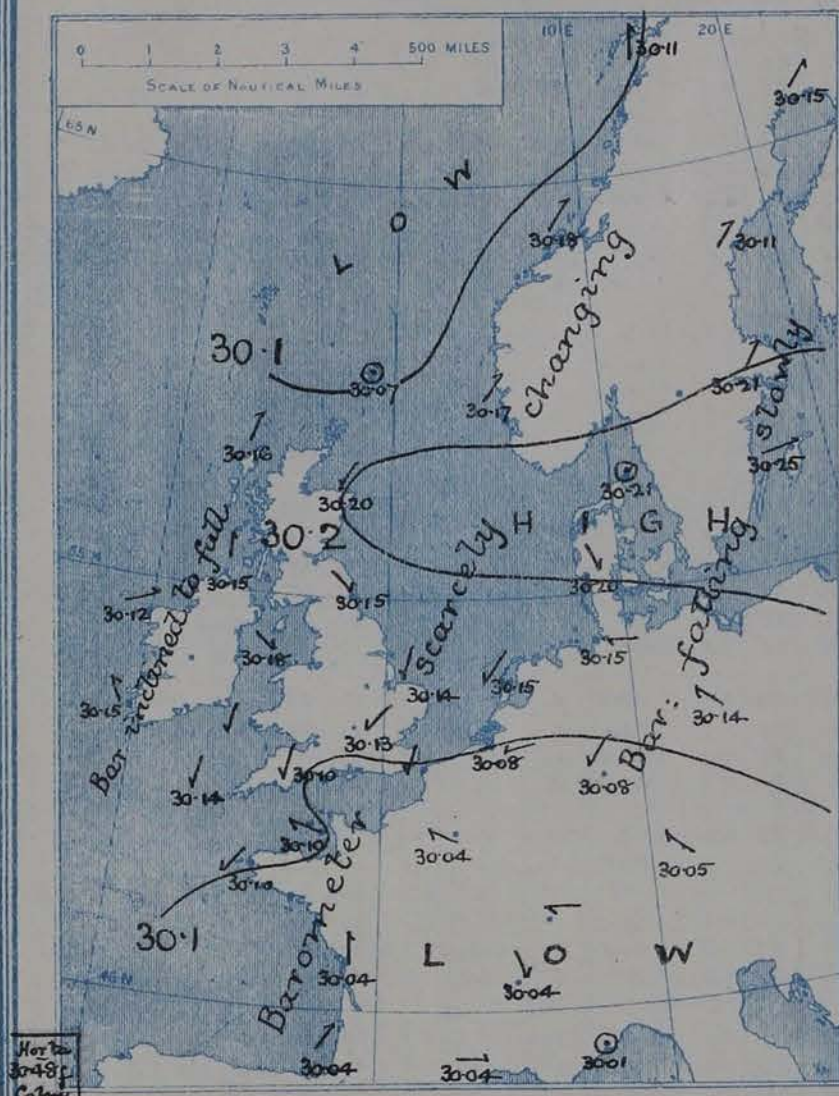
(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

\* Observations for this column not generally received.

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



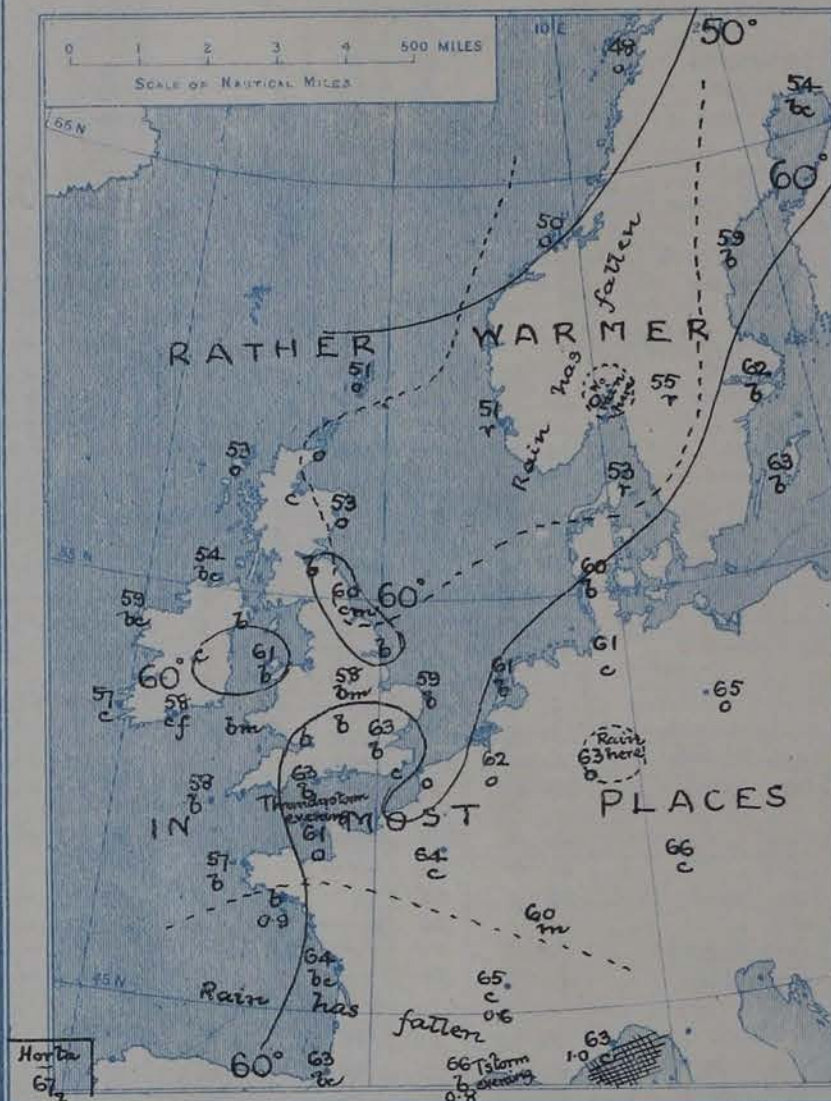
FOR WEDNESDAY, 4<sup>TH</sup> JULY, 1906.

SEA—Rough  High 

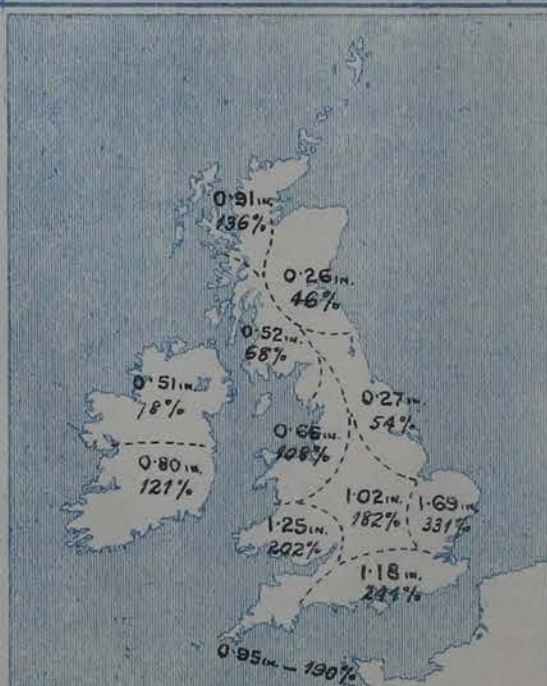
Yesterday morning.



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)*



Amount recorded  
in various districts of the United Kingdom  
during the week ended Saturday, 30<sup>th</sup> JUNE,  
with the percentage of the average amount  
for the corresponding week.



*(Derived chiefly from Observations  
extending over the 35 Years 1871-1905.)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Atmospheric pressure is now uniformly distributed throughout the area under observation, the barometer reading about 30.2 in. along a narrow ridge extending from Aberdeen to the Baltic, and nowhere are there readings as low as 30 in.; the lowest pressures being found beyond the Shetlands and on the Riviera. The gradients, consequently, are very slight.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The high-pressure ridge forms the dividing line between a SW<sup>2</sup> current over Scandinavia and a NE<sup>1</sup> to E<sup>2</sup> current over England and the neighbouring part of the Continent, the force in nearly all places being moderate to very light. In Ireland and Scotland calms and light variable breezes are reported, and a small cyclonic circulation is indicated in the Bay of Biscay. Temperature has risen at most of the home and foreign stations. The present values range from 51° or 53° in the north of Scotland to 62° at Bath and 63° at Portland Bill and in London, from 48° at Bonn and 50° at Christiansund to 65° at Berlin and Lyons, and 66° at Munich and Perpignan. The sky is overcast over northern Scotland, Norway, and between Calais and Berlin, rain is falling at Huddersfield, Skagen and Karlstad, and between Queenstown and Pembroke fog or mist is reported. Over the greater part of our area, however, fair to very fine clear weather prevails. The sea is slight to very smooth on all coasts.

During yesterday temperature rose to between 70° and 74° at several stations in England and at Leith, but in the Shetlands it did not exceed 53°. Bournemouth and Plymouth report a thunderstorm last evening, and lightning was seen at Jersey. The duration of bright sunshine was again exceedingly variable, ranging from 0.7 hour at Harrogate to 13.2 hours at Skagners, 13.5 hours at Valencia, and 13.8 hours at Rilly.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are slight indications of the occurrence of a disturbance beyond the northwestern coasts, which may occasion somewhat less settled conditions locally, but generally no important change is anticipated in the ensuing twenty-four hours.

## FORECASTS\*

For the 24 hours ending at NOON on 5<sup>TH</sup> JULY, 1906.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	{ Light or moderate Southerly to South- Westerly breezes; changeable, some showers; mild.
1	{ SCOTLAND EAST	{ Light variable to South-Westerly breezes; fine, local showers later; mild.
2	{ ENGLAND N.E.	{ Light variable North-Easterly to Easterly breezes; generally fine and warm.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as No. 0.
7	{ ENGLAND N.W.	Same as No. 1.
8	{ ENGLAND S.W.	Same as Nos. 2 to 5.
9	{ IRELAND NORTH	Same as No. 0.
10	{ IRELAND SOUTH	{ Calms and light variable breezes; generally fair or fine; local showers later; mild.

### 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.



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	63	47	*	3.1	-	†Brighton ... ..	72	54	*	6.3	-
Blackpool, to 9 p.m. ...	64	52	c, b, c, bc	11.5	-	†Eastbourne, to 6 p.m. ...	67	51	bc	2.6	-
Southport, to 9 p.m. ....	66	50	o, c, b	10.6	-	Bexhill-on-Sea, to 9 p.m.	70	54	*	5.3	-
†Rhyl, to 6 p.m. ... ..	62	46	r, o	6.2	-	†Hastings ... ..	*	*	*	4.1	*
Llandudno, to 9 p.m. ...	65	49	bc m	5.4	-	†Folkestone, to 6 p.m. ...	65	53	b, o	1.6	-
Bettws-y-Coed, to 6 p.m.						Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m. ... ..	67	45	bc, b, c	10.2	-	Margate, to 6 p.m. ...	62	56	o, b, o	4.0	-
Aberystwyth, to 6 p.m. ...	61	52	c, b, c	7.0	-	Lowestoft, to 6 p.m. ...	61	54	bc, c	12.6	-
Plymouth, to 9 p.m. ...	65	50	c, b, bc, bc	2.4	0.22	†Skegness ... ..	62	54	b	13.2	-
Torquay, to 6 p.m. ... ..	70	50	*	11.5	-	Scarborough, to 6 p.m. ....	62	52	*	4.5	-
†Bournemouth, to 6 p.m. ...	72	51	bc	8.1	0.13	†Harrogate, to 6 p.m. ...	62	51	cp, c	0.7	0.06
Bognor, to 6 p.m. ... ..	*	*			*	Darwen, to 9 p.m. ... ..	70	50	bcv	9.3	-
†Worthing ... ..	72	62	*	7.8	-	Manchester, to 9 p.m. ...	71	52	b, c, b	6.5	-
						Birmingham, to 9 p.m. ...	69	53	c	2.5	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

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

STATIONS. 3 <sup>rd</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 3 <sup>rd</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	66	54	b, bc	-	Rome ... ..	84	66	b, b	-
Aix-la-Chapelle ... ..	72	52	c, b	-	Naples ... ..	80	67	b, b	-
Copenhagen ... ..	63	54	c, bc	0.04	Malta ... ..	81	71	c	-
Oxö (Christiansand) ... ..	54	46	b, b	-	Geneva 2 <sup>nd</sup> July, 1906. 1 p.m.	68	*	bc	Measured 7 a.m.
St. Petersburg ... ..	64	50	b, c	-	Berne ... ..	72	*	b	-
Vienna ... ..	66	52	b, bc	-	Lucerne ... ..	72	*	b	-
Buda-Pesth ... ..	72	57	b, b	-	Coire ... ..	70	*	b	-
Hermanstadt ... ..	70	59	o, o	0.16	St. Gotthard ... ..	52	*	b	-
Trieste ... ..	75	64	b, b	-	Lugano ... ..	75	*	b	-
Florence ... ..	86	64	b, b	-					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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 ... ..	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ... ..	7 a.m. ( " )	7 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.
Belgium ... ..	7 a.m. (West European)	7 a.m.	Not published	—
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.

4 <sup>th</sup> July, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.38	11.57	8.16
Greenwich ... ..	3.51	12.4	8.17
Wick ... ..	3.15	12.16	9.17
Valencia ... ..	4.29	12.45	9.1

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Thursday, Meteorological Office, London. 5th, July,

1906.

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.	Rainfall.	
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M.S.L.		Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.		Min.					
SCANDINAVIA.	Haparanda...	30.10	55	S	2	b	30.14	-0.01	57	54	+3	SW	2	b		59	50				
	Hernösand...	30.08	60	Z	0	c	30.13	+0.02	58	54	-1	E	2	c		60	43				
	Stockholm...	30.18	58	SW	2	r	30.18	-0.03	62	57	0	SE	2	o		70	54				
	Wisby...	30.20	60	E	2	b	30.14	-0.11	70	60	+7	Z	0	b		70	52				
	Karlstad...	30.14	58	WSW	2	o	30.15	-0.04	59	55	+4	SW	2	c				0.1		0.04	
	Færder (X'ania Fjord)	30.11	59	SSW	4	c	30.14	+0.01	60	55	+3	ENE	2	b	2	61	57				
	Bodö...	30.20	50	SW	2	c	30.26	+0.15	50	48	+2	W	2	c	2	52	45				
	Christiansund...	30.24	50	N	3	bc	30.20	+0.02	53	49	+3	ESE	3	b	3	54	45				
Skudesnaes...	30.18	53	NNW	4	b	30.16	-0.01	53	51	+2	N	4	b	2	57	45	b				
BRITISH ISLANDS.	Sumburgh Head	30.17	51	ESE	1	b	30.08	+0.01	52	48	+1	E		b	4	54	44	c, b			
	Stornoway...	30.08	61	SE	3	b	29.95	-0.21	55	53	+2	S	1	b	1	61	45	b	8.4		
	Malin Head...	30.01	57	SE	2	bc	29.89	-0.26	56	52	+8	SW	1	o	1	63	54	bc			
	Blackod Pt.	30.00	59	SW	4	c	29.84	-0.28	58	58	-1	SSE	3	ogdp	3	64	55	bc, c, t		0.31	
	Valencia...	30.05	58	S	3	o	29.89	-0.26	58	57	+1	SW	1	tm	3	64	56	o, t	2.6	0.32	
	Roche's Point...	30.10	60	S	2	c	29.96	-0.23	56	56	-2	SSW	4	tm	4	64	56	bc, c, t		0.11	
	Birr Castle...	30.04	68	S	3	bc	29.94	-0.24	59	57	-1	S	4	o		70	52	o, bc	9.1		
	Donaghadee...	30.09	60	SSE	2	b	30.00	-0.19	55	53	+1	S	3	b	2	62	50				
	Liverpool Obsy...	30.10	62	WNW	1	c	30.01	-0.17	59	56	+3	WNW	1	b	2	63	54				
	Holyhead...	30.10	58	N	1	b	30.00	-0.18	60	55	+1	SW	1	b	1	62	50	b			
	Pembroke (St. Ann's Hd.)	30.08	63	NW	2	b	30.01	-0.13	58	55	0	SE	1	bm	1	65	51	bc, b	13.9		
	Scilly (St. Mary's)...	30.10	61	NNW	1	bc	30.01	-0.13	59	57	+1	S	1	cw	0	63	57	b, bc, cw	13.6		
	Jersey (St. Aubins)...	30.07	69	N	2	bc	30.02	-0.08	66	66	+5	WNW	2	b	2	74	56	bc, cm, b, mw	9.5		
	Portland Bill...	30.05	65	NW	3	b	30.00	-0.10	63	58	0	Z	0	bm	0	69	60	b			
	Dungeness...	30.03	66	NE	3	c	29.97	-0.12	64	60	+3	NNE	4	bc	3	68	55	c	9.0		
	Wick...	30.12	51	ENE	1	b	30.03	-0.13	52	51	-2	SSE	2	o	1	57	48				
Nairn...	30.07	58	E	3	bc	30.01	-0.16	53	51	0	E	1	o	1	64	44					
Aberdeen...	30.15	54	E	2	c	30.05	-0.15	54	52	+1	SE	1	c	2	59	49	c, bc, o, c	3.1			
Leith...	30.11	57	NE	3	bc	30.04	-0.14	53	52	-7	E	1	om		64	51					
North Shields...	30.10	55	ENE	2	c	30.04	-0.11	51	50	-9	Z	0	cm	2	62	46	c, f				
Spurn Head...	30.09	58	ESR	3	bc	30.03	-0.14	59	57	-2	ESE	2	bw	2	63	55	bc				
Yarmouth...	30.09	63	NE	4	b	30.00	-0.14	59	56	0	NE	4	b	3	64	56	b				
Clacton-on-Sea...	30.07	64	NNE	2	b	30.00	-0.13	64	58	+4	N	3	b	3	68	52	bc, bw	14.0			
Nottingham...	30.09	70	ESE	1	b	30.03	-0.14	63	58	+5	SE	1	b		74	46	b	10.9			
Bath...	30.06	72	ENE	1	b	30.02	-0.14	60	57	-2	NE	1	b		74	47		12.1			
Oxford...	30.06	68	N	1	b	30.02	-0.14	65	60	+4	Z	0	b		74	53	b				
London (St. James' Park)	30.05	70	ESE	1	bc	30.01	-0.12	66	58	+3	ENE	1	b		74	54	bc, b	10.0			
GERMANY, & C.	The Scaw (Skagen)	30.14	55	NW	1	o	30.10	-0.11	56	54	+3	Z	0	bc		61	50				
	Fanö...	30.13	58	WNW	2	bc	30.08	-0.12	58	54	-2	NE	3	bc		72	48				
	Cuxhaven...	30.07	68	N	3	b	29.99	-0.16	61	60	0	E	3	ofa		70	59				
	The Helder...	30.07	63	NE	4	b	30.00	-0.15	61	59	0	NE	4	bc	3	73	57				
	Brussels...						29.92	-0.16	62	61	0	ENE	1	o		76	56			0.59	
	Berlin...	30.02	70	Z	0	o	29.92	-0.22	70	64	+5	Z	0	c		79	63			0.04	
	Frankfurt...	30.00	64	W	4	t	29.93	-0.15	64	62	+1	S	2	o		81	63			0.04	
	Munich...	29.97	68	Z	0	c	29.94	-0.11	66	62	0	SW	2	bc		75	59			0.04	
FRANCE.	C. Gris Nez...	30.07	58	NE	3	c	29.99	-0.13	58	58	+1	NE	4	bc	4	61	54				
	Brest...	30.08	68	N	4	b	30.05	-0.05	56	55	-1	N	1	m	0	72	50				
	Lorient...	30.05	72	Z	0	b			60	56	+1	N	2	b	1	77	54			0.35	
	Rochefort...	30.05	68	NNW	2	bc	30.03	-0.01	62	61	-2	NNW	1	o		77	63	bc			
	Biarritz...	30.10	67	W	4	bc	30.11	+0.07	66	62	+3	W	4	c	2	70	59				
	Paris...	29.99	64	WNW	2	t	29.93	-0.11	60	59	-4	SSW	1	o		70	59			0.20	
	Belfort...	30.00	64	W	4	o	29.95	-0.06	58	57	-2	W	4	m		75	51			0.12	
	Lyons...	30.00	71	NNW	1	bc	29.96	-0.08	59	55	-6	N	1	o		77	58			0.12	
Nice...	30.02	68	E	4	c	29.89	-0.12	64	61	+1	Z	0	t	3	77	59			0.59		
Perpignan...	30.03	70	Z	0	o	29.98	-0.06	62	57	-4	W	3	t		77	58			0.59		
SPAN. PEN.	Corunna...																				
	Lisbon...	30.09	62	NNW	5	b	30.14	+0.08	67	59	+3	N	4	b		70	61				
	Azores (P. Delgada)...	30.46	69	N	3	b	30.42	-0.01	70	64	+1	N	4	bc	3	75	68				
„ (Horta)...	30.50	68	W	1	b	30.47	-0.01	70	66	+3	NW	2	b	1	77	64					

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.03 in., but for Sumburgh Head +0.04 in.; for stations South of Malin Head and North Shields +0.02 in., but for Scilly and Jersey +0.01 in.

(b) 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, 5<sup>TH</sup> JULY, 1906.

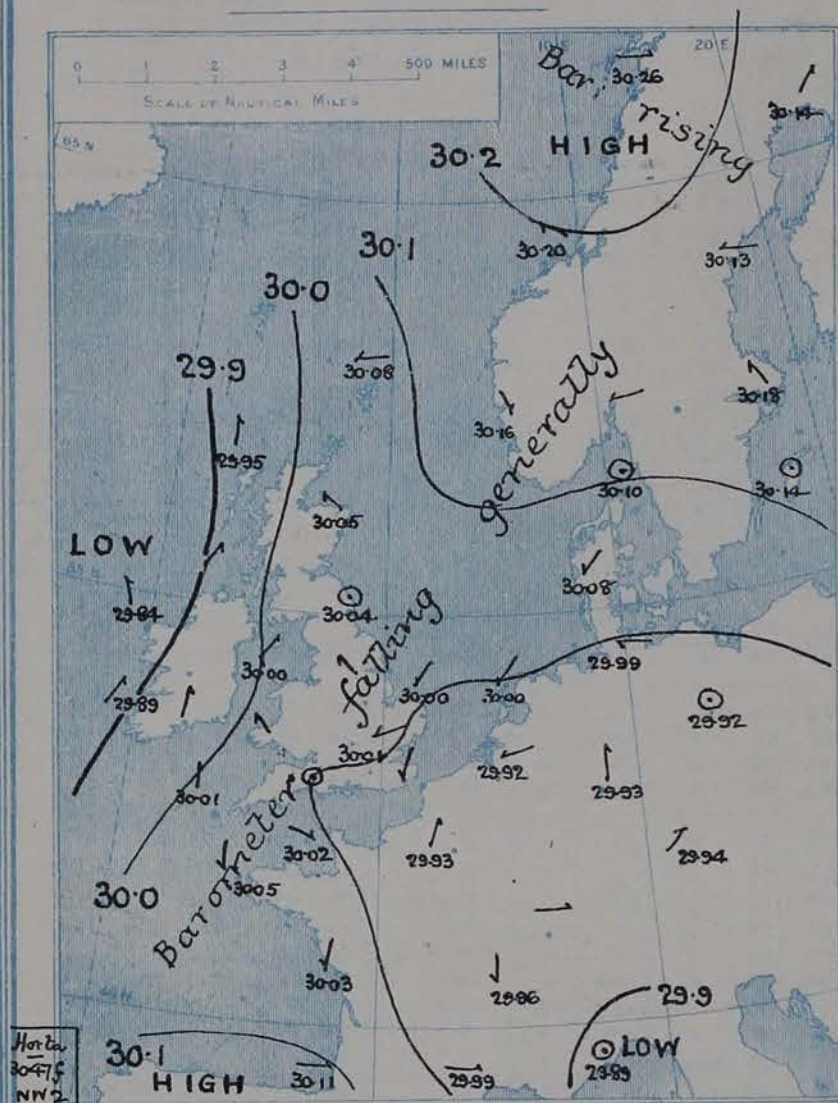
## I. BAROMETER, WIND AND SEA. This Morning.

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.



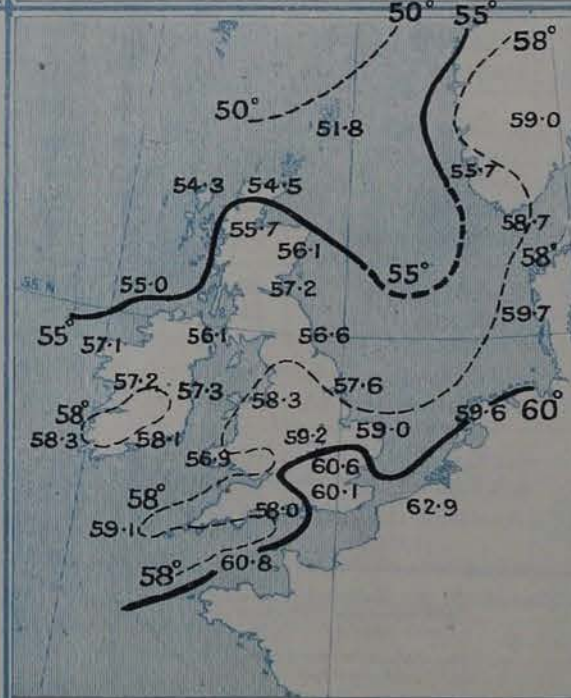
## IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Sat. 30<sup>TH</sup> JUNE with the percentage of the average duration for the corresponding week.



## V. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period JUNE-JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The distribution of barometrical pressure is becoming rather irregular. The highest reading, 30.2 in. and upwards, are found over the northern part of Norway, but the barometer is also high, 30.1 in. and upwards, over the Spanish Peninsula. A shallow depression, in which readings are below 29.9 in. is lying off our extreme western coast, while an extensive area of low pressure, with readings below 30.0 in. is found over France, Germany, the Netherlands, and the extreme southeast of England. The mercury is at present falling slightly in most parts of Western Europe.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is light to moderate from the S<sup>W</sup> on our western coast, and from the SE<sup>W</sup> or E<sup>W</sup> in Scotland. Over Denmark, the Netherlands, and the southeast of England it is chiefly NE, while in the west and south of France it draws into NW and W. Over western Germany and the neighbouring parts of France and Belgium a cyclonic circulation of light breezes is reported. Temperature has changed rather irregularly. Over the central and southern parts of England the thermometer has risen, and is now well above the average, the highest reading reported being 66° in London. At our western stations the readings are below 60°, while in Scotland and the extreme north of England they are below 55°. At the Continental stations the thermometer ranges from 70° at Berlin and 66° at Munich and Biarritz to 50° at Rode. The weather is fine over England and also in Norway and Denmark. In other parts of our area the sky is cloudy or overcast, with rain in the west and south of Ireland, and also in the extreme south of France. The sea is slight or smooth generally. In the course of yesterday the thermometer rose to between 70° and 75° at most of our central and southern stations, to 76° at Bournemouth and Worthing, and to 77° at Brighton. Over England and Wales the duration of bright sunshine was generally large, more than 13 hours being registered in many places, and as many as 14 hours at Clacton on Sea. Rain has fallen in Germany, Belgium, and the central and southern parts of France, and a thunderstorm has occurred at Lyons.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance is less settled than of late. The depression off our western coast is likely to pass away over the Atlantic without producing any further effect upon the weather over these Islands. A large shallow area of low pressure is, however, spreading over from France and Germany, and is likely to occasion unsettled weather over a considerable portion of England, with thunderstorms in places.

## FORECASTS\*

For the 24 hours ending at NOON on 6<sup>TH</sup> JULY, 1906.

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	E <sup>2</sup> and SE <sup>2</sup> winds, light; fair, cool.		
1	SCOTLAND EAST	D°	D°	D°
2	ENGLAND N.E.	Same as N:5		
3	ENGLAND EAST			
4	MIDLAND COUNTIES			
5	ENGLAND SOUTH	N <sup>2</sup> and NE <sup>2</sup> winds, light or moderate; fine and warm at first, unsettled later, with some rain, thunder in places.		

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	Variable or light SE <sup>2</sup> airs; fair generally.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S <sup>2</sup> to Variable breezes; fair generally.
9	IRELAND NORTH	S <sup>2</sup> winds, light; some rain at first, then fair
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.



## DAILY WEATHER REPORT.

5<sup>TH</sup> JULY,

1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	64	51	*	7.5	-	† Brighton ...	77	55	*	11.3	-
Blackpool, to 9 p.m. ...	64	45	b, c	13.0	-	† Eastbourne, to 6 p.m. ...	70	55	b, b, bc	11.3	-
Southport, to 9 p.m. ...	66	47	o, c, b, o	10.5	-	Bexhill-on-Sea, ...	74	54	*	10.3	-
† Rhyl, to 6 p.m. ...	61	48	o, bc, o, b	12.0	-	† Hastings ...	*	*	*	10.9	*
Llandudno, to 9 p.m. ...	64	49	bcw	13.4	-	† Folkestone, to 6 p.m. ...	68	58	o, b	9.0	-
Bettws-y-Coed, to 6 p.m. ...	?	48	b	12.0	-	Broadstairs, to 6 p.m. ...	*	*	*	9.5	*
Towyn, to 6 p.m. ...	67	45	b	12.2	-	Margate, to 6 p.m. ...	63	56	o, b	8.0	-
Aberystwyth, to 6 p.m. ...	62	51	c, b	9.0	-	Lowestoft, to 6 p.m. ...	61	54	bc, c	13.6	-
Plymouth, to 9 p.m. ...	72	53	bc	13.2	-	† Skegness ...	63	42	b, bc	13.6	-
Torquay, to 6 p.m. ...	71	56	*	12.1	0.01	Scarborough, to 6 p.m. ...	66	50	*	11.5	-
Bournemouth, to 6 p.m. ...	76	50	*	12.3	0.07	† Harrogate, to 6 p.m. ...	70	47	c, b, bc	8.4	-
Bognor, to 6 p.m. ...	*	*	b, bc, b	11.5	*	Darwen, to 9 p.m. ...	72	54	bcw, om	11.3	-
† Worthing ...	76	65	*	11.0	-	Manchester, to 9 p.m. ...	70	49	c, b, om	2.3	-
						Birmingham, to 9 p.m. ...	71	49	c, b	12.1	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

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

STATIONS. 4 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 4 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	70	57	c, c	-	Rome ...	85	64	b, b	-
Aix-la-Chapelle ...	73	57	o, c	-	Naples ...	82	69	b, b	-
Copenhagen ...	68	57	o, o	-	Malta ...	not received.			
Oxö (Christiansand) ...	57	50	o, f	0.24	Geneva 3 <sup>rd</sup> July, 1906. 1 p.m.	68	*	1 p.m.	Measured 7 a.m.
St. Petersburg ...	68	50	m, o	0.04	Berne ...	72	*	o	-
Vienna ...	70	59	b, bc	-	Lucerne ...	75	*	bc	-
Buda-Pesth ...	82	59	c, b	-	Coire ...	81	*	o	-
Hermanstadt ...	73	59	o, b	-	St. Gotthard ...	45	*	y	0.04
Trieste ...	75	63	b, b	-	Lugano ...	77	*	o	-
Florence ...	88	67	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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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.

5 <sup>th</sup> July, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	3.38	11.57	8.16
Greenwich ...	3.51	12.4	8.17
Wick ...	3.16	12.16	9.16
Valencia ...	4.29	12.45	9.1

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

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FORECASTS OF WEATHER for one day in advance are drawn up 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 a.m.



# DAILY WEATHER REPORT.

Friday

Meteorological Office, London.

6th. July,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
		At 32° Fahr. 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.	Weather.	Sun- shine.	Rainfall.
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°									Hours.	Ins.
SCANDINAVIA.	Haparanda...	30.16	56	Z	0	6	30.23	+0.09	60	53	+3	Z	0	6	x		70	50	*	*	-
	Hernösand...	29.98	55	Z	0	6	30.03	-1.10	55	53	-3	SSW	2	0	x		72	52	*	*	0.04
	Stockholm...	30.13	59	ESE	2	0	30.05	-1.13	62	58	0	NE	4	c	x		68	55	*	*	0.08
	Wisby...	30.02	62	ESE	2	c	29.97	-1.17	71	63	+1	SE	4	b	*		70	50	*	*	-
	Karlstad...	30.30	62	Z	0	c	30.05	-1.10	58	56	-1	NE	2	T	*		*	*	*	*	0.04
	Färder (X'ania Fjord)	30.04	65	ESE	2	6	30.02	-1.12	59	56	-1	ESE	4	0	2		66	57	*	*	-
	Bodö...	30.24	59	SSW	2	6	30.19	-0.07	51	48	+1	NE	2	6	1		52	45	*	*	-
	Christiansund...	30.11	56	NE	2	6	30.02	-1.18	64	55	+11	SSE	2	6	2		64	50	*	*	-
	Skudesnaes...	30.05	57	N	2	6	30.05	-1.11	60	?	+7	E	2	6	1		60	50	6	*	-
BRITISH ISLANDS.	Sumburgh Head	30.00	53	E	4	6	29.90	-1.18	52	51	0	ESE	3	c	4		55	50	6	*	-
	Stornoway...	29.84	65	SSW	3	c	29.82	-1.13	56	55	+1	WSW	1	0	1		68	54	6, c	11.8	-
	Malin Head	29.83	60	SW	3	rm	29.90	+1.01	56	55	-6	NW	5	0	4		65	53	0, rm, o	*	0.06
	Blacksod Pt.	29.88	57	WNW	3	og	29.94	+1.10	58	55	0	SW	3	6c	2		60	50	0, rm, og	*	0.01
	Valencia...	29.94	57	NW	4	om	30.01	+1.12	57	54	-1	W	1	0	3		62	53	0, om	1.0	0.03
	Roche's Point...	29.90	59	SSW	3	0	29.99	+1.03	57	54	+1	NNW	3	6	2		61	54	og, o	*	0.07
	Birr Castle...	29.88	60	S	2	r	29.96	+1.02	55	53	-4	WNW	2	0	*		63	52	0, T, o	0.0	0.12
	Donaghadee...	29.90	58	S	2	c	29.89	-1.11	58	57	+3	WNW	1	0	1		61	54	o, cm	*	0.08
	Liverpool Obsy...	29.94	65	NW	1	6	29.93	-1.08	60	56	+1	Z	0	0	?		68	56	6m	*	-
	Holyhead...	29.94	60	SW	3	c	29.91	-1.09	56	54	-4	Z	2	f	1		67	54	6m, c	*	0.26
	Pembroke (St. Ann's Hd.)	29.96	57	SSW	2	c	29.91	-1.10	55	55	-3	NW	2	cf	2		61	53	f, c, f, b	7.4	0.10
	Scilly (St. Mary's)	29.96	62	SSW	1	0	29.97	-1.04	58	56	-1	WSW	1	0	2		64	57	c, o	0.4	0.07
	Jersey (St. Aubins)	29.99	70	WNW	2	6	30.00	-1.02	62	56	-4	SE	1	0	1		74	56	6m, og, rm	14.0	0.01
	Portland Bill	29.95	60	WSW	4	6	29.96	-1.04	59	57	-4	WSW	2	om	1		67	56	6	*	-
	Dungeness...	29.95	68	NE	2	6	29.97	0.00	53	53	-11	SE	1	f	1		69	52	6	11.8	-
	Wick...	29.91	52	SSE	2	m	29.83	-1.20	52	51	0	S	1	f	2		62	49	q, m, f	*	-
	Nairn...	29.84	64	E	1	6	29.82	-1.19	58	56	+5	Z	0	m	1		69	46	-	*	-
	Aberdeen...	29.93	54	SSE	3	c	29.87	-1.18	54	53	0	ESE	1	f	2		58	49	0, 6c, c, f	6.5	-
	Leith...	29.90	56	ESE	2	6	29.88	-1.16	55	53	+2	NE	1	om	*		63	49	-	*	-
	North Shields	29.93	57	SE	3	0	29.90	-1.14	59	55	+8	W	2	m	2		59	49	cm, o	*	-
	Spurn Head	29.96	57	ESE	4	c	29.91	-1.12	60	58	+1	SSE	4	ow	3		64	54	6, c, c	*	-
GERMANY, & C.	Yarmouth...	29.97	63	NE	3	6	29.94	-1.06	58	56	-1	W	2	6c	2		64	55	6	*	-
	Clacton-on-Sea...	29.97	61	ESE	3	6c	29.97	-1.03	57	56	-7	SSE	2	m	1		68	54	6, rm, om	13.6	-
	Nottingham...	29.94	70	ESE	1	6	29.92	-1.11	61	58	-2	SW	1	6m	*		76	55	6	11.6	-
	Bath...	29.94	72	N	2	6	29.96	-1.06	62	56	-2	WNW	1	c	*		77	55	-	12.1	-
	Oxford...	29.95	68	WNW	1	0	29.95	-1.07	63	60	-2	Z	0	6	*		77	55	6, 6c, 0, 6	*	-
	London (St. James' Park)	29.95	71	NE	2	6	29.95	-1.06	63	58	-3	Z	0	c	*		75	57	6, 6c, c	11.8	-
	The Scaw (Skagen)	30.00	63	E	3	6	29.96	-1.14	60	57	+4	E	4	0	1		68	50	*	*	-
	Fanö...	29.95	55	NW	2	6	29.90	-1.18	62	58	+4	NW	2	c	*		72	52	*	*	-
FRANCE.	Cuxhaven...	29.89	67	NW	2	0	29.87	-1.12	62	60	+1	N	3	0	*		67	59	0, T	*	0.04
	The Helder...	29.95	60	NE	3	6c	29.94	-1.06	62	57	+1	NNE	2	6	2		62	55	*	*	-
	Brussels...	*	*	*	*	*	29.95	+1.03	59	57	-3	NW	1	6	*		67	57	*	*	0.83
	Berlin...	29.78	69	Z	0	c	29.78	-1.14	62	61	-8	NW	2	0	*		72	61	*	*	0.20
	Frankfurt...	29.78	69	NW	1	6c	29.81	-1.12	63	59	-1	N	3	0	*		77	59	*	*	-
	Munich...	29.72	67	E	4	0	29.73	-1.21	57	57	-9	W	3	T	*		75	57	*	*	1.18
	C. Gris Nez...	29.99	58	NE	3	6	30.00	+1.01	54	54	-4	Z	0	f	1		64	52	*	*	-
	Brest...	30.02	64	NW	2	0	29.98	-1.07	59	55	+3	SW	2	0	3		68	55	*	*	-
SPAN. PEN.	Lorient...	29.97	68	NW	3	6c	30.04	?	62	59	+2	Z	0	6	1		75	55	*	*	-
	Rochefort...	30.00	67	NW	4	6	30.03	0.00	65	63	+3	WNW	1	0	*		72	61	6	*	-
	Biarritz...	30.10	69	W	3	6	30.07	-1.04	62	56	-4	ESE	1	c	0		70	57	*	*	-
	Paris...	29.91	68	NNE	2	6	30.01	+1.08	55	54	-5	NE	2	0	*		70	52	*	*	0.20
	Belfort...	29.78	68	E	5	0	29.84	-1.11	61	58	+3	WSW	5	m	*		79	56	*	*	-
	Lyons...	29.82	71	NW	2	c	29.97	+1.01	64	58	+5	NW	2	6	*		72	59	*	*	-
	Nice...	29.73	59	W	2	c	29.75	-1.14	68	57	+4	W	1	0	3		70	54	*	*	0.99
	Perpignan...	29.95	70	NW	5	0	29.99	+1.01	68	57	+6	W	3	0	*		71	60	*	*	0.12
SPAN. PEN.	Corunna...	30.10	66	N	4	6	30.11	-1.03	68	63	+1	N	4	c	*		77	63	*	*	-
	Lisbon...	30.39	70	NNW	1	T	30.35	-1.07	69	65	-1	N	2	6c	2		75	66	*	*	-
	Azores (P. Delgada)	30.43	71	NW	3	0	30.39	-1.12	71	65	+1	NNE	3	6	2		79	68	*	*	-

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +.03 in., but for Sumburgh Head +.04 in.; for stations South of Malin Head and North Shields +.02 in., but for Scilly and Jersey +.01 in.

(b) 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, 6<sup>TH</sup> JULY, 1906.

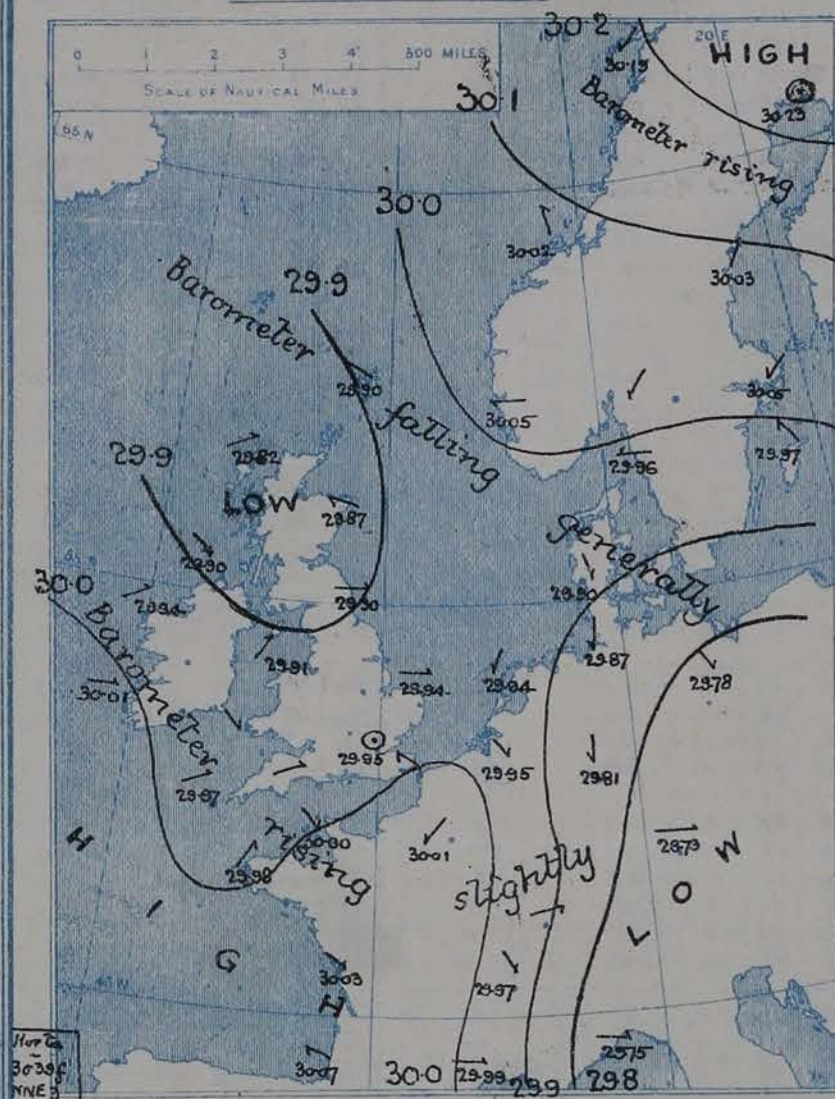
## I. BAROMETER, WIND AND SEA. This Morning.

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

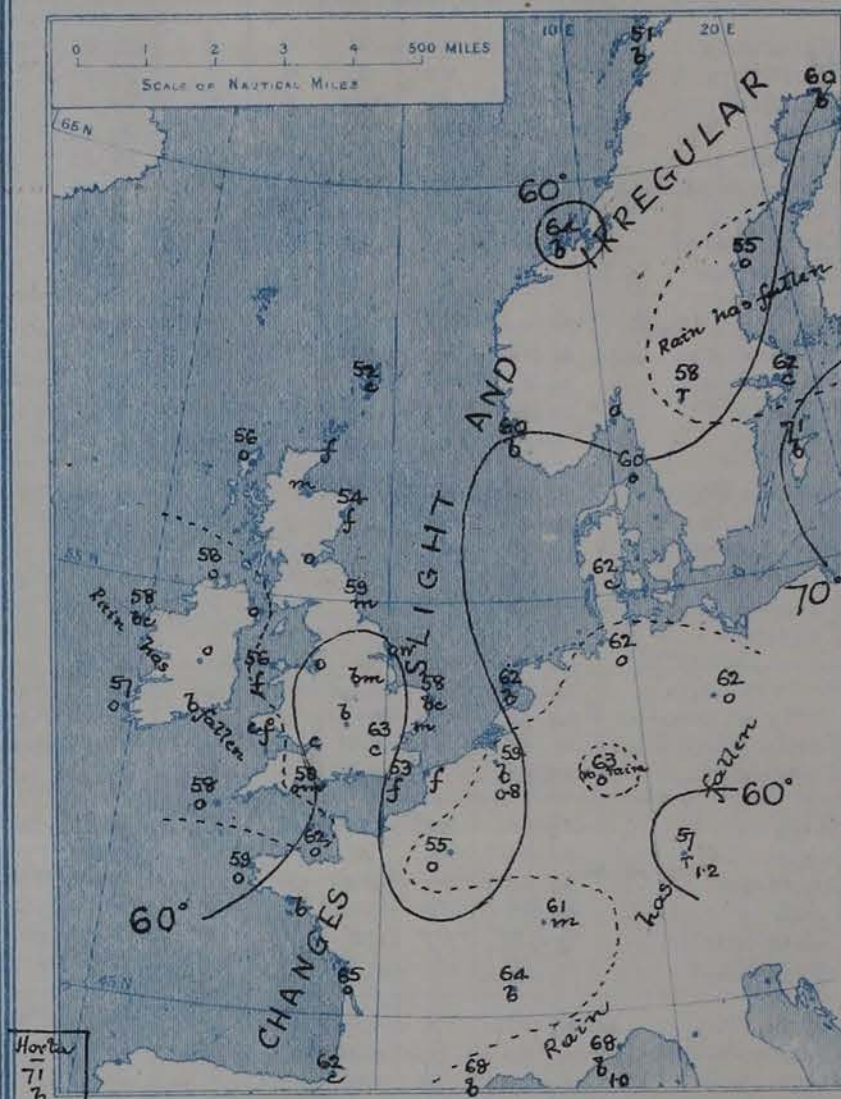


## II. TEMPERATURE AND WEATHER. This Morning.

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 1906.

Total Amount recorded in various districts of the United Kingdom in the 26 weeks ended Saturday, 30<sup>TH</sup> JUNE, with the percentage of the average amount for the corresponding period.

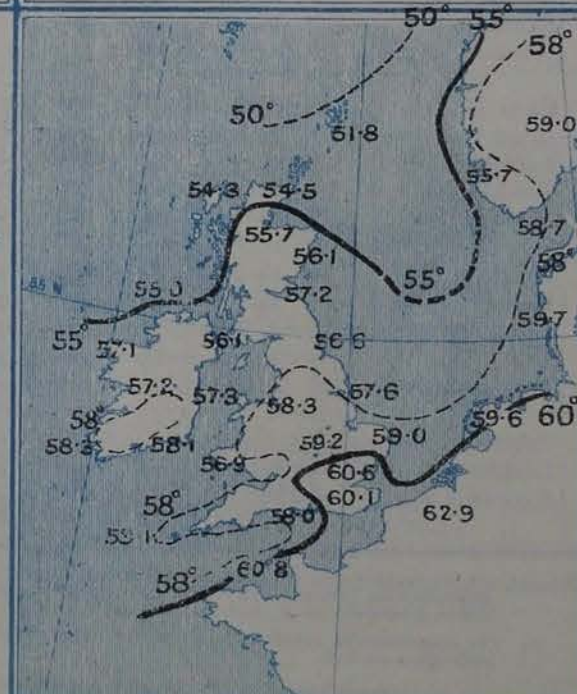


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JUNE-JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

In the course of the past twenty-four hours pressure has given way over nearly the whole of the region under observation, but a recovery has set in again at our eastern stations, in France, Northern Germany and northern Scandinavia. A shallow depression, with readings below 29.8 ins, covers the middle region of the Continent, and another, with readings below 29.9 ins, lies over North Britain. The highest pressure is over Lapland, 30.23 ins at Haparanda. There is a moderate gradient over eastern France, everywhere else it is very slight.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Pressure being so uniform the winds generally are very light and variable. The temperature changes are slight and irregular. The readings range from 52° at Wick and Sumburgh Head, 53° at Dungeness and 54° at Aberdeen, to 62° at Bath and Jersey, and 63° at Oxford and in London; from 51° at Bodø, 54° at Cape Fin Roz, and 55° at Paris and Helsingfors to 64° at Christiansund and Lyons, 66° at Perpignan and Nice, and 71° at Wiry. The aspect of the sky, both at home and abroad, varies considerably, from clear and cloudless to overcast and dull. Rain is falling at Munich, on the western side of the Continental depression, and at Harstad in the northern high pressure. In places the atmosphere is misty, and on the Straits of Dover and on the coasts of Wales and the northeast of Scotland there is much fog. The sea is moderate off the Shetlands and the north of Ireland, slight to very smooth on all other coasts.

During yesterday temperature rose to above 70° in many parts of England, to 76° at Nottingham, Manchester, and Brighton, and 77° at Bath, Oxford, and Worthing. Slight showers have fallen at several of our western stations, very heavy rain at some of the Continental stations, an inch at Nice, and 1.2 inch at Munich. At Bir Castle there was no bright sunshine, and Scilly had only 0.4 hour, but in nearly all other places the records were large, ranging upwards to 14 hours at Jersey, 14.2 hours at Folkestone, and 14 hours at Lowestoft.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The northern depression appears to be moving slowly on a northeasterly course, but the rise of the barometer in its rear is slight, so that the readings over these Islands are likely to remain uniform, with light variable breezes, and the atmosphere close.

## FORECASTS\*

For the 24 hours ending at NOON on 7<sup>th</sup> JULY, 1906.

### DISTRICTS.

### FORECASTS.

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

Light Variable to N.W.<sup>ly</sup> breezes; fair generally, mist or fog on coast; moderate temperature.

Calms and Light Variable W.<sup>ly</sup> breezes; changeable, close, thunder rains locally, some mist or fog coast; rather warm.

### DISTRICTS.

### FORECASTS.

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

Light or moderate N.W.<sup>ly</sup> to Variable breezes, fair generally, local showers; moderate temperature.

Same as Nos 2 to 5.

Light or moderate N.W.<sup>ly</sup> to W.<sup>ly</sup> breezes; generally fair or fine, some showers, mist or fog locally on coasts; moderate temperature.

### 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.



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	70	46	*	10.0	-	†Brighton ... ..	76	55	*	12.5	-
Blackpool, to 9 p.m. ...	66	48	b, c, bc	10.1	-	†Eastbourne, to 6 p.m. ...	70	55	b	13.8	-
Southport, to 9 p.m. ...	68	49	b, o, c, b	9.0	-	Bexhill-on-Sea, ...	74	54	*	12.5	-
†Rhyl, to 6 p.m. ...	66	56	?	12.5	-	†Hastings ... ..	*	*	*	13.0	*
Llandudno, to 6 p.m. ...				13.0		†Folkestone, to 6 p.m. ...	69	54	b	14.2	-
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m. ...	69	50	b	12.1	-	†Margate, to 6 p.m. ...	65	57	b	12.8	-
Aberystwyth, to 6 p.m. ...	64	54	c, b	13.5	-	Lowestoft, to 6 p.m. ...	61	55	b, c, b	14.5	-
Plymouth, to 9 p.m. ...	70	54	b, bc, o	11.4	-	†Skegness ... ..	63	56	b, c	12.7	-
Torquay, to 6 p.m. ...	75	?	*	12.9	-	Scarborough, to 6 p.m. ...	64	51	*	6.9	-
†Bournemouth, to 6 p.m. ...	75	53	*	12.9	-	†Harrogate, to 6 p.m. ...	71	48	c, b, bc	7.9	-
Bognor, to 6 p.m. ...	*	*		13.0	*	Darwen, to 9 p.m. ...	73	54	om, bcm	5.3	-
†Worthing ... ..	77	66	*	12.9	-	Manchester, to 9 p.m. ...	76	49	a, bw, op	8.2	0.17
						Birmingham, to 9 p.m. ...	75	53	b, c	9.8	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 5 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	72	61	c, r	0.24	Rome ... ..	87	69	b, o	-
Aix-la-Chapelle ...	73	59	c, c	0.43	Naples ... ..	83	70	b, o	-
Copenhagen ... ..	73	59	o, bc	-	Malta ... ..	87	74	b	-
Oxö (Christiansand) ...	57	48	b, c	-	Geneva ... ..	72	*	bc	Measured 7 a.m. 0.12
St. Petersburg ... ..	72	55	b, c	-	Berne ... ..	70	*	o	-
Vienna ... ..	77	61	b, b	-	Lucerne ... ..	72	*	bc	-
Buda-Pesth ... ..	82	63	b, b	-	Coire ... ..	66	*	o	-
Hermanstadt ... ..	79	69	b, b	-	St. Gotthard ... ..	43	*	o	0.24
Trieste ... ..	75	64	b, o	-	Lugano ... ..	66	*	r	0.39
Florence ... ..	85	67	b, r	0.12					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles ... ..	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ... ..	7 a.m. ( " )	7 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.
Belgium ... ..	7 a.m. (West European)	7 a.m.	Not published	—
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, 1906.	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

\* TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Saturday,

Meteorological Office, London.

7th. July.

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)		Max.	Min.	Weather.	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°						°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda...	30.20	59	SW	2	b	30.18	-0.05	61	57	+1	SW	2	b	*		82	48	*	*	-
	Hernösand...	30.14	57	Z	0	b	30.10	+0.07	60	56	+5	NE	4	b	*		63	48	*	*	0.04
	Stockholm...	30.00	62	NNE	2	o	29.97	-0.08	70	64	+8	SE	2	b	*		70	55	*	*	-
	Wisby...	29.92	66	E	2	c	29.91	-0.06	71	64	0	ESE	2	c	*		73	59	*	*	-
	Karlstad...	30.06	59	ENE	2	c	29.98	-0.07	62	57	+4	Z	0	b	*		*	*	7, c	*	0.35
	Færder (X'ania Fjord)	29.95	58	NNE	4	r	29.97	-0.05	59	57	0	NNE	2	o	1		59	57	*	*	2.76
	Bodö...	30.12	61	NE	1	b	30.06	-0.13	62	60	+11	E	2	bc	1		62	48	*	*	-
	Christiansund...	30.00	65	NE	1	b	29.95	-0.07	63	57	-1	SW	1	b	2		66	57	*	*	-
	Skudesnaes...	30.03	61	NNW	2	c	29.98	-0.07	60	57	0	NNW	2	b	1		68	50	b, c	*	-
BRITISH ISLANDS.	Sumburgh Head	29.86	53	SE	3	o	29.85	-0.05	53	52	+1	Z	0	o	3		56	49	o	*	-
	Stornoway...	29.85	61	WNW	2	bc	29.75	-0.07	53	51	-3	S	4	o	4		61	52	o, bc, o	2.1	-
	Malin Head...	29.90	61	NW	1	b	29.82	-0.08	56	56	0	W	4	cm	3		62	52	b, c	*	-
	Blacksod Pt. ...	29.92	59	SSW	3	b	29.86	-0.08	57	56	-1	WSW	4	dm	3		61	56	bc, b	*	0.11
	Valencia...	29.96	59	S	2	o	29.95	-0.06	58	57	+1	SW	1	om.p	3		61	56	o	0.6	0.06
	Roche's Point...	29.98	61	WNW	2	c	30.01	+0.02	58	57	+1	SSW	2	m	3		65	55	cg, c	*	0.02
	Birr Castle...	29.94	63	S	2	o	29.94	-0.02	60	58	+5	S	3	cg	*		65	52	bc, o, cg	3.0	-
	Donaghadee...	29.94	56	NNE	1	c	29.95	+0.06	57	56	-1	SSE	2	bc.m	1		59	48	bc, c	*	-
	Liverpool Obsy...	29.94	59	WNW	1	bc	30.02	+0.09	60	56	0	W	1	o	1		65	54	cm, bc	*	-
	Holyhead...	29.95	57	Z	0	c d p.m	30.00	+0.09	58	56	+2	SW	3	b	2		59	49	o d p.m, c	*	0.04
	Pembroke (St. Ann's Hd.)	29.96	56	NNW	3	o	30.04	+0.13	57	56	+2	SW	1	b	1		61	53	c, o	0.7	-
	Scilly (St. Mary's)...	30.04	58	NW	2	c	30.07	+0.10	59	56	+1	SSW	1	cm	2		63	56	c	3.2	-
	Jersey (St. Aubins)...	29.98	66	SE	1	bc	30.09	+0.09	62	57	0	NW	3	bc	3		69	54	p, cm, cw	5.2	0.02
	Portland Bill...	29.96	59	SW	3	c	30.05	+0.09	60	57	+1	W	4	bcw	3		65	56	c	*	-
	Dungeness...	29.94	61	SW	3	o	30.03	+0.06	63	60	+10	WSW	2	b	1		69	52	f, o	4.0	-
	Wick...	29.86	52	W	2	r	29.82	-0.01	55	54	+3	SSW	2	c	3		62	48	-	*	0.12
	Nairn...	29.85	57	Z	0	r	29.84	+0.02	59	55	+1	W	1	b	1		63	47	-	*	0.11
	Aberdeen...	29.85	62	S	2	o	29.90	+0.03	58	55	+4	S	2	bc	2		66	54	f, bc, bc	7.5	0.04
	Leith...	29.87	63	W	3	bc	29.93	+0.05	63	57	+8	WSW	3	b	*		64	47	b, bc	*	0.05
	North Shields...	29.88	59	NE	1	c	29.96	+0.06	61	56	+2	WNW	2	b	2		67	53	c	*	-
	Spurn Head...	29.86	62	S	3	c	29.97	+0.06	60	59	0	WNW	2	cm	3		66	58	f, p, cm	*	0.10
	Yarmouth...	29.92	61	S	4	bc	29.98	+0.04	63	61	+5	SW	2	b	2		63	56	bc	*	-
	Clacton-on-Sea...	29.93	62	WNW	2	o	30.01	+0.04	66	61	+9	WSW	2	b	1		66	56	o, bc, o, bc	4.5	0.06
	Nottingham...	29.90	67	WSW	2	c	30.00	+0.08	62	59	+1	SW	1	m	*		76	58	c, p, m	6.8	-
	Bath...	29.94	64	W	2	c	30.05	+0.09	60	58	-2	W	1	c	*		67	56	-	0.6	0.09
	Oxford...	29.95	64	W	1	o	30.04	+0.09	59	57	-4	W	1	o	*		73	54	bc, o	*	-
	London (St. James' Park)	29.93	68	WSW	2	o	30.03	+0.08	61	57	-2	WSW	1	o	*		74	56	b, bc, o, p	7.3	-
GERMANY, &c.	The Scaw (Skagen)	29.87	62	ESE	2	m	29.94	-0.02	63	61	+3	SE	2	c	0		63	57	*	*	0.32
	Fanö...	29.93	58	NW	2	b	29.98	+0.08	60	58	-2	NW	4	o	*		72	55	*	*	-
	Cuxhaven...	29.90	61	NW	4	o	29.97	+0.10	60	58	-2	NW	4	o	*		64	57	*	*	-
	The Helder...	29.98	61	N	1	b	30.03	+0.09	64	58	+2	Z	0	b	0		64	54	*	*	-
	Brussels...	*	*	*	*	*	30.04	+0.09	62	59	+3	SSE	1	b	*		73	52	*	*	-
	Berlin...	29.76	66	NNW	4	r	29.80	+0.02	61	60	-1	NW	3	o	*		70	59	*	*	0.47
	Frankfurt...	29.92	64	NW	1	o	30.01	+0.20	60	57	-3	SW	2	o	*		70	59	*	*	0.08
	Munich...	29.89	59	W	5	c	30.01	+0.28	59	56	+2	W	5	o	*		61	53	*	*	0.83
FRANCE.	C. Gris Nez...	29.99	61	SSW	2	b	30.03	+0.03	60	59	+6	SSW	1	o	1		68	54	*	*	-
	Brest...	30.02	63	NW	4	bc	30.10	+0.12	58	56	-1	NW	1	bc	2		68	54	*	*	-
	Lorient...	29.95	68	NNW	3	b	30.04	00	57	55	-5	NNW	3	o	2		75	54	*	*	-
	Rochefort...	30.02	68	NW	2	o	30.05	+0.02	65	62	0	E	1	bc	*		73	?	o	*	-
	Biarritz...	30.07	66	W	2	o	30.09	+0.02	63	62	+1	W	5	r	2		70	61	*	*	0.16
	Paris...	29.98	71	NE	2	b	30.06	+0.05	61	58	+6	Z	0	c	*		74	54	*	*	-
	Belfort...	29.89	67	W	6	c	30.02	+0.18	60	55	-1	E	3	m	*		73	49	*	*	-
	Lyons...	29.93	73	NNE	1	b	30.01	+0.04	62	58	-2	NNW	1	bc	*		78	59	*	*	-
SPAN. PEN.	Nice...	29.76	67	Z	0	b	29.88	+0.13	68	64	0	W	1	c	2		77	59	*	*	-
	Perpignan...																				
	Corunna...	30.06	63	N	6	bc	30.05	-0.06	66	59	-2	N	5	b	*		72	59	*	*	-
	Lisbon...	30.36	68	NE	2	c	30.31	-0.04	70	64	+1	NE	3	b	2		73	64	*	*	-
	Azores (P. Delgada)...	30.38	68	NE	4	b	30.35	-0.04	68	64	-3	NE	2	o	1		75	66	*	*	-

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +.03 in., but for Sumburgh Head +.04 in.; for stations South of Malin Head and North Shields +.02 in., but for Scilly and Jersey +.01 in.

(b) 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, 7<sup>TH</sup> JULY, 1906.

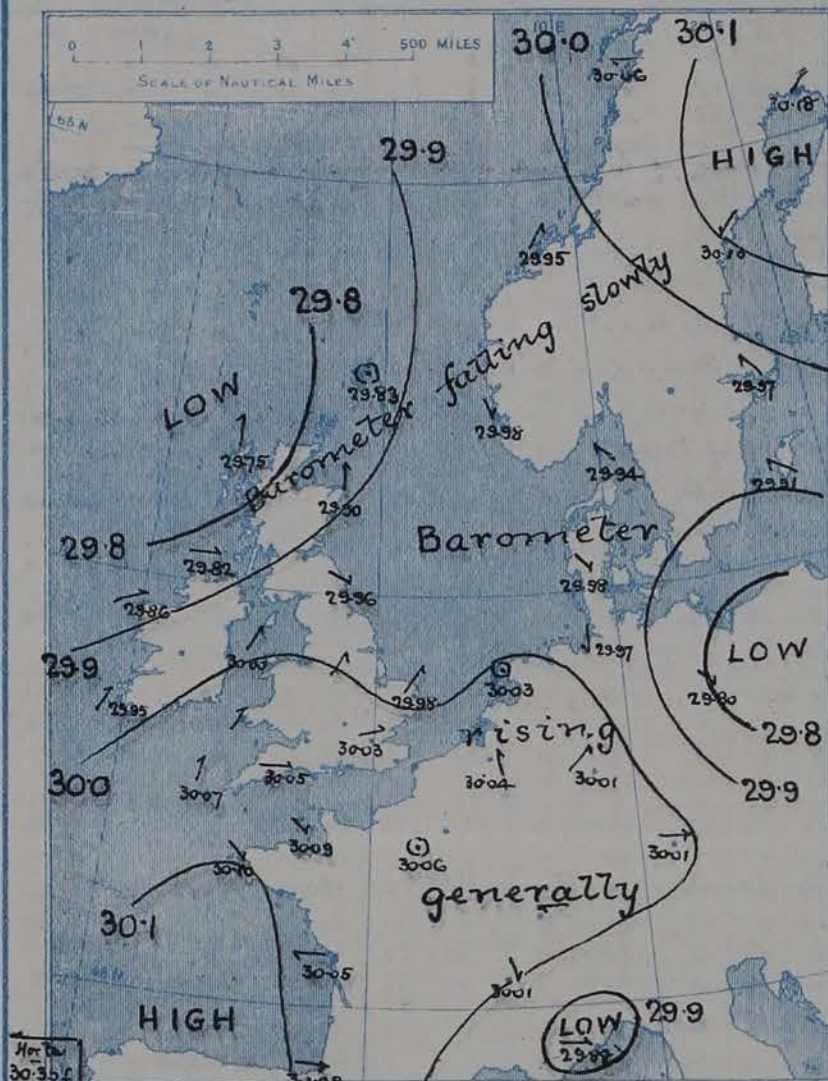
## I. BAROMETER, WIND AND SEA. This Morning.

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

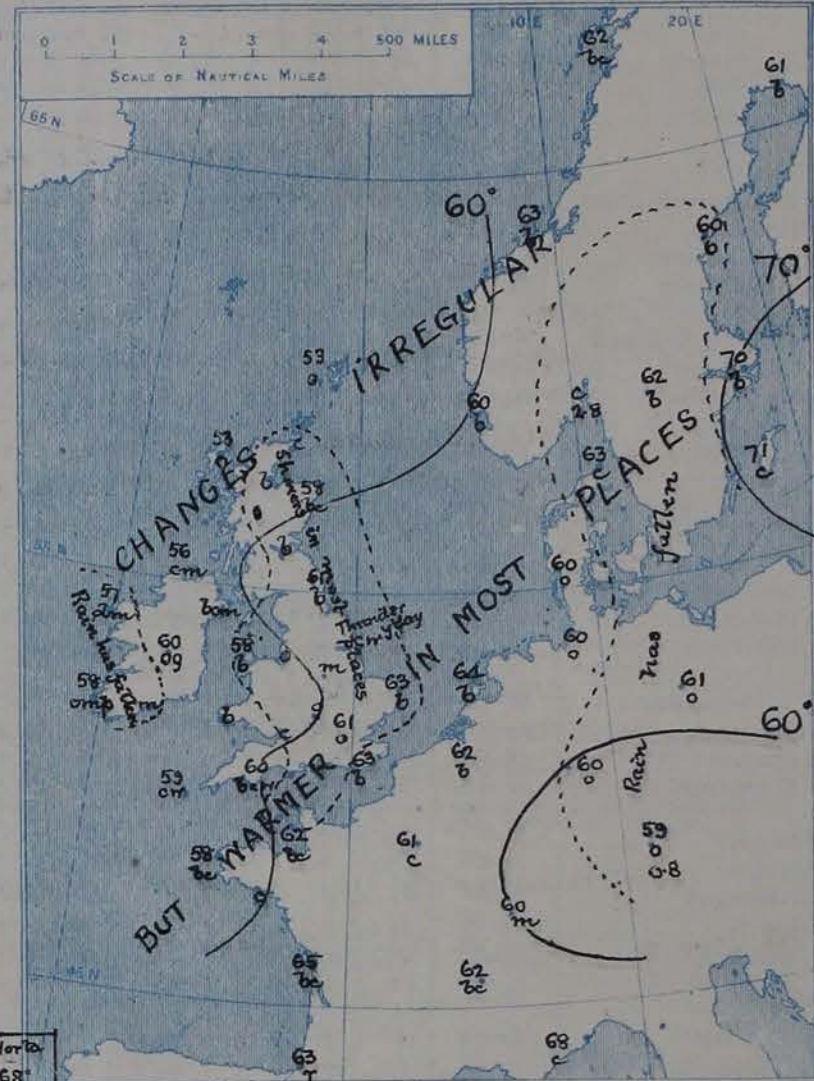


## II. TEMPERATURE AND WEATHER. This Morning.

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 1906.

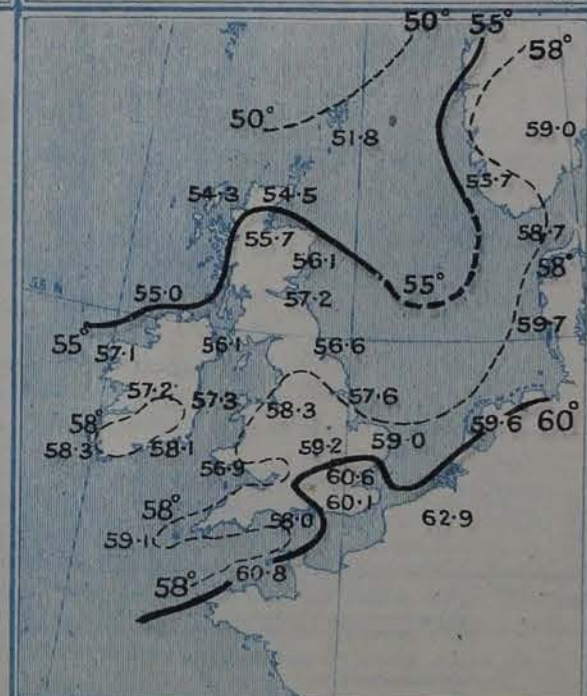
Total Duration recorded in various districts of the United Kingdom in the 26 weeks ended Saturday, 30<sup>TH</sup> JUNE, with the percentage of the average duration for the corresponding period.



## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period JUNE-JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Pressure is now highest in an anticyclone over northern Europe, 30.18 ins: at Haparanda, and in another on the Bay of Biscay, 30.1 ins at Brest. In a depression which has appeared off our north-western coasts the barometer has fallen to 29.75 ins: at Stornoway, and in another over Eastern Germany and the Baltic the mercury stands at 29.80 ins: at Berlin. The gradients are everywhere slight.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The winds circulate round the various areas of high and of low pressure, being mainly S.W. to W. at our home stations, S.E. over southern Sweden, N.W. over Northern Germany. Except for a fresh breeze at Akenary and Munich the force is mostly light.

