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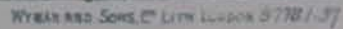
METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE, 1897.

January to June 1897.

January to June 1897.



DAILY WEATHER REPORT

for 8 a.m. on *Tuesday 1st June, 1897.*
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.			BAROMETER.	TEMPERATURE.	WIND.											
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.
SCANDINAVIA.	Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
	Haparanda ...	30.26	57	2	0	b													
	Hernösand ...	30.26	61	2	0	b													
	Stockholm ...	30.21	62	ESE	2	0													
	Wisby ...	30.16	49	ENE	4	0													
	Karlstad ...	30.16	71	SW	2	b													
	Bodö ...	30.22	55	NE	1	b													
	Christiansund ...	30.14	71	WSW	7	c													
	Skudesnaes ...	30.21	58	S	2	bc													
	Færder (Christiania Fjord)	30.19	68	W	1	b													
BRITISH ISLANDS.	Skagen (The Scaw)	30.18	61	NE	1	b													
	Fanø ...	30.11	65	SE	2	b													
	Sumburgh Head	29.99	48	SSW	1	f													
	Stornoway ...	29.95	59	E	2	bc													
	Wick ...	30.01	59	N	1	b													
	Nairn ...	29.94	63	ESE	1	bc													
	Aberdeen ...	30.03	55	S	2	b													
	Leith ...	29.97	58	NNE	1	b													
	Shields ...	29.98	55	SE	3	bm													
	Spurn Head ...	30.01	52	ESE	4	c													
GERMANY & HOLLAND.	York ...	29.99	61	S	1	b													
	Loughborough ...	29.97	68	SSE	1	bc													
	Ardrossan ...	29.93	53	ESE	2	bc													
	Malin Head ...	29.79	57	ESE	5	cq													
	Belmullet ...	29.72	58	SE	3	bc													
	Donaghadee ...	29.91	55	SSE	6	bq													
	Liverpool (Bidston)	29.93	65	SSE	2	b													
	Holyhead ...	29.92	57	S	2	b													
	Parsonstown ...	29.77	55	SE	3	o													
	Valencia ...	29.65	57	SSE	5	c													
FRANCE & BELGIUM.	Roche's Point ...	29.76	53	S	5	p													
	Pembroke (St. Ann's Hd.)	29.89	55	SSW	4	bc													
	Seilly ...	29.85	55	S	5	c													
	Prawle Point ...	29.96	53	S	3	c													
	Jersey (St. Aubin's)	29.94	60	SE	3	op													
	Hurst Castle ...	29.98	60	ESE	1	c													
	Dungeness ...	30.00	57	NE	2	bc													
	North Foreland	30.03	55	E	2	bc													
	London (Brixton) ...	29.99	61	S	2	c													
	Oxford ...	29.99	60	SSW	1	o													
PENIN- SULA.	Cambridge ...	30.00	68	SSE	1	bc													
	Yarmouth ...	30.02	56	ESE	2	b													
	Cuxhaven ...	30.04	66	E	3	b													
	Berlin ...	30.05	71	E	2	b													
	Wiesbaden ...	#	#	#	#	#													
	Munich ...	30.03	60	E	2	b													
	The Helder ...	29.99	59	N	2	b													
	Brussels ...	#	#	#	#	#													
	Cape Gris Nez ...	29.99	56	E	2	bc													
	Paris ...	29.93	70	NE	2	b													
FRANCE & BELGIUM.	Brest ...	29.90	57	S	3	o													
	Lorient ...	29.97	53	S	3	r													
	Rochefort ...	29.86	64	NW	4	c													
	Belfort ...	29.86	73	NE	3	c													
	Lyons ...	29.84	78	E	1	b													
	Nice ...	29.90	71	SW	1	b													
	Perpignan ...	29.87	64	NE	3	o													
	Biarritz ...	29.86	60	WNW	4	c													
	Corunna ...	30.03	57	NNW	4	b													
	Lisbon ...	30.03	57	NNW	4	b													
PENIN- SULA.	Azores (P. Delgada)																		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southampton 14.5 hrs;

WEATHER CHARTS

FOR TUESDAY, 1st JUNE, 1897.

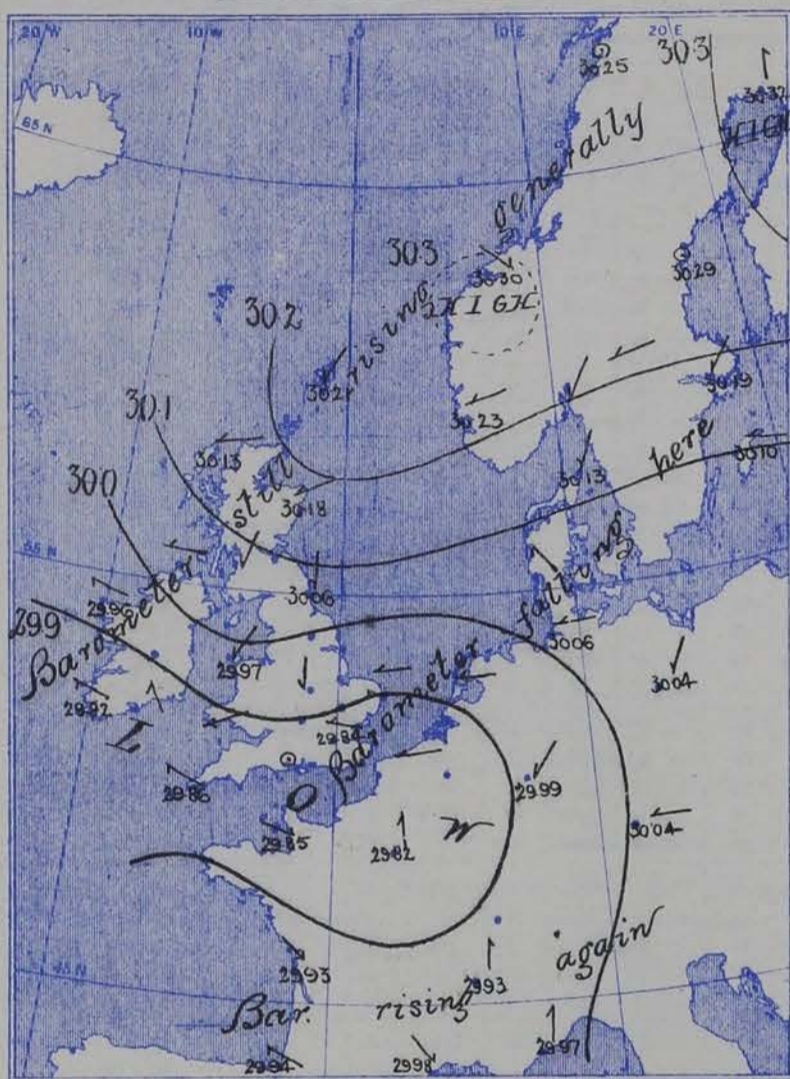
BAROMETER, WIND AND SEA.

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 ≡≡≡

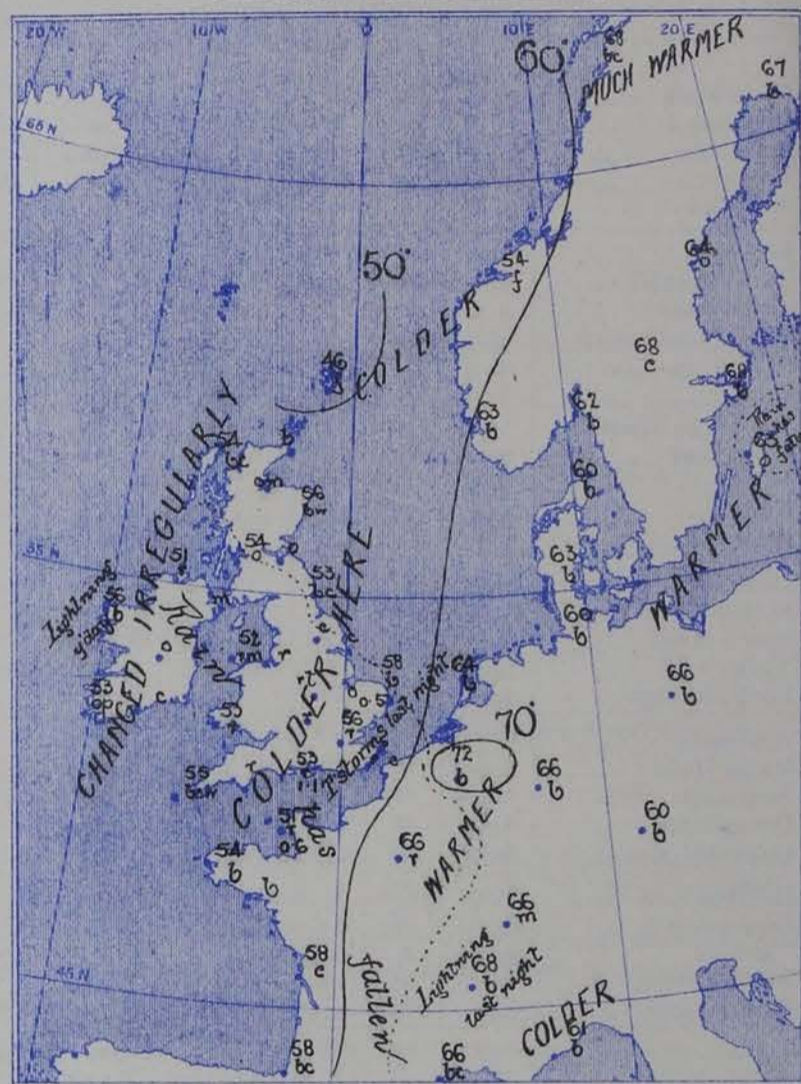


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Seilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.32 ins. at Haparanda, 30.30 ins. at Christiansund; 30.1 ins. and upwards in an anticyclone embracing the whole of Scandinavia and the N^m parts of our Islands & the North Sea. *Lowest* 29.9 ins. and less in a large shallow depression over the S. of our Islands, the Netherlands & the N^m parts of France. *Gradients* slight. *Barometer* falling in the E. of England and also in the Netherlands, Denmark and the south of Sweden, rising in most other localities.

TEMPERATURE

Highest 72° at Brussels, 68° at Rode, Stockholm, Karlstad and Lyons, 67° at Haparanda, and 66° at Berlin, Wiesbaden, Paris and Belfort. *Lowest* 46° at Sunningh H^d, 51° at Malin H^d, Prawle P^t and Jersey, and 52° at Leith, Loughborough, Donaghadee and Holyhead. During yesterday the thermometer rose to 65° and upwards in many parts of Gt. Britain, and to 71° at Leith, Loughborough, London and Cambridge.

WIND

Light from the End or NEnd over the greater part of our Islands, as well as in the Netherlands, Germany, Denmark and the south of Scandinavia. Calm or variable over the N^m parts of Scandinavia, and also in the W. of France, light from the Snd over central and southern France.

WEATHER

Dull and rainy over the greater part of England and the N. of France, with thunder at Loughborough. Fine in most other parts of our area, but cloudy and showery at some of the Irish stations. In the course of the past night thunderstorms have occurred in many parts of England and France, heavy rain has fallen at some of our own S^m stations, — as much as 1.1 ins. at Hurst Castle. A solar halo was seen yesterday at Oxford, and a parhelion and faint mock sun in London.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The low pressure system in the south is inclined to fill up, but the general conditions are likely to remain very unsettled, and thunderstorms are still probable in many parts of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on

2ND JUNE.

1897.

DISTRICTS.

FORECASTS.

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

End winds, light or moderate, fair generally.

NEnd winds, light, close and changeable, with rain and thunder in most places.

End to variable breezes, unsettled at first, with local thunder-showers, improving temporarily later.

DISTRICTS.

FORECASTS.



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

WARNINGS

Same as Nos 2 to 4.

End and SEnd winds, moderate, unsettled, some showers, thunder locally.

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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.		THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.								Dry.	Wet.				
Skudesnaes ...	30.14	60	55	S	6	o	4	Valencia ...	29.58		58	53	SSE	5	c	5
Sumburgh Head ...	29.88	50	49	SE	3	m	6	Scilly ...	29.81		58	55	S	5	b	4
Stornoway ...	29.89	61	58	SSW	2	bc	2	Jersey ...	29.98		62	57	ESE	3	op	3
Aberdeen ...	29.97	58	53	SSE	4	bq	3	Hurst Castle ...	30.00		60	57	SE	1	c	2
Shields ...	29.95	55	51	ESE	2	bm	2	Dungeness ...	30.03		60	57	SSW	1	c	1
Ardrossan ...	29.88	58	57	SSE	1	c	2	North Foreland ...	30.03		60	55	SE	2	bc	1
Malin Head ...	29.70	59	57	ESE	6	c	3	London (Westminster) ...	29.99		67	55	S	2	bc	#
Belmullet ...	29.64	59	55	SSW	3	cl	*	Yarmouth ...	30.02		57	55	ESE	3	bc	3
Holyhead ...	29.88	63	55	S	4	b	3	Rocheport ...	29.94		61	59	NNW	3	r	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over the greater part of our Islands and the Continent, but showery at several of our southwestern stations. Dull over the Spanish Peninsula, as well as in many parts of Russia and eastern Austria, with rain at Riga and Lemberg. Solar halo seen during day at Oxford and a parhelion and faint mock sun in London. Thunderstorms and heavy rain occurring in evening or night in many parts of England and France.

Temperature fallen over the Spanish Peninsula, the west and north of France and N. Germany, but risen in most other localities. Morning readings highest (1) 75° at Spaa, 72° at Toulon, 71° at Nice, and 69° at Algiers; (2) 69° at Stockholm, and 68° at Hernösand, ^{about} 65° in many parts of Sweden and N. Russia. Lowest 49° at Sumburgh H., 51° at Stornoway and Wick, and 52° at Belmullet and Roche's Point. Rising during day to 65° and upwards in many parts of Gt. Britain and exceeding 70° in a few places, exceeding 80° over the central and southern parts of France.

Wind S. or SE. over western Europe as a whole, and fresh or strong in force on our own western coasts, as well as on the eastern shores of the North Sea. Light from between N. and E. in most other parts of the Continent, but rather variable over the Spanish Peninsula and the extreme south of France. Distinct cyclonic circulation appearing later over France; no decided change occurring elsewhere.

Barometer highest 30.33 ins. at Kuopio; 30.1 ins. and upwards in an anticyclone lying over N. Europe generally. Lowest 29.5 ins. and less in a depression off the W. of Ireland; 29.8 ins. and less in two shallow systems lying respectively over Asia Minor and over the extreme S. of Russia. Irish depression subsequently moving away to the westward, but new disturbance forming over France and spreading steadily northwards.

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.
N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 2nd June, 1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	Barom.	Temp.	Wind.			Barometer.	Temperature.			Wind.					Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Temp.		
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)				Max.	Min.	Rainfall.
SCANDINAVIA.	Haparanda ...	30.18	64	2	0	3		30.21	70	61	+ 3	2	0	b	#	b	#	79	46	—
	Hernösand ...	30.25	61	2	0	3		30.24	67	60	+ 3	2	0	c	#	b	#	81	50	—
	Stockholm ...	30.19	64	E	2	0		30.17	69	62	+ 1	ENE	4	b	#	0	#	72	59	—
	Wisby ...	30.11	59	E	4	0		30.09	67	64	+ 4	SE	4	0	#	0	#	67	46	0.20
	Karlstad ...	30.17	69	ENE	2	0		30.19	69	62	+ 1	NNE	2	0	#	0.7	#	#	#	—
	Bodö ...	30.29	49	SW	4	0		30.46	46	45	— 22	NE	2	0	1	0	#	68	46	—
	Christiansund ...	30.39	52	N	2	f		30.41	52	49	— 2	NE	6	f	3	f	#	59	50	—
	Skudesnaes ...	30.12	68	N	2	b		30.21	66	60	+ 3	2	0	f	0	f	#	75	50	#
	Færder (Christiania Fjord)	30.18	68	N	1	bc		30.20	65	63	+ 3	N	2	0	1	bc	#	72	62	—
	Skagen (The Scaw)	30.16	65	E	1	c		30.14	62	59	+ 2	NE	1	0	0	e	#	73	59	—
BRITISH ISLANDS.	Faro ...	30.07	66	E	2	b		30.06	65	63	+ 2	ENE	2	b	#	b	#	81	59	—
	Sumburgh Head	30.24	48	NE	4	f		30.26	47	46	+ 1	NE	5	c	6	f	#	48	44	—
	Stornoway ...	30.11	58	E	3	c		30.14	57	51	— 2	E	4	bc	4	f	#	7.8	59	4.5
	Wick ...	30.22	48	E	3	f		30.25	47	46	— 8	E	3	f	2	f	#	58	40	—
	Nairn ...	30.10	53	E	4	o		30.18	50	48	— 6	E	1	om	1	f	#	62	48	—
	Aberdeen ...	30.14	51	NNE	3	bc		30.20	56	53	0	NE	2	b	2	bc, bc	11.7	57	48	—
	Leith ...	30.03	53	ENE	3	o		30.10	54	52	+ 2	ENE	2	o	#	o	#	57	48	—
	Shields ...	29.97	53	N	2	c		30.05	53	51	0	N	1	c	2	p.c. blr	#	55	48	0.16
	Spurn Head ...	29.88	54	ESE	3	c		30.00	55	55	+ 1	NN	1	f	3	c.p	#	59	52	0.01
	York ...	29.88	63	E	2	c		30.03	58	55	— 2	N	1	f	#	c	5.5	69	53	0.02
GERMANY & HOLLAND.	Loughborough ...	29.87	65	SE	1	c		30.05	59	55	+ 7	WSW	2	bcw	#	opt. bc	#	66	52	0.23
	Ardrossan ...	29.91	51	NNE	4	omw		30.05	53	53	— 1	NNE	1	o	1	omp. blr	#	57	51	0.10
	Malin Head ...	29.89	50	E	4	rm		30.12	55	54	+ 4	ESE	2	bcw	0	rm	#	56	49	0.50
	Belmullet ...	29.92	55	ENE	1	om		30.00	57	53	+ 1	SSE	2	b	#	o. omw	#	59	46	—
	Donaghadee ...	29.86	54	E	5	r		30.06	51	51	— 1	SSW	3	bcw	1	r	#	54	48	0.51
	Liverpool (Bidston)	29.85	60	S	1	r		30.07	58	51	— 3	NN	1	o	1	blr	#	61	51	0.40
	Holyhead ...	29.87	52	SW	1	dm		30.07	53	52	+ 1	SW	1	omw	0	rm, dm	#	53	47	0.74
	Parsonstown ...	29.86	57	2	0	c		30.02	57	53	+ 2	S	1	b	#	c.p	0.0	58	44	—
	Valencia ...	29.83	60	SE	3	bc		29.91	56	53	+ 3	ESE	4	cp	3	bc	9.4	62	51	0.12
	Roche's Point ...	29.90	56	SE	3	bc		29.98	55	52	+ 1	SSE	4	bc	4	bc	#	58	51	—
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	29.91	53	WNW	2	c		30.04	55	53	+ 2	ESE	3	b	2	c	3.7	55	50	0.04
	Seilly ...	29.90	57	SSE	2	bc		29.98	57	55	+ 2	SE	4	cm	3	bc	11.3	61	52	—
	Prawle Point ...	29.95	54	WSW	3	bc		30.06	55	54	+ 4	ENE	2	bc	1	bc, f	#	56	47	0.06
	Jersey (St. Aubin's)	29.97	58	SE	3	bc		30.05	61	56	+ 10	ESE	4	bcw	3	bc	#	62	50	0.11
	Hurst Castle ...	29.95	56	SW	4	bc		30.08	59	52	— 1	2	0	cm	0	om, bc	#	57	47	0.65
	Dungeness ...	29.93	55	WSW	5	o		30.05	59	57	+ 5	WNW	2	c	1	c, o, f	#	64	51	0.04
	North Foreland	29.91	68	SW	2	bc		30.07	61	58	+ 4	W	3	c	2	bc	#	73	51	—
	London (Brixton) ...	29.91	65	WSW	2	bc		30.07	56	54	0	2	0	c	#	att. bc, b	2.6	68	48	0.01
	Oxford ...	29.96	56	WSW	1	o		30.08	54	53	0	SSW	1	o	#	r, o	#	62	47	0.23
	Cambridge ...	29.89	68	S	1	b		30.07	59	57	+ 3	SW	1	omw	#	o, b	2.5	73	50	—
PENIN- SULA.	Yarmouth ...	29.88	61	SE	2	b		30.01	64	61	+ 6	WNW	2	b	3	b	#	64	54	0.01
	Cuxhaven ...	30.01	70	N	2	b		30.03	65	62	+ 5	NE	1	b	#	b	#	72	60	—
	Berlin ...	30.01	70	NE	3	c		30.04	66	61	0	NW	3	b	#	c	#	75	59	—
	Wiesbaden ...	#	#	#	#	#		30.02	65	62	— 1	2	0	b	#	#	#	79	57	—
	Munich ...	30.06	64	E	1	b		30.10	66	62	+ 6	E	1	b	#	#	#	73	50	—
	The Helder ...	29.92	68	E	1	b		30.00	63	59	— 1	SW	1	b	1	b	#	75	63	—
	Brussels ...	#	#	#	#	#		30.05	63	58	— 9	NW	1	b	#	b	#	83	50	—
	Cape Gris Nez ...	29.93	55	W	4	o		30.04	54	53	— 2	W	1	f	1	o	#	72	50	—
	Paris ...	30.03	68	WSW	3	b		30.06	54	54	— 12	WNW	2	#	#	#	#	75	53	0.24
	Brest ...	29.94	58	SSW	2	bc		30.00	55	54	+ 1	E	1	b	1	bc	#	63	48	—
GERMANY & HOLLAND.	Lorient ...	29.99	59	SSW	2	b		30.01	55	53	0	ENE	2	b	3	b	#	66	50	—
	Rochefort ...	29.93	63	NW	4	c		29.98	61	60	+ 3	NE	3	bc	#	bc, c, blr	#	70	57	0.24
	Belfort ...	29.91	76	W	1	c		29.96	67	62	+ 1	E	3	bc	#	c	#	81	55	—
	Lyons ...	29.90	76	SSE	1	b		29.98	64	58	— 4	S	1	c	#	b	#	85	58	—
	Nice ...	29.97	68	W	2	c		30.00	67	59	+ 6	W	1	b	0	b	#	77	55	—
	Perpignan ...	29.90	73	NE	1	bc		29.99	66	62	0	ENE	3	bc	#	bc	#	74	56	—
	Biarritz ...	29.86	63	E	3	b		29.96	61	60	+ 3	W	3	o	2	blr, h	#	68	58	0.83
	Corunna ...	30.05	58	WNW	3	b		30.08	61	55	+ 1	SW	2	bc	#	b	#	66	55	0.04
	Lisbon ...	30.11	59	WNW	2	c		30.05	60	56	+ 3	SW	4	c	3	c	#	64	55	—
	Azores (P. Delgada)																			

For Explanation of Columns, see bottom of last page.

* Received too late for insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 0.0 hrs;

WEATHER CHARTS

FOR WEDNESDAY, 2nd JUNE, 1897.

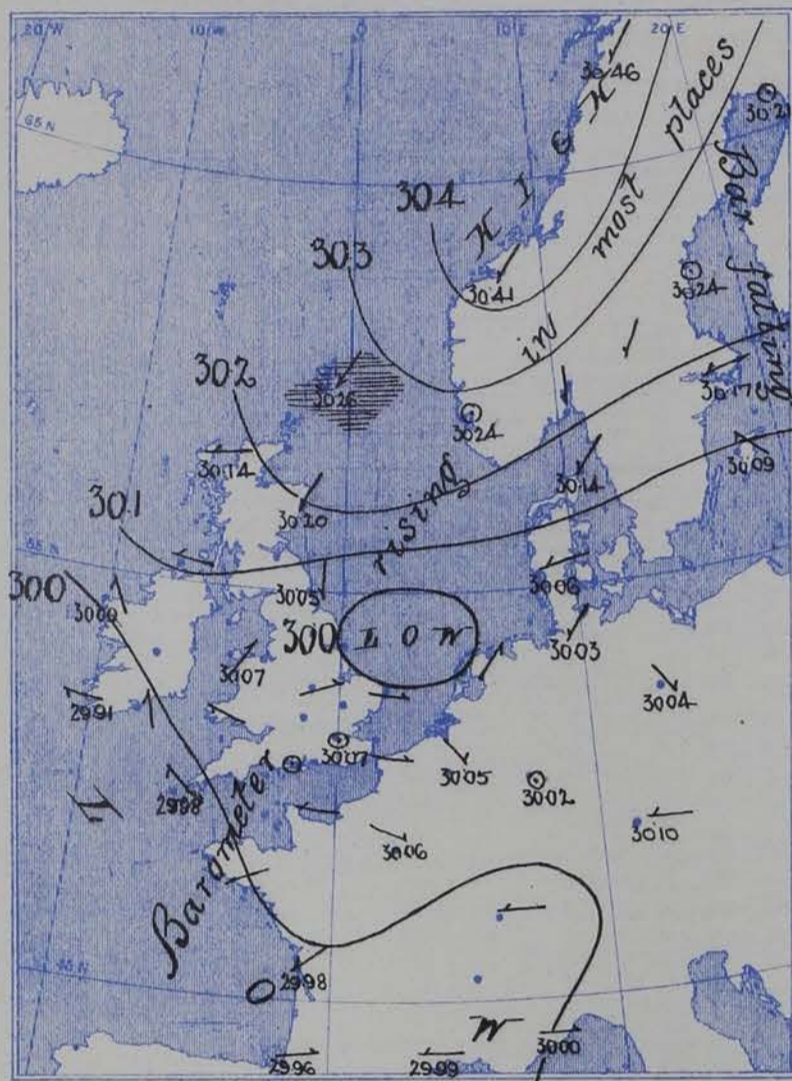
BAROMETER, WIND AND SEA.

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

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

Force above 10 → : Force 5 to 7 → : } Calm ○
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough : High

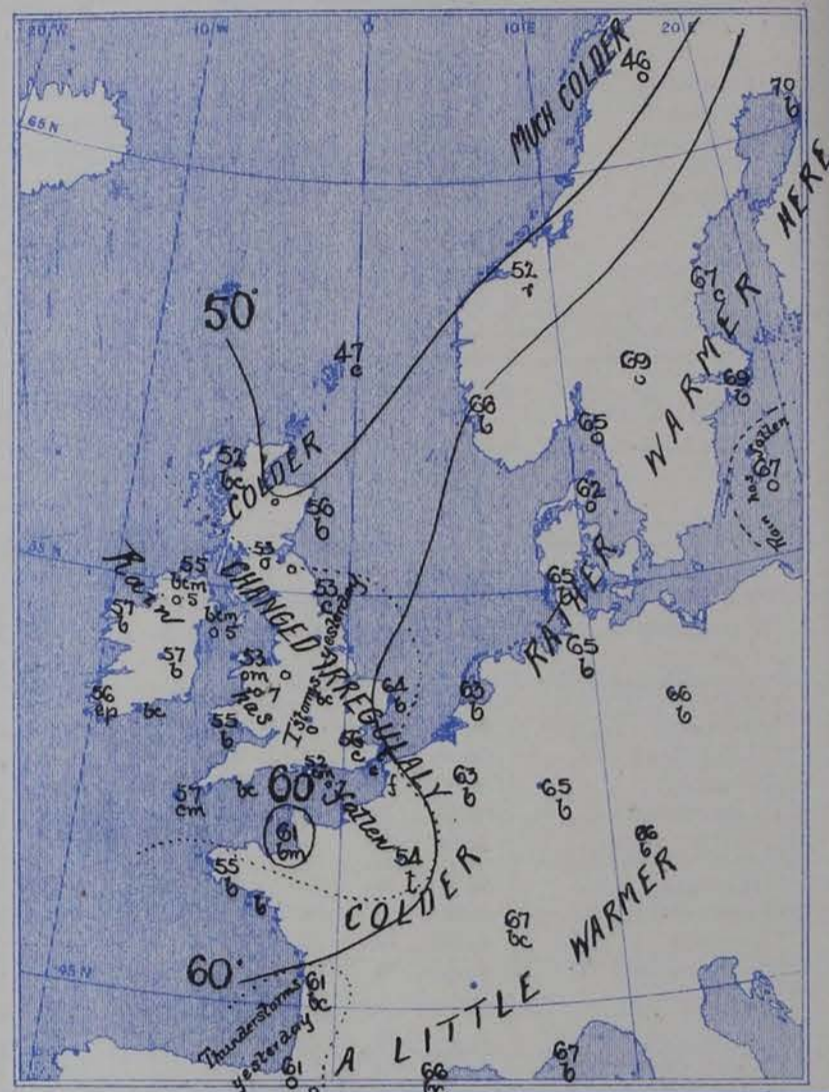


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.4 ins. and upwards in the west of Norway; 30.1 ins. and upwards in an anticyclone extending over the whole of Scandinavia, Scotland and the N. parts of the North Sea.
Lowest 30.0 ins. and less in a large shallow area lying over the Bay of Biscay, the extreme SW. of our Islands, the S. parts of France and the N. of Spain, and also in a small depression over the S. parts of the North Sea.
Gradients slight. Barometer rising a little in most places, but falling in Sweden.

TEMPERATURE

Highest (1) 70° at Haparanda, 69° at Stockholm and Karlstad, and 67° at Hernösand and Umeå; (2) 67° at Belfast and Nice.
Lowest 46° at Bodø, 47° at Sumburgh N. and Wick, 50° at Nairn, 51° at Donaghadee, and 52° at Stannaway & Hurst Castle.
During yesterday the thermometer rose to 65° and upwards at several of the English stations, and to 70° at Cambridge and the North Foreland.

WIND

Light to moderate from the SE^{ly} over the southwestern parts of the United Kingdom; E^{ly} or NE^{ly} on our northern coasts, as well as over the greater part of Scandinavia and Denmark, but calm in the north of Sweden.

WEATHER

Light from the W^{ly} over the southeast of England and the neighbouring parts of the Continent, variable in Germany and the S. of France.
Fair or fine over W^{ly} Europe as a whole, but dull in several parts of Gt. Britain, and also in the south of Sweden. Showers are reported at Valencia, and thunder at Paris.

SEA

Heavy rain fell yesterday in several parts of the United Kingdom and France, with thunderstorms in places. The largest amounts measured this morning were 0.8 in. at Biarritz, and 0.7 in. at Holyhead and Hurst Castle.

Slight or smooth generally, but rough at Sumburgh Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depression noticed in the south yesterday morning advanced slowly northwards during the day but has now almost entirely dispersed. Some improvement in the weather seems likely over our Islands, but thunder showers are not improbable at some of the English stations.

FORECASTS

For the 24 hours ending at NOON on 3RD JUNE 1897.

DISTRICTS.

FORECASTS.

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

E^{ly} and NE^{ly} winds, light or moderate; fair generally.
NE^{ly} winds, light, cloudy, thundershowers locally.
SW^{ly} to variable airs, close, fair generally, but local thundershowers.

DISTRICTS.

FORECASTS.

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

Same as No. 2.

SE^{ly} winds, moderate, fair generally, but showers in a few places.

WARNINGS

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.19	75	63	N	4	b	1	Valencia ...	29.84	60	54	SE	3	bc	4
Sumburgh Head ...	30.26	49	47	NE	2	f	4	Scilly ...	29.87	60	59	SSE	2	bc	2
Stornoway ...	30.12	59	58	E	3	o	3	Jersey ...	29.94	59	54	WNW	3	bc	3
Aberdeen ...	30.15	56	52	NE	4	bq	3	Hurst Castle ...	29.88	56	56	SW	3	om	2
Shields ...	30.00	54	52	N	2	c	2	Dungeness ...	29.85	63	61	ENE	1	c	0
Ardrossan ...	29.98	55	55	NNE	3	omp	2	North Foreland ...	29.85	66	61	WSW	2	bc	2
Malin Head ...	29.96	51	51	E	4	rm	1	London (Westminster) ...	29.84	66	62	E	2	o	#
Belmullet ...	29.94	56	55	E	3	o	#	Yarmouth ...	29.86	62	58	ESE	3	b	3
Holyhead ...	29.86	51	51	N	2	rm	1	Rochefort ...	29.98	66	63	NW	2	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning dull and rainy over the greater part of England, Wales and the N. of France, with thunder at Loughborough. Fine in most other parts of western, central and southern Europe, but dull over the eastern parts of the Continent, with rain at Lüneburg, Kiev and Constantinople. Considerable amounts of rain falling later at several of our own and French stations, with thunderstorms in places.

Temperature fallen in England but changed very irregularly elsewhere. Morning readings highest (1) 81° at Spas, 75° at Trieste and Palma, and 74° at La Caille; (2) 75° at Uleaborg, 70° at St. Petersburg, and 68° at several other stations in Scandinavia and N. Russia. Lowest 46° at Sumburgh H., 51° at Malin H., Prawle Point and Jersey, and 52° at Leith, Loughborough, Donaghadee and Holyhead. Rising during day to 65° and upwards in many parts of England, and to 73° at Cambridge and the N. Foreland. Reaching 75° or more over France, Germany and the Netherlands, the highest readings reported being 85° at Lyons, and 83° at Brussels.

Wind light to moderate from the E. or NE. over the greater part of our Islands, as well as over the Netherlands, Denmark, the Baltic, W. Russia and the S. of Scandinavia; calm or variable over the northern parts of Russia and Scandinavia. Light from the N. in Germany, Austria and Italy; variable over the Spanish peninsula and the southern parts of France. Subsequently shifting to the SW. in the southeast of England, no important change occurring elsewhere.

Barometer highest 30.4 ins. and upwards in the extreme N. of Russia; 30.1 ins. and upwards in an anticyclone lying over the whole of N. Europe and extending W. over Scotland. Lowest 29.8 ins. and less in a large shallow depression over the Black Sea and all the neighbouring provinces 29.9 ins. and less in another shallow system over the S. of our Islands, the Netherlands and the N. of France. Latter system moving N. later; new disturbance apparently forming over the N.E. of Spain.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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" Weekly " " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Thursday 3rd June, 1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.			BAROMETER.	TEMPERATURE.	WIND.									TEMP.		
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
		30.24	64	SE	2	b	30.36	+ .15	56	49	- 14	NE	4	b	#	b	#	79	54	-
		30.27	64	2	0	b	30.32	+ .08	66	57	- 1	2	0	b	#	b	#	84	52	-
		30.21	64	2	0	b	30.21	+ .04	64	61	- 5	NNE	2	0	#	b	#	75	61	-
		30.15	62	SE	4	0	30.13	+ .04	65	64	- 2	SE	4	0	#	0	#	73	45	0.12
		30.17	64	N	2	0	30.21	+ .02	69	64	0	NE	2	b	#	br, 0	#	#	#	0.39
		30.49	46	NNE	4	b	30.51	+ .05	52	48	+ 6	N	4	b	1	b	#	52	43	-
		30.39	52	NE	6	b	30.39	- .02	51	47	- 1	NE	7	b	3	b	#	57	46	-
		30.17	64	N	2	c	30.20	- .01	67	63	+ 1	2	0	c	0	b, c	#	74	54	#
		30.15	69	NNE	1	0	30.21	+ .01	65	63	0	N	2	c	1	0	#	70	63	0.16
BRITISH ISLANDS.		30.13	64	N	1	m	30.15	+ .01	63	62	+ 1	E	1	c	0	m, cl	#	70	57	0.16
		30.05	69	2	0	c	30.04	- .02	65	64	-	ESE	2	b	#	c	#	77	61	0.24
		30.27	48	NE	6	c	30.29	+ .03	47	46	0	NE	4	0	6	o, c	#	50	44	-
		30.19	54	E	4	c	30.28	+ .14	50	49	- 2	E	4	0	4	b, c	12.0	57	43	-
		30.27	48	E	2	f	30.32	+ .07	46	46	- 1	E	2	0	1	f	#	56	40	-
		30.22	49	E	2	o	30.31	+ .13	48	47	- 2	E	1	d	1	o	#	52	45	0.03
		30.23	48	NE	3	of	30.29	+ .09	47	46	- 9	N	3	og	3	og, o	9.5	57	46	-
		30.17	50	E	3	m	30.25	+ .15	48	48	- 6	E	1	dm	#	m	#	54	46	0.03
		30.11	51	N	3	o	30.21	+ .16	48	48	- 5	N	2	od	2	cm, r, of	#	56	46	0.01
		30.05	57	NE	3	b	30.12	+ .12	53	53	- 2	N	3	f	3	b	#	65	50	-
GERMANY & HOLLAND.		30.07	69	W	1	c	30.16	+ .13	55	54	- 3	NW	1	o	#	c	6.3	73	52	0.15
		30.09	63	W	3	o	30.16	+ .11	53	54	- 4	W	1	ogmw	#	c, ogm	#	68	52	-
		30.11	55	NE	2	frt	30.21	+ .16	52	52	- 1	NNE	1	of	1	of, rt	#	55	50	0.24
		30.10	55	ESE	2	om	30.22	+ .10	53	53	- 2	E	1	bf	1	om	#	58	46	-
		30.07	62	SSE	1	b	30.22	+ .22	61	57	+ 4	SSE	1	b	#	b	#	65	48	-
		30.15	57	ESE	3	c	30.23	+ .17	52	52	+ 1	SW	3	m	1	c	#	57	47	-
		30.14	62	WNW	1	o	30.19	+ .12	56	52	+ 3	WNW	1	c	1	o	#	59	49	-
		30.15	54	NW	1	b	30.21	+ .14	59	55	+ 6	NW	1	dm	0	f, cm, b	#	59	47	-
		30.08	64	SE	1	b	30.22	+ .20	63	54	+ 6	SE	1	b	#	b	10.0	66	43	-
		30.00	57	SE	5	cp	30.15	+ .24	59	54	+ 3	ESE	3	o	3	cp	5.2	62	54	0.17
FRANCE & BELGIUM.		30.06	57	SE	4	b	30.21	+ .23	56	54	+ 1	SE	3	c	3	b	#	59	51	-
		30.10	63	ENE	3	b	30.18	+ .14	63	59	+ 8	2	0	b	2	b	13.0	63	51	-
		30.07	57	ESE	3	c	30.17	+ .19	58	56	+ 1	ENE	1	f	0	c	11.4	61	52	0.01
		30.12	56	ENE	2	b	30.17	+ .11	64	60	+ 9	N	2	b	1	b	#	65	50	-
		30.09	66	ENE	3	b	30.16	+ .11	63	57	+ 2	NE	3	b	3	b, b	#	69	58	-
		30.10	60	2	0	b	30.14	+ .06	63	59	+ 11	NNE	2	bcm	1	c, b	#	64	50	-
		30.05	57	WSW	1	c	30.10	+ .05	65	61	+ 6	N	1	m	1	cm, c	#	66	51	-
		30.07	64	NW	1	c	30.13	+ .06	62	59	+ 1	NW	1	b	1	o, c	#	66	56	-
		30.09	63	NNW	1	o	30.14	+ .07	60	57	+ 4	N	1	o	#	c, o, b	0.1	65	56	-
		30.12	59	2	0	o	30.17	+ .09	58	54	+ 4	NW	3	b	#	o	#	62	48	-
PENIN- SULA.		30.08	67	NW	1	o	30.14	+ .07	58	58	- 1	NNW	1	f	#	c, o	6.3	70	55	-
		30.05	63	2	0	b	30.10	+ .09	59	57	- 5	NNW	1	b	2	b, b	#	65	55	-
		30.01	70	N	2	b	30.07	+ .04	64	62	- 1	E	1	b	#	b	#	73	61	-
		30.11	70	N	3	b	30.07	+ .03	65	61	- 1	NNE	3	b	#	b	#	79	61	-
		#	#	#	#	#	30.04	+ .02	68	64	+ 3	N	1	b	#	#	#	84	63	-
		30.07	66	NE	1	b	30.09	- .01	67	61	+ 1	E	3	b	#	b	#	77	52	-
		30.01	69	N	1	b	30.06	+ .06	64	61	+ 1	NE	1	b	1	b	#	70	61	-
		#	#	#	#	#	30.06	+ .01	65	62	+ 2	NW	2	c	#	?	#	74	56	1.06
		30.04	57	E	1	o	30.09	+ .05	58	56	+ 4	NW	1	m	0	o	#	72	52	-
		30.04	66	NW	2	b	30.10	+ .04	59	57	+ 5	NNW	2	m	#	b	#	71	54	0.04
GERMANY & HOLLAND.		30.09	62	SSW	1	b	30.15	+ .15	55	52	0	N	1	b	1	b	#	66	46	-
		30.08	64	WNW	3	b	30.14	+ .13	57	55	+ 2	NE	2	c	2	b	#	70	62	-
		30.02	65	NW	4	b	30.06	+ .08	63	63	+ 2	N	2	c	#	b	#	73	59	-
		?	76	E	2	c	30.01	+ .05	64	61	- 3	WSW	4	o	#	#	#	82	60	-
		29.92	80	NNE	1	b	29.98	- .06	64	57	0	N	2	b	#	b, c, 2	#	87	62	-
		29.94	75	SW	1	b	29.90	- .10	73	60	+ 6	E	1	b	2	b	#	81	63	-
		29.95	72	E	2	b	29.94	- .05	72	63	+ 6	NW	3	b	#	b	#	77	59	-
		30.00	65	NNW	3	c	30.04	+ .08	62	60	+ 1	NW	3	o	2	c	#	72	59	-
		30.15	60	W	4	b	30.14	+ .06	62	57	+ 1	SE	2	b	#	b	#	66	57	-
		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport. 2.5 hrs.