As a rule the changes in temperature are slight and irregular, but there has been a decided increase on our southern coast, with the clearing of the fog, and also beyond the Arctic Circle. The present values range from 53° or 55° in the extreme north of Scotland to 63° at Dungeness, Yarmouth and Leith, and 66° at Clacton on Sea. At nearly every foreign station the readings are 60° and upwards, 62° even at Bodø in the extreme north, the highest being 70° at Stockholm and 71° at Vicks. In many parts of Britain and over nearly the whole of Scandinavia the sky is cloudless or nearly so, but in other regions it is mostly very cloudy or overcast, with a misty atmosphere round Ireland, light passing showers at Blackrod Point and Valencia, and rain at Biarritz. The sea is moderate on the North, slight to very smooth on all other coasts.

During yesterday temperature rose to 70° and upwards at some of the inland and southern English stations, to 74° in London and 76° at Nottingham. At Holyhead and Donaghadee the maximum was only 59°, and at Lumburgh Head 56°. Rain fell in many parts of the country, nowhere heavily, but abroad there were some large amounts, 0.8 in: at Munich and 2.8 in: at Jaerde. Thunder occurred at Spem Head. The duration of bright sunshine amounted to 9.7 hrs at Dover, elsewhere it ranged down to none at Tokyo.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The conditions are of a most uncertain type. The depression in the northwest is moving northward and the barometer is rising in nearly all districts. Light S. to W. breezes will probably prevail, with variable weather, showers in places.

## FORECASTS\*

For the 24 hours ending at NOON on 8<sup>TH</sup> JULY, 1906.

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

1 { SCOTLAND  
EAST

2 { ENGLAND  
N.E.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

5 { ENGLAND  
SOUTH

Light or moderate S. to W. breezes; changeable, some showers; mild.

Light S.W. to W. breezes; generally fair or fine, showers locally; moderate temperature.

### DISTRICTS.

### FORECASTS.

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

Same as Nos 0 and 1

Light S.W. to W. breezes; generally fair or fine, local showers, some mist or fog on coast; mild.

Light or moderate S. to W. breezes; changeable, some showers, mist or fog on coast; moderate temperature.

### 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.



## DAILY WEATHER REPORT.

7<sup>TH</sup> JULY,

1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	64	53	*	1.1	0.04	†Brighton ... ..	67	52	*	6.3	-
Blackpool, to 9 p.m. ...	61	49	o.d., c	0.3	0.04	†Eastbourne, to 6 p.m. ...	66	55	o, b, c	6.5	-
Southport, to 9 p.m. ...	64	50	c, o, b	2.6	-	Bexhill-on-Sea, to 9 p.m. ...	68	54	m	3.1	-
Rhyl, to 6 p.m. ...	66	49	o, r, o, c	1.7	0.03	†Hastings ... ..	*	*	*	3.8	*
Llandudno, to 6 p.m. ...				0.6		†Folkestone, to 6 p.m. ...	67	47	f, b, c	3.9	-
Bettws-y-Coed, to 6 p.m. ...	67	50	c, b, c	0.8	0.02	Broadstairs, to 6 p.m. ...	*	*	*	5.6	*
Towyn, to 6 p.m. ...	64	55	o, p, o	0.0	0.04	Margate, to 6 p.m. ...	73	54	b, c	5.0	-
Aberystwyth, to 6 p.m. ...	62	54	c, r, c	0.5	0.05	Lowestoft, to 6 p.m. ...	64	47	b, c	9.7	-
Plymouth, to 9 p.m. ...	67	57	b, c	5.6	0.06	†Skegness ... ..	69	56	b, c	4.8	-
Torquay, to 6 p.m. ...	69	?	*	6.1	0.01	Scarborough, to 6 p.m. ...	67	55	*	5.5	0.18
†Bournemouth, to 6 p.m. ...	69	52	*	2.5	-	†Harrogate, to 6 p.m. ...	72	52	c, b, c	4.8	-
Bognor, to 6 p.m. ...	*	*	b, o	5.4	*	Darwen, to 9 p.m. ...	68	49	b, c, o, w	3.1	-
†Worthing ... ..	70	62	*	6.0	-	Manchester, to 9 p.m. ...	69	51	c, b, v, b, c	1.5	0.01
						Birmingham, to 9 p.m. ...	70	54	c, o	4.1	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 6 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	66	54	o, b	-	Rome ... ..	87	68	o, o	-
Aix-la-Chapelle ... ..	72	55	o, r	0.12	Naples ... ..	84	69	o, c	-
Copenhagen ... ..	66	59	r, o	0.35	Malta ... ..	88	75	c	-
Oxö (Christiansand) ... ..	61	55	b, o	-	5 <sup>th</sup> July, 1906.				
St. Petersburg ... ..	73	54	b, b	-	Geneva ... ..	72	*	1 p.m.	Measured
Vienna ... ..	77	62	c, o	-	Berne ... ..	73	*	0	0.47
Buda-Pesth ... ..	86	66	b, c, b	-	Lucerne ... ..	75	*	b	0.16
Hermanstadt ... ..	81	57	b, b	-	Coire ... ..	77	*	o	-
Trieste ... ..	75	66	o, o	0.43	St. Gotthard ... ..	45	*	f	0.63
Florence ... ..	83	63	r, o	0.51	Lugano ... ..	68	*	o	0.25

## 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 ... ..	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ... ..	7 a.m. ( " )	7 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.
Belgium ... ..	7 a.m. (West European)	7 a.m.	Not published	—
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 1906.	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

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FORECASTS OF WEATHER for one day in advance are drawn up 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Sunday,

Meteorological Office, London.

8<sup>th</sup> July,

1906.

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.	Rainfall.		
At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Max.	Min.									
Inch.	"	"	"	Inch.	Inch.	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
SCANDINAVIA.	Haparanda...	30.06	69	Z	0	bc	30.00	-18	70	62	+9	Z	0	b	4	84	?	*	*	-	
	Hernösand...	30.03	60	Z	0	b	29.99	-11	67	60	+7	Z	0	b	4	72	55	*	*	-	
	Stockholm...	30.02	66	ENE	2	bc	30.03	+06	72	64	+2	W	2	b	4	75	61	*	*	-	
	Wisby...	29.97	63	E	2	b	30.02	+11	57	55	-14	Z	0	f	4	73	57	*	*	-	
	Karlstad...	30.00	68	Z	0	b	30.03	+05	64	62	+2	Z	0	b	4	*	*	*	*	-	
	Färder (X'ania Fjord)	29.99	68	SW	2	c	30.02	+05	63	62	+4	WSW	2	f	1	68	59	*	*	-	
	Bodö...	30.03	64	Z	0	b	29.86	-20	64	57	+2	E	4	b	2	66	43	*	*	-	
	Christiansund...	29.92	64	NE	1	b	29.91	-04	59	56	-4	N	2	c	1	66	57	*	*	-	
Skudesnaes...	29.97	57	S	2	?m	29.93	-05	57	55	-3	S	2	?m	2	?	?	b, m	*	2		
BRITISH ISLANDS.	Sumburgh Head	29.78	52	SE	2	o	29.83	-02	55	50	+2	WSW	4	b	4	57	46	c, o	*	-	
	Stornoway...	29.77	61	SW	4	bc	29.89	+14	53	51	0	WSW	4	rq	4	62	51	d, c, bc	7.0	0.04	
	Malin Head...	29.89	59	W	4	cm	30.06	+24	54	54	-2	W	3	o	4	62	52	o, cm	*	-	
	Blacksod Pt. ...	29.93	60	SW	4	bc	30.15	+29	57	54	0	WSW	3	bc	2	61	53	c, bc	*	0.01	
	Valencia...	30.03	59	SSW	2	om	30.24	+29	58	54	0	W	3	bc	4	62	55	c, om	0.4	0.02	
	Roche's Point...	30.03	60	SSW	4	c	30.21	+20	58	54	0	NW	3	bc	2	65	54	f, bc, c	*	0.02	
	Birr Castle...	29.98	62	SW	3	o	30.19	+25	57	52	-3	SW	3	c	4	69	50	bc, p, o	3.0	0.01	
	Donaghadee...	29.93	60	S	2	o	30.11	+16	58	54	+1	N	2	b	2	65	52	bc, o	*	-	
	Liverpool Obsy...	30.04	65	WSW	3	bc	30.12	+10	60	56	0	W	2	o	2	70	56	b, bc	*	-	
	Holyhead...	30.02	58	SW	4	om	30.11	+11	56	55	-2	WNW	1	o	1	62	53	f, c, om	*	0.07	
	Pembroke (St. Ann's Hd.)	30.07	58	SSW	4	o	30.16	+12	55	55	-2	NW	2	b	2	61	55	bc, op, f	12.0	0.01	
	Scilly (St. Mary's)...	30.13	63	SW	3	o	30.21	+14	59	56	0	WNW	3	c	2	66	58	o	7.9	0.02	
	Jersey (St. Aubins)...	30.15	66	WNW	4	b	30.26	+17	62	60	0	WSW	3	c	3	70	50	cm, bc	13.5	-	
	Portland Bill...	30.10	59	SW	4	b	30.16	+11	58	57	-2	WSW	4	om	3	62	57	b	*	-	
	Dungeness...	30.08	61	SW	4	b	30.16	+13	61	59	-2	SW	2	bc	1	65	56	f, b	12.8	-	
	Wick...	29.80	57	S	1	bc	29.89	+07	58	54	+3	SSW	1	b	2	67	49	-	*	-	
	Nairn...	29.81	63	W	3	c	29.92	+08	60	52	+1	WSW	3	c	1	71	49	-	*	-	
	Aberdeen...	29.87	64	SSW	2	c	29.98	+08	63	54	+5	WSW	2	bc	1	70	55	bc, c, b	8.5	-	
	Leith...	29.91	65	WSW	4	c	30.04	+11	64	56	+1	WSW	4	bc	*	73	55	c, p	*	0.04	
	North Shields...	29.96	69	SW	4	c	30.05	+09	63	56	+2	W	3	c	2	73	58	c	*	-	
	Spurn Head...	30.00	61	SSE	3	bc	30.06	+09	62	59	+2	WSW	3	c	2	69	58	b, bc, w	*	-	
	Yarmouth...	30.01	67	S	3	b	30.09	+11	66	59	+3	WSW	3	bm	2	70	57	bm, b	*	-	
	Clacton-on-Sea...	30.04	67	S	1	b	30.13	+12	67	62	+1	SW	2	bc	1	69	55	bcm, bc	14.1	-	
	Nottingham...	30.01	73	W	2	b	30.10	+10	62	59	0	W	1	o	*	76	56	b	9.5	-	
	Bath...	30.10	69	NW	3	b	30.18	+13	63	59	+3	W	3	o	*	71	55	-	7.5	-	
	Oxford...	30.09	65	WSW	1	b	30.16	+12	62	59	+3	SW	1	od	*	74	55	c, bc, b	*	-	
	London (St. James' Park)	30.05	73	W	2	b	30.16	+13	64	61	+3	W	2	c	*	75	56	b, bc, b	9.5	-	
GERMANY, &c.	The Scaw (Skagen)...	30.03	61	NW	1	b	30.08	+14	56	55	-7	WNW	3	f	1	68	55	*	*	-	
	Fanö...	30.12	56	NW	2	f	30.13	+15	58	57	-2	WNW	1	f	*	66	54	*	*	-	
	Cuxhaven...	30.07	61	NW	4	o	30.13	+16	62	60	+2	N	1	b	*	63	57	*	*	-	
	The Helder...	30.10	65	Z	0	b	30.12	+09	64	61	0	WSW	1	b	1	66	52	*	*	-	
	Brussels...	*	*	*	*	*	30.18	+14	62	59	0	SW	2	b	*	76	54	*	*	-	
	Berlin...	29.97	61	NNW	3	o	30.06	+26	64	63	+3	Z	0	o	*	64	61	*	*	0.16	
	Frankfurt...	30.13	63	SW	1	o	30.16	+15	59	58	-1	SW	1	f	*	75	59	*	*	-	
	Munich...	30.11	60	W	2	bc	30.18	+17	60	54	+1	W	2	b	*	64	48	*	*	0.04	
FRANCE.	C. Gris Nez...	30.09	60	WSW	3	b	30.18	+15	58	57	-2	SSW	3	f	3	68	55	*	*	-	
	Brest...	30.16	65	W	2	b	30.25	+15	60	59	+2	W	3	o	3	68	55	*	*	-	
	Lorient...	30.11	67	W	4	b	30.21	+17	63	59	+6	W	2	b	1	77	54	*	*	-	
	Rochefort...	30.12	68	NW	2	b	30.24	+19	66	63	+1	NNW	1	b	*	77	63	o, b	*	-	
	Biarritz...	30.16	66	WNW	4	o	30.26	+17	66	64	+3	Z	0	o	2	70	63	*	*	-	
	Paris...	30.09	73	Z	0	b	30.23	+17	63	58	+2	NNE	2	c	*	79	?	*	*	-	
	Belfort...	30.02	71	E	4	m	30.17	+15	60	56	0	E	4	m	*	74	57	*	*	-	
	Lyons...	30.01	76	N	2	b	30.17	+16	65	58	+3	N	2	b	*	80	59	*	*	-	
Nice...	29.96	67	SE	1	c	30.05	+17	68	64	0	E	1	c	1	75	59	*	*	-		
Perpignan...	30.03	75	NE	1	b	30.15	+16	71	63	+7	W	2	b	*	78	64	*	*	0.12		
SPAN. PEN.	Coruana...	30.20	66	NNW	5	b	30.29		64	61		N	1	f	2	68	59	*	*	-	
	Lisbon...	30.02	65	NNW	5	b	30.09	+04	72	63	+6	N	4	b	*	73	65	*	*	-	
	Azores (P. Delgada)...	30.36	67	N	1	b	30.33	+02	69	67	-1	NE	3	r	3	75	66	*	*	-	
	" (Horta)...	30.38	68	Z	0	b	30.37	+02	70	66	+2	Z	0	b	1	77	64	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) 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 Littleton-on-Sea.

\* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.



# WEATHER CHARTS

FOR *Sunday, 8<sup>th</sup> July, 1906.*

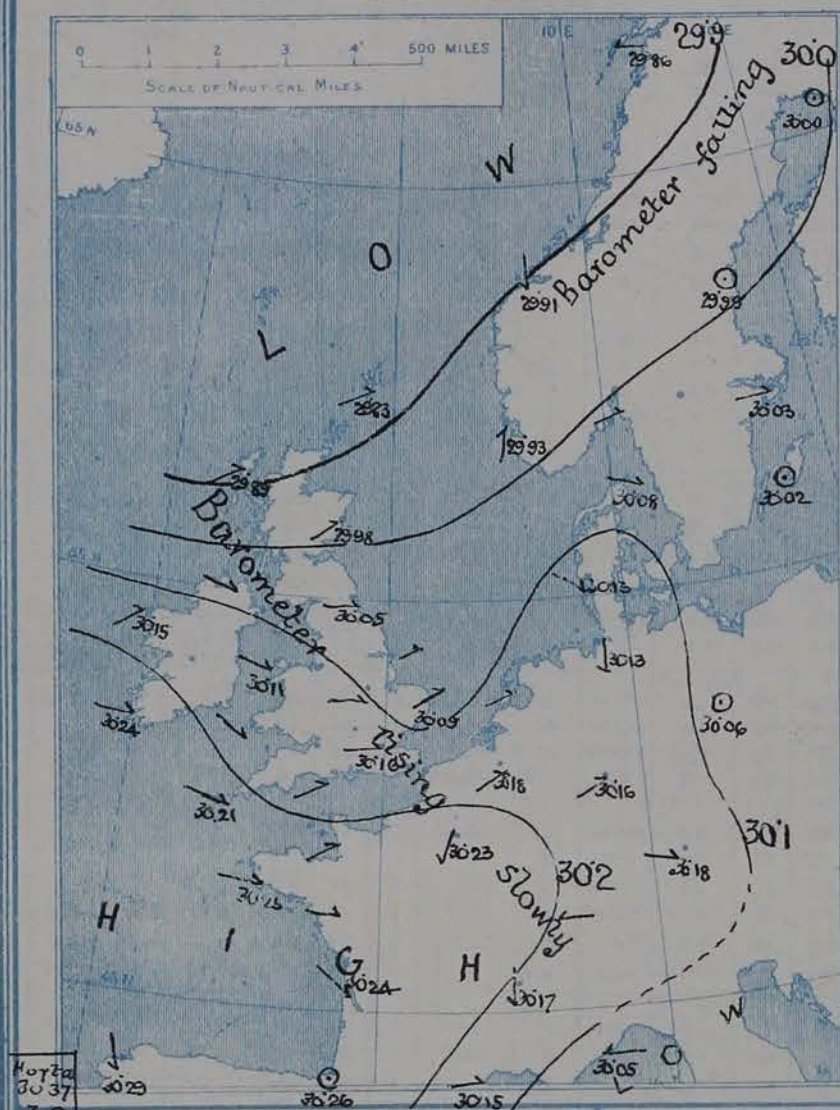
## I. BAROMETER, WIND AND SEA. *This Morning.*

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 26 weeks ended Saturday 30<sup>th</sup> June 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. Averages of DAILY TEMPERATURE at 8 A.M. for the monthly period

**JULY**

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The barometer is now highest, 30.2 ins. and upwards, in an anticyclone lying over France, the Bay of Biscay, the north of Spain and the extreme southwest of these Islands, and lowest, 29.9 ins. and less, in a large shallow area lying to the northward of the United Kingdom and the west of Norway. A slight rise of the mercury is reported in most places, but in Norway and the north of Sweden the barometer is falling slowly.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is light to moderate from the W<sup>W</sup> or S.W<sup>W</sup> over northwestern Europe as a whole, but is variable in Germany and N.<sup>W</sup> over the greater part of France. In the western parts of the Spanish Peninsula it varies between N. and E. Temperature has risen in most places. The morning readings in these Islands range from 67° at Blacton-on-Sea, 66° at Yarmouth and 60° and upwards over the eastern and central parts of Great Britain generally to 54° at Malin Head and 53° at Stornoway. The highest Continental temperatures are reported respectively from Sweden and from the south of France. At Stockholm the thermometer stands at 72° and at Haparanda at 70°; while in the south of France a reading of 71° is reported at Perpignan and a reading of 68° at Nice. The weather is fair or fine over Western Europe as a whole, but is dull in West and Central England and also on our extreme northwest coasts, with rain at Stornoway. Fog prevails on the Danish coasts and also at Cape Gris Nez and Frankfort. The sea is moderate on our extreme western and northern coasts, slight or smooth elsewhere.

During yesterday the thermometer rose to 70° and upwards in most parts of Great Britain, to 75° in London and to 76° at Nottingham. On our extreme western coasts the maximum readings were very little above 60°. Between 11 and 13 hours of bright sunshine were registered on many parts of our western and southern coasts, and more than 14 hours at Blacton-on-Sea, Folkestone and Eastbourne. Slight rain has again fallen in the west and also at Leith, but over Great Britain as a whole the weather has remained fair.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on 9<sup>th</sup> July, 1906.

### 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.



## DAILY WEATHER REPORT.

8<sup>TH</sup> JULY, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	67	48	*	3.5	-	†Brighton ...					
Blackpool, to 9 p.m. ...	66	51	b, c, b	9.2	-	†Eastbourne, to 6 p.m. ...	67	56	b, c	14.5	-
Southport, to 9 p.m. ...	67	62	b, c	10.5	-	Bexhill-on-Sea, to 9 p.m. ...					
Rhyl, to 6 p.m. ...	69	60	o, c, b	10.8	-	†Hastings ...	*	*	*	12.5	*
Llandudno, to 9 p.m. ...	68	55	b, c, p	10.8	-	†Folkestone, to 6 p.m. ...	67	56	b	14.2	-
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m. ...	66	54	b, c, o	5.8	-	Margate, to 6 p.m. ...	74	54	b	11.6	-
Aberystwyth, to 6 p.m. ...	64	55	o, c, b	9.5	-	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	67	57	c, b, b, c	11.0	-	†Skegness ...	68	55	b, c	9.5	-
Torquay, to 6 p.m. ...			*			Scarborough, to 6 p.m. ...			*		
†Bournemouth, to 6 p.m. ...						†Harrogate, to 6 p.m. ...	72	50	b	13.0	-
Bognor, to 6 p.m. ...	*	*	b, c, b	12.0	*	Darwen, to 9 p.m. ...					
†Worthing ...	66	60	*	11.9	-	Manchestex, to 9 p.m. ...	73	51	c, b, b, c	7.0	-
						Birmingham, to 9 p.m. ...	72	56	c	8.2	0.04

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 7 <sup>TH</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	66	57	b, b	-	Rome ...	80	63	b, c	-
Aix-la-Chapelle ...	66	50	b, c	0.32	Naples ...	78	66	b, b	-
Copenhagen ...	70	59	o, c	-	Malta ...	82	70	b	-
Oxö (Christiansand) ...	61	57	o, o	-	Geneva ...	6 <sup>TH</sup> July, 1906. 1 p.m.		1 p.m.	Measured 7 a.m.
St. Petersburg ...	79	54	o, o	-	Berne ...	72	*	b	0.20
Vienna ...	72	61	o, o	0.32	Lucerne ...	68	*	c	0.32
Buda-Pesth ...	84	63	b, o	0.71	Coire ...	57	*	*	1.26
Hermanstadt ...	88	59	c, o	0.39	St. Gotthard ...	59	*	o	0.79
Trieste ...	75	63	b, b, c	0.83	Lugano ...	43	*	b	0.47
Florence ...	79	63	b, b	-		79	*	b	0.63

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	8 <sup>TH</sup> July, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	3.41	11.53	8.15
Holland ...	7 a.m. ( " )	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	3.54	12.5	8.16
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	3.20	12.17	9.13
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	4.32	12.42	8.59
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.				

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Monday,

Meteorological Office, London.

9<sup>TH</sup> JULY, 1906.

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.	Rainfall.
		At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Change since Yester- day.				Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Max.	Min.									
SCANDINAVIA.	Haparanda...	Ins.	29.97	69	Z	0	b	29.89	-11	70	64	0	SW	2	c	*	84	61	*	*	Hours.	Ins.	
	Hernösand ...	29.91	61	Z	0	b	29.94	-05	67	58	0	N	4	b	*	72	52	*	*	*	-		
	Stockholm ...	29.99	70	SW	2	b	30.01	-02	68	61	-4	W	2	b	*	82	61	*	*	*	-		
	Wisby... ..	30.02	63	Z	0	b	30.05	+03	66	60	+9	Z	0	b	*	68	54	*	*	*	-		
	Karlstad ...	30.00	67	SW	2	bc	30.05	+02	65	60	+1	SW	2	b	*	*	*	*	*	*	-		
	Færder (X'ania Fjord)	30.01	65	SW	5	m	30.08	+06	62	54	-1	N	2	b	1	65	61	*	*	*	-		
	Bodö ... ..	29.89	60	SE	2	b	29.98	+12	54	52	-10	SW	4	o	2	64	48	*	*	*	-		
	Christiansund ...	29.99	59	W	2	c	30.08	+17	57	51	-2	Z	0	o	1	59	54	*	*	*	0.12		
Skudesnaes ...	30.15	56	NNW	2	b	30.22	+29	56	54	-1	E	2	c	2	57	48	7, b	*	*	-			
BRITISH ISLANDS.	Sumburgh Head	29.98	55	WSW	6	c	30.02	+19	52	49	-3	WSW	4	c	3	58	49	c	*	*	0.02		
	Stornoway ...	30.02	58	W	4	c	30.04	+15	55	52	+2	SW	4	c	4	60	51	o, c	*	6.3	0.02		
	Malin Head ...	30.18	57	W	4	c	30.22	+16	58	58	+4	W	4	cm	4	61	54	b, c	*	*	-		
	Blacksod Pt. ...	30.24	59	WSW	4	b	30.25	+10	59	56	+2	SW	5	bc	4	60	54	c, b	*	*	-		
	Valencia ... ..	30.33	60	W	3	b	30.36	+12	58	54	0	Z	0	o	4	61	46	bc, b	12.0	*	-		
	Roche's Point ...	30.30	62	NNW	3	c	30.38	+17	55	52	-3	Z	0	b	1	66	50	c	*	*	-		
	Birr Castle ...	30.27	61	WSW	3	c	30.34	+15	56	54	-1	SW	2	o	*	64	46	-	*	6.7	-		
	Donaghadee ...	30.22	57	NE	3	c	30.31	+20	55	52	-3	WSW	1	b	1	67	45	bc, m	*	*	-		
	Liverpool Obsy...	30.24	60	WNW	1	b	30.32	+20	59	53	-1	W	1	c	2	63	53	-	*	*	-		
	Holyhead ... ..	30.26	60	NW	1	b	30.33	+22	59	57	+3	WNW	2	bc	1	63	53	b	*	*	-		
	Pembroke (St. Ann's Hd.)	30.28	58	NW	2	b	30.34	+18	57	54	+2	NNW	4	bc	2	63	51	bc	12.4	*	-		
	Scilly (St. Mary's) ...	30.32	61	WNW	3	bc	30.35	+14	60	57	+1	NNW	1	bc	2	64	57	bc	12.0	*	-		
	Jersey (St. Aubins) ...	30.27	62	W	3	o	30.30	+04	61	58	-1	WNW	3	c	3	66	54	c, ogm	1.6	*	-		
	Portland Bill ...	30.20	60	WSW	3	b	30.27	+11	60	55	+2	N	4	c	3	62	57	c, b	*	*	-		
	Dungeness ... ..	30.19	62	SW	4	c	30.25	+09	56	56	-5	ESE	1	f	1	64	54	o, c	6.4	*	-		
	Wick ... ..	30.06	57	W	3	c	30.08	+19	55	54	-3	SW	2	c	2	63	50	-	*	*	-		
Nairn ... ..	30.08	61	W	2	c	30.11	+19	58	52	-2	WSW	3	c	2	65	50	-	*	*	-			
Aberdeen ... ..	30.10	60	NE	2	c	30.15	+20	61	54	-2	SSW	1	b	1	71	46	bc, c	10.7	*	-			
Leith ... ..	30.15	65	W	4	b	30.23	+19	61	55	-3	WSW	4	bc	*	69	51	-	*	*	-			
North Shields ...	30.16	67	WNW	3	bc	30.27	+22	62	55	-1	WSW	2	b	2	71	55	-	*	*	-			
Spurn Head ... ..	30.16	60	ESE	3	bc	30.28	+22	58	55	-4	NNE	4	c	3	70	55	-	*	*	-			
Yarmouth ... ..	30.16	65	E	3	bc	30.25	+16	60	56	-6	SE	3	c	3	70	58	c, bc	*	*	-			
Clacton-on-Sea ...	30.17	69	Z	0	c	30.26	+13	63	62	-4	ESE	3	bc	3	73	60	bc, c	8.7	*	-			
Nottingham ... ..	30.16	72	WNW	2	c	30.28	+18	65	57	+3	N	2	b	*	76	53	bc, c	7.1	*	-			
Bath ... ..	30.21	67	NW	3	c	30.32	+14	61	54	-2	NNE	1	c	*	72	53	-	*	8.0	-			
Oxford ... ..	30.21	67	W	1	b	30.29	+13	62	56	0	NNE	2	b	*	76	51	-	*	*	-			
London (St. James' Park)	30.17	72	WSW	1	b	30.26	+10	65	60	+1	Z	0	b	*	72	56	o, c, bc	6.3	*	-			
GERMANY, & C.	The Scaw (Skagen)	30.09	59	WNW	2	f	30.12	+04	60	57	+4	W	4	b	1	66	55	*	*	*	-		
	Fanö ... ..	30.16	58	SW	1	f	30.23	+10	59	56	+1	NW	3	f	*	68	55	*	*	*	-		
	Cuxhaven ... ..	30.15	62	Z	0	b	30.22	+09	64	62	+2	N	3	c	*	68	59	*	*	*	-		
	The Helder ... ..	30.20	62	W	2	c	30.28	+16	62	57	-2	N	2	b	2	64	57	*	*	*	-		
	Brussels ... ..	*	*	*	*	*	30.29	+11	61	59	-1	NE	1	o	*	78	56	*	*	*	-		
	Berlin ... ..	30.10	70	Z	0	r	30.16	+10	66	61	+2	NW	2	b	*	81	61	*	*	*	0.16		
	Frankfurt ... ..	30.22	62	NE	1	o	30.23	+07	63	61	+4	SE	1	o	*	66	59	*	*	*	-		
	Munich ... ..	30.20	70	W	5	b	30.24	+06	60	57	0	NW	1	c	*	70	52	*	*	*	-		
FRANCE.	C. Gris Nez ... ..	30.24	59	WSW	3	m	30.29	+11	58	58	0	SW	1	f	1	63	55	*	*	*	-		
	Brest ... ..	30.29	63	N	4	bc	30.33	+08	57	55	-3	NNW	3	b	2	70	52	*	*	*	-		
	Lorient ... ..	30.26	66	W	3	c	30.32	+11	57	55	-6	N	3	b	1	77	54	*	*	*	-		
	Rochefort ... ..	30.23	69	NW	3	b	30.26	+02	66	63	0	NNE	1	c	*	75	64	b	*	*	-		
	Biarritz ... ..	30.27	70	NW	1	bc	30.30	+04	67	65	+1	W	2	c	1	73	63	*	*	*	-		
	Paris ... ..	30.21	74	NNW	2	b	30.27	+04	64	62	+1	NNE	2	o	*	80	55	*	*	*	-		
	Belfort... ..	30.21	61	Z	0	m	30.21	+04	61	59	+1	E	3	m	*	73	53	*	*	*	0.08		
	Lyons ... ..	30.15	78	NNE	2	b	30.23	+06	64	59	-1	NW	1	b	*	83	60	*	*	*	-		
Nice ... ..	30.07	68	SE	1	c	30.08	+03	70	63	+2	SW	1	bc	1	77	59	*	*	*	-			
Perpignan ... ..	30.12	80	W	3	b	30.17	+02	75	66	+4	W	3	b	*	85	71	*	*	*	-			
SPAN. PEN.	Corunna ... ..																	*	*	*	-		
	Lisbon ... ..	30.09	79	N	5	b	30.12	+03	77	62	+5	NNE	4	b	*	86	70	*	*	*	-		
	Azores (P. Delgada)...	30.36	70	NE	4	b	30.37	+04	71	66	+2	NE	4	b	3	77	66	*	*	*	-		
„ (Horta) ... ..	30.40	70	NNE	2	b	30.41	+04	70	66	0	NNE	2	o	2	75	68	*	*	*	-			

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) 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, 9<sup>TH</sup> JULY, 1906.

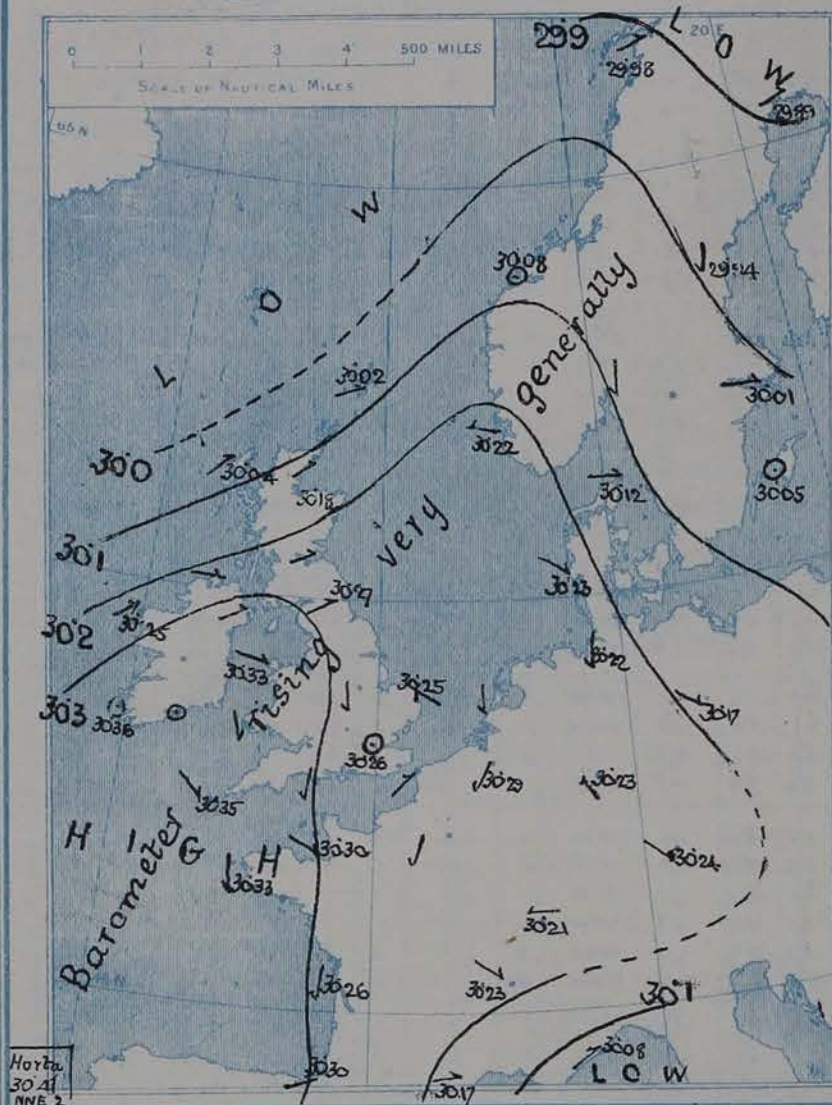
## I. BAROMETER, WIND AND SEA. This Morning.

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

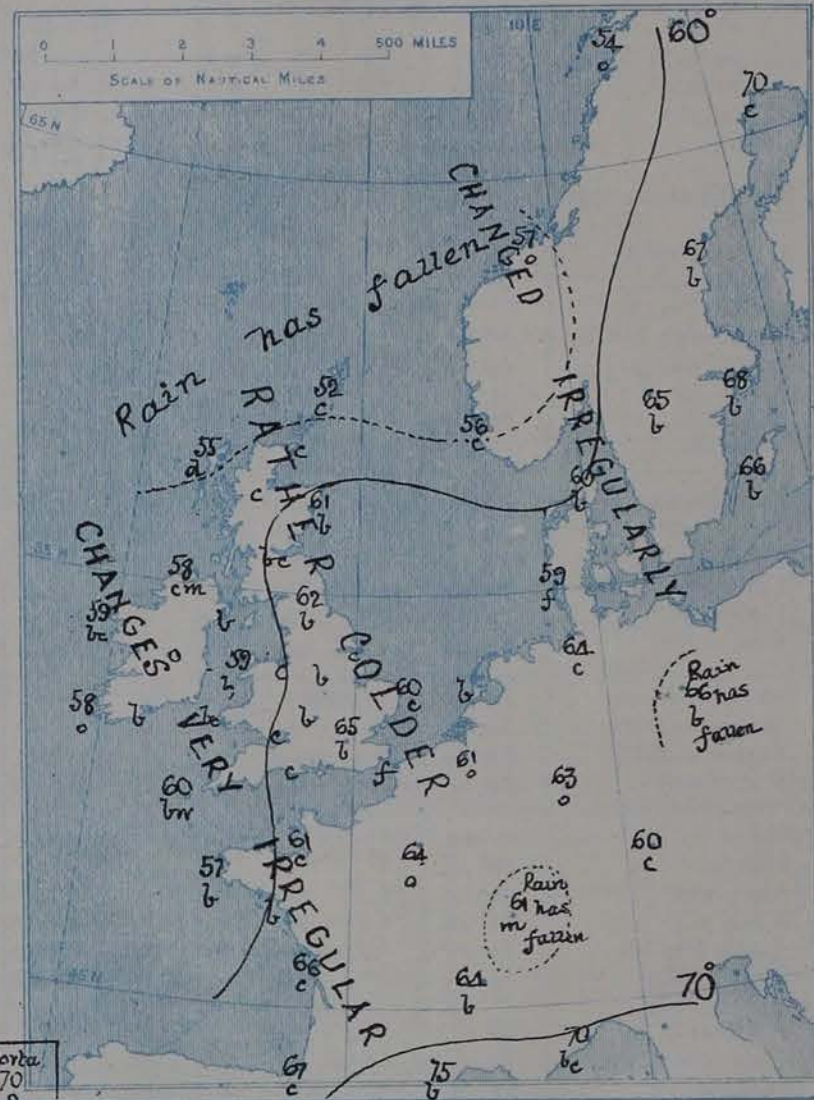


## II. TEMPERATURE AND WEATHER. This Morning.

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, 30<sup>TH</sup> June, 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.

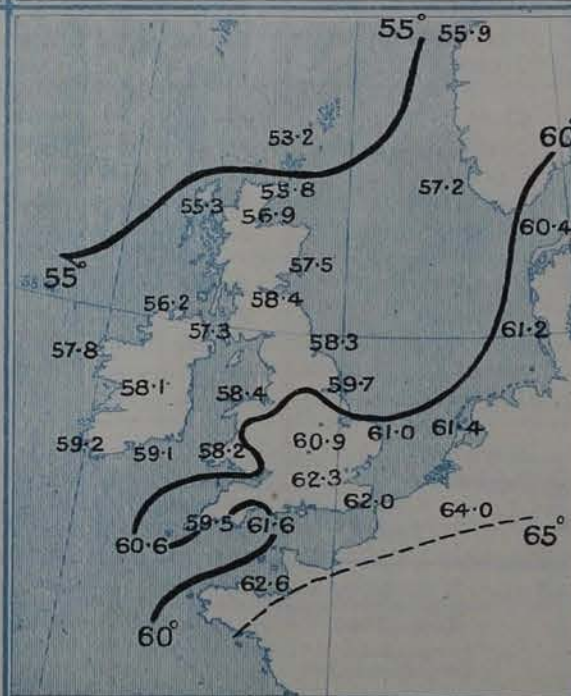


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

A large anticyclone has extended from the southwestward over nearly the whole of Western Europe, the central part of the system, with readings exceeding 30.3 ins., being at present situated over the western portions of the United Kingdom, the northwest of France and the Bay of Biscay. The lowest pressures, 29.9 ins. and less, are reported over Lapland, but readings are somewhat low, 30.1 ins. and less, over the Riviera. The barometer is rising slowly in most places, but is inclined to fall on our own extreme northwest coasts.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light to moderate from the S.W.<sup>nd</sup> over the northern parts of these Islands, and also in the extreme north of Scandinavia, but in most other localities it varies between N. and N.W. On the east and southeast coasts of England, however, there is a light breeze from the S.E.<sup>nd</sup>, while in the south of Ireland the wind is calm. Temperature has changed rather irregularly, but along our own north and east coasts there has been a general decrease. Over the eastern and central parts of Great Britain the morning readings are above 60°, and in London and at Nottingham the thermometer stands at 65°. On several parts of our western and extreme northern coasts the readings are no higher than 55°. In Sweden the weather continues very warm, most of the morning temperatures being above 65°; at Haparanda the thermometer is as high as 70°. The weather is fair or fine over Western Europe as a whole, but is dull over Belgium and the northeast of France, as well as on the west coasts of Norway. Thick fog prevails in the Straits of Dover. The sea is slight or smooth generally, but moderate off the west coasts of Ireland and Scotland.

During yesterday the thermometer rose to between 70° and 75° in many parts of Great Britain, and reached 76° at Nottingham and Oxford. At Paris it rose to 80°, and at Berlin to 81°, while in Sweden the readings were still higher, a maximum of 84° being recorded as far north as Haparanda. The amount of bright sunshine yesterday varied considerably in different places. On our southwest coasts it was considerable, - as many as 12 hours being registered at Valencia and Sillery, and more than 12 hours at Pembroke.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone appears to be fairly well established, and fine, warm weather is likely to continue for the present in nearly all parts of our area. On our extreme north and northwest coasts, however, the conditions will be affected by depressions moving over the upper portions of the Atlantic.

## FORECASTS\*

For the 24 hours ending at NOON on 10<sup>TH</sup> July, 1906.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	{ S.W. <sup>s</sup> winds, moderate or fresh; cool, cloudy, some rain
1	{ SCOTLAND EAST	{ S.W. <sup>s</sup> winds, light; fine generally
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

Light breezes, chiefly from the  
N.<sup>rd</sup> or N.W.<sup>nd</sup>; fine, warm.

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	Same as No. 0
7	{ ENGLAND N.W.	{ W. <sup>s</sup> and S.W. <sup>s</sup> winds, light; fair, warm.
8	{ ENGLAND S.W.	Same as Nos. 3 to 5.
9	{ IRELAND NORTH	{ S.W. <sup>s</sup> winds, moderate or fresh; fine at first, some showers later.
10	{ IRELAND SOUTH	{ Variable or light S. <sup>s</sup> airs; fair generally.

### WARNINGS

NONE ISSUED.

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

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



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...			*			†Brighton ... ..	65	52	*	2.5	-
Blackpool, to 9 p.m. ...	63	55	o, b	8.5	0.09	†Eastbourne, to 6 p.m. ...	64	55	?	10.4	-
Southport, to 9 p.m. ...	65	56	b	9.3	-	Bexhill-on-Sea, ... ..	66	54	?	9.0	-
Rhyl, to 6 p.m. ...	67	55	b, o, b	7.7	-	†Hastings ... ..	*	*	*	8.4	*
Llandudno, to 9 p.m. ...	66	53	bcp	8.8	0.08	†Folkestone, to 6 p.m. ...	67	52	b, bc, o, c	7.9	-
Bettws-y-Coed, to 6 p.m.						Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m. ...	65	57	od, bc, b	6.0	0.04	Margate, to 6 p.m. ...	72	55	b, o	5.9	-
Aberystwyth, to 6 p.m. ...	60	55	r, c, b	5.0	0.03	Lowestoft, to 6 p.m. ...	72	56	?	6.7	-
Plymouth, to 9 p.m. ...						Skegness ... ..	73	53	?	7.6	-
Torquay, to 6 p.m. ...	74	58	*	7.3	-	Scarborough, to 6 p.m. ...	70	57	*	4.7	-
†Bournemouth, to 6 p.m. ...	72	54	-*	4.9	-	Harrogate, to 6 p.m. ...	71	56	b, c, b	9.7	-
Bognor, to 6 p.m. ...	*	*	c	6.2	*	Darwen, to 9 p.m. ...					
†Worthing ... ..	65	?	*	8.0	-	Manchestex, to 9 p.m. ...	68	57	c, b, bc	10.0	0.01
						Birmingham, to 9 p.m. ...	74	55	c	6.5	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	Observations not received.				Rome 8 <sup>th</sup> July, 1906. ... ..	Observations not received.			
Aix-la-Chapelle... ..					Naples ... ..				
Copenhagen ... ..					Malta ... ..				
Oxö (Christiansand)... ..					Geneva 7 <sup>th</sup> July, 1906. ... ..	1 p.m.		1 p.m.	Measured 7 a.m.
St. Petersburg ... ..					Berne ... ..		*		
Vienna ... ..					Lucerne ... ..		*		
Buda-Pesth ... ..					Coire... ..		*		
Hermanstadt ... ..					St. Gotthard ... ..		*		
Trieste ... ..					Lugano ... ..		*		
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 ... ..	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ... ..	7 a.m. ( " )	7 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.
Belgium ... ..	7 a.m. (West European)	7 a.m.	Not published	—
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.

9 <sup>th</sup> July, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ... ..	3.42	11.58	8.14
Greenwich ... ..	3.55	12.5	8.15
Wick ... ..	3.21	12.17	9.12
Valencia ... ..	4.23	12.46	8.59

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 8 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Tuesday,

Meteorological Office, London.

10<sup>TH</sup> JULY, 1906.

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.	Rainfall.		
		At 32° Fahr. 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...	Ins.	29.95	62	NW	2	b	30.14	+25	64	54	-6	NW	2	b	*	72	57	*	*	0.32	
	Hernösand ...		30.09	60	Z	0	b	30.21	+27	62	53	-5	E	4	b	*	72	55	*	*	-	
	Stockholm ...		30.10	68	ENE	2	b	30.15	+14	70	58	+2	NE	2	b	*	79	63	*	*	-	
	Wisby...		30.09	68	SW	2	b	30.10	+05	75	64	+9	SE	2	b	*	75	59	*	*	-	
	Karlstad ...		30.09	69	Z	0	b	30.13	+08	64	60	-1	ESE	2	b	*	*	*	*	0.39		
	Färder (X'ania Fjord)		30.12	66	SW	2	b	30.11	+03	63	60	+1	ESE	1	c	2	66	61	*	*	0.39	
	Bodö ...		30.04	54	S	2	o	30.13	+15	53	51	-1	SW	2	+	1	55	48	*	*	-	
	Christiansund ...		30.12	57	NE	3	c	30.11	+03	60	55	+3	Z	0	bc	1	61	54	*	*	-	
BRITISH ISLANDS.	Skudesnaes ...		30.22	58	W	2	b	30.11	-11	57	54	+1	Z	0	b	1	63	48	*	*	-	
	Sumburgh Head		30.05	54	WSW	3	o	30.05	+03	51	49	-1	WSW	2	c	3	56	48	o	*	0.06	
	Stornoway ...		30.06	56	W	3	+	30.09	+05	50	49	-5	WSW	1	bp	1	56	44	2.7	0.0	0.33	
	Malin Head ...		30.18	57	WNW	4	om	30.19	-03	53	53	-5	WNW	1	c	2	61	52	c,om	*	-	
	Blacksod Pt. ...		30.24	59	WSW	3	bc	30.26	+01	55	52	-4	NW	3	c	3	61	51	2,6c	*	0.02	
	Valencia ...		30.33	57	WSW	3	om	30.30	-06	56	55	-2	Z	0	o	4	64	54	6c,om	4.0	0.07	
	Roche's Point ...		30.33	61	WSW	4	c	30.30	-08	57	55	+2	NW	1	o	1	63	54	c	*	0.02	
	Birr Castle ...		30.28	62	WSW	3	c	30.27	-07	54	51	-2	WSW	3	c	*	63	50	-	2.2	-	
GERMANY, &c.	Donaghadee ...		30.26	59	SSW	2	o	30.22	-09	53	50	-2	SW	2	bc	1	64	53	0,c,6cm	*	-	
	Liverpool Obsy...		30.30	61	WNW	1	b	30.22	-10	56	54	-3	W	1	o	1	64	52	-	*	-	
	Holyhead ...		30.31	60	SW	2	b	30.21	-12	57	55	-2	W	2	o	1	65	52	b	*	-	
	Pembroke (St. Ann's Hd.)		30.32	56	NW	3	b	30.25	-09	54	53	-3	NNW	3	og	3	60	53	6c	13.9	-	
	Scilly (St. Mary's)		30.37	62	NNW	2	b	30.29	-06	58	55	-2	WNW	2	o	2	66	57	b	13.7	-	
	Jersey (St. Aubins)		30.28	66	NW	3	b	30.25	-05	61	57	0	WNW	3	bc	3	70	55	cm	11.5	-	
	Portland Bill ...		30.24	63	W	4	c	30.20	-07	60	56	0	NW	3	bc	2	67	55	c	*	-	
	Dungeness ...		30.23	60	ESE	1	bc	30.15	-10	61	58	+5	SW	2	c	1	63	55	f,6c	4.0	-	
FRANCE.	Wick ...		30.06	57	W	2	c	30.09	+01	56	55	+1	W	1	bc	1	65	47	-	*	-	
	Nairn ...		30.09	61	WSW	3	c	30.11	-00	55	51	-3	WSW	2	c	1	67	46	-	*	0.06	
	Aberdeen ...		30.12	64	NE	1	bc	30.13	-05	57	51	-4	NNW	2	o	1	67	55	c,6c,0	11.4	-	
	Leith ...		30.20	63	WSW	3	c	30.15	-08	59	53	-2	W	3	c	*	66	54	-	*	-	
	North Shields		30.23	65	WNW	3	o	30.15	-12	56	53	-6	SW	1	o	2	68	50	c	*	-	
	Spurn Head ...		30.24	58	ESE	3	b	30.18	-10	57	52	-1	N	4	c	2	65	56	-	*	-	
	Yarmouth ...		30.24	62	SE	3	b	30.17	-08	61	57	+1	Z	0	c	2	64	59	6c,6	*	-	
	Clacton-on-Sea ...		30.25	63	ENE	2	bc	30.16	-10	66	63	+3	Z	0	bc	0	67	61	6c,c	7.7	-	
SPAN. PEN.	Nottingham ...		30.24	69	WNW	2	cm	30.20	-08	59	54	-6	SW	1	cm	*	75	50	c,cm	11.4	-	
	Bath ...		30.26	67	NW	1	bc	30.24	-08	59	53	-2	NW	1	b	*	71	49	-	5.8	-	
	Oxford ...		30.25	65	N	1	b	30.22	-07	59	52	-3	N	1	bc	*	73	52	-	*	-	
	London(St.James' Park)		30.22	69	NE	1	og	30.18	-08	60	55	-5	NE	2	o	*	72	57	6c,op,0	6.0	-	
	The Scaw (Skagen)		30.15	60	W	2	b	30.13	+01	59	56	-1	W	3	c	1	64	55	*	*	-	
	Fanö ...		30.28	55	NW	1	b	30.23	-00	60	57	+1	W	1	bc	*	66	54	*	*	-	
	Cuxhaven ...		30.27	64	NW	4	b	30.23	+01	63	58	-1	N	2	b	*	64	59	*	*	-	
	The Helder ...		30.29	63	NE	2	bc	30.23	-06	63	57	+1	SE	1	o	1	63	57	*	*	-	
GERMANY, &c.	Brussels ...		*	*	*	*	*	30.19	-10	62	?	+1	SE	1	c	*	76	55	*	*	?	
	Berlin ...		30.16	75	NNW	1	b	30.17	+01	68	61	+2	Z	0	o	*	81	64	*	*	-	
	Frankfurt ...		30.21	69	N	1	c	30.16	-07	67	63	+4	N	2	c	*	79	63	*	*	-	
	Munich ...		30.21	64	Z	0	+	30.13	-11	64	62	+4	NW	2	c	*	72	57	*	*	0.12	
	C. Gris Nez ...		30.28	59	NNE	2	m	30.20	-09	60	59	+2	SSW	1	f	1	68	57	*	*	-	
	Brest ...		30.32	62	NW	5	b	30.30	-03	57	54	0	N	4	b	3	64	48	*	*	-	
	Lorient ...		30.20	73	NW	2	b	30.25	-07	59	55	+2	NE	2	b	1	73	54	*	*	-	
	Rochefort ...		30.24	68	NW	4	b	30.20	-06	65	61	-1	NW	1	b	*	77	63	c,6	*	-	
FRANCE.	Biarritz ...		30.28	72	WNW	2	b	30.22	-08	68	65	+1	NNW	3	o	2	73	61	*	*	-	
	Paris ...		30.22	75	ENE	1	b	30.18	-09	68	64	+4	Z	0	b	*	81	59	*	*	-	
	Belfort...		30.15	72	E	4	c	30.15	-06	62	62	+1	Z	0	f	*	76	56	*	*	-	
	Lyons ...		30.13	80	N	2	b	30.10	-13	69	62	+5	NNW	1	b	*	85	63	*	*	-	
	Nice ...		30.04	71	SW	1	c	30.02	-06	74	64	+4	E	1	b	2	77	63	*	*	-	
	Perpignan ...		30.11	83	NW	3	b	30.13	-04	77	67	+2	W	2	b	*	86	71	*	*	-	
	Corunna ...																				-	
	Lisbon ...		30.08	79	NNW	6	b	30.09	-03	78	65	+1	NNE	3	b	*	91	70	*	*	-	
SPAN. PEN.	Azores (P. Delgada)...		30.45	69	NE	4	c	30.49	+12	68	66	-3	NE	4	+	4	75	66	*	*	-	
	„ (Horta) ...		30.49	71	NE	2	o	30.52	+11	71	65	+1	NE	4	o	2	77	70	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 15°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered for 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

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

Tuesday, 10<sup>th</sup> July, 1906.

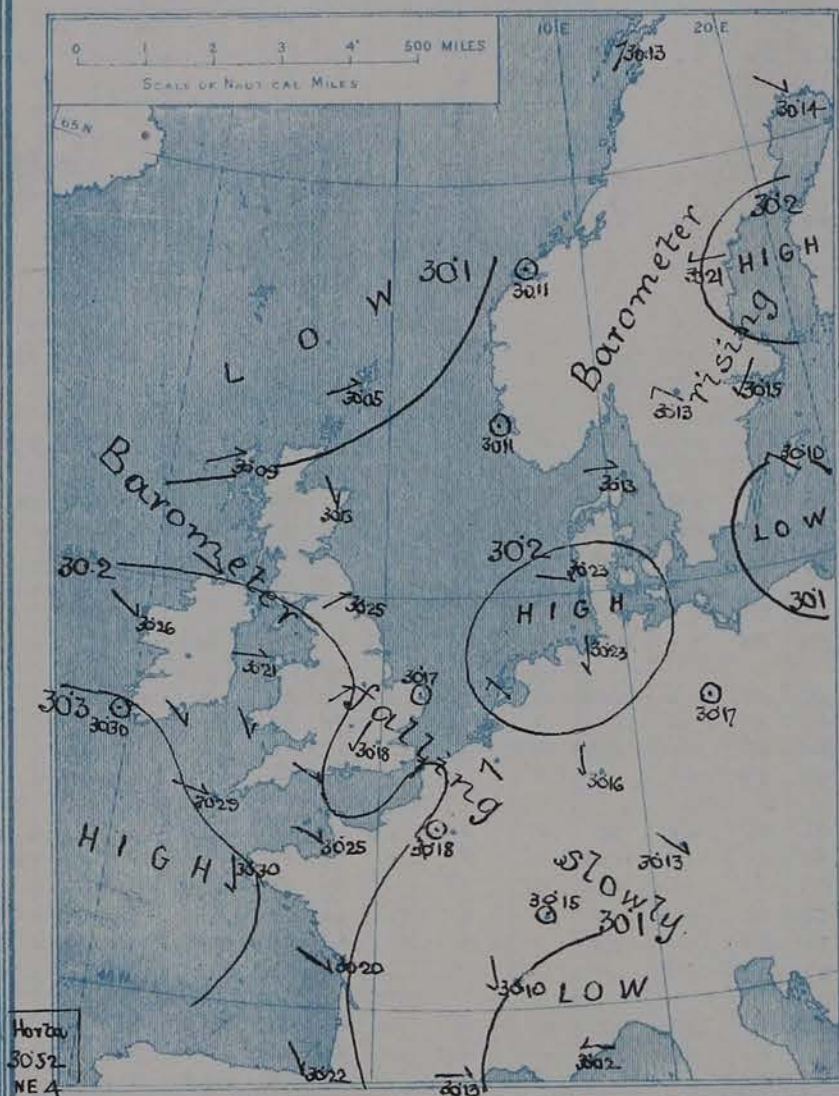
I. BAROMETER, WIND AND SEA. *This Morning.*

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

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

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

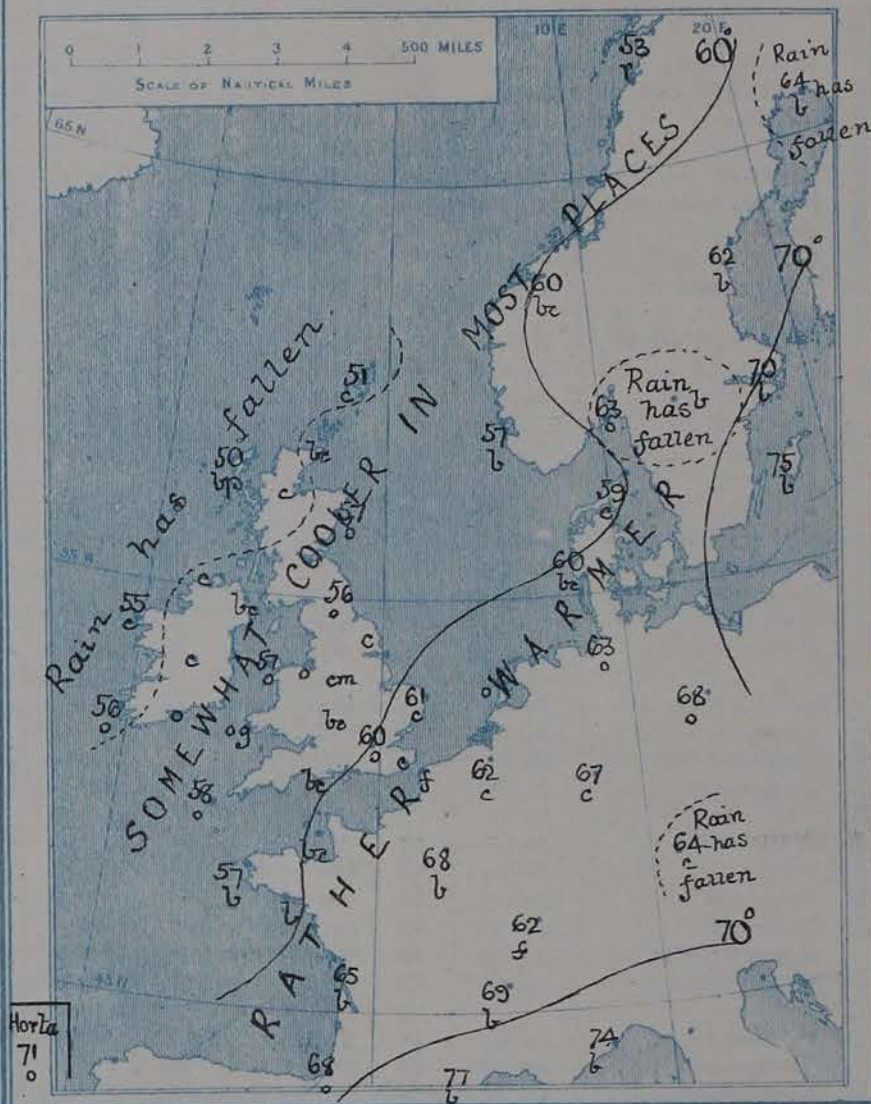
SEA.—Rough  High

II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each  $10^{\circ}$ .

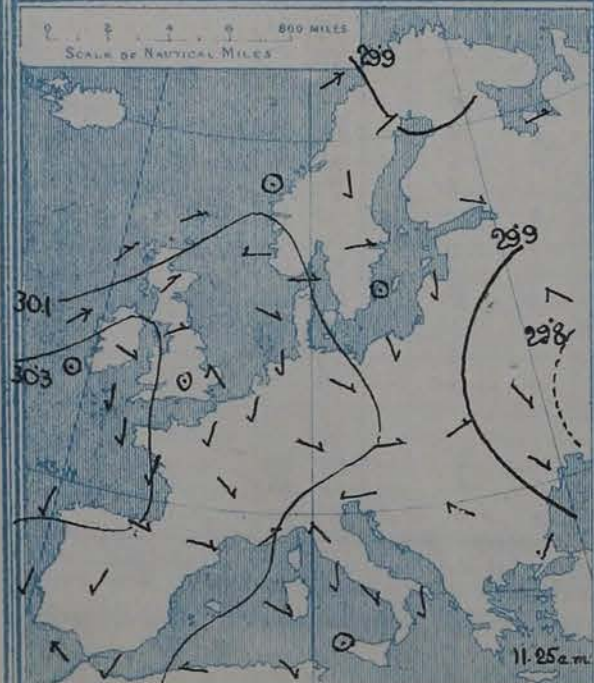
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.— $\left\{ \begin{array}{l} \text{A dotted line separates areas where rain has fallen from those} \\ \text{without rain. The fall in past 24 hours when exceeding half} \\ \text{an inch is shown thus - } 0\cdot6 \end{array} \right.$



### III. BAROMETER AND WIND

*Yesterday morning.*



#### IV. EXTREMES OF TEMPERATURE

*recorded*

*in various districts of the United Kingdom  
during the week ended 7<sup>th</sup> July 1906.*

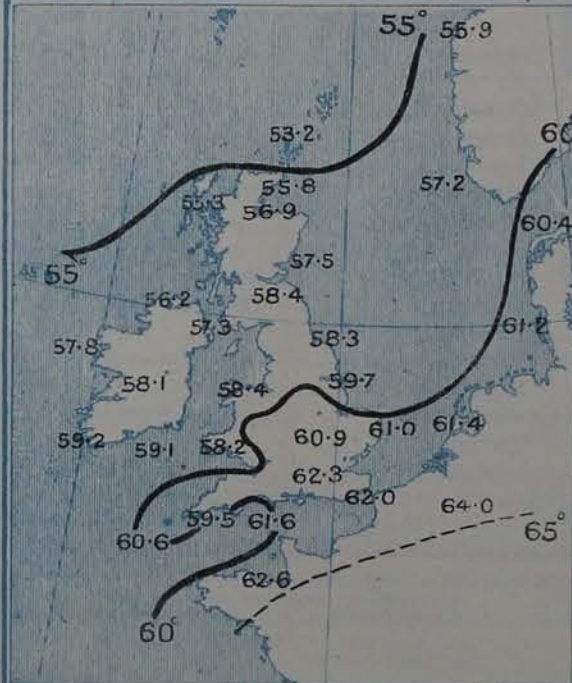


### V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

*JULY*

(Derived chiefly from Observations  
extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The distribution of pressure is becoming very irregular. The highest barometrical readings, 30.3 ins and upwards, are found in an area lying off our southwest coasts, but readings are above 30.2 ins. in two other systems lying respectively over the Netherlands and the southern part of the North Sea, and over the Gulf of Bothnia. Three areas of relatively low pressure are also in existence, - one lying to the northward of these Islands, another over the Baltic, and the third over the south of France. The changes in progress are slight, but the general tendency is for the barometres to fall.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light from the W<sup>nd</sup> over the northern parts of the United Kingdom, and from the NW<sup>nd</sup> or N<sup>nd</sup> at our southern and most of the French stations. In other parts of our area it is very variable.

Temperature has fallen in most parts of these Islands, and is now below 55° at many of our western and extreme northern stations, the lowest reading reported being 50° at Stornoway. On the east and southeast coasts of England the thermometer has risen, and at Blacton-on-Sea it stands at 66°. The highest Continental readings reported are 77° at Perpignan and 74° at Nice, but at Wiesby the thermometer stands at 75°, and at Stockholm at 70°.

The weather is fair or fine over Western Europe as a whole, but is dull in the south of Ireland, and also in Wales and the north of England. Fog prevails on the French side of the Channel, as well as at Belfort. Rain is falling at Bodi.

The sea is slight or smooth generally.

During yesterday the thermometer rose to 70° and upwards at many of our central and southern stations, and to 75° at Nottingham. At Paris and Berlin it touched 81°, and at Lyons it reached 85°. Considerable amounts of bright sunshine were recorded in many parts of Great Britain, but at some of the Channel stations the duration was small. Rain has fallen on our extreme western and northern coasts, as well as in several parts of Scandinavia.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone appears to be gradually breaking up, and the conditions are becoming favourable for the development of small shallow depressions over England and the neighbouring parts of the Continent. Cooler and somewhat less settled weather is therefore probable, with thunder showers in places.

## FORECASTS\*

For the 24 hours ending at NOON on 11<sup>th</sup> July, 1906.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	} Light breezes, chiefly W <sup>s</sup> ; fair generally, but some local showers
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	} Light and somewhat variable breezes; cool, cloudy, thunder showers in places.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	} N.W. <sup>s</sup> winds, light; cool, cloudy, local showers.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	} Same as Nos. 0 & 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.



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	67	52	*	5.2	-	†Brighton ... ..	61	54	*	4.2	-
Blackpool, to 9 p.m. ...	62	49	c, b, c	11.4	-	Eastbourne, to 6 p.m. ...	67	52	?	3.3	-
Southport, to 9 p.m. ...	65	50	c, b	11.5	-	Bexhill-on-Sea, ... ..	61	53	f	0.5	-
†Rhyl, to 6 p.m. ... ..	66	46	b, bc, b	12.3	-	†Hastings ... ..	*	*	*	8.9	*
Llandudno, to 9 p.m. ...	68	53	b, c	11.5	-	†Folkestone, to 6 p.m. ...	69	53	f, b, bc, b	3.9	-
Bettws-y-Coed, to 6 p.m.	65	42	d, bc	9.5	-	Broadstairs, to 6 p.m. ...	*	*	*	10.0	*
Towyn, to 6 p.m. ... ..	65	44	bc, b	13.0	-	†Margate, to 6 p.m. ...	73	57	b, o	11.0	-
Aberystwyth, to 6 p.m. ...	62	46	c, b, c	13.5	-	Lowestoft, to 6 p.m. ...	62	57	c, bc, o, o	3.0	-
Plymouth, to 9 p.m. ...	68	52	bc, b	10.2	-	†Skegness ... ..	63	54	r, c, bc	3.7	0.01
Torquay, to 6 p.m. ... ..	71	54	*	4.4	-	Scarborough, to 6 p.m. ...	66	54	*	10.0	-
†Bournemouth, to 6 p.m. ...	73	52	*	7.4	-	†Harrogate, to 6 p.m. ...	69	47	b	11.6	-
Bognor, to 6 p.m. ... ..	*	*	bc	8.2	*	Darwen, to 9 p.m. ... ..	67	46	bcv	8.0	-
†Worthing ... ..	65	59	*	9.6	-	Manchester, to 9 p.m. ...	68	46	b, c, bc	11.3	-
						Birmingham, to 9 p.m. ...	68	52	b, c	4.8	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

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

STATIONS. 9 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 9 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	72	57	b, b	-	Rome ... ..	81	62	b, o	-
Aix-la-Chapelle ... ..	73	61	c, c	-	Naples ... ..	79	68	b, c	-
Copenhagen ... ..	72	61	b, o	-	Malta ... ..	82	73	c	-
Oxö (Christiansand) ... ..	61	55	c, bc	-					
St. Petersburg ... ..	70	63	bc, r	0.59	Geneva 8 <sup>th</sup> July, 1906	1 p.m. observations not received			
Vienna ... ..	70	59	c, b	-	Berne ... ..	*	*		
Buda-Pesth ... ..	73	63	bc, b	0.04	Lucerne ... ..	*	*		
Hermanstadt ... ..	77	55	bc, b	-	Coire ... ..	*	*		
Trieste ... ..	75	66	o, bc	-	St. Gotthard ... ..	*	*		
Florence ... ..	88	66	b, r	-	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 ... ..	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ... ..	7 a.m. (,, ,)	7 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.
Belgium ... ..	7 a.m. (West European)	7 a.m.	Not published	—
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 1906.	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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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Wednesday,

Meteorological Office, London.

11<sup>TH</sup> JULY, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.	Weather.	Force (0 to 12.)	BAROMETER.	TEMPERATURE.				WIND.	Weather.	Sea (0 to 9.)	Temp.		Weather.	Sun- shine.	Rainfall.	Hours.	Ins.
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac. Wind.			At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac. Wind.			Max.	Min.					
SCANDINAVIA.	Haparanda...	30.15	62	Z	0	0	30.25	+11	68	59	+4	NE	2	0	73	54	*	*	-	*	-
	Hernösand...	30.16	59	ESE	2	0	30.02	-19	62	57	0	E	4	0	72	50	*	*	-	*	-
	Stockholm...	30.08	65	Z	0	0	29.96	-19	69	58	-1	W	2	0	79	63	*	*	-	*	-
	Wisby...	30.06	65	ENE	2	0	30.00	-10	67	63	-8	WSW	4	0	77	63	*	*	-	*	-
	Karlstad...	30.02	69	S	2	0	29.99	-14	60	55	-4	WSW	4	0	*	*	*	*	0.16	*	-
	Færder (X'ania Fjord)	30.02	60	S	4	0	29.95	-16	61	56	-2	Z	0	3	63	60	*	*	-	*	-
	Bodö...	30.06	54	SW	1	0	29.99	-14	50	50	-3	WNW	4	0	54	50	*	*	-	*	-
	Christiansund...	30.10	56	Z	0	0	30.08	-03	50	48	-10	N	2	1	59	50	*	*	0.63	*	-
BRITISH ISLANDS.	Skudesnaes...	30.08	57	NNW	4	0	30.10	-01	55	50	-2	NNW	6	2	61	48	0.0	*	-	*	-
	Sumburgh Head	30.09	53	W	3	0	30.10	+05	51	49	0	WSW	2	0	54	45	c, b	*	-	*	-
	Stornoway...	30.13	55	WNW	3	0	30.20	+11	52	49	+2	WNW	2	0	58	48	0, b, c	9.2	0.16	*	-
	Malin Head...	30.21	57	NW	4	0	30.29	+10	52	52	-1	N	3	0	59	50	b	*	-	*	-
	Blacksod Pt. ...	30.30	54	WNW	3	0	30.36	+10	54	52	-1	NW	2	0	60	50	b, c, p	*	0.06	*	-
	Valencia...	30.36	57	NW	4	0	30.41	+11	55	52	-1	WNW	3	0	61	53	b, c	9.8	0.01	*	-
	Roche's Point...	30.29	61	NNW	5	0	30.39	+09	55	52	-2	NNW	3	0	63	50	p, b, c	*	0.07	*	-
	Birr Castle...	30.28	58	WNW	2	0	30.35	+08	54	51	0	WNW	3	0	62	47	c, o, p	0.0	0.15	*	-
GERMANY, & C.	Donaghadee...	30.24	57	NNW	3	0	30.29	+07	55	51	+2	NNW	2	0	59	45	b, c, p	*	0.01	*	-
	Liverpool Obsy...	30.22	58	WNW	2	0	30.27	+05	55	50	-1	NW	2	0	59	53	o, d, b	*	0.03	*	-
	Holyhead...	30.25	56	NW	1	0	30.27	+06	54	51	-3	NNW	3	0	60	50	c, b	*	-	*	-
	Pembroke (St. Ann's Hd.)	30.25	58	NNW	3	0	30.30	+05	53	51	-1	NNW	4	0	59	50	b, c, d, w	7.4	0.01	*	-
	Scilly (St. Mary's)...	30.28	58	NNW	3	0	30.35	+06	57	54	-1	NNW	3	0	61	55	0	0.5	0.03	*	-
	Jersey (St. Aubins)...	30.23	63	WNW	4	0	30.27	+02	58	54	-3	NW	5	0	69	54	o, g, b, c, w	10.8	-	*	-
	Portland Bill...	30.19	59	W	3	0	30.23	+03	59	53	-1	NNW	5	0	65	53	0, b	*	0.01	*	-
	Dungeness...	30.12	64	ENE	1	0	30.14	-01	60	56	-1	NW	3	0	65	50	0	9.2	-	*	-
FRANCE.	Wick...	30.12	55	Z	0	0	30.14	+05	53	52	-3	W	1	0	60	44	-	*	0.40	*	-
	Nairn...	30.13	55	Z	0	0	30.18	+07	52	49	-3	SW	2	0	61	41	-	*	0.04	*	-
	Aberdeen...	30.17	52	ENE	1	0	30.20	+07	57	51	0	W	2	0	60	46	c, o, p, c	2.1	0.03	*	-
	Leith...	30.14	61	WNW	3	0	30.22	+07	58	51	-1	WSW	2	0	69	47	b, c, p	*	0.01	*	-
	North Shields...	30.14	59	SE	2	0	30.20	+05	53	49	-3	WSW	2	0	60	45	0, c	*	-	*	-
	Spurn Head...	30.15	58	N	1	0	30.17	-01	55	53	-2	NNW	3	0	64	54	+m	*	0.34	*	-
	Yarmouth...	30.13	63	NNE	3	0	30.13	-04	59	54	-2	NNE	4	0	66	52	c, b, c	*	0.01	*	-
	Clacton-on-Sea...	30.14	62	E	1	0	30.16	-00	56	55	-10	NW	2	0	70	51	b, c, d, w, o	8.1	-	*	-
SPAN. PEN.	Nottingham...	30.18	56	NW	1	0	30.20	-00	60	53	+1	NW	1	0	69	49	d, m, r	2.1	0.14	*	-
	Bath...	30.19	63	W	2	0	30.26	+02	57	52	-2	NE	2	0	66	47	-	4.6	-	*	-
	Oxford...	30.19	59	WNW	1	0	30.23	+01	56	51	-3	NNW	2	0	69	47	-	*	-	*	-
	London (St. James' Park)	30.15	62	NNW	3	0	30.20	+02	58	54	-2	NNW	2	0	71	52	c, o, p, o, b	3.4	-	*	-
	The Scaw (Skagen)	30.08	58	W	4	0	30.03	-10	60	56	+1	W	4	0	64	54	*	*	-	*	-
	Fanö...	30.16	57	WSW	2	0	30.13	-10	60	58	0	SW	4	0	66	55	*	*	-	*	-
	Cuxhaven...	30.17	64	NW	2	0	30.10	-13	60	57	-3	SE	2	0	64	57	*	*	-	*	-
	The Helder...	30.12	64	SE	3	0	30.06	-17	60	58	-3	NE	3	0	64	57	*	*	-	*	-
GERMANY, & C.	Brussels...	*	*	*	*	*	30.07	-12	58	56	-4	WNW	2	0	80	56	*	*	-	*	-
	Berlin...	30.10	72	NW	2	0	30.08	-09	68	61	0	NE	1	0	79	63	*	*	-	*	-
	Frankfurt...	30.08	66	E	1	0	29.99	-17	66	63	-1	NE	2	0	79	63	*	*	0.20	*	-
	Munich...	30.07	66	SW	1	0	30.03	-10	67	63	+3	SE	3	0	75	57	*	*	-	*	-
	C. Gris Nez...	30.17	60	NE	2	0	30.17	-03	57	56	-3	NNW	3	0	66	54	*	*	-	*	-
	Brest...	30.28	62	NW	4	0	30.31	+01	57	55	0	NNW	4	0	63	54	*	*	-	*	-
	Lorient...	30.18	69	N	3	0	30.25	-00	56	53	-3	NNE	4	0	73	52	*	*	-	*	-
	Rochefort...	30.23	64	NW	3	0	30.21	+01	62	?	-3	NNW	5	0	72	59	*	*	-	*	-
FRANCE.	Biarritz...	30.24	69	WNW	2	0	30.26	+04	66	64	-2	W	4	0	75	63	*	*	-	*	-
	Paris...	30.10	75	NNW	3	0	30.14	-04	58	55	-10	NNE	3	0	83	54	*	*	0.04	*	-
	Belfort...	30.01	76	SE	3	0	29.99	-16	64	63	+2	W	2	0	82	58	*	*	0.12	*	-
	Lyons...	30.03	82	NW	2	0	30.04	-06	75	64	+6	NE	1	0	87	65	*	*	-	*	-
	Nice...	29.99	73	Z	0	0	29.93	-09	72	66	-2	SE	1	0	82	63	*	*	-	*	-
	Perpignan...	30.07	84	W	2	0	30.10	-03	70	62	-7	W	3	0	89	68	*	*	-	*	-
	Corunna...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
	Lisbon...	30.12	67	NNW	6	0	30.10	+01	68	60	-10	NNW	3	0	86	61	*	*	-	*	-
SPAN. PEN.	Azores (P. Delgada)...	30.54	68	NE	5	0	30.54	+05	68	63	0	ENE	5	0	75	66	*	*	-	*	-
	" (Horta)...	30.59	69	NE	4	0	30.60	+08	68	63	-3	NE	4	0	77	66	*	*	-	*	-

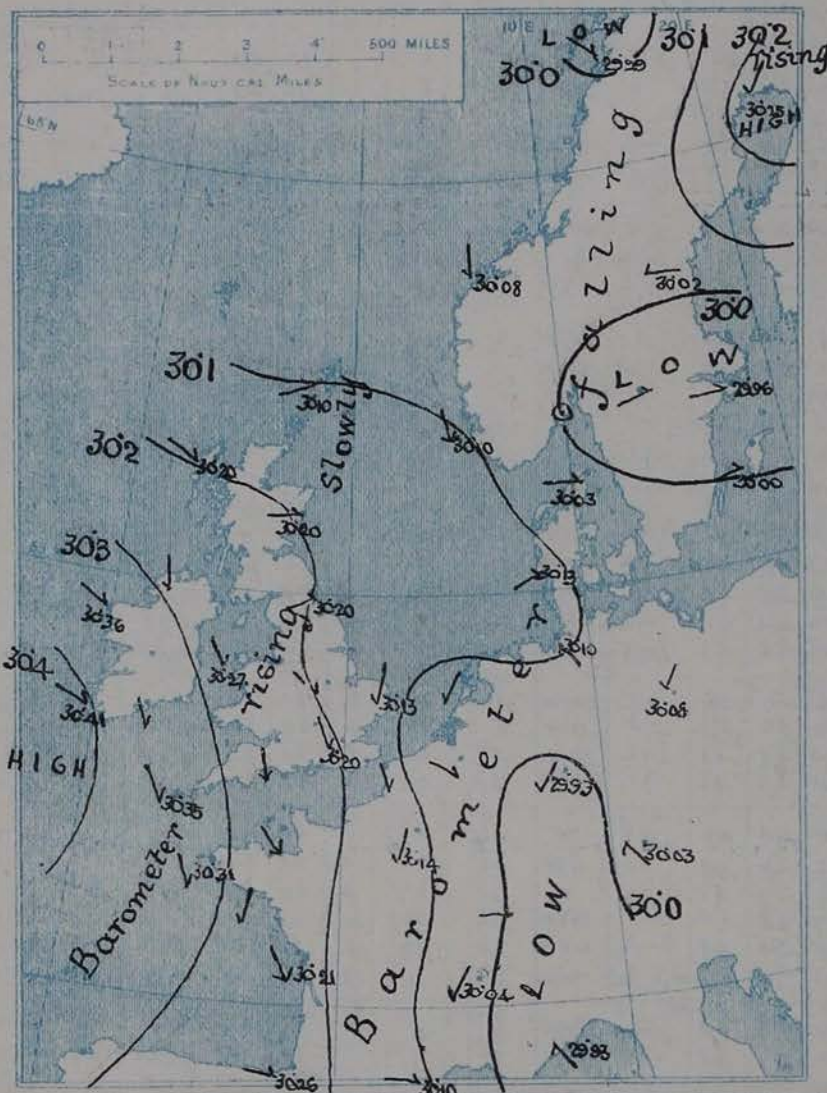
NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

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

\* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.



FOR WEDNESDAY, 11<sup>TH</sup> JULY, 1906

SEA—Rough  High 

RAINFALL. —  $\left\{ \begin{array}{l} \text{A dotted line separates areas where rain has fallen from those} \\ \text{without rain. The fall in past 24 hours when exceeding half} \\ \text{an inch is shown thus - } 0.6 \end{array} \right.$



*Yesterday morning.*

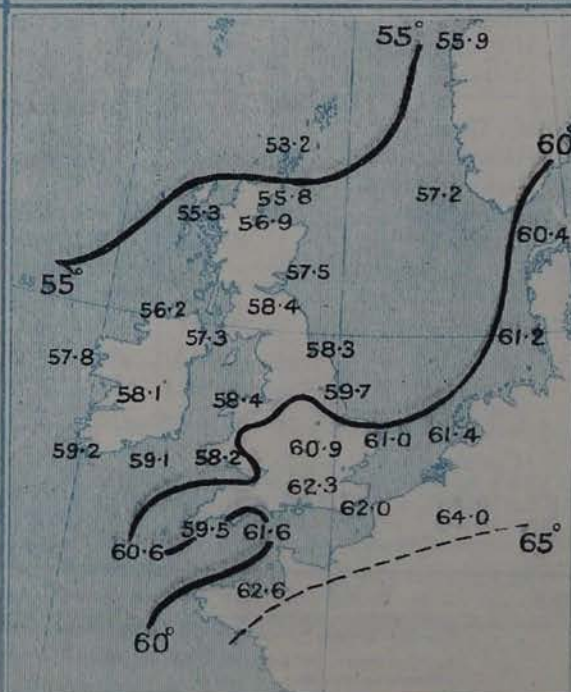


*Amount recorded  
in various districts of the United Kingdom  
during the week ended Saturday, 7<sup>th</sup> July,  
with the percentage of the average amount  
for the corresponding week.*



*JULY*

(Derived chiefly from Observations  
extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

A new anticyclone is spreading in from the Atlantic, and the barometer is rising in nearly all parts of these Islands and France, the highest pressures, 30.4 ins. and upwards, being found in the southwest of Ireland. A second area of high readings (30.2 ins. and upwards) is reported over Lapland, but over the western parts of the Continent generally the distribution of pressure is rather irregular, shallow depression, each with readings below 30.0 ins. being situated respectively over Finmark, the south of Sweden and the southern parts of France and Germany. In the neighbourhood of each of these low pressure systems the barometer is apparently falling.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light to moderate from between west and north over the United Kingdom and the neighbouring parts of the Continent, but in the regions embraced by the various low pressure systems noticed above, it shows a distinct cyclonic circulation. Temperature has fallen in most places, the readings over these Islands being now rather low for the time of year. At many of our western and northern stations the thermometer is below 55°, and on our extreme north and northwest coasts it is very little above 50°; the highest reading reported is 60° at Nottingham and Dungeness. Over Germany and a considerable portion of Sweden the thermometer is above 65°, while in the south of France it is above 70°, the highest value reported being 75° at Lyons. The weather is fair or fine over Western Europe as a whole, but is dull in the north of Scotland and the south of Ireland, with showers at Stornoway and Valerius. Rain is falling on the west coasts of Norway. The sea is slight or smooth generally, but moderate off the west of Ireland.

During yesterday the thermometer rose to 70° and upwards in the extreme south and southeast of England, and to 74° at Brighton and Beaulieu-on-Sea. At some of our northwestern and extreme northern stations it did not reach 60°. The amount of bright sunshine was, as a rule, somewhat small, but at Beaulieu-on-Sea 10 hours were recorded, and at Jersey nearly 11 hours. Showers were experienced yesterday in many parts of the United Kingdom, and rain occurred also at some of the French, German and Scandinavian stations, the amount at Christiansund being as large as 0.6 inch.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The western anticyclone will continue to spread E.<sup>W</sup>, and fair weather is therefore probable over the greater part of the United Kingdom, with a gradual rise of temperature. The low pressure systems over the Continent will, however, in all probability, occasion local showers to-day in our eastern and southeastern districts.

## FORECASTS\*

For the 24 hours ending at NOON on 12<sup>TH</sup> July, 1906.

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	W. <sup>S</sup> to N.W. <sup>S</sup> winds, light; some showers at first, then fair. Becoming warmer.
1	SCOTLAND EAST	
2	ENGLAND N.E.	N. <sup>S</sup> and N.W. <sup>S</sup> winds, light; local showers at first, then fair. Becoming warmer.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	N. <sup>S</sup> and N.W. <sup>S</sup> winds, light; fair generally. Becoming warmer.
7	ENGLAND N.W.	
8	ENGLAND S.W.	N.W. <sup>S</sup> to variable breezes; fair generally. Becoming warmer.
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.



## DAILY WEATHER REPORT.

11<sup>TH</sup> JULY,

1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	62	49	*	5.8	0.03	† Brighton ...	74	54	*	7.4	—
Blackpool, to 9 p.m. ...	60	53	†, o, c	3.5	0.08	† Eastbourne, to 6 p.m. ...	71	53	bc	8.4	—
Southport, to 9 p.m. ...	62	51	o, c, bc	3.1	—	Bexhill-on-Sea, ...	74	54	?	10.0	—
† Rhyl, to 6 p.m. ...	64	48	bc, o, bc	4.8	—	† Hastings ...	*	*	*	9.4	*
Llandudno, to 9 p.m. ...	60	53	bc p	4.7	0.08	† Folkestone, to 6 p.m. ...	69	54	b, bc, o, bc	8.3	—
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, to 6 p.m. ...	*	*	*	7.8	*
Towyn, to 6 p.m. ...	64	46	o, c, b	4.5	—	Margate, to 6 p.m. ...	70	57	b	6.7	—
Aberystwyth, to 6 p.m. ...	59	48	o, c, b	6.0	—	Lowestoft, to 6 p.m. ...	62	57	c, o, cp, c	3.7	—
Plymouth, to 9 p.m. ...	64	48	bc	7.1	0.02	† Skegness ...	65	53	c, r, bc, c	4.9	0.03
Torquay, to 6 p.m. ...	65	52	*	7.8	—	Scarborough, to 6 p.m. ...	62	51	*	1.3	0.02
Bournemouth, to 6 p.m. ...	71	53	*	7.7	—	† Harrogate, to 6 p.m. ...	64	45	bc, o	0.0	—
Bognor, to 6 p.m. ...	*	*	*		*	Darwen, to 9 p.m. ...	61	45	omr, b, ov	1.0	0.05
† Worthing ...	73	55	*	7.2	—	Manchester, to 9 p.m. ...	61	47	c, b, r, bc	1.0	0.06
						Birmingham, to 9 p.m. ...	62	50	c, r, c	1.0	0.06

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 10 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	73	59	c, o	—	Rome ...	83	65	b, b	—
Aix-la-Chapelle ...	73	54	b, b	—	Naples ...	76	66	o, o	—
Copenhagen ...	72	55	b, b	—	Malta ...	85	74	b	—
Oxö (Christiansand) ...	66	54	b, bc	—	Geneva 9 <sup>th</sup> July, 1906. 1 p.m.	70	*	bc	Measured 7 a.m.
St. Petersburg ...	75	61	o, b	—	Berne ...	70	*	bc	0.12
Vienna ...	68	63	o, o	0.28	Lucerne ...	73	*	b	0.12
Buda-Pesth ...	73	64	o, o	0.04	Coire ...	70	*	b	0.04
Hermanstadt ...	77	59	b, o	—	St. Gotthard ...	48	*	b	0.08
Trieste ...	79	68	c, o	—	Lugano ...	82	*	b	—
Florence ...	85	63	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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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.

11 <sup>th</sup> July, 1906.	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	12.17	9.10
Valencia ...	4.35	12.46	8.58

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Thursday,

Meteorological Office, London.

12<sup>th</sup> July,

1906.

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.	Rainfall.		
At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	At 83° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Max.	Min.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	29.93	66	S	2	r	29.85	-0.20	67	63	-1	WNW	2	c	*	79	50	*	*	0.08	
	Hernösand...	29.91	60	Z	0	b	30.04	+0.02	60	52	-2	N	6	b	*	73	50	*	*	-	
	Stockholm...	29.97	65	W	2	b	30.00	+0.04	65	58	-4	NW	2	b	*	75	57	*	*	-	
	Wisby...	29.98	63	WSW	2	b	29.99	-0.01	64	59	-3	NE	4	b	*	68	55	*	*	-	
	Karlstad...	29.97	63	SW	2	b	30.02	+0.03	62	57	+2	NE	4	b	*	*	*	*	*	-	
	Færder (X'ania Fjord)	29.96	62	SSE	2	b	30.02	+0.07	59	54	-2	NNE	5	b	3	66	57	*	*	-	
	Bodö...	30.07	48	NW	4	r	30.08	+0.04	47	46	-3	NW	4	r	2	50	45	*	*	-	
	Christiansund	30.16	53	Z	0	c	30.20	+0.12	54	49	+4	Z	0	bc	1	54	46	*	*	0.20	
Skudesnaes	30.18	55	NNW	2	b	30.13	+0.03	54	49	-1	N	6	b	2	59	48	*	*	-		
BRITISH ISLANDS.	Sumburgh Head	30.13	51	W	2	o	30.19	+0.04	50	47	-1	WNW	1	o	2	57	48	c.o	*	-	
	Stornoway...	30.25	58	NNW	2	b	30.20	-0.00	52	49	0	S	1	o	1	59	49	c.b	10.6	0.03	
	Malin Head	30.28	54	N	2	o	30.25	-0.04	55	52	+3	WSW	2	bc	3	61	50	b.o	*	-	
	Blacksod Pt.	30.33	58	W	2	bc	30.27	-0.09	56	55	+2	WNW	2	og	2	60	53	b, bc	*	-	
	Valencia	30.36	56	W	1	c	30.31	-0.10	55	54	0	Z	0	om	3	58	52	op, c	0.8	0.18	
	Roche's Point	30.34	59	NNW	2	og	30.30	-0.09	58	55	+3	NNW	1	c	1	63	50	c.og	*	-	
	Birr Castle	30.30	61	NW	2	c	30.30	-0.03	57	54	+3	Z	0	bc	*	62	46	c	1.8	-	
	Donaghadee	30.29	55	NE	3	bc	30.28	-0.01	52	49	-3	NE	1	b	1	59	44	bc, bc	*	-	
	Liverpool Obsy.	30.25	57	WNW	2	bc	30.25	-0.02	55	50	0	WNW	2	b	?	60	42	b, c, bc	*	-	
	Holyhead	30.28	56	NW	2	bc	30.27	-0.00	56	52	+2	NNW	2	c	1	59	51	bc	*	-	
	Pembroke (St. Ann's Hd.)	30.29	56	WNW	3	bc	30.27	-0.03	55	54	+2	SW	2	cg	2	57	50	bc	13.1	-	
	Scilly (St. Mary's)	30.36	59	NW	4	bc	30.29	-0.06	57	54	0	SSW	1	bc	1	61	54	bc, bc	9.5	-	
	Jersey (St. Aubins)	30.26	62	W	4	b	30.25	-0.02	60	55	+2	NNW	3	bc	3	66	51	b, bc, cm	11.8	-	
	Portland Bill	30.23	58	NW	3	cp	30.22	-0.01	56	53	-3	NNW	3	bc	2	63	52	c, cp	*	-	
	Dungeness	30.16	57	NNE	2	c	30.18	+0.04	57	53	-3	NNE	3	c	2	65	46	c, tr, c	3.8	0.15	
	Wick	30.20	50	NW	1	c	30.21	+0.07	50	48	-3	WNW	1	c	1	57	46	-	*	0.05	
	Nairn	30.22	56	E	1	c	30.22	+0.04	51	48	-1	Z	0	b	0	60	39	-	*	0.10	
	Aberdeen	30.22	55	SW	1	o	30.24	+0.04	51	48	-6	NNW	2	o	2	60	48	bc, op, c	5.7	0.20	
	Leith	30.20	58	E	1	o	30.24	+0.02	60	54	+2	E	2	b	*	68	50	o, p	*	0.12	
	North Shields	30.21	57	E	2	c	30.23	+0.03	55	52	+2	NNE	4	c	3	59	50	c	*	-	
	Spurn Head	30.19	56	NNE	3	bc	30.18	+0.01	56	53	+1	NNW	3	bc	2	64	50	cp, bc	*	0.02	
	Yarmouth	30.15	62	N	4	b	30.15	+0.02	58	52	-1	N	4	b	3	66	51	c, b	*	-	
	Clacton-on-Sea	30.16	59	NW	2	c	30.18	+0.02	58	53	+2	NNW	2	bc	1	66	46	bc, cp	3.1	-	
	Nottingham	30.20	57	NE	1	cp	30.22	+0.02	53	51	-7	Z	0	bc	*	66	42	c, cp	4.6	-	
	Bath	30.23	64	NW	1	bc	30.26	-0.00	55	51	-2	NE	1	bc	*	64	43	-	*	7.5	
	Oxford	30.23	57	N	1	bc	30.24	+0.01	56	53	0	NNW	1	bc	*	66	50	bc, glt, c	*	-	
	London (St. James' Park)	30.17	61	NE	3	o	30.20	-0.00	57	52	-1	NNW	2	b	*	68	52	b, c, o, b	6.1	-	
	GERMANY, & C.	The Scaw (Skagen)	30.02	59	WSW	2	b	30.00	-0.03	61	57	+1	WNW	2	o	0	66	54	*	*	-
Fanö		30.11	55	NW	4	o	30.04	-0.09	52	51	-8	N	1	r	*	66	52	*	*	0.12	
Cuxhaven		30.01	63	NE	4	o	29.91	-0.19	55	54	-5	NE	5	r	*	68	54	o, r	*	0.71	
The Helder		30.06	58	NNE	3	r	30.08	+0.02	54	53	-6	NNE	3	r	3	63	54	*	*	0.91	
Brussels		*	*	*	*	*	30.12	+0.05	53	52	-5	NW	2	r	*	63	52	*	*	0.83	
Berlin		29.96	73	E	2	c	29.90	-0.18	63	61	-5	SSE	1	r	*	81	63	*	*	-	
Frankfurt		29.97	62	NE	1	o	30.02	+0.03	60	57	-6	SW	3	c	*	75	59	*	*	0.32	
Munich	29.87	65	SE	4	c	30.10	+0.07	57	55	-10	W	5	o	*	75	55	*	*	0.51		
FRANCE.	C. Gris Nez	30.20	58	N	4	r	30.16	-0.01	57	54	0	N	3	bc	3	64	54	*	*	0.04	
	Brest	30.32	59	NW	5	bc	30.29	-0.02	56	53	-1	NW	3	bc	3	63	50	*	*	-	
	Lorient	30.20	64	N	4	c	30.28	+0.03	57	54	+1	NW	2	b	1	73	52	*	*	-	
	Rochefort	30.23	65	NW	6	b	30.26	+0.05	58	54	-4	N	5	c	*	72	54	b	*	-	
	Biarritz	30.30	66	NNW	3	c	30.26	-0.00	65	64	-1	NNW	3	c	2	70	60	*	*	-	
	Paris	30.16	60	Z	0	o	30.20	+0.06	57	53	-1	NE	1	c	*	66	50	*	*	0.16	
	Belfort	30.01	60	W	5	o	30.11	+0.12	55	53	-9	WSW	3	m	*	78	48	*	*	0.04	
	Lyons	30.13	66	WNW	2	b	30.16	+0.12	58	53	-17	NW	1	b	*	75	51	b, tr	*	0.35	
	Nice	29.84	71	Z	0	b	29.85	-0.08	69	66	-3	Z	0	c	0	82	69	*	*	-	
Perpignan	30.11	72	W	3	o	30.16	+0.06	64	54	-6	W	3	c	*	74	62	*	*	-		
SPAN. PEN.	Corunna	30.02	69	NNW	5	b	30.03	-0.07	73	57	+5	NNE	5	b	*	79	64	*	*	-	
	Lisbon	30.55	67	ENE	4	b	30.47	-0.07	66	62	-2	NE	5	c	4	72	64	*	*	-	
	Azores (P. Delgada)	30.60	68	NE	5	m	30.56	-0.04	67	61	-1	NE	5	m	3	73	66	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.3 in., but for Sumburgh Head +0.4 in.; for stations South of Malin Head and North Shields +0.2 in., but for Scilly and Jersey +0.1 in.

(b) 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.

† The corresponding value in yesterday's Report should have been 3005 ins.



# WEATHER CHARTS

FOR Thursday, 12<sup>TH</sup> JULY, 1906.

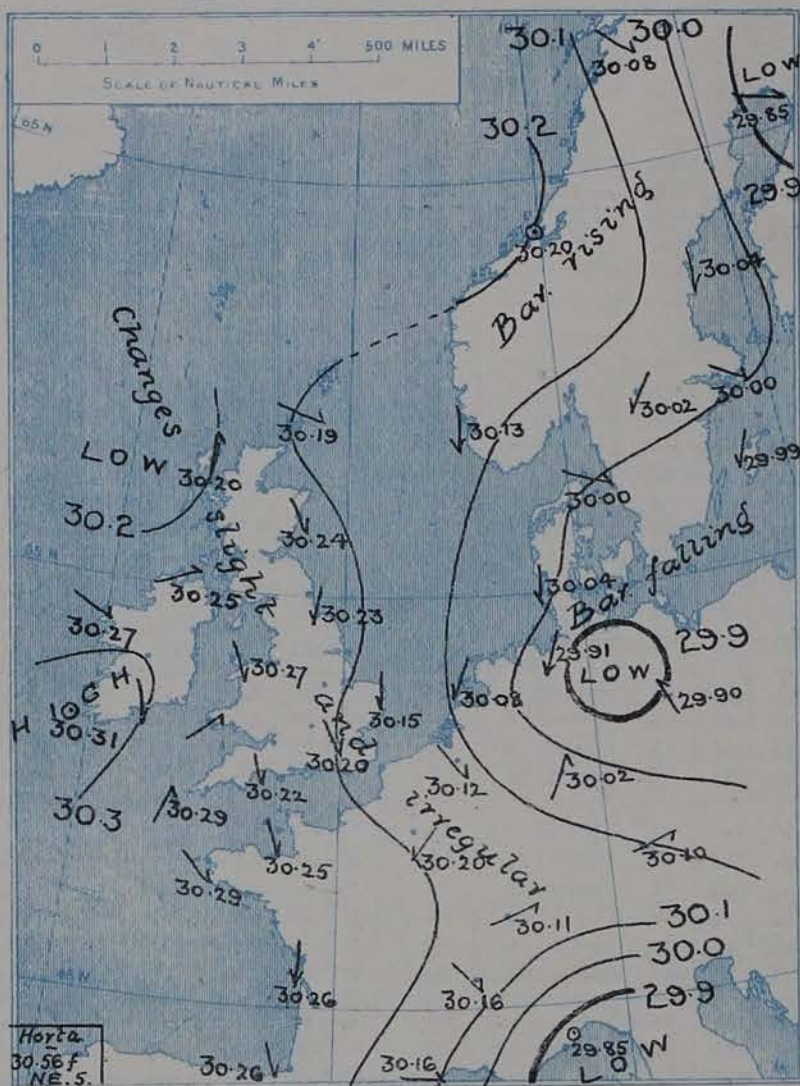
## I. BAROMETER, WIND AND SEA. This Morning.

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

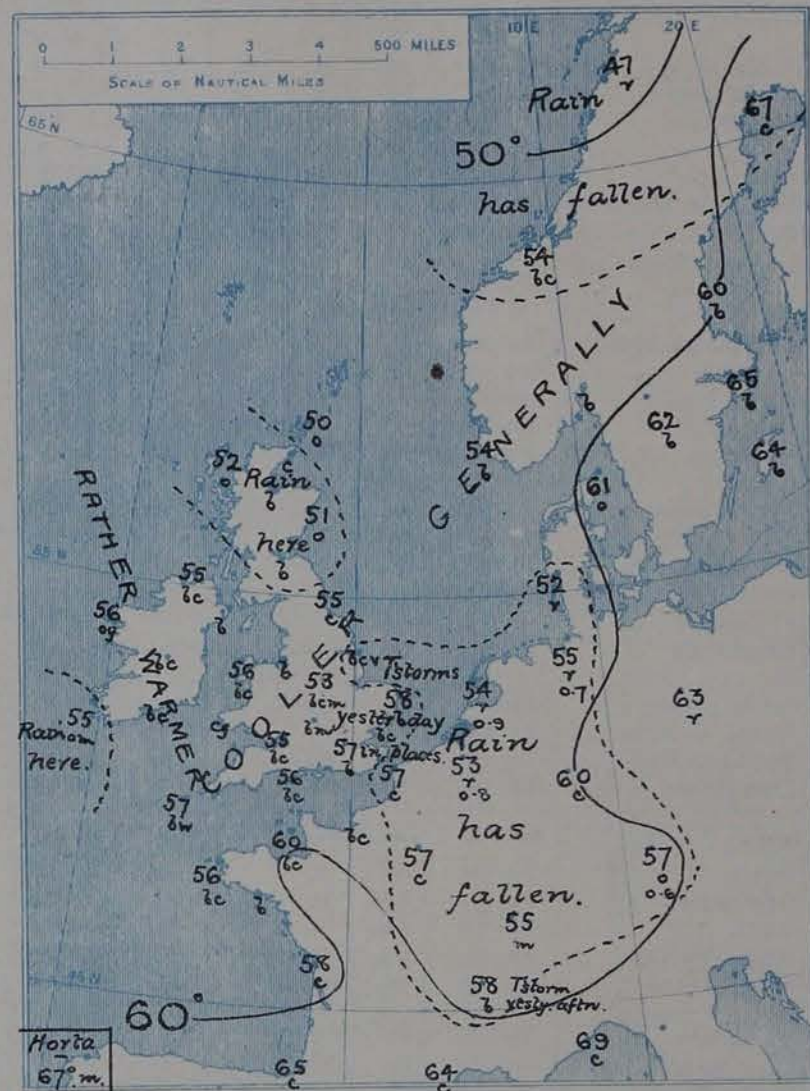


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

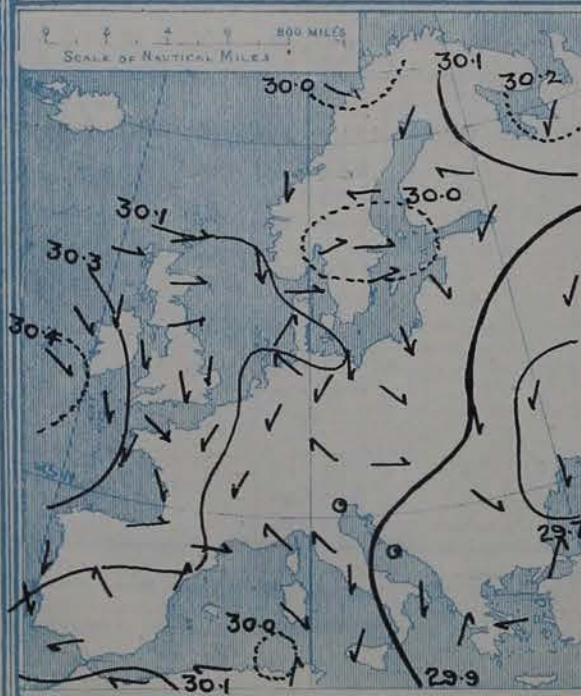
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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, 7<sup>TH</sup> July, with the percentage of the average duration for the corresponding week.

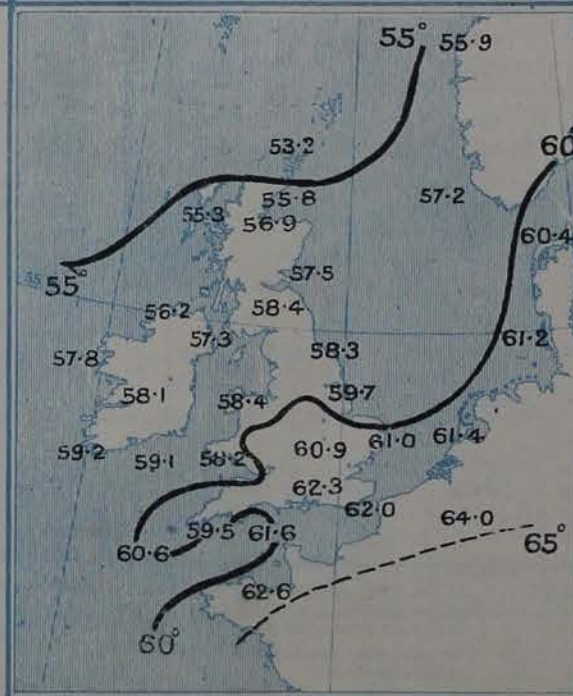


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

A large anticyclone still covers the greater part of these Islands and France, the highest pressures, 30.3 ins. and upwards, being found over the south of Ireland and the neighbouring parts of the Atlantic. To the Eastward of the anticyclone the distribution of pressure is rather irregular, shallow depressions, with readings below 29.9 ins., being found respectively over Lapland, over North Germany, and over the extreme south of France. The barometrical changes now in progress are slight and somewhat irregular.

### WIND

The wind is N.<sup>s</sup> (N.E.<sup>s</sup> to N.W.<sup>s</sup>) over the greater part of our area, and blows strongly at some of the Scandinavian stations. On our western coasts, however, the direction is more variable, while over Germany there is a distinct cyclonic circulation round the depression in that neighbourhood. Temperature has risen somewhat in the west of these Islands, but has again fallen elsewhere. At Leith and at Jersey the thermometer stands, quite locally, as high as 60°, but in other parts of our Islands it is below that level, and at many of our northern and central stations it is below 55°, the lowest reading reported being 50° at Sumburgh Head and Wick. In Sweden the readings are mostly above 60°, and at Haparanda, where the thermometer stands at 67°, the weather is warmer than at any other station excepting Nice and Lisbon.

### TEMPERATURE

### WEATHER

### AND

### SEA

The weather is fair or fine over these Islands and France, as well as at most of the Scandinavian stations, but rain is reported at Bodø. The depression over North Germany is occasioning a general fall of rain in that locality, as well as in the Netherlands and the south of Denmark. The sea is slight or smooth generally.

During yesterday the thermometer rose to 65° and upwards at many of the English stations, and also in the south of Scotland, and to 69° at Brighton. The amount of bright sunshine was considerable in the west and southwest, but smaller elsewhere. Showers fell yesterday in many parts of the country, and thunderstorms occurred at several of our eastern and southern stations, as well as at Lyons. Large quantities of rain have fallen over Germany and the Netherlands.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Over the greater part of the United Kingdom the weather is likely to remain under the influence of the large anticyclone, but on our extreme north and northwest coasts the conditions will be affected by a depression which is approaching those regions from the W.<sup>W</sup>. There are some indications of the development of a small shallow disturbance off our southwest coasts, which may cause unsettled weather in that neighbourhood also.

## FORECASTS\*

For the 24 hours ending at NOON on 13<sup>th</sup> July, 1906.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	} W. <sup>s</sup> to S.W. <sup>s</sup> winds, light; fair at first, some rain later. Remaining cool.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	} N. <sup>s</sup> winds, light or moderate; fair generally, but local showers still probable. Remaining cool.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	} S.W. <sup>s</sup> winds, light or moderate; fair at first, some rain later.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	} Light and somewhat variable breezes; fair at first, less settled later, rain in places.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	Same as nos. 7 & 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.



## DAILY WEATHER REPORT.

12<sup>TH</sup> JULY, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	61	45	*	2.1	—	†Brighton ...	69	52	*	6.8	—
Blackpool, to 9 p.m. ...	60	52	c	12.9	—	†Eastbourne, to 6 p.m. ...	64	53	bc, ou, t, o	5.2	0.11
Southport, to 9 p.m. ...	61	53	c, p, b	12.0	0.01	Bexhill-on-Sea, ...	67	53	l, p	6.0	?
†Rhyl, to 6 p.m. ...	62	52	bc, b	11.8	—	†Hastings ...	*	*	*	6.5	*
Llandudno, to 9 p.m. ...	61	50	bcp	11.2	0.01	†Folkestone, to 6 p.m. ...	65	52	o, bc, b, ov, d, c	2.1	0.02
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, to 6 p.m. ...	*	*	*	4.5	*
Towyn, to 6 p.m. ...	62	50	p, bc, b	10.5	0.02	Margate, to 6 p.m. ...	65	?	tlr	?	0.24
Aberystwyth, to 6 p.m. ...	58	48	o, c, b	7.0	—	Lowestoft, to 6 p.m. ...	63	49	c, o, t, c	7.3	0.01
Plymouth, to 9 p.m. ...	64	48	bc, b	12.5	—	†Skegness ...	61	54	r, c, bc	2.7	0.19
Torquay, to 6 p.m. ...	65	50	*	11.3	—	Scarborough, to 6 p.m. ...	62	50	*	7.5	—
†Bournemouth, to 6 p.m. ...	68	52	*	11.8	0.01	†Harrogate, to 6 p.m. ...	64	43	bc	9.8	—
Bognor, to 6 p.m. ...	*	*	bc	8.3	*	Darwen, to 9 p.m. ...	63	45	bc, op, om	10.1	0.13
†Worthing ...	68	52	*	6.8	—	Manchester, to 9 p.m. ...	62	43	bc, r, o	5.8	0.01
						Birmingham, to 9 p.m. ...	61	48	c, o	6.7	—

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

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

STATIONS. 11 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 11 <sup>th</sup> July 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	75	57	c, o	—	Rome ...	84	66	b, bc	—
Aix-la-Chapelle ...	77	57	bc, o	—	Naples ...	78	67	b, b	—
Copenhagen ...	66	57	b, b	—	Malta ...	84	73	b	—
Oxö (Christiansand) ...	63	55	b, b	—					
St. Petersburg ...	81	68	b, b	—	Geneva 10 <sup>th</sup> July, 1906.	1 p.m.		1 p.m.	Measured 7 a.m.
Vienna ...	72	63	o, r	0.32	Berne ...	75	*	b	—
Buda-Pesth ...	72	66	c, r	0.43	Lucerne ...	77	*	b	—
Hermanstadt ...	72	63	r, r	0.28	Coire ...	75	*	b	—
Trieste ...	75	63	o, o	0.16	St. Gotthard ...	52	*	b	—
Florence ...	82	61	o, 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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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 <sup>th</sup> July 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	3.45	11.58	8.12
Greenwich ...	3.58	12.5	8.12
Wick ...	3.25	12.17	9.9
Valencia ...	4.36	12.46	8.57

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FORECASTS OF WEATHER for one day in advance are drawn up 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Friday,

Meteorological Office, London.

13<sup>th</sup> July,

1906.

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.		Weather.	Sun. shine.	Rainfall.	Hours.	Ins.
		At 32° Fahr. 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.					
SCANDINAVIA.	Haparanda...	Ins.	°				Ins.	Ins.	°	°	°				°	°					
	Hernösand...	29.99	57	NE	2	c	30.13	+28	60	52	-7	NE	2	b	73	50	*	*	-		
	Stockholm...	30.09	62	W	2	b	30.16	+12	60	52	0	2	0	b	73	54	*	*	-		
	Wisby...	30.06	62	N	2	c	30.03	+03	66	56	+1	N	4	b	73	59	*	*	-		
	Karlstad...	30.01	62	NNE	4	bc	30.02	+03	62	59	-2	NE	4	b	66	55	*	*	-		
	Färder (X'ania Fjord)	30.02	66	2	0	r	30.06	+04	66	56	+4	ENE	2	bc	*	*	*	*	0.04		
	Bodö...	30.00	67	N	2	o	30.01	-01	64	59	+5	ESE	4	o	67	59	*	*	0.08		
	Christiansund...	30.17	50	W	4	c	30.09	+01	54	49	+7	S	2	b	54	45	*	*	-		
BRITISH ISLANDS.	Skudesnaes...	30.13	56	N	2	b	30.01	-19	59	53	+5	2	0	b	59	48	*	*	-		
	Sumburgh Head...	30.05	56	NNW	6	b	29.98	-15	60	56	+6	2	0	o	61	50	*	*	-		
	Stornoway...	30.08	50	SW	1	bc	29.92	-27	51	50	+1	S	1	r	52	45	c, bc	*	0.01		
	Malin Head...	30.06	54	SW	3	o	29.90	-30	55	55	+3	W	1	o	58	52	o	1.3	0.36		
	Blackod Pt....	30.13	56	NW	1	om	29.95	-30	56	56	+1	NW	3	tm	61	53	o, om, r	*	0.10		
	Valencia...	30.19	57	SW	3	odgp	30.05	-22	57	56	+1	WNW	3	dm	60	55	o, odgp	*	0.33		
	Roche's Point...	30.27	57	WNW	2	om	30.13	-18	57	56	+2	WNW	2	tm	61	54	o, om, r	1.0	0.25		
	Birr Castle...	30.25	59	WNW	3	og	30.08	-22	59	58	+1	NW	1	ov	62	55	o, og	*	0.21		
GERMANY, &c.	Donaghadee...	30.21	60	WSW	2	o	30.02	-28	58	57	+1	WSW	3	o	64	54	bc, o, r	5.2	0.28		
	Liverpool Obsy...	30.18	58	SSE	3	bc	29.98	-30	57	52	+5	SSW	2	r	60	52	bc, o, r	*	0.12		
	Holyhead...	30.20	58	W	2	b	30.06	-19	53	50	-2	SSE	1	o	59	48	b	*	-		
	Pembroke (St. Ann's Hd.)...	30.20	57	NW	1	bc	30.04	-23	55	54	-1	SW	3	r	60	51	b, bc, r	*	0.22		
	Scilly (St. Mary's)...	30.23	57	WNW	2	b	30.09	-18	56	55	+1	WSW	4	ogp	60	53	bc, st	8.9	0.11		
	Jersey (St. Aubins)...	30.27	60	WNW	2	b	30.18	-11	58	56	+1	WSW	2	op	63	56	b, o	12.3	0.01		
	Portland Bill...	30.23	62	WNW	3	bc	30.23	-02	60	55	0	WNW	3	bc	67	51	b, cm	12.8	-		
	Dungeness...	30.18	59	W	3	bc	30.16	-06	57	56	+1	WSW	4	c	63	53	c, bc	*	0.03		
FRANCE.	Wick...	30.18	59	SSW	3	bc	30.13	-05	58	55	+1	WSW	3	b	63	51	c, bc	10.1	0.05		
	Nairn...	30.15	56	SW	1	bc	29.90	-31	53	52	+3	S	1	r	57	49	-	*	-		
	Aberdeen...	30.05	54	E	1	bc	29.90	-32	58	57	+7	WSW	1	o	70	51	-	*	0.02		
	Leith...	30.07	63	SSE	3	b	29.93	-31	55	52	+4	WSW	1	o	60	49	o, c, b	8.6	-		
	North Shields...	30.12	53	W	2	b	29.96	-28	55	54	-5	NE	1	r	66	53	-	*	0.05		
	Spurn Head...	30.10	56	E	3	b	30.01	-22	55	52	0	SW	2	c	58	47	b, c	*	-		
	Yarmouth...	30.16	56	NNE	3	c	30.03	-15	58	54	+2	WNW	4	c	60	53	op, c	*	0.01		
	Clacton-on-Sea...	30.15	60	NNW	3	bc	30.05	-10	57	53	-1	W	4	bc, m	63	52	bc	*	-		
SPAIN, PEN.	Nottingham...	30.17	57	ESE	3	c	30.11	-07	60	55	+2	W	3	b	64	51	cp, bc	9.0	0.31		
	Bath...	30.17	58	E	1	c	30.08	-14	58	53	+5	SW	1	bc	64	44	bc, m, c	4.8	-		
	Oxford...	30.19	60	N	2	c	30.14	-12	56	54	+1	NE	1	o	66	48	-	11.1	0.05		
	London (St. James' Park)...	30.19	57	NNW	1	c	30.13	-11	54	52	-2	WSW	1	c	65	46	bc, or, c	*	0.06		
	The Scaw (Skagen)...	30.16	60	N	2	o	30.11	-09	56	53	-1	SW	2	b	66	47	b, c, op, b	7.0	0.02		
	Fanö...	29.95	63	NE	2	o	29.96	-04	63	60	+2	SSE	3	o	64	59	*	*	0.04		
	Cuxhaven...	29.94	53	N	1	o	29.95	-09	56	54	+4	S	1	r	57	52	*	*	0.47		
	The Helder...	29.88	60	S	2	o	30.02	+11	56	54	+1	SW	5	o	61	52	r, o	*	0.28		
ITALY, &c.	Brussels...	30.12	55	NNW	2	o	30.08	00	57	55	+3	WNW	2	c	55	52	*	*	0.39		
	Berlin...	*	*	*	*	*	30.16	+04	55	52	+2	SW	2	c	60	45	*	*	0.83		
	Frankfurt...	30.02	63	W	2	b	30.12	+22	55	52	-8	WSW	3	o	72	52	*	*	0.32		
	Munich...	30.13	56	W	1	b	30.15	+13	54	50	-6	N	2	o	68	52	*	*	0.12		
	C. Gris Nez...	30.10	58	W	2	o	30.05	-05	52	52	-5	NW	3	r	66	52	*	*	0.16		
	Brest...	30.21	58	N	2	bc	30.17	+01	57	55	0	W	2	c	68	54	*	*	-		
	Lorient...	30.26	60	NW	4	b	30.25	-04	57	55	+1	SW	3	o	64	50	*	*	-		
	Rochefort...	30.20	64	N	4	c	30.25	-03	56	54	-1	N	2	b	75	52	*	*	-		
GREECE, &c.	Biarritz...	30.19	64	NW	5	b	30.26	00	58	54	0	NNE	2	b	68	55	c, b	*	-		
	Paris...	30.26	63	NNW	3	o	30.30	+04	65	59	0	NW	1	c	70	59	*	*	-		
	Belfort...	30.19	57	NE	2	bc	30.21	+01	54	52	-3	NNE	1	b	68	44	*	*	-		
	Lyons...	30.04	62	W	5	m	30.11	-00	52	51	-3	SSE	3	r	68	50	*	*	0.04		
	Nice...	29.84	72	E	4	c	29.86	+01	66	55	-3	SE	3	b	82	59	*	*	-		
	Perpignan...	30.10	69	W	3	o	30.21	+05	62	53	-2	W	4	c	75	59	*	*	-		
	Corunna...	30.06	72	NNW	4	b	30.12	+09	73	63	0	NNE	2	b	86	66	*	*	-		
	Lisbon...	30.48	66	NE	4	bc	30.46	-01	68	64	+2	ENE	4	b	72	64	*	*	-		
AFRICA, &c.	Azores (P. Delgada)...	30.55	68	NE	4	b	30.54	-02	66	63	-1	NE	4	c	72	64	*	*	-		
	" (Horta)...																				

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.3 in., but for Sumburgh Head +0.4 in.; for stations South of Malin Head and North Shields +0.2 in., but for Scilly and Jersey +0.1 in.

(b) 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.







# GENERAL SITUATION AT 8 A.M.

## PRESSURE

A shallow "V-shaped" depression is now lying over the west and north of these Islands, the lowest pressures, 29.9 ins. and less, being found off the north of Scotland. The disturbance is apparently moving E.<sup>W</sup>, so that while the barometer is falling in most parts of the United Kingdom, it is beginning to rise again on our extreme western coasts. The highest pressures, 30.3 ins. and upwards, are found over the southern part of the Bay of Biscay, but the barometer is also high, 30.1 ins. and upwards, over the Gulf of Bothnia and the northern parts of Scandinavia.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

Under the influence of the western disturbance the wind has backed to W. or S.W. in most parts of Great Britain, but in Ireland it is again shifting to the N.W.<sup>W</sup>. Light N.<sup>S</sup> breezes are reported in France and South Germany, but S.W.<sup>S</sup> breezes in North Germany, and E.<sup>S</sup> or NE.<sup>S</sup> winds in the south of Scandinavia. A slight rise of temperature has taken place in these Islands and also in Scandinavia, Denmark and the Netherlands. At our own stations the readings are still rather low, the thermometer being below 55° in some parts of Central England, and also in the north of Scotland. Equally low readings are reported over Central France, and South Germany, but at many of the Scandinavian stations the thermometer is above 60°, and at Stockholm and Karlstad it is as high as 66°. Rain is falling at many of our western and northern stations, as well as in some parts of Denmark and Germany. Elsewhere the weather is at present fine. The sea is slight or smooth on all coasts.

In the course of yesterday the thermometer rose to 65° and upwards in the south of England, and also in portions of Scotland, the highest reading reported being 70° at Nairn. At some stations in the northern parts of England and Wales it did not reach 60°. Considerable amounts of bright sunshine were recorded at our western stations, and also on our east and southeast coasts, but rain was experienced during the day in many districts, and thunderstorms occurred at some places in the south and southeast of England. Rain also fell in Denmark, Germany and the Netherlands, the amount measured at Brussels being as large as 0.8 in.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the west and north is likely to move E.<sup>W</sup>, and to occasion rain in all parts of the country, with local thunderstorms over England. In the rear of the disturbance the wind will veer to the N.W.<sup>W</sup>, with a renewal of fair weather.

## FORECASTS\*

For the 24 hours ending at NOON on 14<sup>TH</sup> July, 1906.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	Light S.W. <sup>S</sup> to N.W. <sup>S</sup> breezes; some rain to-day, improving again to-morrow.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	S.W. <sup>S</sup> to N.W. <sup>S</sup> winds, light or moderate; fair at first, some rain later, thunder locally.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	N.W. <sup>S</sup> winds, light or moderate; cloudy and showery at first, but improving later.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	W. <sup>S</sup> to N.W. <sup>S</sup> winds, moderate; some rain at first, improving later.
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	Same as No. 6.

### 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.



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	68	40	*	13.0	—	†Brighton ... ..	65	52	clt	5.8	0.02
Blackpool, to 9 p.m. ...	62	52	c, b, c, bc	12.8	—	†Eastbourne, to 6 p.m. ...	63	50	bc, o, bc	5.0	0.25
Southport, to 9 p.m. ...	62	52	c, b	11.8	—	Bexhill-on-Sea, to 9 p.m. ...	63	49	p, bc	7.0	0.20
†Rhyl, to 6 p.m. ...	62	53	o, b, c, b	12.0	—	†Hastings ... ..	*	*	*	7.4	*
Llandudno, to 9 p.m. ...	60	51	bc	11.2	—	†Folkestone, to 6 p.m. ...	63	48	b, o, b	9.2	0.50
Bettws-y-Coed, to 6 p.m. ...	61	41	bc, b	6.0	—	Broadstairs, to 6 p.m. ...	*	*	*	10.5	*
Towyn, to 6 p.m. ...	63	43	c, b	7.5	—	Margate, to 6 p.m. ...	65	54	b, p, b, o	10.0	0.04
Aberystwyth, to 6 p.m. ...	59	44	o, c, b	7.0	—	Lowestoft, to 6 p.m. ...	60	48	c, bc, o	10.9	—
Plymouth, to 9 p.m. ...	64	47	bc	12.1	—	†Skegness ... ..	61	46	b, r, bc, o	8.4	0.02
Torquay, to 6 p.m. ...	67	48	*	10.3	—	Scarborough, to 6 p.m. ...	63	48	*	7.2	—
†Bournemouth, to 6 p.m. ...	64	52	b, b	7.3	0.42	†Harrogate, to 6 p.m. ...	64	54	c, b, c	7.4	—
Bognor, to 6 p.m. ...	*	*	bc	3.8	*	Darwen, to 9 p.m. ...	62	47	bc, omv, bc	5.3	0.20
†Worthing ... ..	63	51	*	5.0	0.02	Manchester, to 9 p.m. ...	63	46	c, b, r, bc	5.4	0.12
						Birmingham, to 9 p.m. ...	61	49	o, r, c	1.2	0.04

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

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

STATIONS. 12 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN Ins.	STATIONS. 12 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	61	54	c, c	0.16	Rome ... ..	86	65	b, b	—
Aix-la-Chapelle ... ..	70	54	r, r	0.12	Naples ... ..	77	68	b, b	0.28
Copenhagen ... ..	68	61	o, o	—	Malta ... ..	81	73	b	—
Oxö (Christiansand) ... ..	70	54	b, o	—	Geneva 11 <sup>th</sup> July, 1906. 1 p.m.	79	*	o	Measured 7 a.m.
St. Petersburg ... ..	81	64	o, b	—	Berne ... ..	75	*	bc	—
Vienna ... ..	73	61	c, o	0.08	Lucerne ... ..	68	*	clt	—
Buda-Pesth ... ..	86	68	b, c	0.04	Coire ... ..	79	*	b	—
Hermanstadt ... ..	70	61	b, bc	0.28	St. Gotthard ... ..	57	*	b	—
Trieste ... ..	75	66	o, c	—	Lugano ... ..	84	*	b	—
Florence ... ..	86	64	b, b	—					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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 ... ..	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ... ..	7 a.m. ( " " )	7 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.
Belgium ... ..	7 a.m. (West European)	7 a.m.	Not published	—
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 1906.	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

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Saturday,

Meteorological Office, London.

14<sup>th</sup> July,

1906.

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.	Rainfall.		
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)		Max.	Min.					
SCANDINAVIA.	Haparanda...	30.06	59	W	2	b	30.04	-0.09	63	54	+3	SW	2	b	*	72	50	*	*	-	
	Hernösand...	30.06	59	2	0	b	30.02	-0.14	61	52	+1	S	2	b	*	72	55	*	*	-	
	Stockholm...	30.01	62	N	2	bc	29.93	-0.10	66	57	0	N	2	b	*	73	57	*	*	-	
	Wisby...	30.00	62	NE	2	b	29.93	-0.09	65	60	+3	ENE	2	b	*	65	57	*	*	-	
	Karlstad...	29.99	64	2	0	bc	29.95	-0.11	63	59	-3	SE	4	0	*	*	*	*	*	-	
	Færder (X'ania Fjord)	29.99	65	W	2	c	29.93	-0.08	62	58	-2	SSW	4	0	2	65	59	*	*	-	
	Bodö...	29.99	59	2	0	0	29.91	-0.18	64	55	+10	E	2	b	1	71	50	*	*	-	
	Christiansund...	29.95	60	N	1	c	29.84	-0.17	60	55	+1	W	2	c	0	61	52	*	*	-	
Skudesnaes...	29.95	61	2	0	c	29.88	-0.10	59	57	-1	SSW	2	c	2	68	54	c	*	0.08		
BRITISH ISLANDS.	Sumburgh Head	29.88	53	S	2	0	29.75	-0.17	49	49	-2	SW	2	0	2	55	46	0	*	0.03	
	Stornoway...	29.93	59	WNW	2	b	29.73	-0.17	53	52	-2	SW	4	0	4	59	51	c, b, o	6.8	-	
	Malin Head...	30.01	56	NW	2	b	29.91	-0.04	54	52	-2	SW	4	om	5	57	50	+1, b, o	*	0.02	
	Blacksod Pt. ...	30.11	56	W	2	bc	30.01	-0.04	57	55	0	SW	4	og	3	59	53	c, bc	*	0.01	
	Valencia ... ..	30.16	58	NW	3	0	30.16	+0.03	57	54	0	WSW	3	0	4	61	55	0	1.3	0.01	
	Roche's Point ...	30.09	61	NNW	4	cg	30.12	+0.04	58	56	-1	NW	2	bc	1	63	51	o, cg	*	-	
	Birr Castle ... ..	30.06	64	NW	3	c	30.07	+0.05	56	54	-2	WSW	3	og	*	65	50	r, c	2.0	0.03	
	Donaghadee ... ..	30.00	56	NW	2	c	30.00	+0.02	54	52	-3	SW	2	0	3	60	48	bc, o, c	*	0.04	
	Liverpool Obsy...	29.99	57	WNW	2	r	30.03	-0.03	56	53	+3	W	2	0	3	60	52	r	*	0.30	
	Holyhead ... ..	30.00	57	NW	2	odpm	30.05	+0.01	55	53	0	WNW	3	c	2	60	51	af, op	*	0.14	
	Pembroke (St. Ann's Hd.)	30.03	57	E	3	0	30.09	0.00	57	55	+1	WNW	3	bc	2	60	54	og, f, c	1.4	0.04	
	Scilly (St. Mary's) ...	30.11	59	WNW	4	0	30.15	-0.03	59	56	+1	W	2	0	2	62	56	opm, o	0.0	0.06	
	Jersey (St. Aubins) ...	30.15	58	SW	3	r	30.14	-0.09	60	59	0	WNW	2	0	2	62	57	otm, og	6.5	0.12	
	Portland Bill ... ..	30.06	56	SSW	5	rm	30.08	-0.08	60	58	+3	NW	2	c	2	61	55	op, c	*	0.05	
	Dungeness ... ..	30.07	60	SW	5	c	30.04	-0.09	58	57	0	SSW	5	0	4	63	56	c	9.3	0.03	
	Wick ... ..	29.89	51	2	0	c	29.76	-0.14	51	49	-2	SSW	1	0	1	62	40	-	*	0.05	
	Nairn ... ..	29.91	64	WSW	1	c	29.79	-0.11	54	50	-4	WSW	3	0	1	60	47	-	*	0.01	
Aberdeen ... ..	29.89	57	ENE	1	r	29.84	-0.09	53	52	-2	S	2	0	2	66	51	o, c, od	0.2	0.03		
Leith ... ..	29.91	62	W	1	0	29.89	-0.07	56	52	+1	WSW	3	0	*	66	50	p, o	*	0.05		
North Shields ... ..	29.93	60	NW	2	op	29.90	-0.11	58	53	+3	W	4	c	2	65	52	o, op, c	*	0.06		
Spurn Head ... ..	29.97	62	WSW	2	c	29.95	-0.08	59	56	+1	W	4	c	2	67	57	c, dpm	*	-		
Yarmouth ... ..	29.98	69	W	4	bc	29.98	-0.07	59	57	+2	WSW	4	odm	3	70	56	bc	*	-		
Clacton-on-Sea ... ..	30.04	63	WNW	3	c	30.03	-0.08	60	58	0	WSW	4	0	3	68	57	bc, c, og	8.8	-		
Nottingham ... ..	30.00	59	SW	1	r	29.99	-0.09	59	54	+1	W	3	b	*	65	54	om, r	3.4	0.03		
Bath ... ..	30.05	58	NW	1	0	30.03	-0.03	61	57	+5	W	1	0	*	62	56	-	1.0	0.11		
Oxford ... ..	30.03	58	SSW	2	0	30.06	-0.07	61	57	+7	WNW	2	c	*	64	54	bc, or, c	*	0.20		
London (St. James' Park)	30.06	59	WSW	3	op	30.03	-0.08	63	57	+7	NW	2	b	*	68	55	bc, op, o	8.1	-		
GERMANY, &c.	The Scaw (Skagen)	29.98	64	S	3	0	29.97	+0.01	59	56	-4	WSW	2	0	0	72	55	*	*	-	
	Fanö ... ..	30.03	54	SW	2	c	30.01	+0.06	59	56	+3	SSW	1	c	*	64	54	*	*	-	
	Cuxhaven ... ..	30.03	59	W	2	c	30.04	+0.02	58	57	+2	S	2	c	*	63	52	*	*	-	
	The Helder ... ..	30.06	60	W	1	bc	30.04	-0.04	60	58	+3	WSW	3	c	2	63	52	*	*	-	
	Brussels ... ..	*	*	*	*	*	30.12	-0.04	57	53	+2	WSW	2	0	*	67	47	*	*	0.08	
	Berlin ... ..	30.08	61	NW	2	0	30.08	-0.04	59	55	+4	NW	1	b	*	64	55	*	*	0.04	
	Frankfurt ... ..	30.12	57	NW	1	b	30.13	-0.02	53	50	-1	SW	1	b	*	66	50	*	*	-	
Munich ... ..	30.15	50	W	3	r	30.17	+0.12	48	48	-4	W	4	r	*	52	46	*	*	0.83		
FRANCE.	C. Gris Nez ... ..	30.12	58	W	5	bc	30.09	-0.08	56	56	-1	S	4	f	4	64	55	*	*	0.04	
	Brest ... ..	30.13	58	SW	5	f	30.17	-0.08	58	58	+1	NW	3	r	3	59	55	*	*	0.08	
	Lorient ... ..	30.17	61	W	4	0	30.15	-0.10	60	59	+4	NW	2	0	1	66	52	*	*	0.04	
	Rochefort ... ..	30.30	64	NW	5	0	30.17	-0.09	63	63	+5	WNW	3	0	*	68	58	-	*	0.16	
	Biarritz ... ..	30.30	66	WNW	2	c	30.28	-0.02	63	63	-2	SSW	4	0	1	70	57	*	*	-	
	Paris ... ..	30.15	65	NW	2	bc	30.13	-0.08	61	56	+7	S	1	0	*	71	52	*	*	-	
	Belfort... ..	30.12	57	E	3	c	30.15	+0.04	55	51	+3	WSW	3	m	*	63	44	*	*	0.08	
Lyons ... ..	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Nice ... ..	29.86	62	NE	3	c	29.84	-0.02	68	56	+2	W	1	b	2	81	54	*	*	-		
Perpignan ... ..	30.15	72	W	2	b	30.21	0.00	65	56	+3	W	3	b	*	76	61	*	*	-		
SPAN. PEN.	Coruuna ... ..	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Lisbon ... ..	30.10	74	NNW	5	b	30.12	0.00	78	60	+5	NNE	4	b	*	88	68	*	*	-	
	Azores (P. Delgada) ...	30.52	67	NE	4	0	30.50	-0.04	66	61	0	NNE	3	m	2	72	64	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.3 in., but for Sumburgh Head +0.4 in.; for stations South of Malin Head and North Shields +0.2 in., but for Scilly and Jersey +0.1 in.

(b) 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, 14<sup>th</sup> JULY, 1906.

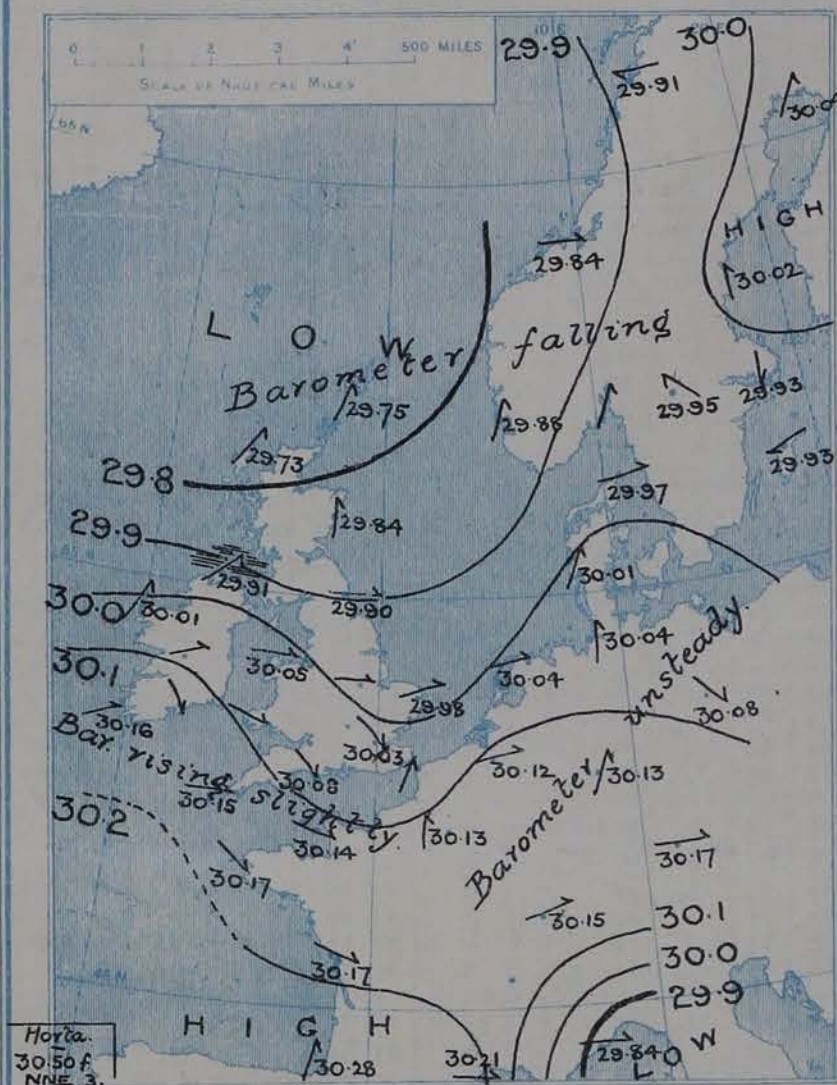
## I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force above 10 → : Force 5 to 7 → : Force 3 to 4 → : Force 1 to 2 → : Force 0 (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. BRIGHT SUNSHINE IN 1906.

Total Duration recorded in various districts of the United Kingdom in the 27 weeks ended Saturday 7<sup>th</sup> July, with the percentage of the average duration for the corresponding period.

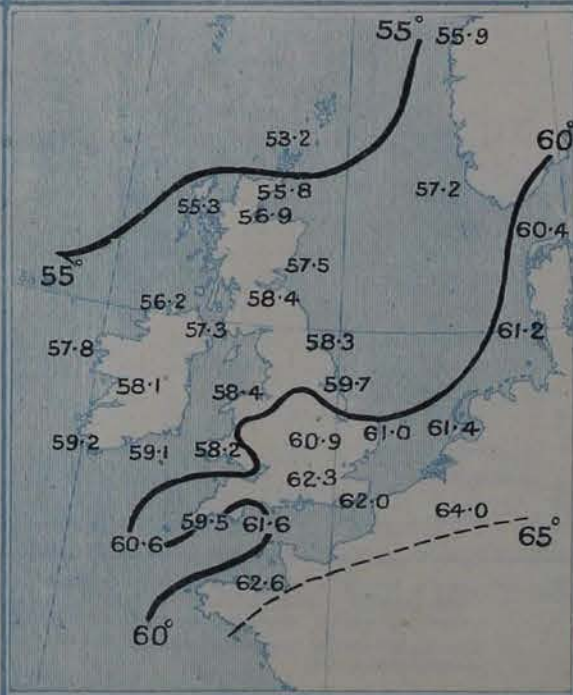


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The shallow depression which passed across these Islands yesterday has been followed by a new disturbance, the central portion of which, with readings below 29.8 in., now lies off the north of Scotland. The barometer is consequently falling at most of our northern stations, but is rising in the south. The highest pressures, 30.3 in. and upwards, are found over the north of Spain. Over the Gulf of Genoa there is a rather deep depression, in which readings are below 29.9 in.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The wind is light from the W<sup>nd</sup> or N.W.<sup>nd</sup> in the south of these Islands and the west and north of France, but is moderate from the S.W.<sup>nd</sup> on our northern coasts, and from the S<sup>nd</sup> on the eastern shores of the North Sea. In Sweden it is rather variable. Temperature has fallen in Scotland and the north of Ireland, the readings there being mostly below 55°; at Sumburgh Head the thermometer stands at 49°. In the south of England, where the thermometer has risen, the readings are slightly above 60°, the highest value reported being 63° in London. In the south of France and over the northern part of the Baltic the thermometer stands at, or slightly above 65°, but in Germany the readings are below 60°, Munich reporting a temperature of 48°. The weather is fine in the southern part of the United Kingdom, as well as in Sweden and the south of France. Elsewhere the sky is cloudy or overcast, with rain at Brest and Munich. Fog prevails on the French side of the Channel. The sea is slight or smooth generally, but rather rough off the north of Ireland. During yesterday the thermometer rose to between 65° and 70° at most of our northern and eastern stations, the latter value being reached at Strathpeffer and Yarmouth and a maximum of 72° at Lowestoft. At many places in the west the thermometer did not exceed 60°. The amount of bright sunshine was rather large at some of our eastern and southeastern stations, but small elsewhere. Rain fell yesterday in most parts of Western Europe, the amount being as a rule, small, but large (0.8 in.) at Munich.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general conditions remain unchanged. The large depression which lies off our northern coast will probably be joined shortly by small secondary disturbances, their passage E.<sup>nd</sup> across the country being accompanied by showery weather in most districts. Light or moderate breezes from between S.W. and N.W. are probable, with a moderate or rather low temperature.

## FORECASTS\*

For the 24 hours ending at NOON on 15<sup>th</sup> July, 1906.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	{ S.W. <sup>d</sup> to N.W. <sup>d</sup> winds, light;
1	{ SCOTLAND EAST	{ cool, changeable, some rain.
2	{ ENGLAND N.E.	{ S.W. <sup>d</sup> and W. <sup>d</sup> winds, moderate;
3	{ ENGLAND EAST	{ fair at first, showery later.
4	{ MIDLAND COUNTIES	{ W. <sup>d</sup> to S.W. <sup>d</sup> winds, moderate;
5	{ ENGLAND SOUTH	{ fair to-day, some showers to-night
		{ or to-morrow. Moderate temperature.

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	} Same as Nos. 0 & 1.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	{ W. <sup>d</sup> and N.W. <sup>d</sup> winds, light; fair generally,
9	{ IRELAND NORTH	{ but slight showers locally.
10	{ IRELAND SOUTH	{ S.W. <sup>d</sup> to N.W. <sup>d</sup> winds, freshening; cool,
		{ changeable, some rain.
		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.