WEATHER CHARTS

FOR THURSDAY, 3RD JUNE, 1897.

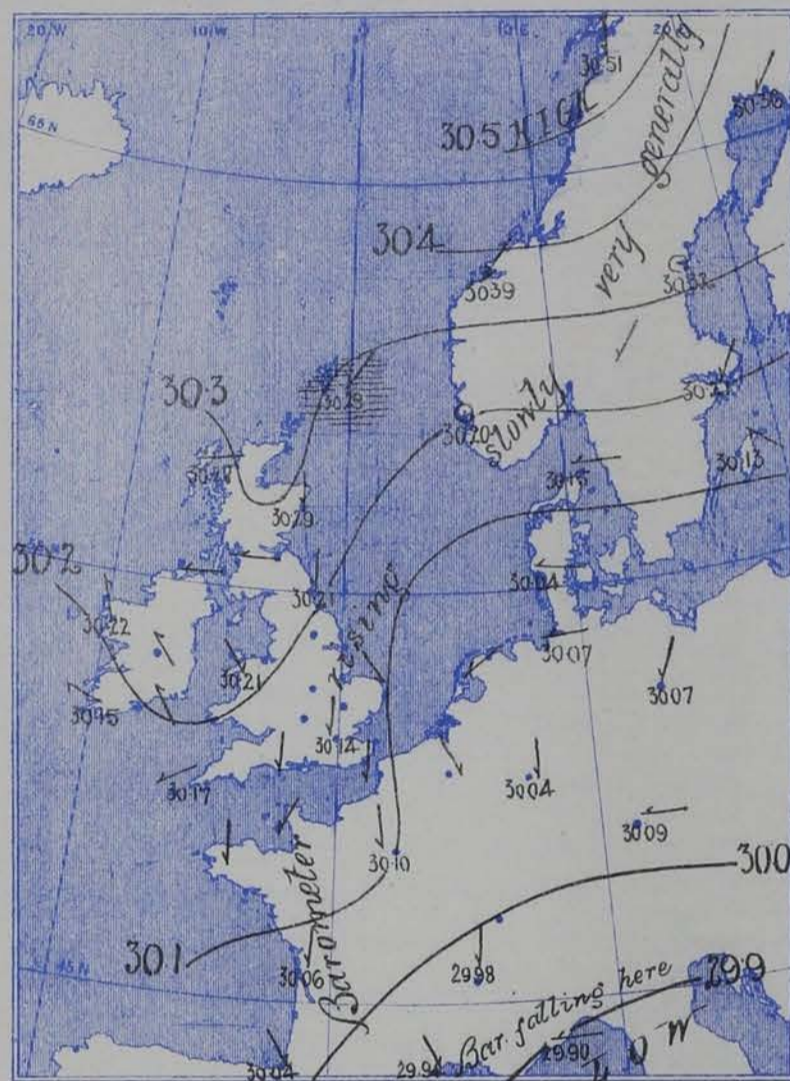
BAROMETER, WIND AND SEA.

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

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

Force above 10 → : Force 5 to 7 → : } Calm ○
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough : High

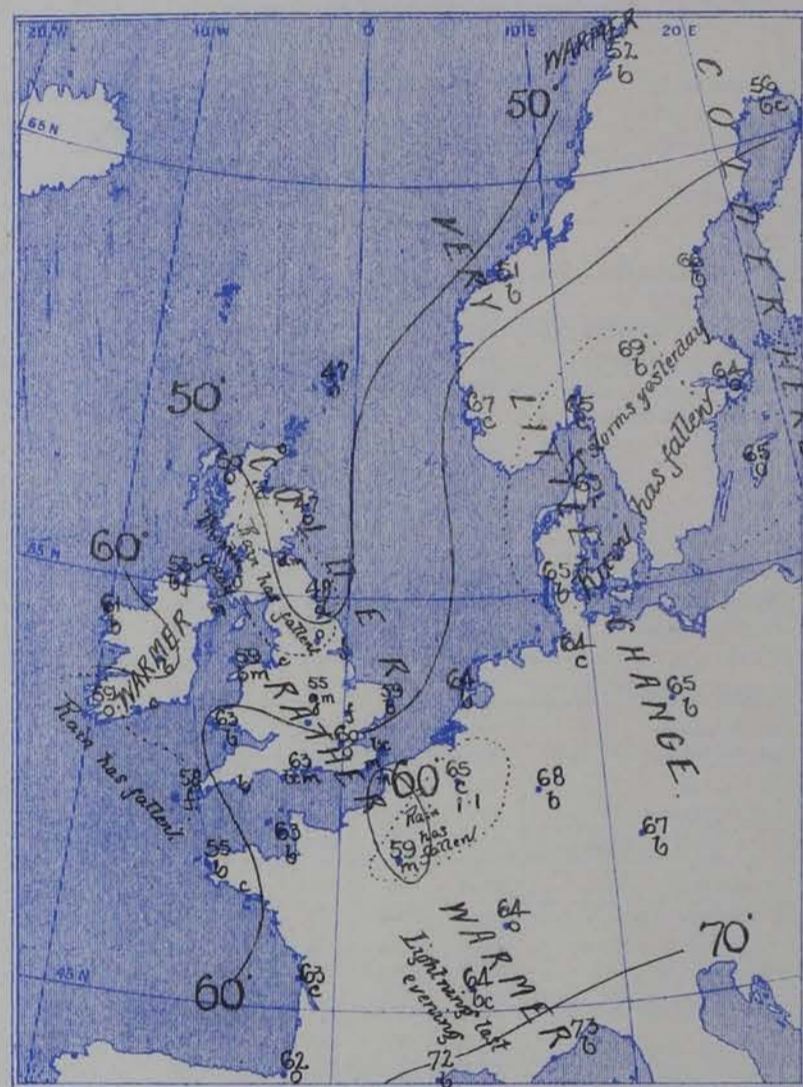


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.893	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.51 ins. at Christiansund; 30.2 ins. and upwards in an anticyclone covering nearly the whole of Scandinavia, and extending southward over Scotland and Ireland.

Lowest 29.9 ins. and less in a shallow depression lying off the south of France.

Gradients slight. *Barometer* rising a little generally, but falling in the south of France.

TEMPERATURE

Highest 73° at Nice, 72° at Perpignan, 69° at Karlstad, 68° at Wiesbaden, 67° at Skudesnäs and Munich, and 66° at Heriöstad.

Lowest 46° at Wick, 47° at Sunningb. H. and Aberdeen, 48° at Nain, Leith and Shields, 50° at Stenoung. During yesterday the thermometer rose to 65° and upwards in many parts of England and Ireland, to 70° at Cambridge, and to 73° at York.

WIND

*NE*² or *E*² in Scotland, and also over Scandinavia, Denmark and Germany; light or moderate in force generally, but strong at Christiansund.

Light from the *N*² or *NW*² over England and France, *SE*⁴ at most of the Irish stations.

WEATHER

Fine in the west and south of our Islands, as well as at most of the Continental stations.

Dull on our N. and E. coasts, with fog or drizzling rain in many places; dull also in the N. of Denmark and the S. of Sweden, with rain at the Scaw.

Rain fell yesterday at a few of our own *W*^m and *N*^m stations, and thunder was heard at Ardrossan. Thunderstorms occurred at Karlstad and the Scaw, and heavy rains fell at Brussels.

SEA

Slight or smooth generally, but rough at Sunningb. Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any material change in the weather. Over the Kingdom generally the conditions will probably remain fair, but slight showers are likely to occur in some parts of our eastern districts.

FORECASTS

For the 24 hours ending at NOON on 4TH JUNE 1897.

DISTRICTS.

FORECASTS.

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

*E*² and *NE*² winds light or moderate, cloudy, slight rain locally.

Same as No. 5.

*Light breezes chiefly N*².
Fair generally, but perhaps local thundershowers.

DISTRICTS.

FORECASTS.

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

*NE*² and *N*² winds, light; fair generally.

*SE*² to *E*² winds, light, fine, warm.

WARNINGS

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.17	74	64	N	4	b	1	Valencia ...	29.95	60	55	SE	6	cp	5
Sumburgh Head ...	30.28	49	47	NE	5	o	6	Scilly ...	30.02	59	56	ESE	4	c	3
Stornoway ...	30.17	55	55	E	4	bc	4	Jersey ...	30.08	69	62	E	3	bc	3
Aberdeen ...	30.21	51	49	ENE	4	bc	4	Hurst Castle ...	30.09	63	59	Z	0	e	0
Shields ...	30.08	55	53	NNE	2	cm	2	Dungeness ...	30.05	57	56	ENE	1	cm	1
Ardrossan ...	30.09	54	54	Z	0	ot	0	North Foreland ...	30.07	60	57	E	1	o	1
Malin Head ...	30.08	55	51	ESE	3	om	1	London (Westminster) ...	30.07	64	55	E	1	o	#
Belmullet ...	30.09	60	58	S	1	bc	#	Yarmouth ...	30.03	63	60	NNE	1	b	2
Holyhead ...	30.13	55	53	N	1	cm	0	Rocheport ...	30.00	71	68	NW	3	b	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fair or fine over Europe as a whole, but dull in several parts of Gt. Britain, France and Spain, and also over the Baltic and the S. of Sweden. Rain falling at Limoges and Constantinople, and passing showers at Valencia (Ireland), thunder reported at Paris. A little rain falling later at a few of our own W. and N. stations, with thunder at Ardrossan, thunderstorms occurring at Karlstad and the Scaw, and heavy rain at Brussels.

Temperature changed rather irregularly. Morning readings highest (1) 79° at Sfax, 76° at Palma, 74° at La Calle, (2) 71° at Kuopio, and 70° at Uleaborg and Haparanda; above 65° at many of the Continental stations, but below 60° in central Spain. Lowest 46° at Bodo, 47° at Sumburgh H. and Wick, 50° at Nairn, 51° at Donaghadee. Rising during day to between 65° & 70° at several of the English and Irish stations, and to 73° at York; exceeding 80° over W. Germany and the E. and S. of France, and reaching 87° at Lyons.

Wind light to fresh from the NE. or E. over Scotland and the northern parts of the Continent generally, but calm over the northern parts of Sweden. Light from the westward over the east and southeast of England and the neighbouring parts of the Continent, and from the NW. at many of the German and Austrian stations; N. or NE. in Italy. S. or SW. over the western parts of the Spanish peninsula; E. in the west of France; SE. over the southwestern parts of our Islands. No important change occurring over western Europe during day.

Barometer highest 30.4 ins. and upwards in the W. of Norway; 30.1 ins. and upwards in an anticyclone embracing the greater part of N. Europe, and extending W. over Scotland. Lowest 29.9 ins. and less in a large shallow system over SE. Europe, and also in a small depression over the Balearic Islands, distribution of pressure over the central parts of Europe very irregular. No important change occurring over the W. countries during day.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Friday 4th June, 1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.				BAROMETER.	TEMPERATURE.	WIND.								TEMP.			
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather	Sea (0 to 5.)	Weather	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.
SCANDINAVIA.	Ins.	°					Ins.	Ins.	°	°	°							°	°	ins.
	Haparanda ...	30.32	56	NE	2	b	30.22	- .14	59	53	+ 3	SSW	2	c	#	b	#	68	50	-
	Hernösand ...	30.35	55	L	0	b	30.30	- .02	60	51	- 6	S	4	b	#	b	#	68	54	-
	Stockholm ...	30.21	66	NNE	2	bc	30.25	+ .04	65	54	+ 1	NE	4	b	#	bc	#	77	57	-
	Wisby ...	30.7	54	ESE	4	o	30.7	+ .04	48	48	- 7	NE	4	r	#	o	#	66	48	0.35
	Karlstad ...	30.21	72	E	2	b	30.26	+ .05	67	59	- 2	ENE	4	b	#	bc, b	#	#	#	-
	Bodö ...	30.48	49	NNE	2	b	30.37	- .14	46	44	- 6	W	4	o	1	b	#	52	43	-
	Christiansund ...	30.37	53	NE	6	b	30.33	- .06	52	49	+ 1	NE	5	b	3	b	#	57	46	-
	Skudesnaes ...	30.18	68	L	0	c	30.25	+ .05	67	61	0	E	2	c	1	c	#	72	55	-
	Færevær (Christiania Fjord)	30.19	69	NE	1	o	30.25	+ .04	66	62	- 1	NNE	2	b	2	o	#	75	63	-
	Skagen (The Scaw)	30.15	64	E	1	c	30.19	+ .04	64	63	+ 1	E	2	b	0	c	#	75	63	0.08
	Fanø ...	30.07	68	E	4	b	30.06	+ .02	65	64	0	E	1	c	#	b	#	81	64	-
	Sumburgh Head	30.24	47	NE	3	o	30.22	- .07	52	49	+ 5	NE	2	bc	4	o	#	52	45	-
	Stornoway ...	30.26	54	ENE	5	o	30.18	- .10	50	50	0	E	2	o	2	bc, o	#	7.3	56	45
	Wick ...	30.27	48	L	0	o	30.22	- .10	49	48	+ 3	N	1	o	0	o	#	50	43	0.04
	Nairn ...	30.25	51	NE	2	o	30.20	- .11	50	48	+ 2	L	0	c	1	o	#	54	46	-
BRITISH ISLANDS.	Aberdeen ...	30.25	48	NNW	3	og	30.19	- .10	50	48	+ 3	NNW	2	og	2	og, p	#	51	47	0.02
	Leith ...	30.24	50	E	3	o	30.19	- .06	51	50	+ 3	E	1	o	#	o	#	51	46	0.01
	Shields ...	30.22	47	N	3	o	30.17	- .04	49	48	+ 1	NNW	1	o	3	og, o	#	49	45	-
	Spurn Head ...	30.13	50	N	5	o	30.12	0.0	51	50	- 2	NNW	4	o	3	o, f	#	53	47	-
	York ...	30.18	55	W	2	o	30.16	0.0	53	50	- 2	WNW	1	o	#	o	#	59	46	-
	Loughborough ...	30.15	58	NE	2	o	30.17	+ .01	49	48	- 6	ENE	2	ogm	#	ogm, df	#	60	48	-
	Ardrossan ...	30.18	52	NNE	1	off	30.16	- .05	52	52	0	NNE	1	of	1	off	#	57	48	0.65
	Malin Head ...	30.21	56	NE	1	of	30.16	- .06	54	54	+ 1	SSW	1	omv	0	of, r	#	58	52	0.19
	Belmullet ...	30.22	65	NE	2	b	30.19	- .03	54	54	- 7	NNE	1	o	#	bc, b	#	68	51	-
	Donaghadee ...	30.21	55	NNW	3	f	30.18	- .05	54	53	+ 2	NNW	3	f	1	f	#	59	50	-
	Liverpool (Bidsdon)	30.16	53	WNW	1	r	30.14	- .05	56	54	0	E	1	o	?	r	#	57	52	0.11
	Holyhead ...	30.17	55	N	2	c	30.15	- .06	50	53	- 5	L	0	f	0	bc, c	#	59	52	0.06
	Parsonstown ...	30.16	68	L	0	bc	30.16	- .06	58	55	- 5	L	0	o	#	bc	#	10.3	73	50
	Valencia ...	30.19	61	S	2	bm	30.18	+ .03	60	56	+ 1	NE	1	b	1	c, bm	#	9.4	66	43
	Roche's Point ...	30.21	60	SSE	1	b	30.17	- .04	60	55	+ 4	N	1	b	1	b	#	61	51	-
	Pembroke (St. Ann's Hd.)	30.16	60	N	2	b	30.12	- .06	55	55	- 8	NE	3	f	1	b	#	14.6	67	55
GERMANY & HOLLAND.	Seilly ...	30.16	61	NNW	1	b	30.11	- .06	57	55	- 1	N	2	c	1	bc, b	#	14.3	65	53
	Prawle Point ...	30.11	62	SW	2	b	30.11	- .06	63	61	- 1	ENE	2	bc	1	b	#	67	55	-
	Jersey (St. Aubin's)	30.10	64	NNW	3	bc	30.09	- .07	58	58	- 5	NNE	3	of	3	b, bc	#	69	56	-
	Hurst Castle ...	30.09	69	N	1	c	30.09	- .05	58	57	- 5	NNE	1	omv	1	bm, c	#	74	57	-
	Dungeness ...	30.05	59	ENE	2	o	30.04	- .06	57	56	- 8	NNE	4	o	3	o, f	#	71	55	-
	North Foreland	30.09	58	N	2	bc	30.09	- .04	54	53	- 8	NW	4	o	3	bc, f	#	66	50	-
	London (Brixton) ...	30.10	63	NNW	1	og	30.11	- .03	54	52	- 6	NNE	1	og	#	o, m, ogd	#	0.5	69	50
	Oxford ...	30.12	60	N	2	o	30.13	- .04	53	51	- 5	N	2	o	#	c, o, d	#	71	50	-
	Cambridge ...	30.12	56	NNW	3	f	30.13	- .01	52	51	- 6	N	2	omv	#	f	#	63	48	-
	Yarmouth ...	30.09	57	N	3	bc	30.08	- .02	63	52	- 6	NNW	3	cmg	3	b, bc	#	62	50	-
	Cuxhaven ...	30.02	72	N	2	b	30.04	- .03	61	59	- 3	NE	3	o	#	b	#	73	59	-
	Berlin ...	30.01	74	NE	2	b	30.01	- .06	69	65	+ 4	N	3	b	#	#	#	81	63	-
	Wiesbaden ...	#	#	#	#	#	29.95	- .09	73	64	+ 5	NE	2	b	#	#	#	84	64	-
	Munich ...	29.99	66	L	0	b	29.99	- .10	66	62	- 1	E	4	b	#	b	#	77	55	-
	The Helder ...	30.04	60	N	2	f	30.04	- .02	60	59	- 4	NNE	2	f	2	f	#	68	57	-
FRANCE & BELGIUM.	Brussels ...	#	#	#	#	#	30.01	- .05	62	62	- 3	NNE	2	f	#	o	#	76	60	0.04
	Cape Gris Nez ...	30.06	56	E	1	m	30.03	- .06	54	54	- 4	E	4	f	3	m	#	64	52	-
	Paris ...	29.99	73	N	2	b	29.98	- .12	61	60	+ 2	N	3	b	#	b	#	78	59	-
	Brest ...	30.12	63	N	2	b	30.09	- .06	57	54	+ 2	N	1	b	0	b	#	70	48	-
	Lorient ...	30.08	66	NE	3	bc	30.05	- .09	58	55	+ 1	NNW	2	bc	2	bc	#	75	52	-
	Rocheport ...	29.99	66	NNW	4	o	29.94	- .12	61	61	- 2	NNE	4	m	#	o	#	75	59	-
	Belfort ...	29.83	71	NE	1	o	29.90	- .11	63	61	- 1	L	0	m	#	o	#	83	57	0.08
	Lyons ...	29.89	74	NE	2	o	29.93	- .05	65	59	+ 1	N	1	b	#	Elv, o	#	82	56	-
	Nice ...	29.82	71	L	0	c	29.82	- .06	68	58	- 5	L	0	c	0	c	#	82	63	-
	Perpignan ...	29.89	75	NNW	4	c	29.91	- .03	69	60	- 3	NW	3	o	#	c	#	84	63	-
	Biarritz ...	30.01	63	W	3	o	30.00	- .04	61	59	- 1	W	4	o	2	o	#	66	61	-
PENIN- SULA.	Corunna ...	#	#	#	#	#	30.01	- .05	62	62	- 3	NNE	2	f	#	o	#	76	60	0.04
	Lisbon ...	30.13	62	W	2	b	30.13	- .01	65	56	+ 3	W	2	b	#	b	#	68	59	-
	Azores (P. Delgada)	29.99	60	SW	1	b	29.98	+ .12	63	61	0	WSW	5	bc	5	b	#	66	59	-

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 0.0 hrs;

WEATHER CHARTS

FOR FRIDAY, 4TH JUNE, 1897.

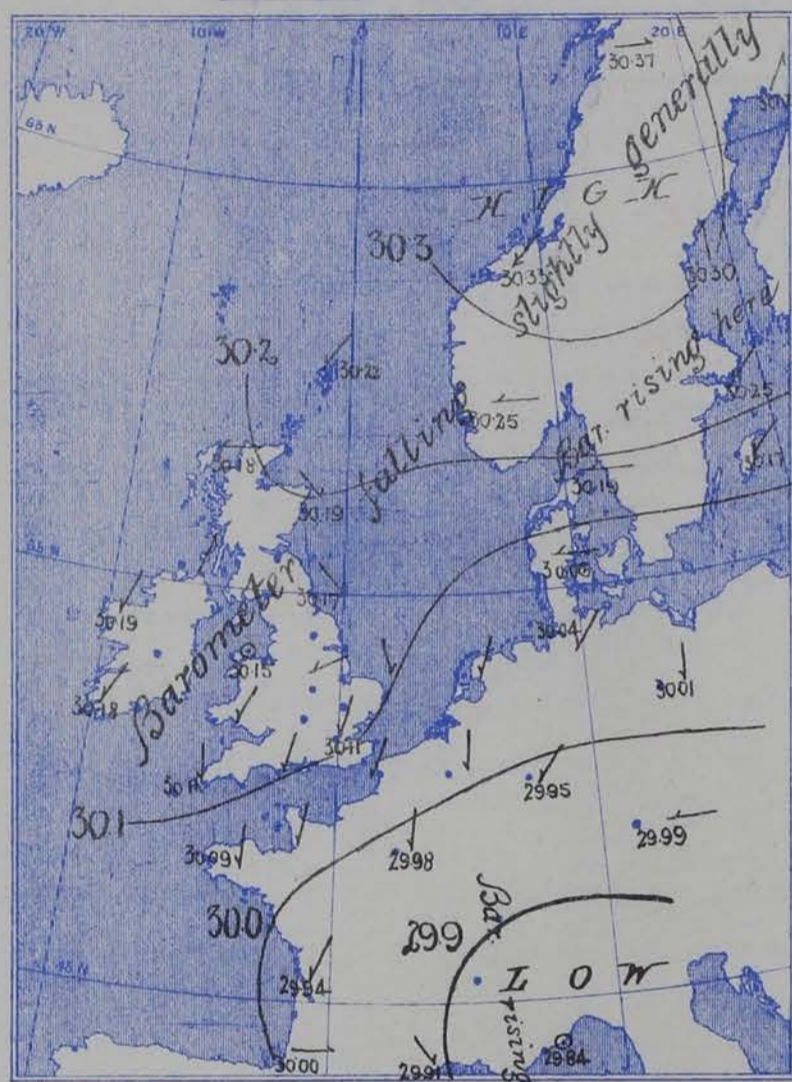
BAROMETER, WIND AND SEA.

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 ≡

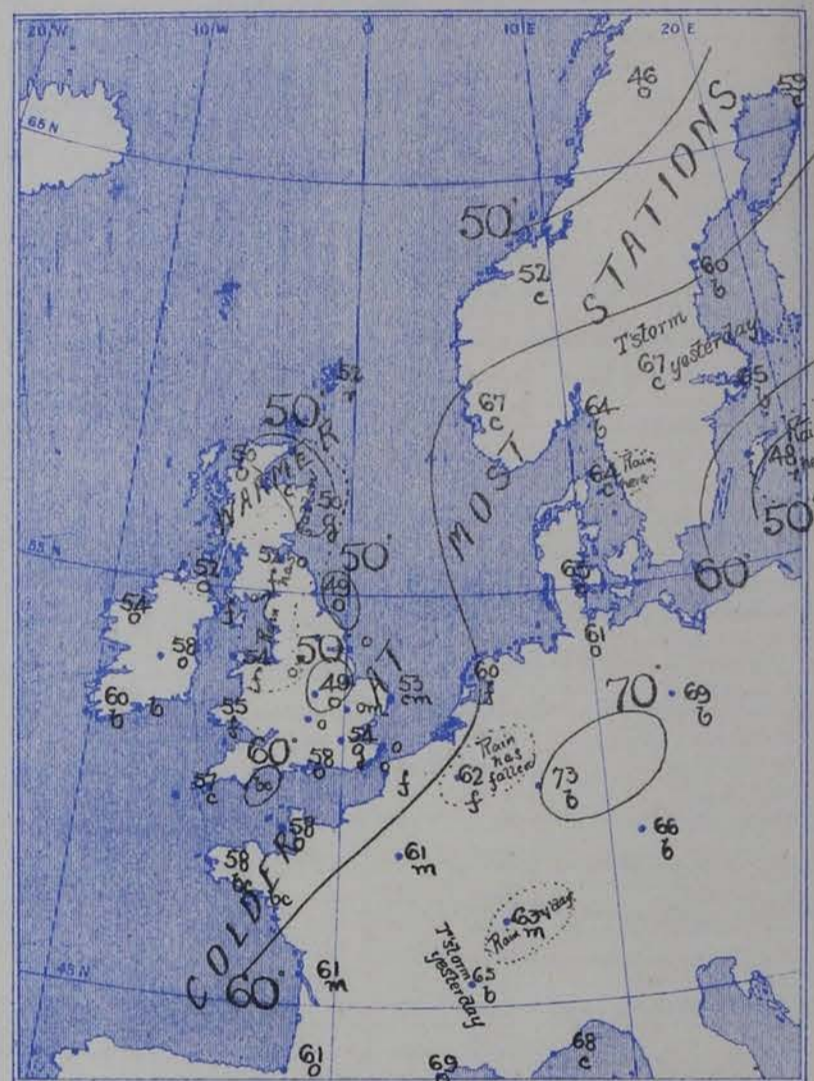


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.993	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and upwards over the northern parts of Scandinavia, 30.1 ins. and upwards in an anticyclone extending from Scandinavia and Denmark over nearly the whole of our islands. Lowest 29.9 ins. and less in a shallow depression over the southeastern parts of France. Gradients slight. Barometer falling a little in most places, but rising in the south of Scandinavia and also in the east and south of France.

TEMPERATURE

Highest 73° at Wiestahen, 69° at Berlin & Papienau, 68° at Nice, 67° at St. Mandes and 66° at Munich. Lowest 46° at Bodo, 48° at Wisby, 49° at Wick, Shields and Loughborough & 50° at Stromsø and Narvik. During yesterday the thermometer rose to between 65 and 70° at most of our western and southern stations, to 63° at Parsonstown & to 74° at Hurst Castle. On our north and north east coast the maximum readings were as low as 55°, and at Shields the thermometer did not exceed 49°.

WIND

Light to moderate from the End or NEnd in Scotland, and also over Denmark, Germany and the south of Scandinavia; S^{ly} over the northern parts of Sweden. It was the greater part of England, Ireland, France and the Netherlands, but NW^{ly} or W^{ly} in the extreme south of France.

WEATHER

Dull over the greater part of our islands, France and the Netherlands, with mist or fog in many places. Fine and bright on our extreme southwest coast as well as at most of the Scandinavian, Danish & German stations, but raining at Wisby. Rain fell yesterday at several of our northern stations - heavily at Ardrossan. Thunderstorms occurred at Harstad, the latter station, reporting St. Elmo's Fire.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change in the weather.

FORECASTS

For the 24 hours ending at NOON on 5TH JUNE 1897.

DISTRICTS.

FORECASTS.

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

Light breezes, chiefly NE^{ly}, cloudy generally.

Same as No. 5.

N^{ly} winds, light or moderate, fair generally, but dull and misty in places.

DISTRICTS.

FORECASTS.

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

Same as Nos. 0 and 1

NE^{ly} winds, light, fair generally.

Light breezes, chiefly N^{ly}, 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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes	30.21	72	65	Z	0	c	0	Valencia	30.18	65	58	SSE	2	c	3
Sumburgh Head	30.28	49	47	NE	3	o	5	Scilly	30.17	63	58	W	1	bf	0
Stornoway	30.18	58	54	E	4	bc	4	Jersey	30.14	68	59	NNW	3	b	3
Aberdeen	30.27	51	48	NNW	4	og	3	Hurst Castle	30.11	73	65	ENE	1	bm	0
Shields	30.23	48	48	NNE	3	oap	3	Dungeness	30.07	67	60	ENE	2	o	1
Ardrossan	30.21	51	51	NNE	1	r	1	North Foreland	30.11	64	60	NW	1	bc	1
Malin Head	30.22	55	55	NE	1	of	1	London (Westminster)	30.11	67	61	NNW	1	cm	#
Belmullet	30.23	63	60	NNE	2	bc	#	Yarmouth	30.10	60	57	N	3	b	2
Holyhead	30.20	58	55	NW	2	b	1	Rochefort	30.02	70	68	NW	4	c	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over the west and south of our Islands and the greater part of the Continent. Dull on our north and east coasts, with fog or drizzling rain in many places; dull also over Russia, eastern Germany, and the south of Sweden, with rain at Pletersburg, Helsingfors, and the Bos. Rain falling later at many of our own northern stations, — heavy at Ardrossan. Thunderstorms occurring at Karlsbad and Lyons; St. Elmo's fire seen also at the latter station.

Temperature risen in the west and south of our Islands, fallen in the north and east, changed singularly elsewhere. Morning readings highest 83° at Barcelona, 81° at Gijón, 77° at Trirk, and 75° at Lina and Lefhorn, above 65° at many of the Continental stations. Lowest 46° at Wick, 47° at Sumburgh Head and Aberdeen, and 48° at Kinn, Leith, and Shields. Rising during day to 70° and upwards at several of our own southern stations, but remaining below 55° on most parts of our north and northeast coasts. Exceeding 80° in Germany and the east and south of France, and reaching 84° at Lyons and Perpignan.

Wind E or NE over Scotland, Scandinavia, and Denmark; light or moderate in force in most places, but strong at Christiansund. Light from the NW or NW over England and France, but SE at most of the Irish stations, and S on the west coasts of the Spanish Peninsula. Variable in Germany and Austria; N or NE over Italy; S and SW in Algeria. No important change occurring over Western Europe during day.

Barometer highest 30.5 in: and upwards in the north-west of Norway; 30.2 in: and upwards in an anticyclone extending from northern Europe over Scotland and Ireland. Lowest 29.3 in: and less in two shallow depressions, one lying off the south of France and the other over Asia Minor. Slight fall of barometer taking place over Western Europe during day, but general distribution of pressure remaining unchanged.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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

DAILY WEATHER REPORT

for 8 a.m. on *Saturday June 5th* 1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
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.)	Weather.	Max.	Min.	Rainfall.							
		Inch.	°			Inch.	Inch.	°	°	°					°	°	Inch.				
SCANDINAVIA.	Haparanda ...	29.89	53	N	2	0	29.84	-35	49	44	-10	NE	4	0	*	61	43	—			
	Hernösand ...	30.00	60	NE	4	0	29.91	-39	63	51	+3	N	2	0	*	68	48	—			
	Stockholm ...	30.12	61	N	2	0	29.97	-28	69	59	+4	N	4	0	*	69	52	—			
	Wisby ...	30.13	51	E	4	0	30.05	-12	56	51	+8	NE	4	0	*	56	45	—			
	Karlstad ...	30.12	69	SE	2	0	30.00	-26	67	59	0	NE	2	0	*	67	59	—			
	Bodö ...	30.18	45	N	6	+	30.07	-30	43	38	-3	N	4	0	+	46	39	0.08			
	Christiansund ...	30.26	33	NE	4	0	30.19	-14	49	46	-3	NE	1	0	+	61	46	—			
	Skudesnaes ...	30.14	75	S	1	0	30.13	-12	64	59	-3	N	1	0	+	83	55	—			
	Færder (Christiania Fjord)	30.13	71	N	1	0	30.02	-23	64	62	0	NE	2	0	+	72	64	—			
	Skagen (The Scaw)	30.13	65	2	0	0	30.07	-12	66	63	+2	SE	1	0	+	81	63	—			
BRITISH ISLANDS.	Fanö ...	30.07	69	E	4	0	30.04	-02	66	64	+1	E	1	0	+	79	65	—			
	Sumburgh Head	30.16	51	NE	4	0	30.16	-06	49	47	-3	NE	2	0	+	54	47	—			
	Stornoway ...	30.14	59	E	2	0	30.15	-03	58	58	+8	2	0	0	+	59	45	—			
	Wick ...	30.16	50	N	1	0	30.16	-06	53	52	+4	N	1	0	+	54	46	—			
	Nairn ...	30.16	54	E	1	0	30.14	-06	60	58	+10	2	0	0	+	60	47	—			
	Aberdeen ...	30.14	62	NE	1	0	30.15	-04	60	57	+10	NE	1	0	+	62	49	0.05			
	Leith ...	30.14	57	E	2	0	30.14	-05	57	56	+6	2	0	0	+	60	50	—			
	Shields ...	30.13	50	N	3	0	30.14	-03	54	53	+5	N	2	0	+	53	47	—			
	Spurn Head ...	30.09	51	N	4	0	30.11	-01	53	53	+2	NE	3	0	+	53	48	—			
	York ...	30.10	69	E	1	0	30.14	-02	60	57	+7	NE	2	0	+	60	50	—			
GERMANY & HOLLAND.	Loughborough ...	30.09	67	SE	2	0	30.15	-02	58	57	+9	NE	1	0	+	69	49	—			
	Ardrossan ...	30.09	62	2	0	0	30.13	-03	59	59	+7	N	1	0	+	63	51	—			
	Malin Head ...	30.13	59	E	1	0	30.17	+01	52	52	-2	E	1	0	+	60	49	—			
	Belmullet ...	30.18	58	NE	1	0	30.18	-01	53	54	+1	E	1	0	+	62	51	—			
	Donaghadee ...	30.14	66	NE	3	0	30.17	-01	56	53	+2	NE	4	0	+	66	50	—			
	Liverpool (Bidston)	30.10	59	NE	1	0	30.13	-01	61	56	+5	2	0	0	+	67	53	—			
	Holyhead ...	30.11	53	N	1	0	30.14	-01	58	53	+4	NE	1	0	+	62	50	—			
	Parsonstown ...	30.12	69	NE	1	0	30.16	0.0	57	56	-1	2	0	0	+	70	52	—			
	Valencia ...	30.17	59	N	1	0	30.16	-02	58	53	-2	2	0	0	+	61	45	—			
	Roche's Point ...	30.12	64	NE	2	0	30.19	+02	60	53	0	N	1	0	+	67	52	—			
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.09	52	NE	2	0	30.14	+02	61	59	+6	E	1	0	+	61	50	—			
	Scilly ...	30.11	59	NE	3	0	30.14	+03	58	56	+1	NE	1	0	+	62	54	—			
	Prawle Point ...	30.08	62	NE	1	0	30.13	+02	65	62	+2	NE	1	0	+	66	53	—			
	Jersey (St. Aubin's)	30.07	61	N	3	0	30.11	+02	61	60	+3	NE	3	0	+	63	56	0.13			
	Hurst Castle ...	30.06	66	NE	1	0	30.10	+01	61	60	+3	NE	2	0	+	69	58	—			
	Dungeness ...	30.01	63	NE	3	0	30.08	+04	59	58	+2	NE	3	0	+	63	53	—			
	North Foreland	30.04	57	NE	3	0	30.09	0.0	56	56	+2	N	2	0	+	59	52	—			
	London (Brixton) ...	30.06	65	NE	2	0	30.12	+01	57	53	+3	NE	1	0	+	69	54	—			
	Oxford ...	30.09	61	NE	1	0	30.15	+02	56	53	+3	NE	2	0	+	70	52	—			
	Cambridge ...	30.10	58	N	1	0	30.14	+01	57	56	+5	N	1	0	+	64	50	—			
PENIN- SULA.	Yarmouth ...	30.06	55	N	3	0	30.09	+01	56	53	+3	NE	3	0	+	58	51	—			
	Cuxhaven ...	29.97	66	NE	3	0	29.99	-05	59	58	-2	SE	2	0	+	72	57	—			
	Berlin ...	29.93	75	E	2	0	29.95	-06	72	66	+6	N	2	0	+	82	64	—			
	Wiesbaden ...	*	*	*	*	*	29.95	0.0	72	67	-1	2	0	0	+	82	64	—			
	Munich ...	29.92	66	E	4	0	29.98	-01	66	65	0	N	1	0	+	77	53	—			
	The Helder ...	30.02	65	NE	2	0	30.05	+01	60	58	0	N	1	0	+	68	57	—			
	Brussels ...	*	*	*	*	*	30.05	+04	62	60	0	NE	1	0	+	75	59	—			
	Cape Gris Nez ...	30.01	52	E	5	0	30.02	-01	54	54	0	NE	5	0	+	57	51	—			
	Paris ...	29.95	64	N	3	0	30.01	+03	59	59	-2	N	3	0	+	68	59	—			
	Brest ...	30.08	61	N	2	0	30.14	+05	56	53	-1	N	2	0	+	66	50	—			
GERMANY & HOLLAND.	Lorient ...	30.06	64	NE	4	0	30.10	+05	57	56	-1	NE	2	0	+	75	52	—			
	Rochefort ...	29.96	62	NE	4	0	30.01	+07	60	60	-1	NE	3	0	+	66	59	0.59			
	Belfort ...	29.83	65	N	2	0	29.89	-01	66	62	+3	2	0	0	+	85	56	—			
	Lyons ...	29.84	73	N	1	0	29.93	0.0	66	62	+1	NE	2	0	+	79	62	—			
	Nice ...	29.77	72	NE	3	0	29.81	-03	70	62	+2	2	0	0	+	81	46	—			
	Perpignan ...	29.88	72	NE	4	0	29.95	+04	68	60	-1	N	3	0	+	81	65	—			
	Biarritz ...	30.02	63	NE	4	0	30.04	+04	61	60	0	NE	5	0	+	64	61	—			
	Corunna ...	*	*	*	*	*	30.05	+04	62	60	0	NE	1	0	+	75	59	—			
	Lisbon ...	30.15	63	NE	3	0	30.15	+02	65	58	0	NE	2	0	+	72	59	—			
	Azores (P. Delgada)	30.03	63	SE	2	0	30.04	+06	64	63	+1	N	2	0	+	66	61	—			

For Explanation of Columns, see bottom of last page.

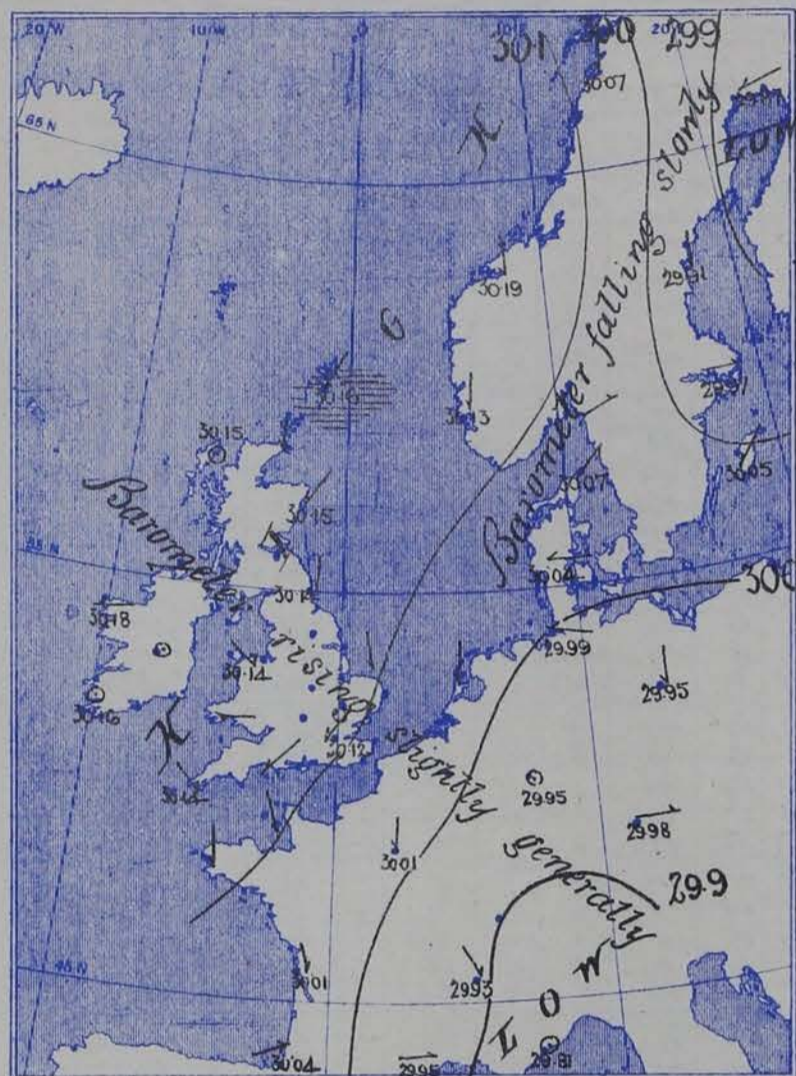
† Received too late for Insertion in Charts on next page.

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

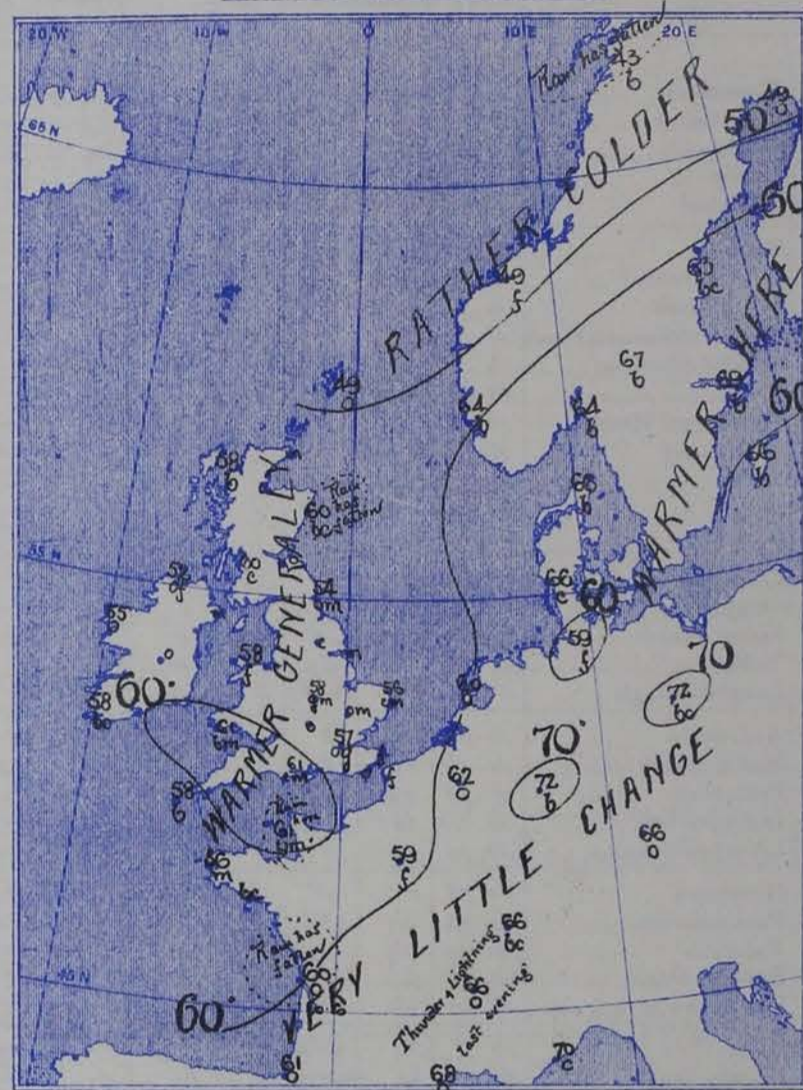
Bright Sunshine yesterday Southport. 6.9 hrs;

FOR SATURDAY, 5TH JUNE, 1897.

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.



STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·893	50·5	48·7	54·6	45·0	70	1891	33	1888	1·93	—	—
Stornoway	29·894	53·4	51·4	58·2	46·0	76	1893	31	1888	2·76	185·1	35
Wick	29·916	53·4	50·8	58·9	45·5	79	1878	30	1881	1·75	—	—
Nairn	29·917	54·4	51·0	62·3	47·3	86	1876	30	1888	1·73	—	—
Aberdeen	29·933	54·8	50·8	61·0	47·2	80	1881, 87	30	1888	1·80	196·5	37
Leith	29·943	55·9	52·3	63·9	48·0	86	1887	34	1886	1·79	—	—
Shields	29·959	54·9	51·8	60·6	48·5	76	1878, 84	37	1881, 86, 95	1·71	—	—
Spurn Head	29·971	55·3	52·8	60·3	51·1	80*	1885	34*	1881	1·64	—	—
York	29·979	56·1	52·7	66·2	48·4	88	1878	35	1894	2·21	173·0	34
Loughborough	29·991	57·7	53·8	68·6	48·8	86*	1892	32*	1895	2·20	—	—
Ardrossan	29·944	55·3	52·3	62·1	49·4	85	1878	36	1890	2·32	—	—
Malin Head	29·934	53·6	51·2	59·0	50·8	—	—	—	—	—	—	—
Belmullet	29·953	56·2	53·2	60·8	51·4	—	—	—	—	2·85	—	—
Donaghadee	29·959	55·1	53·0	61·5	49·7	77	1887	36	1880	2·03	—	—
Holyhead	29·976	55·9	53·4	61·7	51·3	83	1878	42	1882	1·97	—	—
Liverpool	29·976	57·0	52·8	64·0	51·1	85	1878, 93	38	1872	1·99	—	—
Parsonstown	29·981	56·2	52·9	64·9	48·5	85	1887	32	1881	2·34	173·7	35
Valencia	29·984	57·4	54·5	62·5	51·2	81	1887	40	1875, 80, 82	3·34	203·4	41
Roche's Point	29·983	57·0	53·8	64·3	51·3	80	1876, 87	41	1881	3·07	—	—
Pembroke	29·983	55·4	53·4	60·5	51·6	79	1893	38	1888	1·88	234·7	48
Scilly	30·002	57·5	55·3	61·5	53·2	75	1893	41	1888	1·76	—	—
Prawle Point	30·010	57·1	54·7	61·7	50·7	79*	1887	39*	1881	1·59	—	—
Jersey	30·019	59·0	55·9	64·9	52·8	87	1872	39	1890	1·86	243·1	51
Hurst Castle	30·007	57·9	55·7	64·6	52·0	84	1893	38	1881	1·83	—	—
Dover	29·989	58·2	55·0	63·0	52·3	77	1878	37	1890, 91, 92, 93	1·52	—	—
LONDON	30·001	58·9	54·6	69·2	50·6	91	1878	35	1880	1·99	167·4†	34†
Oxford	29·996	58·8	53·3	67·1	49·9	86	1876, 93	35	1892, 93	2·11	192·1	39
Cambridge	29·994	58·1	54·7	68·8	48·4	88	1888, 93	33	1892	2·14	195·3	40
Yarmouth	29·983	56·8	54·0	61·9	51·0	8						

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE	<p>Highest 30.1 ins. and upwards in an anticyclone lying over our Islands, the west of Norway, the extreme northwest of France and the Bay of Biscay.</p> <p>Lowest 29.9 ins. and less in two shallow depressions, - one lying over the Gulf of Bothnia, and the other over the southeast of France.</p> <p>Gradients slight. Barometer steady or inclined to rise in our Islands, France and Germany, falling in Scandinavia and Denmark.</p>
TEMPERATURE	<p>Highest 72° at Berlin and Wiesbaden, 70° at Nice, 69° at Stockholm, 68° at Perpignan, and 67° at Harbled.</p> <p>Lowest 43° at Bodo, 49° at Haparanda, Christianund and Sumburg H., 52° at Tralio H., and 53° at Spurn H.</p> <p>During yesterday the thermometer rose to 65° and upwards at many of the English and Irish stations, to 70° at Parsonstown and Cambridge, and to 71° at York. At Skudeonæs the reading at 2 pm yesterday was as high as 83°.</p>
WIND	<p>Light from the N.^{W.} (NE. to NW) over western Europe as a whole, but W. in the southern parts of France and Germany.</p> <p>Variable or W. in the north of Denmark and the south of Scandinavia.</p>
WEATHER	<p>Cloudy or dull over the greater part of our Islands, France and the Netherlands, with mist or fog in many places, but fine on our own extreme southwest coasts.</p> <p>Fine also at most of the Scandinavian and Danish stations.</p> <p>A little rain fell yesterday at Aberdeen and Jersey, but over our Islands generally the weather appears to have remained dry. Heavy rain was reported at Rochefort, and thunder and lightning occurred at Lyons.</p>
SEA	<p>Slight or smooth generally, but rather rough at Sumburg Head.</p>


PROBABLE CHANGES IN SYSTEM NOW PREVALENT


There are at present no signs of any important change in the weather.

FORECASTS

For the 24 hours ending at NOON on 6TH JUNE 1897.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NE winds, light, fair generally.	6 SCOTLAND WEST	Same as N ^{os} 0 and 1.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST	Same as N ^o 5.	9 IRELAND NORTH	Light breezes, chiefly N. ^{W.} , fair generally, but some fog or mist.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH	N winds, light, fair generally.		
		WARNINGS	None issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.17	83	67	S	1	b	1	Valencia ...	30.18	61	56	W	2	b	2
Sumburgh Head ...	30.19	52	50	NE	4	bc	5	Scilly ...	30.14	61	58	NW	3	bc	1
Stornoway ...	30.16	58	57	E	2	0	2	Jersey ...	30.08	59	57	NNW	3	om	1
Aberdeen ...	30.16	59	56	NW	2	0	2	Hurst Castle ...	30.07	67	63	NE	1	bc	1
Shields ...	30.15	52	50	N	3	0	3	Dungeness ...	30.03	58	55	E	3	0	3
Ardrossan ...	30.13	62	61	NNE	1	bc	1	North Foreland ...	30.06	57	55	NW	3	0	2
Malin Head ...	30.14	59	58	ESE	1	0	1	London (Westminster) ...	30.09	62	58	NE	2	c	#
Belmullet ...	30.18	62	59	NE	1	c	*	Yarmouth ...	30.07	58	55	NNW	3	c	4
Holyhead ...	30.12	58	55	NW	3	f	2	Rocheport ...	29.98	62	62	NNE	2	t	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning dull over the greater part of our Islands, France, Spain and the Netherlands, with mist or fog in many places, but fine on our own extreme SW. coasts. Fine also over nearly the whole of N. & central Europe, but dull at the Baltic stations, with rain at Whisky. A little rain falling later at Bodo, Aberdeen and Jersey, and a larger quantity at Rocheport. Thunder and lightning occurring at Lyons in evening.

Temperature fallen at the English stations, but changed irregularly elsewhere. Morning readings highest 77° at Leghorn, 76° at Trieste, and 75° at Barcelona and Spas; above 65° at many of the Continental stations. Lowest (1) 45° at Archangel, 46° at Bodo, and 48° at Whisky, (2) 49° at Wick, Shields and Loughborough, and 50° at Stornoway and Nairn. Rising during day to between 65° and 70° at several of the English and Irish stations, and to 71° at York, exceeding 80° in many isolated parts of the Continent, and reaching 83° at Skudesnaes and Belfast.

Wind light from the NE^{wd} over Scotland and the northern parts of the Continent generally, but S^{wd} in the Gulf of Bothnia. Light from the N^{wd} over Ireland, England, the Netherlands, Germany and the greater part of France, but W^{wd} over the Spanish Peninsula and the extreme S. of France. Variable in Austria and Italy. No important change occurring later.

Barometer highest 30.3 ins. and upwards over the N^{wd} and central parts of Scandinavia; 30.1 ins. and upwards in an anticyclone extending from N^{wd} Europe over our Islands, and the W^{wd} parts of the Spanish peninsula. Lowest 29.8 ins. and less in a depression near Malta; 29.9 ins. and less in a large area covering SE^{wd} Europe and the greater part of the Mediterranean. No important change occurring over W^{wd} Europe during day.

NOTE

Owing to the operation of the Factory Act the Daily Weather Report for Monday cannot be issued until Tuesday, and that for Sunday will be issued on Wednesday.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 6th June, 1897.
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
				At 32° and M.S.L.	Dry Bulb.		Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Direc.	Force (0 to 12.)	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
SCANDINAVIA.	Haparanda ...	29.93	41	NNW	2	c	29.95	+0.8	45	38	-	4	NW	2	b	#	c	#	55	39	-
	Hernösand ...	29.97	48	NE	4	o	30.00	+0.9	50	44	-	13	NW	2	c	#	o	#	68	46	-
	Stockholm ...	29.88	61	E	2	o	29.88	-0.9	52	50	-	17	NE	4	o	#	o	#	79	52	0.24
	Wisby ...	29.91	58	E	4	b	29.81	-0.4	56	?	-	0	NNW	4	b	#	o	#	64	45	0.20
	Karlstad ...	29.80	70	SW	4	b	29.88	-0.12	55	50	-	12	NE	6	o	#	b	#	#	#	-
	Bodö ...	30.13	42	NW	4	c	30.08	+0.1	40	39	-	3	NW	4	c	1	c	#	45	36	0.16
	Christiansund ...	30.15	49	NNE	8	f	30.16	-0.5	46	40	-	3	NE	6	b	3	f	#	52	43	-
	Skudesnaes ...	30.01	55	NNW	5	b	29.96	-0.17	52	49	-	12	NNW	7	o	2	b, c	#	64	48	#
	Færder (Christiania Fjord)	29.81	66	WSW	3	m	29.87	-0.15	59	54	-	5	NNE	6	o	2	m	#	68	57	-
	Skagen (The Seaw)	29.89	61	W	1	b	29.82	-0.25	62	60	-	4	N	2	m	0	m	#	75	55	-
BRITISH ISLANDS.	Fanö ...	29.95	65	NW	2	b	29.93	-0.11	63	57	-	3	NW	5	b	#	b	#	79	59	0.12
	Sumburgh Head	30.13	47	NE	1	o	30.12	-0.04	47	43	-	2	NE	3	o	4	o	#	52	44	0.01
	Stornoway ...	30.15	56	E	2	c	30.13	-0.02	51	50	-	7	E	2	o	2	b, c	#	66	44	-
	Wick ...	30.15	48	N	1	f	30.14	-0.02	50	50	-	3	2	o	f	0	f	#	59	45	-
	Nairn ...	30.10	57	2	o	c	30.11	-0.03	53	51	-	7	2	o	o	1	c	#	71	49	0.01
	Aberdeen ...	30.11	54	E	1	cm	30.13	-0.02	51	49	-	9	N	1	o	1	o, cm	#	61	50	-
	Leith ...	30.08	57	E	1	b	30.10	-0.04	52	52	-	5	ENE	1	om	#	b	#	71	49	-
	Shields ...	30.10	53	NNE	2	f	30.10	-0.04	52	51	-	2	NNE	2	o	2	c, f	#	59	50	-
	Spurn Head ...	30.08	54	NNE	2	om	30.07	-0.04	55	55	+2	2	2	o	f	1	om, f	#	59	51	-
	York ...	30.08	72	NW	1	b	30.09	-0.05	60	58	-	0	WSW	1	b	#	b	#	73	54	-
GERMANY & HOLLAND.	Loughborough ...	30.08	72	2	o	c	30.10	-0.05	62	60	+6	WNW	1	b, m	#	cm, b, m, f	#	74	53	-	
	Ardrossan ...	30.08	64	NNE	4	b	30.09	-0.04	55	55	-	4	WSW	3	c	2	b	#	69	51	-
	Malin Head ...	30.15	55	N	2	o	30.14	-0.03	53	52	+1	WNW	2	og	1	o	#	58	51	-	
	Belmullet ...	30.19	61	ENE	1	b	30.18	-0.00	60	57	+5	NE	1	c	#	b	#	65	53	-	
	Donaghadee ...	30.15	56	NW	3	b	30.14	-0.03	54	52	-	2	NW	3	b	1	b	#	62	49	-
	Liverpool (Bidston)	30.10	60	WNW	1	b	30.13	-0.00	59	54	-	2	W	1	b	1	b, m	#	66	52	-
	Holyhead ...	30.13	57	NW	2	b	30.14	-0.00	58	56	-	0	NW	1	of	0	f, b	#	60	50	-
	Parsonstown ...	30.12	72	NE	1	b	30.15	-0.01	59	56	+2	2	2	o	o	#	b, o	#	72	54	-
	Valencia ...	30.18	61	S	2	c	30.17	+0.01	60	56	+2	SSE	1	op	1	c	#	82	67	0.04	
	Roche's Point ...	30.18	66	SW	2	b	30.20	+0.01	57	53	-	3	N	1	o	2	b	#	67	54	-
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.24	61	NW	2	b	30.15	+0.01	56	55	-	5	NNW	1	b	1	b	#	65	52	-
	Scilly ...	30.17	61	WNW	3	c	30.18	+0.04	59	56	+1	WNW	1	b, m	0	b, c	#	14.5	64	54	-
	Prawle Point ...	30.12	63	WSW	2	c	30.15	+0.02	64	64	+4	N	1	c	0	c	#	69	56	-	
	Jersey (St. Aubin's)	30.13	62	N	2	c	30.16	+0.05	60	58	-	1	SW	1	b, f	1	b, cm	#	65	53	-
	Hurst Castle ...	30.10	62	SW	2	b, m	30.12	+0.02	61	60	-	0	WSW	1	b, m	0	b, m, b, m	#	69	58	-
	Dungeness ...	30.08	56	ENE	2	cm	30.11	+0.03	56	56	-	3	SSW	1	f	1	c	#	63	53	-
	North Foreland	30.09	57	N	2	o	30.12	+0.03	57	56	+1	N	2	o	2	o	#	58	54	-	
	London (Brixton) ...	30.09	71	NNE	2	b	30.11	-0.01	65	62	+8	WNW	1	b, m	#	og, c, b, m	#	73	55	-	
	Oxford ...	30.10	67	WSW	1	b	30.11	-0.04	63	60	+7	NW	1	b	#	b	#	72	56	-	
	Cambridge ...	30.08	69	N	1	b	30.11	-0.03	58	58	+1	N	1	f	#	b	#	72	54	-	
PENIN- SULA.	Yarmouth ...	30.06	61	NNW	3	c	30.07	-0.02	58	55	+2	NNE	2	b	3	c	#	62	53	-	
	Cuxhaven ...	29.94	70	N	2	b	29.94	-0.05	64	62	+5	N	2	o	#	b	#	72	63	-	
	Berlin ...	29.92	72	NW	5	c	29.91	-0.04	69	65	-	3	NE	2	o	#	c	#	88	65	0.04
	Wiesbaden ...	#	#	#	#	#	29.99	+0.04	68	63	-	4	N	2	c	#	#	#	82	65	-
	Munich ...	29.93	67	NE	1	b	30.02	+0.04	62	60	-	4	W	4	o	#	b	#	77	56	0.04
	The Helder ...	30.06	59	NNW	2	f	30.08	+0.03	58	57	-	2	NW	2	o	2	f	#	61	57	-
	Brussels ...	#	#	#	#	#	30.10	+0.05	54	54	-	8	NW	2	f	#	o	#	73	52	-
	Cape Gris Nez ...	30.07	55	E	3	f	30.09	+0.07	54	54	-	0	E	1	f	1	f	#	55	50	0.04
	Paris ...	30.02	74	N	3	b	30.13	+0.12	57	56	-	2	N	3	f	#	b	#	78	56	-
	Brest ...	30.06	59	N	2	b	30.17	+0.03	57	55	+1	NNW	1	m	0	b	#	66	50	-	
GERMANY & HOLLAND.	Lorient ...	30.10	66	N	4	m	30.15	+0.05	60	57	+3	N	2	b	2	m	#	75	52	-	
	Rochefort ...	30.05	63	NW	3	m	30.06	+0.05	64	64	+4	NW	1	m	#	m	#	64	63	-	
	Belfort ...	29.91	63	NNE	2	t	29.97	+0.08	62	61	-	4	WSW	2	m	#	t	#	83	61	0.67
	Lyons ...	29.91	71	NW	4	o	30.01	+0.08	65	61	-	1	NW	2	o	#	o	#	77	63	0.08
	Nice ...	29.82	72	2	o	c	29.90	+0.09	66	62	-	4	2	o	c	0	c	#	82	61	-
	Perpignan ...	29.97	68	NW	5	o	30.07	+0.12	66	57	-	2	NW	4	o	#	o	#	74	64	-
	Biarritz ...	30.07	63	W	4	o	30.10	+0.06	61	59	-	0	W	5	r	4	o	#	66	59	-
	Corunna ...	30.21	62	NW	3	b	30.22	-0.01	59	57	+3	W	1	b	1	b	#	64	50	-	
	Lisbon ...	30.15	63	NNW	5	b	30.14	-0.01	68	57	+3	N	4	b	#	b	#	75	61	-	
	Azores (P. Delgada)															#					

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 8.7 hrs;

WEATHER CHARTS

FOR Sunday, 6th June, 1897.

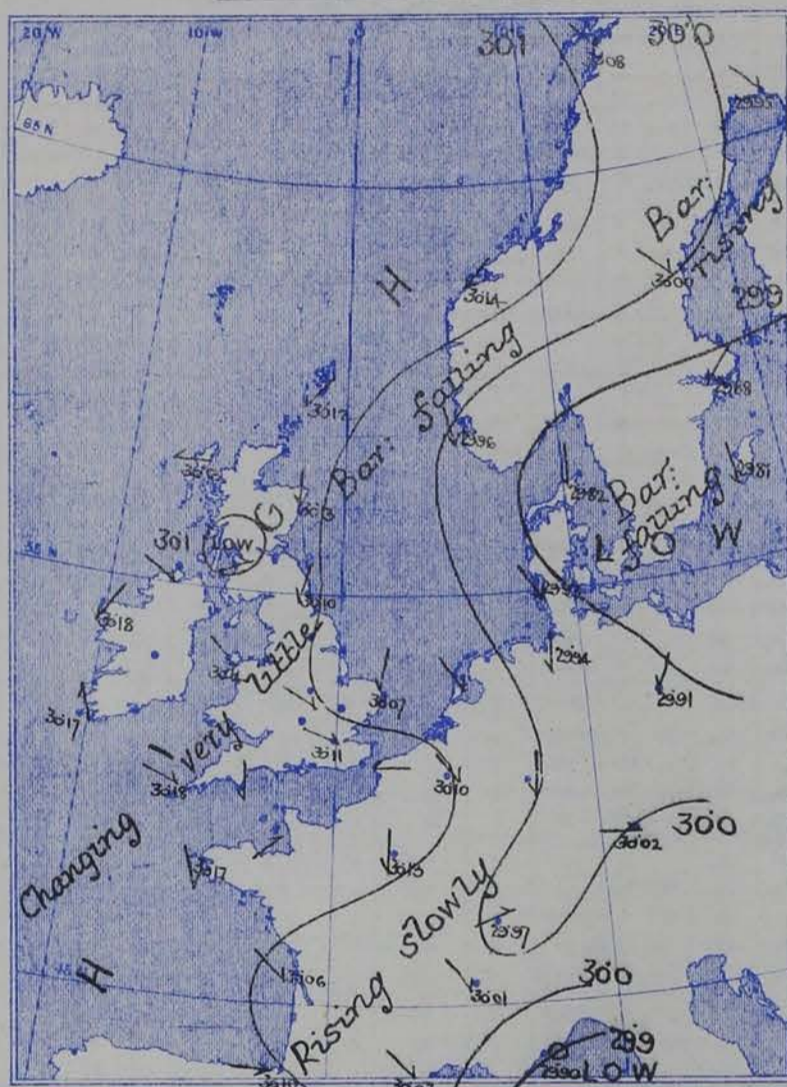
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ≡ : High ≡

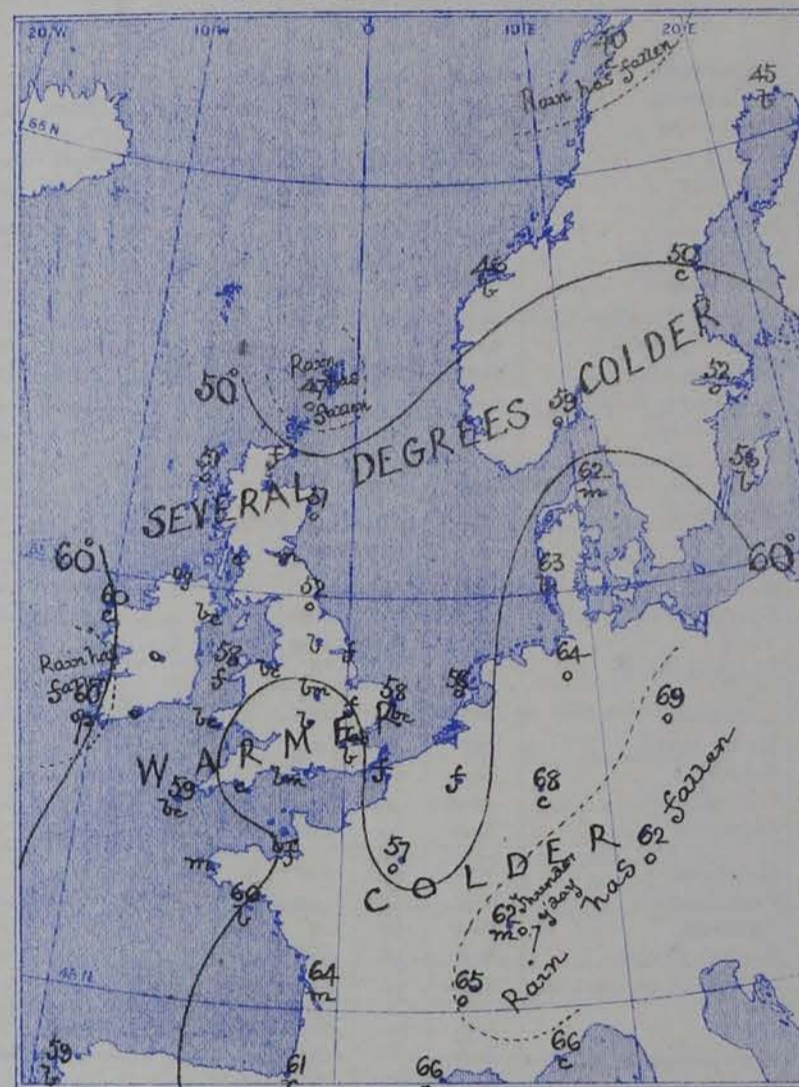


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.22 in. at Corunna; 30.1 in. and upwards in a large anticyclone of irregular form lying over the Spanish Peninsula, and the north of France, the greater part of our Islands, and the west of Norway.
 Lowest, 29.9 in. and less, in a depression lying over Germany, the Baltic, and the south of Sweden.
 Gradients slight. Barometer almost stationary in our Islands, falling a little in Norway, Denmark, and North Germany, rising in Sweden and also in France.

TEMPERATURE

Highest, 69° at Berlin, 68° at Wiesbaden and Lintow, 66° at Nice and Perpignan, and 65° in London and at Lyons.
 Lowest, 40° at Bodø, 45° at Haparanda, 46° at Christianavand, 47° at Lumburgh Head, and 50° at Hornö and at Wick.
 During yesterday the thermometer rose to 70° and upwards at many of the inland stations in our Islands and to 74° at Loughboro.

WIND

Light from between N. and W. over the greater part of Ireland, England, the Netherlands, France, Germany, and the Spanish Peninsula.
 Variable in the south of Scotland; light from the NE. in the north of Scotland, and strong from the same quarter or from N. over the southern parts of Scandinavia; NW. in the north of Scandinavia.

WEATHER

Fine over the greater part of England, but foggy or misty in places.
 Cloudy or dull at the Irish, Scotch, and most of the Continental stations, with passing showers at Valencia (Ireland).
 A little rain fell yesterday at Lumburgh Head, Narvik, and Valencia (Ireland) but over the United Kingdom the weather remained dry. Thunder and heavy rain occurred at Belfast.

SEA

Smooth or nearly so nearly all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 7. JUNE 1897.

DISTRICTS.

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

FORECASTS.

NONE ISSUED

DISTRICTS.



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

FORECASTS.

NONE ISSUED

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (), 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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.		THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.								Dry.	Wet.				
Skudesnaes ...	30.04	61	56	NNW	6	bz	7	Valencia ...	30.18		66	56	S	2	en	2
Sumburgh Head ...	30.15	50	48	NE	2	o	4	Scilly ...	30.17		61	58	WNW	3	7	0
Stornoway ...	30.17	44	62	E	1	7	1	Jersey ...	30.13		62	60	NW	3	o	3
Aberdeen ...	30.15	56	53	ESE	2	o	1	Hurst Castle ...	30.23		64	62	WSW	2	ben	1
Shields ...	30.14	55	54	N	2	c	2	Dungeness ...	30.10		60	58	NE	3	o	1
Ardrossan ...	30.11	63	63	NNE	1	7	1	North Foreland ...	30.11		56	55	N	2	f	2
Malin Head ...	30.18	57	56	E	1	7	0	London (Westminster) ...	30.11		69	62	NE	1	c	#
Belmullet ...	30.10	63	59	N	1	7	*	Yarmouth ...	30.08		62	58	N	2	e	3
Holyhead ...	30.15	59	57	NW	1	f	1	Rochefort ...	30.06		63	63	NNW	3	m	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over the greater part of central, W. and NW. Europe, but dull, hazy or foggy in many parts of France and England, dull over the Mediterranean, but rainy at L'Alcázar. Slight showers later in a few parts of our Islands and Germany; and a heavy fall at Belfort, with thunder and lightning. Fog continuing prevalent over the N. of England and E. of Scotland.

Temperature has risen decidedly over St. Britain, not changed much elsewhere. Morning readings highest 73° at Brindisi, Sanghaire and Toulon, 71° at Constantinople, 70° at Algiers and Nice; 65° to 60° over the greater part of Russia, and at many of our own S. and W. stations, as well as on the E. coast of Scandinavia. Lowest 43° at Bodø, 49° at Haparanda, Christiansund and Sumburgh H., 52° at Malin H., 53° at Spurn H. Rising later to between 70° and 74° over many parts of St. Britain and central Ireland to 78° at Paris, 82° at Nice and Wiesbaden, and to 88° at Berlin.

Wind light and variable from the N. over the United Kingdom, France and Norway, light and very variable over central and S. Europe; S. to W. on the north coast of Africa. Slight sea breeze at Hurst Castle later. No decided change elsewhere.

Barometer highest 30.1 ins. and more over the W. of Norway, nearly the whole of the British Islands, Brittany, Portugal and the SW. parts of Spain, and exceeding 30.0 ins. over the North Sea, Denmark and the Baltic. Lowest below 29.9 ins. over the N. of Europe, and also over the SE. and S. countries, 29.8 ins. at Toulon. Changing but little and irregularly over W. Europe later.

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.
N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on *Monday 7th June, 1897.*

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.			BAROMETER.	TEMPERATURE.				WIND.					TEMP.				
	At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.	
SCANDINAVIA.	Haparanda ...	Ins.	°			Ins.	Ins.	°	°	°							°	°	Ins.	
	Hernösand ...	29.86	51	Z	0	29.81	- .14	47	42	+ 2	Z	0	c	#	c	#	55	30	0.04	
	Stockholm ...	29.89	47	S	4	29.83	- .17	50	43	0	NW	2	c	#	o	#	54	43	0.16	
	Wisby ...	29.86	48	NNE	2	29.76	- .12	51	46	- 1	NE	4	o	#	o	#	64	48	0.04	
	Karlstad ...	29.80	51	NNE	4	29.67	- .14	49	46	- 7	NNE	4	o	#	r	#	57	45	0.24	
		29.85	54	ENE	4	29.76	- .12	46	44	- 9	NE	4	r	#	o	#	#	#	45	0.16
	Bodo ...	29.99	43	NW	2	29.94	- .14	39	37	- 1	SW	4	r	1	c	#	45	36	0.24	
	Christiansund ...	30.05	45	NE	5	30.01	- .13	42	39	- 4	NE	2	r	3	c	#	48	39	0.08	
	Skudesnaes ...	29.92	48	N	7	29.93	- .03	46	41	- 6	N	8	c	3	c	#	55	46	#	
	Færder (Christiania Fjord)	29.84	56	ENE	3	29.72	- .15	51	50	- 8	ENE	2	o	1	o	#	59	50	-	
BRITISH ISLANDS.	Skagen (The Scaw)	29.82	60	ESE	1	29.64	- .18	59	56	- 3	WNW	4	c	1	c	#	70	54	-	
	Fanö ...	29.43	53	NW	4	29.91	- .02	51	46	- 12	NW	6	o	#	c	#	66	50	-	
	Sumburgh Head	30.16	46	SSE	3	30.18	+ .06	43	40	- 4	N	3	c	5	o	#	50	38	-	
	Stornoway ...	30.15	51	ENE	4	30.22	+ .09	49	47	- 2	E	4	b	4	o	0.3	54	44	-	
	Wick ...	30.21	49	N	2	30.23	+ .09	46	45	- 4	N	4	c	2	b	#	50	41	-	
	Nairn ...	30.16	48	E	1	30.21	+ .10	46	43	- 7	E	1	o	1	o	#	53	42	0.12	
	Aberdeen ...	30.17	46	NE	3	30.22	+ .09	48	41	- 3	NE	2	c	3	p.og	0.0	54	42	0.02	
	Leith ...	30.12	49	ENE	3	30.20	+ .10	46	45	- 6	ENE	1	o	#	m	#	53	43	0.09	
	Shields ...	30.12	51	NE	2	30.20	+ .10	47	45	- 5	N	2	o	3	om.r	#	55	45	0.02	
	Spurn Head ...	30.07	53	N	2	30.13	+ .06	50	48	- 5	N	3	o	3	form.tp	#	57	48	0.01	
GERMANY & HOLLAND.	York ...	30.05	62	ESE	1	30.17	+ .08	50	47	- 10	NNE	1	o	#	o	#	70	47	0.03	
	Loughborough ...	30.09	68	W	2	30.14	+ .04	53	52	- 11	NNE	2	ogmp	#	c.op.om	#	77	53	0.01	
	Ardrossan ...	30.08	57	N	3	30.16	+ .07	49	48	- 6	NNE	4	om	1	c	#	61	46	-	
	Malin Head ...	30.15	54	NNW	3	30.13	- .01	51	51	- 2	E	2	c	0	c.og	#	58	50	-	
	Belmullet ...	30.18	60	WNW	1	30.14	- .04	59	58	- 1	WNW	1	o	#	b.o	#	66	54	-	
	Donaghadee ...	30.12	54	NNW	3	30.17	+ .03	52	51	- 2	NNW	3	c	1	c	#	59	49	-	
	Liverpool (Bidston)	30.12	56	W	1	30.12	- .01	59	55	0	Z	0	o	?	om	#	63	54	-	
	Holyhead ...	30.13	57	SW	1	30.13	- .01	56	54	- 2	NN	1	op	0	fap	#	61	51	0.03	
	Parsonstown ...	30.13	68	Z	0	30.12	- .03	60	57	+ 1	Z	0	o	#	c	#	69	56	-	
	Valencia ...	30.16	59	S	1	30.11	- .06	62	59	+ 2	S	2	o	3	o	1.3	65	55	-	
FRANCE & BELGIUM.	Roche's Point ...	30.19	60	SW	2	30.14	- .06	59	57	+ 2	N	1	o	2	c	#	65	55	-	
	Pembroke (St. Ann's Hd.)	30.16	57	NNW	0	30.13	- .02	54	54	- 2	W	2	f	1	o	1.4	58	52	-	
	Scilly ...	30.20	62	WSW	1	30.15	- .03	59	57	0	WSW	1	o	1	b	10.1	64	55	-	
	Prawle Point ...	30.15	66	NNW	3	30.14	- .01	63	60	- 6	WNW	2	b	1	c	#	71	53	-	
	Jersey (St. Aubin's)	30.15	64	WNW	3	30.15	- .01	62	58	+ 2	W	3	eg	3	b,com	#	69	53	-	
	Hurst Castle ...	30.09	69	W	3	30.10	- .02	64	62	+ 3	Z	0	om	0	c	#	71	59	-	
	Dungeness ...	30.09	54	NNW	1	30.07	- .04	58	58	+ 2	ENE	2	mp	1	f	#	60	50	0.01	
	North Foreland	30.09	57	S	3	30.10	- .02	56	55	- 1	N	3	f	2	c,ot	#	64	54	-	
	London (Brixton) ...	30.04	70	SW	1	30.10	- .01	62	59	- 3	NNE	1	og	#	f,fl.og	0.0	76	61	0.01	
	Oxford ...	30.09	68	NNW	1	30.11	- .00	62	58	- 1	N	1	o	#	c,o,r	#	76	59	0.01	
GERMANY & HOLLAND.	Cambridge ...	30.05	72	Z	0	30.12	+ .01	55	55	- 3	N	2	o	#	ct,b	3.2	77	54	-	
	Yarmouth ...	30.06	58	NE	2	30.08	+ .01	53	51	- 5	NNE	3	cv	3	b	#	60	51	-	
	Cuxhaven ...	29.95	63	NNW	3	29.96	+ .02	57	53	- 7	NNW	3	c	#	c	#	72	55	-	
	Berlin ...	29.87	70	NN	3	29.92	+ .01	61	56	- 8	NN	4	o	#	b	#	81	59	0.08	
	Wiesbaden ...	*	*	*	*	30.04	+ .05	63	59	- 5	NN	2	c	#	*	#	72	61	-	
	Munich ...	30.03	65	SSE	2	30.06	+ .04	64	58	+ 2	SW	4	r	#	o	#	77	57	0.28	
	The Helder ...	30.05	62	NW	1	30.06	- .02	55	53	- 3	N	2	o	2	c	#	63	54	0.04	
	Brussels ...	*	*	*	*	30.08	- .02	57	56	+ 3	S	1	o	#	*	#	63	51	-	
	Cape Gris Nez ...	30.08	54	SW	1	30.04	- .05	56	56	+ 2	SW	1	f	1	f	#	64	50	-	
	Paris ...	30.10	71	N	2	30.10	- .03	62	59	+ 5	SW	1	f	#	b	#	75	57	-	
FRANCE & BELGIUM.	Brest ...	30.16	62	NNW	1	30.17	- .00	56	55	- 1	N	1	b	1	m	#	64	48	-	
	Lorient ...	30.16	66	NNW	4	30.16	+ .01	58	55	- 2	N	2	b	2	m	#	75	52	-	
	Rochefort ...	30.10	64	NNW	2	30.10	+ .04	64	64	0	Z	0	f	#	m	#	72	61	-	
	Belfort ...	30.01	65	W	2	30.06	+ .09	58	56	- 4	W	2	f	#	c	#	79	54	-	
	Lyons ...	30.00	72	NW	4	30.08	+ .07	64	59	- 1	NN	2	c	#	b	#	79	57	-	
	Nice ...	29.96	69	Z	0	29.94	+ .04	69	62	+ 3	Z	0	b	0	b	#	81	59	-	
	Perpignan ...	30.03	70	NW	4	30.04	- .03	72	64	+ 6	NN	3	b	#	o	#	77	66	-	
	Biarritz ...	30.12	63	WSW	3	30.10	- .00	60	60	- 1	W	2	f	2	o	#	64	59	0.08	
	Corunna ...	*	*	*	*	30.08	- .06	69	61	+ 1	NNE	2	b	#	b	#	81	61	-	
	Lisbon ...	30.10	67	NNW	1	30.08	- .06	69	61	+ 1	NNE	2	b	#	b	#	81	61	-	
PENIN- SULA.	Azores (P. Delgada)	30.00	59	WNW	4	30.01	- .06	63	60	- 3	SW	4	c	3	o	#	66	57	0.08	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 5.0 hrs;

WEATHER CHARTS

FOR *Monday, 7th June. 1897.*

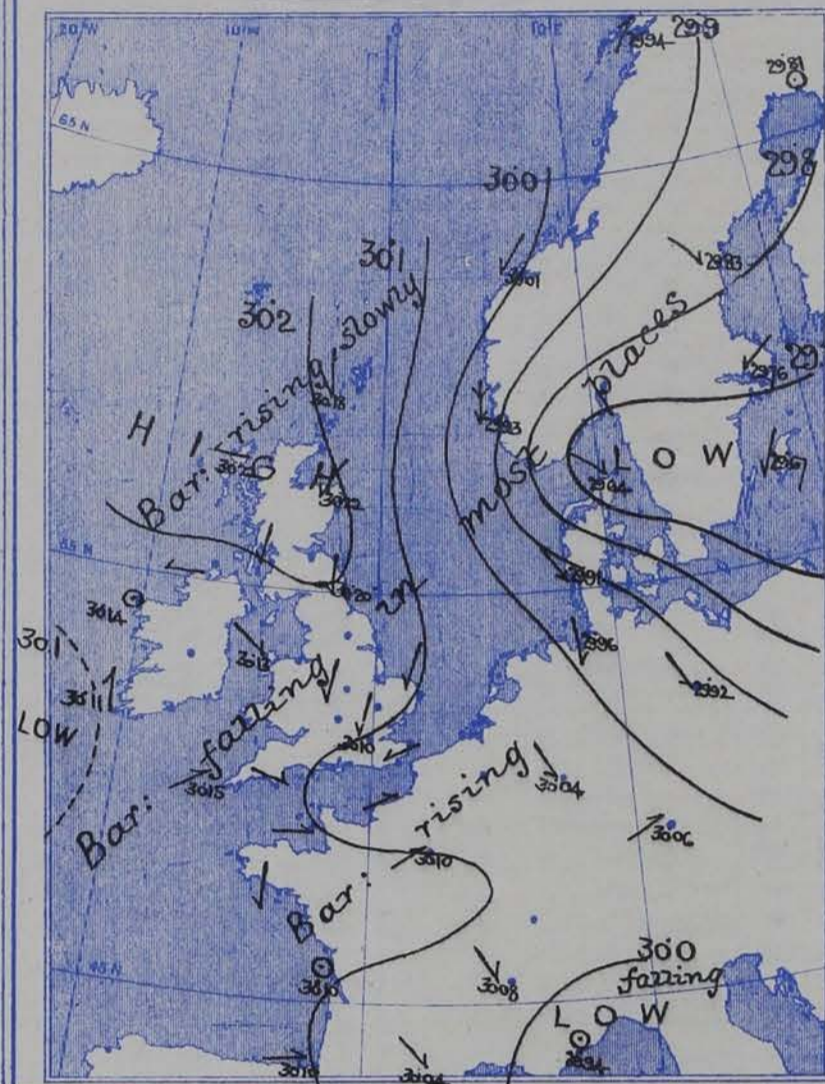
BAROMETER, WIND AND SEA.