## DAILY WEATHER REPORT.

14<sup>TH</sup> JULY, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	70	54	*	3.2	0.05	† Brighton ...	63	47	*	7.5	-
Blackpool, to 9 p.m. ...	58	50	o, r, o	0.0	0.34	† Eastbourne, to 6 p.m. ...	62	48	bc, o	9.1	-
Southport, to 9 p.m. ...	59	48	o, r, o, c	0.0	0.24	Bexhill-on-Sea,	64	49	*	8.5	-
Rhyl, to 6 p.m. ...	60	52	?	0.0	0.19	† Hastings ...	*	*	*	9.5	*
Llandudno, to 9 p.m. ...	60	50	bc, p	0.1	0.20	† Folkestone, to 6 p.m. ...	63	51	m, b	11.0	0.01
Bettws-y-Coed, to 6 p.m.						Broadstairs, to 6 p.m. ...	*	*	*	8.0	*
Towyn, to 6 p.m. ...	60	43	r, o	0.0	0.49	Margate, to 6 p.m. ...	69	50	?	6.5	-
Aberystwyth, to 6 p.m. ...	59	45	†, o	0.0	0.16	Lowestoft, to 6 p.m. ...	72	51	c, bc, o, c	9.7	-
Plymouth, to 9 p.m. ...	61	46	o, o, dm	0.0	0.19	† Skegness ...	68	58	bc, c	7.0	-
Torquay, to 6 p.m. ...	60	50	*	0.6	0.02	† Scarborough, to 6 p.m. ...	69	48	*	10.0	-
Bournemouth, to 6 p.m. ...	64	47	*	2.2	0.10	† Harrogate, to 6 p.m. ...	62	46	c, p, o	2.0	0.11
Bognor, to 6 p.m. ...	*	*	bc, o, g	7.3	*	Darwen, to 9 p.m. ...	57	46	o, m, t	0.0	0.20
† Worthing ...	63	46	*	7.4	-	Manchester, to 9 p.m. ...					
						Birmingham, to 9 p.m. ...	57	46	o, r, d	0.0	0.33

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 13 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	59	54	bc, c	0.12	Rome ...	83	65	b, bc	-
Aix-la-Chapelle ...	61	45	b, b	0.16	Naples ...	78	67	b, m	-
Copenhagen ...	not received.				Malta ...	not received.			
Oxö (Christiansand) ...	63	59	o, o	-	Geneva 12 <sup>th</sup> July, 1906	66		1 p.m. bc	Measured 7 a.m.
St. Petersburg ...	86	68	b, b	-	Berne ...	64	*	o	0.16
Vienna ...	70	61	c, o	-	Lucerne ...	59	*	o	1.97
Buda-Pesth ...	82	59	bc, b	-	Coire ...	59	*	o	0.67
Hermanstadt ...	79	57	o, b	0.04	St. Gotthard ...	37	*	f	0.95
Trieste ...	79	66	b, o	0.28	Lugano ...	79	*	b	0.71
Florence ...	84	61	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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. (,, ,)	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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.

14 <sup>th</sup> July, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	3.47	11.59	8.10
Greenwich ...	4.0	12.6	8.11
Wick ...	3.29	12.18	9.6
Valencia ...	1.38	72.47	8.53

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Sunday,

Meteorological Office, London.

15<sup>th</sup> July, 1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12)	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12)	Weather.	Sea (0 to 9)		Max.	Min.	Weather.	Sun. shine.	Rainfall.
SCANDINAVIA.	Haparanda...	29.84	64	E	2	c	29.70	-34	68	61	+5	S	4	c			79	48			0.22
	Hernösand ...	29.79	60	Z	0	b	29.62	-40	63	56	+2	Z	0	b			72	46			-
	Stockholm ...	29.61	65	W	4	bc	29.73	-20	63	56	-3	W	4	bc			77	54			-
	Wisby...	29.85	64	NW	2	b	29.80	-13	61	57	-4	WNW	4	o			66	55			-
	Karlstad ...	29.85	61	WSW	4	o	29.73	-22	60	56	-3	SW	6	o							-
	Färder (X'ania Fjord)	29.82	61	SW	5	c	29.68	-25	61	56	-1	SW	5	o	3		63	61			-
	Bodö ...	29.68	66	Z	0	b	29.56	-35	58	54	-6	E	1	o	1		70	57			-
	Christiansund ...	29.66	55	SW	2	r	29.59	-25	51	49	-9	W	4	r	3		61	50			0.67
BRITISH ISLANDS.	Skudesnaes ...	29.78	54	W	4	c	29.61	-27	56	55	-3	WSW	4	r	3		61	50	bc		0.43
	Sumburgh Head	29.61	52	W	4	c	29.51	-24	52	50	+3	WSW	3	c	3		55	47	r.c		0.16
	Stornoway ...	29.71	53	WSW	3	o	29.62	-11	51	48	-2	W	4	org	4		58	47	o.c	1.6	0.15
	Malin Head ...	29.82	55	SW	5	orgm	29.78	-13	53	50	-1	NW	6	orgm	5		57	49	o.orgm		0.52
	Blacksod Pt. ...	29.92	58	SW	5	ogm	29.94	-07	55	52	-2	WNW	4	bc	4		59	52	odp.org		0.23
	Valencia ...	30.12	59	SW	2	om	30.05	-11	57	55	0	WNW	4	om	5		62	56	om	0.7	0.05
	Roché's Point ...	30.08	64	SW	3	b	30.00	-12	61	59	+3	WNW	5	og	2		69	56	bc.b		-
	Birr Castle ...	30.02	65	W	3	bc	29.95	-12	57	54	+1	WNW	4	c			66	53	bc.r	6.2	0.10
GERMANY, &c.	Donaghadee ...	29.93	65	WSW	2	o	29.83	-17	54	52	0	NW	4	c	3		66	54	o.c.bcp		0.07
	Liverpool Obsy...	30.00	65	W	2	bc	29.85	-18	58	58	+2	WSW	3	o	4		66	55	b.bc		0.12
	Holyhead ...	30.01	57	SW	4	om	29.87	-18	57	56	+2	W	4	r	3		61	53	cm.o		0.05
	Pembroke (St. Ann's Hd.)	30.10	59	WSW	4	bc	29.97	-12	57	57	0	WSW	6	f	5		60	54	bc.c.df	10.2	0.01
	Scilly (St. Mary's)	30.20	60	WNW	2	c	30.12	-03	58	57	-1	WSW	4	m	2		62	57	c.o	5.4	-
	Jersey (St. Aubins)	30.20	62	WNW	4	b	30.17	+03	58	57	-2	SW	5	o	4		67	57	bc.b.od	8.2	-
	Portland Bill	30.09	60	WSW	5	c	30.05	-03	58	57	-2	SW	6	bc	5		62	56	c		-
	Dungeness ...	30.07	62	SW	5	c	30.03	-01	60	58	+2	SW	6	o	5		64	57	c	8.0	-
FRANCE.	Wick ...	29.69	53	SW	1	c	29.58	-18	53	51	+2	W	1	bc	1		60	49	-		0.03
	Nairn ...	29.73	61	W	1	o	29.62	-17	51	50	-3	WSW	2	c	1		64	49	-		0.12
	Aberdeen ...	29.74	61	SSW	4	o	29.63	-21	55	52	+2	NW	4	c	2		69	53	o.c.od	3.5	0.09
	Leith ...	29.84	59	SW	4	o	29.70	-19	60	54	+4	SW	5	bc			64	55	o.r		0.14
	North Shields	29.91	63	SW	2	c	29.70	-20	62	58	+4	W	4	o	2		69	56	c.r.o		0.03
	Spurn Head	29.96	64	WNW	4	c	29.81	-14	59	57	0	WSW	5	p	3		68	58	bc.m.c		-
	Yarmouth ...	29.99	68	WNW	3	b	29.91	-07	61	56	+2	WSW	4	bc	3		70	56	bc.b		-
	Clacton-on-Sea	30.02	72	W	2	bc	29.98	-05	59	57	-1	WSW	5	o	4		74	54	cp.bc.o	7.3	-
SPAN. PEN.	Nottingham ...	30.00	70	W	1	c	29.87	-12	62	59	+3	WSW	2	o			73	55	c	9.1	-
	Bath ...	30.11	68	W	4	b	30.01	-07	63	60	+2	W	5	o			69	57	-	9.4	-
	Oxford ...	30.06	63	WSW	2	c	29.98	-08	61	58	0	WSW	5	org			74	54	bc.c.o		-
	London (St. James' Park)	30.03	73	W	2	b	30.00	-03	61	58	-2	WSW	4	c			75	55	b.bc.c	10.8	-
	The Scaw (Skagen)	29.89	61	Z	0	b	29.77	-20	60	56	+1	W	4	o	1		66	57			-
	Fanö ...	29.95	58	SW	4	o	29.86	-45	60	58	+1	SW	4	m			64	55			-
	Cuxhaven ...	30.03	62	W	2	r	29.95	-09	60	58	+2	SW	5	cp			64	55			0.12
	The Helder ...	30.04	59	SW	2	c	29.94	-10	61	59	+1	SW	5	c	2		61	55			-
GERMANY, &c.	Brussels ...						30.11	-01	56	55	-1	SW	4	o			71	53			-
	Berlin ...	30.02	61	W	1	b	30.01	-07	63	57	+4	W	3	o			72	57			-
	Frankfurt ...	30.13	61	NW	2	b	30.13	00	63	58	+10	SW	3	c			73	58			-
	Munich ...	30.14	55	W	5	bc	30.18	+01	58	54	+10	SW	4	c			58	48			-
	C. Gris Nez ...	30.12	61	SSW	3	m	30.10	+01	57	55	+1	W	5	o	5		64	55			-
	Brest ...	30.23	62	WNW	3	f	30.21	+04	58	58	0	W	4	f	4		63	55			0.04
	Lorient ...	30.19	66	NW	4	b	30.23	+08	58	57	-2	W	4	o	2		68	54			-
	Rochefort ...	30.23	66	NW	4	o	30.28	+11	62	60	-1	NW	2	o			70	61	o		-
FRANCE.	Biarritz ...	30.30	66	WSW	2	o	30.31	+03	66	64	+3	W	1	o	2		68	63			0.04
	Paris ...	30.16	66	WNW	2	o	30.19	+06	58	56	-3	W	1	c			67	52			-
	Belfort ...	30.14	61	W	3	m	30.14	-01	58	55	+3	WSW	2	o			73	49			-
	Lyons ...	30.14	57	NNE	2	o	30.17	-02	70	60	+9	N	1	o			75	57			-
	Nice ...	29.92	70	Z	0	b	30.01	+17	73	59	+5	Z	0	b	2		75	59			-
	Perpignan ...	30.13	77	W	2	b	30.19	-02	68	60	+3	NW	4	b			81	64			-
	Corunna ...																				-
	Lisbon ...	30.12	77	NNW	5	b	30.12	00	82	65	+4	N	3	b			86	77			-
SPAN. PEN.	Azores (P. Delgada)	30.45	66	ENE	2	r	30.41	-03	66	64	-1	NNE	4	m	3		72	64			-
	„ (Horta)	30.50	69	NE	4	o	30.47	-03	67	64	+1	NE	3	o	2		73	64			-

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +03 in., but for Sumburgh Head +04 in.; for stations South of Malin Head and North Shields +02 in., but for Scilly and Jersey +01 in.

(b) 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, 15<sup>TH</sup> JULY,

1906.

## 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

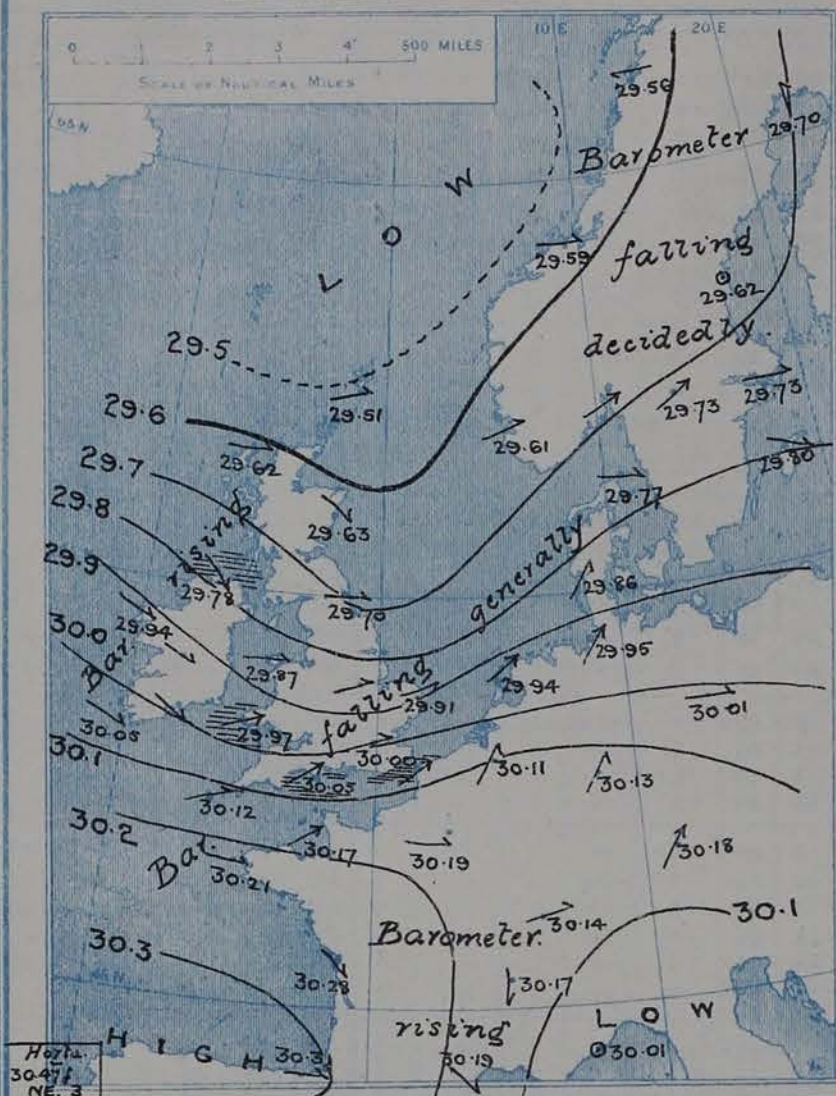
Calm

Force 8 to 10

Force 1 to 4

SEA.—Rough

High

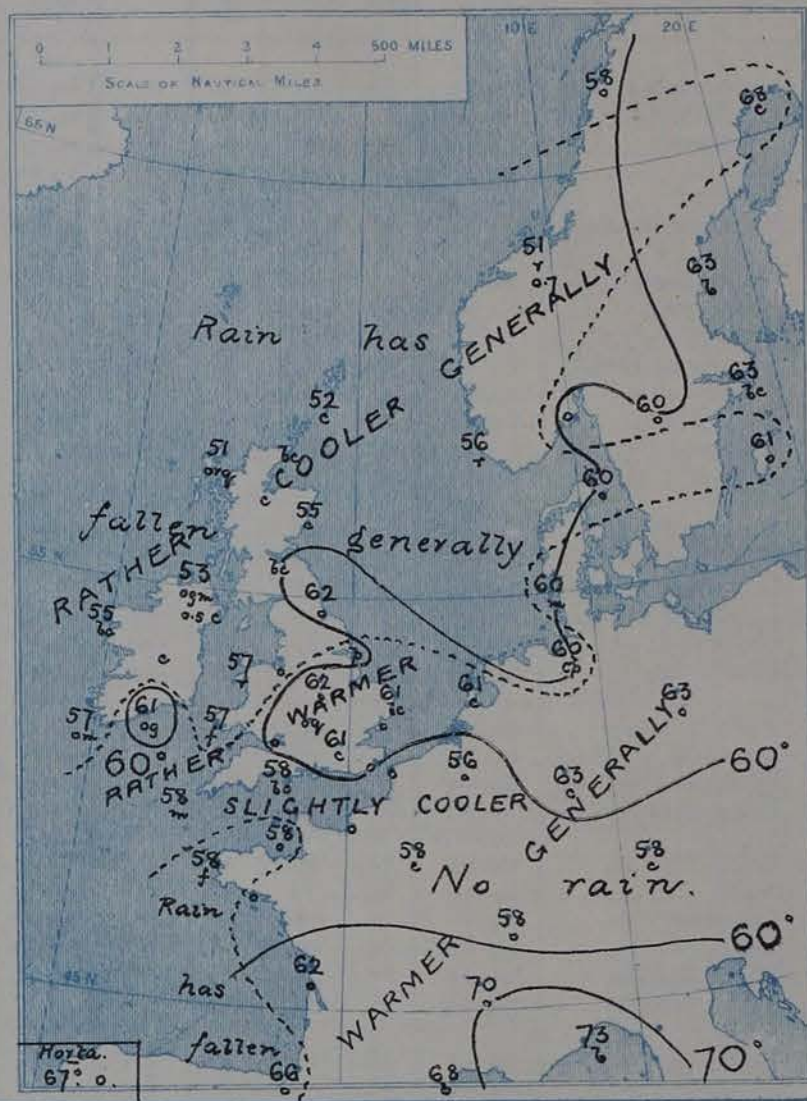


## II. TEMPERATURE AND WEATHER. This Morning

TEMPERATURE.—Isotherms are drawn for each 10°

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

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 Saturday, 7<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. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The central space of a high pressure system, in which the barometer is above 30.3 ins., is situated over the northern part of Spain. An Atlantic depression of great extent has advanced to the N.W. of these Islands and has occasioned a decrease of pressure all over the northern half of our area, rather decided over North Britain and Scandinavia, the barometer having fallen to 29.5 ins. at Sumburgh Head. On our western coast the mercury is already rising. The gradients have become steeper than for some time past.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

In accordance with the distribution of pressure the winds show a well-defined flow, from about NW. or W. over the western districts and France, and from about S.W. over our eastern districts and beyond the North Sea. At many home stations and at some of those on the other side of the North Sea a fresh or strong breeze is blowing, a fresh gale having been experienced at Malin Head in the night. Temperature has fallen in most parts of Scandinavia, in our northwestern and southern districts, and in Northern France, risen elsewhere. The present values range from 51° at Stromway and Nairn, 52° at Sumburgh Head and 53° at Wick and Malin Head to 62° at Nottingham and Shields and 63° at Bath; from 51° at Christiansund and 56° at Skudesnaes to 70° at Lyons and 73° at Nice, 79° at Oporto and 82° at Lisbon. Throughout our area the weather is very variable, fine and clear in some localities, very cloudy to overcast in others, gloomy or misty at some of our west coast stations and at Faoi, foggy off Pembroke and Brest, squally in our northwestern coasts, and rain is falling at Stromway, Holyhead, Christiansund and Skudesnaes, showers at Spurn Head. The sea is rather rough on the eastern half of the English Channel and off Pembroke, Valencia and Malin Head, moderate to very smooth elsewhere.

During yesterday temperature rose to 70° and upwards at several stations in the south and east of England, to 74° at Margate, Blackon-on-Sea, Skegness and Oxford and to 75° in London, but remained below 65° on the north and northwest coasts. Rain fell in many places, mostly in light showers, but at Malin Head  $\frac{1}{2}$  in. was measured. The duration of bright sunshine ranged from 0.7 hr. at Valencia and 1.3 hr. at Strathpeffer to more than 10 hrs. at Llandudno, Pembroke, Bournemouth and in London, and 11 hrs. at Rhyl.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on 16<sup>th</sup> July, 1906.

### 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.

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

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



## DAILY WEATHER REPORT.

Sunday, 15<sup>TH</sup> July, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	61	50	*	1.3	0.02	†Brighton ...					
Blackpool, to 9 p.m. ...	62	53	c, b	8.1	-	†Eastbourne, to 6 p.m. ...	66	55	o, b, bc	8.4	0.14
Southport, to 9 p.m. ...	64	52	o, c, b, c, o	7.8	-	Bexhill-on-Sea, to 9 p.m.					
Rhyl, to 6 p.m. ...	69	56	r, bc, b	11.0	0.19	†Hastings ...	*	*	*	7.4	*
Llandudno, to 9 p.m. ...	67	53	bc, p	10.1	0.11	†Folkestone, to 6 p.m. ...	65	55	o, b	6.2	0.01
Bettws-y-Coed, to 6 p.m.						Broadstairs, to 6 p.m. ...	*	*	*		*
†Towyn, to 6 p.m. ...	63	56	b, bc, c	9.5	-	Margate, to 6 p.m. ...	74	54	o, b	6.8	0.01
Aberystwyth, to 6 p.m. ...	61	55	c, bc, c	7.3	-	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...						†Skegness ...	74	57	bc, c	6.4	-
Torquay, to 6 p.m. ...			*			Scarborough, to 6 p.m. ...			*		
†Bournemouth, to 6 p.m. ...	72	52	*	10.5	0.04	†Harrogate, to 6 p.m. ...	66	52	o, c	3.7	-
Bognor, to 6 p.m. ...	*	*	c, b, c	8.4	*	Darwen, to 9 p.m. ...					
†Worthing ...	66	56	c, o, b	7.3	0.07	Manchester, to 9 p.m. ...	66	51	bc, p, bc	7.5	0.01
						Birmingham, to 9 p.m. ...					

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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... 1906.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	Observations not rec <sup>d</sup>				Rome 14 <sup>th</sup> July, 1906.	Observations not rec <sup>d</sup>			
Aix-la-Chapelle... ..					Naples ... ..				
Copenhagen ... ..					Malta ... ..				
Oxö (Christiansand)... ..					Geneva 13 <sup>th</sup> July, 1906.	1 p.m.		1 p.m.	Measured 7 a.m.
St. Petersburg ... ..					Berne ... ..	55	*	r	0.04
Vienna ... ..					Lucerne ... ..	52	*	r	0.16
Buda-Pesth ... ..					Coire... ..	54	*	r	0.16
Hermanstadt ... ..					St. Gotthard ... ..	39	*	o	2.05
Trieste ... ..					Lugano ... ..	30	*	f	0.39
Florence ... ..						54	*	r	0.63

## 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 ...	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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.

15 <sup>th</sup> July, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	3.48	11.59	8.9
Greenwich ...	4.2	12.6	8.10
Wick ...	3.31	12.18	9.4
Valencia ...	4.39	12.47	8.54.

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 8 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Monday

Meteorological Office, London.

16<sup>th</sup> July,

1906.

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.	Rainfall.		
				At 32° Fahr. and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12.)	At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.		Dirac.	Force (0 to 12.)				Max.	Min.
SCANDINAVIA.	Haparanda...	Ins.	68	Z	0	0	29.13	-57	59	58	-9	NW	2	r	*	72	57	*	*	0.63	
	Hernösand ...	29.40	65	SW	1	6	29.23	-39	63	57	0	S	2	6	*	72	50	*	*	-	
	Stockholm ...	29.55	66	WSW	2	0	29.39	-34	61	56	-2	SW	4	c	*	72	59	*	*	0.04	
	Wisby...	29.63	65	WSW	6	c	29.49	-31	63	58	+2	W	8	bc	*	68	57	*	*	-	
	Karlstad ...	29.49	60	SW	4	0	29.38	-35	57	50	-3	NW	6	b	*	*	*	*	*	-	
	Færder (X'ania Fjord)	29.43	61	SW	6	c	29.44	-24	57	49	-4	W	6	b	3	61	55	*	*	0.04	
	Bodö ...	29.55	52	W	2	0	29.29	-27	54	53	-4	Z	0	c	0	59	50	*	*	-	
	Christiansund ...	29.50	53	W	1	7	29.45	-14	52	48	+1	W	2	r	2	54	50	*	*	0.08	
Skudesnaes ...	29.58	54	W	6	c	29.60	-01	52	47	-4	NW	6	c	3	56	48	b, c	*	0.35		
BRITISH ISLANDS.	Sumburgh Head	29.50	52	WSW	3	6	29.57	+06	50	48	-2	W	3	c	3	55	45	6	*	0.06	
	Stornoway ...	29.69	55	WNW	6	r	29.63	+01	51	49	0	WSW	2	0	2	57	43	c, r, q	11.2	0.14	
	Malin Head ...	29.89	55	WNW	5	bm	29.65	-13	56	56	+3	NW	5	7m	5	57	50	6, bm, r	*	0.14	
	Blacksod Pt. ...	30.03	56	WNW	4	og	29.84	-10	57	57	+2	WSW	6	dgm	5	59	45	6, c, og	*	0.06	
	Valencia ...	30.15	59	W	3	bc	30.09	+04	59	58	+2	WSW	3	odm	4	61	55	6, c, o	9.2	0.03	
	Roche's Point ...	30.11	63	NNW	4	6	30.05	+05	63	60	+2	WNW	3	c	1	65	55	6, c, 6	*	-	
	Birr Castle ...	30.05	59	WNW	5	bc	29.93	-02	60	59	+3	WSW	4	otu	*	62	55	c, q, 6, c	7.8	-	
	Donaghadee ...	29.94	58	WSW	4	c	29.77	-06	55	54	+1	WSW	3	r	2	62	49	6, c, q, ot	*	0.13	
	Liverpool Obsy...	29.96	59	W	3	c	29.89	+04	54	53	-4	SW	1	0	2	61	53	6, c, c, op	*	0.04	
	Holyhead ...	29.99	60	W	3	bc	29.88	+01	57	55	0	WSW	6	c	4	63	53	c, 6, c	*	0.01	
	Pembroke (St. Ann's Hd.)	30.06	58	WNW	5	c	30.04	+07	57	57	0	WSW	5	m	4	60	55	f, 6, c, c	6.4	-	
	Scilly (St. Mary's) ...	30.16	60	WNW	3	c	30.18	+06	59	56	+1	WSW	3	0	2	63	57	o, c	5.3	0.01	
	Jersey (St. Aubins) ...	30.15	60	WSW	5	0	30.16	-01	61	57	+3	W	5	bc	4	65	55	od, em	0.3	0.01	
	Portland Bill ...	30.04	59	WSW	4	bc	30.10	+05	58	56	0	WSW	4	bc	4	62	56	og, 6, c	*	-	
	Dungeness ...	29.98	60	SW	7	0	30.07	+04	61	55	+1	W	6	bc	5	63	49	c, o	2.8	-	
	Wick ...	29.60	51	W	3	c	29.65	+07	52	49	-1	W	1	bc	1	61	48	-	*	0.07	
	Nairn ...	29.68	56	WSW	4	bc	29.67	+05	52	48	+1	WSW	1	c	1	60	47	-	*	0.06	
	Aberdeen ...	29.70	58	W	4	c	29.71	+08	53	48	-2	SW	3	0	2	63	49	c, 6, c, o	10.0	-	
	Leith ...	29.77	58	W	6	bc	29.74	+04	54	50	-6	SSW	4	0	*	64	50	-	*	-	
	North Shields ...	29.82	61	W	4	c	29.82	+12	52	50	-10	SSW	3	r	2	66	47	p, c	*	0.07	
	Spurn Head ...	29.87	62	WNW	5	c	29.92	+11	55	52	-4	SW	3	0	3	65	52	c, p	*	-	
	Yarmouth ...	29.87	64	WNW	4	c	29.98	+07	57	53	-4	W	4	c	3	71	50	cp, c	*	0.04	
	Clacton-on-Sea ...	29.93	66	WSW	5	c	30.03	+05	59	54	0	WSW	4	c	3	71	50	o, 6, c, cp	4.6	0.01	
	Nottingham ...	29.94	61	WNW	5	c	29.95	+08	57	53	-5	WSW	2	em	*	68	50	cp, c	4.0	-	
	Bath ...	30.02	62	NE	4	c	30.06	+05	62	57	-1	W	3	c	*	69	50	-	3.2	-	
	Oxford ...	30.04	60	WNW	2	bc	30.03	+05	60	54	-1	WSW	5	b	*	69	49	6, c, q, r, c	*	0.01	
	London (St. James' Park)	29.95	66	W	3	c	30.05	+05	60	55	-1	WSW	3	b	*	69	51	op, c, 6	2.4	0.02	
GERMANY, & C.	The Scaw (Skagen)	29.54	59	WSW	4	0	29.57	-20	55	51	-5	WNW	6	r	2	63	54	*	*	-	
	Fanö ...	29.73	57	SW	6	bc	29.79	-07	56	53	-4	W	4	bc	*	66	52	*	*	0.12	
	Cuxhaven ...	29.85	63	W	5	r	29.88	-07	59	58	-1	WNW	5	c	*	70	55	*	*	0.12	
	The Helder ...	29.88	59	W	3	r	30.00	+06	59	53	-2	WNW	3	bc	3	63	57	*	*	0.16	
	Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Berlin ...	29.89	69	W	1	b	29.89	-12	60	54	-3	W	5	b	*	77	59	*	*	0.04	
FRANCE.	Frankfurt ...	30.00	67	SW	3	c	30.02	-11	65	59	+2	NW	3	c	*	77	59	*	*	-	
	Munich ...	30.07	62	SW	2	b	30.09	-09	65	60	+7	NW	4	b	*	70	57	*	*	-	
	C. Gris Nez ...	30.03	58	WSW	6	f	30.10	00	59	57	+2	WSW	4	b	4	61	55	*	*	-	
	Brest ...	30.22	61	W	4	m	30.23	+02	59	58	+1	WNW	3	c	3	64	55	*	*	-	
	Lorient ...	30.21	63	NW	5	0	30.25	+02	66	62	+8	NW	2	b	1	68	55	*	*	-	
	Rochefort ...	30.29	68	NW	3	c	30.28	00	64	62	+2	NW	3	0	*	70	61	c	*	-	
SPAN. PEN.	Biarritz ...	30.34	69	NW	2	b	30.34	+03	66	65	0	Z	0	0	1	72	61	*	*	-	
	Paris ...	30.11	73	WNW	3	bc	30.19	00	63	59	+5	NW	3	bc	*	78	58	*	*	-	
	Belfort...	30.04	68	WSW	4	c	30.16	+02	59	58	+1	WSW	3	r	*	76	56	*	*	-	
	Lyons ...	30.13	75	NW	1	c	30.23	+06	64	58	-6	NNW	2	b	*	81	57	*	*	-	
	Nice ...	30.01	70	WSW	2	b	30.04	+03	69	67	-4	Z	0	bc	1	81	61	*	*	-	
	Perpignan ...	30.15	75	NW	5	b	30.20	+01	68	61	0	W	5	b	*	80	65	*	*	-	
SPAN. PEN.	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Lisbon ...	30.08	80	NNW	5	b	30.05	-07	82	62	0	NNE	4	b	*	91	75	*	*	-	
	Azores (P. Delgada)...	30.41	67	NE	4	b	30.34	-07	67	62	+1	NE	3	0	2	73	64	*	*	-	
SPAN. PEN.	„ (Horta) ...	30.46	68	Z	0	0	30.38	-09	66	63	-1	Z	0	c	1	73	64	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) 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, 16<sup>th</sup> JULY, 1906.

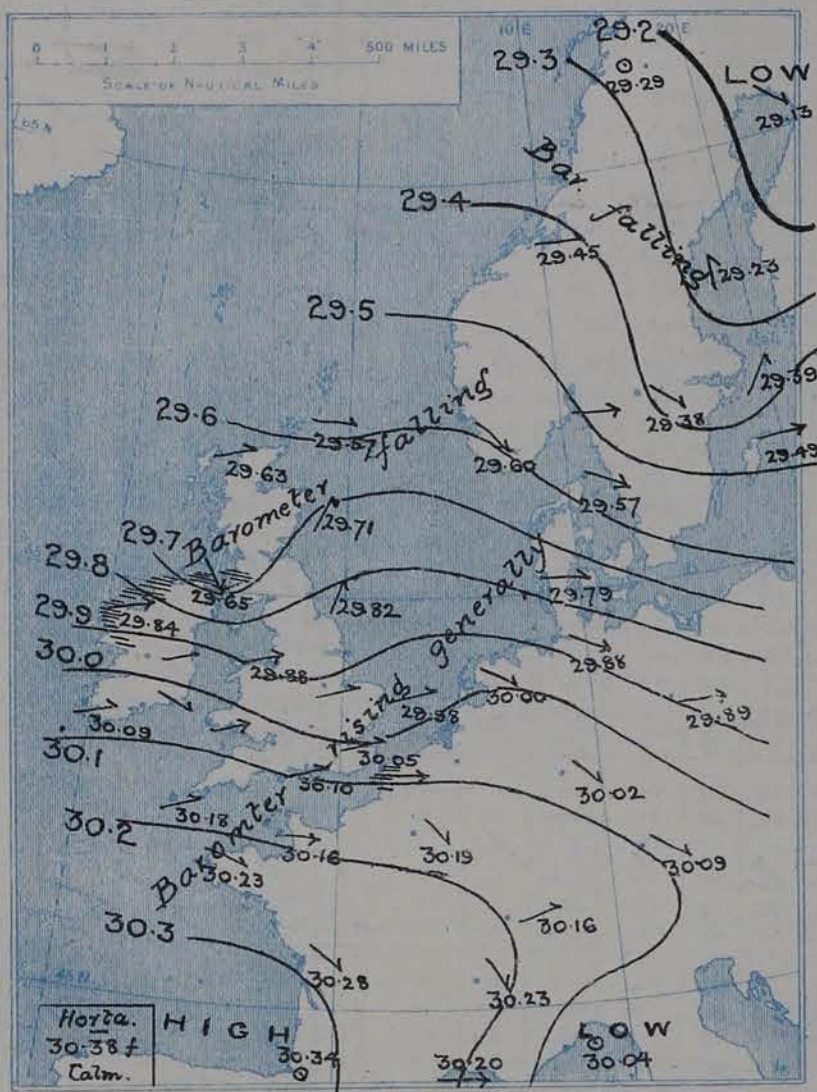
## I. BAROMETER, WIND AND SEA. This Morning.

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, 7<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

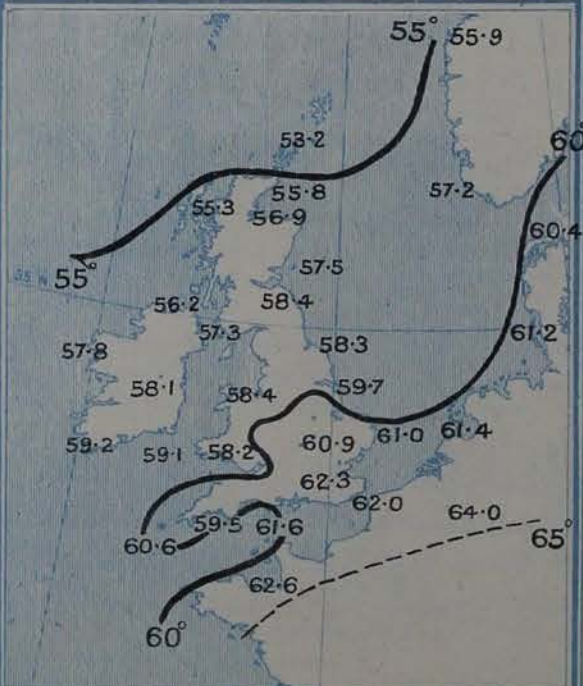


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

PRESSURE

A W.<sup>s</sup> type of weather continues to prevail over the greater part of our area. An anticyclone is situated over the Bay of Biscay and the greater part of France, the highest pressures, 30.3 ins. and upwards being reported over the southwest of France. The lowest readings, 29.2 ins. and less, are found over the north of Scandinavia; but a small secondary depression, in which readings are below 29.7 ins., is advancing over Scotland from the Atlantic, and is occasioning a fall of the barometer at most of our own northern stations. Over Ireland the barometric gradient is rather steep.

WIND

TEMPERATURE

WEATHER

AND

SEA

The approach of the secondary disturbance is marked by freshening W.<sup>s</sup> winds on our western coasts, but by light S.W.<sup>s</sup> breezes in the eastern parts of Great Britain, with rain over Ireland and the north of England. In Scotland the sky is mostly cloudy or overcast, and temperature low, the readings in the north ranging between 50° and 52°. Over Central and Southern England the weather is at present fine, the thermometer standing in many places at or slightly above 60°. Strong W.<sup>s</sup> winds are reported on the eastern shores of the North Sea, and a gale from the same quarter at Wisby, but light or moderate N.W.<sup>s</sup> breezes in France and Germany, the weather at the Continental stations being in a somewhat variable state, with rain at Christiansund, the Skaw and Belfort. Over the greater part of France, Germany and the Baltic the readings of the thermometer range between 60° and 65°, but in the south of France the latter point is exceeded. Along the west coasts of Norway the readings are below 55° and are very similar to those in Scotland. The sea is rather rough in the Straits of Dover, and also off the north coasts of Ireland, but is moderate to smooth elsewhere.

During yesterday the thermometer rose to 70° and upwards along the east coasts of England, and to 73° at Lowestoft. Over Central and Southern England the maximum readings were a trifle lower, and at the majority of our western and northern stations the thermometer did not reach 65°. In Germany and Central France the thermometer exceeded 75°. Over England and Wales the amount of bright sunshine was small, but in Ireland and Scotland the weather was brighter, the duration at Stromway amounting to more than 11 hrs. Showers were experienced in most parts of the United Kingdom, and rain fell also in Scandinavia, Denmark and North Germany.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The secondary depression which is approaching the west of Scotland is likely to travel in an E.<sup>s</sup> or E.S.E.<sup>s</sup> direction across our northern districts and the North Sea. Its progress will be attended by strong W.<sup>s</sup> to N.W.<sup>s</sup> winds on many parts of our western and southern coasts, with rain or passing showers over the United Kingdom generally.

## FORECASTS\*

For the 24 hours ending at NOON on 17<sup>th</sup> July, 1906.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	{ S.W. <sup>s</sup> to N.W. <sup>s</sup> winds, light or moderate; cool, changeable, some rain.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	{ S.W. <sup>s</sup> to W. <sup>s</sup> winds, freshening; cool and changeable, with occasional rain
3	{ ENGLAND EAST	{ S.W. <sup>s</sup> to W. <sup>s</sup> or N.W. <sup>s</sup> winds, strong in places; cool, changeable, some showers, thunder locally.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	{ W. <sup>s</sup> to N.W. <sup>s</sup> winds, strong; rainy at first, some improvement later. Remaining cool.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	{ W. <sup>s</sup> and N.W. <sup>s</sup> winds, freshening; changeable, some showers.
9	{ IRELAND NORTH	Same as Nos. 6 & 7.
10	{ IRELAND SOUTH	Same as No. 8.
WARNINGS		NONE ISSUED.

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

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

11.35 a.m.



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...			*			† Brighton ...	63	56	*	0.1	-
Blackpool, to 9 p.m. ...	62	56	+, bc	8.2	0.23	† Eastbourne, to 6 p.m. ...	61		omr, bc	1.8	0.01
Southport, to 9 p.m. ...	62	56	o, b	8.4	0.26	Bexhill-on-Sea	63	57	ou, o	0.1	-
† Rhyl, to 6 p.m. ...	69	56	b, +, bc	5.8	?	† Hastings ...	*	*	*	0.0	*
Llandudno, to 9 p.m. ...	67	57	bc p	6.6	0.14	† Folkestone, to 6 p.m. ...	63	55	b, o, r, o	1.3	-
Bettws-y-Coed, to 6 p.m.						Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m. ...	64	37	+, o, bc	4.3	0.10	Margate, to 6 p.m. ...	70	55	c	6.0	-
Aberystwyth, to 6 p.m. ...	59	55	+, o, c	5.0	0.02	Lowestoft, to 6 p.m. ...	73	55	bc, o, cp, c	7.2	0.10
Plymouth, to 9 p.m. ...						Skegness ...	68	55	?	3.0	-
Torquay, to 6 p.m. ...	69	56	*	8.0	-	Scarborough, to 6 p.m. ...	72	58	*	5.1	-
Bournemouth, to 6 p.m. ...	67	53	*	2.9	-	Harrogate, to 6 p.m. ...	65	56	o, cp	5.0	0.04
Bognor, to 6 p.m. ...	*	*		1.1	*	Darweb, to 9 p.m. ...					
Worthing ...	63	55	o, c, b	0.8	-	Manchester, to 9 p.m. ...	63	56	c, b, v	5.3	0.12
						Birmingham, to 9 p.m. ...	66	53	o, c	1.9	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

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

STATIONS. <i>15<sup>th</sup> July, 1906.</i>	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	<i>Observations not received.</i>				Rome ... .. <i>15<sup>th</sup> July, 1906.</i>	<i>Observations not received.</i>			
Aix-la-Chapelle... ..					Naples ... ..				
Copenhagen ... ..					Malta ... ..				
Oxö (Christiansand)... ..					Geneva ... .. <i>14<sup>th</sup> July, 1906.</i>	<i>1 p.m.</i> 64		<i>1 p.m.</i> 6	Measured <i>7 a.m.</i>
St. Petersburg ... ..					Berne ... ..	63	*	bc	0.59
Vienna ... ..					Lucerne ... ..	61	*	o	0.67
Buda-Pesth ... ..					Coire... ..	52	*	o	1.62
Hermanstadt ... ..					St. Gotthard ... ..	34	*	bc	?
Trieste ... ..					Lugano ... ..	70	*	bc	1.18
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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. (,, ,)	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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.

16 <sup>th</sup> July, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	3.49	11.59	8.8
Greenwich ...	4.3	12.6	8.9
Wick ...	3.33	12.18	9.2
Valencia ...	4.40	12.47	8.53

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Tuesday,

Meteorological Office, London.

17<sup>th</sup> July,

1906.

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	Rainfall.		
		At 32° Fahr. and M.S.L.	Dry Bulb.	Force (0 to 12.)	Weather.		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Force (0 to 12.)	Weather.		Max.	Min.					
SCANDINAVIA.		Ins.					Ins.	Ins.										Hours.	Ins.		
	Haparanda...	29.28	59	SW	4	b	29.30	+17	57	51	-2	SW	4	r		68	57		1.22		
	Hernösand ...	29.43	52	WSW	2	c	29.30	+07	48	44	-15	W	6	o		68	748		-		
	Stockholm ...	29.44	55	W	4	c	29.53	+14	57	52	-4	WSW	4	o		68	55		-		
	Wisby...	29.58	60	W	8	b	29.61	+12	58	52	-5	W	8	bc		66	58		-		
	Karlstad ...	29.53	54	W	2	c	29.55	+17	54	49	-3	W	4	bc					0.04		
	Færder (X'ania Fjord)	29.52	62	W	6	b	29.59	+15	56	47	-1	WNW	2	b	3	63	55		-		
	Bodö ...	29.23	51	SW	4	o	29.32	+03	52	51	-2	SW	4	o	2	55	50		0.08		
BRITISH ISLANDS.	Christiansund ...	29.56	50	WNW	3	r	29.55	+10	49	45	-3	WNW	6	r	4	54	46		0.24		
	Skudesnaes ...	29.67	52	NW	6	o	29.69	+09	50	50	-2	Z	0	r	3	55	48	c.o	0.43		
	Sumburgh Head	29.56	50	W	3	o	29.67	+10	50	47	0	W	4	o	4	54	41	bc.o	0.45		
	Stornoway ...	29.71	53	WNW	3	r	29.72	+09	51	49	0	WSW	2	d	2	56	44	od.r	0.6		
	Malin Head ...	29.75	55	NW	5	o	29.77	+12	57	56	+1	WNW	5	om	5	58	52	og.o	0.08		
	Blacksod Pt. ...	29.91	58	WSW	6	ogm	29.89	+05	58	58	+1	SW	6	ogdpm	5	59	56	odp.og	0.05		
	Valencia ...	30.10	60	WSW	4	om	30.05	-04	59	58	0	SW	3	opm	4	61	57	om	0.04		
	Roches Point ...	30.07	65	NW	4	c	30.07	+02	58	57	-5	SW	3	o	3	69	55	bc.c	-		
GERMANY, & C.	Birr Castle ...	29.98	61	WSW	5	o	30.00	+07	61	59	+1	WSW	4	o		63	58	ogm.o	0.0		
	Donaghadee ...	29.82	61	W	3	o	29.90	+13	61	59	+6	SW	3	c	3	63	49	opm	0.06		
	Liverpool Obsy...	29.89	62	WSW	5	o	30.00	+11	62	58	+8	WSW	3	o	3	66	54	op.o	-		
	Holyhead ...	29.92	60	WSW	4	cm	30.00	+12	61	58	+4	WSW	3	c	2	63	55	cm.o	-		
	Pembroke (St. Ann's Hd.)	30.05	58	WSW	6	bc	30.08	+04	55	55	-2	WSW	3	f	4	60	55	c.bc.f	5.9		
	Scilly (St. Mary's) ...	30.18	60	WNW	2	o	30.13	-05	60	58	+1	SW	1	c	1	63	58	c.o.f	1.9		
	Jersey (St. Aubins) ...	30.21	62	W	5	o	30.20	+04	58	57	-3	SW	3	o	3	65	56	bc.od.f	6.0		
	Portland Bill ...	30.07	60	WSW	6	c	30.13	+03	59	58	+1	SW	3	o	3	60	57	c.o	-		
FRANCE.	Dungeness ...	30.01	61	SSW	7	o	30.12	+05	61	59	0	SW	4	o	4	64	59	c.o	12.2		
	Wick ...	29.57	50	W	1	o	29.74	+09	52	50	0	W	1	c	1	58	44	-	0.15		
	Nairn ...	29.57	58	W	1	o	29.76	+09	53	50	+1	SW	1	c	1	60	47	-	0.05		
	Aberdeen ...	29.59	59	SW	1	c	29.83	+12	55	51	+2	SSW	1	o	2	59	48	c.op.c	0.6		
	Leith ...	29.65	59	WSW	4	c	29.86	+12	56	54	+2	SW	2	p	2	62	51	-	0.02		
	North Shields ...	29.71	63	SW	4	c	29.90	+08	61	56	+9	WSW	3	c	2	67	50	r.c.bc	0.03		
	Spurn Head ...	29.80	65	W	6	c	29.98	+06	61	59	+6	W	3	cg	2	66	55	cg	-		
	Yarmouth ...	29.87	72	WSW	5	bc	30.01	+03	65	60	+8	WNW	4	cm	3	72	56	c.bc	0.02		
SPAN. PEN.	Clacton-on-Sea ...	29.95	71	WSW	5	bc	30.09	+06	68	62	+9	W	4	bc	3	74	58	c.bc	6.2		
	Nottingham ...	29.89	66	W	3	om	30.01	+06	65	61	+8	W	3	om		71	57	c.om	2.3		
	Bath ...	30.05	62	SW	5	c	30.11	+05	62	60	0	W	1	o		68	59	-	6.1		
	Oxford ...	30.03	62	WSW	4	o	30.10	+07	64	61	+4	WSW	3	b		69	59	cg.o	-		
	London(St.James' Park)	29.98	71	WSW	5	bc	30.09	+04	66	61	+6	WSW	3	bc		72	59	c.bc.b	9.3		
	The Scaw (Skagen)	29.65	56	WNW	7	c	29.62	+05	54	53	-1	WSW	2	c	1	61	50		0.04		
	Fanö ...	29.82	55	SW	4	o	29.75	-04	59	56	+3	W	6	c		61	52		0.12		
	Cuxhaven ...	29.92	59	W	5	o	29.87	-01	60	59	+1	W	6	org		61	55		0.16		
SPAN. PEN.	The Helder ...	29.89	61	SW	4	o	30.01	+01	61	59	+2	W	3	c	3	63	59		-		
	Brussels ...	*	*	*	*	*	30.13	+03	61	59	+1	WSW	2	o	*	71	59		-		
	Berlin ...	29.97	64	W	3	o	29.91	+02	64	59	+4	W	4	o	*	70	60		-		
	Frankfurt ...	30.07	68	SW	3	o	30.11	+09	64	59	-1	SW	3	o	*	77	59		-		
	Munich ...	30.13	63	W	1	b	30.16	+07	65	60	0	W	4	b	*	70	55		-		
	C. Gris Nez ...	30.08	58	WSW	6	f	30.15	+05	59	59	0	WSW	4	o	4	63	55		0.04		
	Brest ...	30.23	62	W	3	o	30.17	-06	56	56	-3	Z	0	m	2	66	55		-		
	Lorient ...	30.20	64	NW	4	b	30.15	-10	57	56	-9	Z	0	o	1	68	52		-		
SPAN. PEN.	Rochefort ...	30.25	66	NW	3	b	30.20	-08	63	60	-1	E	1	b	*	72	61	bc.b	-		
	Biarritz ...	30.26	70	N	3	b	30.15	-19	63	63	-3	E	3	m	3	75	59		-		
	Paris ...	30.15	74	W	2	b	30.21	+02	61	59	-2	NNE	2	o	*	78	54		-		
	Belfort...	30.11	70	W	7	bc	30.17	+01	65	58	+6	WSW	2	m	*	75	53		-		
	Lyons ...	30.15	75	NNW	4	b	30.19	-04	68	59	+4	N	1	b	*	81	59		-		
	Nice ...	30.05	62	SW	2	b	30.10	+06	71	62	+2	Z	0	bc	0	81	63		-		
	Perpignan ...	30.13	79	NW	3	b	30.14	-06	71	63	+3	Z	0	bc	*	85	63		-		
	Corunna ...	29.92	86	NW	5	b	29.96	-09	76	65	-6	SSE	2	b	*	95	68		-		
SPAN. PEN.	Lisbon ...	29.92	86	NW	5	b	29.96	-09	76	65	-6	SSE	2	b	*	95	68		-		
	Azores (P. Delgada)...	30.32	66	NW	2	b	30.24	-14	67	63	+1	WNW	1	c	1	75	61		-		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +.03 in., but for Sumburgh Head +.04 in.; for stations South of Malin Head and North Shields +.02 in., but for Scilly and Jersey +.01 in.

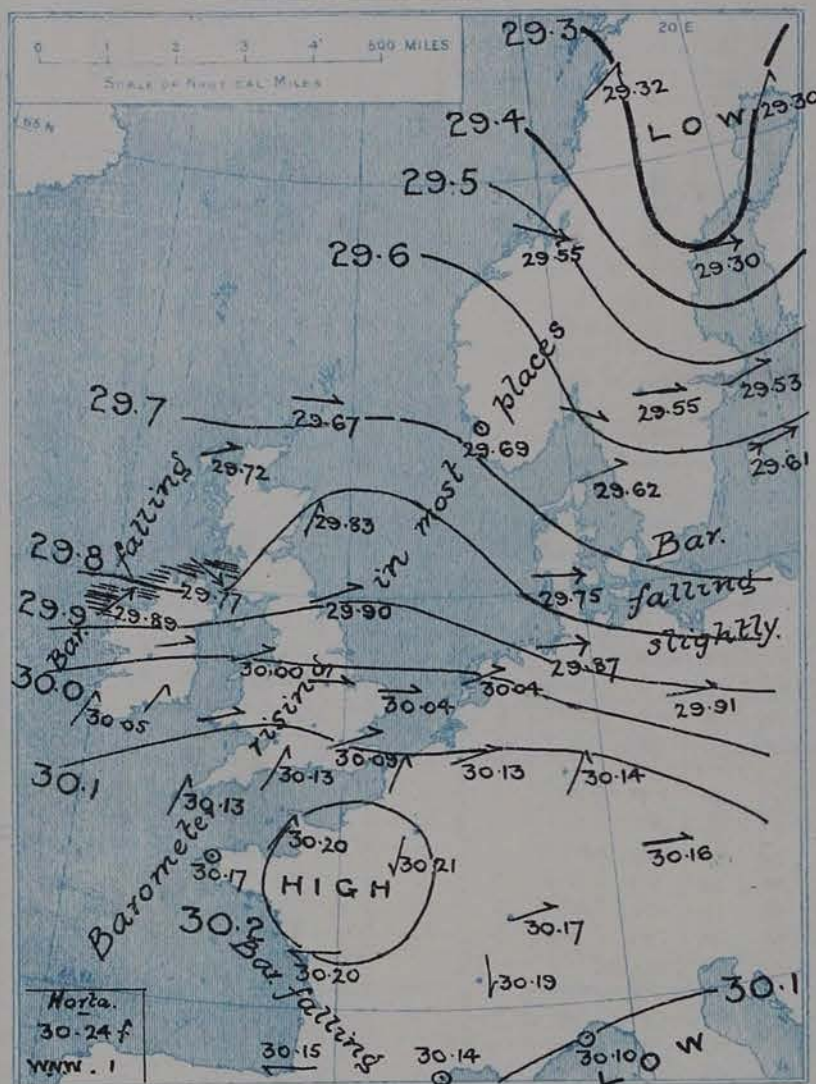
(b) The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

\* Observations for this column not generally received.

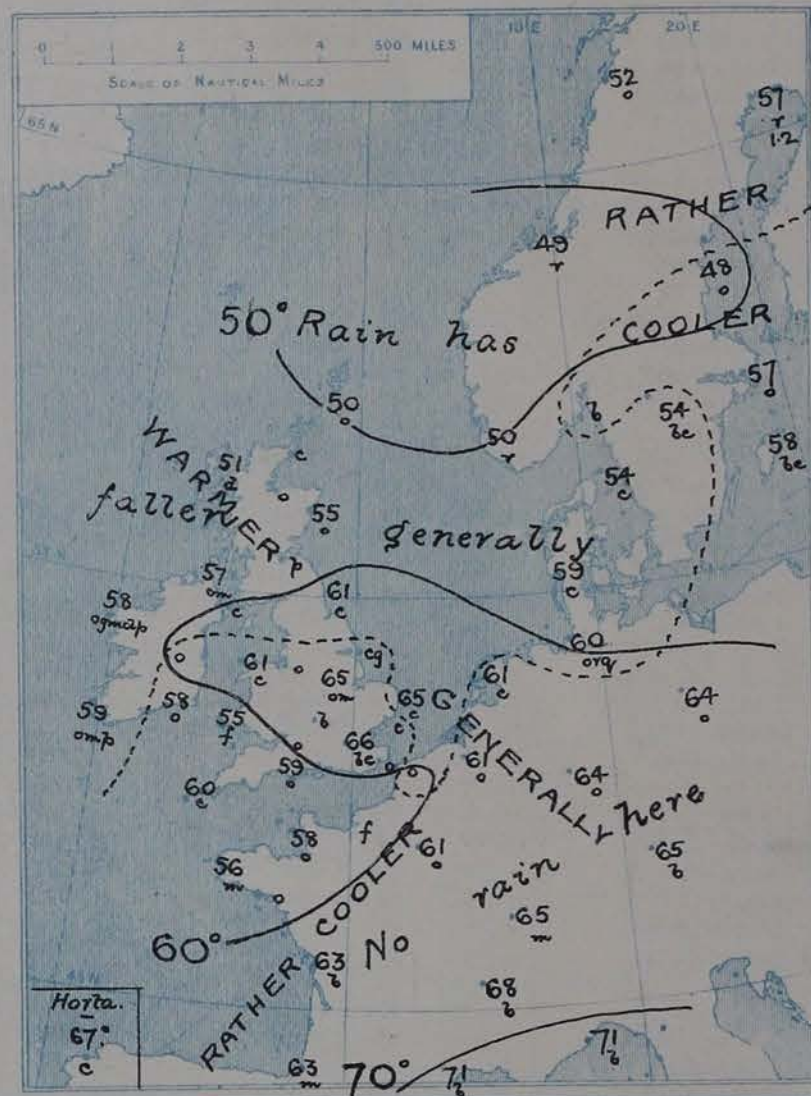
† Observations received too late for insertion in Charts on next page.



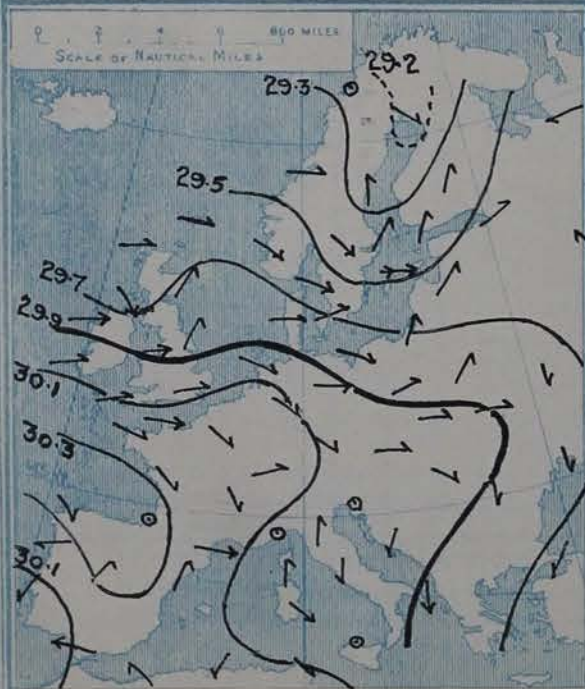
Tuesday, 17<sup>TH</sup> JULY, 1906.

SEA.—*Rough*  *High* 

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



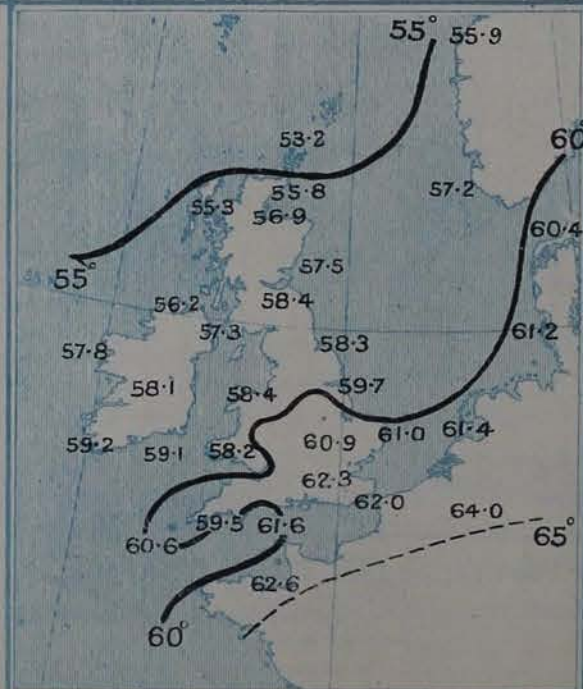
*Yesterday morning.*



in various districts of the United Kingdom  
during the week ended Saturday 14<sup>th</sup> July.



(Derived chiefly from Observations  
extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The anticyclone recently noticed over the southern part of our area appears to be moving N.E.<sup>ws</sup>. Its central area, with readings above 30.2 ins., is now lying over the north of France, and in the southwest of the country the barometer is falling rather decidedly. The lowest pressures, 29.3 ins. and less, are still found over the north of Scandinavia. A slight rise of the barometer is in progress over northwestern Europe as a whole, but in the west of Ireland the mercury is again falling.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

Owing to the change in the position of the anticyclone, a light E.<sup>s</sup> breeze has set in along the southwest coasts of France, but in all other parts of our area the wind continues to blow from the W.<sup>ws</sup> or S.W.<sup>ws</sup>. On the northwest coast of Ireland and at many of the Scandinavian and Danish stations it is strong in force, with a gale at Wisby. Round the mouth of the St. George's Channel, where the atmosphere is foggy, the thermometer has fallen and continues rather low. In other parts of our Islands a general rise has occurred, and at many stations in Eastern and Central England the thermometer stands at or slightly above 65°, the highest reading reported being 68° at Blacton-on-Sea. In the north and west of France and in Scandinavia the thermometer has fallen, and at Hernösand and Christiansund it is below 50°. The weather is fine in the east and southeast of England, and also in the southern parts of France and Germany. Elsewhere much cloud prevails, with showers in the west of Ireland, and steady rain on the west coasts of Norway, as well as at Buxhaven. The sea is rather rough off the north coasts of Ireland, but moderate or slight elsewhere.

During yesterday the thermometer rose to 70° and upwards at many places in the south and east of England, and to 75° at Lowestoft; on our extreme north and northwest coasts it did not reach 60°. The amount of bright sunshine was large at the Channel stations, but very small at all places in the west and north. Rain fell generally in the northern parts of these Islands and the Continent, and showers were experienced, quite locally, at some of the more northern stations.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the south will probably continue to move or to spread N.E.<sup>ws</sup>, and fair weather is likely to prevail in all but our extreme western and northern districts, where the conditions will be affected by depressions moving over the upper part of the Atlantic. A further increase in temperature is probable over England.

## FORECASTS\*

For the 24 hours ending at NOON on 18<sup>th</sup> July, 1906.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	{ W. <sup>s</sup> to S.W. <sup>s</sup> winds, freshening; dull, unsettled, some rain.
1	{ SCOTLAND EAST	{ S.W. <sup>s</sup> winds, light; fair generally.
2	{ ENGLAND N.E.	{ Warmer.
3	{ ENGLAND EAST	{ W. <sup>s</sup> to S.W. <sup>s</sup> winds, light; fair,
4	{ MIDLAND COUNTIES	{ warm.
5	{ ENGLAND SOUTH	{ Light S.W. <sup>s</sup> to variable breezes; fair, warm. Rather close.

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	{ S.W. <sup>s</sup> winds, freshening; cloudy, showery.
7	{ ENGLAND N.W.	Same as nos 1 & 2.
8	{ ENGLAND S.W.	{ Light variable airs; fair generally, but some fog on coasts.
9	{ IRELAND NORTH	Same as No. 6.
10	{ IRELAND SOUTH	{ S.W. <sup>s</sup> to S. <sup>s</sup> winds, light; cloudy, local showers.

### WARNINGS

NONE ISSUED.

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

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

11.30 a.m.



## DAILY WEATHER REPORT.

17<sup>th</sup> JULY, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	59	48	*	0.0	0.06	†Brighton ...	65	50	*	8.8	-
Blackpool, to 9 p.m. ...	61	52	t, o, c, o	0.0	0.17	†Eastbourne, to 6 p.m. ...	63	53	omd, bc, omp	8.7	-
Southport, to 9 p.m. ...	62	52	o, or, odq	0.0	0.11	Bexhill-on-Sea,	64	52	?	10.5	-
†Rhyl, to 6 p.m. ...	68	53	t, b, bc, o	1.5	0.04	†Hastings ...	*	*	*	11.2	*
Llandudno, to 9 p.m. ...				0.1		†Folkestone, to 6 p.m. ...	65	50	b	11.4	-
Bettws-y-Coed, to 6 p.m. ...	63	53	cp, c	0.0	0.03	Broadstairs, to 6 p.m. ...	*	*	*	9.4	*
Towyn, to 6 p.m. ...	65	56	?	1.6	0.09	Margate, to 6 p.m. ...	74	50	b	8.3	-
Aberystwyth, to 6 p.m. ...	63	56	o, c	4.0	-	Lowestoft, to 6 p.m. ...	75	48	c, o, c	4.6	-
Plymouth, to 9 p.m. ...	66	55	o, bc, o	3.2	-	†Skegness ...	70	45	c, bc	1.5	-
Torquay, to 6 p.m. ...	70	54	*	8.0	-	Scarborough, to 6 p.m. ...	65	47	*	0.5	0.06
†Bournemouth, to 6 p.m. ...	70	52	*	10.3	-	†Harrogate, to 6 p.m. ...	62	47	c, cp, o	0.6	0.14
Bognor, to 6 p.m. ...	*	*	b	11.7	*	Darwen, to 9 p.m. ...					
†Worthing ...	65	49	o, b, c, o	10.3	-	Manchester, to 9 p.m. ...	63	50	o, t, o	0.0	0.31
						Birmingham, to 9 p.m. ...	69	49	c, o	2.4	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

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

STATIONS. 16 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 16 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	64	57	o, bc	0.20	Rome ...	77	60	b, b	-
Aix-la-Chapelle ...	72	57	o, c	0.08	Naples ...	75	63	o, b	-
Copenhagen ...	72	55	o, o	0.04	Malta ...	not received			
Oxö (Christiansand) ...	61	52	bc, bc	0.32	Geneva ...	17 <sup>th</sup> m. Observations not received			
St. Petersburg ...	82	52	o, o	0.57	Berne ...				
Vienna ...	70	61	b, b	0.12	Lucerne ...				
Buda-Pesth ...	68	55	c, c	0.12	Coire ...				
Hermanstadt ...	73	61	o, f	-	St. Gotthard ...				
Trieste ...	73	63	b, b	-	Lugano ...				
Florence ...	84	57	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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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.

17 <sup>th</sup> July, 1906.	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

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Wednesday,

Meteorological Office, London.

18<sup>th</sup> July,

1906.

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.	Rainfall.	
		At 32° Fahr. 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...	29.32	57	SW	2	bc	29.32	+02	58	53	+1	Z	0	o	*	68	54	*	*	0.04	
	Hernösand...	29.45	52	WSW	6	o	29.55	+25	55	47	+7	NW	6	b	*	55	45	*	*	-	
	Stockholm...	29.65	59	W	2	bc	29.72	+19	61	52	+4	WNW	2	o	*	63	52	*	*	0.04	
	Wisby...	29.73	60	WNW	4	b	29.82	+21	58	53	0	WNW	8	c	*	61	54	*	*	-	
	Karlstad...	29.69	61	WSW	4	b	29.75	+20	53	51	-1	WSW	2	o	*	*	*	*	*	0.04	
	Færder (X'ania Fjord)	29.68	64	WNW	4	b	29.74	+15	52	51	-4	WNW	1	r	3	64	52	*	*	0.35	
	Bodö...	29.50	50	SW	4	o	29.51	+19	50	49	-2	SW	4	r	2	52	50	*	*	0.55	
	Christiansund...	29.71	52	W	2	c	29.69	+14	52	48	+3	ESE	2	b	3	54	48	*	*	0.04	
Skudesnaes...	29.84	53	SW	6	r	29.67	-02	57	57	+7	WSW	4	m	4	57	48	b, r	*	0.39		
BRITISH ISLANDS.	Sumburgh Head	29.65	50	SW	2	o	29.55	-12	51	50	+1	NNE	3	o	4	54	47	o	*	0.19	
	Stornoway...	29.55	56	WSW	4	o	29.52	-20	50	50	-1	Z	0	r	0	57	49	r, od	0.0	1.03	
	Malin Head...	29.72	60	W	6	ogm	29.57	-20	59	57	+2	W	5	o	4	62	55	bc, og	*	0.03	
	Blacksod Pt. ...	29.82	60	SW	6	cdp	29.61	-28	60	59	+2	SSW	7	rgm	6	61	58	odp	*	0.05	
	Valencia...	29.97	61	SSW	4	om	29.80	-25	61	60	+2	S	4	ogm	4	64	58	o, om	0.5	0.05	
	Roche's Point...	30.00	61	SW	4	c	29.90	-17	57	57	-1	SW	3	f	3	65	56	o, c	*	0.02	
	Birr Castle...	29.93	64	SW	3	p	29.79	-21	63	61	+2	SW	4	o	*	67	52	cp	1.3	0.02	
	Donaghadee...	29.85	67	WSW	3	c	29.75	-15	60	58	-1	WSW	3	c	2	68	58	bc, m	*	-	
	Liverpool Obsy...	29.97	62	SW	3	c	29.90	-10	65	60	+3	SSW	3	bc	2	69	57	bc, c	*	-	
	Holyhead...	29.95	59	SSW	5	cm	29.87	-13	57	56	-4	SW	5	f	3	64	54	c, cm, f	*	-	
	Pembroke (St. Ann's Hd.)	30.04	58	SW	2	c	29.95	-13	58	56	+3	SW	4	og	3	60	55	f, c, f, o	0.7	-	
	Scilly (St. Mary's)...	30.08	61	SSW	2	c	29.99	-14	59	57	-1	SSW	1	om	1	63	57	cf, c, o	6.5	0.01	
	Jersey (St. Aubins)...	30.09	64	ESE	3	b	29.98	-22	65	63	+2	ESE	2	c	2	67	57	bm, cm	10.2	-	
	Portland Bill...	30.07	56	SSW	2	f	29.99	-14	57	55	-2	N	1	f	1	61	54	om, f	*	-	
	Dungeness...	30.09	61	SW	3	b	29.99	-13	61	58	0	Z	0	b	0	65	53	bc, b, f	8.7	-	
	Wick...	29.55	54	W	1	r	29.51	-23	52	52	0	NNW	1	r	1	57	49	-	*	0.28	
	Nairn...	29.60	59	WSW	3	o	29.54	-22	59	58	+6	WSW	1	o	1	63	52	-	*	0.86	
Aberdeen...	29.65	65	SW	4	c	29.59	-24	61	58	+6	SSW	3	o	2	66	53	op, c, o	1.1	0.02		
Leith...	29.76	66	WSW	5	c	29.68	-18	67	61	+11	WSW	4	bc	*	68	55	-	*	0.06		
North Shields...	29.85	68	SW	4	c	29.79	-11	65	60	+4	SW	4	c	2	70	56	c	*	-		
Spurn Head...	29.92	73	WSW	3	b	29.89	-09	65	60	+4	WSW	4	b	2	74	57	bc, b	*	-		
GERMANY, &c.	Yarmouth...	29.99	74	SSW	4	b	29.95	-06	66	61	+1	W	3	b	2	76	59	bc, b	*	-	
	Clacton-on-Sea...	30.04	67	S	4	b	30.00	-09	62	60	-6	WSW	1	m	0	73	56	bc, b, f	13.6	-	
	Nottingham...	29.96	73	W	3	b	29.92	-09	66	61	+1	WSW	2	b	*	77	54	bc, b	10.0	-	
	Bath...	30.04	72	SW	2	bc	30.00	-11	63	59	+1	SW	1	c	*	74	59	-	5.4	-	
	Oxford...	30.03	67	SSW	2	o	29.99	-11	60	58	-4	WSW	1	o	*	74	59	bc, o	*	-	
	London (St. James' Park)	30.04	72	SW	3	b	29.99	-10	60	58	-6	Z	0	o	*	77	56	b, bc, o	13.0	-	
	The Scaw (Skagen)...	29.83	56	WNW	6	bc	29.81	+19	62	59	+8	W	6	o	2	63	54	*	*	-	
FRANCE.	Fanö...	30.03	57	SW	4	o	29.95	+20	62	60	+3	SW	6	o	*	63	57	*	*	-	
	Cuxhaven...	30.04	61	W	5	c	30.03	+16	62	61	+2	S	4	o	*	63	55	*	*	-	
	The Helder...	30.07	64	SW	2	b	30.00	-01	65	62	+4	SW	2	b	2	66	57	*	*	-	
	Brussels...	*	*	*	*	*	30.05	-08	67	63	+6	SW	1	b	*	75	57	*	*	-	
	Berlin...	30.06	65	W	2	b	30.15	+24	63	58	-1	SW	1	b	*	72	54	*	*	0.04	
	Frankfurt...	30.15	67	NE	1	b	30.12	+01	65	59	+1	NE	1	b	*	75	57	*	*	-	
	Munich...	30.14	68	NNW	2	b	30.13	-03	66	62	+1	NE	4	b	*	75	54	*	*	-	
	C. Gris Nez...	30.14	63	SW	2	b	30.00	-15	65	63	+6	S	2	bc	2	65	55	*	*	-	
	Brest...	30.08	62	NW	3	m	29.97	-20	58	57	+2	NE	3	b	2	66	54	*	*	-	
	Lorient...	30.02	70	NW	1	b	29.97	-18	61	59	+4	Z	0	b	0	73	57	*	*	-	
SPAN. PEN.	Rochefort...	30.02	73	NW	2	b	29.96	-24	69	64	+6	SE	2	b	*	81	63	b	*	-	
	Biarritz...	29.96	89	ENE	4	b	29.96	-19	84	80	+21	SSW	1	b	2	91	763	*	*	-	
	Paris...	30.11	76	E	2	b	30.02	-19	70	65	+9	Z	0	b	*	78	58	*	*	-	
	Belfort...	30.04	82	W	2	b	30.06	-11	71	63	+6	E	3	m	*	85	58	*	*	-	
	Lyons...	30.06	84	NW	1	b	30.08	-11	71	62	+3	E	1	b	*	88	62	*	*	-	
Nice...	30.10	74	N	4	b	30.12	+02	74	63	+3	Z	0	b	0	81	64	*	*	-		
Perpignan...	30.07	78	SE	2	b	30.13	-01	66	65	-5	N	2	o	*	83	61	*	*	-		
Corunna...	29.98	68	NW	3	b	30.04	+08	71	63	-5	W	2	b	*	82	61	*	*	-		
Azores (P. Delgada)...	30.17	69	NNE	4	b	30.19	-05	69	65	+2	Z	0	b	1	73	66	*	*	0.24		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) 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, 18<sup>th</sup> JULY, 1906.