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 ■■■■

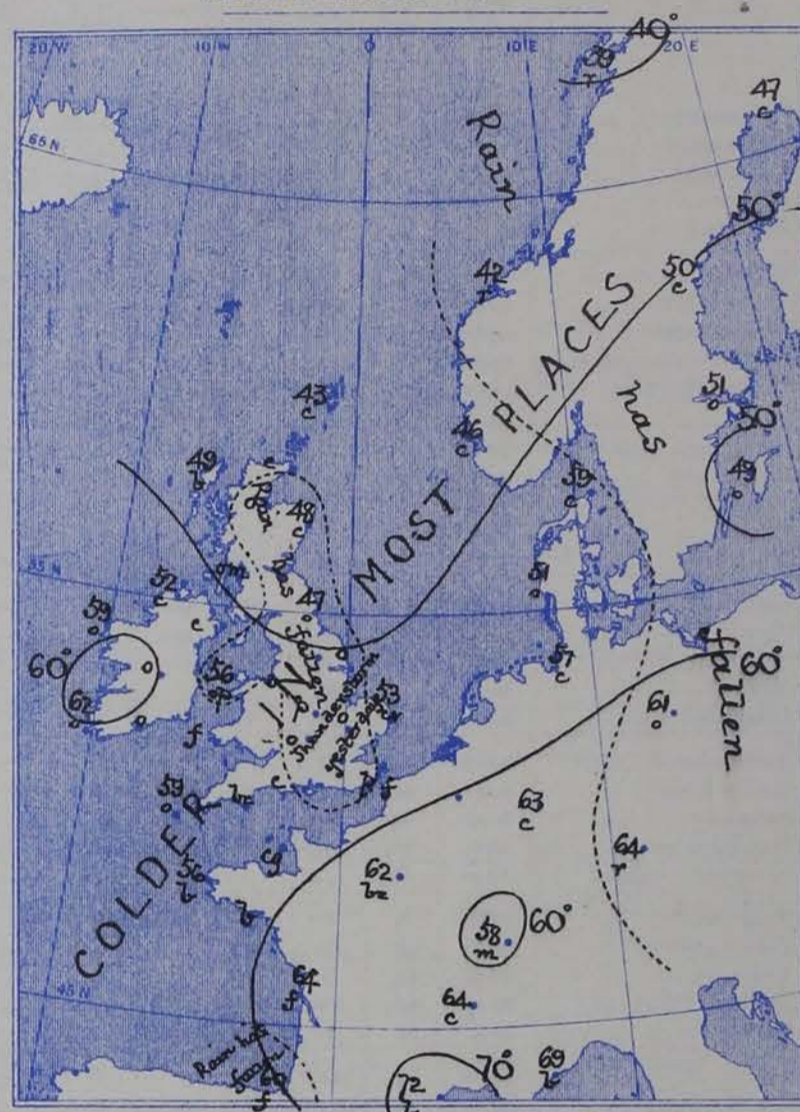


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and more over Scotland, and exceeding 30.1 ins. all over our Islands, Brittany and apparently over the Bay of Biscay and Spain.
 Lowest (1) Below 29.7 ins. over the Skager Rack and N. of Denmark. (2) Below 30.1 ins. off the SW coast of Ireland.
 Gradients slight and variable over our Islands, rather steep over Norway and Denmark.

TEMPERATURE

Barometer falling in the last named regions and also over the SE. of England, and at Valencia, rising slightly in Scotland.
 Highest 72° at Perpignan, 62° at Paris, Jersey, and in London.
 Lowest 39° at Bodo, 42° at Christiansund, 43° at Sunningh N., 47° at Shields, and below 50° over Scotland generally.
 It rose to between 70° to 77° over our inland districts yesterday, to 75° at Paris, 81° at Berlin and at Nice. The air in London was very misty and close.

WIND

Very light over our Islands — mainly N. over Great Britain, and NW. over the North Sea and Denmark; but S. at Valencia (Ireland).
 It had been very variable over our Islands during the preceding 24 hours.

WEATHER

Dull and close over our Islands generally, and not settled; very unsettled over Scandinavia and Germany, with rain in several places, cloudy over France.
 Heavy thunderstorms occurred yesterday over our SE. counties (locally) the rainfall varying immensely over very small areas. Bright Sunshine recorded yesterday was 10 hrs. at Sully, 5 hrs. at Southport, much less at our other stations — none in London or at Abbe.

SEA

Rather rough at Sunningh N., slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Further thunderstorms and showers are probable in the SE. and E. and changeable, unsettled weather in most districts.

FORECASTS

For the 24 hours ending at NOON on 8th JUNE 1897.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	NE ^{ly} and N ^{ly} winds; fair, to showery
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	NW ^{ly} and N ^{ly} winds; dull, rain at times. Colder.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	N ^{ly} and varying airs; dull, rainy, and thunder in places.



DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Varying airs; weather changeable, local showers, some thunder.
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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes	29.95	55	49	N	6	6	2	Valencia							
Sumburgh Head								Scilly							
Stornoway	30.15	54	54	E	3	0	4	Jersey	30.16	68	63	WNW	2	6	3
Aberdeen								Hurst Castle							
Shields								Dungeness	30.11	58	57	SW	2	f	1
Ardrossan								North Foreland	30.13	61	58	NE	1	c	1
Malin Head	30.15	57	56	NW	3	c	1	London (Westminster)							#
Belmullet	30.7	66	56	WNW	1	6	*	Yarmouth							
Holyhead								Rocheport	30.08	71	70	N	3	m	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Continental information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD. FROM THE 30TH MAY TO THE 5TH JUNE, 1897.

At the commencement of last week the barometer was highest over northern and central Europe, and lowest in a series of depressions which moved northward outside our extreme west coasts. The prevailing winds were therefore S.W. and the weather changeable and showery, the formation of a small secondary disturbance over the Channel on the 30th May being followed in the evening or night by small thunderstorms in the E. and S.E. of England, with heavy rain in places.

Later on the high pressure system over N.W. Europe began to spread westward towards our northern coasts, the movement being, however, retarded for a time by the advance of a large shallow depression from France. On the 1st June this latter system spread gradually over the greater part of the Kingdom, rain being experienced in all but the extreme northern districts, and thunderstorms in many parts of St. Britain.

On the 2nd June, however, the depression filled up and the anticyclone in the north extended over the whole Kingdom, the wind for the remainder of the week being light from the N.W., with fair dry weather in most districts, but with a good deal of cloud and fog in places, especially during the early part of the day.

Temperature was as a rule rather low in the northern parts of the Kingdom, but equal to or slightly above the average in most other districts, the thermometer in the day time frequently rising to 70° or more at several of the English and Irish stations.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 8th June, 1897.
Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
				At 32° and M.S.L.	Dry Bulb.		Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Direc.	Force (0 to 12.)	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.	
SCANDINAVIA.	Haparanda ...	29.73	41	SW	2	b	29.73	-0.08	45	41	-2	NE	2	0	#	b	#	50	34	-	
	Hernösand ...	29.76	47	N	2	c	29.77	-0.06	49	41	-1	N	6	c	#	c	#	52	37	-	
	Stockholm ...	29.68	41	NNE	4	r	29.67	-0.09	45	43	-6	N	4	0	#	r	#	52	41	0.63	
	Wisby ...	29.56	48	NNE	4	r	29.63	-0.04	42	41	-7	NNW	6	0	#	r	#	52	42	0.20	
	Karlstad ...	29.77	45	WNW	4	0	29.82	+0.06	46	42	0	NNW	6	0	#	r, 0	#	#	#	0.20	
	Bodö ...	29.93	41	N	4	0	29.95	+0.01	43	40	+4	N	4	0	2	0	#	43	36	0.12	
	Christiansund ...	30.00	46	NE	2	b	30.07	+0.06	41	40	-1	NNE	3	r	3	b	#	46	41	0.12	
	Skudesnaes ...	29.99	45	N	10	bc	30.02	+0.09	46	41	0	N	6	0	2	b, bc	#	50	39	#	
	Færder (Christiania Fjord)	29.82	49	N	6	c	29.89	+0.07	48	43	-3	N	6	0	3	c	#	52	45	0.12	
	Skagen (The Scaw)	29.76	50	NNE	3	c	29.88	+0.24	46	45	-13	NNE	4	c	1	c, r	#	59	39	1.02	
BRITISH ISLANDS.	Fanö ...	29.95	49	NNW	6	c	29.95	+0.04	50	44	-1	NNW	6	c	#	c	#	55	45	-	
	Sumburgh Head	30.18	46	NNW	3	c	30.13	-0.05	46	42	+3	N	2	bc	4	b, c	#	49	36	0.01	
	Stornoway ...	30.20	50	E	4	b	30.12	-0.10	49	48	0	E	4	bc	4	b	#	53	45	-	
	Wick ...	30.22	45	N	1	b	30.17	-0.06	48	47	+2	N	2	bc	1	b	#	52	35	-	
	Nairn ...	30.19	49	E	3	c	30.14	-0.07	48	43	+2	E	2	c	1	c	#	54	31	-	
	Aberdeen ...	30.23	46	E	2	bc	30.17	-0.05	48	44	0	E	2	0	2	bc	#	50	37	-	
	Leith ...	30.19	49	ESE	1	0	30.13	-0.07	47	42	+1	E	2	0	#	0	#	51	38	-	
	Shields ...	30.21	47	NE	2	0	30.15	-0.05	48	43	+1	NE	2	c	3	c, 0	#	52	45	-	
	Spurn Head ...	30.18	49	NE	3	0	30.12	-0.01	47	46	-3	E	3	r	3	o, r	#	53	45	0.08	
	York ...	30.19	50	NNE	1	0	30.13	-0.04	47	45	-3	E	1	r	#	0	0.0	#	55	43	0.15
GERMANY & HOLLAND.	Loughborough...	30.15	55	ESE	3	0	30.10	-0.04	47	46	-6	E	2	omd	#	agr. d	#	58	46	0.21	
	Ardrossan ...	30.15	54	NNE	3	om	30.06	-0.10	51	49	+2	NE	4	c	2	om	#	55	41	-	
	Malin Head ...	30.09	51	ESE	5	rm	29.97	-0.16	46	46	-5	SE	5	r	3	rm	#	56	45	0.15	
	Belmullet ...	30.06	61	ESE	1	0	29.89	-0.25	57	55	-2	WSW	1	om	#	0	#	64	53	0.12	
	Donaghadee ...	30.13	51	NE	2	r	30.04	-0.13	47	47	-5	E	5	r	3	r	#	54	45	0.26	
	Liverpool (Bidston)	30.10	56	ESE	3	0	30.03	-0.09	46	44	-13	E	4	r	?	om, p	#	64	45	0.04	
	Holyhead ...	30.09	58	ESE	1	0	29.96	-0.17	52	52	-4	ESE	3	dm	2	omp, 0	#	58	51	0.21	
	Parsonstown ...	30.04	65	SE	1	0	29.91	-0.21	59	56	-1	2	0	0	#	0	0.0	#	69	56	0.02
	Valencia ...	30.04	62	S	2	om	29.83	-0.28	57	53	-5	ESE	3	og	3	o, om	#	65	55	0.03	
	Roche's Point ..	30.08	60	SW	3	c	29.92	-0.22	56	53	-3	S	3	r	3	c	#	64	55	0.10	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.09	57	W	1	0	29.98	-0.15	55	54	+1	SE	3	0	2	0	0.0	#	59	51	-
	Scilly ...	30.11	63	WNW	1	bc	29.90	-0.25	59	57	0	E	3	0	2	o, bc	#	64	55	-	
	Prawle Point ...	30.09	62	W	2	bc	29.97	-0.17	52	52	-11	ESE	4	f	3	bc	#	69	51	-	
	Jersey (St. Aubin's)	30.10	66	WNW	3	b	29.97	-0.18	58	58	-4	NE	2	fw	2	b	#	69	55	-	
	Hurst Castle ...	30.09	63	SSW	1	cm	30.02	-0.08	56	53	-8	E	4	om	2	cu, cm	#	72	54	-	
	Dungeness ...	30.11	56	ESE	3	c	30.04	-0.03	56	52	-2	ESE	3	c	2	c	#	63	52	-	
	North Foreland	30.15	53	NE	3	0	30.09	-0.01	53	50	-3	E	4	0	3	0	#	57	50	-	
	London (Brixton) ...	30.13	56	ESE	1	0	30.06	-0.04	52	50	-10	ESE	2	0	#	0	0.1	#	64	51	-
	Oxford ...	30.12	56	ESE	2	0	30.05	-0.06	51	50	-11	ESE	1	od	#	c, o, r	#	69	50	0.02	
	Cambridge ...	30.15	56	ESE	2	0	30.10	-0.02	49	48	-6	ESE	1	0	#	0	0.1	#	59	46	0.10
PENINSULA.	Yarmouth ...	30.14	53	NNE	4	c	30.10	+0.02	50	47	-3	E	4	cr	4	cr, c	#	55	48	-	
	Cuxhaven ...	30.02	54	NNW	3	c	30.01	+0.05	51	46	-6	NNW	5	bc	#	c	#	57	48	-	
	Berlin ...	29.91	61	NW	4	b	29.98	+0.06	52	45	-9	NNW	5	bc	#	b	#	72	48	-	
	Wiesbaden ...	#	#	#	#	#	30.06	+0.02	60	56	-3	NW	2	c	#	#	#	72	59	-	
	Munich ...	30.07	61	2	0	c	30.07	+0.01	58	57	-6	N	1	0	#	c	#	68	57	0.51	
	The Helder ...	30.13	53	N	2	c	30.12	+0.06	53	46	-2	NE	1	bc	1	c	#	57	50	-	
	Brussels ...	#	#	#	#	#	30.10	+0.02	52	49	-7	NE	2	0	#	r	#	62	49	0.04	
	Cape Gris Nez...	30.09	54	ESE	4	c	30.05	+0.01	54	51	-2	ESE	2	bc	2	c	#	57	50	-	
	Paris ...	30.05	67	2	0	bc	30.04	-0.06	61	59	-1	NE	1	m	#	bc	#	76	59	0.08	
	Brest ...	30.08	69	N	1	b	29.96	-0.21	59	56	+3	ESE	1	0	1	b	#	70	52	-	
GERMANY & HOLLAND.	Lorient ...	30.07	66	2	0	b	29.94	-0.22	59	57	+1	NE	3	c	2	b	#	75	52	-	
	Rochefort ...	30.05	68	NW	3	m	29.99	-0.11	63	63	-1	E	2	m	#	m	#	73	61	-	
	Belfort ...	30.07	66	W	4	c	29.98	-0.08	62	58	+4	E	2	m	#	c	#	82	58	-	
	Lyons ...	30.01	72	N	1	b	29.98	-0.10	69	63	+5	N	1	b	#	b	#	77	60	-	
	Nice ...	29.92	64	2	0	bc	29.93	-0.01	68	65	-1	2	0	0	bc	#	79	61	-		
	Perpignan ...	29.99	79	NW	3	b	29.96	-0.08	72	64	0	SW	2	b	#	b	#	83	54	-	
	Biarritz ...	30.01	65	NNE	4	b	29.92	-0.18	61	60	+1	2	0	m	1	b	#	68	59	-	
	Corunna ...	#	#	#	#	#	30.05	-0.03	64	59	-5	NW	3	c	#	b	#	82	59	-	
	Lisbon ...	30.06	64	NW	5	b	30.05	-0.03	64	59	-5	NW	3	c	#	b	#	82	59	-	
	Azores (P. Delgada)	30.08	64	WSW	4	bc	30.06	+0.05	64	62	+1	SW	5	bc	4	bc	#	68	63	-	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport. 2.9 hrs;

WEATHER CHARTS

FOR Tuesday, 8th June, 1897.

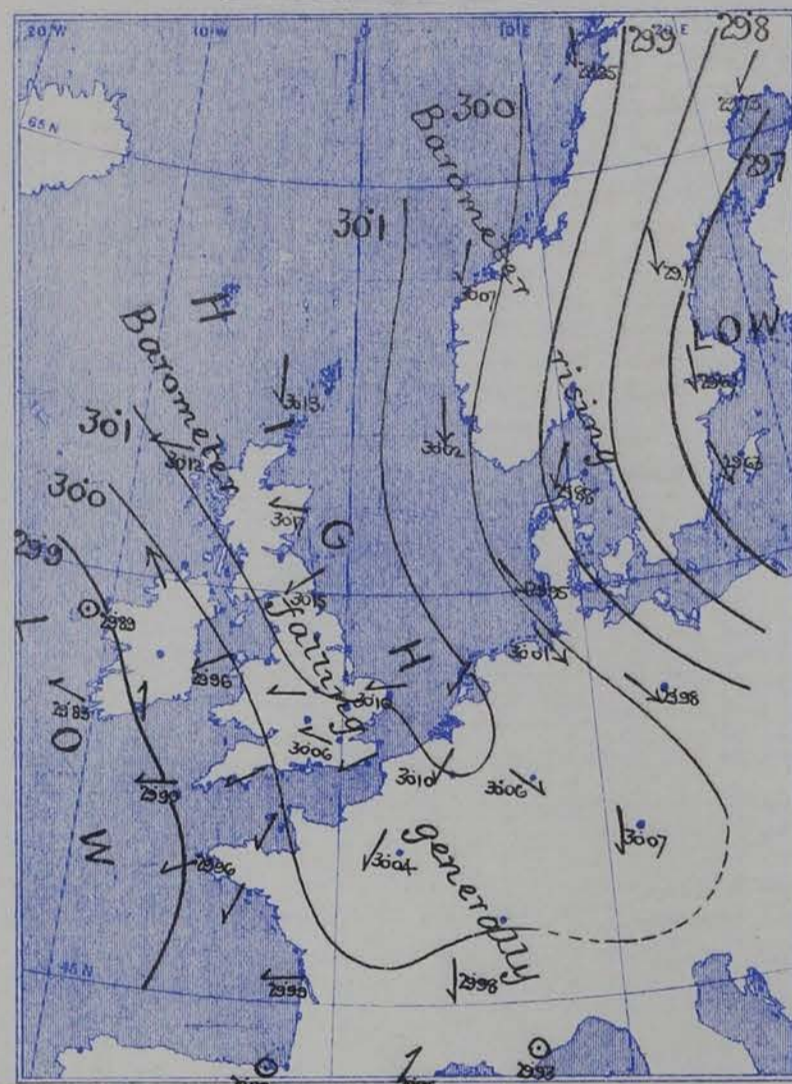
BAROMETER, WIND AND SEA.

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

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

Force above 10 → : Force 5 to 7 → : } Calm ○
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough : High

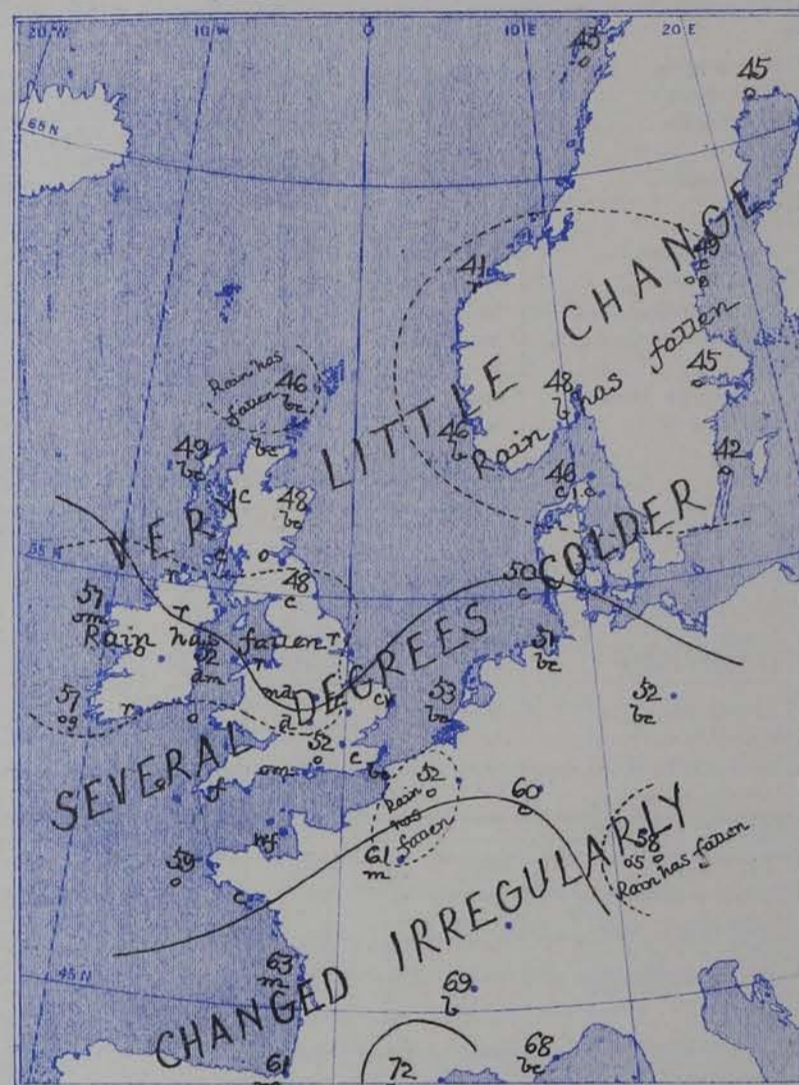


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
(Inches.)	°	°	°	°	°		°		(Inches.)			
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Seilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 inches and more over the Shetland Islands, Scotland, the north and east of England and Holland.
 Lowest (1) Below 29.7 inches over the Baltic, and the S. of Sweden, (2) Below 29.9 ins. over the west of Ireland, and apparently still lower over the Atlantic.
 Gradients were slight over Scotland and the North Sea, moderate elsewhere and favourable for S. to S.W. winds over our Islands.
 Barometer was falling over our Islands - most in the west.

TEMPERATURE

Highest 72° to 68° in the south of France, 61° at Paris, 59° at Lally.
 Lowest 41° at Christiansund, 42° at Widdby, 46° at Lumburgh Head and Malin Head.
 It had fallen very decidedly over England during the preceding twenty-four hours, but had not changed much over the Continent. In London the reading was 24° lower than that on Sunday - clear day.

WIND

Variable from the Eastward (Southeast to Northeast) over our Islands and France, and light to moderate in force. Northerly over the countries lying to the eastward of the North Sea, and moderate to fresh in force.

WEATHER

Fine over Scotland, the South of Norway, Denmark and North Germany; very dull over Ireland and England, with rain in several places; misty over France. Rain had fallen generally over Scandinavia, Ireland and the north of England, also in some parts of Germany and France. Bright Sunshine recorded yesterday was very slight over England, but was 3.9 hours at Lally, 3.7 hours at Aberdeen, and as much as 15.8 hours at Stormoway. A solar halo was seen at Jersey.

SEA

Moderate in the north, and at Gormouth; slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Cold Easterly winds and rain seem likely to prevail very generally over Ireland and England during the coming day.

FORECASTS

For the 24 hours ending at NOON on JUNE 9TH 1897.

DISTRICTS.

FORECASTS.

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

Varying Easterly breezes;
 fair to rainy.
 Easterly winds; cold
 and rainy.

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.
 Easterly and southeasterly
 winds; cold, rain at times.
 None Issued.

WARNINGS

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	29.94	50	44	N	10	7	3	Valencia	30.09	62	60	S	3	0	4
Sumburgh Head	30.19	47	43	NNW	3	7	5	Scilly	30.15	63	59	WNW	1	0	1
Stornoway	30.21	53	51	E	4	7	4	Jersey	30.14	67	60	WNW	3	7	3
Aberdeen	30.23	48	44	E	2	7c	3	Hurst Castle	30.10	62	58	WSW	3	cu	1
Shields	30.21	51	46	NE	2	c	3	Dungeness	30.10	59	57	NE	2	c	1
Ardrossan	30.15	53	52	NNE	3	ow	1	North Foreland	30.14	55	53	NNE	3	0	3
Malin Head	30.12	52	51	E	4	0	2	London (Westminster)	30.13	61	58	NE	2	0	#
Belmullet	30.10	62	58	ESE	1	0	*	Yarmouth	30.13	54	51	NNE	4	cv	3
Holyhead	30.12	57	55	N	2	amp	1	Rocheport	30.10	72	72	WSW	3	w	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Continental Information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

* AN ASTERISK is inserted in all places for which information is not usually received.
N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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„ Weekly „ „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on *Wednesday, 9th June,* 1897.
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.		
				At 32° and M.S.L.	Dry Bulb.		Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Direc.	Force (0 to 12.)		Max.	Min.
		Inch.	°				Inch.	Inch.	°	°	°						°	°	Inch.		
SCANDINAVIA.	Haparanda ...	29.74	49	NE	4	c	29.80	+0.7	50	42	+5	NE	2	bc	#	c	#	54	34	Ins.	
	Hernösand ...	29.79	48	NW	2	0	29.84	+0.7	53	45	+4	NW	4	c	#	0	#	53	37	-	
	Stockholm ...	29.84	46	N	4	b	29.86	+1.9	50	44	+5	NW	4	0	#	0	#	52	39	-	
	Wisby ...	29.84	44	NW	4	b	29.92	+2.9	45	44	+3	NW	4	bc	#	b	#	46	39	0.16	
	Karlstad ...	29.88	50	N	1	c	29.94	+1.2	48	43	+2	N	4	b	#	rh.c	#	#	#	-	
	Bodö ...	29.95	43	N	4	b	29.92	-0.3	42	39	-1	NW	4	0	#	2	b	#	45	39	0.08
	Christiansund ...	30.05	48	NW	2	0	30.02	-0.5	43	41	+2	NW	1	bc	#	3	0	#	48	41	0.12
	Skudesnaes ...	30.01	48	NW	6	b	29.99	-0.3	49	46	+3	NW	4	c	#	2	0	#	54	41	#
	Færder (Christiania Fjord)	29.93	50	N	5	bc	29.99	+1.0	51	45	+3	N	2	bc	#	1	bc	#	54	46	-
	Skagen (The Scaw)	29.97	51	NW	2	b	30.00	+1.2	53	46	+7	NNE	2	0	#	0	0	#	59	41	0.04
Fanö ...	30.02	46	NE	2	b	29.96	+0.1	48	45	-2	NE	4	b	#	0	0	#	53	43	-	
BRITISH ISLANDS.	Sumburgh Head	30.10	46	ESE	1	c	30.01	-1.2	48	44	+2	ESE	1	b	#	3	b.c.c	#	49	38	-
	Stornoway ...	29.96	53	E	4	bc	29.88	-2.4	49	47	0	SE	2	0	#	3	bc	#	54	40	-
	Wick ...	30.06	46	E	3	0	29.97	-2.0	48	46	0	S	4	0	#	4	0	#	53	43	-
	Nairn ...	29.97	55	E	3	b	29.91	-2.3	50	45	+2	SSE	1	bc	#	1	0	#	54	34	-
	Aberdeen ...	30.07	47	SE	2	b	29.98	-1.9	47	42	-1	SE	3	og	#	2	0	#	51	43	-
	Leith ...	30.00	50	NE	2	0	29.90	-2.3	50	45	+3	E	3	0	#	0	#	52	45	-	
	Shields ...	30.04	48	E	3	0	29.91	-2.4	50	45	+2	E	3	c	#	3	c.0	#	52	47	-
	Spurn Head ...	29.99	49	ESE	4	op	29.83	-2.9	51	48	+4	E	5	0	#	5	r.op	#	51	47	0.07
	York ...	30.01	48	E	2	0	29.85	-2.8	50	45	+3	E	2	0	#	0	r.0	#	50	45	0.15
	Loughborough ...	29.96	50	E	3	0	29.79	-3.1	47	46	0	ESE	3	omf	#	0	r.c.r	#	51	46	0.62
GERMANY & HOLLAND.	Ardrossan ...	29.91	53	SE	3	om	29.86	-2.0	49	48	-2	E	2	om	#	1	om	#	53	45	-
	Malin Head ...	29.83	49	SE	6	rm	29.79	-1.8	48	47	+2	ESE	5	om	#	3	or.omr	#	51	45	0.10
	Belmullet ...	29.76	56	ESE	1	or	29.73	-1.6	52	51	-5	ESE	1	or	#	0	0	#	60	49	0.17
	Donaghadee ...	29.90	49	ESE	6	0	29.81	-2.3	48	47	+1	ESE	6	0	#	4	0	#	49	48	0.20
	Liverpool (Bidston)	29.93	49	E	3	r	29.78	-2.5	49	46	+3	E	4	0	#	0	rm	#	51	45	0.20
	Holyhead ...	29.81	54	ESE	1	rmq	29.72	-2.4	50	49	-2	E	5	op	#	4	m.d.mr	#	56	48	0.08
	Parsonstown ...	29.73	48	SE	1	r	29.68	-2.3	54	52	-5	SE	2	r	#	0	or	#	62	51	0.43
	Valencia ...	29.65	57	E	4	gr	29.68	-1.5	56	55	-1	NW	4	0	#	4	og.rg	#	62	57	0.37
	Roohe's Point ...	29.66	56	SE	4	r	29.64	-2.8	58	56	+2	NE	3	0	#	3	og.rg	#	59	55	0.70
	Pembroke (St. Ann's Hd.)	29.72	54	SE	6	r	29.63	-3.5	55	55	0	SW	3	bc	#	4	r.qi	#	57	52	0.02
FRANCE & BELGIUM.	Scilly ...	29.67	57	SW	4	r	29.71	-4.9	57	55	-2	NW	5	0	#	4	mr	#	62	54	0.25
	Prawle Point ...	29.77	53	E	3	r	29.74	-2.3	57	55	+5	NW	4	c	#	3	rs.op	#	57	52	0.70
	Jersey (St. Aubin's)	29.80	66	ESE	2	gtl.r	29.79	-1.8	59	56	+1	NW	5	bc	#	4	f.tlr	#	67	55	0.31
	Hurst Castle ...	29.63	58	E	4	ov	29.69	-3.3	58	57	+2	NW	4	cm	#	2	om.or	#	59	55	0.95
	Dungeness ...	29.85	54	E	4	0	29.67	-3.7	53	52	-3	NW	1	m	#	1	0	#	58	51	0.20
	North Foreland	29.93	53	E	4	0	29.68	-4.1	51	51	-2	SE	3	r	#	3	or	#	56	50	0.83
	London (Brixton) ...	29.89	53	ESE	4	op.d	29.70	-3.6	50	50	-2	E	1	og	#	0	gd.v.r	#	56	49	0.58
	Oxford ...	29.85	50	E	1	r	29.72	-3.3	49	48	-2	NE	2	og	#	0	r	#	53	45	1.05
	Cambridge ...	29.96	49	E	1	r	29.74	-3.6	49	49	0	ESE	1	r	#	0	or	#	52	47	0.74
	Yarmouth ...	29.99	49	E	4	r	29.74	-3.6	51	49	+1	ESE	6	ggr	#	5	cp.or	#	52	47	0.19
GERMANY & HOLLAND.	Cuxhaven ...	30.01	54	N	3	bc	29.93	-0.8	51	48	0	E	5	bc	#	0	bc	#	59	46	-
	Berlin ...	30.03	55	NW	4	b	29.99	+0.1	54	46	+2	NNE	3	0	#	0	0	#	63	50	-
	Wiesbaden ...	#	#	#	#	#	29.77	-2.9	55	52	-5	NE	1	r	#	0	0	#	64	54	-
	Munich ...	29.99	60	NE	2	bc	29.86	-2.1	57	57	-1	SE	2	r	#	0	bc	#	68	54	0.28
	The Helder ...	30.03	53	NE	3	0	29.83	-2.9	51	46	-2	E	5	c	#	0	0	#	56	37	-
	Brussels ...	#	#	#	#	#	29.71	-3.9	51	51	-1	SE	2	r	#	0	0	#	62	49	0.79
	Cape Gris Nez ...	29.86	55	E	5	0	29.66	-3.9	52	52	-2	ESE	2	r	#	2	0	#	59	48	0.08
	Paris ...	29.85	70	N	2	0	29.77	-2.7	59	57	-2	N	2	r	#	0	0	#	73	59	0.28
	Brest ...	29.75	59	S	3	f	29.82	-1.4	57	56	-2	NW	4	c	#	3	f	#	66	54	0.04
	Lorient ...	29.79	61	Z	0	r	29.88	-0.6	59	57	0	N	5	bc	#	4	r	#	75	50	0.04
FRANCE & BELGIUM.	Rochefort ...	29.82	66	NW	3	tlr	29.95	-0.4	61	59	-2	NW	4	c	#	0	m.tlr	#	81	59	0.16
	Belfort ...	29.84	66	ESE	3	m	29.82	-1.6	58	58	-4	NW	3	0	#	0	m	#	76	55	0.79
	Lyons ...	29.81	78	E	1	bc	29.91	-0.7	62	60	-7	SSE	1	c	#	0	bc.tlr	#	84	59	0.12
	Nice ...	29.92	66	SE	3	bc	29.93	-0.0	64	62	-4	S	1	c	#	0	bc	#	77	61	-
	Perpignan ...	29.84	75	NE	2	c	29.96	-0.0	70	63	-2	E	2	c	#	0	c	#	84	63	-
	Biarritz ...	29.90	63	NW	5	0	30.02	+1.0	62	60	+1	N	5	r	#	4	om	#	86	59	-
PENIN- SULA.	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lisbon ...	30.10	65	NW	4	0	30.11	+0.6	68	61	+4	N	4	b	#	0	0	#	73	64	-
	Azores (P. Delgada)	30.05	64	SW	6	0	30.00	-0.6	65	63	+1	SSW	4	0	#	4	0	#	66	63	-

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport... 9.0 hrs;

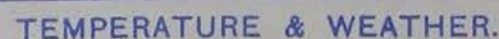
FOR Wednesday, 9th June, 1897.

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

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

Force above 10 \rightarrow ; Force 5 to 7 \rightarrow ; } Calc =

Force above 10 $\Rightarrow \Rightarrow$; Force 5 to 7 \Rightarrow ; } Calm \odot
Force 8 to 10 $\Rightarrow \Rightarrow$; Force 1 to 4 \Rightarrow ; }

SEA—Rough : High

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 in: and more over the Shetland Islands and west of Norway and also over the Spanish Peninsula.
 Lowest, 29.7 in: and less, over the southern parts of England and Ireland.
 Gradients moderate; distribution very complex.
 Barometer beginning to rise on our southwestern and southern coasts.

TEMPERATURE

Highest, 70° at Perpignan, and above 60° over all the southern parts of France; 59° at Paris and Jersey.
 Lowest, 42° at Borås, 43° at Christiansund, 47° to 50° over Scotland and the north of Ireland, 50° in London.
 Maxima of 60° and more were recorded at several of the Irish stations yesterday, 67° at Jersey, 73° at Paris, 84° to 86° over the southern parts of France.

WIND

SE to E over the greater part of our Islands, and moderate to fresh in force.
 WSW, moderate to fresh; on the English Channel, and WNW over the Bay of Biscay, W at Paris.

WEATHER

Fair and bright over Germany, Denmark, and Scandinavia, as well as over Scotland and some of the western parts of France; very dull gloomy and rainy over Ireland and England.
 Heavy rain has fallen over all the southern and southern parts of our Islands, as well as at Brussels and Belfast—smaller quantities over the remainder of England, Ireland, and France. The largest amounts reported 1.05 in: at Oxford, 0.95 in: at Hunt Castle, 0.85 in: at Rock Point, 0.7 in: or more at Abbeville, Cambridge and Brussels. Bright Sunshine recorded yesterday was 15.4 hrs at Tromsø, 14.3 hrs at Aberdeen, but less than an hour at the Irish and English stations, and in most places none.

SEA

Moderate in most places, rather rough at Spanish Head and Yarmouth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Unsettled rainy weather is still probable over England and Ireland, but with some improving tendency later on.

FORECASTS

For the 24 hours ending at NOON on 10TH JUNE, 1897.

DISTRICTS.

FORECASTS.

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

SE² winds, moderate; fair.
 E² winds, light; some rain, then finer.
 E² and Variable winds, light or mod²; rainy, improving later.

DISTRICTS.



FORECASTS.

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

E² breezes, light; dull, some rain.
 SW² and W² winds; some rain, bright intervals.
 Same as N^{os} 6 and 7.
 NW² winds, light; some rain.

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.02	54	46	WNW	0	b	2	Valencia ...	29.72	60	55	ESE	4	og	4
Sumburgh Head ...	30.13	47	43	SE	1	bc	4	Scilly ...	29.74	59	57	ESE	5	m	3
Stornoway ...	30.05	54	52	E	4	bc	4	Jersey ...	29.85	67	65	E	2	f	3
Aberdeen ...	30.12	50	45	SE	3	b	3	Hurst Castle ...	29.92	58	55	E	4	om	3
Shields ...	30.10	57	46	E	3	c	3	Dungeness ...	29.97	56	52	ESE	4	o	3
Ardrossan ...	29.97	54	53	SE	4	o	3	North Foreland ...	30.00	54	53	E	4	o	3
Malin Head ...	29.90	48	48	SE	6	b	3	London (Westminster) ...	29.99	54	51	ESE	2	oap	#
Belmullet ...	29.82	59	55	ESE	1	o	*	Yarmouth ...	30.05	52	48	E	4	up	#
Holyhead ...	29.89	56	55	2	o	ogmd	o	Rochefort ...	29.86	77	76	WNW	1	m	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over Iceland, the Shetlands, and many parts of Scandinavia and Holland; fair over the Spanish Peninsula, and southern and southeastern Europe; very dull over Ireland and England, with rain in several places, as well as over many parts of Russia and Finland. Rain falling later over Ireland, England, France and Belgium - heavily in many places, thunderstorms occurring at Lyons, Rochefort, and Jersey.