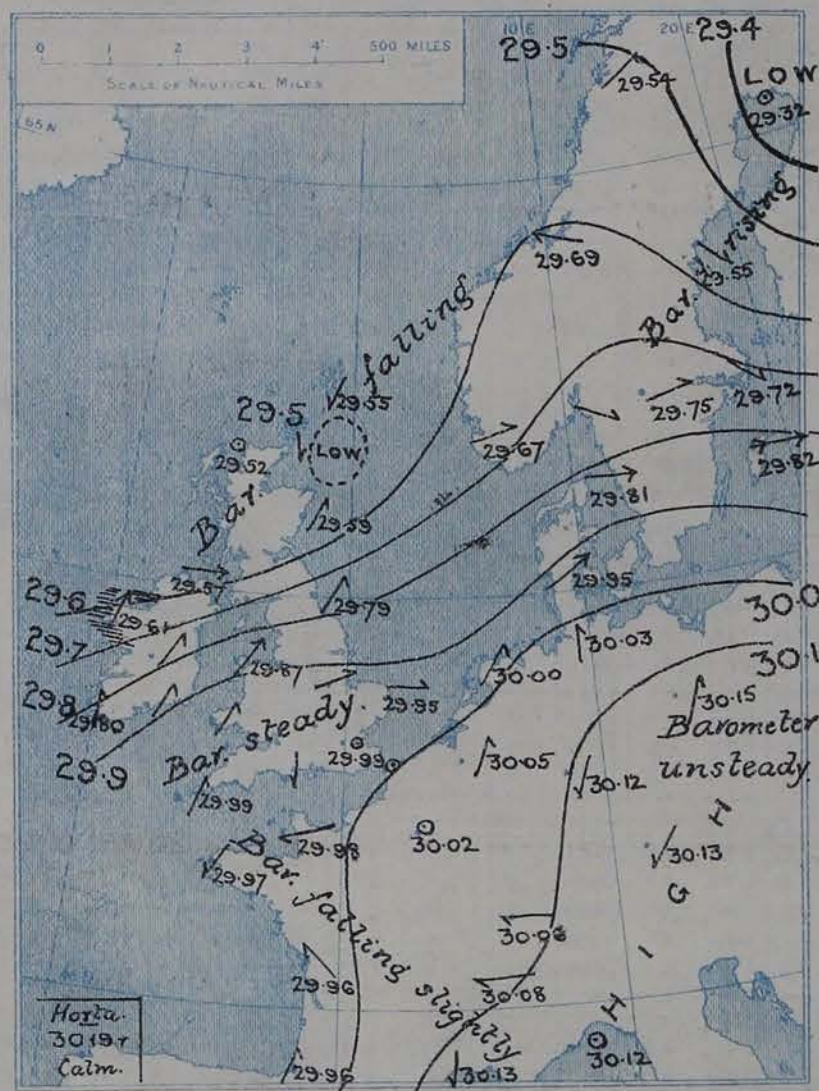
## I. BAROMETER, WIND AND SEA. This Morning.

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 

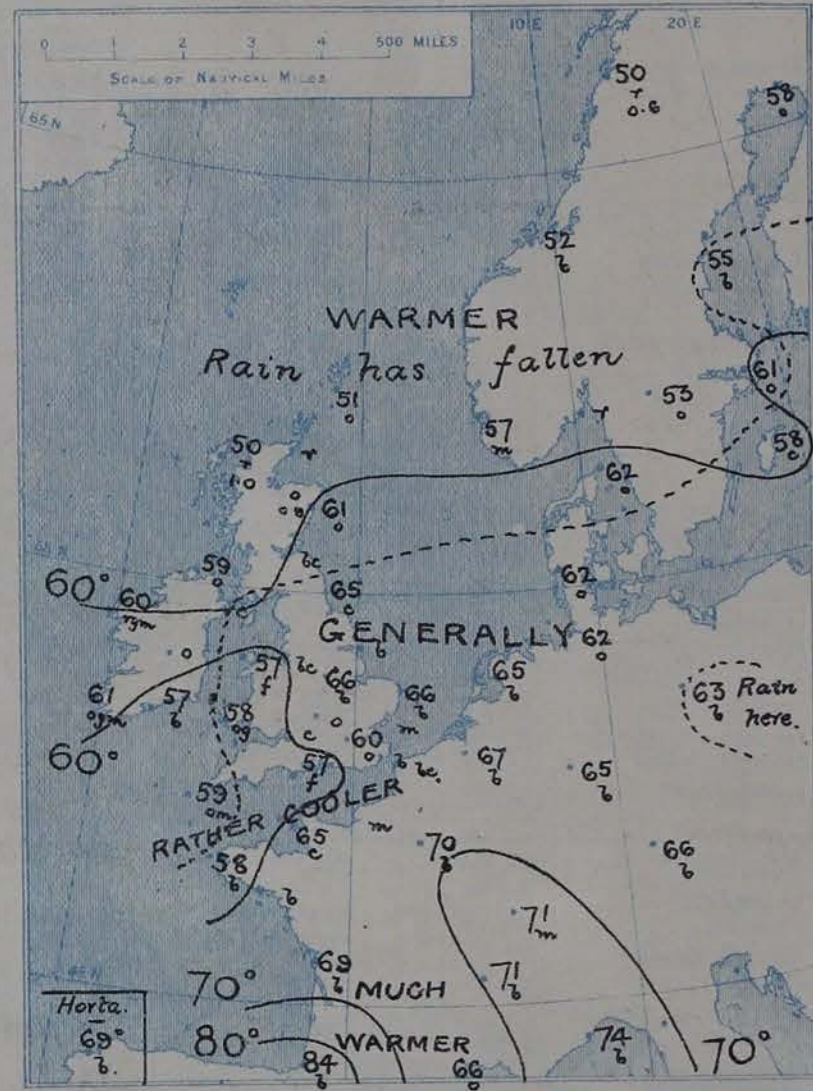


## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

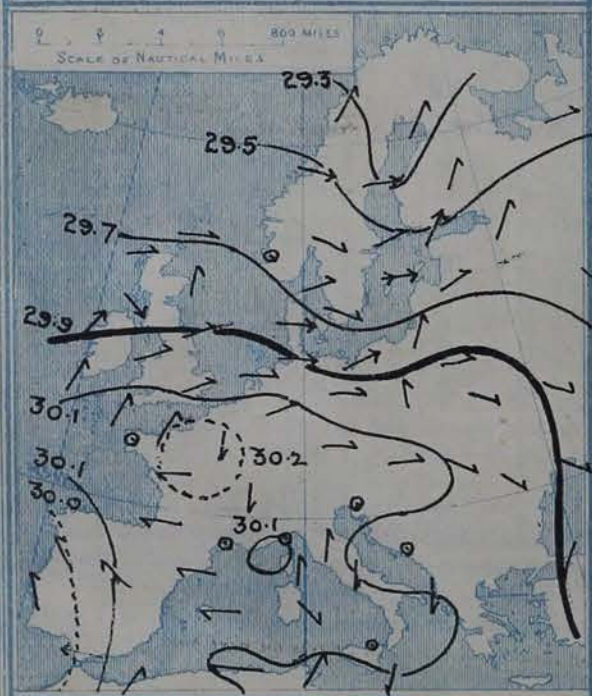
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

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, 14<sup>th</sup> July with the percentage of the average amount for the corresponding week.

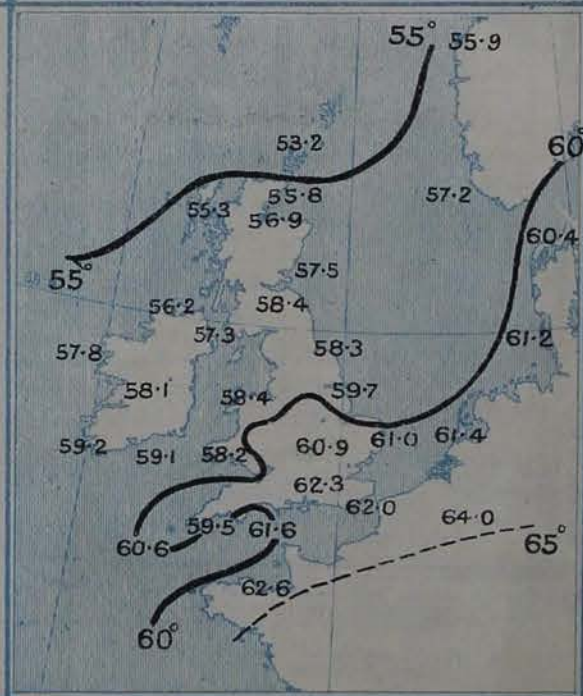


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The southern anticyclone is moving E.<sup>W</sup>, and the barometer is now highest, 30.1 ins. and upwards, over Germany and the central and southern parts of France. The lowest pressures, 29.4 ins. and less, are reported over Lapland, but a small depression, with readings as low as 29.5 ins., is situated off the northeast of Scotland, and other disturbances are apparently approaching our extreme western coasts. Over England the barometer is almost stationary, and in Scandinavia it is rising, but in other parts of Western Europe a gradual fall is in progress.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is S.W.<sup>S</sup> over the greater part of these Islands and the North Sea, and blows strongly on the northwest coasts of Ireland, and also in Denmark. In Caithness and the Shetlands a faint N.<sup>S</sup> current prevails round the western side of the small depression in that neighbourhood. A light S.<sup>S</sup> breeze in the west of France, and an E.<sup>S</sup> breeze in the north of that country appear to indicate the existence of a shallow low pressure system over the Bay of Biscay. Temperature has fallen at most of our own southern stations, but has risen elsewhere. Over the south of Scotland and the north and east of England the thermometer now stands at or slightly above 65°, and is considerably above the average; on the north coasts of Scotland the readings range between 50° and 52°. At Paris a temperature of 70° is reported, while at Biarritz the thermometer is as high as 84°. Over England, France, Germany and the Netherlands the weather is influenced by the Continental anticyclone, and is generally fine. In the western and northern parts of our area it is affected by the low pressure systems noticed above; rain is falling on our own extreme north and northwest coasts, and also at Bodø and Faerder. The sea is slight or smooth generally, but rough at Blacksod Point.

During yesterday the thermometer rose to between 70° and 75° in many parts of England, and to 77° in London and at Nottingham. Over Central and Southeastern England and in the Scilly and Channel Islands the amount of bright sunshine was large, but in other districts it was much smaller. Rain has fallen over nearly the whole of Ireland, Scotland and Scandinavia. In the west and north of Scotland the amount has been large, 1.03 in. being measured at Stornoway at 8 am. to-day, and as much as 3.29 ins. at Fort William at 9 am.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fresh cyclonic disturbances are approaching these Islands from the Atlantic, so that in our western and northern districts the weather is likely to continue unsettled, with some rain, and increasing winds from the S.W.<sup>W</sup>. Over the greater part of England the weather will remain for the present under the influence of the Continental anticyclone.

## FORECASTS\*

For the 24 hours ending at NOON on 19<sup>th</sup> July, 1906.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	{ Variable breezes, finally S.W. <sup>S</sup> ; dull, unsettled, rain at times.
1	{ SCOTLAND EAST	{ S.W. <sup>S</sup> winds, light to fresh; dull, unsettled, some rain.
2	{ ENGLAND N.E.	{ S.W. <sup>S</sup> winds, moderate; fair at first, showery later.
3	{ ENGLAND EAST	{ Variable or light S.W. <sup>S</sup> airs; fair, warm.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	{ S.W. <sup>S</sup> winds, freshening; fair at first, some rain later.
7	{ ENGLAND N.W.	{ S. <sup>S</sup> and S.W. <sup>S</sup> winds, moderate; dull, slight rain locally, some mist or fog on coasts.
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	{ S. <sup>S</sup> and S.W. <sup>S</sup> winds, strong in places; dull, unsettled, some rain.
10	{ IRELAND SOUTH	

### WARNINGS

NONE ISSUED.

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

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



## DAILY WEATHER REPORT.

18<sup>TH</sup> JULY, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	60	50	*	0 0	0.35	† Brighton ...	64	60	*	2 0	—
Blackpool, to 9 p.m. ...	64	57	†, o, c, cu	1 2	0.24	† Eastbourne, to 6 p.m. ...	65	57	bcm, bc, bcm	7.3	—
Southport, to 9 p.m. ...	67	58	o, b, o, c	2.5	0.01	Bexhill-on-Sea, ...	64	59	b	7.5	—
† Rhyl, to 6 p.m. ...	67	60	o, bc	5.7	—	Hastings ...	*	*	*	4.3	*
Llandudno, to 9 p.m. ...	68	58	bcp	6 0	—	† Folkestone, to 6 p.m. ...	65	58	o, b	8.4	—
Bettws-y-Coed, to 6 p.m. ...	68	58	c, bc	4 0	0.02	Broadstairs, to 6 p.m. ...	*	*	*	11.7	*
Towyn, to 6 p.m. ...	63	57	?	0 0	—	† Margate, to 6 p.m. ...	74	59	b	12.5	—
Aberystwyth, to 6 p.m. ...	61	57	o, c	0 0	—	Lowestoft, to 6 p.m. ...	73	60	c, o, c, b	8.6	—
Plymouth, to 9 p.m. ...	61	57	omg	0 1	—	† Skegness ...	75	61	c, bc	9.0	—
Torquay, to 6 p.m. ...	70	58	*	5.3	—	Scarborough, to 6 p.m. ...	72	55	*	7.7	—
† Bournemouth, to 6 p.m. ...	67	58	*	0.9	—	† Harrogate, to 6 p.m. ...	70	54	c, cp, b, c	7.5	0.03
Bognor, to 6 p.m. ...	*	*	b, o	7.7	*	Darwen, to 9 p.m. ...	65	55	o, q, o, c	2.6	0.22
† Worthing ...	66	58	c, b, om	8.1	—	Manchester, to 9 p.m. ...	72	61	†, bc, b, bc	3.1	0.02
						Birmingham, to 9 p.m. ...	74	58	c, b	7.4	—

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

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

STATIONS. 17 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 17 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	64	61	b, c	—	Rome ...	84	61	b, b	—
Aix-la-Chapelle ...	68	57	b, o	—	Naples ...	78	66	b, b	—
Copenhagen ...	64	54	bc, o	0.12	Malta ...	80	70	b	—
Oxö (Christiansand) ...	59	50	bc, o	—	Geneva 16 <sup>th</sup> July, 1906 1 p.m.	75	*	b	Measured 7 a.m.
St. Petersburg ...	75	59	†, bc	0.08	Berne ...	73	*	bc	—
Vienna ...	73	61	b, o	0.16	Lucerne ...	73	*	bc	—
Buda-Pesth ...	79	61	bc, b	—	Coire ...	70	*	b	—
Hermanstadt ...	72	54	o, b	—	St. Gotthard ...	50	*	b	—
Trieste ...	75	63	b, bc	—	Lugano ...	81	*	b	—
Florence ...	86	60	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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. (,, ,)	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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 <sup>th</sup> July 1906.	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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FORECASTS OF WEATHER for one day in advance are drawn up 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Thursday,

Meteorological Office, London.

19<sup>th</sup> July,

1906.

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.	Rainfall.		
		At 32° Fahr. 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.					
		In.	°				In.	In.	°	°	°				°	°		Hours.	In.		
SCANDINAVIA.	Haparanda...	29.45	57	NW	2	c	29.76	+1.4	56	54	-2	NE	2	c	*	61	55	*	*	0.08	
	Hernösand ...	29.62	57	W	2	b	29.69	+1.4	58	42	+3	Z	0	b	*	63	48	*	*	-	
	Stockholm ...	29.71	58	SW	2	o	29.75	+0.3	63	60	+2	WSW	2	o	*	64	54	*	*	0.08	
	Wisby... ..	29.78	62	WSW	4	bc	29.80	-0.2	68	63	+10	W	2	bc	*	64	54	*	*	-	
	Karlstad ...	29.72	60	W	2	o	29.73	-0.2	59	57	+6	SW	4	o	*	*	*	*	*	0.24	
	Färder (X'ania Fjord)	29.69	61	SW	6	o	29.67	-0.7	60	59	+8	SW	7	m	3	61	52	*	*	-	
	Bodö ... ..	29.63	49	SW	4	r	29.63	+1.2	52	50	+2	SW	2	c	2	56	46	*	*	0.04	
	Christiansund ...	29.62	56	SE	3	bc	29.41	-2.8	60	54	+8	SE	3	o	3	61	52	*	*	-	
Skudesnaes ...	29.63	57	S	6	o	29.45	-2.2	57	55	0	S	8	r	5	57	46	r, o	*	0.20		
BRITISH ISLANDS.	Sunbrough Head	29.39	51	NE	4	r	28.88	-6.7	48	47	-3	S	4	r	5	55	47	o, r	*	0.48	
	Stornoway ...	29.26	57	SW	2	o	29.34	-1.8	49	46	-1	WNW	5	bc	5	58	47	otm, o	0.1	0.50	
	Malin Head ...	29.41	55	WSW	6	opm	29.61	+0.4	52	48	-7	WSW	6	cgp	5	62	47	o, opm	*	0.18	
	Blacksod Pt. ...	29.55	53	WSW	6	tm	29.82	+2.1	50	48	-10	WNW	4	bcgp	4	63	54	odp, tm	*	0.33	
	Valencia ... ..	29.71	59	SW	5	pm	29.94	+1.4	55	51	-6	W	4	c	4	63	54	opm	0.0	0.18	
	Roche's Point ...	29.76	60	WSW	4	o	29.92	+0.2	56	52	-1	WNW	3	c	1	60	52	tm, o	*	0.07	
	Birr Castle ...	29.63	62	SSW	4	o	29.86	+0.7	55	50	-8	WSW	3	o	*	67	47	cp, o	0.5	0.28	
	Donaghadee ...	29.55	60	SSW	5	o	29.68	-0.7	53	53	-7	W	4	bc	3	66	47	o, cp, bc	*	0.11	
	Liverpool Obsy...	29.75	64	SSW	3	o	29.77	-1.3	54	49	-11	W	4	c	4	71	52	bc, o	*	0.09	
	Holyhead ... ..	29.70	58	SW	7	oqmu	29.78	-0.9	57	52	0	WNW	6	b	4	59	51	oqmu, bc	*	0.09	
	Pembroke (St. Ann's Hd.)	29.83	58	SSW	6	c	29.88	-0.7	55	52	-3	WNW	5	c	5	60	53	o, c	0.3	0.10	
	Scilly (St. Mary's) ...	29.93	60	SW	3	c	29.95	-0.4	59	58	0	W	3	o	1	62	58	of, c	3.6	0.06	
	Jersey (St. Aubins) ...	29.92	72	WNW	3	b	29.99	+0.1	61	59	-4	SSW	4	o	3	76	56	b, c, d, f	10.8	0.01	
	Portland Bill ...	29.90	56	WSW	2	f	29.88	-1.1	56	55	-1	WNW	4	p	4	61	55	f, p	*	0.11	
	Dungeness ... ..	29.87	67	SSW	2	bc	29.85	-1.4	59	58	-2	SW	6	o	5	69	57	c, bc	12.1	-	
	Wick ... ..	29.27	54	W	1	o	29.18	-3.3	50	47	-2	W	5	c	5	59	45	-	*	0.14	
	Nairn ... ..	29.31	65	SW	1	c	29.31	-2.3	51	47	-8	W	4	o	2	69	48	-	*	0.17	
	Aberdeen ... ..	29.45	60	SSW	3	c	29.38	-2.1	57	50	-4	WSW	5	bc	2	65	51	op, bc	0.2	0.01	
Leith ... ..	29.63	64	SSW	5	c	29.49	-1.9	57	50	-10	WSW	6	bcgp	*	73	49	-	*	0.05		
North Shields ...	29.68	65	S	3	c	29.60	-1.9	56	51	-9	SW	3	c	2	69	50	c	*	-		
Spurn Head ... ..	29.75	70	SW	4	c	29.70	-1.9	56	52	-9	W	5	o	3	75	56	bc, c, q, p	*	-		
GERMANY, &c.	Yarmouth ... ..	29.83	69	S	4	b	29.73	-2.2	63	59	-3	WSW	4	c	3	70	61	bm, b	*	-	
	Clacton-on-Sea ...	29.85	67	ESE	2	bc	29.81	-1.9	62	60	0	SW	5	o	4	70	60	bc, og	10.1	-	
	Nottingham ... ..	29.79	72	SW	1	c	29.77	-1.5	55	51	-11	W	2	om	*	77	54	-	10.1	0.06	
	Bath ... ..	29.87	75	SW	3	b	29.86	-1.4	57	54	-6	W	1	o	*	77	54	-	9.4	0.07	
	Oxford ... ..	29.83	69	W	2	bc	29.86	-1.3	55	54	-5	WSW	2	o	*	79	54	o, bc, or	*	0.05	
	London (St. James' Park)	29.84	78	WSW	1	b	29.82	-1.7	61	60	+1	SW	4	od	*	80	59	b, c, b, or	10.6	0.10	
	The Scaw (Skagenf.)	29.80	60	W	2	bc	29.73	-0.8	58	57	-4	SSW	2	f	1	66	55	*	*	-	
	Fanö ... ..	29.88	59	SW	2	b	29.72	-2.3	65	63	+3	SE	4	bc	*	66	55	*	*	-	
Cuxhaven ... ..	29.94	70	N	2	b	29.77	-2.6	68	66	+6	S	4	b	*	75	59	*	*	-		
FRANCE.	The Helder ... ..	29.88	71	SW	1	bc	29.77	-2.3	65	62	0	SW	2	bc	1	73	63	*	*	-	
	Brusseis' ... ..	*	*	*	*	*	29.88	-1.7	68	63	+1	WSW	2	b	*	85	63	*	*	-	
	Berlin ... ..	29.97	75	Z	2	b	29.85	-3.0	67	64	+4	W	1	b	*	84	63	*	*	0.08	
	Frankfurt ... ..	29.92	77	S	1	b	29.93	-1.9	72	65	+7	SW	3	b	*	90	64	*	*	-	
	Munich ... ..	30.05	64	SW	2	bc	30.02	-1.1	71	62	+5	SW	5	bc	*	79	63	*	*	0.04	
	C. Gris Nez ... ..	29.93	72	Z	0	b	29.92	-0.8	58	57	-7	WSW	6	o	5	77	55	*	*	-	
	Brest ... ..	29.99	58	NW	4	m	29.98	+0.1	60	60	+2	SW	5	r	4	70	55	*	*	0.04	
	Lorient ... ..	29.90	64	WNW	3	m	30.05	+0.8	59	59	-2	W	3	o	1	77	57	*	*	-	
	Rochefort ... ..	29.96	76	WSW	1	b	30.10	+1.4	64	61	-5	WNW	2	o	*	90	64	c, b	*	-	
	Biarritz ... ..	30.07	70	WSW	4	o	30.13	+1.7	68	67	-16	N	1	o	1	93	66	*	*	-	
SPAN. PEN.	Paris ... ..	29.91	84	WSW	2	o	29.99	-0.3	68	62	-2	W	1	b	*	92	61	*	*	-	
	Belfort... ..	29.90	85	W	3	b	30.01	-0.5	72	61	+1	WSW	2	m	*	89	64	*	*	-	
	Lyons ... ..	29.99	84	S	3	bc	30.12	+0.4	72	58	+1	SE	1	b	*	90	63	bc, bc	*	-	
	Nice ... ..	30.09	75	W	2	b	30.08	-0.4	74	64	0	Z	0	b	0	84	64	*	*	-	
	Perpignan ... ..	29.73	68	E	2	o	30.13	0.0	68	66	+2	N	1	o	*	74	65	*	*	-	
SPAN. PEN.	Corunna ... ..	30.06	66	NNW	4	b	30.07	+0.3	68	62	-3	N	4	bc	*	79	61	*	*	-	
	Lisbon ... ..	30.25	68	E	1	c	30.26	+1.2	69	66	+1	Z	0	c	3	73	66	*	*	-	
	Azores (P. Delgada)...	30.26	69	Z	0	bc	30.25	+0.6	69	67	0	SW	1	bc	0	75	68	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +.03 in., but for Sunbrough Head +.04 in.; for stations South of Malin Head and North Shields +.02 in., but for Scilly and Jersey +.01 in.

(b) 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

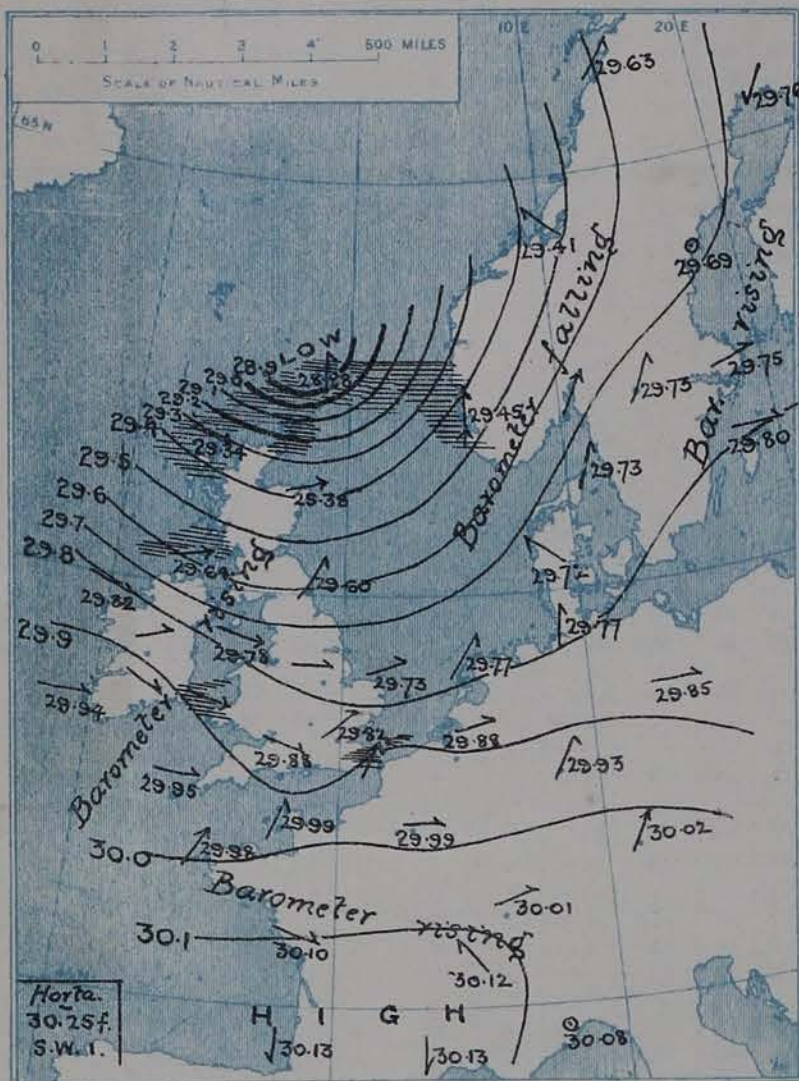
FOR Thursday, 19<sup>th</sup> JULY, 1906.

## 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

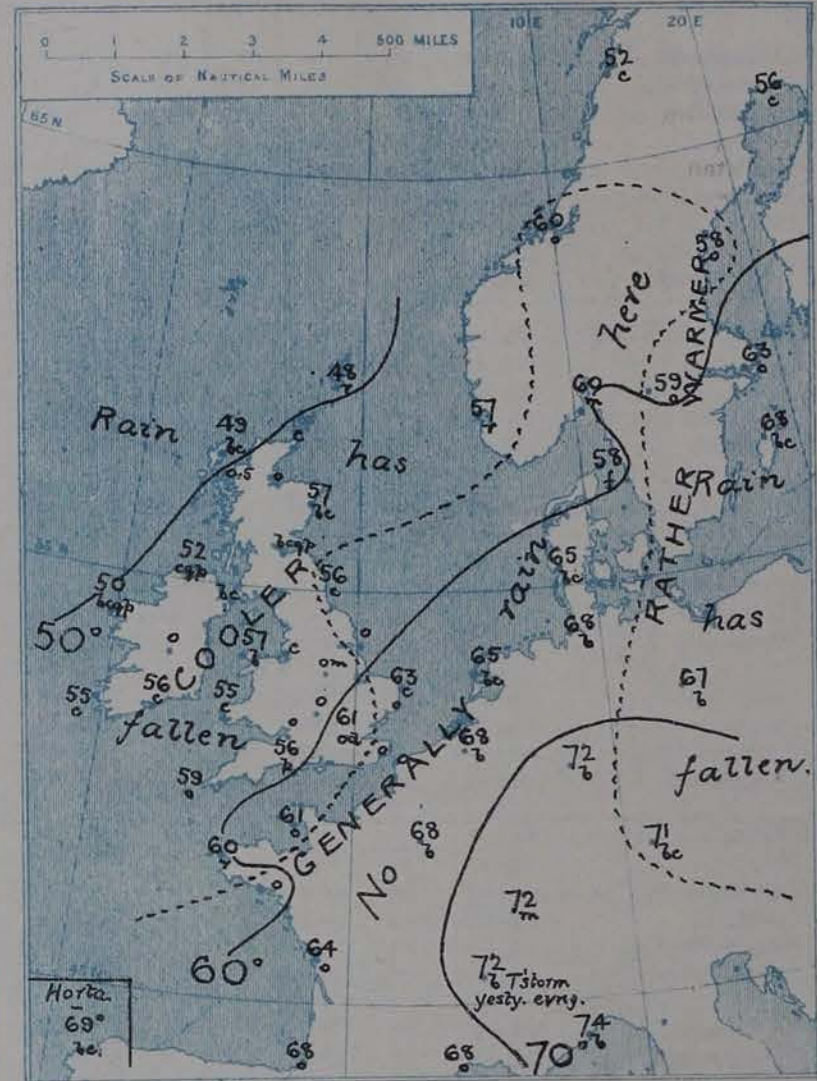


## II. TEMPERATURE AND WEATHER. This Morning.

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



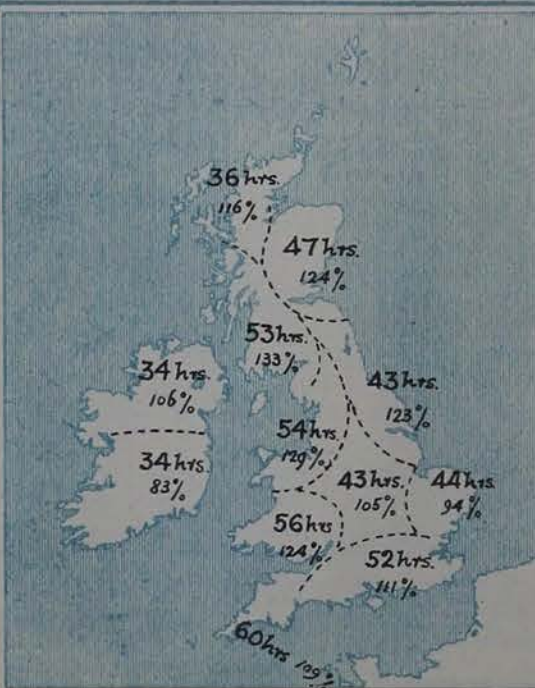
## III. BAROMETER AND WIND

Yesterday morning.



## IV. LAST WEEK'S SUNSHINE.

Amount recorded in various districts of the United Kingdom during the week ended Saturday, 14<sup>th</sup> July, with the percentage of the average duration for the corresponding week.

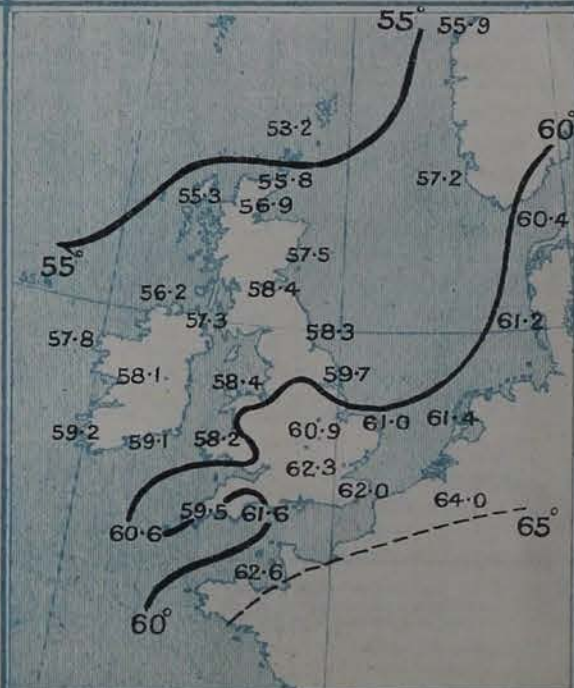


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

A depression which appeared yesterday afternoon over the west of Scotland has travelled NE.<sup>ws</sup>, and has increased greatly in intensity. Its centre is now situated a few miles to the W.<sup>ws</sup> of the Shetlands, and the barometer at Sumburgh Head has fallen to the unusually low level (for the time of year) of 28.88 ins, the gradients in the immediate neighbourhood of the disturbance being very steep. Shallow secondary disturbances are passing E.<sup>ws</sup> across England and the North Sea, but the barometer is now rising at most of our western and northern stations. The highest pressures, 30.1 ins. and upwards, are found over the southern parts of France and the Bay of Biscay.

The wind shows a general circulation round the northern depression, being W.<sup>s</sup> or N.W.<sup>s</sup> on most parts of our western and northern coasts, but S.W.<sup>s</sup> over the east and southeast of England, the Netherlands and Germany, and S.<sup>s</sup> or S.E.<sup>s</sup> on the eastern shores of the North Sea. At several of our own northern stations the W.<sup>s</sup> wind blows strongly, while at Skudesnaes there is a gale from the S.<sup>ws</sup>. The shift of wind to the W.<sup>ws</sup> in these Islands has been accompanied by a general and decided fall of temperature, the readings being now below 60° at all but our southeastern stations. At many places in the north the thermometer is below 55°, and in the Shetlands and Hebrides it is slightly below 50°. Over South Germany and the east and south of France the thermometer is above 70°. Showery weather is reported over the greater part of the United Kingdom, and steady rain is falling at Sumburgh Head and Skudesnaes. Over the western parts of the Continent generally the weather is, however, fine. The sea is rather rough in the Straits of Dover, and also on our extreme north and northwest coasts, and at Pembroke.

During yesterday the thermometer rose to 75° and upwards in many parts of England, to 80° in London and to 84° at Margate. At Paris it reached 92° and at Biarritz 93°. Scarcely any bright sunshine was recorded in Ireland and Scotland, but over the greater part of England the amount was large. Rain has fallen at all but our eastern stations, - heavily in the Shetlands and Hebrides, and a thunderstorm has occurred at Lyons. During the night a fresh to strong gale from the W.<sup>ws</sup> has been experienced on the north coasts of Ireland and Scotland.

PRESSURE

WIND

TEMPERATURE

WEATHER

AND

SEA

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the north of Scotland will continue to travel away to the N.<sup>ws</sup>, but small secondary disturbances will pass eastwards across the United Kingdom and occasion showers in most districts. Temperature is likely to continue rather low.

## FORECASTS\*

For the 24 hours ending at NOON on 20<sup>th</sup> July, 1906.

### DISTRICTS.

### FORECASTS.

0	SCOTLAND NORTH	W. <sup>s</sup> and S.W. <sup>s</sup> winds, strong at first, but moderating later; squally, some showers.
1	SCOTLAND EAST	W. <sup>s</sup> and S.W. <sup>s</sup> winds, moderate or fresh; cool, changeable, some showers.
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	S.W. <sup>s</sup> to W. <sup>s</sup> or N.W. <sup>s</sup> winds, fresh; cool, changeable, some showers.
5	ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	SCOTLAND WEST	W. <sup>s</sup> and N.W. <sup>s</sup> winds, backing later; cool, changeable, some showers.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	

WARNINGS

NONE ISSUED.

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

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



## DAILY WEATHER REPORT.

19<sup>TH</sup> JULY,

1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	65	55	*	0.0	0.63	†Brighton ...	70	55	*	11.3	-
Blackpool, to 9 p.m. ...	66	58	o, c, ou, op	2.0	0.01	†Eastbourne, to 6 p.m. ...	73	53	bcm, bc	12.0	-
Southport, to 9 p.m. ...	68	57	o, c, o	3.8	-	Bexhill-on-Sea, to 9 p.m. ...	68	53	b	12.0	-
Rhyl, to 6 p.m. ...	67	57	?	6.8	-	†Hastings ...	*	*	*	13.7	*
Llandudno, to 9 p.m. ...	68	58	b, c, q, p	7.5	-	†Folkestone, to 6 p.m. ...	75	54	b	13.2	-
Bettws-y-Coed, to 6 p.m. ...	63	58	c, d, c, d	0.1	0.02	Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m. ...	65	58	?	0.6	-	Margate, to 6 p.m. ...	84	57	b	14.0	-
Aberystwyth, to 6 p.m. ...	65	56	o, c	3.3	-	†Lowestoft, to 6 p.m. ...	71	57	b, c, c	13.5	-
Plymouth, to 9 p.m. ...	64	57	bcm, bc	7.2	-	†Skegness ...	76	54	b, c	12.8	-
Torquay, to 6 p.m. ...	72	55	*	6.5	-	Scarborough, to 6 p.m. ...	73	58	*	7.5	-
†Bournemouth, to 6 p.m. ...	76	55	*	9.3	-	†Harrogate, to 6 p.m. ...	72	56	c, b, c	5.0	-
†Bognor, to 6 p.m. ...	*	*	b, m, b	8.4	*	Darwen, to 9 p.m. ...	68	54	c, o	4.0	-
†Worthing ...	70	55	c, b	12.6	-	Manchester, to 9 p.m. ...	73	56	b, c	6.5	0.05
						Birmingham, to 9 p.m. ...	74	55	c, b, c	10.3	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 18 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	70	61	b, m	-	Rome ...	86	64	b, b	-
Aix-la-Chapelle ...	72	57	b, b	-	Naples ...	83	70	b, b	-
Copenhagen ...	66	54	b, o	0.08	Malta ...	not received			
Oxö (Christiansand) ...	63	50	c, o	0.08	Geneva 17 <sup>th</sup> July, 1906 1 p.m.	77	*	b	Measured 7 a.m.
St. Petersburg ...	64	52	c, r	0.35	Berne ...	77	*	b	-
Vienna ...	79	63	b, b	-	Lucerne ...	77	*	b	-
Buda-Pesth ...	82	66	b, b	-	Coire ...	75	*	b	-
Hermanstadt ...	79	61	r, c	0.39	St. Gotthard ...	61	*	b	-
Trieste ...	77	64	b, b	-	Lugano ...	81	*	b	-
Florence ...	89	63	b, b	-					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.	19 <sup>th</sup> July 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*	Yarmouth ...	3.52	11.59	8.5
Holland ...	7 a.m. ( " )	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Greenwich ...	4.7	12.6	8.6
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Wick ...	3.37	12.18	8.59
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—	Valencia ...	4.44	12.47	8.50
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.				

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Friday,

Meteorological Office, London.

20<sup>th</sup> July,

1906.

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.	Rainfall.		
At 32° Fahr. 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.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	29.60	56	Z	0	c	29.49	+08	59	55	+3	SE	2	c	*	61	52	*	*	-	
	Hernösand...	29.52	56	S	2	b	29.34	-35	57	53	-1	SSW	4	bc	*	63	41	*	*	0.28	
	Stockholm...	29.59	62	SSE	4	c	29.58	-17	61	54	-2	SW	4	bc	*	72	54	*	*	-	
	Wisby...	29.57	64	S	6	b	29.69	-11	58	53	-10	WNW	8	bc	*	75	58	*	*	-	
	Karlstad...	29.50	61	SW	4	r	29.52	-21	56	51	-3	SW	6	b	*	*	*	*	0.24		
	Færder (X'ania Fjord)	29.47	58	WSW	7	0	29.49	-18	55	51	-5	SW	6	b	4	61	54	*	*	0.12	
	Bodö...	29.41	63	E	2	b	29.23	-40	58	53	+6	E	4	bc	2	63	50	*	*	-	
	Christiansund...	29.29	54	SE	3	r	29.18	-23	56	50	-4	NNE	4	0	3	64	52	*	*	0.24	
	Skudesnaes...	29.47	54	SW	6	r	29.40	-05	51	46	-6	WSW	8	c	5	57	48	r, c	*	0.35	
BRITISH ISLANDS.	Sumburgh Head	29.02	44	WSW	8	r	29.02	+14	47	47	-1	W	6	r	7	51	42	r	*	0.37	
	Stornoway...	29.46	51	WNW	5	rq	29.47	+13	50	47	+1	WNW	5	or	5	54	47	rhq, o	8.9	0.26	
	Malin Head...	29.74	54	NW	6	bcq, m	29.70	+09	54	49	+2	NNW	5	bc	5	62	47	bc, bcq	*	0.08	
	Blacksod Pt. ...	29.89	54	WSW	3	bc	29.86	+02	55	51	+5	WNW	3	b	3	58	48	b, bc	*	0.08	
	Valencia...	29.98	58	W	3	c	29.94	00	54	52	-1	NNW	3	op	4	60	53	c, o	8.8	0.04	
	Roche's Point...	29.96	60	NW	3	c	29.93	+01	56	53	0	NNW	1	og	1	64	52	c	*	-	
	Birr Castle...	29.91	57	WSW	3	c	29.90	+04	54	51	-1	WNW	3	b	*	62	48	bc, c, r	10.6	0.08	
	Donaghadee...	29.82	55	SSW	4	c	29.80	+12	52	48	-1	W	3	c	3	60	44	bc, bc	*	0.02	
	Liverpool Obsy...	29.86	59	WSW	4	b	29.83	+06	53	49	-1	WSW	4	c	3	61	51	bc, b	*	0.01	
	Holyhead...	29.87	56	SW	3	c	29.85	+07	55	52	-2	WNW	4	c	3	61	52	b, c	*	-	
	Pembroke (St. Ann's Hd.)	29.95	56	WSW	5	c	29.92	+04	56	53	+1	W	4	bc	4	59	54	c, bc, c	6.9	-	
	Scilly (St. Mary's)...	30.03	61	SW	1	op	29.95	00	56	56	-3	N	1	r	2	64	55	c, op, r	0.7	0.19	
	Jersey (St. Aubins)...	30.05	59	W	4	0	30.00	+01	60	58	-1	SW	2	0	2	62	56	org, o	0.0	0.06	
	Portland Bill...	29.96	58	SW	5	0	29.94	+06	56	55	0	WSW	3	r	3	59	55	c, o, r	*	0.08	
	Dungeness...	29.93	61	WSW	4	bc	29.93	+08	58	54	-1	SW	3	0	3	61	53	o, bc	0.5	0.05	
	Wick...	29.35	48	W	4	r	29.32	+14	46	46	-4	W	3	rsp	3	56	43	-	*	0.28	
	Nairn...	29.48	53	WSW	4	c	29.46	+15	48	45	-3	SW	3	cp	2	57	45	-	*	0.21	
	Aberdeen...	29.50	58	WSW	5	bc	29.49	+11	52	45	-5	WSW	3	0	2	62	46	bc, c	14.6	-	
	Leith...	29.64	56	WSW	6	bc	29.62	+13	54	49	-3	WSW	5	bc	*	62	46	bcq, p	*	0.03	
	North Shields...	29.71	55	W	4	cq	29.69	+09	56	49	0	W	4	c	2	64	46	cpq, c	*	0.02	
	Spurn Head...	29.79	61	WNW	5	c	29.77	+07	55	51	-1	W	4	bc	3	63	52	cq, p	*	-	
	Yarmouth...	29.84	64	W	4	bc	29.83	+10	55	51	-8	W	4	c	3	65	51	c, bc	*	0.16	
	Clacton-on-Sea...	29.89	63	W	2	c	29.90	+09	58	53	-4	WSW	4	0	3	64	53	or, c, o	1.7	0.12	
	Nottingham...	29.85	61	W	2	c	29.83	+06	57	52	+2	W	3	cp	*	67	51	bc, c	7.4	-	
Bath...	29.97	59	W	3	c	29.93	+07	57	52	0	NW	2	c	*	63	51	-	4.2	0.01		
Oxford...	29.95	57	WSW	2	bc	29.91	+05	55	52	0	WSW	2	0	*	64	51	c, bc	*	-		
London (St. James' Park)	29.90	63	W	2	c	29.91	+09	56	54	-5	WSW	3	0	*	66	53	op, bc, c	2.2	0.03		
GERMANY, &C.	The Scaw (Skagen)	29.61	56	W	4	c	29.59	-14	55	51	-3	WSW	4	c	1	63	50	*	*	0.55	
	Fanö...	29.78	56	SW	6	c	29.74	+02	57	52	-8	SW	6	c	*	70	54	*	*	0.04	
	Cuxhaven...	29.84	61	W	4	0	29.82	+05	59	58	-9	WSW	4	c	*	73	55	*	*	-	
	The Helder...	29.89	59	WSW	3	c	29.85	+08	59	55	-6	WSW	2	c	2	66	54	*	*	0.20	
	Brussels...	*	*	*	*	*	29.97	+09	55	54	-13	WSW	2	0	*	73	54	*	*	0.20	
	Berlin...	29.81	64	W	2	bc	29.87	+02	56	54	-11	NW	2	r	*	88	55	*	*	0.35	
	Frankfurt...	29.90	75	NW	1	b	29.96	+03	60	58	-12	W	3	r	*	88	59	*	*	0.04	
	Munich...	29.95	72	SSW	1	b	29.94	+08	71	62	0	SW	2	c	*	81	64	*	*	-	
FRANCE.	C. Gris Nez...	29.96	58	W	5	0	29.95	+03	57	54	-1	WSW	4	0	4	61	55	*	*	0.20	
	Brest...	30.09	64	W	3	0	30.05	00	62	60	+3	W	2	0	1	77	57	*	*	-	
	Rochefort...	30.11	69	NW	2	b	30.10	00	67	62	+3	SW	2	0	*	77	64	bc, b	*	-	
	Biarritz...	30.16	70	WNW	2	0	30.19	+06	66	66	-2	Z	0	0	1	73	63	*	*	-	
	Paris...	29.97	77	W	2	bc	30.06	+07	56	56	-12	Z	0	r	*	84	54	*	*	0.28	
	Belfort...	29.88	85	W	6	m	29.99	-02	65	60	-7	W	2	0	*	88	61	*	*	-	
	Lyons...	30.02	76	Z	0	b	30.02	-06	71	66	-3	Z	0	b	0	86	64	*	*	-	
	Nice...	30.06	72	E	2	c	30.06	-07	74	70	+6	Z	0	b	*	80	62	*	*	-	
SPAN. PEN.	Corunna...	30.11	64	NNW	6	b	30.08	+01	67	62	-1	NNW	5	b	*	77	61	*	*	-	
	Lisbon...	30.30	69	WSW	3	b	30.26	+01	70	68	+1	SSW	1	0	1	77	68	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) 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.

† The corresponding value in yesterday's report should have been 29.57 ins.



# WEATHER CHARTS

FOR Friday, 20<sup>th</sup> JULY, 1906.

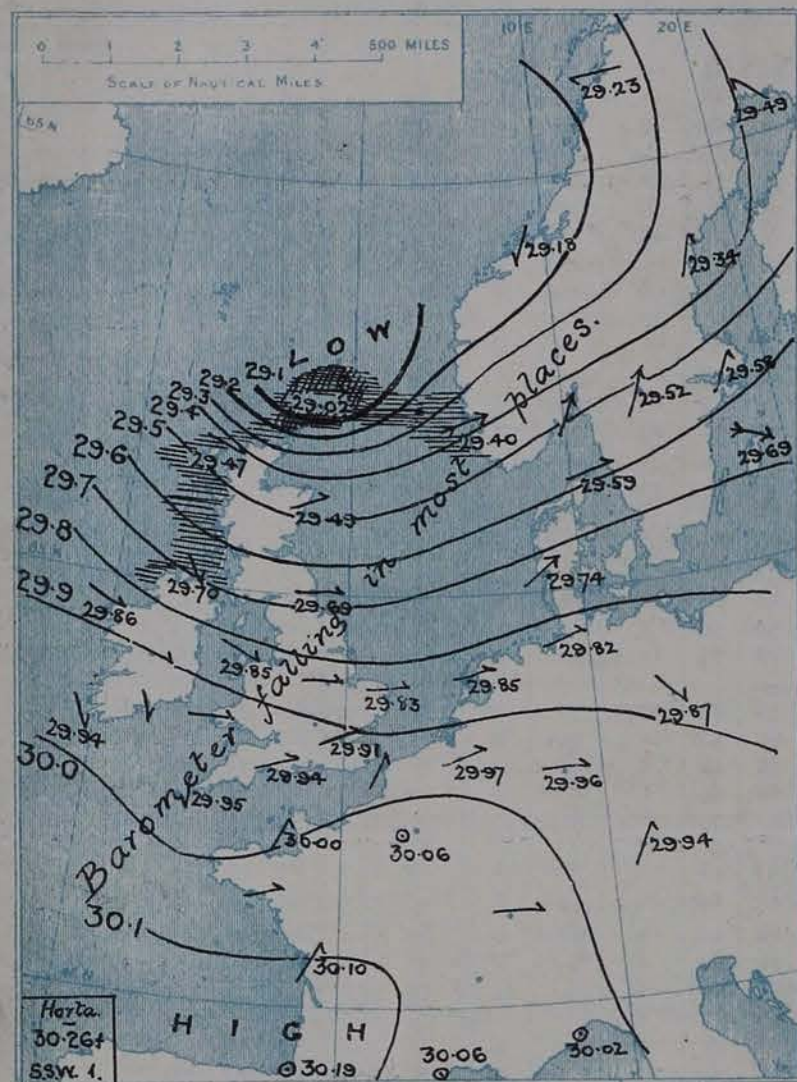
## I. BAROMETER, WIND AND SEA. This Morning.

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

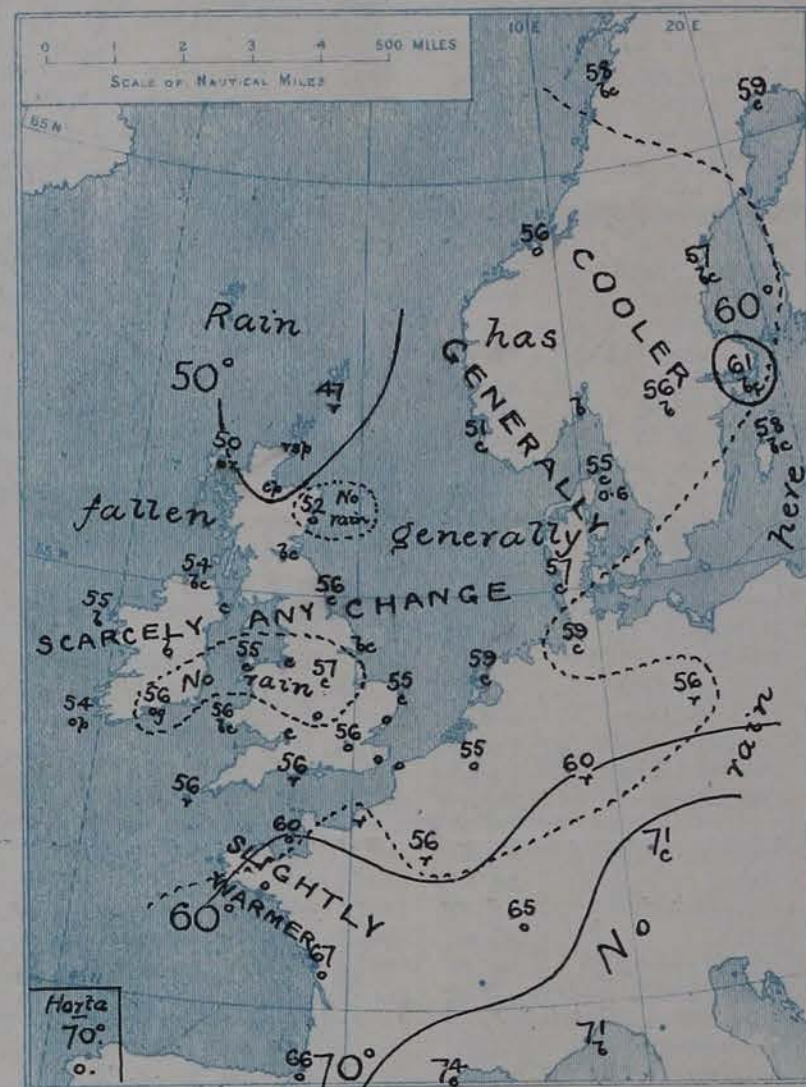


## II. TEMPERATURE AND WEATHER. This Morning.

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 1906.

Total Amount recorded in various districts of the United Kingdom in the 28 weeks ended Saturday 14<sup>th</sup> July with the percentage of the average amount for the corresponding period.

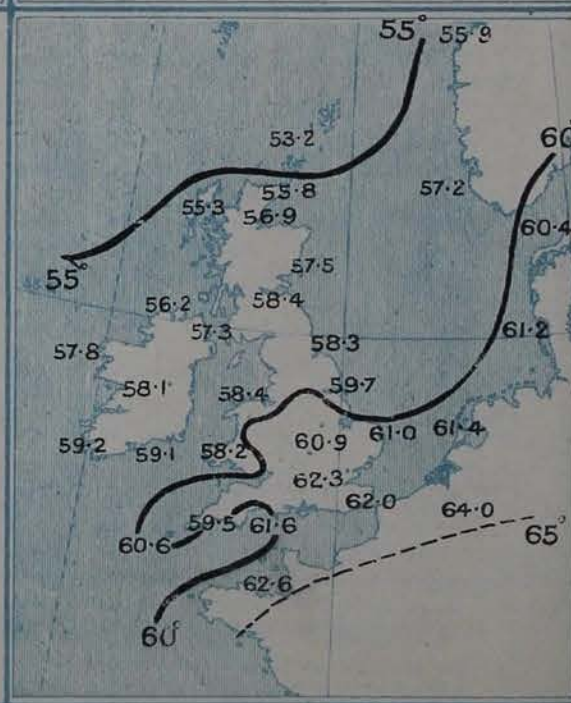


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

The deep depression noticed yesterday off the north of Scotland is moving away very slowly in a N.E.<sup>s</sup> direction. In the Shetlands the barometer has not risen much beyond 29.0 ins., and immediately to the southward of that region the gradient remains steep. In the course of the night a renewed fall of the barometer has occurred over the United Kingdom generally, and over the western part of the Channel there are indications this morning of the presence of a small secondary disturbance. The highest pressures, 30.1 ins. and upwards, are still found over the southwest of France and the southern part of the Bay of Biscay.

Over northwestern Europe generally the wind still circulates round the northern depression, being N.W.<sup>s</sup> in Ireland, W.<sup>s</sup> over Great Britain, the Netherlands and Germany, and S.W.<sup>s</sup> in Denmark and the south of Scandinavia, but E.<sup>s</sup> in Lapland and Finmark. In the Shetlands the wind still blows strongly, and at Skudesnes and Wiply there is a gale from the W.<sup>s</sup> In the south of France the wind is calm. Temperature has not changed much in these Islands, but the cool current of air has reached the western parts of the Continent, where the thermometer has fallen decidedly. At most of our own northern stations the morning readings are below 55°, and in the north of Scotland they are below 50°. Over the southern parts of France the weather remains warm, the thermometer at Nice and Perpignan being above 70°. The depression near the Shetlands is causing rain in the north of Scotland, and sleet showers at Wick. Rain is also falling in the neighbourhood of the Channel disturbance, and at some of the German stations, but in other parts of our area the weather is at present fair. The sea is high in the neighbourhood of the Shetlands, and rather rough off the north coasts of Scotland and Ireland generally, but slight or smooth elsewhere.

The maximum temperatures recorded yesterday were slightly above 65° in some parts of Central and Southern England, but were below 60° at many of our western and northern stations; at Lumburgh Head the thermometer did not exceed 51°. The amount of bright sunshine was large at many of our northern stations, but much smaller in the south. Rain has fallen in most parts of northwestern Europe, and hail or sleet in the north of Scotland.

PRESSURE

WIND

TEMPERATURE

WEATHER

AND

SEA

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the north of Scotland will probably continue to move away in a N.E.<sup>s</sup> direction. A small secondary disturbance now lying over the western part of the Channel will travel E.<sup>s</sup>, and occasion rain over our southern counties generally. The reports from the Azores seem to indicate that other low pressure systems are moving over the Atlantic in the direction of these Islands.

## FORECASTS\*

For the 24 hours ending at NOON on 21<sup>st</sup> July, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	{ W. <sup>s</sup> winds, moderating; some rain at first, then fair.	6 { SCOTLAND WEST	{ N.W. <sup>s</sup> to W. <sup>s</sup> or S.W. <sup>s</sup> winds; fair generally, but showery in places. Remaining cool.
1 { SCOTLAND EAST	{ W. <sup>s</sup> winds, light; fair generally,	7 { ENGLAND N.W.	
2 { ENGLAND N.E.	{ but showery in places. Remaining cool.	8 { ENGLAND S.W.	
3 { ENGLAND EAST	{ W. <sup>s</sup> winds, light; cool, changeable, some showers.	9 { IRELAND NORTH	
4 { MIDLAND COUNTIES	{ S.W. <sup>s</sup> to N.W. <sup>s</sup> winds, light; some rain at first, then fair. Remaining cool.	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.



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	63	47	*	6.2	0.60	+Brighton ...	63	59	*	0.8	0.12
Blackpool, to 9 p.m. ...	62	52	r, c, bc, c	11.9	0.13	+Eastbourne, to 6 p.m. ...	64	56	om, r, bc, c	0.9	0.10
Southport, to 9 p.m. ...	61	53	o, r, c	12.2	0.05	Bexhill-on-Sea ...	65	54	c	3.4	0.01
Rhyl, to 6 p.m. ...	64	52	bc, r, b	10.3	0.12	+Hastings ...	*	*	*	0.7	*
Llandudno, to 9 p.m. ...	64	52	bc, p, q	8.8	0.06	+Folkestone, to 6 p.m. ...	75	55	o, d, r, bc	0.8	0.09
Bettws-y-Coed, to 6 p.m. ...	63	52	c, bp, b	7.5	0.16	Broadstairs, to 6 p.m. ...	*	*	*	0.6	*
Towyn, to 6 p.m. ...	62	54	r, c, b, c	8.6	0.18	Margate, to 6 p.m. ...	63	58	r, o, c	0.0	0.10
Aberystwyth, to 6 p.m. ...	60	53	c, b	9.0	-	Lowestoft, to 6 p.m. ...	64	54	bc, o, bc, r, c	3.3	0.09
Plymouth, to 9 p.m. ...	63	52	om, bc	0.2	0.29	+Skegness ...	67	55	r, c, bc	7.5	0.06
Torquay, to 6 p.m. ...	64	55	*	1.0	0.21	Scarborough, to 6 p.m. ...	71	54	*	7.2	-
+Bournemouth, to 6 p.m. ...	64	57	*	1.2	0.18	+Harrogate, to 6 p.m. ...	69	49	cp, c, b, c	9.2	0.02
Bognor, to 6 p.m. ...	*	*	cw, bc, c	1.2	*	Darwen, to 9 p.m. ...	59	48	or, c, b	10.3	0.29
+Worthing ...	62	56	r, o, c, b, c	0.9	0.15	Manchester, to 9 p.m. ...	62	52	bc, r, bc	10.2	0.12
						Birmingham, to 9 p.m. ...	64	53	c	7.2	0.05

\* At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

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 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 19 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	79	63	bc, b	-	Rome ...	89	65	b, b	-
Aix-la-Chapelle ...	86	61	c, b	0.16	Naples ...	85	71	r, b	-
Copenhagen ...	not received.				Malta ...	80	70	b	-
Oxö (Christiansand) ...	61	55	o, o	-	Geneva 18 <sup>th</sup> July, 1906. 1 p.m.	86	*	1 p.m. b	Measured 7 a.m.
St. Petersburg ...	63	50	c, o	0.08	Berne ...	82	*	b	-
Vienna ...	77	64	b, b	-	Lucerne ...	81	*	b	-
Buda-Pesth ...	86	64	b, b	-	Coire ...	86	*	b	-
Hermanstadt ...	81	55	b, b	-	St. Gotthard ...	59	*	b	-
Trieste ...	81	66	b, b	-	Lugano ...	82	*	b	-
Florence ...	90	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 Time.	Corresponding Greenwich Times.
British Isles ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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 1906.	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

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Saturday,

Meteorological Office, London.

21<sup>st</sup> July,

1906.

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.	Rainfall.	
		At 32° Fahr. and M.S.L.	Dry Bulb.	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...	29.34	55	SW	2	o	29.36	-13	57	54	-2	SW	2	o	*	66	52	*	*	0.12	
	Hernösand ...	29.36	57	SW	2	b	29.35	+01	53	49	-4	S	2	bc	*	64	53	*	*	-	
	Stockholm ...	29.52	58	SW	2	o	29.45	-13	58	50	-3	SW	4	c	*	66	54	*	*	-	
	Wisby... ..	29.58	58	SSW	3	c	29.54	-15	56	51	-2	W	8	o	*	64	55	*	*	-	
	Karlstad ...	29.46	54	SSW	8	b	29.32	-20	54	50	-2	SSW	6	o	*	*	*	*	0.20		
	Færder (X'ania Fjord)	29.40	55	WSW	6	bc	29.30	-19	55	50	o	W	7	o	4	59	54	*	*	-	
	Bodö ... ..	29.32	51	SW	4	c	29.30	+07	52	49	-6	E	4	b	2	52	45	*	*	0.32	
	Christiansund ...	29.13	60	SE	2	b	29.21	+03	57	51	+1	WSW	3	b	3	63	48	*	*	-	
Skudesnaes ...	29.31	49	WSW	8	r	29.43	+03	49	46	-2	NW	8	o	5	52	48	r	*	0.63		
BRITISH ISLANDS.	Sumburgh Head	29.29	48	WNW	6	r	29.55	+53	47	45	o	WNW	6	o	6	51	45	o,r	*	0.26	
	Stornoway ...	29.67	54	NW	5	c	29.80	+33	51	45	+1	WNW	2	o	2	55	43	bcq,c	5.5	0.01	
	Malin Head ...	29.82	55	NW	4	b	29.84	+14	54	50	o	W	1	bc	3	56	47	b, bc	*	-	
	Blacksod Pt. ...	29.90	56	WSW	2	b	29.79	-07	57	57	+2	SE	3	dgm	3	59	54	b	*	0.01	
	Valencia ... ..	29.89	59	SSE	1	o	29.87	-07	62	61	+8	SW	2	odm	3	63	54	o	1.2	0.10	
	Roche's Point ...	29.93	59	SSW	3	bc	29.85	-08	57	57	+1	S	2	o	3	61	55	c,bc,f	*	0.07	
	Birr Castle ...	29.90	62	WNW	2	bc	29.85	-05	58	57	+4	Z	o	o	*	64	52	bc	12.0	-	
	Donaghadee ...	29.86	58	NW	3	c	29.89	+09	54	49	+2	SE	1	c	1	61	45	bc,m	*	0.03	
	Liverpool Obsy...	29.88	59	W	3	b	29.93	+10	57	54	+4	SW	1	o	1	61	52	b	*	-	
	Holyhead ... ..	29.90	58	SW	2	bc	29.90	+05	57	56	+2	SW	3	o	2	62	52	b, bc, o	*	-	
	Pembroke (St. Ann's Hd.)	29.94	57	W	3	bc	29.89	-03	56	56	o	SE	4	m	4	60	54	bc, o	11.2	-	
	Scilly (St. Mary's) ...	29.98	60	WSW	1	om	29.98	+03	59	59	+3	WSW	3	m	2	62	56	c, om	0.5	0.07	
	Jersey (St. Aubins) ...	29.98	65	NW	3	bc	30.04	+04	61	61	+1	WSW	3	o	3	66	56	or, og	2.1	0.25	
	Portland Bill ...	29.94	58	SW	4	c	29.97	+03	57	56	+1	SSE	3	d	3	61	54	c, r	*	0.11	
	Dungeness ... ..	29.91	58	SW	4	c	30.01	+08	58	56	o	S	2	c	1	59	46	o, c	2.9	0.02	
	Wick ... ..	29.51	49	NW	4	o	29.73	+41	49	49	+3	W	2	r	3	55	44	-	*	0.08	
	Nairn ... ..	29.64	55	W	3	c	29.79	+33	52	46	+4	WSW	2	c	1	57	47	-	*	0.01	
Aberdeen ... ..	29.61	55	WNW	4	c	29.81	+32	55	48	+3	WNW	3	bc	2	61	47	o, cq, bc	2.2	-		
Leith ... ..	29.71	56	WSW	5	b	29.87	+25	57	51	+3	W	3	bc	*	64	47	-	*	-		
North Shields ...	29.73	60	SW	4	c	29.88	+19	56	50	o	SW	2	b	2	63	44	bc, c	*	-		
Spurn Head ... ..	29.79	60	NW	5	b	29.92	+15	57	54	+2	W	3	b	3	63	51	bm, b	*	-		
Yarmouth ... ..	29.83	64	WNW	4	b	29.94	+11	55	50	o	W	3	cm	3	64	47	cp, b	*	0.04		
Clacton-on-Sea ...	29.87	63	NW	2	bc	30.00	+10	56	53	-2	WSW	1	c	1	67	46	o, bc, w	6.6	-		
Nottingham ... ..	29.86	62	WNW	3	b	29.95	+12	54	52	-3	W	1	om	*	65	47	b, p	11.0	-		
Bath ... ..	29.94	64	SW	4	b	29.99	+06	54	52	-3	SSE	1	o	*	66	46	-	8.0	-		
Oxford ... ..	29.93	59	WNW	2	b	30.00	+09	56	53	+1	SSW	1	o	*	69	50	b	*	-		
London (St. James' Park)	29.87	66	WNW	2	bc	29.99	+08	57	54	+1	WNW	1	o	*	68	48	c, bc, b	7.0	-		
GERMANY, &c.	The Scaw (Skagen)	29.51	51	ESE	4	o	29.44	-15	51	49	-4	W	6	r	2	61	50	*	*	0.24	
	Fanö ... ..	29.69	55	SW	6	c	29.71	-03	55	51	-2	WSW	7	bc	*	61	52	*	*	0.12	
	Cuxhaven ... ..	29.78	57	W	4	c	29.84	+02	57	54	-2	WSW	5	c	*	63	54	tl, c	*	0.16	
	The Helder ...	29.86	59	WSW	3	b	29.96	+11	59	53	o	WNW	4	bc	3	63	57	*	*	-	
	Brussels ... ..	*	*	*	*	*	30.04	+07	53	53	-2	WSW	3	o	*	63	47	*	*	0.04	
	Berlin ... ..	29.86	55	SSW	2	o	30.00	+13	57	53	+1	W	2	b	*	68	50	*	*	0.24	
	Frankfurt ... ..	29.99	55	SW	3	o	30.02	+06	57	55	-3	W	2	o	*	61	54	*	*	0.24	
	Munich ... ..	30.01	60	NW	4	o	30.07	+13	54	54	-17	NE	2	r	*	79	54	*	*	0.39	
FRANCE.	C. Gris Nez ...	29.95	57	SW	5	b	29.94	-01	58	56	+1	WNW	2	bc	2	61	54	*	*	-	
	Brest ... ..	30.02	60	NW	3	c	30.05	+01	60	60	+1	W	3	f	2	60	57	*	*	0.04	
	Lorient ... ..	30.01	64	W	3	o	30.09	+04	63	61	+1	W	3	m	1	77	55	*	*	-	
	Rochefort ... ..	30.10	70	W	2	o	30.15	+05	66	63	-1	WNW	2	o	*	73	64	o	*	-	
	Biarritz ... ..	30.14	68	Z	o	c	30.17	-02	68	66	+2	E	1	c	1	75	64	*	*	-	
	Paris ... ..	29.99	61	SSW	3	r	30.11	+05	57	55	+1	Z	o	o	*	62	52	*	*	0.24	
	Belfort... ..	29.98	60	W	7	r	30.05	+06	60	60	-5	W	5	r	*	85	57	*	*	0.32	
	Lyons ... ..	29.97	79	N	1	c	30.12	+06	66	61	-4	N	1	o	*	91	61	tl, c	*	-	
SPAN. PEN.	Nice ... ..	29.93	74	SW	1	b	29.89	-13	70	66	-1	Z	o	b	2	84	63	*	*	-	
	Perpignan ... ..	29.99	78	Z	o	bc	30.09	+03	76	66	+2	NW	2	b	*	87	69	*	*	-	
	Corunna ... ..	30.03	66	NNW	5	b	29.99	-09	68	63	+1	WNW	3	o	*	75	63	*	*	-	
Azores (P. Delgada)...	30.26	71	SSW	4	o	30.24	-02	70	68	o	SW	3	o	1	75	70	*	*	-		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +.03 in., but for Sumburgh Head +.04 in.; for stations South of Malin Head and North Shields +.02 in., but for Scilly and Jersey +.01 in.  
(b) 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, 21<sup>st</sup> JULY, 1906.