Temperature fallen decidedly over England, as well as over the Baltic and central Europe. Morning readings, highest 76° at Barcelona, 73° at Algiers, 72° at Toulon and Brindisi, and exceeding 60° over southern and southeastern Europe generally. 61° at Paris, 59° at Scilly. Lowest 41° at Christianmünd and below 50° over the whole of northern Europe, including Scotland and the northern parts of England and Ireland. Rising later to between 50° and 59° over Great Britain, to 60° or more over Ireland and the Scilly Islands to 63° at Berlin, to 73° at Paris, 84° at Lyons and 86° at Biarritz.

Winds (1) NE to N, moderate to strong, over Finland, Sweden, Norway, NW to W over Germany, and blowing strongly at Newfoundland; (2) SE to E over Ireland, England, and the Channel; (3) light and variable over the North Sea, France, and southeastern and southern Europe. Freshening from SE and E, over Ireland and England later, but shifting to SW at Scilly and to S at Brest.

Barometer in morning, highest 30.1 in: and more over the eastern and northern parts of Great Britain, with the Shetland Islands; (2) 30.0 in: and more over the north of Africa and the southwestern parts of the Mediterranean and the Spanish Peninsula. Lowest (1) below 29.5 in: in a depression over Russia; (2) below 29.3 in: off our southwest coast and over the west of Ireland. Western disturbance spreading southeastwards later, and distribution of pressure over our Islands and their neighbourhood becoming very complex.

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.
N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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DAILY WEATHER REPORT

for 8 a.m. on *Thursday, 10th June, 1897.*
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.				Force (0 to 12.)	Weather.	Max.	Min.	Rainfall.
Ins.		°				Ins.	Ins.	°	°	°						°	°	Ins.			
SCANDINAVIA.	Haparanda ...	29.78	49	W	2	C	29.83	+0.05	52	46	+2	W	4	C	#	C	#	57	39	-	
	Hernösand ...	29.88	50	Z	0	C	29.95	+0.07	51	44	-2	W	4	C	#	C	#	59	45	-	
	Stockholm ...	29.99	50	W	2	C	30.04	+0.05	58	50	+8	MSW	2	C	#	C	#	58	41	-	
	Wisby ...	30.02	47	SSW	4	b	30.10	+0.08	50	47	+5	W	2	b	#	b	#	50	37	-	
	Karlstad ...	29.97	53	SW	2	b	30.01	+0.07	54	48	+6	SSW	4	b	#	b	#	#	#	-	
	Bodö ...	29.93	42	Z	0	r	29.95	+0.02	43	41	+1	Z	0	C	0	r	#	46	37	0.20	
	Christiansund ...	30.00	48	WNW	3	bc	30.07	+0.05	43	41	0	W	6	C	3	bc	#	48	41	0.04	
	Skudesnaes ...	30.04	48	N	4	b	30.13	+0.09	48	43	-1	N	4	C	2	b	#	55	41	#	
	Færder (Christiania Fjord)	29.92	58	MSW	4	bc	30.01	+0.02	56	51	+5	SW	3	b	2	bc	#	59	50	-	
	Skagen (The Scaw)	30.02	53	Z	0	b	30.09	+0.07	57	48	+4	MSW	3	b	0	b	#	68	43	-	
Fanö ...	29.97	55	E	3	b	30.08	+0.12	53	50	+5	E	2	b	#	b	#	70	48	-		
BRITISH ISLANDS.	Sumburgh Head	30.01	47	SE	1	C	30.09	+0.08	48	44	0	SE	1	0	3	bc, c	#	50	42	-	
	Stornoway ...	29.91	57	SSE	2	bc	30.02	+0.11	54	52	+5	NNE	2	0	3	c, bc	#	57	43	-	
	Wick ...	29.97	46	SE	5	0	30.05	+0.08	52	50	+4	SE	2	C	1	0	#	52	46	0.02	
	Nairn ...	29.91	57	SSE	1	C	30.09	+0.18	55	50	+5	WNW	1	bc	1	C	#	58	42	-	
	Aberdeen ...	30.00	47	SE	2	bc	30.10	+0.12	52	45	+5	SSE	3	bc	2	0, bc	#	54	40	-	
	Leith ...	29.94	51	ESE	3	bc	30.10	+0.20	52	47	+2	E	1	m	#	bc	#	56	39	-	
	Shields ...	29.95	51	E	3	C	30.13	+0.22	51	46	+1	NE	1	C	2	C	#	54	46	-	
	Spurn Head ...	29.89	52	NE	4	b	30.09	+0.26	53	51	+2	NNE	4	C	4	b	#	56	48	-	
	York ...	29.90	54	ESE	1	C	30.13	+0.28	53	47	+3	NE	1	b	#	C	#	56	43	-	
	Loughborough ...	29.88	51	ESE	2	0	30.12	+0.33	52	49	+5	NE	2	0, m	#	r, 0, cm	#	53	40	0.20	
GERMANY & HOLLAND.	Ardrossan ...	29.89	56	NE	1	cf	30.10	+0.24	56	53	+7	ESE	1	bc, m	1	0, cf	#	56	46	-	
	Malin Head ...	29.87	51	SE	4	of	30.01	+0.22	54	52	+6	S	3	0, m	2	0, m	#	54	46	-	
	Belmullet ...	29.84	55	SW	1	of	30.02	+0.29	56	52	+4	SW	1	0	#	0, m	#	57	50	0.19	
	Donaghadee ...	29.91	52	E	3	0	30.12	+0.31	52	50	+4	SSE	5	bc	3	0	#	54	47	-	
	Liverpool (Bidston)	29.87	53	E	2	0	30.13	+0.35	54	50	+5	SE	1	bc	2	r, m, cm	#	55	46	-	
	Holyhead ...	29.84	55	E	4	C	30.09	+0.37	53	51	+3	Z	0	0, m	0	C	#	58	49	-	
	Parsonstown ...	29.83	58	Z	0	0	30.04	+0.36	58	56	+4	Z	0	0	#	0, 0	#	59	53	0.01	
	Valencia ...	29.86	56	W	2	0, m	30.05	+0.37	59	55	+3	SSE	3	C	3	0, 0, m	#	59	51	-	
	Roche's Point ...	29.78	57	SE	3	0	30.09	+0.45	55	54	-3	SW	3	f	3	2, m, 0	#	60	54	-	
	Pembroke (St. Ann's Hd.)	29.82	56	Z	0	f	30.09	+0.46	53	52	-2	SSE	4	og	3	f	1, 2	57	51	0.06	
FRANCE & BELGIUM.	Scilly ...	29.87	59	MSW	4	C	30.11	+0.40	58	55	+1	WNW	2	b	2	C	#	62	54	-	
	Prawle Point ...	29.85	55	MSW	4	C	30.11	+0.37	57	56	0	W	2	0	1	C, p	#	58	53	0.05	
	Jersey (St. Aubin's)	29.90	59	MSW	5	b	30.14	+0.35	58	56	-1	W	4	C	3	b	#	62	54	-	
	Hurst Castle ...	29.89	56	Z	0	r, m	30.10	+0.41	54	52	-4	NE	1	0, m	1	C, p, m	#	62	52	0.48	
	Dungeness ...	29.78	55	W	3	0, p	30.05	+0.38	54	52	+1	WNW	3	C	2	0, r, 10	#	58	46	0.11	
	North Foreland	29.78	54	W	2	0	30.07	+0.39	55	53	+4	W	3	0	2	0	#	56	50	0.05	
	London (Brixton) ...	29.83	52	NNE	2	0	30.11	+0.41	50	49	0	N	1	0, g	#	0, g, 0	#	52	43	0.06	
	Oxford ...	29.91	49	NE	2	0	30.12	+0.40	52	50	+3	NNE	1	0	#	0, r, 0	#	53	43	0.08	
	Cambridge ...	29.86	50	N	2	0	30.10	+0.36	54	53	+5	WNW	1	0	#	r, 0	#	54	41	0.48	
	Yarmouth ...	29.79	50	NE	5	g, g, r	30.05	+0.31	55	53	+4	NNE	3	bc	4	0, r, g	#	55	47	0.45	
PENIN- SULA.	Cuxhaven ...	29.85	59	E	5	bc	30.04	+0.11	55	51	+4	E	3	b	#	bc	#	59	50	-	
	Berlin ...	29.86	56	NE	4	0	29.99	0.00	55	50	+1	E	4	r	#	0	#	63	52	0.04	
	Wiesbaden ...	#	#	#	#	#	30.00	+0.23	57	55	+2	SW	2	0	#	#	#	63	50	1.14	
	Munich ...	29.96	49	W	4	C	30.07	+0.21	54	53	-3	N	6	0	#	r, C	#	64	48	1.02	
	The Helder ...	29.81	53	E	3	0	30.05	+0.22	56	52	+5	E	2	b	2	r, 0	#	56	50	0.12	
	Brussels ...	#	#	#	#	#	30.01	+0.30	53	52	+2	MSW	1	r	#	0	#	65	46	0.12	
	Cape Gris Nez ...	29.79	54	WNW	4	0	30.01	+0.35	53	52	+1	N	3	0	3	0	#	55	50	0.12	
	Paris ...	29.91	57	SSW	2	C	30.09	+0.32	57	54	-2	W	3	0	#	t, C	#	69	54	0.20	
	Brest ...	29.93	60	MSW	3	b	30.12	+0.30	56	55	-1	Z	0	b	1	b	#	66	48	-	
	Lorient ...	30.00	61	WNW	5	bc	30.13	+0.25	55	54	-4	NE	1	m	4	bc	#	66	52	-	
FRANCE & BELGIUM.	Rochefort ...	30.02	64	W	5	C	30.15	+0.20	63	63	+2	W	5	r	#	C	#	68	57	0.35	
	Belfort ...	29.89	60	W	3	0	30.07	+0.25	53	52	-5	W	4	r	#	0	#	68	51	0.39	
	Lyons ...	29.95	69	W	3	C	30.17	+0.26	60	60	-2	W	1	bc	#	C	#	76	52	-	
	Nice ...	29.84	66	Z	0	C	29.88	-0.05	66	62	+2	Z	0	b	0	C	#	73	61	0.12	
	Perpignan ...	30.01	72	N	3	0	30.17	+0.21	66	57	-4	N	3	b	#	0	#	76	63	-	
	Biarritz ...	30.09	66	WNW	3	C	30.15	+0.13	65	59	+3	SW	2	0	2	C	#	72	62	-	
PENIN- SULA.	Corunna ...	#	#	#	#	#	30.01	0.00	74	63	+6	NNE	4	b	#	b	#	74	64	-	
	Lisbon ...	30.13	67	WNW	5	b	30.11	0.00	74	63	+6	NNE	4	b	#	b	#	74	64	-	
	Azores (P. Delgada)	29.95	65	S	5	0	29.92	-0.08	64	64	-1	SSW	4	m	3	0	#	68	63	0.04	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport... 0.6 hrs;

WEATHER CHARTS

FOR *Thursday 10th June* 1897.

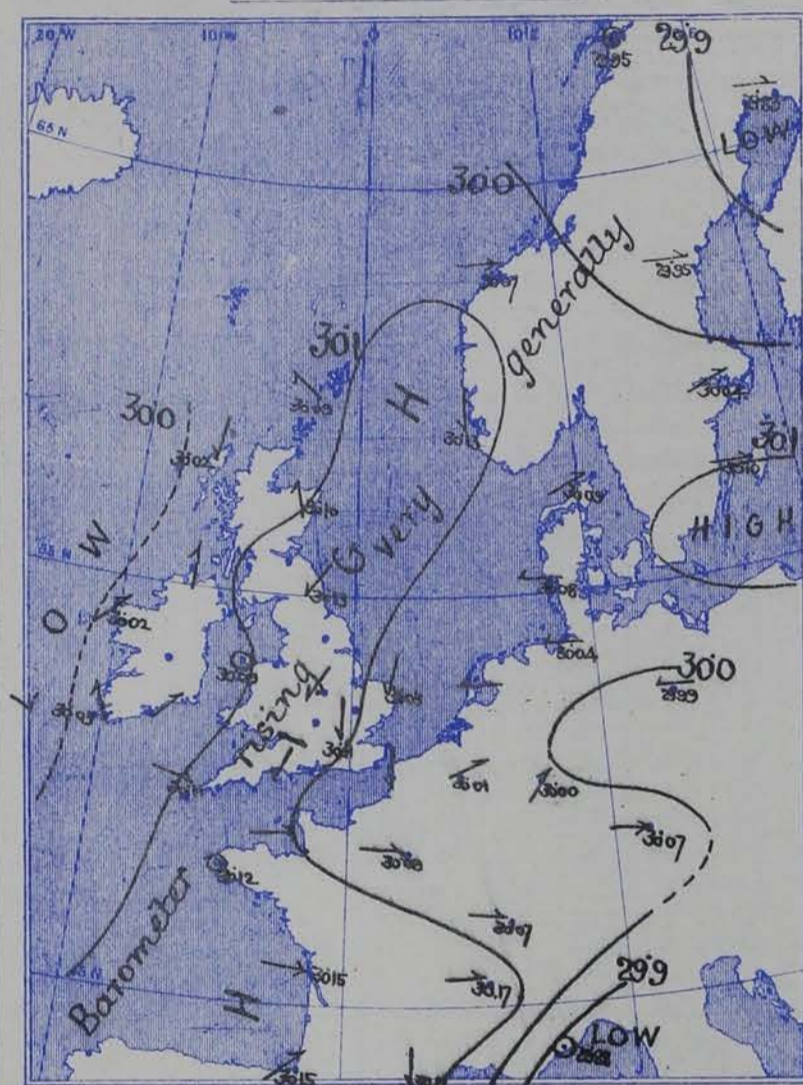
BAROMETER, WIND AND SEA.

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 ≡

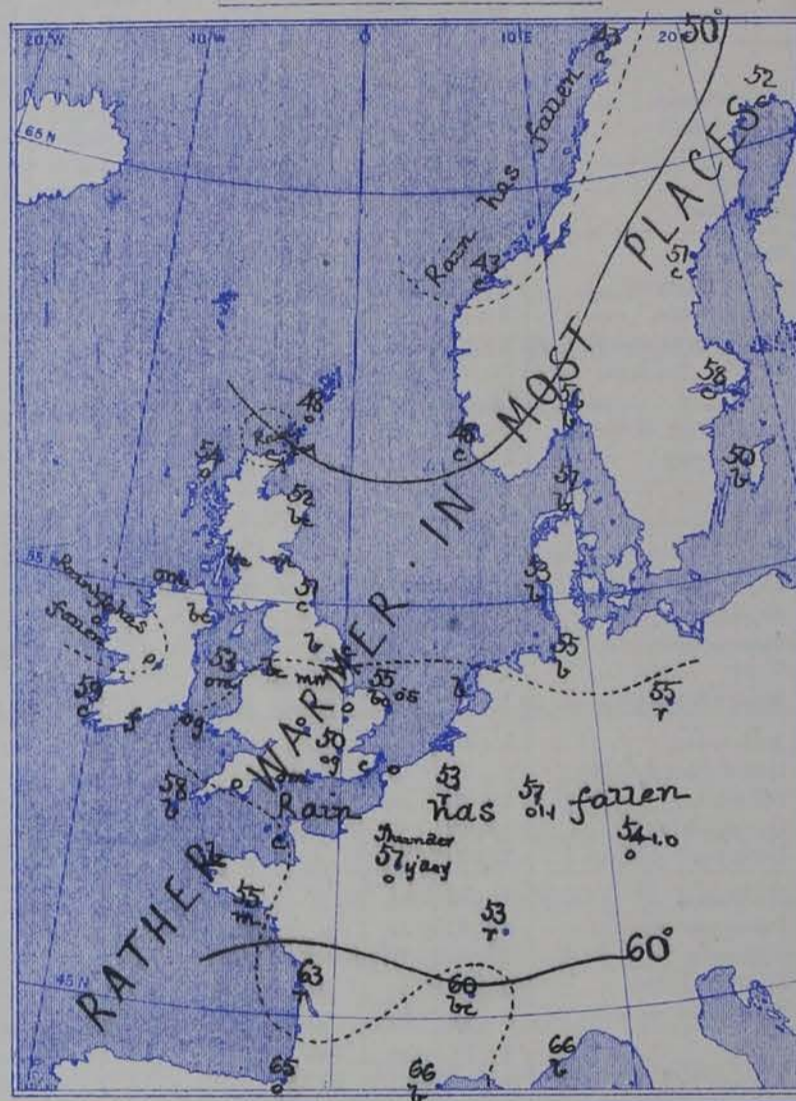


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.993	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE	<p>Highest, 30.1 in: and upwards, in an anticyclone lying over the Spanish Peninsula and France, and stretching in the form of a narrow band across England and the North Sea to the southeast of Norway.</p> <p>Lowest, 29.9 in: and less over Lapland, and also in a shallow depression over the Gulf of Genoa.</p> <p>Gradients slight. Barometer rising generally.</p>
TEMPERATURE	<p>Highest, 74° at Linton, 66° at Nice and Perpignan, 65° at Biarritz, 63° at Rochefort, 60° at Lyons, and 59° at Valencia (Ireland).</p> <p>Lowest, 43° at Bodø and Christiansund, 48° at Kudemars and Lumburg Head, 50° in London, and 51° at Shields and Helsingør.</p> <p>The maxima registered yesterday were below 55° in many parts of Great Britain, and also in the north of Ireland; in London the thermometer did not exceed 52°.</p>
WIND	<p>Light to moderate from the S^{est} or SE^{est} in the west and north of our Islands.</p> <p>E over Denmark, Holland, and North Germany, N over the eastern and central parts of England; W over the Channel, France, and the western and southern parts of Germany.</p> <p>W or SW at most of the Scandinavian stations.</p>
WEATHER	<p>Fine over the northern parts of Great Britain, as well as in Scandinavia, Denmark, North Germany, and the extreme south of France.</p> <p>Cloudy or dull in most other parts of Western Europe, with rain at Berlin, Brussels, Belfort and Rochefort.</p> <p>Rain fell yesterday in many parts of England, France, Germany, and the Netherlands, the largest amounts being 1.1 in. at Wiesbaden, 1.0 in. at Munich, and 0.5 in. at Hunt Castle, Cambridge, and Yarmouth. A solar halo was seen yesterday at Spinnaker. Thunder occurred at Paris.</p>
SEA	<p>Light or smooth generally.</p>


PROBABLE CHANGES IN SYSTEM NOW PREVALENT


The low pressure area noticed yesterday in the south has moved away to the eastward and has almost entirely filled up. A temporary improvement in the weather seems probable over Great Britain.

FORECASTS

For the 24 hours ending at NOON on 11th JUNE. 1897.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE ² winds, light; fine, warmer.	6 SCOTLAND WEST	S ² and SE ² winds, moderate; fair generally.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST	Same as N°5.	9 IRELAND NORTH	S ² and SE ² winds, freshening; fair at first, some rain later.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH	N ² winds, shifting later to the S ² or SE ² ; fair generally, 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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.00	55	47	N	4	b	2	Valencia ...	29.79	58	56	NW	3	0	4
Sumburgh Head ...	30.01	48	43	SE	1	bc	3	Scilly ...	29.81	60	57	WSW	5	c	4
Stornoway ...	29.90	57	53	SSW	2	c	3	Jersey ...	29.86	60	57	W	4	c	4
Aberdeen ...	29.99	51	46	SE	3	bc	3	Hurst Castle ...	29.77	59	56	WSW	5	c	3
Shields ...	29.93	53	47	E	3	c	3	Dungeness ...	29.72	55	54	SW	4	c	3
Ardrossan ...	29.88	52	53	W	0	0	0	North Foreland	29.73	55	53	NW	2	0	2
Malin Head ...	29.85	50	49	SE	5	0	3	London (Westminster)	29.75	53	51	E.N.E.	2	odp	5
Belmullet ...	29.81	56	52	SE	1	om	*	Yarmouth ...	29.77	50	49	E.N.E.	6	tg	5
Holyhead ...	29.79	57	53	E	4	c	3	Rochefort ...	29.99	66	63	W	5	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull over western, central, and southern Europe generally, with rain in many parts of Ireland, England, Belgium, western Germany, and the north-east of France, as well as at Biarritz. Dull also in Prussia, but fine in Scandinavia and Denmark. Heavy rain falling during day in western and southern Germany, and considerable amounts in many parts of England and France. Thunder occurring at Paris.

Temperature risen over northern Europe, fallen in France and Western Germany, changed irregularly elsewhere. Morning readings highest 84° at Algiers, 81° at Spitz, and 76° at Trieste and Palma, above 65° over southern Europe generally. Lowest 42° at Porto, 43° at Christianmunde, and 47° at Aberdeen and Loughborough; below 50° at many of our own northern and central stations. Remaining below 55° all day in many parts of Great Britain and also in the north of Ireland. Exceeding 70° in the south of France and also at Lisbon, and reaching 76° at Lyons and Perpignan.

Wind moderate to fresh from the Wnd over the Channel and France, E or SE over all but the extreme southern parts of our Islands and strong in force on some parts of our east and north-west coasts. N or NW over Scandinavia, Prussia, and eastern Germany; NE over Denmark and the north-east and eastern parts of Germany. Variable in Austria and Italy; SE or S in the south of France; N or NE over the Spanish Peninsula. No important change occurring in our Islands later.

Barometer highest 30.1 in. and upwards over the western parts of the Spanish Peninsula; 30.0 in. and upwards over Tunis and southern Italy and also over the southern part of Norway and the adjacent portions of the North Sea. Lowest 29.5 in. and less, in a depression over Central Prussia; 29.7 in. and less, in an elongated system over the south of our Islands. Latter disturbances beginning to fill up later, and barometer rising over Western Europe generally.

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.
N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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

DAILY WEATHER REPORT

for 8 a.m. on

Friday 11th June, 1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			Rainfall.
		At 32° 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.	Dir.	Force (0 to 12.)	Max.				Min.			
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
Haparanda ...	...	29.87	44	2	0	c	29.86	+ .03	50	45	- 2	S	2	c	#	c	#	57	43	0.12
Hernösand ...	...	30.04	51	2	0	b	30.13	+ .18	50	41	- 1	NN	6	bc	#	b	#	61	43	-
Stockholm ...	...	30.10	54	SW	2	b	30.15	+ .14	55	50	- 3	WSW	2	b	#	b	#	64	45	-
Wisby ...	...	30.19	50	SSW	4	b	30.26	+ .16	52	47	+ 2	WSW	4	b	#	bc	#	59	48	-
Karlstad ...	...	30.05	56	SW	4	b	30.13	+ .12	52	49	- 2	WSW	2	o	#	b	#	#	#	-
Bodö ...	...	29.92	48	SW	6	m	29.99	+ .04	42	39	- 1	SW	7	b	4	m	#	50	37	0.51
Christiansund ...	...	30.22	44	NN	5	r	30.26	+ .19	45	40	+ 2	NN	3	c	3	r	#	50	41	0.04
Skudesnaes ...	...	30.20	50	NNW	4	b	30.25	+ .12	49	44	+ 1	N	2	b	1	bc, b	#	55	41	#
Færder (Christiania Fjord)	...	29.99	59	SW	4	b	30.15	+ .14	53	48	- 3	NNW	3	o	3	b	#	59	52	-	
Skagen (The Scaw)	...	30.15	50	W	6	b	30.20	+ .11	54	48	- 3	WNW	7	b	2	b	#	63	45	-	
Fanö ...	...	30.23	54	NN	2	c	30.29	+ .21	57	53	+ 4	W	4	c	#	c	#	64	50	-
Sumburgh Head	...	30.15	49	SE	3	o	30.07	- .02	50	49	+ 2	SE	3	o	4	c, o	#	52	46	0.02	
Stornoway ...	...	30.05	54	SW	3	o	30.00	- .02	55	55	+ 1	W	3	o	3	o	#	55	50	0.05
Wick ...	...	30.09	56	SE	3	o	30.04	- .01	55	54	+ 3	SE	3	o	3	o	#	58	48	0.03
Nairn ...	...	30.06	62	E	1	c	30.02	- .07	60	58	+ 5	L	0	c	1	c	#	68	49	0.02
Aberdeen ...	...	30.16	51	S	2	c	30.10	.00	54	53	+ 2	SSW	2	c	1	bc, c, p	11.1	55	49	0.05
Leith ...	...	30.12	59	SE	1	o	30.12	+ .02	54	53	+ 2	N	1	om	#	o	#	61	50	0.15
Shields ...	...	30.17	53	SE	3	c	30.18	+ .05	60	56	+ 9	S	2	c	2	c, r	#	60	49	0.07
Spurn Head ...	...	30.21	54	ESE	3	c	30.25	+ .16	61	58	+ 8	SW	3	o	3	c	#	61	52	-
York ...	...	30.19	61	S	1	o	30.24	+ .11	62	58	+ 9	S	2	c	#	o	4.7	63	52	-
Loughborough ...	...	30.20	63	SW	1	o	30.28	+ .16	61	57	+ 9	SW	2	o	#	om, c, o	#	65	52	-
Ardrossan ...	...	30.11	55	SW	3	c	30.13	+ .03	55	55	- 1	WSW	1	om, dp	2	bc, c	#	61	52	0.15
Malin Head ...	...	30.02	61	S	4	om	30.05	+ .04	58	58	+ 4	S	3	r	1	om	#	62	53	0.09
Belmullet ...	...	30.05	58	SSW	3	or	30.06	+ .04	57	57	+ 1	SSW	3	or	#	o, or	#	63	53	0.33
Donaghadee ...	...	30.14	53	SSE	4	c	30.14	+ .02	59	59	+ 7	SSW	4	c	2	c	#	59	51	0.08
Liverpool (Bidston)	...	30.18	61	NNW	1	c	30.24	+ .11	62	59	+ 8	S	1	bc	1	em	#	63	54	0.01	
Holyhead ...	...	30.17	58	SSW	3	bc, om	30.21	+ .12	56	56	+ 3	SSW	4	f	3	em, bc, om	#	61	51	-
Parsonstown ...	...	30.08	61	SE	1	o	30.14	+ .10	61	58	+ 3	SW	1	o	#	c, o	2.0	68	53	-
Valencia ...	...	30.06	59	S	4	om	30.13	+ .08	60	58	+ 1	SSE	5	o	4	om, om	2.2	61	56	0.11
Roche's Point ...	...	30.13	58	SSE	4	d	30.20	+ .11	58	57	+ 3	SW	3	om	3	o, d	#	60	54	0.01
Pembroke (St. Ann's Hd.)	...	30.21	56	SW	3	c	30.26	+ .17	56	56	+ 3	SW	4	fd	3	c	0.5	57	53	0.03	
Scilly ...	...	30.21	62	S	2	c	30.26	+ .15	59	59	+ 1	SSE	2	f	2	b, c	11.3	65	55	0.02
Prawle Point ...	...	30.25	57	W	3	b	30.34	+ .23	56	55	- 1	S	2	b	1	b, f	#	60	53	-
Jersey (St. Aubin's)	...	30.27	63	W	3	bc	30.36	+ .22	64	60	+ 6	SE	2	b	2	b, bc, w	#	64	49	-	
Hurst Castle ...	...	30.22	60	SW	4	bc	30.34	+ .24	59	56	+ 5	SW	3	bc	2	bc, bc	#	62	53	-
Dungeness ...	...	30.20	57	W	3	o	30.34	+ .29	57	55	+ 3	WSW	2	bf	1	c, o	#	61	50	-
North Foreland	...	30.22	57	NE	2	bc	30.34	+ .27	58	56	+ 3	SE	3	bc, w	2	bc	#	59	51	-	
London (Brixton) ...	...	30.22	59	L	0	ag, f	30.33	+ .22	64	59	+ 14	SW	1	bc, w	#	c, om, bc, f	1.6	64	46	-
Oxford ...	...	30.24	61	W	1	b	30.31	+ .19	62	57	+ 10	S	2	c	#	o, b	#	70	51	-
Cambridge ...	...	30.23	62	NNE	1	o	30.32	+ .22	62	60	+ 8	SSW	1	om	#	c, o	3.5	65	48	-
Yarmouth ...	...	30.21	60	NE	2	b	30.31	+ .26	58	55	+ 3	SSE	3	b	3	b	#	60	49	-
Cuxhaven ...	...	30.17	65	N	3	bc	30.31	+ .27	59	54	+ 4	NNW	2	bc	#	bc	#	64	54	-
Berlin ...	...	30.18	62	E	2	b	30.34	+ .35	60	53	+ 5	L	0	b	#	b	#	68	52	-
Wiesbaden ...	...	#	#	#	#	#	30.38	+ .38	56	54	- 1	NN	1	b	#	#	#	64	46	0.04
Munich ...	...	30.23	52	W	4	r	30.39	+ .32	54	52	0	SW	2	c	#	r	#	61	48	0.35
The Helder ...	...	30.23	61	NE	3	b	30.34	+ .29	62	57	+ 6	W	1	b	1	b	#	61	55	-
Brussels ...	...	#	#	#	#	#	30.38	+ .37	55	54	+ 2	NNW	1	o	#	o	#	58	50	0.39
Cape Gris Nez ...	...	30.20	57	NNW	1	bc	30.29	+ .28	57	56	+ 4	S	1	m	1	bc	#	61	50	-
Paris ...	...	30.24	62	WNW	2	o	30.38	+ .29	57	55	0	ENE	1	b	#	o	#	66	48	-
Brest ...	...	30.15	64	WNW	1	b	30.30	+ .18	58	55	+ 2	ESE	2	b	1	b	#	66	52	-
Lorient ...	...	30.26	64	NN	4	b	30.28	+ .15	61	59	+ 6	E	2	b	2	b	#	70	54	-
Rochefort ...	...	30.28	64	NN	4	b	30.35	+ .20	60	59	- 3	SE	2	b	#	bc, b	#	70	59	-
Belfort ...	...	30.20	58	W	2	o	30.33	+ .26	56	55	+ 3	L	0	m	#	o	#	61	49	0.08
Lyons ...	...	30.19	67	N	1	bc	30.34	+ .17	60	56	0	NNW	2	b	#	bc	#	74	54	-
Nice ...	...	29.96	74	W	2	b	30.09	+ .21	74	58	+ 8	E	2	b	1	b	#	79	63	-
Perpignan ...	...	30.16	67	NN	3	b	30.26	+ .09	72	63	+ 6	NN	3	b	#	b	#	83	67	-
Biarritz ...	...	30.23	70	WNW	3	b	30.24	+ .09	63	62	- 2	ENE	3	o	2	b	#	75	61	-
Corunna ...	...	#	#	#	#	#	30.38	+ .37	55	54	+ 2	NNW	1	o	#	o	#	58	50	0.39
Lisbon ...	...	30.07	81	NNW	4	b	30.11	.00	79	64	+ 5	SW	3	b	#	b	#	91	73	-
Azores (P. Delgada)	...	30.01	65	SSW	4	o	30.08	+ .16	67	65	+ 3	L	0	bc	2	o	#	70	61	-	

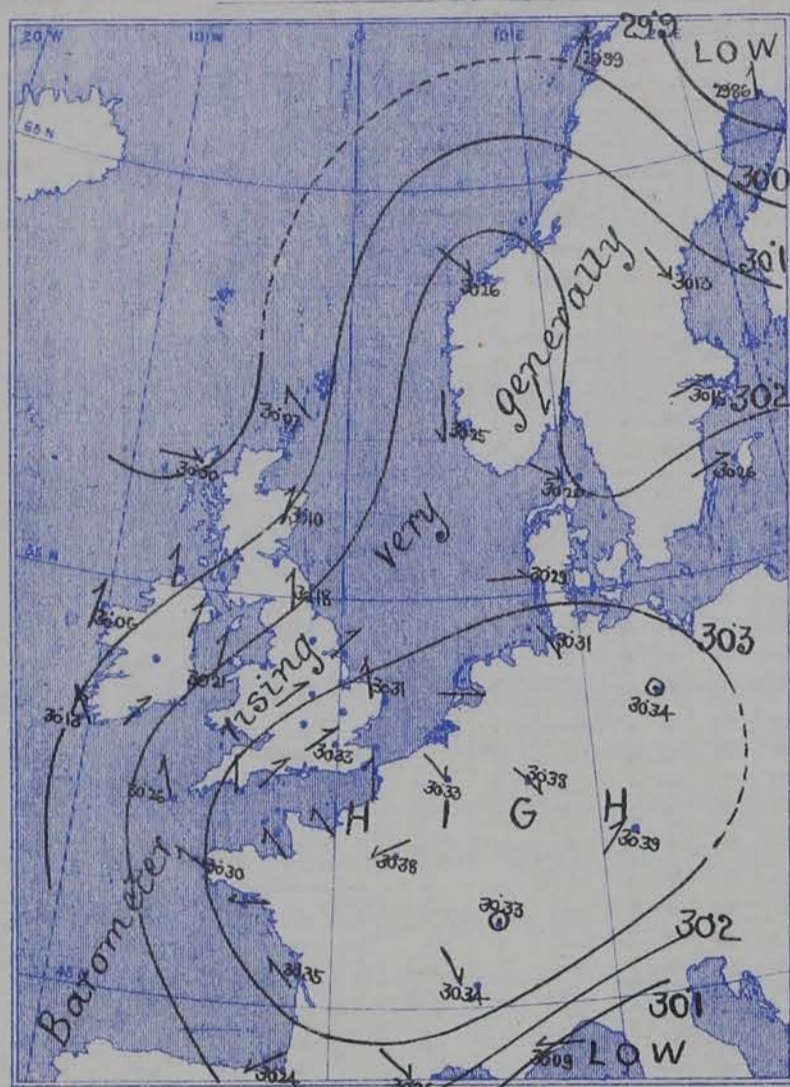
For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

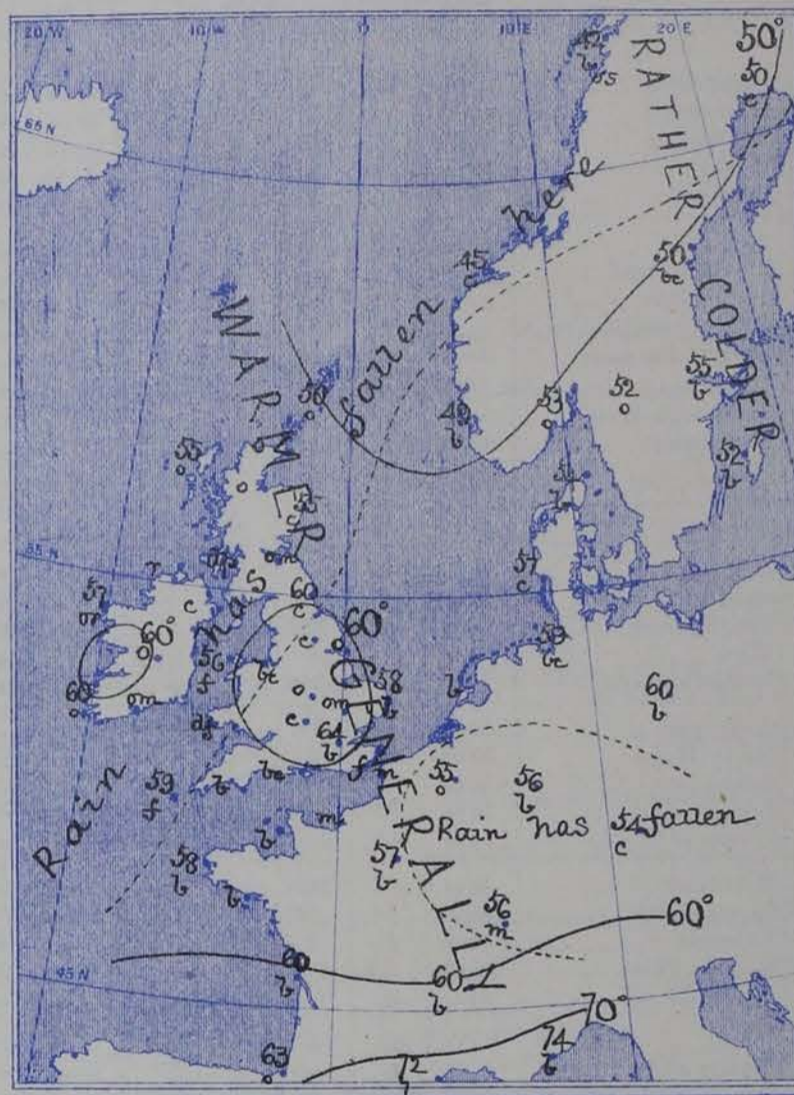
NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 10.0 hrs;

1897.

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.



STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·898	50·5	48·7	54·6	45·0	70	1891	33	1888	1·93	—	—
Stornoway	29·894	53·4	51·4	58·2	46·0	76	1893	31	1888	2·76	185·1	35
Wick	29·916	53·4	50·8	58·9	45·5	79	1878	30	1881	1·75	—	—
Nairn	29·917	54·4	51·0	62·3	47·3	86	1876	30	1888	1·73	—	—
Aberdeen	29·933	54·8	50·8	61·0	47·2	80	1881, 87	30	1888	1·80	196·5	37
Leith	29·943	55·9	52·3	63·9	48·0	86	1887	34	1886	1·79	—	—
Shields	29·959	54·9	51·8	60·6	48·5	76	1878, 84	37	1881, 86, 95	1·71	—	—
Spurn Head	29·971	55·3	52·8	60·3	51·1	80*	1885	34*	1881	1·64	—	—
York	29·979	56·1	52·7	66·2	48·4	88	1878	35	1894	2·21	173·0	34
Loughborough	29·991	57·7	53·8	68·6	48·8	86*	1892	32*	1895	2·20	—	—
Ardrossan	29·944	55·3	52·3	62·1	49·4	85	1878	36	1890	2·32	—	—
Malin Head	29·934	53·6	51·2	59·0	50·8	—	—	—	—	—	—	—
Belmullet	29·953	56·2	53·2	60·8	51·4	—	—	—	—	2·85	—	—
Donaghadee	29·959	55·1	53·0	61·5	49·7	77	1887	36	1880	2·03	—	—
Holyhead	29·976	55·9	53·4	61·7	51·3	83	1878	42	1882	1·97	—	—
Liverpool	29·976	57·0	52·8	64·0	51·1	85	1878, 93	38	1872	1·99	—	—
Parsonstown	29·981	56·2	52·9	64·9	48·5	85	1887	32	1881	2·34	173·7	35
Valencia	29·984	57·4	54·5	62·5	51·2	81	1887	40	1875, 80, 82	3·34	203·4	41
Roche's Point	29·983	57·0	53·8	64·3	51·3	80	1876, 87	41	1881	3·07	—	—
Pembroke	29·983	55·4	53·4	60·5	51·6	79	1893	38	1888	1·88	234·7	48
Scilly	30·002	57·5	55·3	61·5	53·2	75	1893	41	1888	1·76	—	—
Prawle Point	30·010	57·1	54·7	61·7	50·7	79*	1887	39*	1881	1·59	—	—
Jersey	30·019	59·0	55·9	64·9	52·8	87	1882	39	1890	1·86	243·1	51
Hurst Castle	30·007	57·9	55·7	64·6	52·0	84	1893	38	1881	1·83	—	—
Dover	29·989	58·2	55·0	63·0	52·3	77	1878	37	1890, 91, 92, 93	1·52	—	—
LONDON	30·001	58·9	54·6	69·2	50·6	91	1878	35	1880	1·99	167·4†	34†
Oxford	29·996	56·8	53·3	67·1	49·9	86	1876, 93	35	1892, 93	2·11	192·1	39
Cambridge	29·994	58·1	54·7	68·8	48·4	88	1888, 93	33	1892	2·14	195·3	40
Yarmouth	29·983	56·8	54·0	61·9	51·0	81	1877, 88	40	1892	1·86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more to 30.2 ins. in an anticyclone covering Germany, France, England and the eastern shores of the North Sea.

Lowest below 30.0 ins. off the extreme N. of Scotland.

Gradients moderate over our Islands, very slight over France, Germany and Denmark.

Barometer rising slowly, but generally.

TEMPERATURE

Highest 74° at Nice, 72° at Perpignan, 64° to 60° over the inland parts of England, 60° at Harrow.

Lowest 42° at Bodø, 49° at Skudenass, 50° at Herissand and Sunningbush Head.