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

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

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

Force above 10 →

Force 5 to 7 →

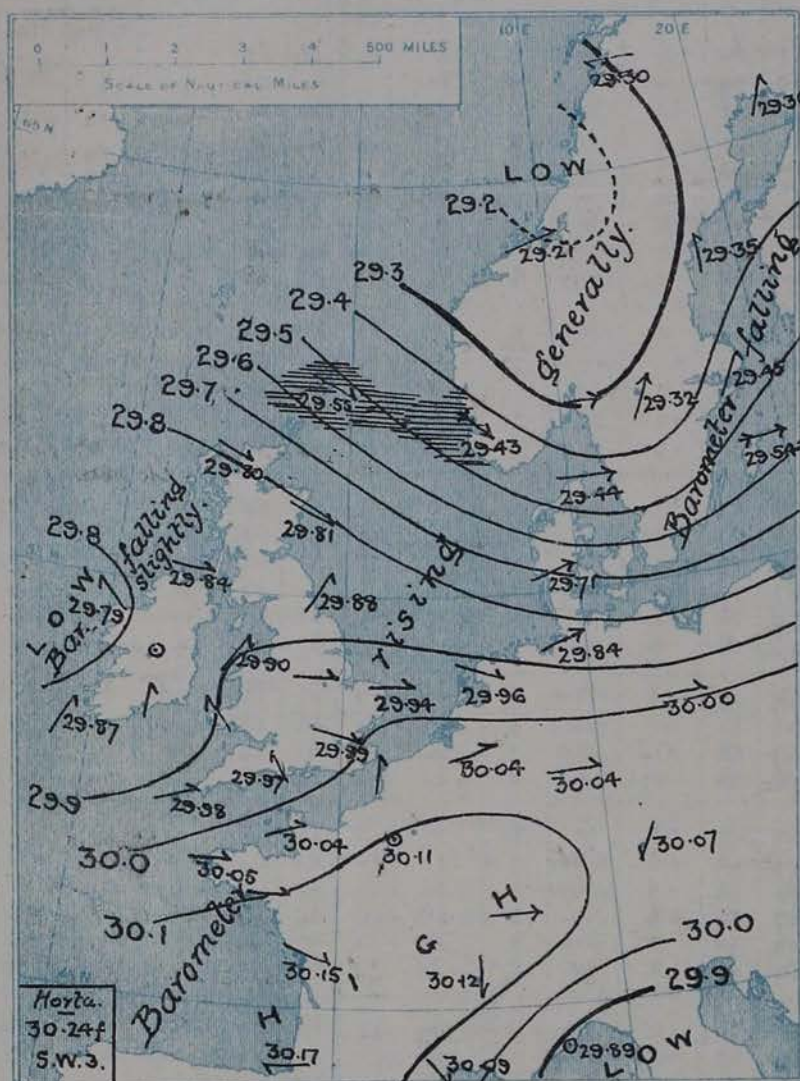
Calm ☉

Force 8 to 10 →

Force 1 to 4 →

SEA.—Rough

High



## II. TEMPERATURE AND WEATHER. This Morning.

TEMPERATURE.—Isotherms are drawn for each 10°.

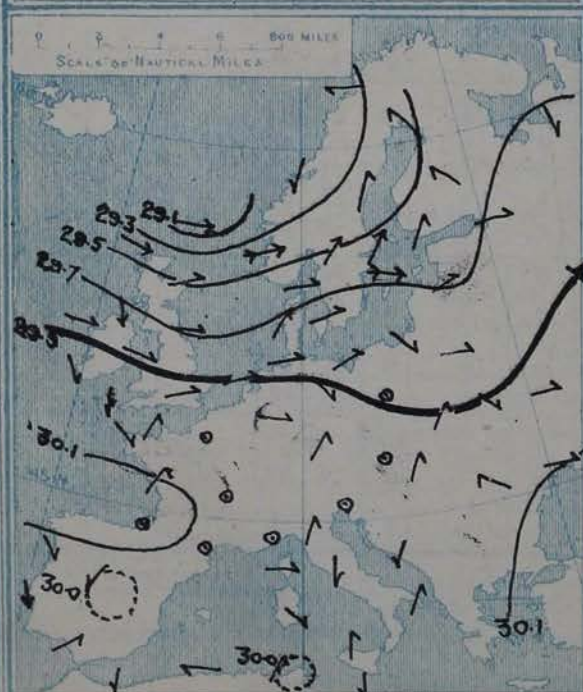
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus .06



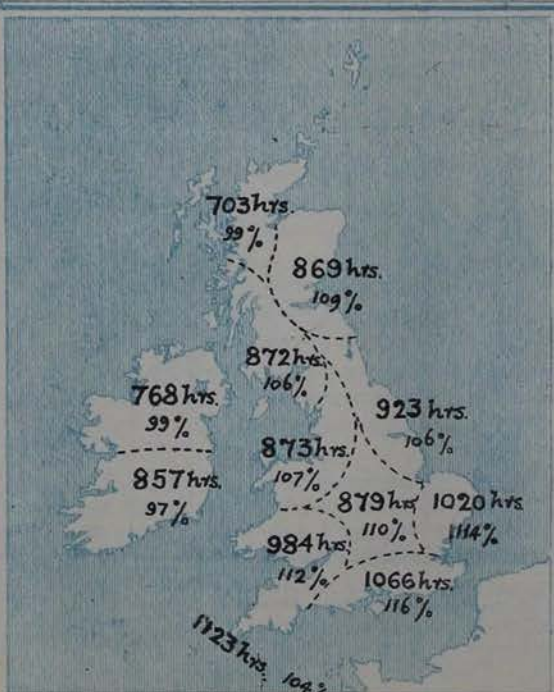
## III. BAROMETER AND WIND

Yesterday morning.



## IV. BRIGHT SUNSHINE IN 1906.

Total Duration recorded in various districts of the United Kingdom in the 28 weeks ended Saturday 14<sup>th</sup> July with the percentage of the average duration for the corresponding period.

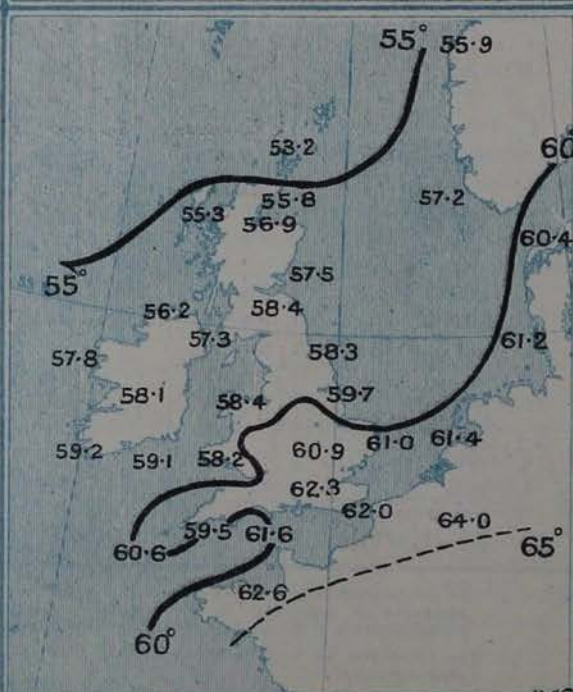


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JULY

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The depression recently noticed in the north continues to travel N.E.<sup>wd</sup>, but is decreasing in intensity. Its centre now lies over the northern part of the Norwegian coast, and although the gradient in that neighbourhood is slight, it is rather steep over northern Europe generally. A shallow secondary disturbance has appeared off the west of Ireland, and is occasioning a slight fall of the barometer at some of our western stations; in most other localities the mercury is rising. The highest pressures, 30.1 ins. and upwards, are found over France and the Bay of Biscay.

### WIND

Over the north and east of these Islands and the northern part of the Continent the wind circulates round the Norwegian depression, the W.<sup>wd</sup> current being strong to a gale in force in Denmark and the south of Scandinavia. The advance of the secondary disturbance is marked by a shift of wind to the S.<sup>wd</sup> or S.E.<sup>wd</sup> at many of our own western and southern stations, but at Valencia and Sicily the wind is S.W.<sup>wd</sup>. A slight rise of temperature has occurred over the greater part of these Islands, but the readings are still below the average. Valencia is the only station with a temperature as high as 60°; in some parts of Central England the thermometer is below 55°, while in the extreme north of Scotland it is still below 50°. Over the south of France the readings are above 65°, the highest reported being 76° at Perpignan. The weather is fine in the eastern parts of Great Britain, and also in Holland and North Germany. Elsewhere the sky is cloudy or overcast, with mist and slight rain on several parts of our own extreme western and southern coasts. Rain is falling also at the Scaw, and at Belfort and Muenich. The sea is slight or smooth generally, but rough off the Shetlands and the southwest of Norway.

### TEMPERATURE

### WEATHER

### AND

### SEA

During yesterday the thermometer rose to 65° and upwards over, eastern, central and southern England, and to 69° at Oxford; on the north coasts of Ireland and Scotland it did not reach 60°. The amount of bright sunshine varied considerably in different localities; over Central Ireland and the northern parts of England and Wales it was large. A little rain has fallen at many places in the west, north and extreme south of these Islands, and larger quantities in Norway, Denmark and Germany. Thunderstorms have occurred at Buchhaven and Lyons.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depression off our western coasts will probably move E.<sup>wd</sup>, and occasion slight rain in many parts of Ireland and England. The disturbance is, however, too shallow to produce any material increase in the strength of the wind. Temperature will remain, for the present, below the normal.

## FORECASTS\*

For the 24 hours ending at NOON on 22<sup>nd</sup> July, 1906.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	{ W. <sup>s</sup> to S. <sup>s</sup> winds, light; fair to-day, some showers to-morrow. Remaining cool.
1	{ SCOTLAND EAST	
2	{ ENGLAND N.E.	
3	{ ENGLAND EAST	{ S. <sup>s</sup> to W. <sup>s</sup> winds, light; cool, cloudy, slight rain in places.
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

### DISTRICTS.

### FORECASTS.

6	{ SCOTLAND WEST	{ Same as Nos. 0 to 2.  S. <sup>s</sup> and S.E. <sup>s</sup> winds, shifting later to W. or N.W.; dull and misty, with slight rain in places, improving later.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	

### WARNINGS

NONE ISSUED.

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

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



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	60	45	*	1.0	0.88	† Brighton ...	?	53	*	4.8	0.03
Blackpool, to 9 p.m. ...	60	53	c, bc, c	13.8	-	† Eastbourne, to 6 p.m. ...	59	53	ou, d, bc	4.0	0.07
Southport, to 9 p.m. ...	60	49	or, b	13.3	0.15	Bexhill-on-Sea ...	60	52	c, b	4.0	0.10
† Rhyl, to 6 p.m. ...	62	51	b	11.5	?	† Hastings ...	*	*	*	3.7	*
Llandudno, to 9 p.m. ...	65	51	b, c	13.1	-	† Folkestone, to 6 p.m. ...	61	51	o, bc, o, b	4.8	-
Bettws-y-Coed, to 6 p.m. ...	64	49	c, b	9.0	0.14	Broadstairs, to 6 p.m. ...	*	*	*	5.7	*
Towyn, to 6 p.m. ...	62	54	c, b	9.7	-	Margate, to 6 p.m. ...	65	51	or, b	6.5	0.01
Aberystwyth, to 6 p.m. ...	61	54	c, b	9.3	-	Lowestoft, to 6 p.m. ...	67	50	c, o, cp, c	5.8	-
Plymouth, to 9 p.m. ...	62	50	dm, o, bc	1.7	0.17	† Skegness ...	66	50	c, r, bc, b	10.6	0.02
Torquay, to 6 p.m. ...	65	55	*	3.1	0.15	Scarborough, to 6 p.m. ...	68	48	*	13.6	-
Bournemouth, to 6 p.m. ...	64	53	*	3.5	0.10	† Harrogate, to 6 p.m. ...	61	45	cp, bc	11.4	-
† Bognor, to 6 p.m. ...	*	*	?, b	5.0	*	Darwen, to 9 p.m. ...	59	45	bc, or, h, bc	12.3	0.12
† Worthing ...	62	53	*	4.7	0.07	Manchester, to 9 p.m. ...	61	49	c, bw, t, bc	11.2	0.15
						Birmingham, to 9 p.m. ...	65	50	c	9.3	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 20 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	64	57	r, c	-	Rome ...	91	63	b, b	-
Aix-la-Chapelle ...	77	54	o, o	0.32	Naples ...	84	69	b, b	-
Copenhagen ...	75	54	o, bc	0.12	Malta ...	79	59	b	-
Oxö (Christiansand) ...	61	52	c, b	0.35					
St. Petersburg ...	66	55	b, b	-	Geneva 19 <sup>th</sup> July, 1906. 1 p.m.	90	*	b	Measured 7 a.m.
Vienna ...	79	63	c, b	-	Berne ...	84	*	b	-
Buda-Pesth ...	88	61	c, bc	1.14	Lucerne ...	84	*	b	0.04
Hermanstadt ...	82	57	b, bc	-	Coire ...	79	*	b	0.04
Trieste ...	81	66	b, b	-	St. Gotthard ...	59	*	b	0.08
Florence ...	90	62	b, b	-	Lugano ...	84	*	b	0.75

## 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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	-
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, 1906.	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

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Sunday,

Meteorological Office, London.

22<sup>ND</sup> JULY,

1906.

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.	Rainfall.	
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)			Max.	Min.				
		Inch.	°				Inch.	Inch.	°	°	°					°	°		Hours.	Inch.	
SCANDINAVIA.	Haparanda...	29.40	55	SW	4	c	29.54	+18	56	52	-1	SW	4	b	*	63	48	*	*	-	
	Hernösand...	29.42	53	S	2	b	29.56	+21	58	51	+5	NNW	2	b	*	59	48	*	*	-	
	Stockholm...	29.47	54	SW	2	c	29.62	+17	59	54	+1	W	2	bc	*	61	50	*	*	0.12	
	Wisby...	29.55	56	WNW	8	o	29.67	+13	56	52	0	WNW	6	bc	*	59	46	*	*	0.20	
	Karlstad...	29.50	55	Z	0	bc	29.74	+42	55	51	+1	Z	0	c	*	*	*	*	0.12		
	Færder (X'ania Fjord)	29.49	62	WNW	1	b	29.73	+43	61	52	+6	Z	0	b	4	63	54	*	*	0.04	
	Bodö...	29.38	54	N	4	c	29.54	+24	52	50	0	NW	4	c	2	55	50	*	*	-	
	Christiansund...	29.59	54	N	4	bc	29.69	+48	50	48	-7	W	8	r	4	59	48	*	*	0.24	
Skudesnaes...	29.75	50	NNW	6	o	29.88	+45	50	48	+1	NNW	4	c	3	52	48	o	*	0.24		
BRITISH ISLANDS.	Sumburgh Head	29.75	48	WNW	4	o	29.73	+18	50	47	+3	SE	2	o	4	51	42	o	*	-	
	Stornoway...	29.81	57	SW	2	o	29.68	-12	57	56	+6	W	3	o	2	64	49	o	7.1	0.13	
	Malin Head...	29.77	62	SW	2	om	29.81	-03	58	58	+4	SW	2	rf	2	65	46	om	*	0.17	
	Blacksod Pt. ...	29.80	60	SW	3	dm	29.90	+11	57	57	0	WSW	3	cdp	3	63	56	og, dm	*	0.05	
	Valencia ...	29.90	62	SW	3	op	29.98	+11	60	60	-2	SW	1	oma	3	67	60	o, op	0.5	0.06	
	Roche's Point ...	29.91	58	SSW	3	c	29.98	+08	59	58	+2	S	1	o	3	63	55	c, f	*	-	
	Birr Castle ...	29.85	70	SW	2	c	29.92	+07	63	62	+5	WSW	2	or	*	72	57	-	0.7	0.06	
	Donaghadee ...	29.86	58	SSE	3	o	29.86	-03	64	63	+10	WSW	3	c	2	64	53	o, c, g	*	0.04	
	Liverpool Obsy...	29.90	66	SE	1	o	29.93	-00	67	63	+10	WSW	3	c	1	69	57	cm	*	-	
	Holyhead ...	29.89	60	SSW	3	cm, dp	29.92	+02	59	58	+2	WSW	3	c	2	64	56	om, cdp	*	0.03	
	Pembroke (St. Ann's Hd.)	29.93	59	SW	4	f	29.99	+05	59	59	+3	WSW	4	f	3	61	55	f	0.0	0.02	
	Scilly (St. Mary's) ...	30.02	60	WSW	3	f	30.04	+06	59	59	0	SW	1	f	2	62	58	o, f	0.0	0.04	
	Jersey (St. Aubins) ...	30.09	64	W	4	o	30.13	+09	62	51	+1	SW	5	o	4	67	60	f, om	1.7	-	
	Portland Bill ...	29.98	60	SW	5	f	30.03	+06	59	58	+2	WSW	4	f	3	61	56	o, f	*	0.05	
	Dungeness ...	29.99	60	SW	2	o	30.01	00	62	61	+4	SW	4	c	2	62	58	o, f	2.1	0.01	
	Wick ...	29.82	54	W	1	bc	29.70	-03	52	51	+3	S	1	r	1	58	49	-	*	0.10	
	Nairn ...	29.82	58	E	1	c	29.70	-09	61	59	+9	WSW	2	bc	1	65	51	-	*	0.01	
Aberdeen ...	29.87	57	SE	2	b	29.75	-06	61	59	+6	Z	0	o	2	65	52	bc, op	11.3	0.01		
Leith ...	29.84	65	WNW	2	b	29.79	-08	66	63	+9	WSW	2	o	*	70	51	-	*	-		
North Shields ...	29.88	57	SE	3	c	29.83	-05	64	61	+8	SSW	2	c	2	69	53	b, c	*	-		
Spurn Head ...	29.90	61	SE	1	b	29.90	-02	64	63	+7	WSW	3	o	2	70	57	-	*	-		
Yarmouth ...	29.94	66	S	4	b	29.94	-00	66	64	+11	WSW	2	cm	2	68	54	b	*	-		
Clacton-on-Sea ...	29.98	64	S	4	bc	29.97	-03	67	65	+11	WSW	3	c	2	67	56	c, bc, op	6.0	0.03		
Nottingham ...	29.92	67	SW	2	om	29.92	-03	68	65	+14	WSW	1	c	*	70	54	c, om	0.7	-		
Bath ...	29.97	69	SW	2	c	30.05	+06	64	64	+10	W	2	o	*	70	56	-	2.0	0.05		
Oxford ...	29.97	66	SSW	2	o	30.00	-00	65	63	+9	WSW	2	o	*	67	56	c, o, r	*	0.04		
London (St. James' Park)	29.97	66	WSW	2	o	29.99	-00	68	65	+11	W	2	o	*	68	57	o, r, o	0.1	0.02		
GERMANY, &c.	The Scaw (Skagen)	29.61	55	WNW	7	b	29.77	+33	56	52	+5	NW	5	b	2	59	50	*	*	-	
	Fanö ...	29.92	53	WNW	6	c	29.99	+28	56	51	+1	WNW	3	c	*	59	52	*	*	-	
	Cuxhaven ...	29.95	58	W	6	c	30.03	+19	58	57	+1	WSW	2	c	*	61	54	*	*	-	
	The Helder ...	30.03	61	WSW	2	b	30.00	+04	63	61	+4	SW	1	o	1	64	50	*	*	-	
	Brussels ...	*	*	*	*	*	30.06	+02	63	63	+10	SW	3	o	*	69	52	*	*	-	
	Berlin ...	29.95	61	W	2	b	30.06	+06	56	51	-1	W	3	b	*	68	52	*	*	-	
	Frankfurt ...	30.10	59	W	1	b	30.10	+08	59	57	+2	SW	1	o	*	70	55	*	*	-	
	Munich ...	30.13	58	Z	0	o	30.17	+10	59	58	+5	SSW	2	r	*	64	54	*	*	0.08	
FRANCE.	C. Gris Nez ...	30.03	60	SW	3	f	30.02	?	58	58	0	SW	4	f	4	64	57	*	*	0.04	
	Brest ...	30.11	63	SW	3	m	30.13	+08	62	60	+2	W	2	o	3	66	59	*	*	-	
	Lorient ...	30.12	66	W	3	m	30.13	+04	61	59	-2	NW	2	o	1	77	55	*	*	-	
	Rochefort ...	30.14	69	NW	3	b	30.13	-02	67	65	+1	NNE	2	b	*	75	61	b	*	-	
	Biarritz ...	30.12	72	NNW	4	b	30.13	-04	70	69	+2	Z	0	c	1	77	64	*	*	-	
	Paris ...	30.08	70	W	2	o	30.13	+02	66	65	+9	SSW	1	o	2	71	57	*	*	0.04	
	Belfort...	30.09	67	W	4	o	30.10	+05	65	63	+5	Z	0	o	*	71	59	*	*	-	
	Lyons...	30.07	80	NNE	1	b	30.13	+01	73	62	+7	N	1	b	*	83	63	*	*	-	
Nice ...	29.89	74	W	2	b	29.97	+08	73	68	+3	E	2	m	0	81	64	*	*	-		
Perpignan ...	30.02	83	Z	0	b	30.06	-03	77	70	-1	Z	0	b	*	95	66	*	*	-		
SPAN. PEN.	Corunna ...	30.24	68	WNW	1	bc	30.17	?	68	64	?	NNW	1	b	3	70	63	*	*	-	
	Lisbon ...	30.04	66	NW	2	b	30.06	+07	68	64	0	SE	1	bc	*	81	61	*	*	-	
	Azores (P. Delgada)...	30.29	69	WNW	1	b	30.29	+02	71	68	+3	W	3	c	2	75	66	*	*	-	
	„ (Horta) ...	30.28	70	SW	3	b	30.27	+03	70	68	0	Z	0	c	0	77	68	*	*	-	

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +03 in., but for Sumburgh Head +02 in.; for stations South of Malin Head and North Shields +02 in., but for Scilly and Jersey +01 in.

(b) 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, 22<sup>ND</sup> JULY, 1906.

## 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

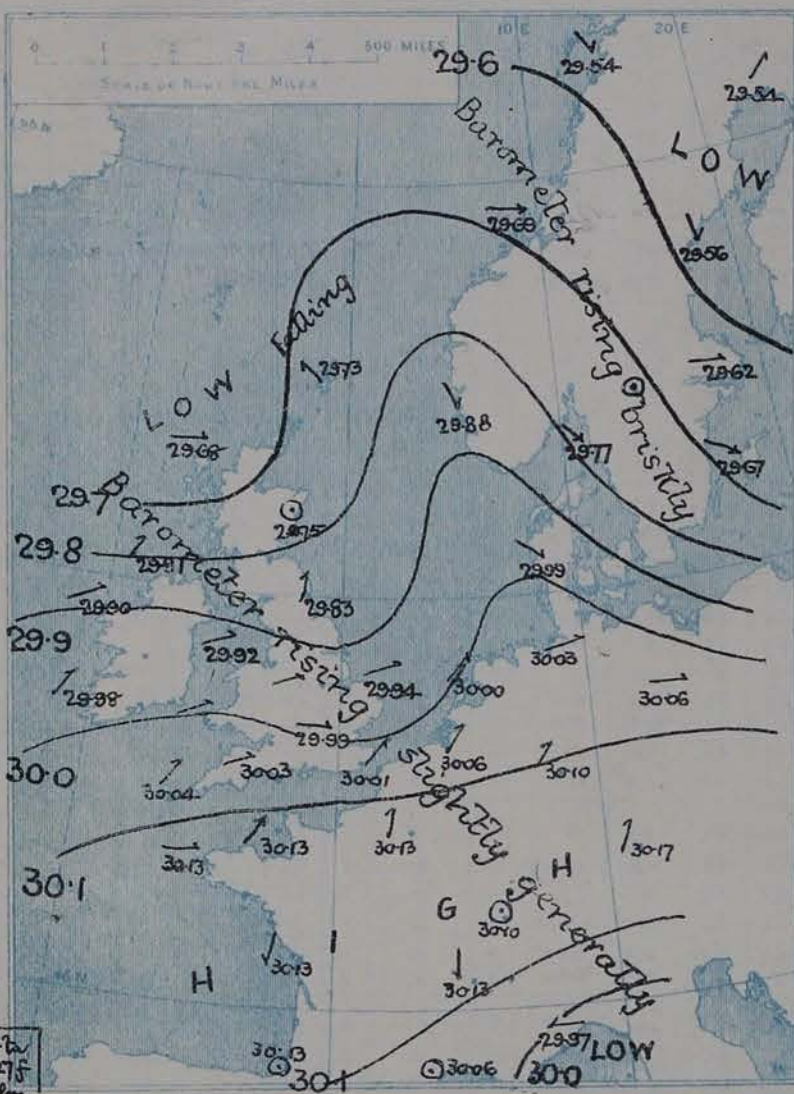
Force 8 to 10

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 - 0.8



## 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 Saturday 14<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.

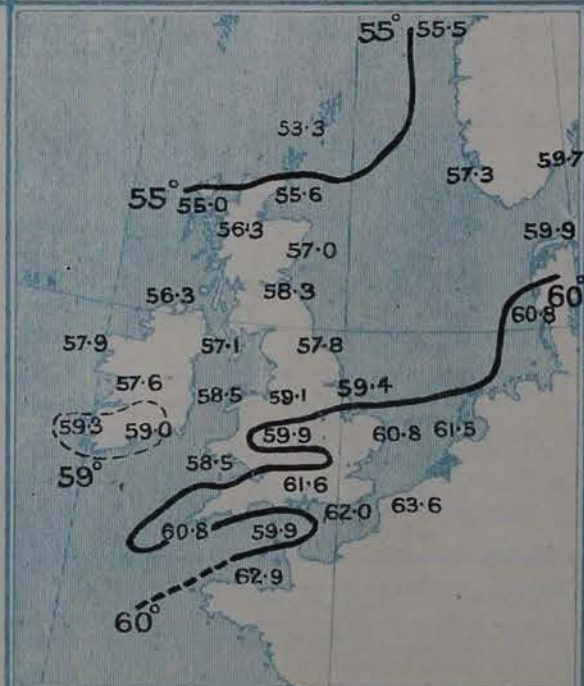


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

**JULY - AUGUST**

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Pressure is highest in a rather narrow band extending from the north of Spain and the Bay of Biscay across France to Central Europe, the barometer standing at 30.17 ins. both at Corunna and Munich. Readings are lowest, less than 29.6 ins., over the north-east of Scandinavia, but these are no higher than 29.4 ins. in a depression extending over the north-west of Scotland from the ocean. The barometer is at present rising over the greater part of our area, but is inclined to fall in the north-east of Great Britain.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

Over the larger portion of Scandinavia the wind is North-Westerly in the rear of a depression; it has little strength as a whole, but is reported to be blowing a fresh gale at Christianund. Over the United Kingdom light breezes from between South-West and South are general, but under the influence of the depression in the north-west it draws into South-East in the Shetlands. Temperature has risen in nearly all places—very decidedly over this country. It is now above 65° in most parts of England, and as high as 68° at Nottingham and in London. In the extreme north of Scotland it is only 52° and in the Shetlands 50°. The continental readings range from 77° at Perpignan to 59° at Stockholm, and to 50° at Christianund. The sky is clear or nearly so in Sweden and at several Continental stations further south; cloudy or overcast over the United Kingdom, the north of France, and the west of Norway, with rain in several parts of Ireland, at Wick, and Christianund. Much fog prevails on our south and south-west coasts. Over England the atmosphere is very close. Rain is falling at Munich. The sea is moderate to smooth.

During yesterday the thermometer rose to about 70° in various parts of our Islands and Germany, to 83° at Lybn, and to 95° at Perpignan. Slight rain has fallen in many parts of these Islands and at some Continental stations. Yesterday was dull in Ireland and most parts of England, but in Scotland and the east of England many hours of bright sunshine were recorded.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on 23rd July

1906.

### 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.

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.



## DAILY WEATHER REPORT.

22nd July, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	67	48	*	8.1	0.08	† Brighton ...					
Blackpool, to 9 p.m. ...	65	49	c. o	2.2	-	† Eastbourne, to 6 p.m. ...	61	50	b. c. o. m. d. o	0.6	0.01
Southport, to 9 p.m. ...	67	51	c. o	1.4	-	Bexhill-on-Sea, to 9 p.m.					
Rhyl, to 6 p.m. ...	67	50	b. c. o	0.2	-	† Hastings ...	*	*	*	0.8	*
Llandudno, to 9 p.m. ...	65	52	b. c	0.7	-	† Folkestone, to 6 p.m. ...	62	50	o. b. o. m	2.0	-
Bettws-y-Coed, to 6 p.m.						Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m. ...	65	54	o	0.0	-	Margate, to 6 p.m. ...	69	51	c	1.5	-
Aberystwyth, to 6 p.m. ...	65	51	o. c	0.0	-	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	68	57	o. d. f. o. f	0.6	0.05	† Skegness ...	71	43	c. b. c	11.1	-
Torquay, to 6 p.m. ...			*			Scarborough, to 6 p.m. ...			*		
† Bournemouth, to 6 p.m. ...	69	51	*	1.3	0.15	† Harrogate, to 6 p.m. ...	71	45	c. b. c	10.2	-
Bognor, to 6 p.m. ...	*	*	o. d. o	0.5	*	Darwen, to 9 p.m. ...					
† Worthing ...	63	47	m. o. c. o	0.5	-	Manchester, to 9 p.m. ...	67	49	c. b. r	0.8	0.01
						Birmingham, to 9 p.m. ...	65	49	c. o	1.8	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 21 <sup>st</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	63	54	b. o	-	Rome ...	71	66	b. f	-
Aix-la-Chapelle ...	55	48	o. c	0.08	Naples ...	83	67	b. b	-
Copenhagen ...	64	52	r. o	0.16	Malta ...	80	71	b	-
Oxö (Christiansand) ...	57	50	o. o	0.12	Geneva 20 <sup>th</sup> July, 1906. 1 p.m.	82	*	c	Measured 7 a.m.
St. Petersburg ...	77	52	o. r	0.71	Berne ...	73	*	o	-
Vienna ...	81	59	t. l. r. o	0.99	Lucerne ...	73	*	o	-
Buda-Pesth ...	70	64	c. r	0.12	Coire ...	77	*	o	-
Hermanstadt ...	82	55	b. b	-	St. Gotthard ...	52	*	c	-
Trieste ...	81	72	b. b. c	-	Lugano ...	86	*	b. c	-
Florence ...	91	62	b. b	-					

## EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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, 1906.	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

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FORECASTS OF WEATHER for one day in advance are drawn up 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Monday,

Meteorological Office, London.

23<sup>RD</sup> JULY,

1906.

		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
STATIONS.		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12)	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12)	Weather.	Sea (0 to 9)		Max.	Min.	Weather.	Sunshine.	Rainfall.
		Ins.					Ins.	Ins.												Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.70	54	Z	0	7	29.81	+0.27	59	53	+3	NE	2	6			64	52	*	*	-
	Hernösand...	29.75	54	Z	0	3	29.87	+0.31	58	52	0	W	2	C	*		68	50	*	*	0.08
	Stockholm...	29.80	59	Z	0	6	29.89	+0.27	63	57	+4	NNE	2	6	*		70	50	*	*	-
	Wisby...	29.83	59	W	4	7c	29.92	+0.25	59	56	+3	NW	4	6	*		63	52	*	*	-
	Karlstad...	29.82	61	SW	2	3	29.88	+0.14	58	55	+3	SW	2	C	*		*	*	*	*	-
	Färder (X'ania Fjord)	29.77	59	S	4	C	29.82	+0.09	62	59	+1	Z	0	6	2		63	59	*	*	-
	Bodö...	29.70	54	W	2	7c	29.80	+0.26	52	52	0	SW	4	+	2		54	?	*	*	0.08
	Christiansund...	29.83	57	W	4	0	29.80	+0.11	52	50	+2	E	2	0	3		52	46	*	*	0.04
BRITISH ISLANDS.	Skudesnaes...	29.87	50	SSE	4	+	29.88	00	53	53	+3	W	2	+	2		54	46	6, +	*	0.16
	Sumburgh Head	29.70	50	W	2	0	29.81	+0.08	50	49	0	W	2	0	4		53	48	m, 0	*	0.02
	Stornoway...	29.80	62	W	2	0	29.79	+0.11	53	51	-4	SW	4	0	4		63	48	0	3.1	-
	Malin Head...	29.91	56	WSW	2	0	29.82	+0.01	56	54	-2	Z	0	0	1		60	50	0	*	-
	Blacksod Pt. ...	29.95	58	WSW	2	7c	29.86	-0.04	57	56	0	SW	3	ogap	3		60	55	7c	*	0.02
	Valencia...	29.96	62	S	1	oam	29.94	-0.04	58	58	-2	W	2	of	4		66	58	o, amā	0.0	0.26
	Roche's Point...	29.99	60	SSW	3	f	29.91	-0.07	61	61	+2	WSW	2	og	3		63	57	o, f	*	0.04
	Birr Castle...	29.94	72	SW	2	C	29.88	-0.04	60	59	-3	WNW	2	0	*		73	58	6c, 5, or	7.0	0.11
BRITISH ISLANDS.	Donaghadee...	29.94	60	WSW	2	7c	29.87	+0.01	54	54	-10	SW	2	+	2		72	52	6c, or	*	0.37
	Liverpool Obsy...	29.96	70	W	3	7	29.91	-0.02	68	64	+1	SSE	2	C	3		73	63	6	*	-
	Holyhead...	29.95	61	SW	3	7	29.89	-0.03	59	58	0	SW	3	f	2		70	58	7	*	-
	Pembroke (St. Ann's Hd.)	30.02	60	SSW	2	f	29.95	-0.04	60	60	+1	SSW	4	f	3		62	58	f	0.0	0.02
	Scilly (St. Mary's)	30.07	65	SSW	2	f	30.00	-0.04	63	63	+4	W	2	f	2		67	58	f	0.0	0.07
	Jersey (St. Aubins)	30.10	65	W	3	7c	30.04	-0.09	61	61	-1	SE	1	0	1		67	59	m, 9, 6cm, f	3.0	-
	Portland Bill...	30.07	61	SW	4	7	30.02	-0.01	59	59	0	SW	2	f	2		63	58	C, f	*	-
	Dungeness...	30.02	62	SW	4	C	30.03	+0.02	58	58	-4	S	3	f	2		67	56	C, f	7.3	-
BRITISH ISLANDS.	Wick...	29.79	56	NW	1	7c	29.84	+0.14	54	51	+2	S	1	6	1		64	45	-	*	0.06
	Nairn...	29.79	65	W	2	C	29.83	+0.13	56	53	-5	E	1	C	1		70	48	-	*	-
	Aberdeen...	29.80	62	ENE	1	C	29.88	+0.13	56	56	-5	E	2	f	1		73	50	7c, C, f	2.5	0.04
	Leith...	29.83	70	WSW	3	7c	29.87	+0.08	56	55	-10	ESE	1	+	*		74	52	7c	*	0.04
	North Shields...	29.86	72	SW	3	C	29.91	+0.08	59	57	-5	SE	2	C	2		75	54	C	*	-
	Spurn Head...	29.91	66	WNW	2	C	29.96	+0.06	62	60	-2	SSE	2	C	2		72	60	-	*	-
	Yarmouth...	29.94	73	Z	0	C	29.97	+0.03	71	66	+5	W	2	7cm	2		77	63	C	*	-
	Clacton-on-Sea...	29.97	77	WSW	3	m, C	30.00	+0.03	68	66	+1	SW	1	7c	0		79	61	C, 7c	4.2	-
BRITISH ISLANDS.	Nottingham...	29.94	74	WNW	2	C	29.96	+0.04	69	66	+1	WSW	1	C	*		79	60	C	4.4	-
	Bath...	30.06	71	SW	3	7	30.00	-0.05	70	66	+6	W	1	C	*		75	64	-	6.2	-
	Oxford...	30.02	68	WSW	2	7	30.00	00	70	66	+5	SW	1	0	*		75	62	C, 2, 7c	*	-
	London (St. James' Park)	29.98	75	WNW	2	7	29.98	-0.01	70	67	+2	Z	0	0	*		78	61	C, 7	6.8	-
	The Scaw (Skagen)	29.87	56	W	5	C	29.87	+0.10	58	57	+2	SW	1	f	0		59	55	*	*	-
	Fanö...	29.95	60	SW	2	0	29.94	-0.05	61	59	+5	SW	2	m	*		63	55	*	*	-
	Cuxhaven...	29.99	67	Z	0	0	29.99	-0.04	64	63	+6	WSW	3	om	*		68	58	*	*	-
	The Helder...	30.00	63	SW	1	7	30.01	+0.01	65	63	+2	WSW	1	7c	1		66	61	*	*	-
BRITISH ISLANDS.	Brussels...	*	*	*	*	*	30.07	+0.01	63	62	0	SW	2	0	*		76	61	*	*	-
	Berlin...	30.02	67	NW	1	7	30.01	-0.05	67	62	+11	WSW	1	0	*		72	56	*	*	-
	Frankfurt...	30.05	68	W	1	C	30.05	-0.05	68	65	+9	W	1	0	*		75	59	*	*	-
	Munich...	30.10	65	SE	3	7	30.06	-0.11	68	65	+9	Z	0	7	*		73	59	*	*	0.08
	C. Gris Nez...	30.05	59	SSW	3	f	30.06	+0.04	58	58	0	SW	2	f	2		64	57	*	*	-
	Brest...	30.10	65	NW	2	m	30.07	-0.06	60	59	-2	Z	0	0	2		68	57	*	*	-
	Lorient...	30.12	68	NW	2	7	30.11	-0.02	63	62	+2	NW	1	0	1		77	55	*	*	-
	Rochefort...	30.01	73	NW	2	7c	29.99	-0.14	68	67	+1	NNE	2	0	*		77	67	7c	*	0.08
BRITISH ISLANDS.	Biarritz...	29.99	74	Z	0	C	30.13	00	70	70	0	WSW	4	0	2		79	68	77, 7c	*	0.08
	Paris...	30.08	77	NE	2	7c	30.07	-0.06	70	67	+4	ENE	1	7	*		80	63	*	*	-
	Belfort...	30.04	74	W	4	C	30.02	-0.08	69	64	+4	E	4	m	*		82	60	*	*	-
	Lyons...	30.02	84	NE	1	7	30.03	-0.10	72	65	-1	N	2	7c	*		90	65	*	*	-
	Nice...	29.96	73	SW	2	7	29.99	+0.02	75	69	+2	Z	0	m	1		86	61	*	*	-
	Perpignan...	29.95	83	Z	0	7c	29.97	-0.09	77	71	0	SW	1	7	*		90	64	*	*	-
	Corunna...	*	*	*	*	*	*	*	*	*	*	*	*	*	*		*	*	*	*	-
	Lisbon...	30.14	66	N	4	7	30.14	+0.08	67	66	-1	N	5	7c	*		81	64	*	*	-
PEN.	Azores (P. Delgada)	30.35	71	WNW	2	7	30.34	+0.05	71	69	0	ESE	1	7c	3		77	68	*	*	0.04
	„ (Horta)	30.34	71	SW	1	7	30.32	+0.05	71	69	+1	SSW	3	0	1		79	70	*	*	-

ES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.3 in., but for Sumburgh Head +0.4 in.; for stations South of Malin Head and North Shields +0.2 in., but for Scilly and Jersey +0.1 in.

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

\* Observations for this column not generally received. † Observations received too late for insertion in Charts on next page.



FOR MONDAY, 23<sup>RD</sup> JULY, 1906

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

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

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

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

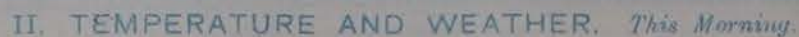
SEA.—Rough  High

*Yesterday morning.*



Amount recorded  
in various districts of the United Kingdom  
during the week ended, Saturday, July 14<sup>th</sup>,  
with the percentage of the average, for the  
corresponding week.

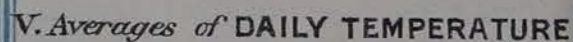
Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



TEMPERATURE.—Isotherms are drawn for each 10°

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

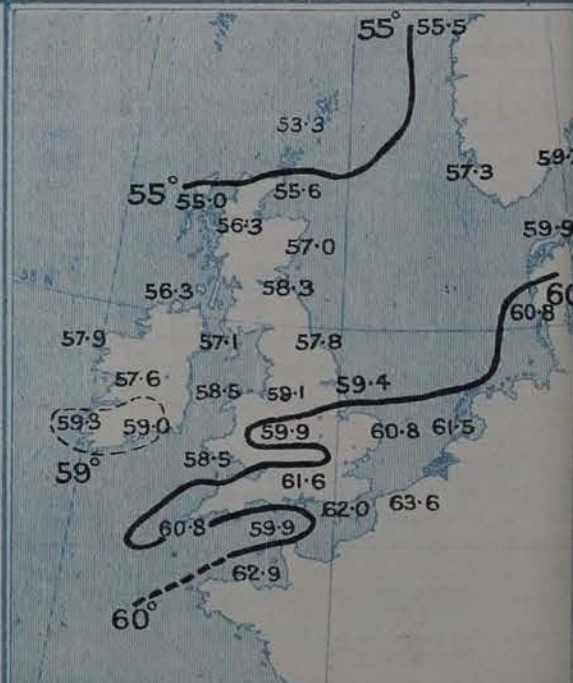
RAINFALL. — (A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0.6)



at 8 A.M. for the monthly period

*JULY - AUGUST*

*(Derived chiefly from Observations  
extending over the 35 Years 1871-1905.)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Pressure continues lowest, 29.8 ins. and less, over the north-eastern part of the Atlantic, but has now become highest, 30.1 ins. and above, over the Spanish Peninsula and the extreme south-west of France. It is still relatively high over Germany and the greater part of France, but a small shallow depression has appeared in the west of the latter country. The changes actually in progress are slight—generally downward in the west and south-west, and upward in the east and north.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind is rather variable in direction and very light in force; it is however, chiefly Westerly and South-Westerly in the west and south of the United Kingdom, and South-Easterly to Easterly along the east coast of Great Britain. Over France there is a tendency for a cyclonic circulation around the shallow disturbance noted above. Temperature has risen at nearly all the Continental stations and in most parts of England, fallen in Scotland, the north of England, and in most parts of Ireland. Over the central and eastern districts of England it is very high, the thermometer marking 71° at Great Yarmouth and 70° in several other places. On the north coast of England, where fog prevails, the readings are slightly below 60°. At most Scotch stations and in the north of Ireland the thermometer stands at about 56°, but in the Shetlands the value is only 50°. On the Continent the highest readings are 77° at Perpignan and 75° at Nice, and the lowest 52° along the west coast of Norway. The weather is fine and bright in most parts of Sweden and at a few other Continental stations. Over our area generally the sky is very cloudy or quite overcast, with rain in various parts of Ireland, at Leith, Skudenes, and Bodø; and with fog at Skagen, Aberdeen, and along the west and south coasts of England. The sea is moderate to very smooth.

During yesterday the thermometer rose to 80° at Skagness, and to nearly 80° in many other parts of England. Rain, generally in slight amounts, has fallen in Ireland and Scotland, as well as at several stations in Scandinavia, and thunderstorms have occurred in the west of France. At some stations in the west there was no bright sunshine, and very little in Scotland and at some of our southern stations. At Hastings, however, there were 10 hours and at Llandudno 9.3 hours.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in pressure are slight, but the decrease which is in progress in the west and south-west is likely to extend eastwards and to give rise to some local showers over England.

## FORECASTS\*

For the 24 hours ending at NOON on 24th July, 1906.

### DISTRICTS.

### FORECASTS.

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

Light winds, chiefly S<sup>ly</sup> to W<sup>ly</sup>;  
some showers; moderate temperature

Light winds, mainly between S. and W.; mostly fair, but local showers not improbable, fog at times on south coast; atmosphere close.

### DISTRICTS.

### FORECASTS.

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

Same as Nos. 0 and 1.

S.W.<sup>ly</sup> and W<sup>ly</sup> winds, light; some rain, then improving

Same as Nos. 2 to 5.

Light or moderate winds between S.W. and N.W.; some showers, fair 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.



## DAILY WEATHER REPORT.

23<sup>rd</sup> July, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...			*			† Brighton ...	67	58	*	1.0	—
Blackpool, to 9 p.m. ...	67	60	o, b, b	4.9	0.07	† Eastbourne, to 6 p.m. ...	66	52	om, b, of	9.5	—
Southport, to 9 p.m. ...	69	61	r, b, b	5.9	0.03	Bexhill-on-Sea, to 9 p.m.					
Rhyl, to 6 p.m. ...	73	62	o, c, o, b	6.2	—	† Hastings ...	*	*	*	10.0	*
Llandudno, to 9 p.m. ...	75	61	b, c	9.3	—	† Folkestone, to 6 p.m. ...	70	58	o, b, c, b	7.0	—
Bettws-y-Coed, to 6 p.m.	71	60	b, c, b	7.0	—	Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m. ...	65	60	o	0.0	—	Margate, to 6 p.m. ...	78	48	o, b, c	2.5	0.01
Aberystwyth, to 6 p.m. ...	66	60	r, c, o	1.0	0.03	Lowestoft, to 6 p.m. ...	79	50	c, o, c	2.0	—
Plymouth, to 9 p.m. ...						Skegness ...	80	62	?	2.9	—
Torquay, to 6 p.m. ...	76	61	*	7.8	—	Scarborough, to 6 p.m. ...	79	55	*	4.3	—
† Bournemouth, to 6 p.m. ...	76	58	*	7.6	—	† Harrogate, to 6 p.m. ...	72	60	c, b, c	4.2	—
Bognor, to 6 p.m. ...	*	*	b, c, b	8.5	*	Darwen, to 9 p.m. ...					
† Worthing ...	67	57	r, o, b, om	6.1	—	Manchester, to 9 p.m. ...	72	62	c, b, c, b	2.5	0.09
						Birmingham, to 9 p.m. ...	76	61	c	6.5	—

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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 1906.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS. 22 <sup>nd</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	Observations not received				Rome ... ..	Observations not received			
Aix-la-Chapelle... ..					Naples ... ..				
Copenhagen ... ..					Malta ... ..				
Oxö (Christiansand)... ..					Geneva 21 <sup>st</sup> July, 1906.	1 p.m.		1 p.m.	Measured
St. Petersburg ... ..					... ..	81	*	0	7 a.m.
Vienna ... ..					Berne ... ..	70	*	0	0.08
Buda-Pesth ... ..					Lucerne ... ..	70	*	0	0.20
Hermanstadt ... ..					Coire... ..	70	*	0	0.35
Trieste ... ..					St. Gotthard ... ..	50	*	6	0.24
Florence ... ..					Lugano ... ..	88	*	6	—

## 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 Observations Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Observations Greenwich Times.	23 <sup>rd</sup> July 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ... ..	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*				
Holland ... ..	7 a.m. ( " " )	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Yarmouth ... ..	4.0	11.59	7.58
Germany, Denmark, } Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.12	12.6	8.0
Belgium ... ..	7 a.m. (West European)	7 a.m.	Not published	—	Wick ... ..	3.45	12.18	8.51
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.	Valencia ... ..	4.50	12.47	8.44
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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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Tuesday, Meteorological Office, London. 24th July,

1906.

STATIONS.		YESTERDAY EVENING. (See note on last page.)					THIS MORNING. (See note on last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
		At 32° Fahr. 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.	Weather.	Sun- shine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°						°	°		Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.91	57	Z	0	6	30.02	+21	63	55	+4	Z	0	6	*		70	46	*	*	-
	Hernösand...	29.93	54	SSW	2	6	30.02	+15	60	56	+2	S	2	6	*		66	48	*	*	-
	Stockholm...	29.95	59	SSW	2	6	29.99	+10	66	59	+3	ESE	2	6	*		73	54	*	*	-
	Wisby...	29.94	57	S	2	6	29.97	+05	63	59	+4	SSE	4	6	*		63	54	*	*	-
	Karlstad...	29.90	62	Z	0	6c	29.92	+04	62	60	+4	Z	0	6	*		63	54	*	*	-
	Færder (X'ania Fjord)	29.85	59	SSE	3	f	29.83	+01	58	56	-4	S	4	0	2		63	57	*	*	-
	Bodö...	29.91	54	SW	2	c	29.96	+16	58	52	+6	E	4	6	2		58	45	*	*	-
	Christiansund...	29.91	53	W	2	0	29.77	-03	55	53	+3	ESE	5	0	4		59	46	*	*	0.04
SCANDINAVIA.	Skudesnaes...	29.91	55	NW	2	6	29.75	-13	56	54	+3	SE	4	0	2		59	50	6	*	-
	Sumburgh Head	29.77	51	SSE	4	+	29.72	-09	53	51	+3	W	3	0	4		56	48	c, r	*	0.19
	Stornoway...	29.73	58	W	4	6	29.76	-03	52	52	-1	WSW	3	0	3		59	49	0, b, c	4.4	0.04
	Malin Head...	29.83	57	W	4	6	29.88	+06	55	54	-1	W	3	0	4		60	52	+, b, c	*	0.05
	Blacksod Pt. ...	29.92	59	WSW	4	6c	29.96	+10	55	51	-2	WSW	3	cgm	3		60	51	+, b, c	*	0.07
	Valencia...	30.03	60	W	4	6c	30.07	+13	58	52	0	WSW	2	0	4		62	53	6c	9.1	0.01
	Roche's Point...	29.99	63	NNW	4	6	30.08	+17	56	53	-5	S	3	6	3		67	48	bep, b	*	-
	Birr Castle...	29.94	62	SW	3	6	30.04	+16	56	53	-4	SSW	3	0	*		65	49	c, b, p	5.7	0.01
BRITISH ISLANDS.	Donaghadee...	29.85	56	NW	1	0	29.97	+10	52	51	-2	SW	2	0	1		67	46	bcm, o	*	0.06
	Liverpool Obsy...	29.88	62	W	3	p	30.01	+10	56	53	-12	W	3	6c	2		82	50	c, p, r	*	0.05
	Holyhead...	29.87	60	SW	2	cgm	30.01	+12	60	56	+1	WNW	3	6	2		61	51	f, p, cgm	*	0.05
	Pembroke (St. Ann's Hd.)	29.95	59	WSW	5	6c	30.07	+12	56	54	-4	NW	3	6	2		61	54	q, c, b, c	3.2	-
	Scilly (St. Mary's)...	30.02	62	W	1	0	30.12	+12	59	56	-4	NNW	2	6c	2		64	58	+, f, o	2.3	0.11
	Jersey (St. Aubins)...	30.02	67	WNW	3	6	30.08	+04	64	59	+3	NNW	3	6c	3		72	58	c, f, p, cgm	5.8	0.01
	Portland Bill...	29.96	60	SW	4	0	30.04	+02	61	57	+2	NW	3	6	3		64	57	f, c	*	-
	Dungeness...	29.96	63	SW	3	6c	29.96	-07	63	61	+5	NW	2	0	1		64	58	f, b, c	9.8	-
BRITISH ISLANDS.	Wick...	29.71	56	Z	0	0	29.77	-07	54	51	0	SW	2	0	1		64	45	-	*	0.02
	Nairn...	29.76	57	W	1	0	29.81	-02	56	51	0	WSW	2	0	1		65	46	-	*	-
	Aberdeen...	29.77	57	S	2	0	29.85	-03	60	53	+4	WSW	2	0	1		64	47	c, p, o, r, b	2.7	0.05
	Leith...	29.77	60	W	1	0	29.89	+02	58	53	+2	WSW	3	6c	*		61	50	c, o	*	0.03
	North Shields...	29.76	68	W	3	ap	29.93	+02	58	53	-1	W	3	6	2		70	46	c, r	*	0.08
	Spurn Head...	29.81	72	SW	4	6c	29.95	-01	58	54	-4	NW	4	6	2		78	59	z, p, b, c	*	-
	Yarmouth...	29.88	69	S	3	6	29.93	-04	61	57	-10	NW	3	0	3		71	61	b, c, b	*	-
	Clacton-on-Sea...	29.91	69	S	3	6	29.96	-04	60	55	-8	NW	3	0	2		71	60	b, c, o	10.7	-
GERMANY, &c.	Nottingham...	29.86	71	WSW	3	0	29.99	+03	62	56	-7	WNW	1	6	*		80	53	c, p, c	5.7	-
	Bath...	29.96	66	SW	4	0	30.06	+06	59	54	-11	N	1	6	*		77	55	-	6.0	-
	Oxford...	29.94	66	WSW	2	6	30.03	+03	60	53	-10	NNW	2	6	*		78	54	c, p, b, c, b, c	*	0.03
	London (St. James' Park)	29.91	76	SW	4	6	29.99	+01	64	59	-6	NNW	3	6c	*		78	60	c, b, c	8.2	-
	The Scaw (Skagen)	29.89	57	W	1	6	29.90	+03	57	55	-1	SW	1	0	0		68	50	*	*	-
	Fanö...	29.97	58	WNW	2	0	29.91	-03	61	59	0	SE	2	0	*		66	55	*	*	-
	Cuxhaven...	29.98	68	NW	2	6	29.91	-08	64	63	0	S	1	6	*		72	54	*	*	-
	The Helder...	29.96	67	WSW	1	6	29.91	-10	63	61	-2	WNW	1	0	1		72	61	*	*	-
FRANCE.	Brussels...	*	*	*	*	*	29.94	-13	63	62	0	WSW	1	+	*		79	62	*	*	0.04
	Berlin...	29.98	73	Z	0	0	29.92	-09	72	67	+5	Z	0	0	*		77	64	*	*	-
	Frankfurt...	29.96	69	E	1	6	29.93	-12	68	64	0	NE	2	6	*		82	61	*	*	-
	Munich...	29.96	70	NNE	1	6	29.91	-15	69	66	+1	W	2	6c	*		79	61	*	*	-
	C. Gris Nez...	29.99	63	WSW	1	6	29.98	-08	60	60	+2	SSW	1	f	1		66	57	*	*	-
	Brest...	30.03	66	W	3	m	30.09	+02	58	57	-2	N	4	6	3		72	55	*	*	0.04
	Lorient...	30.01	68	NW	4	6	30.07	-04	60	59	-3	N	3	0	1		79	55	*	*	-
	Rochefort...	30.03	69	WNW	3	0	30.06	+07	64	64	-4	NW	3	m	*		77	63	6c	*	0.24
SPAN. PEN.	Biarritz...	*	*	*	*	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*
	Paris...	29.96	76	ENE	2	0	29.98	-09	64	64	-6	NNW	2	0	*		88	64	*	*	0.67
	Belfort...	29.90	81	E	4	6c	29.90	-12	69	64	0	W	3	0	*		84	64	*	*	-
	Lyons...	29.98	74	NW	1	0	29.96	-07	70	65	-2	W	1	6	*		92	67	*	*	-
	Nice...	29.93	75	W	1	0	29.85	-14	74	70	-1	Z	0	0	2		82	66	*	*	-
	Perpignan...	29.95	81	NW	3	0	30.00	+03	75	66	-2	NW	4	6c	*		90	71	*	*	-
	Corunna...	*	*	*	*	*	*	*	*	*	*	*	*	*	*		*	*	*	*	-
	Lisbon...	30.11	67	NNW	5	6c	30.09	-05	69	64	+2	N	5	6	*		77	64	*	*	-
SPAN. PEN.	Azores (P. Delgada)...	30.29	71	WNW	1	6	30.21	-13	71	69	0	WSW	2	6	2		75	68	*	*	-
	„ (Horta)...	30.29	69	Z	0	6	30.21	-11	69	66	-2	Z	0	0	1		79	63	*	*	-

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) The Sunshine for London given in this Table is recorded on the Terrace 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, 24<sup>TH</sup> JULY, 1906.

## 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





## GENERAL SITUATION AT 8 A.M.

A large shallow depression of the "V-shaped" type has reached the North Sea and its neighbourhood from the westward, and the barometer is rising again over Great Britain. The lowest reading reported is 29.72 ins. in the Shetlands, and the highest values are 30.12 ins. at the Scilly Isles, and 30.02 ins. in the north of Sweden. The upward movement of the barometer appears to have ceased in the west of Ireland.

The circulation of the wind both in the front and rear of the depression is fairly distinct, but in Ireland the wind has again backed to the South-Westward. The Easterly current blows freshly in the west of Norway, but over our area as a whole the wind has very little force. The shift of wind to the North-Westward over England has been accompanied by a decided fall of temperature, the highest readings now reported being 64° in London and 63° at Dungeness. The lowest readings over the United Kingdom are 53° at Dumburgh Head, and 52° at Altnoway and Donaghadee. On the Continent the thermometer marks 70° at Lyons, 69° at Munich, 66° at Stockholm, and 63° at Staparanda, but at Christiansund it stands at 55°. The weather is fair or fine in nearly all parts of the United Kingdom, France, Germany and Sweden; in Denmark and Norway, however, the sky is generally overcast. Fog is reported at Cape Gris Nez, but appears to have dispersed elsewhere. The sea is moderate off our extreme western and north-western coasts, slight or smooth generally.

During yesterday the thermometer rose to 82° at Liverpool, 81° at Margate, and 80° at Nottingham, but at Brighton, where the weather was foggy, the maximum was only 63°. Showers have fallen except in the south and south-east, and thunderstorms have occurred at Manchester, Harrogate and Spurn Head. The duration of bright sunshine varied considerably; at some Welsh stations there was none and at Brighton only 0.1 hour, while at Eastbourne there were 10.6 hours, at Lowestoft 11 hours, and at Margate 12 hours.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the North Sea will probably move away to the Continent and be followed over these Islands by an anticyclonic ridge, and finally by further depressions from the Atlantic. Fine weather is likely over the greater part of this country during the ensuing 24 hours, with a less humid atmosphere and lower temperature than of late.

## FORECASTS\*

For the 24 hours ending at NOON on 25<sup>TH</sup> JULY, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	{ S.W. <sup>ly</sup> winds, light; changeable, some showers.	6 { SCOTLAND WEST	Same as No. 0.
1 { SCOTLAND EAST	{ W. <sup>ly</sup> to S.W. <sup>ly</sup> winds, light; fair generally, local showers; warm.	7 { ENGLAND N.W.	{ W. <sup>ly</sup> to S.W. <sup>ly</sup> or S. <sup>ly</sup> winds, light; fair or fine, moderate temperature.
2 { ENGLAND N.E.	{ N.W. <sup>ly</sup> to W. <sup>ly</sup> or S.W. <sup>ly</sup> winds, light; fine generally, temperature about normal.	8 { ENGLAND S.W.	Same as Nos. 2 to 5.
3 { ENGLAND EAST		9 { IRELAND NORTH	{ S.W. <sup>ly</sup> and S. <sup>ly</sup> winds, light or moderate; fair as a whole, some local showers in west.
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH		WARNINGS	NONE ISSUED.

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

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

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



## DAILY WEATHER REPORT.

24<sup>TH</sup> JULY, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	69	46	*	5.4	0.01	† Brighton ...	63	59	*	0.1	0.01
Blackpool, to 9 p.m. ...	70	57	op, c, o	1.4	0.02	† Eastbourne, to 6 p.m. ...	71	57	om, bc	10.6	—
Southport, to 9 p.m. ...	72	58	o, c, o, e	3.3	—	Bexhill-on-Sea ...	66	57	b, f	6.5	—
† Rhyl, to 6 p.m. ...	73	62	b, bc, b	3.1	0.01	† Hastings ...	*	*	*	9.8	*
Llandudno, to 6 p.m. ...				4.2		† Folkestone, to 6 p.m. ...	71	57	f, b, f, b	9.2	—
Bettws-y-Coed, to 6 p.m. ...						Broadstairs, to 6 p.m. ...	*	*	*	12.6	*
Towyn, to 6 p.m. ...	66	61	r, o, d, o	0.0	0.19	† Margate, to 6 p.m. ...	81	60	b	12.0	—
Aberystwyth, to 6 p.m. ...	66	60	r, o, r	0.0	0.13	† Lowestoft, to 6 p.m. ...	72	61	c, o, c, b, c	11.0	—
Plymouth, to 9 p.m. ...	70	59	o d, f, op	1.2	0.10	† Skegness ...	79	59	bc	7.2	—
Torquay, to 6 p.m. ...	73	62	*	9.0	—	Scarborough, to 6 p.m. ...	78	60	*	5.5	0.03
† Bournemouth, to 6 p.m. ...	74	62	*	8.2	—	† Harrogate, to 6 p.m. ...	73	58	o, c, b, b, b	3.8	0.25
† Bognor, to 6 p.m. ...	*	*	om, c, bc, m	5.5	*	Darweb, to 9 p.m. ...	70	58	bc, om, omg	1.5	0.13
† Worthing ...	67	59	m, o, c, b	5.1	—	Manchester, to 9 p.m. ...	73	59	tl, p, r, bc	3.5	0.19
						Birmingham, to 9 p.m. ...	76	61	c	3.1	—

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER	RAIN. — Ins.	STATIONS. 23 <sup>rd</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	70	61	c, f	—	Rome ...	89	68	b, b	—
Aix-la-Chapelle ...	73	63	r, b	0.08	Naples ...	79	70	b, b	—
Copenhagen ...	63	52	b, m	?	Malta ...	85	72	bc	—
Oxö (Christiansand) ...	55	52	o, o	—	Geneva 22 <sup>nd</sup> July, 1906	1 p.m.		1 p.m.	Measured
St. Petersburg ...	70	52	c, o	—	Berne ...	Observations not received.			a.m.
Vienna ...	73	63	b, o	—	Lucerne ...	*			
Buda-Pesth ...	75	59	bc, b	—	Coire ...	*			
Hermanstadt ...	68	52	o, bc	—	St. Gotthard ...	*			
Trieste ...	84	72	b, b	—	Lugano ...	*			
Florence ...	93	70	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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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, 1906.	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

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Wednesday,

Meteorological Office, London.

25th July,

1906.

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.	Rainfall.
		At 82° Fahr. and M.S.L.	Dry Bulb.						At 82° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.					Max.	Min.			
		Ins.	"	Dir.					Ins.	Ins.	"	"	"	"	"				"	"			
SCANDINAVIA.	Haparanda...	30.03	61	WSW	2	b	30.08	+0.6	62	59	-1	N	2	c	*	75	55	*	*	*	-		
	Hernösand...	30.04	54	Z	0	b	30.06	+0.4	62	55	+2	NE	2	b	*	68	50	*	*	*	-		
	Stockholm...	30.02	60	S	2	b	30.02	+0.3	65	56	-1	Z	0	b	*	70	54	*	*	*	-		
	Wisby...	30.00	59	Z	0	b	30.01	+0.4	63	59	0	ESE	2	b	*	66	55	*	*	*	-		
	Karlstad...	29.94	62	Z	0	o	29.96	+0.4	66	59	-2	S	2	Y	*	*	*	*	*	0.51			
	Færder (X'ania Fjord)	29.91	59	Z	0	o	29.92	+0.9	61	59	+3	SSW	2	o	1	61	55	*	*	*	0.04		
	Bodö...	29.90	63	E	2	c	30.08	+1.2	56	54	-2	Z	0	c	1	68	52	*	*	*	-		
	Christiansund...	29.89	55	NE	2	c	29.98	+2.1	51	51	-4	N	3	Y	3	55	48	*	*	*	0.32		
Skudesnaes...	29.93	54	NW	4	o	30.04	+2.9	53	51	-3	Z	0	b	2	57	48	o	*	*	0.04			
BRITISH ISLANDS.	Sumburgh Head	29.83	52	SW	1	o	29.98	+2.6	52	51	-1	W	2	c	2	56	47	c, o	*	*	0.03		
	Stornoway...	29.81	52	W	2	o	29.99	+1.23	52	50	0	SW	2	c	2	58	41	o, p, o	4.6	*	0.11		
	Malin Head...	29.92	56	SW	4	c, p	30.03	+1.5	54	52	-1	SW	1	o	4	62	52	b, c, p	*	*	0.05		
	Blacksod Pt. ...	29.99	59	SW	4	b, g	29.98	+0.2	60	56	+5	SSE	4	c	4	61	52	b, p, g, b, g	*	*	0.05		
	Valencia...	30.08	60	SW	1	c, p	29.99	-0.8	60	57	+2	SSE	3	b, c	4	63	55	c, c, p	5.5	*	0.03		
	Roche's Point...	30.09	60	SW	3	c	30.09	+0.1	60	58	+4	SSE	3	c	3	64	52	c	*	*	-		
	Birr Castle...	30.02	61	SW	3	c	30.07	+0.3	57	55	+1	S	2	b	*	62	50	c, p, c	3.9	*	0.01		
	Donaghadee...	29.99	62	SW	3	c	30.11	+1.4	54	53	+2	SSE	2	c	1	62	48	b, c, m, c	*	*	-		
	Liverpool Obsy...	30.05	62	W	3	b	30.15	+1.4	63	56	+7	SE	2	b	1	63	53	b	*	*	-		
	Holyhead...	30.06	56	SW	3	c, m	30.12	+1.1	59	57	-1	SSW	3	b, c	2	64	53	b, c, m	*	*	-		
	Pembroke (St. Ann's Hd.)	30.10	58	W	3	b	30.13	+0.6	57	56	+1	SE	3	b, c	2	60	53	b, c	14.7	*	-		
	Scilly (St. Mary's)...	30.15	64	WNW	1	b, c	30.14	+1.02	60	54	+1	SE	1	b, w	1	65	58	b, b, c, b	13.4	*	-		
	Jersey (St. Aubins)...	30.13	64	WNW	4	b	30.16	+0.8	64	59	0	ENE	2	b	2	68	56	c, m, b, m, w	12.6	*	-		
	Portland Bill...	30.07	61	W	4	b, c	30.16	+1.2	60	55	-1	NE	4	b	2	62	54	b, b, c	*	*	-		
	Dungeness...	30.02	61	SE	1	c	30.16	+1.20	63	58	0	NE	2	b	1	69	49	o, c	6.4	*	-		
	Wick...	29.84	53	W	1	o	30.01	+2.4	55	52	+1	W	1	b	1	62	45	-	*	*	0.08		
Nairn...	29.86	57	W	2	b, c	30.03	+2.2	56	51	0	WSW	1	b, c	1	62	45	-	*	*	-			
Aberdeen...	29.88	62	WSW	2	b, c	30.08	+2.3	59	52	-1	SW	1	b	1	66	43	c, b, c, b	9.0	*	0.01			
Leith...	29.94	59	WSW	3	b, c	30.09	+2.0	61	56	+3	WSW	2	b, c	*	65	48	b, b, c	*	*	0.03			
North Shields...	29.97	63	W	3	c	30.12	+1.9	58	54	0	SW	2	b, c	2	67	48	c	*	*	-			
Spurn Head...	30.00	60	SE	3	c	30.15	+2.0	60	56	+2	WNW	2	b, c	2	66	54	b, c, m	*	*	-			
Yarmouth...	30.01	64	NE	4	b	30.15	+2.2	61	55	0	N	3	b	3	67	54	b, c, b	*	*	-			
Clacton-on-Sea...	30.03	62	E	2	b, c	30.18	+2.2	62	55	+2	NE	2	b, c	1	69	53	o, c, b, c	4.8	*	-			
Nottingham...	30.03	64	WNW	2	b, c	30.16	+1.7	61	56	-1	SW	1	b	*	71	45	b, c	12.4	*	-			
Bath...	30.09	63	W	3	b	30.19	+1.3	55	52	-4	NE	1	b	*	68	45	-	11.8	*	-			
Oxford...	30.08	62	NW	1	b	30.19	+1.6	61	54	+1	NW	1	b	*	72	48	b	*	*	-			
London (St. James' Park)	30.02	69	NW	2	b	30.14	+1.8	62	56	-2	NE	1	b	*	72	54	b, c, b	11.6	*	-			
GERMANY, & C.	The Scaw (Skagen)	29.91	60	Z	0	o	29.97	+0.7	57	55	0	W	2	o	0	60	57	*	*	*	0.08		
	Fanö...	29.97	57	NW	2	o	30.10	+1.9	58	57	-3	NW	4	b	*	64	54	*	*	*	0.04		
	Cuxhaven...	29.92	65	NW	2	o	30.09	+1.8	59	57	-5	N	4	o	*	72	57	*	*	*	0.04		
	The Helder...	30.02	60	N	2	c	30.17	+2.6	62	57	-1	N	1	b	1	66	57	*	*	*	-		
	Brussels...	*	*	*	*	*	30.17	+2.3	57	55	-6	NE	2	o	*	68	54	*	*	*	0.47		
	Berlin...	29.87	76	Z	0	o	29.97	+0.5	64	62	-8	NW	2	Y	*	82	63	*	*	*	-		
	Frankfurt...	29.91	71	NW	3	o	30.01	+0.8	67	64	-1	NW	3	o	*	84	61	*	*	*	0.24		
Munich...	29.84	68	SW	4	o	29.93	+0.2	67	65	-2	W	3	o	*	81	63	*	*	*	-			
FRANCE.	C. Gris Nez...	30.06	64	E	1	b	30.15	+1.7	60	58	0	E	1	b	0	66	54	*	*	*	-		
	Brest...	30.14	63	N	4	b, c	30.14	+0.5	60	55	+2	ENE	3	b	2	66	50	*	*	*	-		
	Lorient...	30.09	70	NE	4	b	30.16	+0.9	58	56	-2	ENE	3	b	1	77	54	*	*	*	-		
	Rochefort...	30.05	67	WNW	2	b	30.07	+0.1	64	60	0	NE	2	c	*	72	63	o, b	*	*	-		
	Biarritz...	30.09	72	W	1	b, c	30.08	0.0	68	68	+1	ENE	1	c	*	73	64	*	*	*	-		
	Paris...	30.03	70	NNE	3	o	30.15	+1.7	59	55	-5	NE	2	b	*	76	53	*	*	*	-		
	Belfort...	29.86	68	W	4	Y	29.99	+0.9	65	62	-4	W	4	o	*	81	63	*	*	*	0.08		
Lyons...	29.95	68	WNW	2	c	30.02	+0.6	66	62	-4	N	2	o	*	84	64	*	*	*	0.20			
Nice...	29.81	71	SW	1	f	29.83	-0.2	68	66	-6	E	1	Y	2	86	64	*	*	*	0.04			
Perpignan...	29.95	78	NW	5	o	29.99	-0.1	76	68	+1	W	3	b	*	87	71	*	*	*	-			
SPAN. PEN.	Corunna...																						
	Lisbon...	30.03	68	N	4	b	30.01	-0.8	71	65	+2	NNW	4	b	*	79	61	*	*	*	-		
	Azores (P. Delgada)...	30.10	71	WSW	4	b, c	30.02	-1.9	72	70	+1	WSW	4	c	4	75	70	*	*	*	-		
" (Horta)...	30.05	72	SW	4	c	29.97	+2.4	71	69	+2	SW	3	c	1	77	69	*	*	*	0.20			

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) 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, 25<sup>TH</sup> JULY, 1906.