The maxima recorded yesterday ranged between 60° and 65° over our Islands as a whole, and touched 70° in the W. of France, 74° at Lyons, 79° at Nice, and 83° at Perpignan. It was rising very fast over England this morning.

WIND

S. to S.W. over the British Islands, and light to moderate in force; light and anticyclonic over France and Germany, W. to S. over Scandinavia, and blowing hard at Bodø.

WEATHER

Fine over the Continent and England, dull over Ireland and the W. of Scotland, with rain at Belmullet and Malin Head.

A little rain had fallen over the W. and N. parts of our Islands, and half an inch at Bodø. Bright Sunshine recorded yesterday was 11 hrs. or a little more, at Sciez and Aberdeen, 10 hrs. at Southport. In London there were only 1.6 hrs.

SEA

Moderate at Valencia and Sunningbush H., slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine The weather is probable over nearly the whole of our Islands, with high day temperatures.

FORECASTS

For the 24 hours ending at NOON on 12TH JUNE.

1897.

DISTRICTS.

FORECASTS.

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

Varying S.W. winds, some rain.

S.W. breezes, light, fair, warm.

S.W. and S. winds, light or moderate, fine, very warm, hazy at times.

DISTRICTS.

FORECASTS.

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

Same as No. 0.


Same as Nos. 1 and 2.


S. breezes, moderate, fair, hazy.

S. winds, moderate, fine in the east, showery in the 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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes	30.20	51	44	NNW	4	bc	2	Valencia	30.06	58	57	SSE	5	rm	4
Sumburgh Head	30.15	51	48	SE	2	c	3	Scilly	30.19	65	60	S	3	b	2
Stornoway	30.06	55	54	SW	3	o	3	Jersey	30.24	61	58	W	4	b	3
Aberdeen	30.15	54	47	SSE	4	bq	3	Hurst Castle	30.20	62	58	SW	3	bcm	1
Shields	30.18	53	50	E	3	c	3	Dungeness	30.16	59	55	WSW	3	c	2
Ardrossan	30.12	58	57	SW	3	bc	2	North Foreland	30.18	58	55	NW	3	bc	2
Malin Head	30.03	61	59	S	4	o	2	London (Westminster)	30.17	62	55	L	0	c	#
Belmullet	30.03	62	58	SSW	1	o	*	Yarmouth	30.15	60	56	NE	3	b	3
Holyhead	30.17	60	56	SW	2	cm	1	Rochefort	30.25	68	66	NNW	3	bc	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over the Baltic and, locally, in several parts of NW^m Europe and over Spain - very fine over the S^m parts of the Mediterranean. Overcast and very rainy over central Europe; dull over Italy and many parts of England and Ireland, foggy at Roch's Point. Rain falling later over Ireland, Scotland and several parts both of Germany and NW^m Europe, but weather fair over England. A good deal of haze over the British Islands.

Temperature in morning highest 79° at Brindisi, and exceeding 70° at many of the Adriatic, Mediterranean and Spanish stations. Exceeding 60° in the S. of Russia; 59° at Valencia (Ireland) 58° at Scilly, and also at Stockholm. Lowest 35° at Archangel, 43° at Rode and Christiansund, 48° at Sumburgh N^o and also at Moscow. Rising later to between 60° and 65° over the United Kingdom, to 70° at Oxford and Lorient, and to 83° at Perpignan.

Wind light to moderate generally - S^{ly} over Ireland, W^{ly} in many parts of Scandinavia; very variable over the Baltic and W^m Europe. Complex cyclonic circulations found over the NW^m parts of the Mediterranean Austria Hungary, and also over the Netherlands and E. of England. The last named system dying out later and anticyclonic conditions becoming prevalent over France, England and the Netherlands.

Barometer highest 30.2 ins. to 30.1 ins. over Spain and the W^m half of France, England and the W. of Norway. Lowest 29.8 ins. and less over the N. of Russia, as well as in a depression over Austria Hungary; below 29.9 ins. in another depression over the Riviera and Corsica; and about 30.0 ins. over Holland, as well as off our extreme NW^m coasts. The Dutch depression filling up later, and barometer rising over W^m Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 12th June, 1897.
Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather.	At 82° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.				Min.	Rainfall.			
Ins.		°					Ins.	Ins.	°	°	°							°	°	Ins.			
SCANDINAVIA.	Haparanda ...	29.93	43	W	4	0	30.08	+ 12	52	45	+ 2	W	4	0	0	0	0	54	36	-			
	Hernösand ...	30.19	50	W	0	0	30.26	+ 13	46	41	+ 4	SSW	2	0	0	0	0	59	41	-			
	Stockholm ...	30.25	53	E	2	0	30.29	+ 14	63	56	+ 8	SSW	2	0	0	0	0	64	46	-			
	Wisby ...	30.26	54	W	4	0	30.35	+ 09	53	49	+ 1	W	4	0	0	0	0	59	45	-			
	Karlstad ...	30.20	39	S	2	0	30.25	+ 12	57	53	+ 5	S	4	0	0	0	0	4	4	-			
	Bodö ...	30.13	43	WSW	6	0	30.18	+ 19	43	41	+ 1	SW	6	0	3	0	0	46	39	0.16			
	Christiansund ...	30.25	48	W	1	0	30.09	- 14	50	47	+ 5	ESE	3	0	3	0	0	50	45	0.04			
	Skudesnaes ...	30.20	53	S	2	0	30.15	- 10	?	?	?	SSW	3	0	3	0	0	54	41	#			
	Færder (Christiania Fjord) ...	30.21	58	W	2	0	30.20	+ 05	57	56	+ 4	SW	6	0	3	0	0	63	53	-			
	Skagen (The Scaw) ...	30.29	53	W	1	0	30.27	+ 07	53	52	- 1	WSW	2	0	0	0	0	61	45	0.08			
BRITISH ISLANDS.	Faro ...	30.33	57	WSW	3	0	30.33	+ 04	60	57	+ 3	WSW	4	0	0	0	0	64	55	-			
	Sumburgh Head ...	30.04	55	SW	1	0	29.99	- 08	52	52	+ 2	W	3	0	4	0	0	58	49	0.50			
	Stornoway ...	29.96	56	SSW	4	0	30.02	+ 02	55	55	0	SSW	4	0	4	0	0	60	50	0.10			
	Wick ...	30.04	55	SW	3	0	30.07	+ 03	64	60	+ 9	W	3	0	2	0	0	64	53	0.02			
	Nairn ...	30.02	65	W	0	0	30.05	+ 03	66	63	+ 6	W	2	0	1	0	0	73	56	0.04			
	Aberdeen ...	30.08	60	SSW	2	0	30.10	00	68	61	+ 14	S	2	0	1	0	0	70	52	0.17			
	Leith ...	30.12	63	W	2	0	30.16	+ 04	65	60	+ 11	WSW	2	0	0	0	0	68	53	-			
	Shields ...	30.15	69	SW	3	0	30.21	+ 03	64	59	+ 4	SW	2	0	2	0	0	71	54	-			
	Spurn Head ...	30.22	67	SSW	2	0	30.27	+ 02	65	62	+ 4	S	2	0	2	0	0	71	56	-			
	York ...	30.22	72	SW	2	0	30.26	+ 02	68	63	+ 6	S	1	0	0	0	0	74	57	-			
GERMANY & HOLLAND.	Loughborough ...	30.26	69	WSW	2	0	30.29	+ 01	69	61	+ 8	WSW	2	0	0	0	0	76	55	-			
	Ardrossan ...	30.11	57	S	3	0	30.15	+ 02	56	56	+ 1	S	2	0	0	0	0	58	52	0.02			
	Malin Head ...	30.03	64	S	3	0	30.09	+ 04	60	59	+ 2	S	4	0	2	0	0	66	56	0.04			
	Belmullet ...	30.07	58	SSW	5	0	30.12	+ 06	58	56	+ 1	WSW	2	0	0	0	0	59	54	0.01			
	Donaghadee ...	30.14	59	SE	3	0	30.18	+ 04	58	57	- 1	SSW	4	0	2	0	0	67	54	0.01			
	Liverpool (Bidston) ...	30.23	71	SW	3	0	30.25	+ 01	66	61	+ 4	WSW	1	0	1	0	0	72	58	-			
	Holyhead ...	30.22	56	SSW	4	0	30.22	+ 01	61	58	+ 5	S	1	0	1	0	0	61	52	-			
	Parsonstown ...	30.13	64	W	0	0	30.15	+ 01	60	57	- 1	W	0	0	0	0	0	72	57	0.02			
	Valencia ...	30.14	59	S	3	0	30.16	+ 03	58	57	+ 2	S	3	0	3	0	0	61	55	0.08			
	Roche's Point ...	30.20	59	SSW	4	0	30.18	- 02	59	58	+ 1	S	3	0	3	0	0	61	55	0.01			
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.) ...	30.27	58	SW	3	0	30.23	- 03	60	58	+ 4	SE	4	0	4	0	0	60	53	-			
	Scilly ...	30.24	60	SE	3	0	30.19	- 07	65	62	+ 6	SE	4	0	2	0	0	65	57	-			
	Prawle Point ...	30.31	58	ESE	2	0	30.29	- 05	63	61	+ 7	E	2	0	1	0	0	63	56	-			
	Jersey (St. Aubin's) ...	30.29	71	W	0	0	30.31	- 05	68	62	+ 4	ESE	2	0	2	0	0	71	61	-			
	Hurst Castle ...	30.33	63	S	1	0	30.32	- 02	65	60	+ 6	SE	2	0	1	0	0	65	55	-			
	Dungeness ...	30.34	58	SW	2	0	30.35	+ 01	60	57	+ 3	SSE	1	0	0	0	0	62	57	-			
	North Foreland ...	30.33	66	S	3	0	30.37	+ 03	64	59	+ 6	S	3	0	2	0	0	69	54	-			
	London (Brixton) ...	30.31	70	WSW	2	0	30.34	+ 01	72	63	+ 8	SSW	2	0	0	0	0	76	51	-			
	Oxford ...	30.30	65	SSW	1	0	30.32	+ 01	67	61	+ 5	SSW	2	0	0	0	0	72	52	-			
	Cambridge ...	30.29	71	SSW	1	0	30.33	+ 01	65	61	+ 3	SSW	1	0	0	0	0	76	51	-			
PENIN- SULA.	Yarmouth ...	30.28	62	SSE	4	0	30.32	+ 01	65	59	+ 7	S	3	0	2	0	0	65	55	-			
	Cuxhaven ...	30.34	63	W	1	0	30.37	+ 06	64	59	+ 5	SW	1	0	0	0	0	68	54	-			
	Berlin ...	30.35	67	WSW	2	0	30.42	+ 08	62	56	+ 2	W	0	0	0	0	0	75	57	-			
	Wiesbaden ...	#	#	#	#	#	30.43	+ 05	58	55	+ 2	E	2	0	0	0	0	68	48	-			
	Munich ...	30.42	56	W	0	0	30.48	+ 09	59	53	+ 5	E	5	0	0	0	0	64	43	-			
	The Helder ...	30.35	66	W	1	0	30.38	+ 04	62	58	0	SW	2	0	1	0	0	66	50	-			
	Brussels ...	#	#	#	#	#	30.40	+ 02	68	61	+ 13	E	1	0	0	0	0	72	55	-			
	Cape Gris Nez ...	30.30	61	SW	1	0	30.32	+ 03	65	60	+ 8	SSW	1	0	0	0	0	63	54	-			
	Paris ...	30.36	68	NE	1	0	30.36	- 02	64	60	+ 7	NE	1	0	0	0	0	72	52	-			
	Brest ...	30.27	68	S	1	0	30.23	- 07	64	60	+ 6	SE	2	0	1	0	0	72	55	-			
FRANCE & BELGIUM.	Lorient ...	30.28	71	WSW	1	0	30.26	- 02	63	60	+ 2	ESE	4	0	2	0	0	75	54	-			
	Rochefort ...	30.26	68	ESE	2	0	30.20	- 15	62	60	+ 2	E	4	0	0	0	0	88	59	-			
	Belfort ...	30.29	66	E	3	0	30.32	- 01	58	54	+ 2	E	4	0	0	0	0	71	50	-			
	Lyons ...	30.27	69	W	2	0	30.28	- 06	60	55	0	WSW	1	0	0	0	0	74	56	-			
	Nice ...	30.11	72	S	1	0	30.17	+ 08	72	58	- 2	W	0	0	0	0	0	82	63	-			
	Perpignan ...	30.12	85	W	3	0	30.20	- 06	73	64	+ 1	W	0	0	0	0	0	87	57	-			
	Biarritz ...	30.12	80	ESE	4	0	30.05	- 19	68	64	+ 5	ESE	2	0	1	0	0	82	59	-			
	Corunna ...	#	#	#	#	#	30.40	+ 02	68	61	+ 13	E	1	0	0	0	0	72	55	-			
	Lisbon ...	30.08	81	WSW	1	0	30.04	- 07	79	66	0	NE	3	0	0	0	0	93	73	-			
	Azores (P. Delgada) ...	30.18	65	W	0	0	30.22	+ 14	67	64	0	SW	1	0	2	0	0	70	59	-			

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 9.3 hrs;

WEATHER CHARTS

FOR *Friday 12th June 1897.*

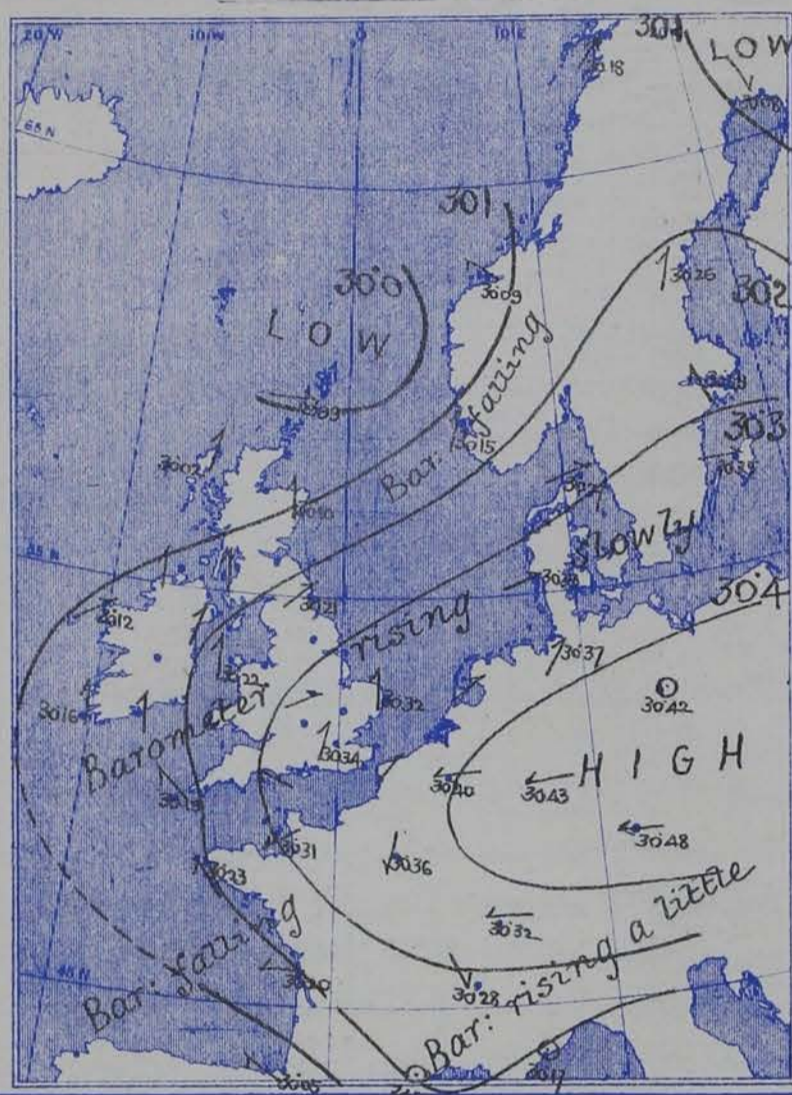
BAROMETER, WIND AND SEA.

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

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

Force above 10 →→→ : Force 5 to 7 →→→ : } Calm ○
Force 8 to 10 →→→ : Force 1 to 4 →→→ : }

SEA—Rough ≡ : High ≡

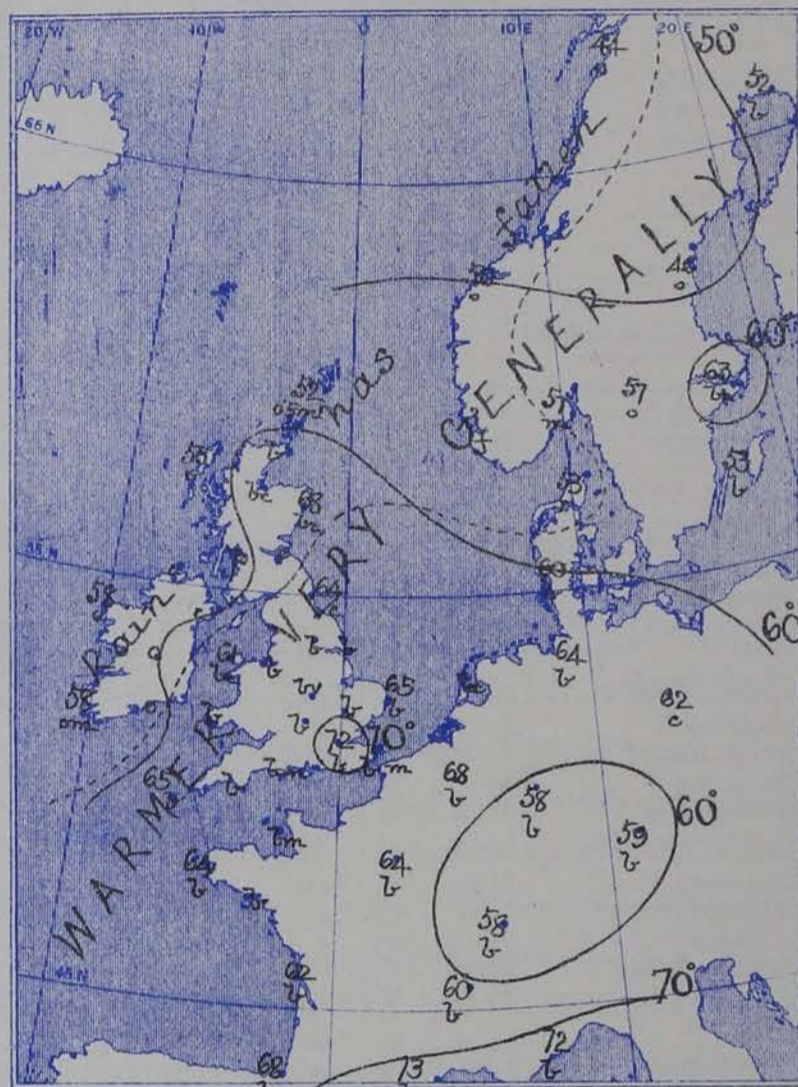


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.893	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.950	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point.	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 in. and upwards over Germany; 30.1 in. and upwards in an anticyclone embracing all but the extreme northern and northwestern parts of our area.
 Lowest, 30.0 in. and less, in a shallow depression to the northward of our Islands.
 Gradient slight. Barometer falling in the extreme south of our Islands and the west of France, as well as in the west of Norway; rising elsewhere.

TEMPERATURE

Highest, 73° at Perpignan and 72° at Nice; (2) 72° in London, 68° at Loughborough, and 68° at Aberdeen and York.
 Lowest, 44° at Porto, 46° at Helsingfors, 50° at Christiansund, 52° at Lumburgh Head, and 53° at Vestby and the Saur.
 During yesterday the thermometer rose to 70° and upwards in many parts of the United Kingdom, and to 76° at Loughborough, London and Cambridge.

WIND

Moderate from the End in the west of France, light from the SEnd in the south of our Islands, but from the Snd or SWnd on all our more northern coasts.
 SWnd in Denmark and the south of Scandinavia; rather variable over the northern parts of Scandinavia. Calm in the south of France.

WEATHER

Fine over Great Britain, France, Germany, and the Netherlands, as well as in the south of Sweden.
 Dull in Ireland and the west of Scotland, as well as at many of the Scandinavian stations; rain is falling at the Saur.
 Rain fell yesterday in Ireland, the west and north of Scotland, and the west of Norway, the quantity being mostly slight, but rather large (0.5 in.) at Lumburgh Head.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change in the weather.

FORECASTS

For the 24 hours ending at NOON on 13th JUNE. 1897.

DISTRICTS.

FORECASTS.

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

Snd and SWnd winds, light; fine, warm.
 Snd and SEnd winds, light; fine, warm.
 End and SEnd winds, light; fine, warm.

DISTRICTS.



FORECASTS.

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

Snd winds, light or moderate; cloudy, some showers.
 Same as N^{os} 2 to 4.
 End and SEnd winds, moderate or fresh; fine, warm.
 Snd winds, moderate; cloudy, some rain 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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.26	54	46	WNW	2	bc	2	Valencia ...	30.15	59	58	SSE	4	0	4
Sumburgh Head ...	30.04	55	53	SE	3	c	4	Scilly ...	30.26	62	59	SSE	3	0	1
Stornoway ...	30.01	59	58	SSW	4	0	4	Jersey ...	30.35	67	60	E	1	b	1
Aberdeen ...	30.07	67	60	S	2	bc	2	Hurst Castle ...	30.35	64	59	SSW	2	b	1
Shields ...	30.19	69	61	SW	3	0	2	Dungeness ...	30.36	60	57	SW	2	bc	1
Ardrossan ...	30.12	56	56	S	3	0	2	North Foreland ...	30.34	66	60	S	3	bc	2
Malin Head ...	30.05	60	60	S	4	c	1	London (Westminster) ...	30.32	75	62	SW	2	bc	#
Belmullet ...	30.06	58	57	SSW	5	0	*	Yarmouth ...	30.30	63	58	SSE	4	b	3
Holyhead ...	30.22	59	58	S	4	c	3	Rocheport ...	30.35	64	73	E	2	b	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over the greater part of England and the Continent, but dull in Ireland and Scotland, with rain on our extreme northwest coasts; dull also at many of the Russian and Austrian stations, with rain at Buda Pesth. Rain falling later over the whole of Ireland, the west and north of Scotland and the west of Norway, rather heavily in the Shetlands; no important change occurring elsewhere.

Temperature risen over Western Europe generally and also in Russia, fallen in Austria and Italy, changed irregularly elsewhere. Morning readings highest 81° at Tunis and 79° at Lisbon, and 76° at Toulon and Athens; above 70° in many parts of southern Europe and above 60° over England. Lowest 42° at Archangel and 40° at Christiana, 45° at Skudesnaes, and 50° at Helsingfors and Lumburgh. Rising during day to 70° and upwards in many parts of our Islands and France, and reaching 76° in London and at Loughborough and Cambridge. Exceeding 80° in the south of France and touching 93° at Lisbon.

Wind light from the E. in France and from the NE. in Spain, but S. over our Islands, and moderate to fresh in force in the west. W. or NW. at most of the Scandinavian, Danish, and north Russian stations, strong in force in isolated places. Calm or light from the NW. in Germany and Austria; N. in Italy. No important change occurring over Western Europe during day.

Barometer highest 30.3 ins. and upwards over Germany, France, the Netherlands, and the southern part of England; 30.1 ins. and upwards in an anticyclone embracing a considerable portion of Europe. Lowest 29.9 ins. and less in two areas, one lying over the extreme northern part of Russia and Scandinavia, and the other over southern Europe. Shallow depression advancing later to our own extreme northwest coasts; barometer falling slightly in most parts of our Islands and France.

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.
N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on

Sunday 13th June, 1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
	BAROM.	TEMP.	WIND.			BAROMETER.	TEMPERATURE.	WIND.												
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather	Sea (0 to 9.)	Weather	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.	
	Inch.	°				Inch.	Inch.	°	°	°							°	°	Inch.	
SCANDINAVIA.	Haparanda ...	30.08	46	Z	0	b		30.05	49	47	- 3	S	2	b	±	b	±	51	36	—
	Hernösand ...	30.13	45	NE	4	0		30.14	55	50	+ 9	NW	2	b	±	0	±	55	37	0.08
	Stockholm ...	30.16	57	Z	0	r		30.19	62	58	- 1	W	2	c	±	r	±	66	48	—
	Wisby ...	30.28	59	SSW	3	0		30.27	57	54	+ 4	W	4	b	±	0	±	63	45	—
	Karlstad ...	30.17	57	S	2	b		30.23	62	56	+ 5	WNW	2	b	±	b	±	±	±	—
	Bodo ...	30.12	46	N	4	b		30.10	47	44	+ 4	SW	2	b	1	b	±	48	39	—
	Christiansund ...	30.13	51	WNW	1	r		30.17	55	53	+ 5	WNW	1	0	2	r	±	55	50	0.67
	Skudesnaes ...	30.27	56	SSW	2	m		30.23	59	57	?	E	4	c	1	b, m	±	59	48	±
	Færder (Christiania Fjord)	30.15	59	WSW	2	b		30.22	61	58	+ 4	Z	0	b	2	b	±	59	57	—
	Skagen (The Scaw)	30.28	57	W	3	c		30.32	59	57	+ 6	W	2	m	0	c	±	64	46	0.05
	Fanö ...	30.34	59	Z	0	b		30.34	63	57	+ 3	WSW	1	b	±	c	±	66	59	—
	Sumburgh Head ...	30.10	55	W	1	0		30.12	53	52	+ 1	Z	0	r	3	b, o	±	58	50	0.02
	Stornoway ...	30.08	57	SW	3	0		30.06	55	55	0	SSE	2	c	2	0	0.1	57	52	0.02
	Wick ...	30.13	59	N	2	b		30.12	55	53	- 9	S	1	c	1	b, r	±	71	50	0.20
	Nairn ...	30.11	69	W	2	b		30.09	62	60	- 4	SW	1	b	1	b, r	±	74	53	0.32
BRITISH ISLANDS.	Aberdeen ...	30.13	66	S	2	b		30.13	60	58	- 8	E	1	c	1	b	6.8	69	56	0.05
	Leith ...	30.15	68	WSW	1	0		30.12	61	60	- 4	SSE	1	0	±	0	±	73	51	0.01
	Shields ...	30.17	65	SW	2	c		30.13	68	64	+ 4	SW	1	c	2	c	±	80	58	—
	Spurn Head ...	30.22	69	SSW	3	b		30.17	63	61	- 2	SSE	3	b	3	b	±	77	58	—
	York ...	30.21	78	S	1	b		30.15	70	62	+ 2	S	1	b	±	b	11.5	82	60	—
	Loughborough ...	30.23	80	SW	2	b		30.17	70	63	+ 1	SE	2	b, m	±	b, b, c, m	±	82	56	—
	Ardrossan ...	30.15	59	Z	0	c		30.09	61	61	+ 5	Z	0	amp	0	c	±	61	54	0.30
	Malin Head ...	30.14	59	E	1	0		30.08	56	56	- 4	SW	1	ofr	1	0	±	61	52	0.11
	Belmullet ...	30.16	60	WSW	1	0		30.13	55	54	- 3	WSW	1	0	±	b, o	±	64	51	—
	Donaghadee ...	30.16	56	SSW	2	c		30.12	54	54	- 4	SE	3	0	1	b	±	66	54	0.31
	Liverpool (Bidston)	30.20	68	N	1	b		30.12	68	62	+ 2	SE	2	c	2	b, m	±	79	59	—
	Holyhead ...	30.19	61	SW	3	b		30.08	63	62	+ 2	E	3	cp	2	b	±	68	55	0.03
	Parsonstown ...	30.13	66	Z	0	0		30.09	61	59	+ 1	Z	0	0	±	c, o, r	1.7	69	57	0.50
	Valencia ...	30.16	58	W	1	0		30.12	58	57	0	WNW	1	0	3	0	0.0	60	63	—
	Roche's Point ...	30.16	60	S	3	c		30.09	59	58	0	N	2	c	3	c, b, r	±	61	56	0.40
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	30.19	67	SSE	3	b		30.07	64	62	+ 4	SE	4	b	4	b	14.9	67	54	0.04
	Scilly ...	30.18	64	ESE	3	b		30.01	64	61	- 1	SE	2	c	1	b	14.6	68	58	—
	Prawle Point ...	30.23	63	ENE	3	b		30.10	66	62	+ 3	E	2	b	1	b	±	68	58	—
	Jersey (St. Aubin's)	30.19	72	ENE	3	b		30.13	72	63	+ 4	ENE	2	b	2	b	±	76	62	—
	Hurst Castle ...	30.26	68	ENE	1	b, m		30.15	68	63	+ 3	ENE	1	b, m	0	b, m	±	72	61	—
	Dungeness ...	30.27	62	ENE	3	b		30.19	64	59	+ 4	ESE	3	b	2	b	±	73	56	—
	North Foreland ...	30.30	63	E	2	b		30.23	63	58	- 1	SE	2	b	2	b	±	71	57	—
	London (Brixton) ...	30.27	77	SE	2	b		30.17	75	65	+ 3	SSE	2	b	±	b	14.6	82	58	—
	Oxford ...	30.24	72	SSE	2	b		30.16	70	63	+ 3	SE	1	b	±	b	±	79	56	—
	Cambridge ...	30.26	77	S	1	b		30.20	68	64	+ 3	SE	1	b, r	±	b	15.0	82	55	—
	Yarmouth ...	30.28	63	SSE	2	b		30.23	60	57	- 5	SSE	2	b	2	b	±	66	56	—
	Cuxhaven ...	30.36	70	N	1	b		30.34	68	64	+ 4	S	1	b	±	b	±	72	59	—
	Berlin ...	30.39	71	Z	0	b		30.40	68	61	+ 6	SW	2	b	±	b	±	81	59	—
	Wiesbaden ...	*	*	*	*	*		30.36	64	59	+ 6	E	4	b	±	b	±	73	57	—
	Munich ...	30.44	59	NE	1	b		30.41	62	57	+ 3	E	4	b	±	b	±	66	45	—
FRANCE & BELGIUM.	The Helder ...	30.34	71	E	1	b		30.31	69	63	+ 7	SSW	1	b	1	b	±	72	61	—
	Brussels ...	*	*	*	*	*		30.27	68	59	0	ENE	1	b	±	b	±	77	57	—
	Cape Gris Nez ...	30.24	65	E	1	m		30.19	67	60	+ 2	SE	2	b	1	m	±	70	61	—
	Paris ...	30.26	74	E	2	b		30.21	66	59	+ 2	E	1	b	±	b	±	78	55	—
	Brest ...	30.21	70	WNW	1	b		30.04	65	62	+ 1	ESE	1	b	1	b	±	75	61	—
	Lorient ...	30.14	79	SE	4	b		30.07	65	62	+ 2	E	2	b	2	b	±	83	54	—
	Rochefort ...	30.12	80	E	3	b		30.07	64	63	+ 2	SE	8	b	±	b	±	90	61	—
	Belfort ...	30.23	67	E	4	b		30.25	61	53	+ 3	E	4	b	±	b	±	72	49	—
	Lyons ...	30.17	76	N	1	b		30.19	71	60	+ 11	S	1	b	±	b	±	81	56	—
	Nice ...	30.18	69	Z	0	b		30.24	67	60	- 5	Z	0	b	0	b	±	79	63	—
	Perpignan ...	30.15	76	NE	2	b		30.23	66	62	- 7	Z	0	b	±	b	±	82	66	—
	Biarritz ...	30.00	75	NE	3	b		30.01	75	69	+ 7	Z	0	b	1	b, l	±	90	68	—
PENIN- SULA.	Corunna ...	30.08	75	WNW	3	b		30.08	69	62	- 10	NE	4	0	±	b	±	91	66	—
	Lisbon ...	30.33	64	WSW	1	b		30.36	67	64	0	WSW	1	b	2	b	±	72	59	—
	Azores (P. Delgada)																			

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport. 10.0 hrs;

WEATHER CHARTS

FOR SUNDAY, 13TH JUNE, 1897.

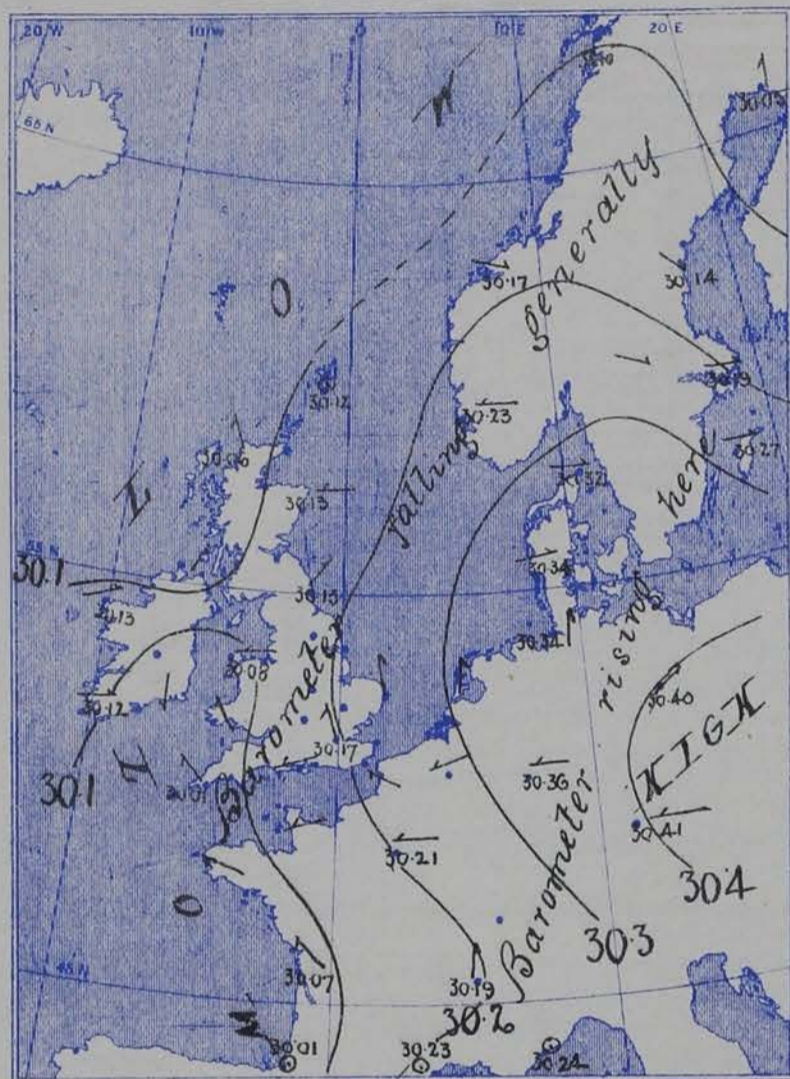
BAROMETER, WIND AND SEA.

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

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

Force above 10 → : Force 5 to 7 → : } Calm ○
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough ≡ : High ≡



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 in. and upwards over Central Germany; 30.2 in. and upwards over the whole of Germany, Denmark, the south of Scandinavia, the Netherlands, and the eastern and southeastern parts of England and France.
Lowest, 30.1 in. and less, over the Bay of Biscay, the west of France, and the southwest of our Islands.
Gradients slight. Barometer falling in our Islands and the neighbouring parts of the Continent, but rising elsewhere.

TEMPERATURE

Highest, 75° in London and vicinity, 72° at Jersey, 71° at Lyons, and 70° at York, Loughborough and Oxford.
Lowest, 47° at Leeds, 49° at Harrogate, 53° at Loughborough, 54° at Donaghadee, and 55° at Hovisand, Christiansund, Gosses, ~~Hot and~~ ~~at Leeds~~.
During yesterday, the thermometer rose to 80° and upwards at several of the English stations, and to 82° at York, Loughborough, London, and Cambridge.

WIND

Light from the SE² or E² over the greater parts of our Islands and France, but W or SW in the west of Ireland, and calm in the south of France.
W in Scandinavia and Denmark; SW in North Germany; E in the south of that country.

WEATHER

Fine over Western Europe as a whole, but cloudy at many of the Irish and Scotch stations, with rain at Loughborough, W. and Malin, and passing showers at Ardara and Holyhead.
Rain fell yesterday at several of our western and northern stations, rather heavily in the south of Ireland. A thunderstorm occurred at Rocher Point.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 14th JUNE 1897.

DISTRICTS.

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

FORECASTS.

NONE ISSUED

DISTRICTS.



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

FORECASTS.

NONE ISSUED.

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (), 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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.22	59	55	SSW	2	bc	2	Valencia ...	30.18	59	57	W	1	o	3
Sumburgh Head ...	30.07	58	55	W	3	b	4	Scilly ...	30.19	67	63	ESE	4	b	2
Stornoway ...	30.07	57	56	SW	3	o	3	Jersey ...	30.26	75	66	SE	3	b	3
Aberdeen ...	30.14	65	60	SSE	3	bc	2	Hurst Castle ...	30.30	72	63	S	1	bm	1
Shields ...	30.18	76	64	SW	2	c	2	Dungeness ...	30.32	72	61	SSW	1	b	0
Ardrossan ...	30.16	57	57	S	3	o	2	North Foreland ...	30.34	70	62	S	2	b	1
Malin Head ...	30.14	58	58	WNW	2	o	1	London (Westminster) ...	30.29	78	66	S	2	b	*
Belmullet ...	30.16	63	59	SW	1	bc	*	Yarmouth ...	30.29	65	60	SSE	4	b	*
Holyhead ...	30.21	66	62	SW	4	bc	3	Rochafort ...	30.16	85	76	E	4	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the greater part of the Continent and England; dull over Ireland, England, and the coast of Norway, dull and rainy over Austria. Rain falling later over the western and northern parts of the United Kingdom and at Christiansund. Locally, in some places - thunderstorms occurring at Rochefort, lightning at Biarritz, but continuously fine and bright weather recorded over England, France, and Germany as a whole.

Temperature rising. Morning readings: highest 79° to 70° over Spain and in many parts of Algeria, 72° in London, 68° at York and Aberdeen. Lowest 41° at Archangel, 44° at Rodez, 46° at Himmisand; below 60° over the greater part of Central Europe. Rising later to between 80° and 82° over many parts of England, to 81° at Berlin, 83° at Liegent, 90° at Rochefort and Biarritz, and to 91° at Lisbon. Falling again locally as night came on.

Winds light and anticyclonic over Central Europe and the greater part of England; S³, light to moderate over Ireland and England, S³ to W³ over Scandinavia, NW³ over Finland and the north of Russia, N³ to NE³ over southeastern and southern Europe, E³ in the west of France and over the English Channel. Very little change later.