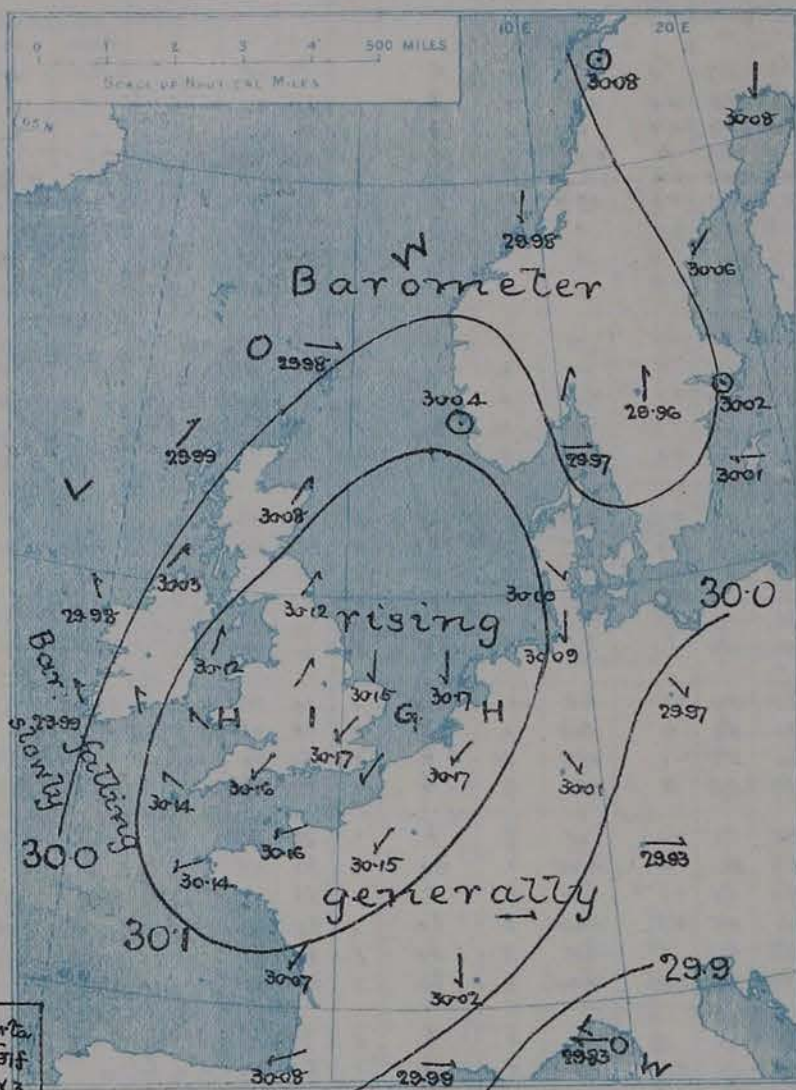
## I. BAROMETER, WIND AND SEA. This Morning.

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, July 21<sup>st</sup>, with the percentage of the average amount for the corresponding week.

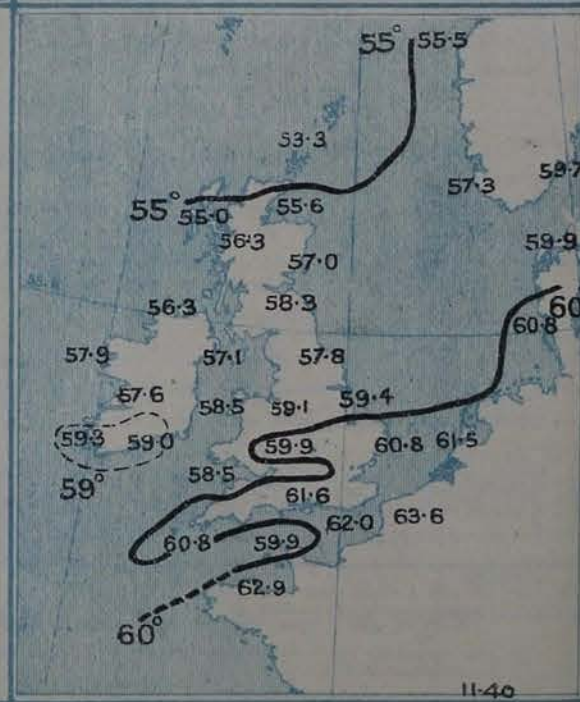


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JULY - AUGUST

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

**PRESSURE** Since yesterday morning the barometer has risen steadily in almost all parts of our area, and a well defined anticyclone, with readings above 30 ins., now covers England, the Channel, the north of France, the Low Countries and the greater part of the North Sea. Pressure is lowest over the Gulf of Genoa and its neighbourhood, the reading at Nice being 29.83 ins., and relatively low in a shallow disturbance having its minimum near Christiania.

**WIND** The circulation of the wind around the high pressure system is very well marked; light breezes from the Southward and South-Westward prevail over our western and northern districts, North-Westerly and Northerly breezes over Denmark and Germany, and a light North-Easterly current over the south of England and the major portion of France. Temperature has changed little and irregularly over this country, and now ranges from 64° at Jersey, and 63° at Dungeness and Liverpool, to 55° at Bath, and to 52° at Stormoway and Lumburgh Head. At many stations on the Continent the thermometer has fallen; the highest reading reported is 76° at Perpignan, and the lowest 51° at Christiansund. The sky is nearly cloudless within the region of highest pressure, but overcast in Germany and the east and south-east of France, with rain at Berlin and Nice. Much rain is also reported in the vicinity of the Norwegian disturbance, and at Christiansund and Karlskred. The sea is moderate off the west of Ireland, slight or smooth elsewhere.

**TEMPERATURE** The highest temperature reported over these Islands yesterday was 74° at Brighton; in many parts of Germany and France the thermometer rose to above 80°. The highest value reported being 87° at Perpignan. Bright sunshine was very abundant over the United Kingdom generally, but only moderate amounts were recorded at some stations in Ireland and the south-east of England. Rain, generally slight, has fallen in the extreme north and west of these Islands, and also in several Continental localities.

**WEATHER**

**AND**

**SEA**

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone seems likely to extend or move slowly towards the Continent. Our extreme west coasts may be affected by low pressure systems over the Atlantic, but the weather in the United Kingdom generally will continue fine, with an increase of temperature in many parts of Great Britain.

## FORECASTS\*

For the 24 hours ending at NOON on 26<sup>TH</sup> JULY, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S.W. and S. or S.E. winds, light; fine generally; rather warmer.	6 { SCOTLAND WEST	Same as Nos 0 and 1.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.	Light winds, mainly between N.E. and S.E.; very fine; temperature again becoming high, especially inland and on South coast.	8 { ENGLAND S.W.	S. or S.E. winds of little force; fine and warm generally.
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	S. or S.E. winds, light or moderate to fresh; fine, then becoming unsettled, with some rain in west.
5 { ENGLAND SOUTH			
		WARNINGS	NONE ISSUED.

\* 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.



## DAILY WEATHER REPORT.

25<sup>TH</sup> JULY, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	61	48	*	2.0	0.01	† Brighton ...	74	58	*	12.6	-
Blackpool, to 9 p.m. ...	62	57	c	12.3	-	† Eastbourne, to 6 p.m. ...	72	58	bc, b, bc	11.0	-
Southport, to 9 p.m. ...	63	55	c, b, c	12.7	-	Bexhill-on-Sea, ...	70	59	b	9.5	-
Rhyl, to 6 p.m. ...	67	54	bc, b, bc	13.2	-	† Hastings ...	*	*	*	9.3	*
Llandudno, to 6 p.m. ...				9.3		† Folkestone, to 6 p.m. ...	70	59	o, bc, b	6.4	-
Bettws-y-Coed, to 6 p.m. ...	64	49	bc, b	8.8	-	Broadstairs, to 6 p.m. ...	*	*	*	5.9	*
Towyn, to 6 p.m. ...	63	54	bc, b, bc	12.5	-	Margate, to 6 p.m. ...	69	62	o, b	5.7	-
Aberystwyth, to 6 p.m. ...	62	55	c, b	12.0	-	† Lowestoft, to 6 p.m. ...	68	59	f, b, c, b	8.5	-
Plymouth, to 9 p.m. ...	67	52	bc	13.3	-	† Skegness ...	65	55	b, bc	13.5	-
Torquay, to 6 p.m. ...	69	53	*	12.9	-	Scarborough, to 6 p.m. ...	71	52		10.7	-
† Bournemouth, to 6 p.m. ...	73	55	*	13.7	-	† Harrogate, to 6 p.m. ...	68	46	c, bc	13.0	-
Bognor, to 6 p.m. ...	*	*	b	13.1	*	Darwen, to 9 p.m. ...	63	49	bc, o, bc, v	11.3	0.02
† Worthing ...	73	57	b, c, b	12.1	-	Manchester, to 9 p.m. ...	64	52	bc	10.5	-
						Birmingham, to 9 p.m. ...	68	52	c	10.5	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 24 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	77	61	b, o	-	Rome ...	90	68	b, b	-
Aix-la-Chapelle ...	79	61	b, b	-	Naples ...	86	69	b, b	-
Copenhagen ...	70	57	m, m	-	Malta ...	84	71	c	-
Oxö (Christiansand) ...	59	50	b, o	-					
St. Petersburg ...	?	54	o, o	0.20	Geneva 23 <sup>rd</sup> July, 1906. 1 p.m.	79	*	bc	Measured 7 a.m.
Vienna ...	75	66	o, b	-	Berne ...	84	*	bc	-
Buda-Pesth ...	84	63	b, b	-	Lucerne ...	82	*	b	-
Hermanstadt ...	75	50	b, b	-	Coire ...	81	*	b	-
Trieste ...	84	70	b, c	-	St. Gotthard ...	64	*	b	-
Florence ...	93	69	m, m	-	Lugano ...	86	*	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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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.

25 <sup>th</sup> July, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	4.3	11.59	7.54
Greenwich ...	4.14	12.6	7.58
Wick ...	3.49	12.18	8.47
Valencia ...	4.54	12.47	8.41

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Thursday,

Meteorological Office, London.

26th July,

1906.

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.	Rainfall.			
		At 32° Fahr. 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.		
SCANDINAVIA.	Haparanda...	Ins.					Ins.	Ins.									Hours.	Ins.			
	Hernösand ...	29.97	68	Z	0	b	29.99	-0.09	67	63	+5	Z	0	c	*	86	52	*	-		
	Stockholm ...	29.97	62	Z	0	b	29.97	-0.09	64	56	+2	NNW	6	b	*	70	52	*	-		
	Wisby...	29.98	63	SW	2	o	29.99	-0.03	60	58	-5	NW	2	o	*	75	53	*	0.04		
	Karlstad ...	30.01	69	W	2	o	30.01	0.00	60	57	-3	W	4	bc	*	63	50	*	0.04		
	Færder (X'ania Fjord)	30.00	61	Z	0	b	30.00	+0.14	57	53	-3	NNW	4	o	*	*	*	7.3	0.47		
	Bodö ...	29.99	63	Z	0	b	30.16	+0.24	59	53	-2	N	5	b	2	63	57	*	-		
	Christiansund ...	30.00	57	Z	0	b	30.22	+0.14	53	51	-3	W	1	c	1	57	50	*	0.28		
BRITISH ISLANDS.	Skudesnaes ...	30.16	55	W	3	r	30.29	+0.31	55	51	+4	W	2	o	4	55	50	*	0.51		
	Sumburgh Head	30.18	56	NNW	4	b	30.23	+0.19	55	54	+2	NNW	2	b	1	59	50	b	-		
	Stornoway ...	30.09	54	W	1	b	30.11	+0.13	53	52	+1	SE	4	b	4	57	47	c, b	-		
	Malin Head ...	30.00	61	S	2	o	29.88	-0.15	60	54	+8	SE	4	b	4	61	52	b, o	7.3		
	Blacksod Pt. ...	29.89	63	W	4	c	29.70	-0.33	55	52	+1	W	4	bc	3	67	52	b, c	-		
	Valencia ...	29.80	65	S	5	bc	29.61	-0.37	57	56	-3	SE	6	rgm	5	66	56	bc	0.02		
	Roche's Point ...	29.82	63	SSE	6	bc	29.65	-0.34	60	59	0	SSE	4	rm	5	66	58	c, bc, r	12.5		
	Birr Castle ...	29.96	60	S	4	bc	29.75	-0.34	59	58	-1	SE	4	om	4	64	56	bc	-		
Donaghadee ...	29.95	63	S	2	c	29.74	-0.33	62	54	+5	S	5	bg	*	68	54	c	7.0			
GERMANY, & C.	Liverpool Obsy...	30.05	59	S	4	bc	29.89	-0.22	56	54	+2	SE	5	b	4	61	54	bc, gm	-		
	Holyhead ...	30.06	68	ESE	3	c	29.98	-0.17	62	56	-1	ESE	3	b	2	72	53	gm, c	-		
	Pembroke (St. Ann's Hd.)	30.05	61	Z	0	cm	29.88	-0.24	67	60	+8	SE	3	b	2	67	54	c, cm	-		
	Scilly (St. Mary's) ...	30.03	62	SE	4	bc	29.85	-0.28	60	58	+3	SE	6	bc	5	63	56	bc	14.0		
	Jersey (St. Aubins) ...	30.02	62	ESE	4	b	29.83	-0.31	63	60	+3	SSE	1	bw	2	66	59	b	14.2		
	Portland Bill ...	30.05	73	ENE	5	b	29.91	-0.25	67	62	+3	E	3	b	3	78	59	b, gm	14.3		
	Dungeness ...	30.07	60	E	4	b	29.92	-0.24	61	59	+1	ENE	5	b	5	64	59	b	-		
	Wick ...	30.13	63	NE	4	bc	30.01	-0.15	62	58	-1	E	4	b	3	66	56	bc	12.5		
FRANCE.	Nairn ...	30.06	53	S	1	bc	29.99	-0.02	54	53	-1	SE	2	b	2	62	50	-	-		
	Aberdeen ...	30.04	61	E	2	bc	29.95	-0.08	63	57	+7	ESE	1	b	1	66	48	-	-		
	Leith ...	30.10	59	SSW	2	bc	30.06	-0.02	58	55	-1	SSE	3	b	2	64	51	c, bc, b	8.7		
	North Shields ...	30.07	62	E	2	b	30.00	-0.09	66	57	+5	SE	2	b	*	67	54	-	-		
	Spurn Head ...	30.09	59	ESE	3	c	30.06	-0.06	58	54	0	SE	3	c	3	66	50	c	-		
	Yarmouth ...	30.10	60	ESE	4	c	30.06	-0.09	59	58	-1	ESE	4	c	3	66	58	c	-		
	Clacton-on-Sea ...	30.10	63	E	4	b	30.08	-0.07	61	57	0	SE	5	bc	4	67	59	bc, b	-		
	Nottingham ...	30.16	62	ENE	3	bc	30.06	-0.12	63	58	+1	E	4	b	3	66	60	bc, b	11.7		
SPAN. PEN.	Bath ...	30.12	69	SE	2	b	30.03	-0.13	64	60	+3	ESE	2	b	*	74	46	b	12.6		
	Oxford ...	30.08	72	SE	1	b	29.96	-0.23	61	55	+6	ESE	3	b	*	74	54	-	12.7		
	London (St. James' Park)	30.10	65	ESE	3	b	30.00	-0.19	65	58	+4	ESE	2	b	*	74	50	b	-		
	The Scaw (Skagen)	30.11	68	ESE	4	b	30.01	-0.16	65	58	+3	E	3	b	*	72	57	b, c, b	11.3		
	Fanö ...	30.05	57	WNW	4	b	30.14	+0.17	59	54	+2	NNE	3	b	1	63	55	*	-		
	Cuxhaven ...	30.22	53	NW	2	b	30.22	+0.12	58	57	0	NW	3	b	*	63	50	*	-		
	The Helder ...	30.19	63	N	3	b	30.21	+0.12	58	55	-1	E	2	b	*	62	55	*	-		
	Brussels ...	30.22	64	ENE	1	b	30.17	0.00	61	55	-1	E	3	b	1	66	57	*	-		
SPAN. PEN.	Berlin ...	*	*	*	*	*	30.07	-0.10	59	55	+2	ENE	2	b	*	72	51	*	-		
	Frankfurt ...	30.12	65	WNW	3	c	30.15	+0.18	62	58	-2	N	1	b	*	75	55	*	0.04		
	Munich ...	30.14	62	NE	2	b	30.06	+0.08	65	60	-2	NE	3	bc	*	73	62	*	-		
	C. Gris Nez ...	30.04	64	N	2	r	30.01	+0.08	63	62	-4	NE	5	o	*	73	59	*	0.87		
	Brest ...	30.15	62	NE	3	b	30.06	-0.09	58	56	-2	ESE	4	b	3	66	54	*	-		
	Lorient ...	30.00	65	WNW	3	b	29.86	-0.28	60	58	0	E	3	bc	3	73	55	*	-		
	Rochefort ...	29.99	75	NE	2	b	29.93	-0.23	61	57	+3	ENE	2	b	1	79	55	*	-		
	Biarritz ...	29.96	70	NW	3	b	29.88	-0.19	67	63	+3	E	2	c	*	82	64	b	-		
SPAN. PEN.	Paris ...	29.94	73	NNE	3	b	29.90	-0.16	69	68	+1	S	1	b	2	77	63	bc, b	-		
	Belfort...	30.08	71	ENE	2	b	29.99	-0.16	63	59	+4	E	1	b	*	75	55	*	-		
	Lyons ...	29.97	70	E	5	m	29.95	-0.04	62	60	-3	E	5	m	*	75	59	*	-		
	Nice ...	29.95	76	N	2	b	29.99	-0.03	66	63	0	N	4	b	*	82	63	*	-		
	Perpignan ...	29.80	71	E	4	c	29.89	+0.06	75	67	+7	Z	0	c	0	84	68	*	-		
	Corunna ...	29.88	83	N	2	c	29.91	-0.08	75	69	-1	Z	0	c	*	84	66	*	-		
	Lisbon ...	30.01	76.5	NW	3	b	30.06	+0.05	68	59	-3	N	4	b	*	82	59	*	-		
	Azores (P. Delgada) ...	30.08	70	NE	3	b	30.12	+0.15	69	54	-2	Z	0	b	1	77	64	*	-		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + 0.3 in., but for Sumburgh Head + 0.4 in.; for stations South of Malin Head and North Shields + 0.2 in., but for Scilly and Jersey + 0.1 in.

(b) 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, 26<sup>th</sup> JULY, 1906.

## 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

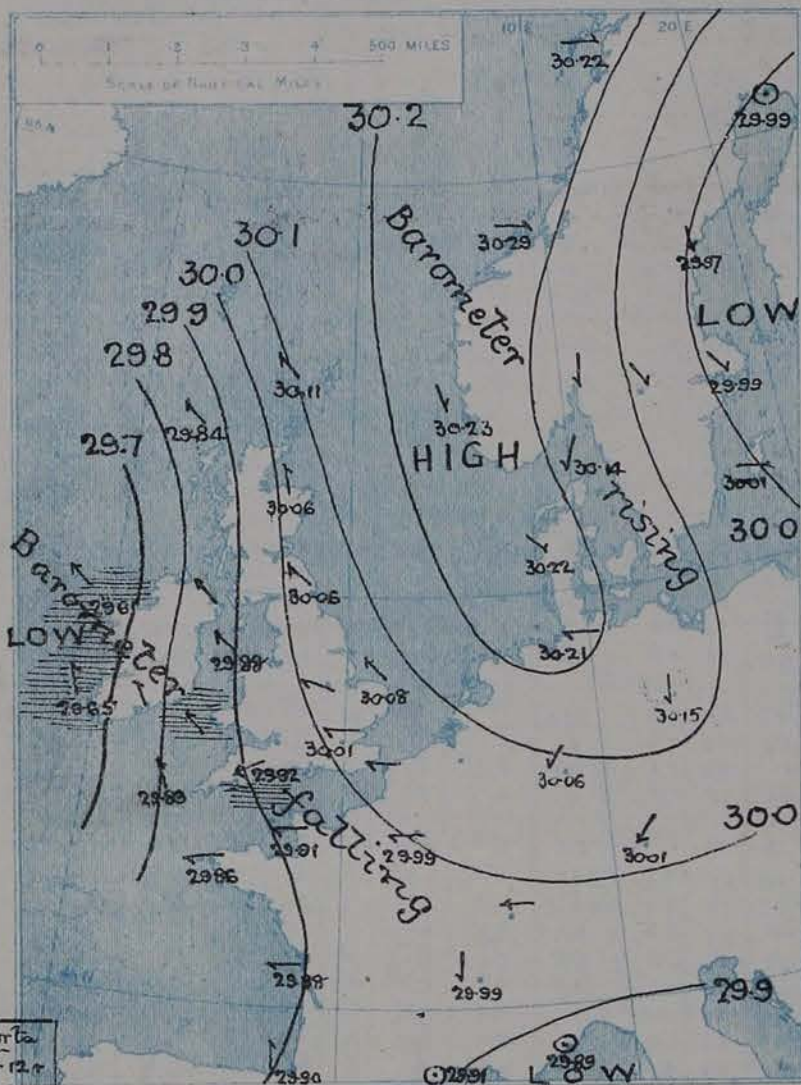
Calm

Force 8 to 10

Force 1 to 4

SEA—Rough

High

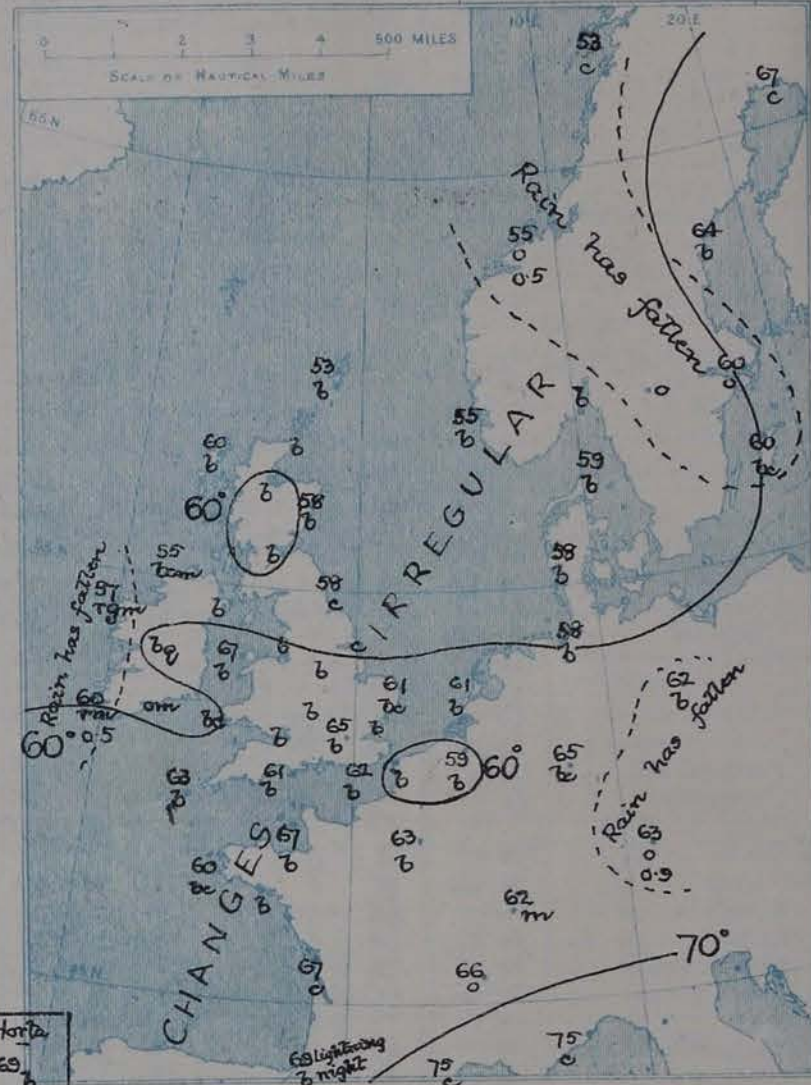


## II. TEMPERATURE AND WEATHER. This Morning.

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.

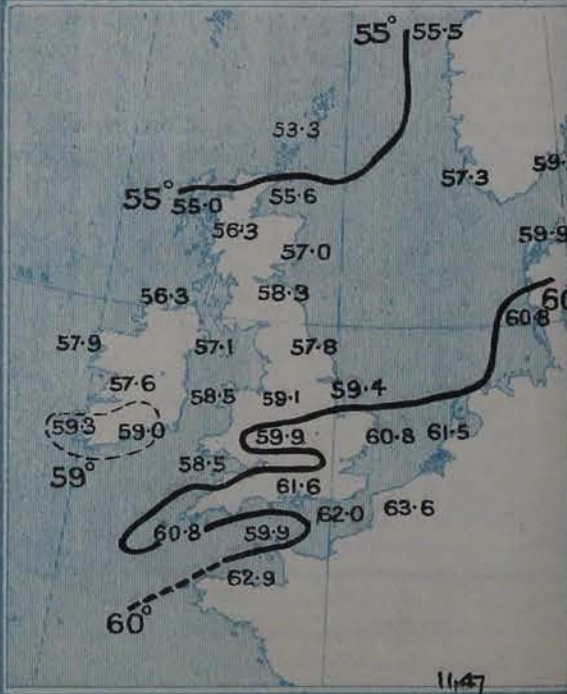
Amount recorded in various districts of the United Kingdom during the week ended Saturday, 21<sup>st</sup> July, with the percentage of the average duration for the corresponding week.



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

JULY - AUGUST

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The anticyclone has moved north-eastwards and become much modified in form; its central area, with barometer readings above 30.2 ins., is now shown as a narrow band extending from the Arctic regions across the west of Norway and Denmark to North Germany. A depression from the westward has in the meantime spread over the United Kingdom and the west of France; in the west of Ireland, where the barometer has fallen more than three-tenths of an inch, the readings are below 29.7 ins. Pressure is also relatively low over the Gulfs of Bothnia and Genoa.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

Under the influence of the baric fall the wind has increased in force from the eastward or South-Eastward over the United Kingdom, and now blows a fresh breeze at Portland Bill and on the Norfolk coast, and a strong breeze at Pembroke and Blackhead Point. The North-Westerly winds prevailing to the eastward of the high pressure band blow strongly at Huvösand. Temperature shows no decided change. Over these Islands it ranges from 67° at Jersey and Holyhead, 66° at Leith, and 65° in London and at Oxford, to 55° at Malin Head and to 53° in the Shetlands. The highest Continental values are 75° at Nice and Perpignan, but temperature is also very high, 67° at Haparanda. The lowest reading reported is 53° at Borås. The sky is cloudless or nearly so in almost all parts of our area except the west and south of Ireland, where the weather is rainy and misty. The sea is moderate or slight generally, rather rough off the west coast of Ireland and at Portland Bill. During yesterday the thermometer rose to 74° over the inland parts of Southern England, to 78° at Jersey, 82° at Rochefort, Lyons and Dijon, and to 84° at Nice. At Haparanda the maximum temperature is reported to be 86°. Half an inch of rain has fallen at Valencia and Karlsbad, and 0.9 in. at Munich. Bright sunshine was again very abundant, most places recording more than 12 hours, and some more than 14 hours.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fall of the barometer will probably continue for the present, and some extension of the rain area is anticipated in the west and north-west. Elsewhere, however, the weather is likely to remain fine.

## FORECASTS\*

For the 24 hours ending at NOON on 27<sup>TH</sup> JULY, 1906.

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0	{ SCOTLAND NORTH	{ S.E. <sup>ly</sup> winds, moderate or fresh; some rain in west, fair elsewhere.
1	{ SCOTLAND EAST	{ S.E. <sup>ly</sup> winds, moderate or fresh; fine generally, warm inland.
2	{ ENGLAND N.E.	{ Wind mainly E. <sup>ly</sup> , moderate or fresh; fine generally; warm inland, comparatively cool on coast.
3	{ ENGLAND EAST	
4	{ MIDLAND COUNTIES	
5	{ ENGLAND SOUTH	

6	{ SCOTLAND WEST	{ S.E. <sup>ly</sup> winds, moderate or fresh; becoming unsettled, with some rain.
7	{ ENGLAND N.W.	{ Moderate S.E. <sup>ly</sup> winds; fine and warm, then less settled.
8	{ ENGLAND S.W.	Same as Nos. 2 to 5.
9	{ IRELAND NORTH	{ Fresh to moderate S.E. <sup>ly</sup> and S. <sup>ly</sup> breezes; unsettled, some rain—most in west; moderate temperature.
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.



## DAILY WEATHER REPORT.

26<sup>TH</sup> JULY,

1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	67	44	*	7.0	-	f Brighton ...	71	53	*	14.0	-
Blackpool, to 9 p.m. ...	71	53	c, bc, cm	10.9	-	† Eastbourne, to 6 p.m. ...	66	55	bc, b	14.4	-
Southport, to 9 p.m. ...	72	51	c, b, o, c	10.1	-	Bexhill-on-Sea, to 9 p.m. ...	66	51	b	13.3	-
† Rhyl, to 6 p.m. ...	72	49	b, bc, b	10.0	-	† Hastings ...	*	*	*	14.1	*
Llandudno, to 9 p.m. ...	69	52	bc	11.0	-	† Folkestone, to 6 p.m. ...	67	48	b	13.7	-
Bettws-y-Coed, to 6 p.m. ...	73	47	bc, b	9.0	-	Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m. ...						† Margate, to 6 p.m. ...	66	50	b	13.0	-
Aberystwyth, to 6 p.m. ...	65	50	c, b	13.5	-	Lowestoft, to 6 p.m. ...	63	51	c, b, c	11.8	-
Plymouth, to 9 p.m. ...	70	49	bc, b	14.0	-	† Skegness ...	66	46	b, bc	12.2	-
Torquay, to 6 p.m. ...	66	51	*	13.2	-	Scarborough, to 6 p.m. ...	69	51	*	13.3	-
† Bournemouth, to 6 p.m. ...	72	49	*	14.5	-	† Harrogate, to 6 p.m. ...	71	49	c, b, c	10.0	-
† Bognor, to 6 p.m. ...	*	*	b	14.3	*	Darwen, to 9 p.m. ...	68	48	bc, w, bc	8.1	-
† Worthing ...	71	54	b	14.1	-	Manchester, to 9 p.m. ...	72	49	bc	11.3	-
						Birmingham, to 9 p.m. ...	71	47	c, b, c	11.2	-

\* At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 25 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	66	56	c, b	-	Rome ...	88	68	bc, b	-
Aix-la-Chapelle ...	73	55	r, b	-	Naples ...	84	69	b, b	-
Copenhagen ...	70	57	o, r	0.47	Malta ...	82	73	b	-
Oxö (Christiansand) ...	59	52	o, b	0.20					
St. Petersburg ...	68	55	o, b	-	Geneva 24 <sup>th</sup> July, 1906. 1 p.m.	77	*	o	0.7
Vienna ...	79	64	b, b	-	Berne ...	77	*	bc	0.20
Buda-Pesth ...	84	66	b, c	-	Lucerne ...	79	*	o	0.39
Hermanstadt ...	79	57	b, bc	-	Coire ...	75	*	o	-
Trieste ...	82	70	b, b	-	St. Gotthard ...	not received.			
Florence ...	92	70	b, b	-	Lugano ...	84	*	b	0.51

## 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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	4.4	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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



## 1906.

Friday,

Meteorological Office, London.

27<sup>th</sup> July

TES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) 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.

<sup>a</sup> Observations for this column not generally received.

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



## WEATHER CHARTS

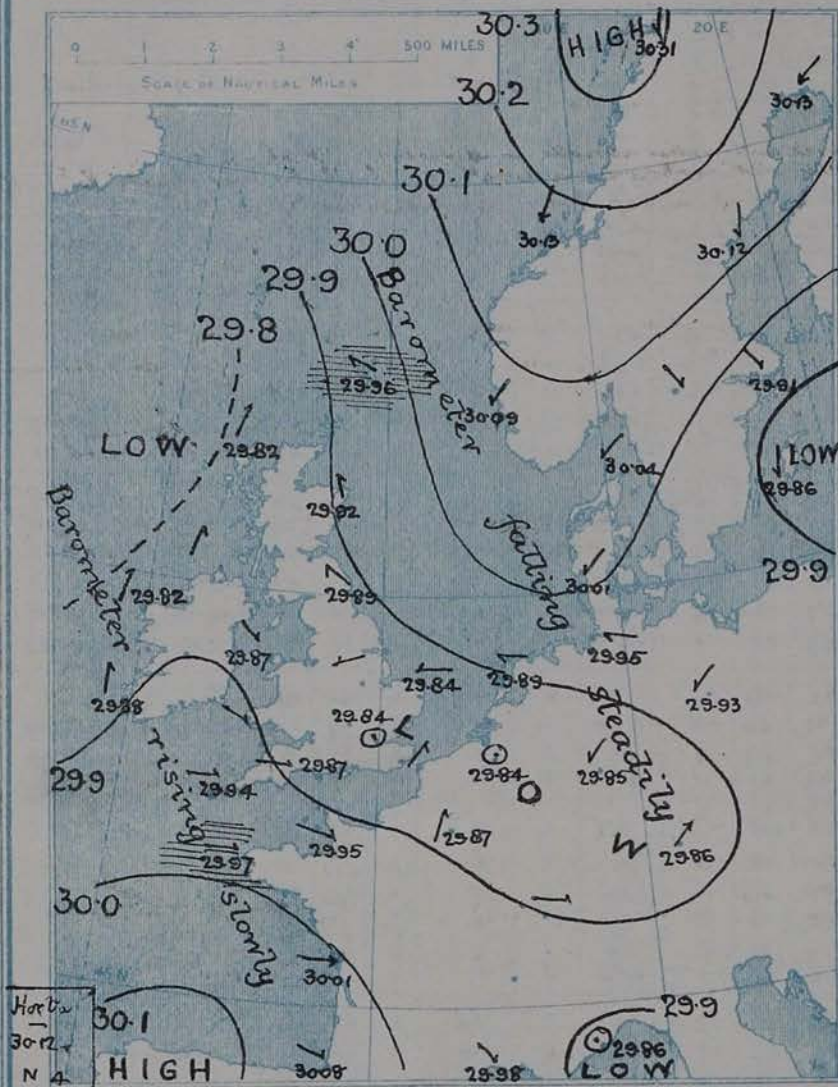
FOR FRIDAY, 27<sup>TH</sup> JULY, 1906.

1. 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 → → →

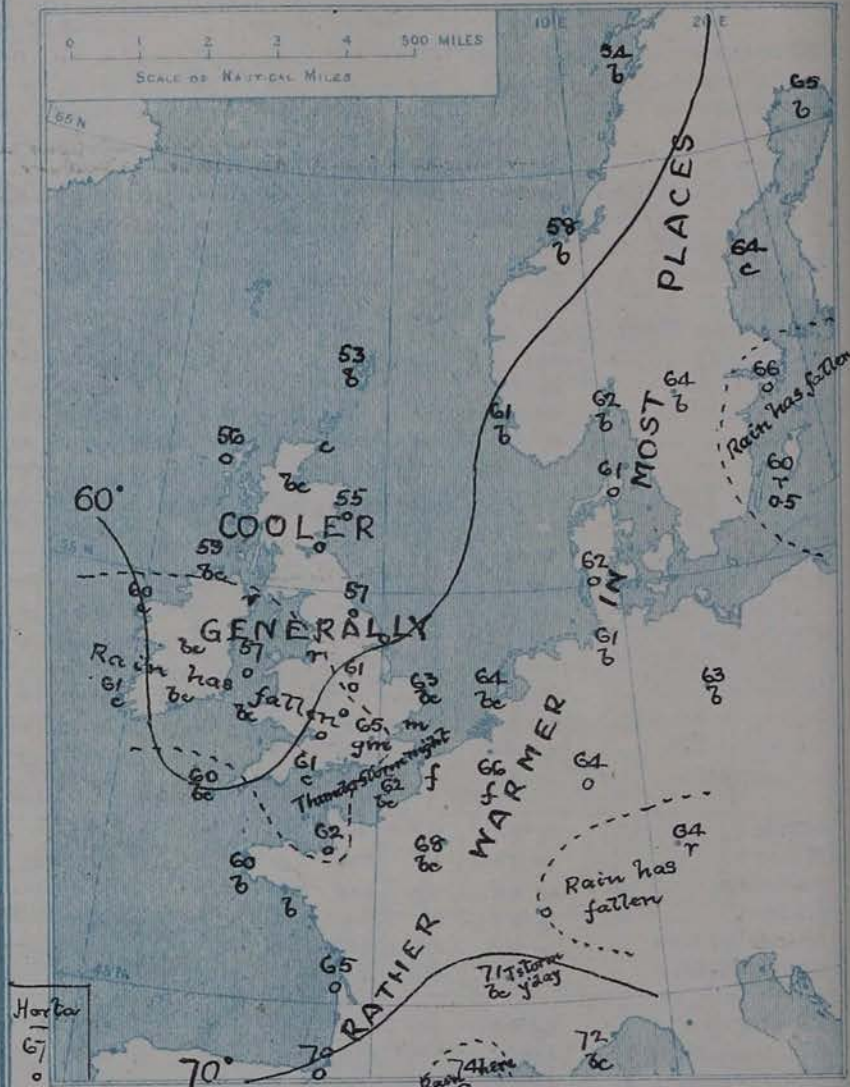
SEA.—Rough  High

## 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 1906.

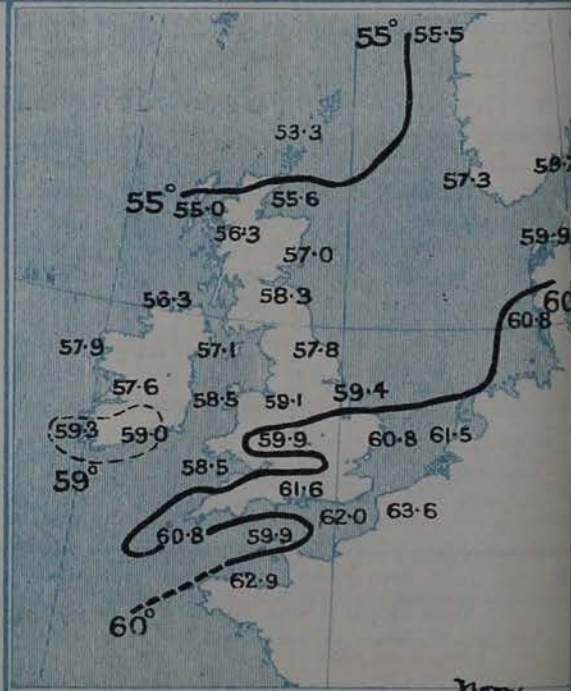
Total Amount recorded  
in various districts of the United Kingdom  
in the 29 weeks ended Saturday, July 21<sup>st</sup>,  
with the percentage of the average amount  
for the corresponding period.



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

*JULY - AUGUST*

*(Derived chiefly from Observations  
extending over the 35 Years 1871-1905.)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

The depression which lay off the west of Ireland yesterday morning appears to have moved away in a north-westerly direction, while a shallow disturbance which was then over the Bay of Biscay has spread northwards and eastwards, and now exists as a band of relatively low pressure, 29.9 ins. and less, extending in a south-easterly direction across the United Kingdom to Central Europe. Pressure is highest, 30.3 ins. and upwards, in the north of Norway, relatively high, 30.0 ins. and above, over the Bay of Biscay and its neighbourhood, and lowest, about 29.8 ins., over the Atlantic to the north-westward of this country.

## WIND

The wind is light in force and rather variable in direction; it shows, however, a general movement round the lowest pressure. On our north-western coasts it is southerly, over France, the south-west and south of England, and South Germany it is mainly westerly, and over North Germany, the Netherlands, and the east of England, easterly. Over Scandinavia the wind is light to fresh from some northerly point.

## TEMPERATURE

Temperature has fallen in many parts of the United Kingdom, and risen a little at most of the Continental stations. Over these Islands the readings range from 66° at Clacton-on-Sea and 65° in London, to 55° at Aberdeen, and to 53° in the Shetlands. In the south of France the readings are above 70°, the highest value being 74° at Perpignan. Throughout Sweden and the south of Norway the thermometer is above 60°—as high as 66° at Stockholm—but at Bodö the reading is only 54°.

## WEATHER

The sky has become very cloudy or entirely overcast in nearly all parts of these Islands, and also at several German stations, and in the south-west of France; rain is falling at Donaghadee, Liverpool and Munich, and fog prevails at Brussels and Cape Gris Nez. Over Scandinavia, Denmark and North Germany the weather is mostly fine and bright, but rain is reported at Wisby. The sea is rather rough at Sumburgh Head and Lorient, slight or smooth elsewhere.

## AND

## SEA

During yesterday temperature rose to above 75° in many parts of our Islands, and to nearly 80° in places. Thunderstorms, with very little rain, have occurred at some of our south-eastern and southern stations, and rain has been experienced in Ireland, Wales, and the north-west of England, as well as at Munich, Belfast, Perpignan and Wisby. Bright sunshine was again very abundant.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The rise of the barometer which is in progress over France and the west and south-west of these Islands will probably extend over the whole of the United Kingdom during the ensuing 24 hours. The weather over England, after local thunder showers during the day, is likely to become fine again, with winds from some westerly point and a less close atmosphere.

## FORECASTS\*

For the 24 hours ending at NOON on 28<sup>TH</sup> JULY, 1906.

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

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

Light or moderate winds, mainly S<sup>ly</sup> or SE<sup>ly</sup>; close; rather unsettled, some rain, thunder locally.

Light variable to W<sup>ly</sup> winds; close air, with local thunder showers, then improving again.

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

Same as Nos 0 and 1.

Same as Nos 2 to 5.

W<sup>ly</sup> and S.W<sup>ly</sup> winds of little strength; fair generally, warm.

S<sup>ly</sup> and S.W<sup>ly</sup> breezes, light or moderate; fair generally, but some local showers.

### WARNINGS

NONE ISSUED.

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

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

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



## DAILY WEATHER REPORT.

27<sup>TH</sup> JULY, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	73	45	*	11.0	—	†Brighton ... ..	74	52	*	12.8	—
Blackpool, to 9 p.m. ...	75	52	c, b, c	12.4	—	†Eastbourne, to 6 p.m. ...	66	58	b	13.7	—
Southport, to 9 p.m. ...	76	52	c, b, c	12.7	—	Bexhill-on-Sea ... ..	69	64	b	13.0	—
†Rhyl, to 6 p.m. ...	77	55	b	13.5	—	†Hastings ... ..	*	*	*	13.8	*
Llandudno, to 9 p.m. ...	79	56	b, c	12.9	—	†Folkestone, to 6 p.m. ...	71	57	b	14.1	—
Bettws-y-Coed, to 6 p.m.	78	51	b	12.7	—	Broadstairs, to 6 p.m. ...	*	*	*	—	*
Towyn, to 6 p.m. ...	76	60	b, c	10.5	—	†Margate, to 6 p.m. ...	67	58	b	13.3	—
Aberystwyth, to 6 p.m. ...	78	55	c, b, o	12.0	—	†Lowestoft, to 6 p.m. ...	65	58	b, c, b	13.5	—
Plymouth, to 9 p.m. ...	70	58	b, bc	9.2	—	Skegness ... ..	64	58	?	11.7	—
Torquay, to 6 p.m. ...	66	58	*	8.9	—	Scarborough, to 6 p.m. ...	61	54	*	10.8	—
†Bournemouth, to 6 p.m. ...	72	58	*	13.4	—	†Harrogate, to 6 p.m. ...	70	46	c, b	11.8	—
Bognor, to 6 p.m. ...	*	*	b, bc, b	12.6	*	Darwen, to 9 p.m. ...	72	50	bcw, bcw	12.4	—
†Worthing ... ..	70	54	b, c, b	13.0	—	Manchester, to 9 p.m. ...	76	53	bc	12.3	—
						Birmingham, to 9 p.m. ...	74	51	b, c	11.7	—

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 26 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	66	55	bc, b	—	Rome ... ..	89	68	bc, b	—
Aix-la-Chapelle ... ..	68	48	b, b	—	Naples ... ..	84	71	b, b	—
Copenhagen ... ..	64	52	b, c	—	Malta ... ..	85	72	b	—
Oxö (Christiansand) ... ..	63	52	b, b	—					
St. Petersburg ... ..	79	57	b, b	—	Geneva 25 <sup>th</sup> July, 1906. 1 p.m.	73	*	b	Measured 8.88
Vienna ... ..	75	68	o, c	—	Berne ... ..	70	*	o	1.38
Buda-Pesth ... ..	88	66	bc, c	—	Lucerne ... ..	66	*	r	0.75
Hermanstadt ... ..	77	54	c, b	0.12	Coire ... ..	75	*	bc	0.04
Trieste ... ..	82	64	c, o	—	St. Gotthard ... ..	50	*	m	0.12
Florence ... ..	88	68	b, bc	—	Lugano ... ..	81	*	bc	0.47

## 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.	27 <sup>th</sup> July, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
British Isles ... ..	8 a.m. (West European)	8 a.m.	6 p.m. * (W.E.T.)	6 p.m. *				
Holland ... ..	7 a.m. ( " )	7 a.m.	7 p.m. (W.E.T.)	7 p.m.	Yarmouth ... ..	4.5	11.59	7.52
Germany, Denmark, Norway, Sweden }	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.	Greenwich ... ..	4.17	12.6	7.55
Belgium ... ..	7 a.m. (West European)	7 a.m.	Not published	—	Wick ... ..	3.53	12.18	8.43
France ... ..	7 a.m. (Paris) ...	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.	Valencia ... ..	4.56	12.47	8.39
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.				

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly, in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Saturday,

Meteorological Office, London.

28th July,

1906.

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.)	Temp.		Weather.	Sun- shine.	Rainfall.		
		At 32° Fahr. 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...	30.18	65	N	4	b	30.23	+1.10	66	61	+1	NNE	2	b		77	61	*	*	0.08	
	Hernösand...	30.09	68	E	4	o	30.12	0.0	66	61	+2	NE	4	b	*	73	63	*	*	0.08	
	Stockholm...	29.94	61	N	4	o	29.96	+0.05	67	61	+1	NE	4	bc	*	68	59	*	*	0.07	
	Wisby...	29.82	60	NNE	6	o	29.85	-0.01	68	62	+8	ENE	3	b	*	7	57	*	*	0.07	
	Karlstad...	30.00	70	NE	6	b	30.00	-0.03	66	62	+2	NNE	2	o	*	*	*	*	*	-	
	Færder (K'ania Fjord)	29.97	70	NNE	2	bc	29.98	-0.10	65	63	+3	NNE	2	c	1	72	62	*	*	-	
	Bodö...	30.21	61	N	1	b	30.17	-0.14	67	60	+13	E	4	b	1	67	52	*	*	-	
	Christiansund...	30.11	60	ESE	1	b	30.03	-0.10	63	58	+5	ESE	2	b	2	66	54	*	*	-	
	Skudshæns...	30.02	64	NNW	4	b	29.97	-0.12	65	60	+4	E	2	b	1	68	54	*	*	-	
BRITISH ISLANDS.	Sumburgh Head	29.96	55	E	2	b	29.88	-0.08	56	54	+3	NNE	2	c	3	57	50	b	*	-	
	Stornoway...	29.88	58	SSW	1	o	29.70	-0.12	55	55	-1	SSW	1	bc	1	62	47	o, d, o	0.7	0.01	
	Malin Head...	29.84	57	E	1	c	29.54	-0.28	57	56	-2	SE	6	o, r, g	3	59	48	c	*	0.04	
	Blacksod Pt. ...	29.78	63	SSE	4	c	29.59	-0.23	59	55	-1	SW	5	bc	5	64	55	bc, c	*	0.46	
	Valencia...	29.79	61	SSE	5	rm	29.73	-0.15	59	56	-2	SW	4	bc	4	65	54	c, rm	6.8	0.68	
	Roche's Point...	29.91	61	S	3	c	29.75	-0.16	58	56	+1	WSW	4	bc	4	67	56	c	*	0.90	
	Birr Castle...	29.86	66	SSW	3	bc	29.69	-0.21	57	56	0	Z	0	o	*	68	55	bc, r, o	9.9	0.52	
	Donaghadee...	29.90	61	S	3	b	29.76	-0.10	56	54	+1	S	5	+	5	63	52	bc, o, e, rm	*	0.03	
	Liverpool Obsy...	29.93	62	W	1	b	29.87	0.0	60	55	+2	SE	3	o	2	64	51	p, b	*	0.01	
	Holyhead...	29.94	60	SW	3	b	29.80	-0.07	60	58	+3	S	4	c	3	65	55	o, p, b	*	0.05	
	Pembroke (St. Ann's Hd.)	29.97	60	SW	3	bc	29.82	-0.09	59	59	+2	S	6	o, g, p	5	63	57	bc, c, r	13.3	0.08	
	Scilly (St. Mary's)	30.00	64	SW	2	c	29.83	-0.11	60	58	0	SSW	5	m	3	67	59	b, c	11.4	-	
	Jersey (St. Aubins)	30.03	65	W	4	b	30.03	+0.08	64	59	+2	SSW	3	b	3	68	53	cm, b, dm	11.1	-	
	Portland Bill...	29.94	61	WSW	5	b	29.96	+0.09	61	59	0	SSW	3	bw	2	63	58	b	*	-	
	Dungeness...	29.88	64	SW	5	c	29.95	+0.12	63	58	+1	WSW	5	b	4	68	55	bc, c	9.3	-	
	Wick...	29.88	54	SE	2	c	29.79	-0.09	53	53	-2	SE	1	f	2	60	49	-	*	-	
	Nairn...	29.85	61	E	1	m	29.77	-0.07	56	55	-4	Z	0	cm	0	69	49	m	*	-	
	Aberdeen...	29.93	58	SSE	2	c	29.85	-0.07	56	55	+1	SSE	3	o	2	62	54	o, bc, e, of	1.5	-	
	Leith...	29.89	56	E	1	+	29.83	-0.04	58	57	0	E	1	bc	*	61	54	o, r	*	0.24	
	North Shields...	29.90	50	E	2	c	29.86	-0.03	61	57	+4	ESE	3	cm	2	62	54	c	*	-	
	Spurn Head...	29.88	61	ENE	3	bc	29.90	+0.03	61	59	+1	SSW	2	bm	2	65	57	-	*	-	
	Yarmouth...	29.87	67	E	3	b	29.89	+0.05	61	60	-2	Z	0	cf	2	68	58	bc, b	*	-	
	Clacton-on-Sea...	29.88	66	Z	0	c	29.93	+0.08	59	59	-7	W	3	m	2	70	57	bc, r, cf	3.9	0.03	
	Nottingham...	29.88	68	NNW	1	cm	29.91	+0.04	64	61	+3	WSW	1	b	*	76	50	c, cm	2.5	-	
	Bath...	?	68	NW	4	b	29.96	+0.07	59	55	-2	SW	1	b	*	71	48	-	9.0	-	
	Oxford...	29.94	64	WSW	2	c	29.96	+0.09	62	56	+1	WSW	1	b	*	73	53	c, o, r, bc	*	0.19	
	London (St. James' Park)	29.87	71	NE	1	cg	29.95	+0.11	62	58	-3	WSW	1	bc	*	74	56	bc, r, bc, r	2.9	0.43	
GERMANY, & C.	The Scaw (Skagen)	29.97	63	N	1	b	29.95	-0.09	63	61	+2	NNE	2	o	0	68	61	*	*	-	
	Fanö...	29.99	61	NE	1	b	29.93	-0.08	64	60	+2	NE	1	c	*	75	55	*	*	-	
	Cuxhaven...	29.92	69	NW	2	b	29.93	-0.02	66	62	+5	W	1	b	*	72	59	*	*	-	
	The Helder...	29.90	67	NE	2	o	29.92	+0.03	67	64	+3	E	1	b	0	68	63	*	*	-	
	Brussels...	*	*	*	*	*	29.98	+0.14	57	56	-9	SW	2	o	*	81	54	*	*	0.24	
	Berlin...	29.88	70	NNE	1	b	29.89	-0.04	67	59	+4	W	1	b	*	73	61	*	*	-	
	Frankfurt...	29.88	66	Z	0	+	29.91	+0.06	65	64	+1	NW	2	o	*	70	63	*	*	0.95	
	Munich...	29.91	62	W	4	+	29.95	+0.09	64	61	0	W	2	c	*	73	61	*	*	0.67	
FRANCE.	C. Gris Nez...	29.93	62	SW	3	bc	29.96	+0.10	59	58	-9	WSW	2	c	3	72	59	*	*	-	
	Brest...	30.05	65	WSW	2	b	29.97	0.0	61	60	+1	SSW	4	b	4	70	59	*	*	-	
	Lorient...	30.08	68	NW	3	b	30.05	+0.08	66	59	+2	ENE	2	b	1	73	55	*	*	-	
	Rochefort...	30.06	67	NW	5	b	30.08	+0.07	64	61	-1	Z	0	b	*	72	59	b	*	-	
	Biarritz...	30.13	72	NW	2	b	30.08	0.0	66	63	-4	E	2	b	4	73	57	*	*	-	
	Paris...	29.96	73	NNW	2	bc	30.06	+0.19	60	55	-8	SSW	1	b	*	80	52	*	*	-	
	Belfort...	29.91	69	W	4	c	29.98	+0.11	58	58	-8	W	4	m	*	75	56	*	*	-	
	Lyons...	29.96	75	W	2	o	29.99	+0.04	69	60	-2	NW	1	b	*	82	64	*	*	-	
SPAN. PEN.	Nice...	29.78	75	NW	2	b	29.81	-0.05	75	70	+3	NNE	1	b	1	84	64	*	*	-	
	Perpignan...	29.99	75	W	3	o	30.01	+0.03	71	62	-3	W	3	b	*	83	66	*	*	-	
	Corunna...																	*	*	-	
	Lisbon...	30.11	64	NNW	5	b	30.03	-0.09	68	61	+1	NW	4	b	*	75	61	*	*	-	
Azores (P. Delgadit)	30.22	70	NNE	5	c	30.25	+0.08	72	67	0	Z	0	bc	3	75	66	*	*	-		
" (Horta)	30.26	70	Z	0	b	30.28	+0.12	68	64	-3	NNE	2	o	2	81	66	*	*	-		

NOTES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields +0.03 in., but for Sumburgh Head +0.04 in.; for stations South of Malin Head and North Shields +0.02 in., but for Scilly and Jersey +0.01 in.

(b) 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, 28<sup>TH</sup> JULY, 1906.

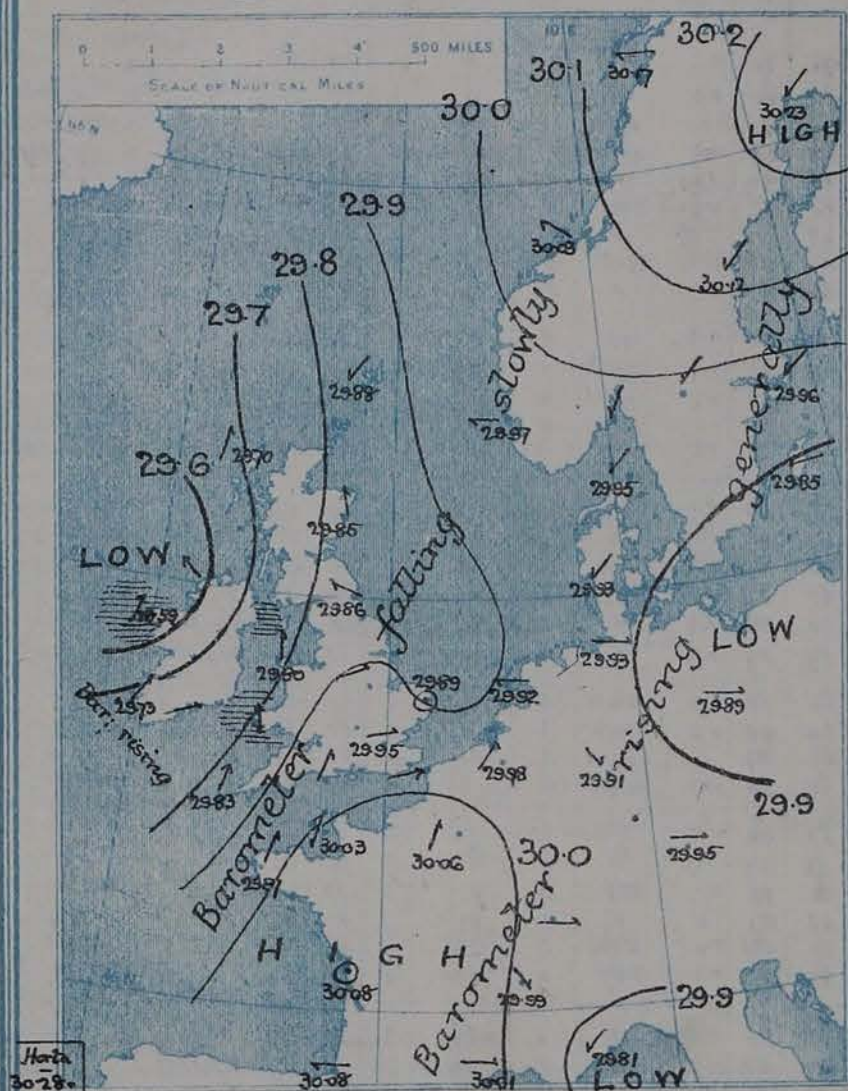
## I. BAROMETER, WIND AND SEA. This Morning.

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

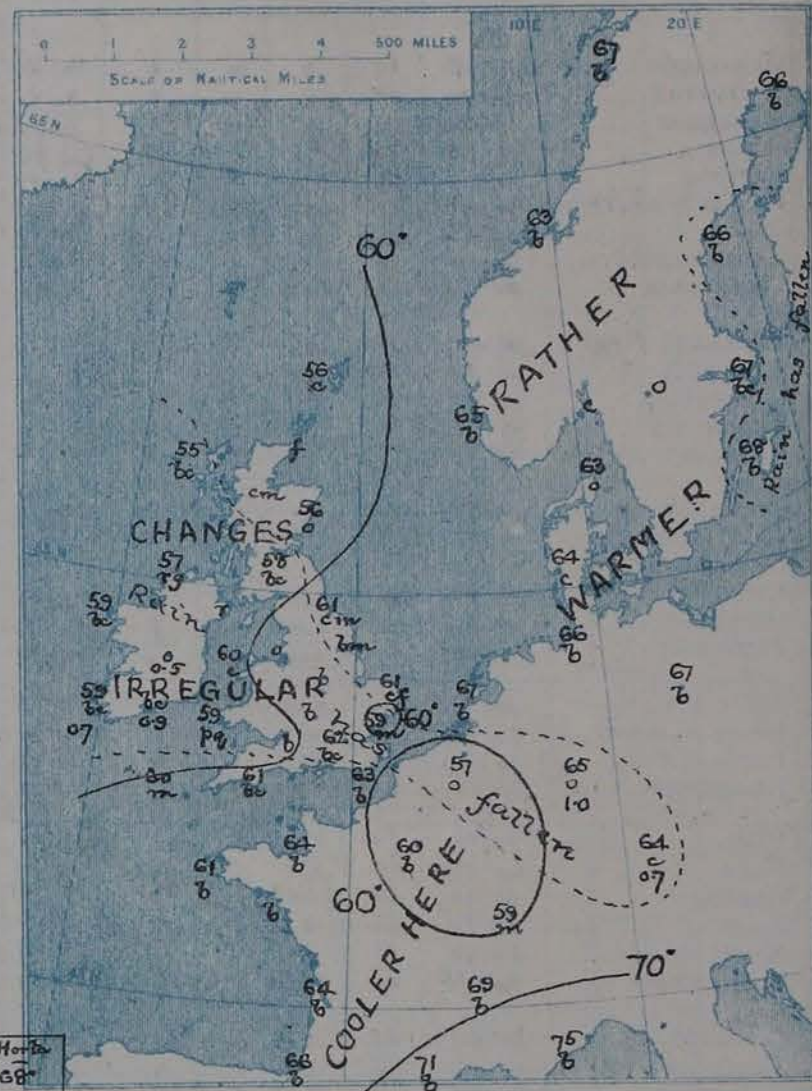


## II. TEMPERATURE AND WEATHER. This Morning.

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 1906.

Total Duration recorded in various districts of the United Kingdom in the 29 weeks ended Saturday, July 21<sup>st</sup>, with the percentage of the average duration for the corresponding period.



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

JULY - AUGUST

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





## GENERAL SITUATION AT 8 A.M.

### PRESSURE

The distribution of pressure is rather complex. A depression is shown over Germany and the Baltic and also off our north-west coasts, while the barometer is highest over Scandinavia and relatively high over France. The extreme readings range from above 30.2 ins. in the north of Sweden to below 29.6 ins. over the north-west of Ireland and the adjacent portion of the Atlantic.

### WIND

### TEMPERATURE

### WEATHER

### AND

### SEA

The South-Westerly to South-Easterly winds in the vicinity of the north-western disturbance blow freshly or strongly, but over our Islands generally the wind is light or moderate from the Southward or South-Westward. A feeble North-Easterly current prevails over Sweden and a partial cyclonic circulation of little force over the Baltic and Germany. Temperature has risen over Denmark and Scandinavia, changed little and irregularly elsewhere. Over these Islands the readings are about normal, ranging from 64° at Nottingham and Jersey to below 60° in Ireland and Scotland, and to 53° at Vicks. The Continental values range from 75° at Nice and 67° at Stockholm and Bodö to 57° at Brussels. The weather is very fine throughout Scandinavia and in most other Continental localities, and fair or fine over the greater part of England and the south of Ireland. In Wales, the northern half of Ireland and at most Scottish stations the sky is very cloudy or quite overcast, with passing showers or steady rain in some Irish and Welsh districts. The sea is rather rough at Donaghadee and Pembroke, slight or smooth as a whole.

Thunderstorms were very prevalent yesterday in the south-east of England and in some midland localities, and the rain was very heavy in places. At Great Billington, Northampton, the fall amounted to 1.58 in., 1.25 in. of which fell between 1.10 p.m. and 1.55 p.m. Heavy rain also fell in Ireland and at some German stations. The highest temperature recorded was 77° at Margate, but readings above 70° were reported at many stations. The duration of bright sunshine varied considerably; there was little in Scotland and the north and north-west of England but nearly 12 hours on various parts of our south and south-west coasts.

### PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general character of the weather is likely to continue unsettled. The depression in the north-west will probably cause rain to-day in most northern localities while there are indications that a secondary system will pass eastwards or north-eastwards across England and be accompanied by showers in many places and by thunder locally.

## FORECASTS\*

For the 24 hours ending at NOON on 29<sup>TH</sup> JULY, 1906.

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

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

Wind mainly S.W., light in east, fresh in west; cloudy or dull, some rain—most in west and north-west.

Light or moderate winds between S. and W.; fine, warm, then becoming unsettled, with some showers; thunder locally.

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

S.W. winds, fresh to light; rainy, then improving.

Moderate S.W. winds; showery, then fair; moderate temperature.

Fresh to moderate S.W. winds; unsettled, some showers, then improving.

Fresh to moderate winds between S. and W.; unsettled, rain at times, some fair intervals; moderate temperature.

### 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.



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	67	52	*	1.5	—	† Brighton ...	70	61	*	11.9	—
Blackpool, to 9 p.m. ...	64	55	r, o, c, b, c	5.4	0.12	† Eastbourne, to 6 p.m. ...	68	60	bc, b, bc	12.1	—
Southport, to 9 p.m. ...	65	56	o, o, o, b	2.1	0.07	Bexhill-on-Sea ...	70	64	b	11.5	—
Rhyl, to 6 p.m. ...	76	58	b, c	3.4	—	† Hastings ...	*	*	*	14.7	*
Llandudno, to 9 p.m. ...	68	56	bc p	4.0	0.02	† Folkestone, to 6 p.m. ...	71	61	m, b, o, b	8.2	—
Bettws-y-Coed, to 6 p.m. ...	66	57	c, b	1.0	—	Broadstairs, to 6 p.m. ...	*	*	*	*	*
Towyn, to 6 p.m. ...	66	59	a, o, bc, b	7.0	0.02	Margate, to 6 p.m. ...	77	59	b, bc, r, bc, b	6.0	0.23
Aberystwyth, to 6 p.m. ...	64	57	r, c, b	8.0	0.05	Lowestoft, to 6 p.m. ...	67	59	bc, b, c	11.3	—
Plymouth, to 9 p.m. ...	70	58	bc	9.4	0.02	† Skegness ...	66	59	bc	8.3	—
Torquay, to 6 p.m. ...	72	59	*	8.2	—	Scarborough, to 6 p.m. ...	65	54	*	4.9	—
† Bournemouth, to 6 p.m. ...	75	59	*	11.2	—	† Harrogate, to 6 p.m. ...	70	55	b, o, b, o	2.0	—
Bognor, to 6 p.m. ...	*	*		10.8	*	Darwen, to 9 p.m. ...	66	53	b, omp, b, om	0.3	0.05
† Worthing ...	69	60	c, b	12.4	0.07	Manchester, to 9 p.m. ...	69	60	o, r, o	2.2	0.01
						Birmingham, to 9 p.m. ...	69	57	c, tr, c	1.0	0.25

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 27 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	73	59	c, m	—	Rome ...	91	70	b, b	—
Aix-la-Chapelle ...	75	64	o, o	—	Naples ...	86	73	b, b	—
Copenhagen ...	68	55	c, b	—	Malta ...	82	74	b	—
Oxö (Christiansand) ...	63	55	b, b	—	Geneva 26 <sup>th</sup> July, 1906. 1 p.m.	70	*	1 p.m.	Measured 7 a.m.
St. Petersburg ...	79	64	o, b	?	Berne ...	73	*	o	0.12
Vienna ...	77	63	c, b	—	Lucerne ...	77	*	b	0.47
Buda-Pesth ...	86	66	b, bc	—	Coire ...	82	*	b	—
Hermanstadt ...	75	54	b, c	—	St. Gotthard ...	52	*	o	0.20
Trieste ...	90	70	b, c	0.12	Lugano ...	77	*	o	0.32
Florence ...	92	66	b, b	0.08					

## 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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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, 1906.	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

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of 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 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Sunday,

Meteorological Office, London.

29<sup>TH</sup> JULY, 1906.