Barometer highest 30.4 in. and more over the northern and western parts of Germany, and exceeding 30.2 in. over all the central countries and England. Lowest below 30.0 in. over southeastern Europe on the one hand, and over the Shetland Islands on the other. Gradients slight to moderate. Rising later over Scotland, Ireland and Norway, falling a little over England, France, and Germany.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on

Monday, 14th June,

1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Weather.	Max.	Min.	Rainfall.
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
Haparanda ...		29.93	49	W	2	C	29.95	-.30	61	53	+ 12	WSW	4	b	#	C	#	39			
Hernösand ...		30.03	59	S	6	0	29.97	-.17	62	52	+ 7	W	4	bc	#	0	#	75	43		
Stockholm ...		30.17	61	SSE	2	a	30.05	-.14	66	61	+ 4	WSW	6	C	#	0	#	73	57		
Wisby ...		30.20	64	S	4	b	30.15	-.12	63	59	+ 6	WSW	4	bc	#	0	#	68	45		
Karlstad ...		30.15	61	SW	2	0	30.07	-.16	62	59	0	SW	2	0	#	0	#	#	#	0.04	
Bodö ...		29.94	47	SW	6	r	29.89	-.21	47	46	0	SW	6	r	4	r	#	50	45	0.43	
Christiansund ...		30.10	50	N	1	r	30.06	-.11	55	52	0	N	1	C	2	r	#	58	50	0.59	
Skudesnaes ...		30.16	55	S	2	0	29.98	-.25	58	57	- 1	ESE	2	f	2	E.0	#	59	52	#	
Færder (Christiania Fjord)		30.16	59	S	3	m	30.07	-.15	60	59	- 1	S	1	m	1	m	#	63	57	0.04	
Skagen (The Scaw)		30.21	62	Z	0	bc	30.09	-.23	64	61	+ 5	S	1	m	0	bc	#	70	54		
Fanø ...		30.20	65	S	1	b	30.06	-.28	68	63	+ 5	S	4	b	#	b	#	80	63		
Sumburgh Head		30.09	57	SSW	1	0	29.91	-.21	54	52	+ 1	NE	1	C	3	0	#	61	51	0.02	
Stornoway ...		30.04	65	W	1	bc	29.92	-.14	56	55	+ 1	N	2	bc	2	p.e, bc	#	65	53		
Wick ...		30.09	56	S	1	bc	29.91	-.21	53	52	- 2	W	2	0	1	bc, f	#	60	48	0.03	
Nairn ...		30.02	67	E	1	bc	29.89	-.20	55	54	- 7	Z	0	r	1	bc	#	67	53	0.17	
Aberdeen ...		30.06	57	NE	1	C	29.82	-.31	53	52	- 7	W	5	ogqr	2	a.e, rl	#	61	53	0.52	
Leith ...		30.03	65	Z	0	0	29.83	-.29	57	57	- 4	Z	0	r	#	o, tlr	#	67	54	0.90	
Shields ...		30.00	58	N	1	0	29.83	-.30	63	60	- 5	W	1	bc	2	E.0, f	#	71	54		
Spurn Head ...		30.02	60	SSE	5	b	29.89	-.28	64	62	+ 1	WSW	4	C	3	b	#	66	57		
York ...		30.01	60	S	2	b	29.90	-.25	65	61	- 5	WSW	3	bc	#	b	#	81	60		
Loughborough ...		30.01	62	SE	3	b	29.96	-.21	64	60	- 6	N	4	om	#	bc, c, om	#	84	62		
Ardrossan ...		30.00	59	Z	0	op	29.91	-.18	53	53	- 8	W	3	p	2	p, tlr	#	63	52	0.63	
Malin Head ...		30.08	50	W	2	f	30.00	-.08	55	55	- 1	W	4	op	2	f	#	58	50		
Belmullet ...		30.10	60	W	1	0	30.10	-.03	56	53	+ 1	W	1	C	#	0	#	62	?	?	
Donaghadee ...		30.02	56	W	4	0	30.00	-.12	58	55	+ 4	W	4	bc	2	o, r	#	63	50	0.64	
Liverpool (Bidston)		29.97	74	SW	1	0	30.00	-.12	53	52	- 15	W	3	0	3	0	#	50	52	0.01	
Holyhead ...		30.01	64	W	1	0	30.02	-.06	57	56	- 6	W	3	cf	2	0	#	69	53		
Parsonstown ...		30.04	65	W	1	C	30.09	-.00	59	55	- 2	Z	0	bc	#	o, c	#	67	51	0.03	
Valencia ...		30.12	59	WSW	2	C	30.20	+ .08	57	54	- 1	WSW	3	0	3	c, tlr	#	59	60	0.19	
Roche's Point ...		30.07	63	W	3	bc	30.13	+ .04	59	52	0	W	4	bc	3	bc	#	66	52		
Pembroke (St. Ann's Hd.)		30.01	66	W	3	bc	30.10	+ .03	56	55	- 8	W	4	b	4	bc	#	61	54		
Scilly ...		30.06	61	W	5	C	30.17	+ .16	59	55	- 5	W	4	C	3	C	#	69	55		
Prawle Point ...		30.03	63	E	1	b	30.13	+ .03	58	55	- 8	W	4	C	3	C, b	#	68	54		
Jersey (St. Aubin's)		30.03	78	E	1	b	30.15	+ .02	60	57	- 12	W	5	0	4	b	#	81	57		
Hurst Castle ...		30.17	72	NE	1	b	30.06	-.09	65	60	- 3	W	4	C	2	b	#	75	58		
Dungeness ...		30.08	66	E	2	b	29.97	-.22	62	59	- 2	WSW	2	b	1	b	#	73	57		
North Foreland		30.08	65	E	3	b	29.99	-.24	70	63	+ 7	W	3	b	2	b	#	70	58		
London (Brixton) ...		30.06	79	SSE	3	bv	30.00	-.07	64	61	- 11	W	2	0	#	b, bv	#	84	57		
Oxford ...		30.02	71	S	2	b	30.01	-.15	64	61	- 6	WSW	2	0	#	b	#	82	59		
Cambridge ...		30.05	78	SE	3	b	29.97	-.23	67	64	- 1	WSW	3	0	#	b	#	82	55		
Yarmouth ...		30.11	65	SE	2	b	29.92	-.31	71	64	+ 11	W	2	b	2	b	#	71	58		
Cuxhaven ...		30.22	75	SE	1	b	30.08	-.26	70	64	+ 2	S	3	b	#	b	#	81	59		
Berlin ...		30.28	76	SE	1	b	30.25	-.15	71	62	+ 3	SSE	3	b	#	b	#	86	64		
Wiesbaden ...		#	#	#	#	#	30.15	-.21	66	60	+ 2	E	1	b	#	#	#	79	55		
Munich ...		30.31	60	NE	3	b	30.23	-.18	61	56	- 1	E	5	b	#	b	#	70	46		
The Helder ...		30.13	77	ESE	1	b	29.97	-.34	71	63	+ 2	S	2	b	1	b	#	77	61		
Brussels ...		#	#	#	#	#	30.02	-.25	72	64	+ 4	SSE	2	b	#	b	#	82	60		
Cape Gris Nez ...		30.06	76	S	1	b	29.97	-.22	65	63	- 2	W	1	b	1	b	#	84	63		
Paris ...		30.09	78	E	2	b	30.04	-.17	70	65	+ 4	S	1	b	#	b	#	82	59		
Brest ...		30.08	62	W	2	m	30.19	+ .15	57	55	- 8	W	2	bc	1	m	#	72	54		
Lorient ...		30.05	70	W	3	b	30.18	+ .11	59	57	- 6	W	4	0	5	b	#	82	54		
Rochefort ...		30.13	74	W	3	b	30.19	+ .12	64	63	0	W	3	m	#	b	#	92	61		
Belfort ...		30.12	70	E	3	b	30.10	-.15	67	60	+ 6	E	2	b	#	b	#	76	55		
Lyons ...		30.16	72	W	1	b	30.13	-.11	74	61	+ 7	Z	0	b	0	b	#	79	63		
Nice ...		30.16	68	E	2	0	30.16	-.07	70	67	+ 4	Z	0	bc	#	0	#	78	63		
Perpignan ...		30.08	66	W	4	0	30.17	+ .16	65	63	- 10	W	4	0	3	0	#	82	63		
Biarritz ...		30.08	66	W	4	0	30.17	+ .16	65	63	- 10	W	4	0	3	0	#	82	63		
CORUNNA		#	#	#	#	#	30.02	-.25	72	64	+ 4	SSE	2	b	#	b	#	82	60		
Lisbon ...		30.06	66	W	6	bc	30.06	-.02	73	65	+ 4	W	5	b	#	bc	#	88	64		
Azores (P. Delgada)		30.43	64	Z	0	b	30.44	+ .08	68	64	+ 1	SW	1	b	2	b	#	72	61		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport...5.5 hrs;

WEATHER CHARTS

FOR *Monday, 14th June, 1897.*

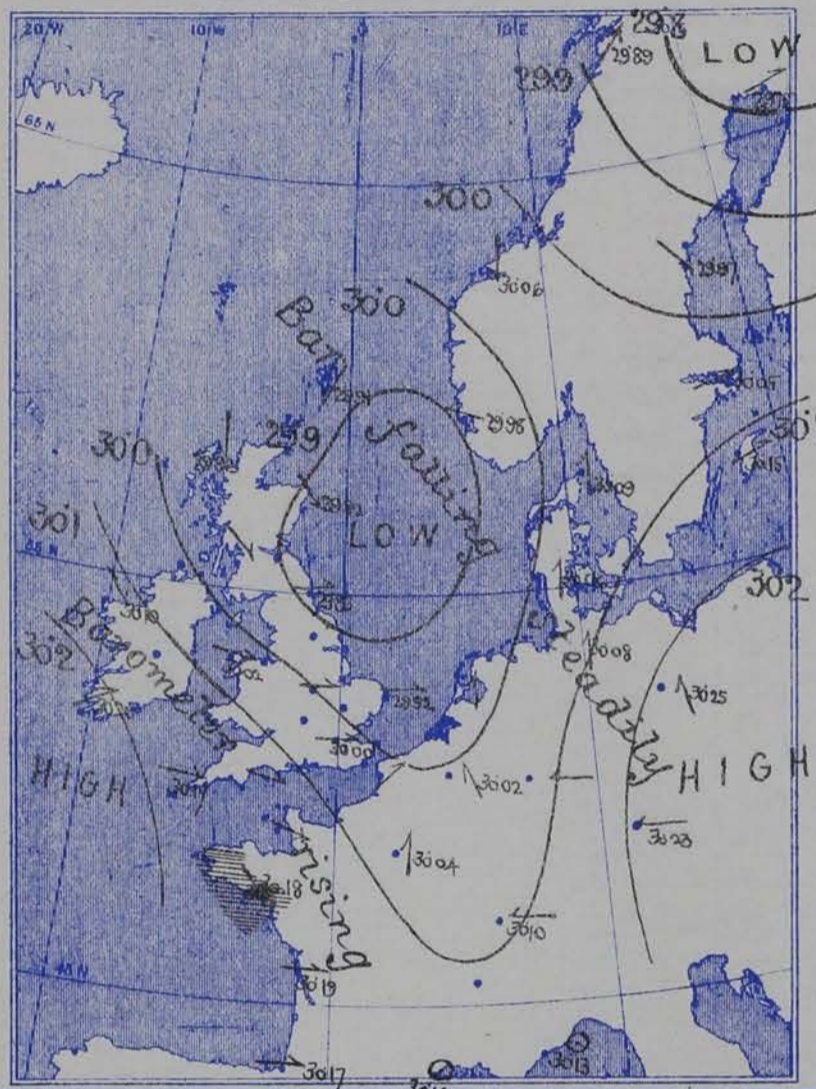
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ≡ : High ≡

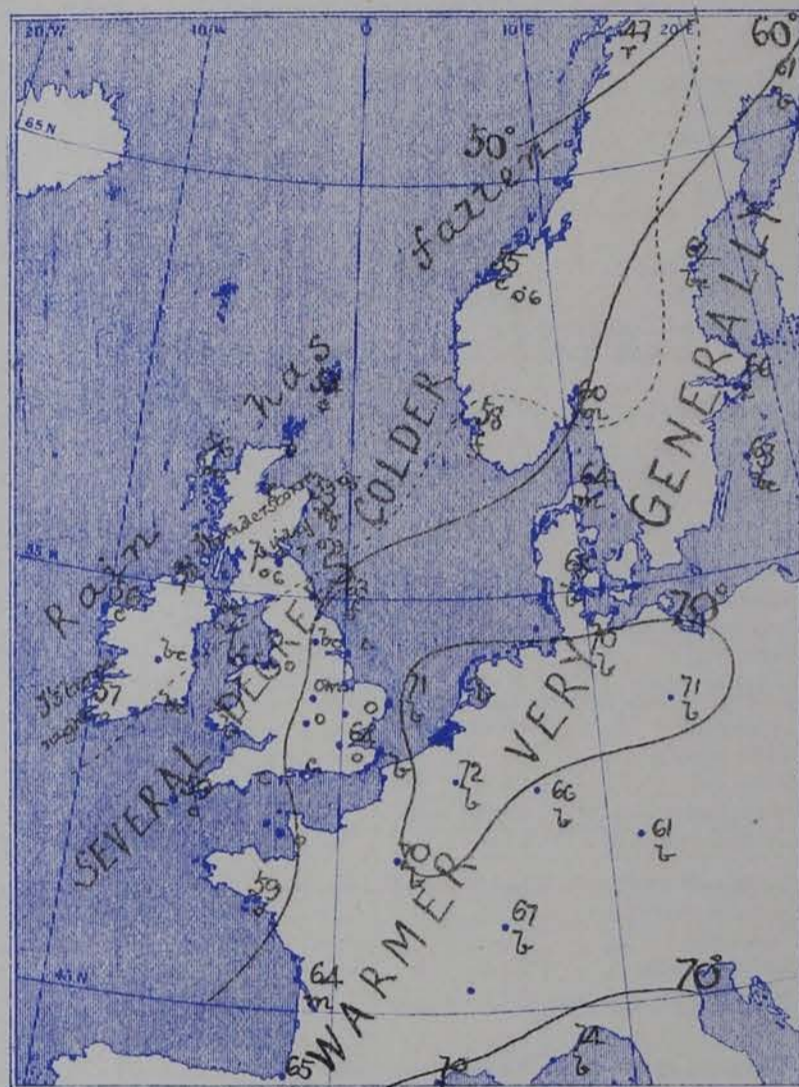


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 ^{and upwards} in an area lying off the southwest of Ireland, and also in another system over Eastern and Central Germany.
 Lowest, 29.8 in a depression over Lapland; 29.9 in another disturbance over the northeastern part of Great Britain and the neighbouring parts of the North Sea.
 Gradients slight. Barometer rising on the west coasts of our Islands and France, but falling elsewhere, - most over the North Sea.

TEMPERATURE

Highest, 74° at Nice, 73° at Lisbon, 72° at Marseilles, and 71° at Yarmouth, the Helder, and Berlin.
 Lowest, 47° at Porto, 53° at Wick, Aberdeen, Orkney and Liverpool, and 54° at Lumbagh Head.
 During yesterday the thermometer rose to 80° and upwards in many parts of England, and to 84° in London and ^{at} Loughborough.

WIND

Light to moderate from the NW² in Ireland and Scotland, and from the W² over England and the north and west of France.
 S over Denmark and the Netherlands; SE or E in Germany.
 Variable in Norway; moderate to fresh from the W² or SW² in Sweden.

WEATHER

Fair over the greater part of Ireland and England, and fine and bright at most of the Continental stations.
 Dull and rainy in Scotland; cloudy, also in the west of Norway, with rain at Oslo.
 Since yesterday morning rain has fallen at many of the Irish and Scotch stations, as well as in the south of Scandinavia, the heaviest amount being 0.9 in at Leth, 0.7 in at Donaghadee, and 0.4 in at Orkney and Christiania. Thunderstorms have occurred in the north and east of Scotland, as well as at Valparaiso (Ireland).

SEA

Slight or smooth generally, but rather rough at Lorient.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

In addition to the depression in the north there are some indications of the formation of secondary disturbances over England and the neighbouring parts of the Continent. Showery weather seems likely to set in over England, with thunder in places.

FORECASTS

For the 24 hours ending at NOON on 15th JUNE, 1897.

DISTRICTS.

FORECASTS.

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

NW² and N² winds, fresh;
 unsettled, rain at times.

Same as No 5

W² winds, moderate or fresh; changeable,
 some showers, thunder locally, cooler.

DISTRICTS.



FORECASTS.

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

NW² winds, moderate or fresh; changeable;
 some showers, thunder locally.

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.		THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.								Dry.	Wet.				
Skudesnaes ...	30.18	58	56	SE	4	0	2	Valencia ...								
Sumburgh Head ...								Scilly ...								
Stornoway ...	30.06	63	60	W	1	0	1	Jersey ...	30.07	78	69	ESE	2	6	2	
Aberdeen ...								Hurst Castle ...								
Shields ...								Dungeness ...	30.13	71	62	ESE	3	6	2	
Ardrossan ...								North Foreland ...	30.15	66	60	SE	3	6	2	
Malin Head ...	30.09	55	55	W	2	5	1	London (Westminster) ...								*
Belmullet ...	30.07	61	55	W	1	0	*	Yarmouth ...								
Holyhead ...								Rocheport ...	30.07	90	84	NE	1	6	*	

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 6TH TO THE 12TH JUNE 1907

Until the close of the period the weather over Western Europe was in a somewhat unsettled state, with occasional falls of rain in most districts.

At the commencement of the week an anticyclone lay over and to the westward of our Islands, while a rather well-marked depression suited over the Baltic and the south of Sweden. The winds though rather variable were mostly from the N^W, with fair weather in our western districts, but with showers in the east and southeast, and with thunderstorms in places. The storm which occurred in the neighbourhood of London on the 6th was severe, but the accompanying rainfall varied greatly in different localities; to the southward of the Metropolis it was, as a rule, very heavy.

After the 7th the systems, both of high and low pressure moved eastwards, while a complex depression began to spread over our southern district from the westward. The latter disturbance occasioned cold E winds over the entire Kingdom and heavy falls of rain in many parts of Ireland and England, the amount at some of the southern stations exceeding an inch. On the 8th and 9th the maximum temperatures were below 55° in many parts of Great Britain, the reading in London on the latter day being 24° lower than that of the 6th.

During the latter part of the 9th, however, the low pressure area in the south moved away to the eastward and dispersed, while a new anticyclone spread over Great Britain from the southward. The new system eventually embraced all but our extreme southern and northern districts and light breezes from the S^W or SE^W set in very generally with fine warm weather. On the 11th the thermometer rose to 75° in many parts of England, while on the following day it exceeded 80°. In the west and north the weather during the closing days was affected by depression out in the Atlantic, a good deal of cloud being reported, with showers in several places.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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

„ Weekly „ „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 15th June, 1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.	TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.		
		At 32° and M.S.L.	Dry Bulb.	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.			
		Inch.	°				Inch.	Inch.	°	°	°						°	°	Inch.		
SCANDINAVIA.	Haparanda ...	29.75	58	NW	2	b	29.70	-0.5	59	52	-2	2	0	c	#	b	#	66	45	-	
	Hernösand ...	29.86	55	S	6	0	29.53	-0.44	55	51	-7	2	0	0	#	0	#	72	52	0.24	
	Stockholm ...	29.90	68	2	0	b	29.64	-0.41	73	63	+7	SSW	6	b	#	b	#	79	57	-	
	Wisby ...	29.99	64	SSW	4	b	29.77	-0.38	70	61	+7	SSW	8	b	#	b	#	77	55	-	
	Karlstad ...	29.84	68	S	2	0	29.60	-0.47	58	53	-4	SSW	6	0	#	0	#	#	#	-	
	Bodö ...	29.82	47	WSW	5	r	29.59	-0.30	55	49	+8	E	4	0	1	r	#	55	46	0.20	
	Christiansund ...	29.73	55	N	1	r	29.56	-0.50	49	48	-6	N	4	r	3	r	#	59	49	0.59	
	Skudesnaes ...	29.68	55	SSW	7	0	29.81	-0.17	51	50	-7	NW	8	0	3	m.0	#	60	46	#	
	Færder (Christiania Fjord)	29.82	65	SSW	2	m	29.54	-0.53	57	56	-3	SW	6	m	4	m	#	66	55	-	
	Skagen (The Scaw)	29.80	63	SSW	1	b.c	29.73	-0.36	57	52	-7	W	8	b.c	3	b.c	#	75	52	-	
BRITISH ISLANDS.	Fanö ...	29.86	62	N	4	b	30.01	-0.05	53	51	-13	WNW	6	c	#	b.c	#	81	55	0.08	
	Sumburgh Head	29.79	51	N	2	r	29.83	-0.08	50	47	-4	W	4	c	4	0.7	#	55	45	0.35	
	Stornoway ...	29.99	52	N	3	0	30.00	+0.08	49	49	-7	WNW	3	r	3	b.c	#	59	49	-	
	Wick ...	29.90	53	NW	5	0	29.97	+0.06	50	48	-3	NW	4	b.c	2	0	#	59	43	0.20	
	Nairn ...	29.92	58	WNW	3	c	30.02	+0.13	52	50	-3	WSW	3	c	2	r.c	#	58	44	0.38	
	Aberdeen ...	29.91	56	WNW	3	c	30.04	+0.23	53	46	0	SW	3	c	1	0.99.c	#	57	44	0.20	
	Leith ...	29.95	58	W	3	b.c	30.09	+0.26	55	49	-2	W	3	b.c	#	b.c	#	61	45	0.29	
	Shields ...	29.97	64	W	3	c	30.13	+0.30	55	48	-8	W	3	b.c	2	f.p.c	#	71	47	0.03	
	Spurn Head ...	30.01	61	W	5	b	30.16	+0.27	58	53	-6	W	4	c	3	b	#	66	52	-	
	York ...	30.03	66	W	4	b	30.17	+0.27	57	51	-8	WSW	1	b	#	b	#	69	51	-	
GERMANY & HOLLAND.	Loughborough ...	30.10	65	WNW	5	b	30.21	+0.25	59	53	-5	W	2	b.c	#	0.1.c.b.c	#	70	48	-	
	Ardrossan ...	30.05	55	NW	4	0	30.12	+0.21	52	51	-1	WNW	2	0	2	c.0	#	60	48	0.02	
	Malin Head ...	30.12	52	NNW	5	cp	30.13	+0.13	51	49	-4	NW	2	op	1	c.cp	#	57	49	0.01	
	Belmullet ...	30.24	57	NNW	2	b.c	30.13	+0.03	55	52	-1	S	1	om	#	0.1.c	#	60	49	-	
	Donaghadee ...	30.13	58	NNW	4	b.c	30.17	+0.17	55	52	-3	WSW	3	c	1	b.c	#	62	46	0.07	
	Liverpool (Bidston)	30.11	59	W	4	b.c	30.20	+0.20	54	50	+1	W	2	b	2	b.c	#	62	50	-	
	Holyhead ...	30.15	57	WSW	2	b.p	30.21	+0.19	56	52	-1	2	0	b.c	0	b.b.p	#	64	57	0.01	
	Parsonstown ...	30.25	60	S	1	c	30.17	+0.08	56	53	-3	SE	2	0	#	b.cp	#	64	48	0.03	
	Valencia ...	30.29	58	W	4	b.c	30.15	-0.05	57	54	0	S	4	0	3	b.c	#	69	49	-	
	Roche's Point ...	30.24	63	NNW	4	b	30.23	+0.10	56	52	-3	SE	2	c	2	b	#	65	46	-	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.19	57	W	3	b.c	30.23	+0.13	58	54	+2	W	1	b	2	b.c	#	64	51	-	
	Scilly ...	30.28	59	WNW	4	b	30.25	+0.08	58	54	-1	WNW	1	b	1	b	#	62	53	-	
	Prawle Point ...	30.22	62	WNW	3	b	30.27	+0.14	60	54	+2	SSW	1	b	1	b	#	64	51	-	
	Jersey (St. Aubin's)	30.25	60	W	5	b	30.29	+0.14	64	59	+4	WNW	3	b.c	3	b.c.b.w	#	64	53	-	
	Hurst Castle ...	30.25	68	WNW	5	b	30.25	+0.19	60	58	-5	2	0	b	0	b.c.b	#	71	52	-	
	Dungeness ...	30.07	61	WSW	4	b.c	30.24	+0.27	61	56	-1	S	1	b.c	1	b.c	#	76	50	-	
	North Foreland	30.07	70	W	3	b.c	30.24	+0.25	62	54	-8	NW	3	b	2	0.1.c	#	75	53	-	
	London (Brixton) ...	30.09	71	W	3	b.c	30.24	+0.24	62	55	-2	WNW	2	b.m	#	c.b.c.b	#	70	49	-	
	Oxford ...	30.15	61	W	2	b	30.24	+0.23	61	56	-3	SW	1	b	#	b	#	71	49	-	
	Cambridge ...	30.09	66	NW	2	0	30.23	+0.26	60	55	-7	NW	1	b.c	#	0	#	87	73	50	
PENIN- SULA.	Yarmouth ...	30.01	70	WNW	4	b	30.18	+0.16	60	54	-11	NW	3	b	2	b	#	74	50	-	
	Cuxhaven ...	29.83	81	S	4	b	30.08	0.00	60	56	-10	NW	4	c	#	b.c.c	#	84	59	0.04	
	Berlin ...	30.01	77	SE	2	b	29.97	-0.28	64	62	-7	NW	5	b.c	#	b	#	90	62	-	
	Wiesbaden ...	#	#	#	#	#	30.16	+0.01	64	60	-2	NW	2	b	#	#	#	81	61	0.12	
	Munich ...	30.11	68	E	1	b	30.18	-0.05	65	62	+4	W	6	0	#	b	#	77	57	0.08	
	The Helder ...	30.00	62	NW	3	c	30.17	+0.10	59	55	-12	WNW	2	b	2	c	#	75	55	-	
	Brussels ...	#	#	#	#	#	30.23	+0.21	62	57	-10	NNW	1	b	#	0	#	83	53	-	
	Cape Gris Nez ...	30.09	57	NW	4	c	30.21	+0.24	60	57	-5	NE	1	b.c	1	c	#	66	54	-	
	Paris ...	30.16	64	NW	3	0	30.25	+0.21	60	56	-10	N	2	m	#	0	#	81	58	-	
	Brest ...	30.29	61	NW	2	b	30.30	+0.11	57	55	0	2	0	b	1	b	#	61	48	-	
GERMANY & HOLLAND.	Lorient ...	30.26	65	W	5	b	30.31	+0.13	55	53	-4	ENE	2	b	2	b	#	82	50	-	
	Rocheport ...	30.28	65	NW	4	c	30.33	+0.14	58	56	-6	ENE	3	b.c	#	m.c	#	73	54	-	
	Belfort ...	29.98	76	W	4	c	30.15	+0.05	60	56	-7	W	3	0	#	c	#	82	55	-	
	Lyons ...	30.07	77	NW	1	0	30.20	+0.10	62	60	-10	NW	2	0	#	b.c.0	#	91	60	0.71	
	Nice ...	30.07	74	2	0	b	30.04	-0.09	74	62	0	2	0	b	0	b	#	81	64	-	
	Perpignan ...	30.12	73	NW	3	0	30.15	-0.01	72	62	+2	NW	3	c	#	0	#	83	65	-	
	Biarritz ...	30.21	63	NNW	3	r	30.21	+0.04	65	61	0	NNW	2	b	3	r	#	66	61	0.28	
	Corunna ...	#	#	#	#	#	30.23	+0.21	62	57	-10	NNW	1	b	#	0	#	83	53	-	
	Lisbon ...	30.06	69	NNW	5	b	30.10	+0.04	70	63	-3	NNE	4	b	#	b	#	82	63	-	
	Azores (P. Delgada)	30.48	66	SSW	1	b.c	30.45	+0.01	67	64	-1	SSW	1	b	2	b.c	#	73	61	-	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 7.0 hrs;

WEATHER CHARTS

FOR TUESDAY, 15th JUNE, 1897.

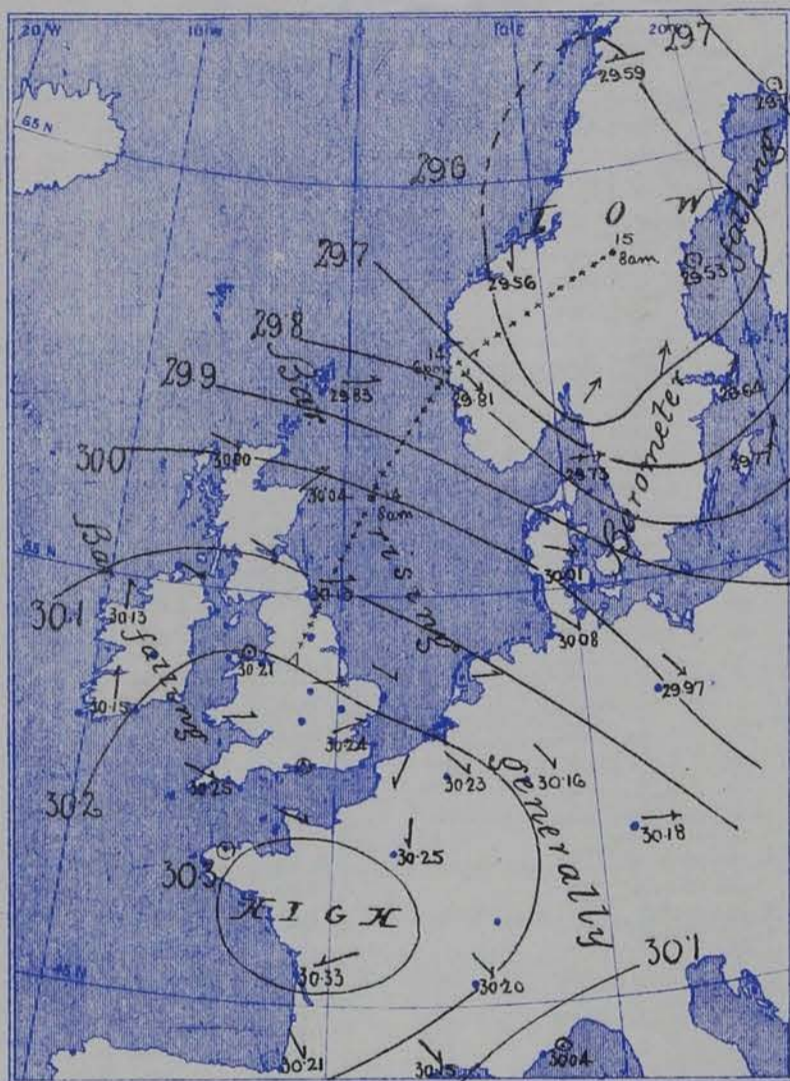
BAROMETER, WIND AND SEA.

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

WIND—Arrows shew 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 ≡≡≡

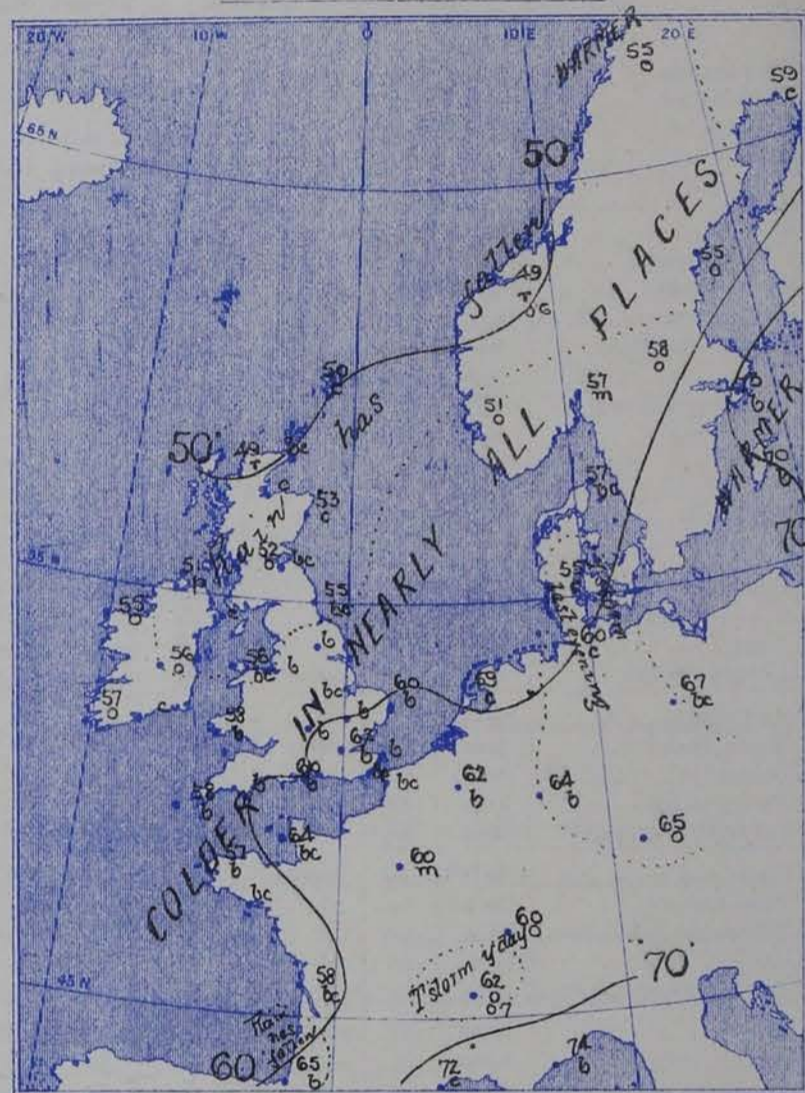


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	49.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 in. & upwards in the north-west of France; 30.1 in. & upwards in an anticyclone embracing the whole of Ireland, England, France, the Netherlands & eastern Germany.
 Lowest 29.6 in. & less in a large depression over the central parts of Scandinavia.
 Gradients slight generally, but rather steep over the south of Norway.
 Barometer falling in the west of our islands and also in Scandinavia, but rising elsewhere.

TEMPERATURE

Highest (1) 74° at Nice, 72° at Perpignan & 70° at Lisbon; (2) 73° at Stockholm, 70° at Kristy and 67° at Berlin.
 Lowest 49° at Christiansund & Lornoway, 50° at Lumburgh Head & Wick, 51° at Shindessnao & Malin Head, and 52° at Naum & Abadan.
 During yesterday the thermometer rose to 70° & upwards in many of England, to 75° at North Scotland & to 76° at Bruges.

WIND

Light to moderate from the S^{wd} in Ireland and from the S^{wd} or W^{wd} in most parts of Great Britain.
 Strong to a gale from the W^{wd} or NW^{wd} on the eastern shores of the North Sea & from the S^{wd} or S^{wd} in the south of Sweden; calm or E^{wd} in the north of Scandinavia.
 Light from the E^{wd} in the west of France, but from the N^{wd} or NW^{wd} in the central & southern parts of that country.

WEATHER

Fair or fine over western Europe as a whole, but dull on our own extreme western coasts, with rain at Lornoway & passing showers at Malin Head.
 Dull also at many of the Scandinavian stations, with rain at Christiansund.

SEA

Rain fell yesterday in the northern parts of our islands, as well as in many parts of Scandinavia, Denmark, Germany and the south of France. Thunderstorms occurred at Faro, Cuxhaven & Lyons. Solar halos were seen at Jersey and Oxford.
 Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression noticed off our north east coast yesterday has travelled on to Scandinavia. A new disturbance is, however, approaching from the Atlantic, and unsettled weather seems likely to set in again shortly over Ireland and Scotland.

FORECASTS

For the 24 hours ending at NOON on 16TH JUNE. 1897.

DISTRICTS.

FORECASTS.

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

W² to S² winds, moderate or fresh, fair at first, some rain later.

Same as No. 5.

SW² winds, light or moderate, fair generally.

DISTRICTS.

FORECASTS.

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

Same as Nos. 0 and 1.

S² and SW² winds, moderate fair at first, some showers later.

S² to SW² winds, freshening, cloudy, some rain.

WARNINGS

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.80	60	57	S	6	m	3	Valencia ...	30.27	58	55	WSW	4	bc	4
Sumburgh Head ...	29.83	52	50	NE	2	o	4	Scilly ...	30.23	60	56	WNW	4	bc	3
Stornoway ...	29.94	59	57	N	2	bc	2	Jersey ...	30.22	62	58	W	5	bc	4
Aberdeen ...	29.84	53	52	WNW	4	org	3	Hurst Castle ...	30.11	70	60	WNW	4	bc	2
Shields ...	29.89	66	56	W	4	c	2	Dungeness ...	30.00	66	61	SW	3	bc	2
Ardrossan ...	29.98	60	59	WNW	4	c	3	North Foreland ...	30.02	70	63	W	3	o	2
Malin Head ...	30.06	57	55	WNW	5	c	3	London (Westminster) ...	30.04	71	61	W	3	bc	#
Belmullet ...	30.19	59	55	W	4	o	*	Yarmouth ...	29.95	71	62	WNW	2	bc	1
Holyhead ...	30.09	64	59	W	2	b	1	Rochefort ...	30.18	70	68	WNW	3	m	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fair over the greater part of England and Ireland, but dull & raining in Scotland. Fine over the Continent as a whole, but dull at some of the Russian & Norwegian stations, with rain at Helsingfors & Bodo. Rain falling later at several of our own northern stations as well as in many parts of Scandinavia, Denmark, Germany and the south of France; thunderstorms occurring at Paris, Copenhagen & Lyons.

Temperature fallen several degrees in our islands, but risen at most of the Continental stations. Morning readings highest (1) 77° at Sanguinac, 76° at Algiers & 75° at Toulon, Trieste & Amale; (2) 73° at Swinemunde & 72° at Neufahrwasser & Brussels; touching 70° or more on the east & southeast coast of England. Lowest 44° at Bodo, 53° at Wick, Aberdeen, Ardrossan & Liverpool, and 54° at Sumburgh Head. Rising during day to 70° upwards at many of the English stations & reaching 76° at Dungeness. Exceeding 80° in France and Germany & touching 90° at Berlin & Glatz.

Wind light to moderate from NW. in Ireland and Scotland & from the W. over England and the north and west of France; S. over Denmark, the Netherlands & the northeast of France. Moderate from the W. or SW. over Scandinavia & Finland; N. over Austria, Italy & the south of Russia; calm in the south of France; N. on the Portuguese coast. Subsequently veering to the NW. in the west of France; no important change occurring elsewhere.