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.		Weather.	Sun- shine.	Rainfall.		
		At 32° Fahr. and M.S.L.		Dry Bulb.		Direc.	Force (0 to 12.)	Weather.	At 32° Fahr. and M.S.L.		Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.			Force (0 to 12.)	Weather.				Max.	Min.
		Ins.	°	°	°				Ins.	Ins.														
SCANDINAVIA.	Haparanda...	30.14	77	NE	2	b	30.10	-0.13	67	62	+1	Z	0	b	*	84	57	*	*	-	-			
	Hernösand...	30.13	65	Z	0	b	30.10	-0.02	68	61	+2	NE	2	b	*	72	61	*	*	-	-			
	Stockholm...	30.03	68	N	2	bc	30.02	+0.06	69	62	+2	NNW	2	b	*	73	59	*	*	-	-			
	Wisby...	29.94	62	ENE	4	bc	29.97	+0.12	63	59	-5	NE	4	b	*	70	59	*	*	-	-			
	Karlstad...	30.03	68	NE	2	b	30.09	+0.09	66	61	0	NE	2	b	*	*	*	b, r	*	0.04	-			
	Färder (X'ania Fjord)	30.00	72	Z	0	b	30.08	+0.10	67	63	+2	NE	2	b	1	72	64	*	*	-	-			
	Bodö...	30.10	68	Z	0	b	30.08	-0.09	70	63	+3	E	3	b	1	75	63	*	*	-	-			
	Christiansund...	29.98	73	ESE	1	b	30.06	+0.03	69	62	+6	WSW	2	b	2	73	63	*	*	-	-			
	Skudesnaes...	29.97	65	Z	0	c	30.01	+0.04	66	62	+1	ESE	2	b	1	70	52	c	*	-	-			
BRITISH ISLANDS.	Sumburgh Head	29.79	55	SE	4	o	29.86	-0.02	55	53	-1	Z	0	o	2	59	50	b, o	*	0.32	-			
	Stornoway...	29.61	56	S	2	bc	29.79	+0.09	56	53	+1	SSW	4	o	4	63	52	a, bc	3.5	0.20	-			
	Malin Head...	29.70	59	SSW	2	b	29.84	+0.30	59	55	+2	WSW	1	b	2	65	50	bc, b	*	0.05	-			
	Blacksod Pt. ...	29.74	59	SW	4	b	29.85	+0.26	58	55	-1	WSW	3	bc	2	60	53	bc, b	*	0.03	-			
	Valencia...	29.83	59	SW	2	bc	29.91	+0.18	56	54	-3	Z	0	bc	4	64	50	cp, bc	14.0	0.02	-			
	Roche's Point...	29.84	64	SW	3	bc	29.93	+0.18	56	55	-2	Z	0	b	2	64	47	c, bc	*	-	-			
	Birr Castle...	29.79	64	SW	2	c	29.93	+0.24	57	55	0	SW	2	b	*	68	47	c, p	6.4	0.02	-			
	Donaghadee...	29.75	67	SSE	4	bc	29.90	+0.14	53	52	-3	S	1	b	1	69	51	orm, bc	*	0.24	-			
	Liverpool Obsy...	29.85	62	SSW	2	o	29.94	+0.07	58	55	-2	S	1	o	1	70	55	op	*	0.03	-			
	Holyhead...	29.83	59	SW	4	c	29.92	+0.12	58	57	-2	W	1	c	1	61	55	dm, c	*	0.08	-			
	Pembroke (St. Ann's Hd.)	29.87	61	SW	3	c	29.93	+0.11	57	56	-2	WSW	2	bc	3	62	55	op, c	2.2	0.10	-			
	Scilly (St. Mary's)...	29.91	62	W	1	c	29.96	+0.13	61	59	+1	S	1	br	2	65	59	c	2.4	0.02	-			
	Jersey (St. Aubins)...	29.96	71	ESE	2	b	29.96	-0.07	62	60	-2	NE	2	o	2	72	59	dm, c, o	14.2	-	-			
	Portland Bill...	29.90	62	S	3	c	29.94	-0.02	58	57	-3	ENE	2	o	2	65	56	b, c	*	0.23	-			
	Dungeness...	29.95	64	SW	3	b	29.98	+0.03	64	61	+1	SE	1	b	1	67	54	b	12.4	-	-			
	Wick...	29.69	54	SE	1	c	29.84	+0.05	57	55	+4	SE	1	bc	1	58	50	-	*	0.02	-			
Nairn...	29.67	64	WSW	2	c	29.85	+0.08	56	52	0	SW	1	bc, p	1	68	48	-	*	0.11	-				
Aberdeen...	29.77	57	SSE	2	o	29.89	+0.04	58	56	+2	Z	0	o	1	58	51	omp, bc	0.3	0.01	-				
Leith...	29.76	65	SW	2	bc	29.89	+0.06	60	57	+2	E	1	c	*	68	50	bc, p	*	0.01	-				
North Shields...	29.81	67	SSW	2	o	29.89	+0.03	60	57	-1	Z	0	o	2	67	55	c, p, o	*	0.04	-				
Spurn Head...	29.85	72	SW	3	c	29.92	+0.02	59	59	-2	WNW	2	pm	2	79	59	c, pm	*	0.01	-				
Yarmouth...	29.88	70	S	2	bc	29.93	+0.04	66	61	+5	W	3	bcm	3	71	58	bc	*	-	-				
Clacton-on-Sea...	29.91	69	S	4	b	29.96	+0.03	67	61	+8	S	2	bc	2	74	56	bc, b	10.4	-	-				
Nottingham...	29.87	71	W	2	c	29.95	+0.04	58	57	-6	WSW	1	tm	*	77	55	b, c	9.8	0.17	-				
Bath...	29.91	66	SW	4	o	29.97	+0.01	56	55	-3	NE	1	c	*	71	54	-	10.8	0.50	-				
Oxford...	29.91	66	SSW	1	o	29.97	+0.01	58	57	-4	Z	0	*	*	74	57	b, bc, op	*	0.35	-				
London (St. James' Park)	29.91	70	WSW	3	b	29.96	+0.01	64	61	+2	Z	0	bc	*	74	59	b, bc	12.2	-	-				
GERMANY, &c.	The Scaw (Skagen)	29.98	69	E	1	b	30.04	+0.09	66	63	+3	Z	0	b	0	73	63	*	*	-	-			
	Fanö...	29.98	61	NE	1	b	29.99	+0.06	63	62	-1	NE	1	o	*	73	57	*	*	-	-			
	Cuxhaven...	29.94	69	NW	2	b	29.99	+0.06	67	64	+1	N	1	b	*	72	61	*	*	-	-			
	The Helder...	29.95	60	WSW	1	f	29.99	+0.07	65	63	-2	WSW	1	b	0	72	62	*	*	-	-			
	Brusseis...	*	*	*	*	*	30.03	+0.05	64	59	+7	SE	1	bc	*	76	56	*	*	-	-			
	Berlin...	29.90	68	N	2	o	29.97	+0.08	65	61	-2	NW	1	b	*	77	63	*	*	-	-			
	Frankfurt...	29.95	68	SW	1	o	29.97	+0.06	67	63	+2	NE	2	b	*	75	64	*	*	-	-			
	Munich...	29.94	66	Z	0	o	29.95	-0.00	64	62	0	W	2	bc	*	73	59	*	*	-	-			
FRANCE.	C. Gris Nez...	30.01	63	SW	3	b	30.00	+0.04	63	59	+4	Z	0	b	1	66	55	*	*	-	-			
	Brest...	29.96	63	S	4	o	29.95	-0.02	56	55	-5	ENE	3	o	2	66	54	*	*	0.24	-			
	Lorient...	29.99	70	WSW	3	b	29.95	-0.10	63	61	-3	SSE	3	*	3	75	57	*	*	-	-			
	Rochefort...	29.99	68	NW	2	b	29.95	-0.13	65	61	+1	NNW	2	b	*	77	64	b	*	-	-			
	Biarritz...	29.94	72	NNE	4	b	29.96	-0.12	69	68	+3	WSW	1	b	1	79	66	*	*	-	-			
	Paris...	29.99	72	NE	1	b	29.99	-0.07	64	59	+4	Z	0	b	*	77	53	*	*	-	-			
	Belfort...	29.90	75	W	4	c	29.92	-0.05	62	58	+3	E	2	br	*	78	56	*	*	-	-			
PEN.	Lyons...	29.92	77	NNE	2	b	29.94	-0.05	66	59	-3	N	2	b	*	84	60	*	*	-	-			
	Nice...	29.80	72	Z	0	c	29.83	+0.02	75	69	0	Z	0	b	1	84	64	*	*	-	-			
	Perpignan...	29.88	82	NW	2	b	29.89	-0.12	71	62	0	SW	2	b	*	88	62	*	*	-	-			
	Corunna...																							
Lisbon...	29.99	67	NNW	4	c	29.96	-0.07	66	61	-2	NNW	5	bc	*	75	63	*	*	-	-				
Azores (P. Delgada)...	30.25	66	N	1	b	30.11	-0.14	69	67	-3	SSW	4	*	3	73	64	*	*	0.04	-				
„ (Horta)...	30.25	68	SW	3	o	30.11	-0.17	70	66	+2	WNW	2	bc	1	75	68	*	*	0.16	-				

TES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 15°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) 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, 29<sup>th</sup> JULY,

1906.

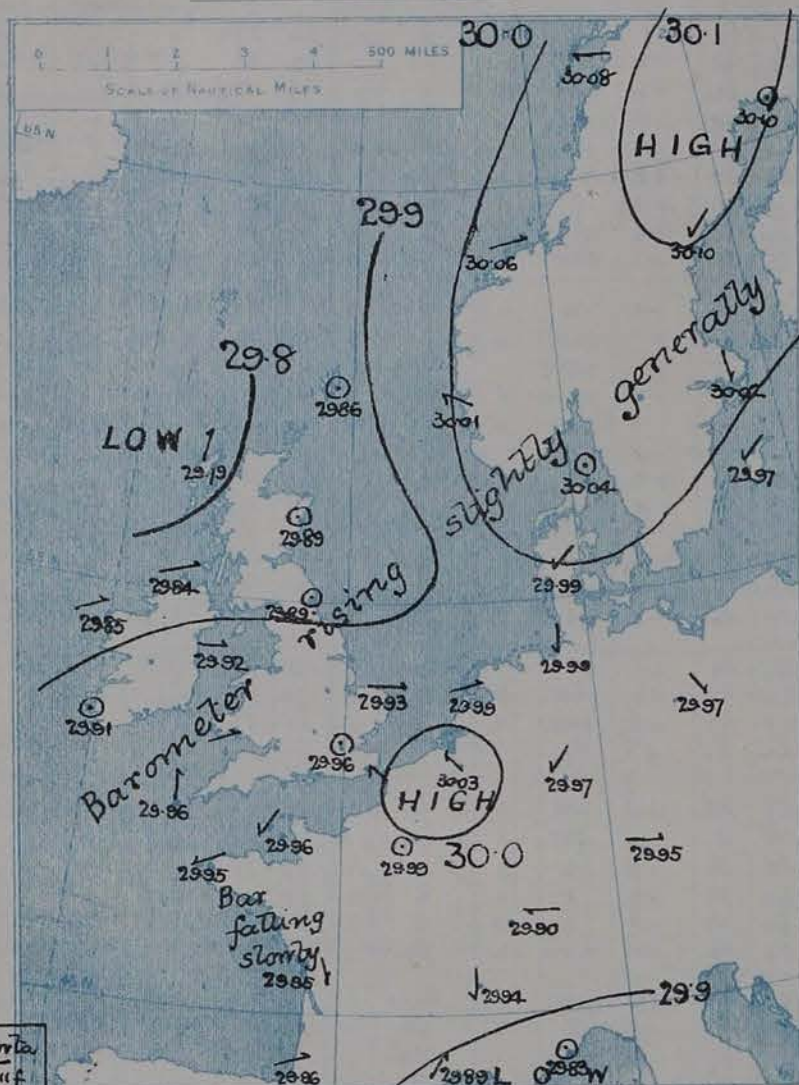
## I. BAROMETER, WIND AND SEA. This Morning.

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

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

Force above 10 → Force 5 to 7 → Force 3 to 4 → Force 1 to 2 → 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 29 weeks ended Saturday 21<sup>st</sup> JULY, with the percentage of the average for the corresponding period.

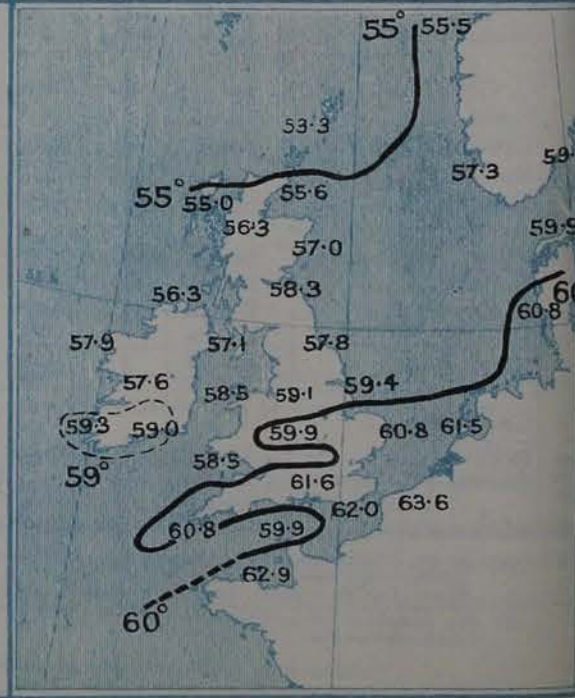
Accumulated values are expressed in Day-Degrees—a "Day Degree" signifying 1° continued for 24 hours, or any other number of degrees for an inversely proportional number of hours.



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

JULY - AUGUST

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

**PRESSURE** Barometrical pressure is now very uniform. The highest readings, 30.1 ins. and upwards, are found over the northern parts of Sweden, and the lowest, 29.8 ins. and less, in a shallow depression lying off the Hebrides. A small secondary area of high pressure, with readings above 30 ins., lies over the Netherlands and the north-east of France but over the southern parts of our area generally the difference between the barometer readings at any two stations does not exceed a tenth of an inch.

**WIND** The wind is light and variable over Western Europe as a whole but is South-Westerly on our own extreme north-west coasts. In Sweden, Denmark and the south of Norway it varies between North and East. Temperature has fallen at most of the English and Irish stations, but has risen over our eastern counties, where the thermometer now stands above 65°. In other parts of the United Kingdom the morning readings are mostly below 60°, the lowest values reported being 53° at Donaghadee and 55° at Dumburgh Head. At the Scandinavian stations the readings are above 65° and at Bodø the thermometer is as high as 70° or very nearly as high as in the extreme south of France. The weather is fine over Western Europe as a whole but is dull in the north of Scotland as well as over the northern and central parts of England with rain at Nottingham and Oxford. The sea is slight or smooth generally.

**TEMPERATURE** In the course of yesterday the thermometer rose to between 70° and 75° in most parts of England, to 77° at Nottingham and Skegness and to 79° at Spurn Head. On the northern coasts of Scotland it did not reach 60°. In the southern parts of England and Ireland the amount of bright sunshine was considerable, more than 14 hours being registered in the Channel Islands and on the coasts of Kent and Sussex; over the northern parts of the Kingdom the amount was much smaller. Rain has fallen over these islands generally, the largest amount reported being 0.5 inch at Bath.

**WEATHER**

**AND**

**SEA**

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

## FORECASTS\*

For the 24 hours ending at NOON on 30th. July, 1906.

**DISTRICTS.**

**FORECASTS.**

**DISTRICTS.**

**FORECASTS.**

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

NONE ISSUED.

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

NONE ISSUED.

**WARNINGS**

NONE ISSUED.

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

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



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	67	55	*	3.5	0.06	† Brighton ...					
Blackpool, to 9 p.m. ...	65	46	o, o, c, o	1.6	0.20	† Eastbourne, to 6 p.m. ...	66	55	b	14.8	-
Southport, to 9 p.m. ...	67	46	c, o, c	2.2	0.11	Bexhill-on-Sea, to 9 p.m. ...					
Rhyl, to 6 p.m. ...						† Hastings ...	*	*	*	14.2	*
Llandudno, to 9 p.m. ...	67	52	b, c, f	3.6	0.02	† Folkestone, to 6 p.m. ...	70	56	b	14.0	-
Bettws-y-Coed, to 6 p.m. ...	66	47	c, f, b, b, c	2.0	-	Broadstairs, to 6 p.m. ...	*	*	*		*
† Towyn, to 6 p.m. ...	66	50	r, o, c	1.3	0.12	Margate, to 6 p.m. ...	75	57	b	13.0	-
Aberystwyth, to 6 p.m. ...	68	55	c, r, c	3.5	0.08	Lowestoft, to 6 p.m. ...					
Plymouth, to 9 p.m. ...	66	54	b, o, r, o	2.6	0.27	† Skegness ...	77	54	f, b, b, c	10.1	-
Torquay, to 6 p.m. ...			*			Scarborough, to 6 p.m. ...			*		
† Bournemouth, to 6 p.m. ...	71	49	*	13.0	-	† Harrogate, to 6 p.m. ...	74	49	o, b, b, c, o	9.2	0.05
Bognor, to 6 p.m. ...	*	*	b	14.5	*	Darwen, to 9 p.m. ...					
† Worthing ...	67	49	*	14.7	-	Manchester, to 9 p.m. ...	71	50	b, c, o, r, o, v	4.0	0.14
						Birmingham, to 9 p.m. ...	72	51	c, o	9.8	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 28 <sup>th</sup> July 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...					Rome ...	89	70	o, b	-
Aix-la-Chapelle ...	75	59	c, b	0.08	Naples ...	84	72	b, f	-
Copenhagen ...	72	59	b, b	-	Malta ...	84	72	b	-
Oxö (Christiansand) ...	66	61	b, o	-					
St. Petersburg ...	75	61	o, b	-	Geneva 27 <sup>th</sup> July 1906 1 p.m.	66	*	o	Measured 7 a.m. 0.83
Vienna ...	75	66	o, o	-	Berne ...	70	*	o	0.12
Buda-Pesth ...	81	68	r, c	0.08	Lucerne ...	70	*	o	0.08
Hermanstadt ...	81	59	b, b	-	Coire ...	64	*	o	0.04
Trieste ...	82	68	o, o	0.16	St. Gotthard ...	48	*	m	0.28
Florence ...	87	71	b, o	-	Lugano ...	82	*	b	0.75

## 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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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 1906.	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

TERMS OF SUBSCRIPTION for the Daily Weather Report forwarded by Book Post, £1 per annum payable quarterly in advance.

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# DAILY WEATHER REPORT.

Monday, Meteorological Office, London.

30<sup>th</sup> July,

1906.

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.	Rainfall.
		At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	At 32° Fahr. and M.S.L.				Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Max.	Min.								
Ins.						Ins.	Ins.														Hours.	Ins.	
SCANDINAVIA.	Haparanda...	30.08	74	Z	0	b	30.17	+0.7	65	58	-2	Z	0	b	*	86	57	*	*	*	*	-	
	Hernösand...	30.12	64	Z	0	b	30.17	+0.7	67	58	-1	ESE	2	b	*	79	48	*	*	*	*	-	
	Stockholm...	30.05	71	NE	2	bc	30.09	+0.7	71	62	+2	N	2	b	*	82	59	*	*	*	*	-	
	Wisby...	30.01	62	NE	4	b	30.07	+1.0	65	62	+2	NE	4	b	*	65	59	*	*	*	*	-	
	Karlstad...	30.06	71	Z	0	b	30.13	+0.4	68	63	+2	W	2	b	*	*	*	*	*	*	*	-	
	Färder (X'ania Fjord)	30.06	72	ESE	1	bc	30.12	+0.4	69	65	+2	NNE	2	bc	1	73	66	*	*	*	*	-	
	Bodö...	30.08	73	E	1	b	30.18	+1.0	64	61	-6	E	1	b	1	75	55	*	*	*	*	-	
	Christiansund...	30.12	64	SW	1	b	30.17	+1.1	60	58	-9	SW	2	f	1	69	59	*	*	*	*	-	
Skudesnaes...	30.07	63	SW	4	c	30.09	+0.8	66	62	0	E	2	c	2	66	61	c, b	*	*	*	-		
BRITISH ISLANDS.	Sumburgh Head	29.96	54	SW	1	c	30.06	+2.0	49	49	-6	NE	3	f	3	58	45	0, c	*	*	*	-	
	Stornoway...	29.91	61	S	4	b	29.93	+1.4	52	51	-4	S	1	b	1	62	47	bc, b	11.8	*	*	-	
	Malin Head...	29.86	59	E	3	c	29.81	-0.3	56	55	-3	E	4	0	1	66	50	c	*	*	*	-	
	Blacksod Pt. ...	29.84	62	SSW	3	b	29.69	-1.6	58	57	0	SE	5	egap	4	63	56	b	*	*	*	0.02	
	Valencia...	29.84	61	SSE	3	c	29.65	-2.6	62	58	+6	SE	6	0	5	65	56	bc, c	9.7	*	*	0.05	
	Roche's Point...	29.92	63	S	2	bc	29.79	-1.4	60	59	+4	SE	4	cm	4	66	56	b, bc	*	*	*	-	
	Birr Castle...	29.87	66	SW	1	c	29.80	-1.3	59	57	+2	SSE	3	0	*	74	54	0, c	10.0	*	*	-	
	Donaghadee...	29.94	59	SE	3	b	29.91	+0.1	57	55	+4	SE	2	bc	2	61	50	bc, v	*	*	*	-	
	Liverpool Obsy...	29.94	65	NNW	1	c	29.94	0.0	61	58	+3	ESE	3	0	?	69	54	b	*	*	*	-	
	Holyhead...	29.95	62	SW	1	b	29.90	-0.2	67	61	+9	Z	0	b	0	67	56	b	*	*	*	-	
	Pembroke (St. Ann's Hd.)	29.95	60	WSW	2	bc	29.88	-0.5	58	58	+1	SE	3	cg	2	64	53	bc, omw	12.3	*	*	-	
	Scilly (St. Mary's)	29.95	65	SSE	1	b	29.85	-1.1	60	57	-1	SSE	3	c	1	67	59	b	13.5	*	*	-	
	Jersey (St. Aubins)	29.98	66	N	2	b	29.90	-0.6	65	61	+3	ENE	2	b	2	67	57	cg, c, omw	4.5	*	*	-	
	Portland Bill...	29.95	61	WSW	2	bc	29.90	-0.4	62	60	+4	NE	3	bw	2	63	56	0, bc	*	*	*	-	
	Dungeness...	29.98	65	NE	3	c	29.94	-0.4	64	62	0	ENE	3	b	1	69	60	b, c	10.2	*	*	0.02	
	Wick...	29.96	57	Z	0	b	30.01	+1.7	54	52	-3	SE	2	0	2	63	50	-	*	*	*	-	
Nairn...	29.90	65	E	1	bc	29.99	+1.4	52	51	-4	Z	0	m	1	69	49	-	*	*	*	-		
Aberdeen...	29.96	60	SSE	2	b	30.03	+1.4	56	55	-2	NE	1	0	1	66	51	0, bc, b	5.9	*	*	-		
Leith...	29.92	59	E	1	c	29.99	+1.0	54	53	-6	ENE	2	0	*	66	51	p, c	*	*	*	0.06		
North Shields...	29.94	59	E	3	c	30.01	+1.2	58	57	-2	NE	2	0	2	62	52	c, f	*	*	*	-		
Spurn Head...	29.95	63	SSE	3	0	29.99	+0.7	64	61	+5	SE	3	b	2	65	58	0, p	*	*	*	0.09		
Yarmouth...	29.97	65	NE	3	c	29.98	+0.5	63	61	-3	ENE	3	b	3	71	60	bc, c	*	*	*	0.07		
Clacton-on-Sea...	29.97	67	SE	2	c	29.98	+0.2	66	63	-1	NE	3	b	2	71	61	bc, p, b	9.8	*	*	0.04		
Nottingham...	29.95	68	S	1	0	29.96	+0.1	69	65	+11	ESE	1	bc	*	72	56	c, 0	1.9	*	*	0.02		
Bath...	29.96	66	Z	0	0	29.92	-0.5	63	59	+7	Z	0	b	*	68	56	-	1.4	*	*	-		
Oxford...	29.97	64	E	1	c	29.94	-0.3	67	62	+7	ESE	1	b	*	68	54	0, c	*	*	*	0.03		
London (St. James' Park)	29.96	66	NE	1	OT	29.94	-0.2	69	64	+5	E	1	b	*	75	61	c, OT, b	2.0	*	*	0.02		
GERMANY, &c.	The Scaw (Skagen)	30.10	65	Z	0	0	30.12	+0.8	69	64	+3	Z	0	b	0	73	61	*	*	*	*	-	
	Fanö...	30.09	65	NE	1	b	30.12	+1.3	68	65	+5	NE	1	bc	*	75	61	*	*	*	*	-	
	Cuxhaven...	30.01	71	N	2	b	30.07	+0.8	66	63	-1	SE	2	b	*	72	64	*	*	*	*	-	
	The Helder...	30.02	65	W	1	b	30.02	+0.3	68	64	+3	ENE	1	b	0	73	63	*	*	*	*	-	
	Brussels...	*	*	*	*	*	29.97	-0.6	72	65	+8	SE	1	b	*	79	62	*	*	*	*	-	
	Berlin...	29.98	72	N	2	b	30.07	+1.0	67	62	+2	N	1	0	*	77	61	*	*	*	*	-	
	Frankfurt...	29.97	71	Z	0	b	30.02	+0.5	68	63	+1	NNE	2	b	*	82	59	*	*	*	*	-	
Munich...	29.95	66	Z	0	b	30.01	+0.6	65	61	+1	SE	4	b	*	73	54	*	*	*	*	-		
FRANCE.	C. Gris Nez...	30.00	67	NE	2	bc	29.97	+0.3	66	62	+3	E	3	b	2	73	61	*	*	*	*	-	
	Brest...	29.95	66	NW	3	bc	29.89	-0.6	59	54	+3	E	3	c	3	66	54	*	*	*	*	-	
	Lorient...	29.94	68	WSW	2	b	29.89	-0.6	61	58	-2	E	3	c	1	75	57	*	*	*	*	-	
	Rochefort...	29.92	68	NW	4	bc	29.91	-0.4	67	65	+2	Z	0	b	*	73	63	b, bc	*	*	*	-	
	Biarritz...	29.96	72	NW	1	b	29.94	-0.2	69	66	0	SSE	1	bc	2	75	63	*	*	*	*	-	
	Paris...	29.94	77	E	1	b	29.95	-0.4	66	62	+2	ENE	1	b	*	81	57	*	*	*	*	-	
SPAN. PEN.	Belfort...	29.85	77	ENE	4	m	29.92	-0.1	67	62	+5	E	4	m	*	81	59	*	*	*	*	-	
	Lyons...	29.87	82	NNE	1	b	29.92	-0.2	72	62	+6	NNW	1	b	*	89	63	*	*	*	*	-	
	Nice...	29.82	74	SW	2	c	29.86	+0.3	74	69	-1	Z	0	b	0	86	68	*	*	*	*	-	
	Perpignan...	29.85	78	Z	0	b	29.89	0.0	74	66	+3	Z	0	b	*	89	64	*	*	*	*	-	
	Corunna...	29.97	63	N	5	b	29.99	+0.3	65	58	-1	N	4	b	*	73	59	*	*	*	*	-	
Lisbon...	30.04	71	W	2	0	30.08	-0.3	69	62	0	N	4	c	3	75	64	*	*	*	*	-		
Azores (P. Delgada)	30.10	68	N	3	0	30.12	+0.1	65	60	-5	NNW	2	bc	1	77	64	*	*	*	*	-		

TES.—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude  $45^{\circ}$ . The approximate correction is:—For stations North of Malin Head and North Shields +  $\cdot 03$  in., but for Sumburgh Head +  $\cdot 04$  in.; for stations South of Malin Head and North Shields +  $\cdot 02$  in., but for Scilly and Jersey +  $\cdot 01$  in.

(b) 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, 30<sup>TH</sup> JULY, 1906.

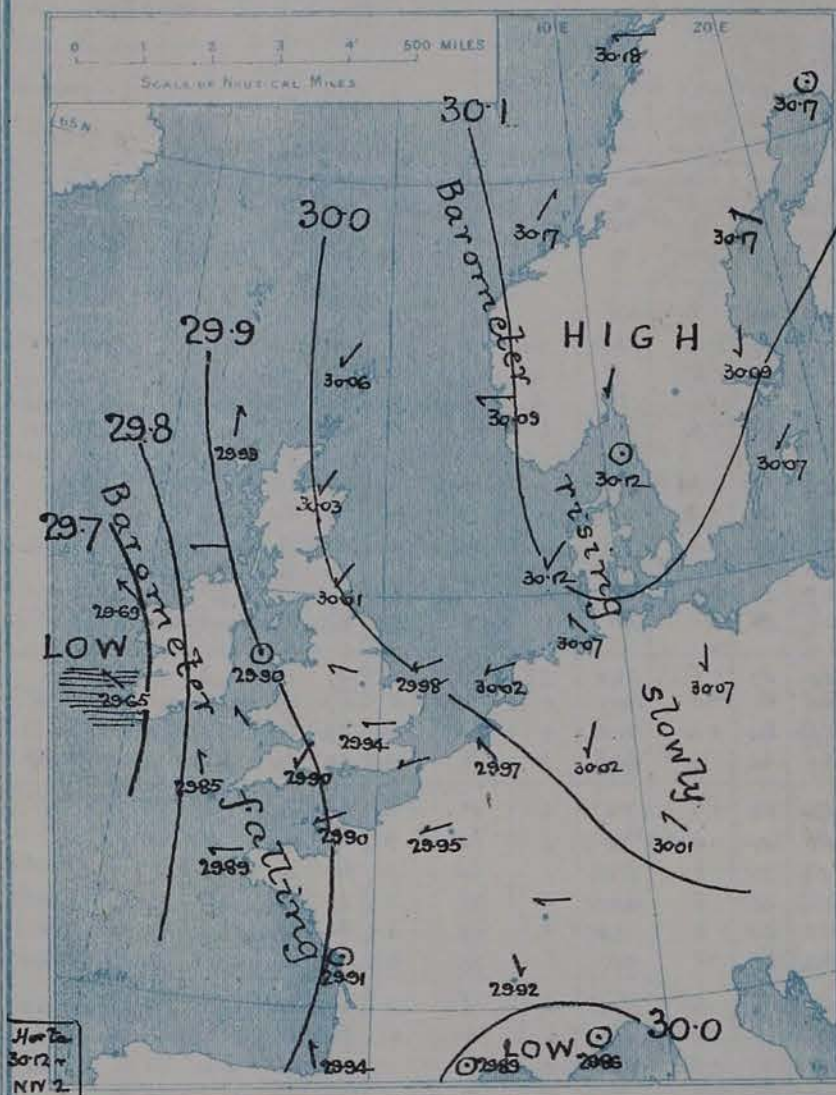
## I. BAROMETER, WIND AND SEA. This Morning.

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

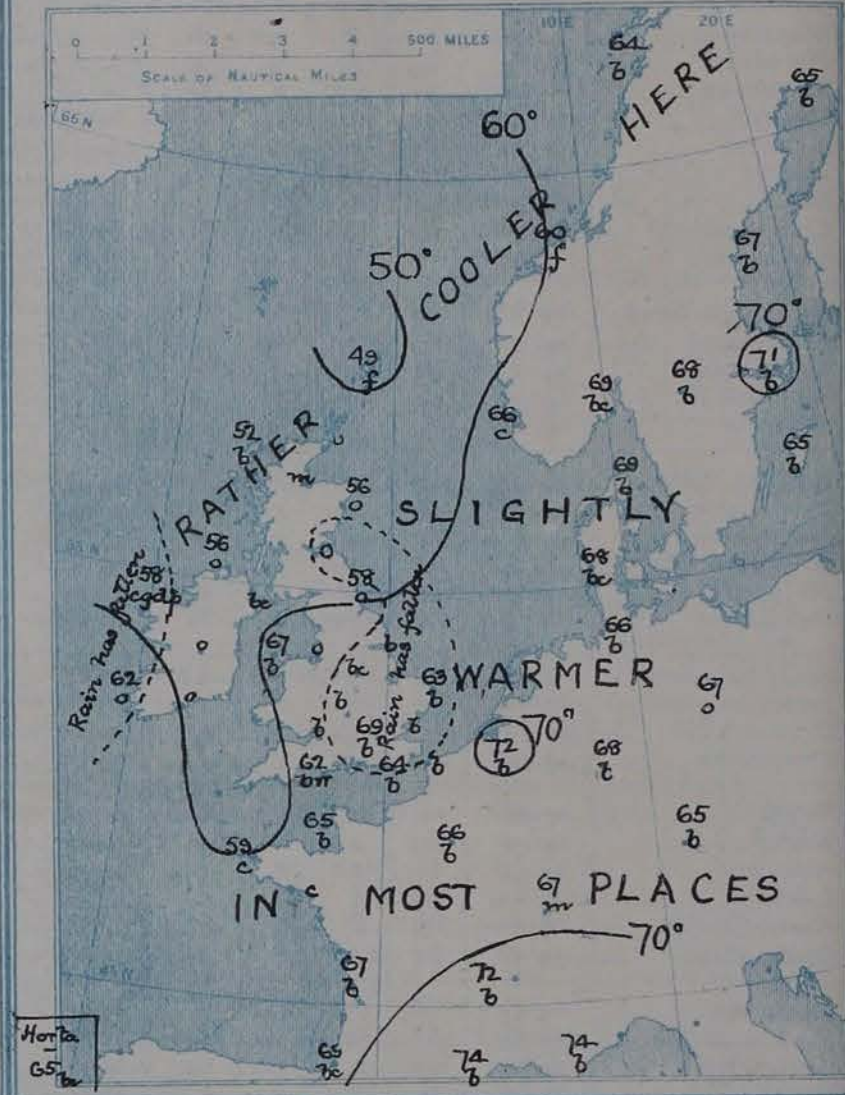


## II. TEMPERATURE AND WEATHER. This Morning.

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 21<sup>ST</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

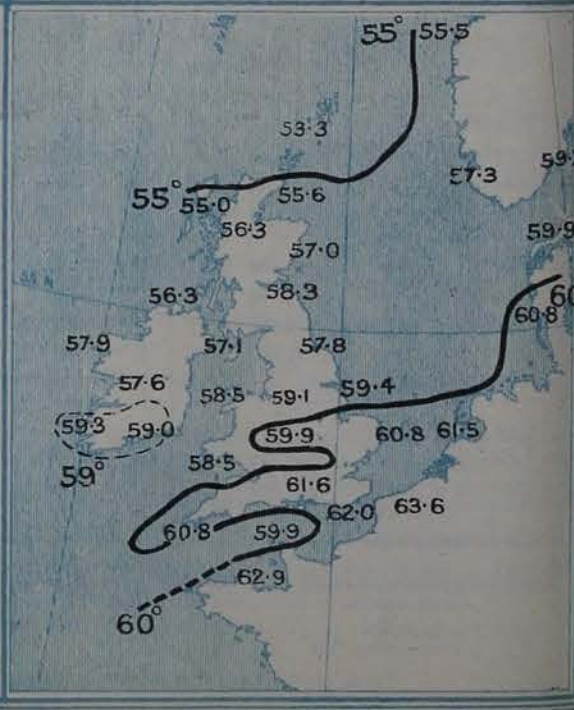


## V. Averages of DAILY TEMPERATURE

at 8 A.M. for the monthly period

JULY - AUGUST

(Derived chiefly from Observations extending over the 35 Years 1871-1905.)





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Barometric pressure now ranges from above 30.1 ins. in a large anticyclone over Scandinavia and Denmark, to below 29.9 ins. over the south-east of France, and to less than 29.7 ins. in a depression off the west coast of Ireland. The mercury is rising slowly over the greater part of our area, but falling over our western and south-western districts, and in the west of France.

## WIND

## TEMPERATURE

## WEATHER

## AND

## SEA

The wind blows freshly or strongly from the South-Eastward on the west coast of Ireland, but over the United Kingdom as a whole, and also over France and the Netherlands, very light Easterly or North-Easterly winds prevail, while over Scandinavia the wind is light and variable. Temperature has risen at most stations in England and Ireland, and at many of those on the Continent, fallen in Scotland and the north of Scandinavia. The highest readings in this country are 69° in London and at Nottingham, and 67° at Oxford and Holyhead, whence the values decrease to 56° at Malin Head, to 52° at Nairn and Stornoway, and to 49° at Dumburgh Head, where the weather is foggy. On the Continent the readings range from 74° at Nice and Perpignan, 72° at Brussels, and 71° at Stockholm, to 60° at Christiansund, and to 59° at Brest. Under the influence of the western depression the weather is cloudy or overcast in Ireland, with passing showers at Blacksod Point. A good deal of cloud is also reported from Scotland and the north of England, but in all other parts of our area except at Christiansund, where fog prevails, the sky is nearly or quite clear. The sea is rather rough at Valencia, slight or smooth generally.

During yesterday the thermometer rose to 75° in London and at Margate, and to about 70° in many other parts of England and in some Irish localities. At Lyons and Perpignan the maximum temperature was 89°. Bright sunshine was very prevalent generally but the duration was slight in the north-east of England, in some of the midland counties, and also at Bournemouth and Bognor. Slight rain has fallen in the south of Scotland, the west of Ireland, and at several stations in England.

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off Ireland is likely to extend more over our western and south-western districts, and to cause an increase of cloud and some rain, but it does not seem probable that it will seriously affect the northern, eastern, and south-eastern districts during the ensuing twenty-four hours.

Erratum:— In the "General Situation at 8 a.m." in Saturday's report, the name Great Billington should read Great Billing.

## FORECASTS\*

For the 24 hours ending at NOON on 31<sup>st</sup> JULY, 1906.

### DISTRICTS.

### FORECASTS.

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

E<sup>ly</sup> or N.E<sup>ly</sup> winds, light or moderate; fair or fine generally; warm inland.

Light breezes, mainly E<sup>ly</sup>; fine and warm to-day, probably becoming less settled to-morrow.

### DISTRICTS.

### FORECASTS.

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

S.E<sup>ly</sup> or E<sup>ly</sup> winds, light or moderate; fair, then unsettled, with some showers; temperature about normal or rather higher.

S.E<sup>ly</sup> and E<sup>ly</sup> winds, moderate or fresh; cloudy or dull, some rain, most in west.

### 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.



## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...			*			† Brighton ...	71	56	*	7.8	-
Blackpool, to 9 p.m. ...	66	53	c, b, bc	8.4	-	† Eastbourne, to 6 p.m. ...	67	55	bc, b, c, od	9.0	0.01
Southport, to 9 p.m. ...	68	51	b, c, o	7.8	-	Bexhill-on-Sea, ...	69	58	o, †	8.0	-
Rhyl, to 6 p.m. ...	67	52	r, o, bc, c	7.0	0.03	† Hastings ...	*	*	*	8.8	*
Llandudno, to 9 p.m. ...	66	55	bc, p	9.5	0.04	† Folkestone, to 6 p.m. ...	74	50	bc, b, c	10.6	-
Bettws-y-Coed, to 6 p.m. ...	66	47	cp, b, bc	2.0	-	Broadstairs, to 6 p.m. ...	*	*	*		*
Towyn, to 6 p.m. ...	67	58	c, b	9.0	-	Margate, to 6 p.m. ...	75	55	b, o	10.5	-
Aberystwyth, to 6 p.m. ...	69	55	c, o, b	9.0	-	Lowestoft, to 6 p.m. ...	72	56	bc, c	9.0	-
Plymouth, to 9 p.m. ...						Skegness ...	68	60	?	0.2	-
Torquay, to 6 p.m. ...	66	56	*	6.5	0.29	Scarborough, to 6 p.m. ...	71	57	*	1.5	0.29
† Bournemouth, to 6 p.m. ...	70	59	*	1.8	-	Harrogate, to 6 p.m. ...	70	54	or, o, c	1.3	0.28
Bognor, to 6 p.m. ...	*	*	c, gw	2.5	*	Darwen, to 9 p.m. ...					
† Worthing ...	70	54	b, c, o, †	5.2	-	Manchester, to 9 p.m. ...	72	57	r, b	8.1	0.02
						Birmingham, to 9 p.m. ...	66	55	r, c	1.1	0.10

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS 29 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ...	Observations not received.		not received.		Rome ...	Observations not received.			
Aix-la-Chapelle ...					Naples ...				
Copenhagen ...					Malta ...				
Oxö (Christiansand) ...									
St. Petersburg ...									
Vienna ...					Geneva 28 <sup>th</sup> July, 1906. 1 p.m.	75	*	6	Measured 7 a.m. 7.24
Buda-Pesth ...					Berne ...	73	*	bc	0.63
Hermanstadt ...					Lucerne ...	72	*	b	0.08
Trieste ...					Coire ...	73	*	o	0.08
Florence ...					St. Gotthard ...	50	*	b	0.04
					Lugano ...	84	*	b	0.08

## 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 ...	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ...	7 a.m. ( " )	7 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.
Belgium ...	7 a.m. (West European)	7 a.m.	Not published	—
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, 1906.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...	4.8	11.59	7.49
Greenwich ...	4.21	12.6	7.51
Wick ...	3.59	12.18	8.37
Valencia ...	4.59	12.47	8.26

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FORECASTS OF WEATHER for one day in advance are drawn up 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 Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



Tuesday,

31<sup>st</sup>. July,

1906.

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.	Rainfall.		
				At 32° Fahr. 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.	°	°	°				°	°		Hours.	Ins.		
Haparanda...		30.14	62	W	2	c	30.17	00	68	59	+3	Z	0	b	*	77	57	*	-		
Hernösand ...		30.16	65	SW	2	b	30.15	-02	70	62	+3	Z	0	b	*	77	56	*	-		
Stockholm ...		30.13	70	N	2	b	30.14	+05	74	62	+3	NNE	2	b	*	77	61	*	-		
Wisby...		30.10	64	NE	2	b	30.13	+06	65	62	0	Z	0	b	*	68	57	*	-		
Karlstad ...		30.13	72	Z	0	b	30.17	+04	70	63	+2	W	2	b	*	*	*	*	-		
Færder (X'ania Fjord)		30.13	72	W	1	c	30.15	+03	69	65	0	N	2	bc	*	79	66	*	-		
Bodö ...		30.15	64	NE	1	b	30.21	+03	61	59	-3	E	1	b	*	66	55	*	-		
Christiansund ...		30.20	61	SW	1	b	30.19	+02	60	59	0	ESE	3	f	*	66	57	*	-		
Skudesnaes ...		30.18	65	Z	0	b	30.13	+04	66	64	0	E	2	c	*	70	61	m, b	-		
Sumburgh Head		30.00	53	NE	4	f	30.01	-05	52	52	+3	ESE	3	f	*	55	48	m, f	0.01		
Stornoway ...		29.87	65	SE	3	0	29.80	-13	59	57	+7	Z	0	0	*	73	51	bc, 0	8.3 0.05		
Malin Head ...		29.70	65	SSW	4	bc m	29.72	-09	59	56	+3	E	3	c	*	68	52	c, bc m	-		
Blacksod Pt. ...		29.60	61	SE	5	og p	29.69	00	60	56	+2	S	4	bc	*	64	57	og p, og p	0.27		
Valencia ...		29.62	60	S	3	cp	29.74	+09	60	57	-2	SSE	4	cp	*	66	55	t, cp	2.1 0.32		
Roche's Point ...		29.71	60	SSE	6	0	29.81	+02	61	60	+1	S	3	bc	*	63	54	c, 0	0.33		
Birr Castle ...		29.70	62	SSE	5	p	29.78	-02	58	56	-1	S	3	bc	*	69	52	cp, +	2.5 0.26		
Donaghadee ...		29.83	64	S	2	bc	29.81	-10	57	55	0	S	2	c	*	65	55	0, cm, bc	-		
Liverpool Obsy...		29.81	75	ESE	3	bc	29.84	-10	67	60	+6	SSE	1	b	*	76	58	p, bc	0.02		
Holyhead ...		29.82	63	NNW	1	bc m	29.82	-08	61	59	-6	SSW	3	0	*	69	56	cm, bc m	-		
Pembroke (St. Ann's Hd.)		29.85	61	S	2	b	29.86	-02	58	58	0	SW	2	cg	*	63	57	c, bc, cp	7.1 0.16		
Scilly (St. Mary's) ...		29.82	63	SSE	2	c	29.89	+04	60	57	0	WSW	1	b	*	66	58	bc, c	9.2 0.16		
Jersey (St. Aubins) ...		29.86	72	NW	1	c	29.96	+06	64	62	-1	SW	3	c	*	75	58	bc m, cm	11.0 -		
Portland Bill ...		29.87	63	E	1	c	29.92	+02	61	60	-1	SW	3	c	*	65	59	c	-		
Dungeness ...		29.89	66	E NE	3	b	29.87	-07	63	62	-1	S	2	c	*	69	62	b	12.4 -		
Wick ...		29.96	54	SE	2	f	29.91	-10	52	52	-2	SE	2	f	*	59	50	-	-		
Nairn ...		29.89	67	ESE	3	c	29.84	-15	67	62	+15	E	2	c	*	74	51	-	-		
Aberdeen ...		29.99	59	SSE	2	c	29.90	-13	56	56	0	ENE	1	f	*	62	53	om, f, of	0.4 0.01		
Leith ...		29.90	59	NE	3	0	29.84	-15	55	55	+1	NE	3	tf	*	62	52	-	0.07		
North Shields ...		29.95	60	ESE	4	bc	29.85	-16	59	58	+1	Z	0	m	*	63	54	c, bc, f	-		
Spurn Head ...		29.93	62	ESE	4	bc	29.83	-16	64	63	0	SE	3	c	*	66	59	-	-		
Yarmouth ...		29.94	67	ENE	3	b	29.87	-11	66	64	+3	SSE	3	bc m	*	69	62	bc, b	-		
Clacton-on-Sea ...		29.92	67	ENE	3	b	29.87	-11	62	60	-4	ESE	3	0	*	70	64	b, bc, b	13.5 -		
Nottingham ...		29.89	74	E	2	c	29.85	-11	65	64	-4	SW	1	cm	*	81	61	c, cp	9.6 0.01		
Bath ...		29.86	77	SW	2	b	29.90	-02	66	60	+3	SW	1	b	*	80	57	-	-		
Oxford ...		29.88	73	ESE	1	bc	29.90	-04	66	60	-1	WSW	2	b	*	81	62	b, bc	-		
London (St. James' Park)		29.89	74	ESE	4	bc	29.87	-07	66	65	-3	W	1	c	*	78	64	b, bc, 0	12.4 -		
The Scaw (Skagen)		30.13	68	NW	1	c	30.13	+01	69	65	0	NNE	1	b	*	72	66	*	-		
Fanö ...		30.12	69	NE	1	b	30.12	00	69	67	+1	NE	1	b	*	81	63	*	-		
Cuxhaven ...		30.05	76	E	2	b	30.07	00	68	66	+2	ESE	3	b	*	77	64	*	-		
The Helder ...		29.99	71	ENE	1	b	29.98	-04	73	69	+5	E	1	b	*	75	68	*	-		
Brussels ...		*	*	*	*	*	29.95	-02	73	65	+1	SE	1	b	*	84	66	*	-		
Berlin ...		30.03	78	N	1	b	30.06	-01	72	66	+5	Z	0	b	*	84	66	*	-		
Frankfurt ...		29.99	70	SE	1	b	30.02	00	69	64	+1	E	1	bc	*	84	63	*	-		
Munich ...		29.99	66	NE	3	b	30.02	+01	63	61	-2	SSE	1	b	*	73	54	*	-		
C. Gris Nez ...		29.93	64	NE	3	b	29.90	-07	73	68	+7	WSW	3	bc	*	73	61	*	-		
Brest ...		29.88	66	SE	4	b	29.93	+04	59	59	0	SW	3	bc	*	72	57	*	0.32		
Lorient ...		29.91	73	W	2	b	29.93	+04	65	61	+4	NW	3	0	*	77	52	*	-		
Rochefort ...		29.90	72	NW	2	bc	30.01	+10	67	64	0	NN	1	bc	*	75	66	bc	-		
Biarritz ...		29.93	73	N	1	bc	30.03	+09	72	68	+3	Z	0	0	*	79	68	*	-		
Paris ...		29.90	82	SE	2	b	29.93	-02	72	66	+6	SSE	2	bc	*	88	64	*	-		
Belfort... ..		29.85	80	ENE	4	m	29.95	+03	70	63	+3	E	3	m	*	83	60	*	-		
Lyons ...		29.86	87	E	1	b	29.97	+05	74	63	+2	NE	1	bc	*	93	65	*	-		
Nice ...		29.90	72	E	2	c	29.97	+11	74	69	0	Z	0	b	*	84	63	*	-		
Perpignan ...		29.89	77	S	2	0	29.99	+10	69	68	-5	SE	1	b	*	83	61	*	-		
Corunna ...																					
Lisbon ...		30.02	65	N	4	b	30.07	+08	69	64	+4	NNW	4	b	*	73	63	*	-		
Azores (P. Delgada)...																					
" (Horta) ...		30.21	66	Z	0	b	30.17	+05	68	65	+3	SW	3	b	*	75	63	*	-		

ES:—(a) At the British and Irish Stations the readings of the barometer are not corrected for the difference in Gravity between the position of the Station and Latitude 45°. The approximate correction is:—For stations North of Malin Head and North Shields + '03 in., but for Sumburgh Head + '04 in.; for stations South of Malin Head and North Shields + '02 in., but for Scilly and Jersey + '01 in.

(b) 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, 31<sup>st</sup> JULY, 1906.

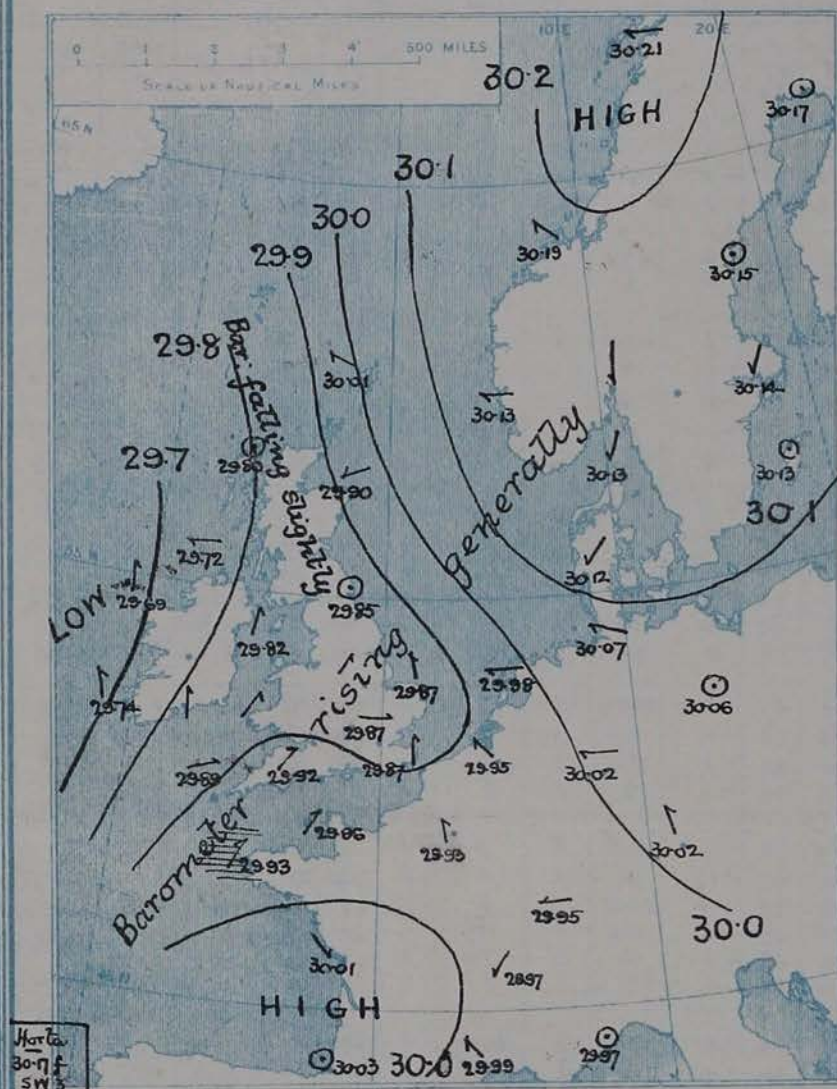
## I. BAROMETER, WIND AND SEA. *This Morning.*

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, July 28<sup>th</sup>*

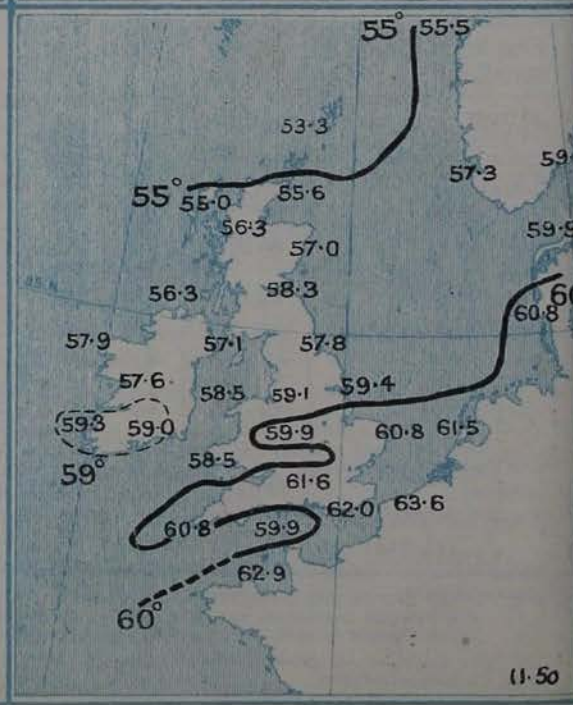


## V. Averages of DAILY TEMPERATURE

*at 8 A.M. for the monthly period*

**JULY - AUGUST**

*(Derived chiefly from Observations extending over the 35 Years 1871-1905.)*





# GENERAL SITUATION AT 8 A.M.

## PRESSURE

Since yesterday morning a shallow low pressure system has advanced over Great Britain from the Bay of Biscay and its neighbourhood, while the depression which then lay off the west of Ireland has moved more to the northward, and the high pressure system over Scandinavia has maintained its position. The barometer now ranges from 30.21 ins. at Bodø to 29.85 ins. at Nottingham, and to 29.69 ins. at Blacksod Point. Pressure is increasing slightly over France and the south of our Islands, falling a little over Scotland and the north of England.

## WIND

Slight or moderate southerly winds are reported from Ireland, but over Great Britain the wind is more variable in direction under the influence of the shallow low pressure system. Over the English Channel and the southern counties of England it is light from the south-westward, on the east coast light from the south-eastward and in Scotland light from the north-eastward. Within the anticyclonic region over Scandinavia calms or light easterly airs are prevalent.

## TEMPERATURE

Temperature has fallen slightly in several parts of the United Kingdom, but risen quickly at Hain and Stornoway. At the former station the thermometer is 67°; in London and at some other south-eastern and southern stations 66°, and about 60° along the west and south coast of Ireland; at Wick and Lumburg Head the reading is 52°. On the Continent the values range from 74° at Nice, Lyons and Stockholm to 60° at Christiansund, and to 59° at Brest.

## WEATHER

The weather is fair to very fine and bright at nearly all the continental stations except Christiansund where fog prevails. Over our Islands the sky is more cloudy, and in some places quite overcast, while showers are falling at Valencia, and rain at Leth. Thick wet fog is reported all along the east coast of Scotland and in the Shetlands.

## AND

The sea is moderate off the west of Ireland, slight or smooth in most other places. During yesterday the thermometer rose to 93° at Lyons, 88° at Paris, 81° at Nottingham and Oxford, and to 80° at Bath. Bright sunshine was very abundant over England. About three-tenths of an inch of rain has fallen in Ireland and at Brest, and smaller amounts at a few stations in Great Britain; a slight thunderstorm was experienced at Nottingham at 5 a.m.

## SEA

## PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow low pressure system over Great Britain is likely to be accompanied by a close atmospheric condition, and some local showers and thunderstorms, but as a whole the weather will probably be fair although less bright than of late.

## FORECASTS\*

For the 24 hours ending at NOON on 1<sup>st</sup> August, 1906.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	E <sup>ly</sup> and S.E <sup>ly</sup> winds, light; cool, with some fog along east coast; warm inland, with thunderstorms locally.	6 { SCOTLAND WEST	S <sup>ly</sup> and S.E <sup>ly</sup> winds, light; warm and close, mostly fair, but thunderstorms probable locally.
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.	E <sup>ly</sup> and S.E <sup>ly</sup> or variable winds; close, thunderstorms locally.	8 { ENGLAND S.W.	S.W <sup>ly</sup> and W <sup>ly</sup> winds, light; fair generally; warm.
3 { ENGLAND EAST	S <sup>ly</sup> and S.W <sup>ly</sup> or variable winds; fair generally, but local showers or thunderstorms; warm, close.	9 { IRELAND NORTH	S <sup>ly</sup> winds, light or moderate; fair as a whole, but some local showers.
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH			
		WARNINGS	NONE ISSUED.

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

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



## DAILY WEATHER REPORT.

31<sup>st</sup> JULY, 1906

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Strathpeffer, to 6 p.m. ...	66	49	*	6.0	-	† Brighton ... ..	78	61	*	13.0	0.03
Blackpool, to 9 p.m. ...	76	51	c, t, c, o	5.8	0.08	† Eastbourne, to 6 p.m. ...	69	61	c, b, c, b, o	13.7	0.03
Southport, to 9 p.m. ...	76	51	c, o, p, c	4.4	0.03	Bexhill-on-Sea, to 9 p.m.					
† Rhyl, to 6 p.m. ...	79	48	b, c, b, b, c	8.7	-	† Hastings ... ..	*	*	*	13.8	*
Llandudno, to 9 p.m. ...	78	53	b, c, p	8.5	-	† Folkestone, to 6 p.m. ...	79	61	b	13.5	-
Bettws-y-Coed, to 6 p.m.	78	47	b, c, b, b, c	5.0	-	Broadstairs, to 6 p.m. ...	*	*	*	13.4	*
Towyn, to 6 p.m. ...	72	49	c, b, b, c	6.5	-	† Margate, to 6 p.m. ...	69	61	b	13.0	0.02
Aberystwyth, to 6 p.m. ...	72	54	o, c, b	9.5	-	† Lowestoft, to 6 p.m. ...	67	59	c, o, r, c	12.7	0.05
Plymouth, to 9 p.m. ...	71	51	b, c	8.2	-	† Skegness ... ..	66	61	r, b, b, c	13.5	0.08
Torquay, to 6 p.m. ...	70	54	*	9.8	-	Scarborough, to 6 p.m. ...	66	56	*	8.1	0.01
† Bournemouth, to 6 p.m. ...	74	53	*	11.2	-	† Harrogate, to 6 p.m. ...	73	52	c	4.7	-
Bognor, to 6 p.m. ...	*	*	b	12.9	*	Darwen, to 9 p.m. ...	73	51	b, c, m, o, m, g	5.4	-
† Worthing ... ..	74	58	b, c	13.1	0.03	Manchester, to 9 p.m. ...	77	54	c, b, b, c	?	-
						Birmingham, to 9 p.m. ...	78	57	c	7.5	-

† At this station the amount of Bright Sunshine given is for the whole day, ending with sunset.

## 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, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 30 <sup>th</sup> July, 1906.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Flushing ... ..	75	63	b, c	-	Rome ... ..	88	70	b, b	-
Aix-la-Chapelle ... ..	81	63	b, b	-	Naples ... ..	82	71	b, b	-
Copenhagen ... ..	73	61	b, b	-	Malta ... ..	83	73	b	-
Oxö (Christiansand) ... ..	68	61	c, b, c	-					
St. Petersburg ... ..	73	63	b, b	-	Geneva 29 <sup>th</sup> July, 1906	1 p.m.		1 p.m.	Measured 7 a.m.
Vienna ... ..	75	59	b, b	0.16	Berne ... ..	Observations		not received	
Buda-Pesth ... ..	81	61	b, c, b	-	Lucerne ... ..	*			
Hermanstadt ... ..	81	59	o, c	-	Coire ... ..	*			
Trieste ... ..	84	70	b, b	-	St. Gotthard ... ..	*			
Florence ... ..	83	67	b, b	-	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 ... ..	8 a.m. (West European)	8 a.m.	6 p.m.* (W.E.T.)	6 p.m.*
Holland ... ..	7 a.m. ( " " )	7 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.
Belgium ... ..	7 a.m. (West European)	7 a.m.	Not published	—
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, 1906.	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

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.  
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW (Director).

\* At Oxford the observations are taken at 8 p.m.



# ADDITIONS AND CORRECTIONS TO THE

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

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun- shine.	Rainfall		
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).		At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12).		Max.	Min.					
		Ins.	°				Ins.	Ins.	°	°	°										
1 <sup>st</sup>	Biarritz.	30.11	66	NW	1	b	30.06	-	62	-	-	ESE	1	0	1	70	57	-	-	-	
2 <sup>nd</sup>	Corunna.	30.29	63	N	5	o	30.10	-	59	57	-	NNW	1	f	1	64	55	-	-	-	
3 <sup>rd</sup>	P. Delgada.	30.32	68	N	1	b	30.30	-0.01	69	65	0	N	4	c	2	75	66	-	-	-	
4 <sup>th</sup>	P. Delgada.	30.35	66	NNE	3	+	30.37	+0.07	67	64	-2	NNE	4	+	3	73	64	-	-	-	
5 <sup>th</sup>	Corunna.	30.17	63	NW	3	bc	30.21	-	60	57	-	NW	1	f	2	64	55	-	-	-	
6 <sup>th</sup>	Corunna.	30.22	64	NW	3	f	30.21	-0.00	57	55	-3	NW	1	f	2	64	52	-	-	-	
7 <sup>th</sup>	Corunna.	30.17	63	NW	1	f	30.21	-0.00	63	59	+6	WNW	1	o	3	68	57	-	-	0.04	
8 <sup>th</sup>	Perpignan.	29.95	77	NW	2	c	29.99	-0.00	64	-	-4	NW	4	o	-	83	61	-	-	0.04	
9 <sup>th</sup>	Corunna.	30.31	69	NNW	1	bc	30.36	+0.07	66	62	+2	NNE	3	b	3	73	59	-	-	-	
10 <sup>th</sup>	Corunna.	30.35	68	NNW	3	o	30.37	+0.01	63	59	-3	N	5	o	5	70	61	-	-	-	
11 <sup>th</sup>	Corunna.	30.37	64	N	5	o	30.14	+0.23	60	58	-3	NNW	3	o	5	68	59	-	-	-	
12 <sup>th</sup>	Corunna.	30.41	64	NNW	5	bc	30.41	+0.27	61	58	+1	N	1	o	5	64	57	-	-	-	
13 <sup>th</sup>	Lyons.	30.10	61	NE	1	c	30.19	+0.03	56	?	-2	NW	2	o	-	72	51	-	-	0.08	
"	Corunna.	30.36	63	NNW	5	bc	30.38	-0.03	63	59	+2	NNW	1	f	5	64	57	-	-	-	
14 <sup>th</sup>	Lyons.	30.17	64	NW	2	bc	30.19	-0.00	61	?	+5	N	1	b	-	68	49	-	-	-	
"	Corunna.	30.37	66	NNW	5	b	30.41	+0.03	62	61	-1	NNW	1	f	3	66	59	-	-	-	
"	P. Delgada.	30.45	67	ENE	4	+	30.44	-0.02	67	63	-1	NE	4	+	3	73	64	-	-	-	
15 <sup>th</sup>	Corunna.	30.40	64	NNW	1	b	30.41	-0.00	64	61	+2	NNW	1	b	2	68	59	-	-	-	
16 <sup>th</sup>	Corunna.	30.38	64	NNW	1	b	30.37	-0.04	64	61	0	NNW	1	b	5	66	59	-	-	-	
17 <sup>th</sup>	Corunna.	30.20	67	NNW	3	o	30.05	-0.32	64	61	0	NNE	1	b	3	72	57	-	-	-	
"	P. Delgada.	30.28	68	Z	0	o	30.21	-0.13	67	64	0	Z	0	o	2	72	63	-	-	-	
18 <sup>th</sup>	P. Delgada.	30.16	69	SW	2	b	30.14	-0.07	68	66	+1	Z	0	bc	3	73	64	-	-	0.16	
19 <sup>th</sup>	Corunna.	30.19	64	W	1	b	30.21	-	64	60	-	NNW	1	o	3	68	59	-	-	-	
20 <sup>th</sup>	Brest.	30.06	61	W	4	m	30.00	+0.02	59	-	-1	WNW	3	c	3	64	55	-	-	-	
"	Lyons.	30.01	80	S	1	b	30.06	-0.06	70	62	-2	NW	1	bc	-	95	63	-	-	0.04	
"	P. Delgada.	?	69	E	1	bc	30.29	+0.03	69	66	0	SSW	4	o	4	77	66	-	-	0.04	
21 <sup>st</sup>	Corunna.	30.23	68	WNW	1	bc	30.17	-	68	64	-	NNW	1	o	3	70	63	-	-	-	
"	P. Delgada.	30.29	69	SSW	1	o	30.27	-0.02	68	66	-1	SSE	1	o	3	75	66	-	-	0.04	
24 <sup>th</sup>	Biarritz.	30.13	69	WSW	4	o	30.08	-0.05	67	-	-3	WSW	3	o	2	72	63	-	-	0.04	
"	Corunna.	30.23	66	NW	1	bc	30.20	?	63	62	?	NNW	1	f	3	72	59	-	-	-	
25 <sup>th</sup>	Corunna.	30.20	66	NNW	5	o	30.09	-0.11	63	59	0	NNE	1	b	3	70	57	-	-	-	
26 <sup>th</sup>	Corunna.	30.09	68	NNE	3	bc	30.05	-0.04	64	61	+1	SSW	3	o	3	72	59	-	-	-	
"	P. Delgada.	30.06	70	NNE	2	b	30.12	+0.10	72	68	0	N	1	bc	3	75	66	-	-	-	
27 <sup>th</sup>	Corunna.	30.08	68	SSW	3	o	30.21	-0.16	64	61	0	SSW	1	b	5	75	59	-	-	?	
"	P. Delgada.	30.17	69	N	1	b	30.17	+0.05	72	68	0	W	1	bc	2	77	66	-	-	-	
28 <sup>th</sup>	Corunna.	30.01	64	WSW	1	b	30.09	-0.12	63	57	-1	WSW	1	b	6	75	58	-	-	-	
30 <sup>th</sup>	Corunna.	30.04	66	W	3	b	30.09	?	63	59	?	NW	1	o	1	68	57	-	-	0.12	
31 <sup>st</sup>	Corunna.	29.96	70	W	3	b	30.13	+0.04	64	62	+1	W	1	o	3	75	59	-	-	-	
"	P. Delgada.	30.20	65	N	1	b	30.18	+0.10	70	64	+1	SSE	1	b	2	73	64	-	-	-	



# REPORTS FOR July, 1906.

## 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 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.			Max.	Min.			
		Ins.	°				Ins.	Ins.	°	°	°								
2 <sup>nd</sup>	Haparanda.	29.72	-	E	2	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Stockholm.	29.85	-	SW	4	0	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Birr Castle.	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	-	-	-
"	Scilly.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-
3 <sup>rd</sup>	Malin Head.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	-
"	London.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	-
4 <sup>th</sup>	Portland Bill.	-	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Nice.	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
6 <sup>th</sup>	Pembroke.	-	-	-	-	-	29.96	-0.05	-	-	-	-	-	-	-	-	-	-	-
"	Spurn Head.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	-	-
"	Yarmouth.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-
11 <sup>th</sup>	Haparanda.	-	-	-	-	-	30.05	-0.09	-	-	-	-	-	-	-	-	-	-	-
"	Nairn.	-	-	-	-	-	-	-	-	-	-	-	-	-	64	-	-	-	-
12 <sup>th</sup>	Sumburgh Head.	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	-	-	-
"	Donaghadee.	-	-	-	-	-	-	-	-	-	-	W	-	-	-	-	-	-	-
"	Liverpool Obsy.	-	-	-	-	-	-	-	-	-	-	-	-	2	-	53	-	-	-
"	Pembroke.	-	-	-	-	-	-	-	-	-	-	NW	-	-	-	-	-	-	-
13 <sup>th</sup>	The Helder.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.39	-
"	Birr Castle.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27	-
"	Liverpool Obsy.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-	-
14 <sup>th</sup>	Pembroke.	-	-	NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Scilly.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07
"	Wick.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-
15 <sup>th</sup>	Stockholm.	29.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16 <sup>th</sup>	Blacksea Pt.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-	-
17 <sup>th</sup>	Sumburgh Head.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-
"	Spurn Head.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-
18 <sup>th</sup>	Birr Castle.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	-	-
19 <sup>th</sup>	Haparanda.	-	-	-	-	-	29.57	-	-	-	-	-	-	-	-	-	-	-	-
"	Malin Head.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.19	-
"	Blacksea Pt.	-	-	-	-	-	-	-	-	-	-	-	-	-	60	48	-	-	-
"	Leith.	29.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Perpignan.	30.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 <sup>st</sup>	Valencia.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-
22 <sup>nd</sup>	Jersey.	-	-	-	-	-	-	-	-	61	-	-	-	-	-	-	-	-	-
"	Bath.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-	-
23 <sup>rd</sup>	Valencia.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-
24 <sup>th</sup>	Liverpool Obsy.	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-	-	-
"	Wick.	-	-	-	-	-	-	-	-	-	-	-	-	-	61	-	-	-	-
26 <sup>th</sup>	Liverpool Obsy.	-	-	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-	-
"	Yarmouth.	30.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Nottingham.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-
28 <sup>th</sup>	North Shields.	-	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30 <sup>th</sup>	Birr Castle.	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	-	-	-
31 <sup>st</sup>	Pembroke.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14
"	Clacton-on-Sea.	-	-	-	-	-	-	-	64	-	-2	-	-	-	-	-	-	-	-