Barometer highest 30.2 ins. & upwards in an area lying to the southwestward of our islands & also in another system over Germany. Lowest 29.8 ins. & less in a depression over Lapland; 29.9 ins. & less in two other disturbances, one lying over the northeastern part of Great Britain & the adjacent parts of the North Sea and the other over the Black Sea and Asia Minor. Depressions over Great Britain travelling away to the northeastward & barometer rising in all parts of our islands.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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

DAILY WEATHER REPORT

for 8 a.m. on *Wednesday, 16th June, 1897.*
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Temp.				
				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.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
SCANDINAVIA.	Haparanda	29.33	53	E	4	0	29.30	- .40	48	?	- 11	E	6	+	#	0	#	61	45	2.36	
	Hernösand	29.36	55	SW	8	0	29.61	+ .08	50	47	+ 1	WNW	8	+	#	0	#	63	50	0.04	
	Stockholm	29.63	62	WNW	8	0	29.82	+ .18	60	52	- 13	W	2	+	#	0	#	77	59	-	
	Wisby	29.82	54	WNW	8	0	29.91	+ .14	52	49	- 18	WSW	4	+	#	0	#	72	48	-	
	Karlstad	29.74	60	SSW	2	0	29.83	+ .23	56	48	- 2	SW	2	+	#	0	#	#	#	-	
	Bodo	29.56	51	Z	0	T	29.64	+ .05	48	48	- 7	?	2	+	#	T	#	57	46	0.32	
	Christiansund	29.82	49	HW	7	0	29.83	+ .27	49	46	0	W	4	0	#	0	#	49	46	0.43	
	Skudesnaes	30.01	51	HW	4	0	29.86	+ .05	51	48	0	SSW	4	0	#	0	#	54	46	#	
	Færdø (Christiania Fjord)	29.77	60	W	7	bc	29.86	+ .32	54	50	- 3	WNW	1	0	#	bc	#	64	54	-	
	Skagen (The Scaw)	29.93	52	WNW	6	0	29.93	+ .20	53	48	- 4	WNW	3	0	#	0	#	61	45	-	
	Fanø	30.07	50	HW	2	0	29.93	- .08	55	52	0	S	4	0	#	0	#	59	48	-	
	Sumburgh Head	29.86	50	W	2	0	29.68	- .15	48	45	- 2	WNW	1	0	#	bc, c	#	53	44	0.01	
	Stornoway	29.93	52	WNW	2	0	29.68	- .32	50	49	+ 1	NE	3	0	#	0, 0	5.0	53	45	-	
	Wick	29.94	52	HW	1	0	29.59	- .38	46	45	- 4	NE	2	+	#	0, r	#	55	43	0.20	
	Nairn	29.92	53	W	1	0	29.57	- .45	47	47	- 5	HW	4	+	#	0, r	#	59	45	0.65	
Aberdeen	29.95	55	W	2	op	29.49	- .55	48	47	- 5	NE	3	op	#	c, op	7.1	59	47	0.64		
BRITISH ISLANDS.	Leith	29.99	55	W	2	T	29.29	- .80	53	52	- 2	Z	0	+	#	+	#	58	47	0.35	
	Shields	30.04	54	E	1	0	29.39	- .74	54	52	- 1	SSE	5	0	#	bc, 0	#	63	51	0.15	
	Spurn Head	30.03	57	ESE	3	0	29.55	- .61	55	55	- 3	S	5	+	#	c, r	#	64	54	0.08	
	York	30.00	63	WSW	1	0	29.53	- .64	54	52	- 3	SW	4	0	#	0	#	65	52	0.17	
	Loughborough	30.07	64	SW	2	0	29.65	- .56	55	54	- 4	SW	5	op	#	c, op	#	69	53	0.17	
	Ardrossan	29.98	50	SSE	3	rm	29.40	- .72	44	44	- 8	WNW	7	+	#	0, m, r	#	55	44	2.24	
	Malin Head	29.91	50	ESE	3	+	29.66	- .47	49	46	- 2	HW	6	cq, r	#	+	#	54	43	1.72	
	Belmullet	29.75	55	S	2	0	29.94	- .19	51	47	- 4	WNW	5	bc	#	0, r, 0	#	56	43	0.89	
	Donaghadee	29.99	50	S	4	+	29.56	- .61	46	45	- 9	WNW	8	0	#	+	#	57	44	0.65	
	Liverpool (Bldston)	30.03	58	W	1	0	29.58	- .62	48	45	- 6	WSW	9	+	#	c, op	#	61	48	0.18	
	Holyhead	30.03	54	SW	3	gmr	29.70	- .51	49	47	- 7	W	7	op	#	c, gmr	#	61	46	0.31	
	Parsonstown	29.90	54	SE	2	T	29.91	- .26	50	46	- 6	W	3	op	#	0, r	0.2	59	46	0.21	
	Valencia	29.87	57	S	4	odm	30.05	- .10	52	47	- 5	HW	6	bc	#	r, odm	0.0	57	48	0.66	
	Roche's Point	29.97	53	SW	5	+	29.97	- .26	53	48	- 3	WNW	5	0	#	r, b	#	59	50	0.45	
	Pembroke (St. Ann's Hd.)	30.07	56	SW	4	0	29.87	- .36	51	48	- 7	HW	6	bc, q	#	c, op	6.0	59	50	0.17	
GERMANY & HOLLAND.	Scilly	30.12	59	SW	4	0	29.94	- .31	55	51	- 3	WNW	6	0	#	c, 0	6.9	65	51	0.05	
	Prawle Point	30.14	56	SW	3	0	29.87	- .40	52	52	- 8	WNW	5	0	#	c, op	#	62	52	0.07	
	Jersey (St. Aubin's)	30.17	65	WNW	3	0	29.97	- .32	60	57	- 4	SW	4	m	#	b, c	#	65	55	-	
	Hurst Castle	30.14	61	SW	4	0	29.84	- .41	57	55	- 3	SW	6	opd	#	b, c	#	65	55	-	
	Dungeness	30.12	62	SW	3	0	29.87	- .37	57	55	- 4	SW	4	0	#	bc, b	#	65	54	0.01	
	North Foreland	30.14	60	S	3	0	29.86	- .38	57	54	- 5	8	3	0	#	0, b	#	64	54	0.03	
	London (Brixton)	30.09	68	SSE	2	0	29.80	- .44	59	54	- 3	SSW	4	0	#	0	8.1	75	55	-	
	Oxford	30.05	63	WSW	2	0	29.73	- .51	56	55	- 5	SW	4	op	#	c, 0	#	69	54	0.01	
	Cambridge	30.08	66	WSW	2	0	29.73	- .50	58	54	- 2	SSW	4	0	#	0	12.9	73	53	-	
	Yarmouth	30.08	59	SSE	4	bc	29.75	- .43	60	54	0	SSW	5	cq	#	bc	#	62	55	-	
	Cuxhaven	30.12	63	HW	3	0	29.97	- .11	58	54	- 2	SSE	3	bc	#	0	#	64	50	-	
	Berlin	30.10	66	W	2	0	30.07	+ .10	64	58	0	SSW	3	0	#	0	#	73	55	0.04	
	Wiesbaden	#	#	#	#	#	30.02	- .14	63	58	- 1	Z	0	0	#	0	#	73	52	-	
	Munich	30.19	62	Z	0	0	30.06	- .12	62	61	- 3	E	3	0	#	0	#	68	54	0.24	
	The Helder	30.15	65	W	1	0	29.86	- .31	59	55	0	S	1	0	#	0	#	66	52	-	
FRANCE & BELGIUM.	Brussels	#	#	#	#	#	29.91	- .32	64	59	+ 2	SW	2	0	#	0	#	72	55	-	
	Cape Gris Nez	30.12	62	N	1	0	29.91	- .30	56	55	- 4	WNW	2	0	#	0	#	68	55	-	
	Paris	30.13	70	SE	1	0	29.99	- .26	61	57	+ 1	S	1	m	#	0	#	75	52	-	
	Brest	30.17	61	WNW	2	bc	29.99	- .31	58	54	+ 1	WSW	3	0	#	bc	#	64	54	-	
	Lorient	30.15	61	HW	3	0	30.04	- .27	60	57	+ 5	W	4	0	#	0	#	78	55	-	
	Rochefort	30.13	66	HW	4	0	30.07	- .26	61	59	+ 3	HW	3	0	#	0	#	72	57	-	
	Belfort	30.07	69	Z	0	0	29.97	- .18	61	57	+ 1	E	2	m	#	0	#	76	54	-	
	Lyons	30.10	70	NTE	1	0	30.00	- .20	67	58	+ 5	E	1	0	#	0	#	73	56	-	
	Nice	30.00	71	SW	2	0	29.98	- .06	72	61	- 2	Z	0	0	#	0	#	83	63	-	
	Perpignan	30.04	79	HW	3	0	30.01	- .14	75	63	+ 3	HW	2	0	#	0	#	83	64	-	
	Biarritz	30.09	67	N	3	0	30.06	- .15	65	63	0	Z	0	0	#	0	#	73	61	-	
	PENIN-SULA.	Corunna	#	#	#	#	#	29.91	- .32	64	59	+ 2	SW	2	0	#	0	#	72	55	-
		Lisbon	30.10	63	WNW	4	0	30.00	- .01	67	60	- 3	W	4	0	#	0	#	79	63	-
		Azores (P. Delgada)	30.45	66	NTE	2	0	30.41	- .04	67	64	0	NTE	2	0	#	0	#	73	61	-

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 8.8 hrs;

WEATHER CHARTS

FOR Wednesday, 16th June, 1897.

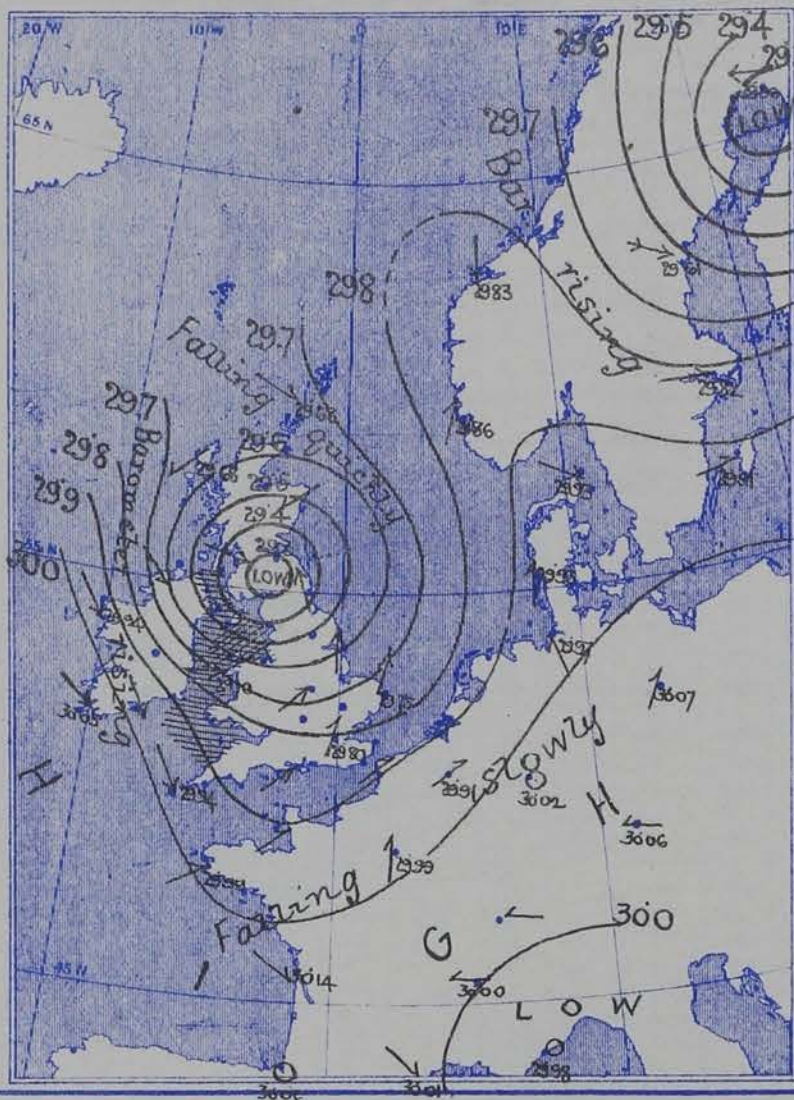
BAROMETER, WIND AND SEA.

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

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

Force above 10 → : Force 5 to 7 → : Calm ○
Force 8 to 10 → : Force 1 to 4 →

SEA—Rough : High



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.993	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881—95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 in: and upwards over the Spanish Peninsula, the Bay of Biscay, and the greater part of France and Germany.
Lowest, 29.3 in: and less, in two well marked depressions, — one with its centre near Leth, the other over the northern part of the Gulf of Bothnia.
Gradients rather steep over our Islands and also over the north of Sweden.
Barometer falling quickly on our northern coast, but rising again in the west.

TEMPERATURE

Highest, 75° at Perpignan, 72° at Nice, 61° at Lyon and Lirbon, 65° at Danitz, and 64° at Berlin and Brussels.
Lowest, 44° at Andersson, 46° at Wick and Donaghadee, 47° at Naun, and 48° at Lumburg. H^d. Aberdeen and Liverpool, as well as at Brix and the Fens.
The maxima registered yesterday were below 60° on most part of our western and northern coast; at Cambridge, however, the thermometer rose to 75° and in London to 75°.

WIND

Strong from the NWnd on our western coast, with a gale in the Irish Sea.
Fresh from the Snd on the eastern and south-eastern parts of England, and light from the same quarter over Denmark, North Germany, and the Netherlands.
Light from the NEnd in the north of Scotland; Wnd or SWnd at most of the Scandinavian stations, with a gale at Helsingfors. Variable over France and the southern parts of Germany.

WEATHER

Cloudy, or dull, over Northwestern Europe as a whole, with rain at most of our own northern stations, and generally showers in the south. Rain is also falling in the north of Scandinavia.
Fine on our extreme southern coast, as well as in Germany, the south of France, and the southern parts of Scandinavia.
Heavy rain has fallen at many of our northern stations, the largest amounts reported being 2.3 in: at Andersson, 1.7 in: at Malin H^d, 0.9 in: at Belmullet, and 0.7 in: at Naun, Donaghadee and Liverpool.

SEA

High at Liverpool, and rough on our western coast generally, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the north of our Islands will probably travel away in a northerly or north-easterly direction. A considerable increase of wind from the Nnd is likely to occur in the north and east of Scotland.

FORECASTS

For the 24 hours ending at NOON on 17th JUNE, 1897.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	N th to NW th winds, increasing to a gale; squally and rainy at first, some improvement later.	6 SCOTLAND WEST	NW th gales, moderating later; squally and rainy to fair.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.	SW th to W th winds, strong, perhaps a gale; squally and rainy to fair.	8 ENGLAND S.W.	NW th winds, strong to moderate; fair generally but local showers.
3 ENGLAND EAST	SW th to W th winds, fresh; showery at first with thunder locally, fine later, and cooler.	9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH			At 10 am to districts 0 and 1. Hoist North Cone, and to district 2 "Hoist South Cone"
		WARNINGS	

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.98	54	52	nmw	6	c	3	Valencia ...	29.99	54	54	S.E.	5	r	5
Sumburgh Head ...	29.89	50	47	w	3	bc	4	Scilly ...	30.20	62	56	Sw	3	c	1
Stornoway ...	29.98	53	51	nmw	2	o	2	Jersey ...	30.25	63	58	w	3	b	3
Aberdeen ...	30.01	57	50	SSW	2	c	1	Harst Castle ...	30.21	65	60	S.E.	2	b	1
Shields ...	30.10	60	51	Sw	3	bc	2	Dungeness ...	30.21	64	63	Sw	3	bc	2
Ardrossan ...	30.09	52	52	SSW	4	o	2	North Foreland ...	30.22	60	59	S	2	o	2
Malin Head ...	30.05	50	50	E	2	r	1	London (Westminster) ...	30.17	71	58	Sw	3	c	#
Belmullet ...	29.96	54	53	SSE	1	ot	*	Yarmouth ...	30.16	59	55	ESE	3	bc	3
Holyhead ...	30.14	58	55	Sw	2	qs	1	Rochefort ...	30.29	71	64	nmw	3	b	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over western, central, and southern Europe generally, but dull on our own extreme western coast, with rain at Stornoway, and passing showers at Stornoway. Dull over the greater part of Scandinavia and northern Russia, with rain at Christiansund. Heavy rain setting in later over Ireland and the west of Scotland, - amount reaching 2.3 in. at Ardrossan. Very heavy fall (2.4 in.) reported also at Hapavanda.

Temperatures fallen at all but the Russian and Austrian stations. Morning readings highest (1) 78° at Nice, Toulon, and Sangreiras, and 77° at Trieste; (2) 76° at Neufahrwasser, 73° at Stockholm, and 71° at Wismar; above 60° in the southeast of England. Lowest, 49° at Christiansund and Stornoway, 50° at Sumburgh Head and Wick, and 51° at Skudersnaes and Malin Head. Daily maxima below 60° at most of our own western and northern stations, but thermometer reaching 75° in London and also at Paris. Exceeding 80° in the extreme south of France.

Winds light to moderate from the S^W in Ireland and from the S^W or W^W over Great Britain. Strong to a gale from the W^W or NW^W on the eastern shore of the North Sea, and from the S^W or S^W in the south of Sweden; calm over the Gulf of Bothnia and the extreme north of Russia. Light to moderate from the NW^W over Germany, the Netherlands, and the central and southern parts of France; NE^E over Spain and the Bay of Biscay, calm or variable over Italy and Austria. Subsequently freshening from the S^W on our western coast, and increasing to a gale at Belmullet at night.

Barometer highest 30.3 in. and upwards in the northwest of France; 30.1 in. and upwards in our anticyclone embracing the whole of Ireland, England, the Netherlands, western Germany, France and Spain. Lowest 29.6 in. and less in a large depression over Scandinavia; 29.8 in. and less, in another system over Asia Minor. Scandinavian depression subsequently travelling northwards; new and deep disturbance advancing to our own northwest coast.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on *Thursday, 17th June, 1897.*
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			
				At 32° and M.B.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.	Rainfall.
SCANDINAVIA.	Haparanda	Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
	Hernösand	29.64	52	Z	0	b	29.74	+ .44	56	49	+ 8	Z	0	b	#	b	#	59	46	-	
	Stockholm	29.78	53	Z	0	o	29.76	+ .15	55	53	- 1	SE	2	o	#	o	#	68	50	-	
	Wisby	29.79	60	S	2	o	29.69	- .13	58	54	- 2	ESE	2	o	#	o	#	68	52	-	
	Karlstad	29.83	54	SSW	4	b	29.72	- .19	60	55	+ 8	S	4	o	#	b	#	63	46	-	
		29.75	68	SSW	2	b	29.54	- .29	55	53	- 1	SE	4	#	b	#	#	#	#	0.04	
	Bodö	29.80	46	SW	5	o	29.72	+ .08	50	46	+ 2	NE	2	bc	1	o	#	50	43	0.04	
	Christiansund	29.69	53	N	5	e	29.37	- .46	53	49	+ 4	ESE	2	#	3	c	#	54	48	0.04	
	Skudesnaes	29.47	53	ESE	6	#	29.18	- .68	50	48	- 1	SE	8	#	6	#	#	52	46	#	
	Færder (Christiania Fjord)	29.73	55	SE	2	o	29.46	- .40	55	52	+ 1	SSE	6	o	3	o	#	59	52	0.32	
BRITISH ISLANDS.	Skagen (The Scaw)	29.64	57	S	3	o	29.50	- .43	54	49	+ 1	SW	4	c	1	o	#	63	45	0.08	
	Fanö	29.58	54	SW	6	#	29.56	- .37	53	48	- 2	WSW	6	c	#	#	#	64	50	0.16	
	Sumburgh Head	29.50	46	NE	3	#	29.32	- .36	47	47	- 1	N	4	#	5	o r	#	49	43	0.45	
	Stornoway	29.67	48	NW	3	o	29.64	- .00	48	47	- 2	NNW	4	o	4	c, o	#	51	44	0.04	
	Wick	29.51	46	N	5	o	29.48	- .11	48	47	+ 2	N	7	c	5	o	#	48	43	0.05	
	Nairn	29.58	49	ESE	3	c	29.62	+ .05	47	46	0	N	4	c	3	c	#	52	43	0.39	
	Aberdeen	29.42	43	NNW	9	o g r q	29.57	+ .05	47	44	- 1	NNW	8	c q	5	o g r q	0.0	44	42	0.94	
	Leith	29.53	50	N	3	o	29.63	+ .34	51	46	- 2	N	3	o	#	r, o	#	53	42	0.58	
	Shields	29.47	49	NNW	5	o	29.63	+ .24	52	48	- 2	N	3	b	3	op, o	#	55	42	0.07	
	Spurn Head	29.57	54	N	7	c	29.72	+ .17	51	50	- 4	N	5	o	5	o	#	56	46	-	
GERMANY & HOLLAND.	York	29.60	53	N	3	o	29.73	+ .20	51	46	- 3	N	3	c	#	c, o	3.7	55	43	-	
	Loughborough	29.96	52	N	5	c	29.84	+ .19	50	45	- 5	NNW	5	c q	#	c q p bc	#	60	43	0.06	
	Ardrossan	29.62	52	N	5	c	29.74	+ .34	52	48	+ 8	NNW	5	c	3	r, o, b	#	53	44	0.71	
	Malin Head	29.78	48	NW	6	c	29.83	+ .17	49	46	0	NW	6	bc q p	5	c q	#	51	43	0.10	
	Belmullet	30.01	51	NW	5	bc q p	29.98	+ .04	51	47	0	NNW	2	o	#	q p	#	53	44	0.20	
	Donaghadee	29.79	52	NW	8	bc q	29.85	+ .29	51	48	+ 5	NNW	7	c	5	bc q	#	55	42	0.02	
	Liverpool (Blairston)	29.79	52	N	7	c	29.82	+ .24	48	45	0	N	7	o	7	cp	#	55	46	0.03	
	Holyhead	29.83	53	NW	6	c q p	29.91	+ .21	53	50	+ 4	NW	6	bc	5	c q p	#	56	46	0.01	
	Parsonstown	29.98	53	N	2	b	30.01	+ .10	51	46	+ 1	NW	2	c	#	b, p	10.6	57	43	0.13	
	Valencia	30.13	54	NNW	4	c	30.07	+ .02	53	49	+ 1	N	3	op	4	bc q	10.2	55	44	0.04	
FRANCE & BELGIUM.	Roche's Point	30.05	54	NNW	5	bc	30.06	+ .04	52	48	- 1	NNW	3	c	3	bc q	#	58	48	-	
	Pembroke (St. Ann's Hd.)	29.97	54	NW	5	bc	30.01	+ .14	51	49	0	NW	6	bc q	5	bc	11.7	55	49	0.02	
	Scilly	30.06	66	NW	5	c	30.07	+ .13	56	51	+ 1	NW	5	c	4	c	9.3	61	50	-	
	Prawle Point	29.99	55	NNW	5	c	30.04	+ .17	55	51	+ 3	NNW	4	bc	3	c	#	61	48	-	
	Jersey (St. Aubin's)	30.02	58	NNW	5	b	30.07	+ .10	56	49	- 4	NNW	5	bc	4	d p e, b	#	60	52	0.01	
	Hurst Castle	29.91	60	NNW	4	b	29.97	+ .13	53	50	- 4	NNW	5	cp	3	b, c	#	63	49	0.01	
	Dungeness	29.82	62	N	6	bc	29.90	+ .03	59	50	+ 2	NNW	5	bc	4	cp bc	#	65	49	0.02	
	North Foreland	29.79	60	NW	5	bc q	29.87	+ .01	53	47	- 4	N	5	bc q	4	s, bc q	#	65	44	-	
	London (Brixton)	29.83	60	NNW	4	b	29.90	+ .10	54	47	- 5	NNW	4	c	#	c p, b	7.3	66	44	0.01	
	Oxford	29.86	53	N	3	b	29.91	+ .18	51	45	- 5	N	4	bc	#	c p, c, b	#	61	44	-	
GERMANY & HOLLAND.	Cambridge	29.79	56	WSW	4	c	29.86	+ .13	51	46	- 7	N	4	b	#	cp	7.3	63	44	0.02	
	Yarmouth	29.69	59	NNW	5	bc q	29.78	+ .03	51	45	- 9	NNW	5	bc	3	c q, bc q	#	63	45	0.08	
	Cuxhaven	29.68	63	NW	2	#	29.69	- .28	53	50	- 5	SW	4	c	#	#	#	66	52	0.16	
	Berlin	29.77	72	Z	0	b	29.80	- .27	60	52	- 4	NW	5	#	#	b	#	82	61	-	
	Wiesbaden	#	#	#	#	#	29.89	- .13	57	55	- 6	NW	2	bc	#	#	#	77	56	0.04	
	Munich	29.94	68	SSW	3	c	29.96	- .10	61	57	- 1	SW	4	o	#	c	#	75	57	0.08	
	The Helder	29.69	60	SW	2	bc	29.74	- .12	53	48	- 6	N	5	c	4	bc	#	63	50	0.16	
	Brussels	#	#	#	#	#	29.89	- .02	54	49	- 10	NNW	4	o	#	o	#	71	44	0.04	
	Cape Gris Nez	29.82	58	N	5	b	29.89	- .02	50	48	- 6	NW	5	bc	5	b	#	61	48	0.04	
	Paris	29.90	68	NNW	3	c	30.02	+ .03	53	50	- 8	WSW	2	bc	#	c	#	77	45	-	
FRANCE & BELGIUM.	Brest	30.08	57	NW	3	bc	30.13	+ .14	55	52	- 3	NNW	3	c	3	bc	#	61	50	-	
	Lorient	30.06	62	NNW	4	bc	30.12	+ .08	55	52	- 5	NW	4	b	2	bc	#	68	52	-	
	Rochefort	30.06	64	NW	3	c	30.12	+ .05	56	53	- 5	N	3	o	#	bc, c	#	72	52	-	
	Belfort	29.84	70	N	3	c	29.99	+ .02	52	51	- 9	N	2	#	#	c	#	79	52	0.04	
	Lyons	29.93	72	NNW	1	o	30.01	+ .01	63	57	- 4	N	1	#	#	o	#	82	58	-	
	Nice	29.93	66	SW	3	c	29.96	- .08	67	63	- 5	Z	0	c	0	c	#	77	61	-	
	Perpignan	29.95	79	NW	2	c	30.04	+ .03	68	60	- 7	NNW	3	c	#	c	#	87	64	-	
	Biarritz	30.05	67	NW	3	c	30.08	+ .02	62	61	- 3	NNW	4	o	2	c	#	73	61	-	
	PENIN- SULA.	Corunna	#	#	#	#	#	29.89	- .02	54	49	- 10	NNW	4	o	#	o	#	71	44	0.04
		Lisbon	30.07	64	NNW	5	c	30.02	- .07	68	60	+ 1	N	4	b	#	c	#	77	63	-
Azores (P. Delgada)		30.41	66	NE	4	bc	30.38	- .03	66	62	- 1	ESE	4	c	3	bc	#	73	64	-	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport. 6.9 hrs.

WEATHER CHARTS

FOR Thursday, 17th June, 1897.

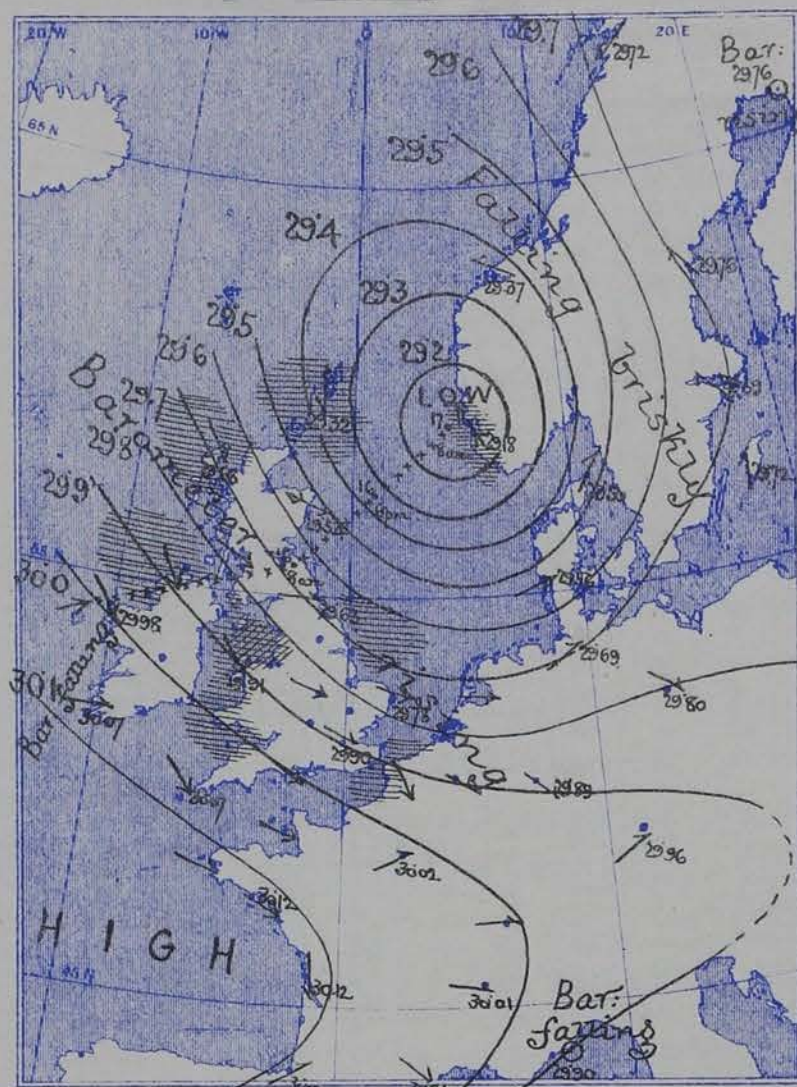
BAROMETER, WIND AND SEA.

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 ≡≡≡

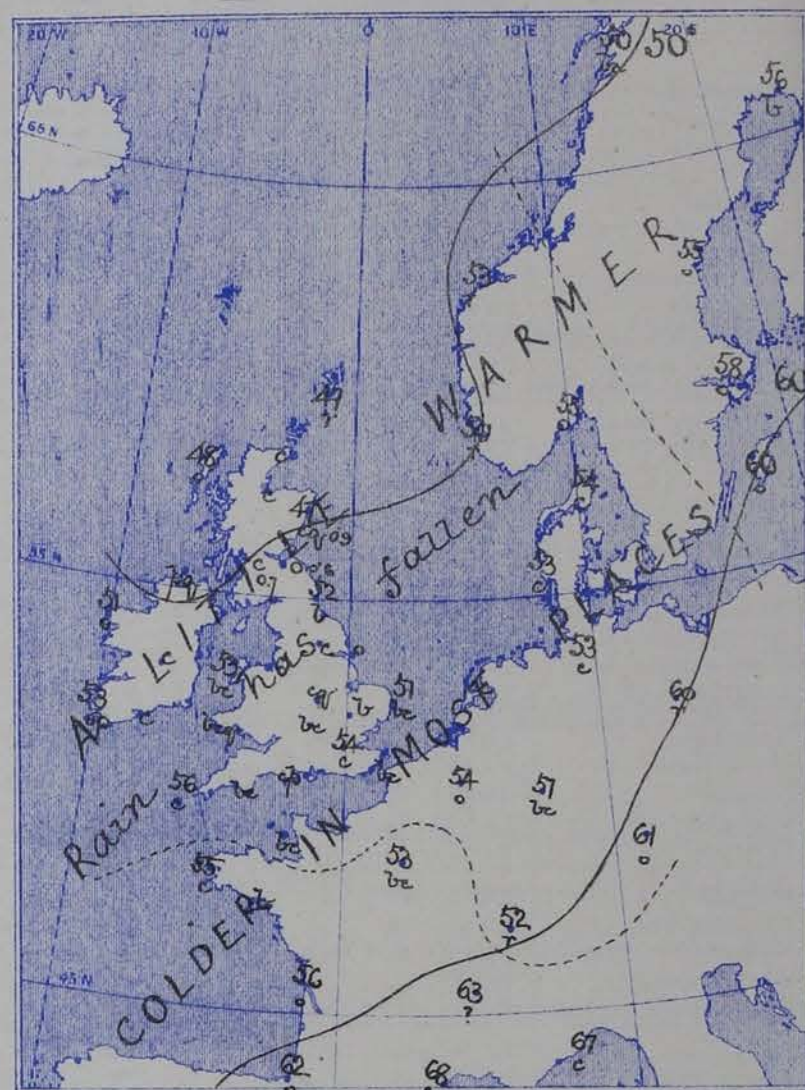


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Behnullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in. and upwards in an anticyclone lying over the Bay of Biscay and the neighbouring parts of France.
 Lowest, 29.2 in. and less, in a well marked depression lying off the southeast of Norway.
 Gradients moderate to rather steep over the North Sea and the northern parts of our islands, but slight elsewhere.
 Barometer rising over Great Britain, France, Germany, and the Netherlands; falling slightly in Ireland, and briskly in Scandinavia.

TEMPERATURE

Highest, 68° at Perpignan and Linton, 67° at Nice, 63° at Lyons, 62° at Biarritz, 61° at Munich, and 60° at Wiesbaden and Berlin.
 Lowest, 47° at Lumburg Head, Narvik, and Abisko, 48° at Liverpool, 49° at Malin Head, and 50° at Bodø, Skudenes, and Loughborough.
 The maxima registered yesterday were below 55° on many parts of our north and northwest coasts, but above 60° in the south and east of England; in London the thermometer rose to 66°.

WIND

Fresh to strong from the Wnd or NWnd over our Islands and the neighbouring part of the Continent, with a gale at Aberdeen.
 SW^{ly} in Denmark, SE in Scandinavia, with a gale at Skudenes.
 A strong gale from the Wnd was experienced yesterday over the northern parts of England, and from the NWnd in the east of Scotland.

WEATHER

Fair or fine over Western Europe as a whole, but showery at one or two of our own western and southern stations, and raining in the Shetlands and the west of Norway, as well as at Skudenes and Berlin.
 Heavy rain continued yesterday in many parts of Scotland, the amount measured this morning being 0.9 inch at Aberdeen, 0.7 in. at Arbroath and 0.6 in. at Leith. Smaller quantities fell in many other parts of our area.

SEA

High at Liverpool and rather rough on several of the more exposed parts of our coast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression noticed over Scotland yesterday has passed on to the Norwegian coast. The barometer is, however, beginning to fall again in Ireland; so that the general appearance can scarcely be regarded as settled.

FORECASTS

For the 24 hours ending at NOON on 18th JUNE 1897.

DISTRICTS.		FORECASTS.	
0	SCOTLAND NORTH	}	NW ^{ly} winds, strong to moderate; rain at first then fair.
1	SCOTLAND EAST		
2	ENGLAND N.E.		
3	ENGLAND EAST		
4	MIDLAND COUNTIES		
5	ENGLAND SOUTH		
}		Same as No 5.	
		W ^{ly} winds, moderate; fair generally, but local showers.	

DISTRICTS.		FORECASTS.	
6	SCOTLAND WEST	}	NW ^{ly} to W ^{ly} or SW ^{ly} winds; fair at first, some rain later.
7	ENGLAND N.W.		
8	ENGLAND S.W.		
9	IRELAND NORTH		
10	IRELAND SOUTH		
WARNINGS			

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes								Valencia	30.11	58	54	W	6	b.c.g	6
Sumburgh Head	29.58	49	46	NE	1	0	3	Scilly	30.08	58	54	W	6	c	4
Sternøway	29.66	50	49	N	3	c	3	Jersey	29.98	60	54	WNW	5	c	4
Aberdeen	29.36	47	45	N	8	o.g.g	5	Hurst Castle	29.88	63	54	WNW	5	c	4
Shields	29.24	47	45	SEW	5	o.p	3	Dungeness	29.76	57	56	SW	6	c.p	5
Ardrossan	29.57	53	51	WNW	5	o	3	North Foreland	29.76	63	58	SSW	5	c	4
Malin Head	29.74	50	46	W	6	c.g.t	4	London (Westminster)	29.77	63	53	WNW	4	b.c	#
Belmullet	30.00	53	49	W	6	b.g.p	*	Yarmouth	29.65	62	53	W	6	c.g	4
Holyhead	29.74	54	51	WNW	7	c.g.p	6	Rochefort	30.09	69	67	W	3	b.c	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull over Western Europe as a whole, with heavy rain at most of our own northern stations, and passing showers in the south; rain falling also in the extreme northern part of Russia and Scandinavia. Fine over the southern and eastern parts of the Continent generally, as well as over Denmark, the Baltic, and the southern part of Sweden. Considerable quantities of rain falling over Scotland during day, and smaller quantities in most other parts of Western Europe.

Temperatures fall in most places. Morning readings highest 73° at Naples, 78° at Trieste, 77° at Barcelona, and 76° at Palma; above 65° over southern and southeastern Europe generally. Lowest 44° at Ardrossan, 46° at Wick and Daraghade, and 47° at Malin; below 50° in the north and extreme north of our Islands generally. Daily maxima below 50° at some of the northern Scotch stations; thermometer exceeding 60° in the south of our Islands, and reaching 66° in London. Exceeding 80° at some of the French and German stations and reaching 87° at Perpignan.

Wind strong from the NW² on our own western coast, with a gale in the Irish Sea; fresh from the S² over the eastern and central parts of England, and light from the same quarter over the Netherlands, Germany, and Denmark; light from the NE² in the north of Scotland; E in the extreme northern part of Russia and Scandinavia, strong to a gale from the NW² over the Gulf of Bothnia and Finland. Light and variable over southern Europe as a whole. Subsequently increasing to a strong gale from the W² in the north of England, and from the NW² in the East of Scotland.

Barometer highest 30.0 in. and upwards over all the more central and southern parts of the Continent. Lowest 29.3 in. and less, in two well marked depressions, one lying with its centre near Litch, the other over the northern part of the Gulf of Bothnia. Scotch depression subsequently travelling northwards, and barometer rising in all parts of our Islands.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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

DAILY WEATHER REPORT

for 8 a.m. on *Friday, 18th June, 1897.*
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.		Weather	BAROMETER.	TEMPERATURE.				WIND.	Force (0 to 12.)	Weather.	Sea (0 to 5.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.						Max.	Min.	
SCANDINAVIA.	Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
	Haparanda ...																		
	Hernösand ...																		
	Stockholm ...																		
	Wisby ...																		
	Karlstad ...																		
	Bodö ...																		
	Christiansund ...																		
	Skudesnaes ...	29.35	50	m	8	r	29.54	+36	49	45	-1	WSE	6	c	5	r.f.s	50	43	#
	Færder (Christiania Fjord)	29.47	53	S	6	0	29.56	+10	53	50	-2	WSE	6	b	4	0	55	52	-
	Skagen (The Scaw)	29.57	51	SW	6	0	29.68	+18	50	47	-1	WSE	4	c	1	0	59	43	0.16
	Fanö ...	29.73	50	m	6	c	29.70	+14	55	51	+2	WSE	6	c	#	c	57	48	0.08
	Sumburgh Head	29.38	47	WSE	3	r	29.39	+07	48	44	+1	WSE	3	b	5	c.r	51	43	0.18
	Stornoway ...	29.64	50	n	3	c	29.52	-16	47	47	-1	H	2	0	2	p.o.c	52	40	0.03
	Wick ...	29.59	46	H	5	c	29.49	+01	51	50	+3	H	3	c	3	c	53	39	0.03
	Nairn ...	29.62	52	WSE	3	c	29.50	-12	50	48	+3	Z	0	bc	0	c	57	46	-
	Aberdeen ...	29.61	55	w	3	bc	29.50	-04	47	45	0	w	1	o.g.r	1	bc.p.bc	55	44	0.20
BRITISH ISLANDS.	Leith ...	29.66	54	w	3	c	29.46	-17	48	46	-3	E	1	r	#	c	63	43	0.01
	Shields ...	29.72	55	w	3	c	29.40	-23	47	47	-5	E	2	2	2	bc.r	61	45	0.10
	Spurn Head ...	29.79	54	w	5	c	29.38	-34	55	55	+4	S	4	og	4	c.r.g	57	47	0.25
	York ...	29.82	54	w	1	c	29.37	-36	51	50	0	SE	1	r	#	c.r	58	45	0.40
	Loughborough ...	29.88	54	w	3	0	29.42	-42	58	57	+3	SW	3	ou	#	c.g.u.op	60	46	0.26
	Ardrossan ...	29.72	50	w	4	0	29.43	-31	48	46	-4	WSE	3	omp	2	c.o	54	43	0.08
	Malin Head ...	29.73	46	W	4	r	29.54	-29	45	44	-4	WSE	5	r	3	o.r	52	43	0.27
	Belmullet ...	29.63	48	ESE	3	0	29.67	-31	48	46	-3	WSE	4	0	#	or	54	44	0.49
	Donaghadee ...	29.79	50	SW	5	c	29.40	-45	47	46	-4	WSE	6	rg	4	c	58	44	0.43
	Liverpool (Bliston)	29.84	52	WSE	3	0	29.33	-49	55	53	+7	SW	3	r	3	c.r	56	45	0.57
	Holyhead ...	29.84	51	SW	3	r	29.34	-57	53	53	0	SW	4	ogm	3	c.m.r	59	47	0.44
	Parsonstown ...	29.76	49	SW	1	r	29.50	-51	50	48	-1	W	3	og	#	c.o.r	56	48	0.34
	Valencia ...	29.69	54	S	4	r	29.76	-31	53	49	0	W	7	c.g	6	rg	57	43	0.42
	Roche's Point ...	29.79	52	SW	5	r	29.56	-50	54	51	+2	W	8	c	5	r.c	56	50	0.25
	Pembroke (St. Ann's Hd.)	29.92	50	WSE	4	r	29.47	-54	54	53	+3	WSE	6	0	5	c.r.g	55	49	0.30
GERMANY & HOLLAND.	Seilly ...	30.01	53	SW	3	m	29.67	-40	57	54	+1	WSE	8	og	4	c.o.m	59	51	0.41
	Prawle Point ...	30.03	49	WSE	4	r	29.60	-44	54	53	-1	WSE	7	og.u	5	p.r.f	58	48	0.49
	Jersey (St. Aubin's)	30.09	57	w	4	og	29.75	-32	59	58	+3	WSE	7	opu	5	c.op	61	52	0.36
	Hurst Castle ...	29.98	57	SW	5	0	29.58	-39	58	57	+5	SW	6	cpd	4	c.o.u	63	52	0.14
	Dungeness ...	29.93	56	WSE	6	c	29.60	-30	54	54	-5	SW	7	og.p	6	bc.p.c	65	52	0.06
	North Foreland	29.94	59	w	4	0	29.60	-27	55	53	+2	S	6	og.p	3	bc.o	62	50	0.09
	London (Brixton) ...	29.93	59	w	3	c	29.54	-36	59	57	+5	SW	4	0	#	bc.og	63	48	0.20
	Oxford ...	29.91	52	WSE	2	0	29.48	-43	59	56	+4	SW	3	op	#	c.op	60	48	0.11
	Cambridge ...	29.89	56	WSE	2	or	29.48	-38	57	56	+6	SW	3	0	#	bc.v.or	62	47	0.19
	Yarmouth ...	29.85	57	WSE	4	bc	29.51	-27	53	52	+2	S	6	og.r	5	bc	59	48	0.24
	Cuxhaven ...	29.79	54	w	5	bc	29.80	+11	52	49	-1	S	4	0	#	bc.r	55	46	0.39
	Berlin ...	29.88	55	SW	3	0	29.97	+17	54	50	-6	S	3	b	#	0	72	46	0.04
	Wiesbaden ...	#	#	#	#	#	30.01	+12	49	48	-8	w	1	0	#	#	68	44	0.12
	Munich ...	30.10	48	SW	5	0	30.10	+14	51	47	-10	SW	3	bc	#	0	66	45	0.32
	The Helder ...	29.87	54	w	3	c	29.69	-05	52	50	-1	SW	3	r	3	c	57	50	0.12
FRANCE & BELGIUM.	Brussels ...	#	#	#	#	#	29.82	-07	50	48	-4	S	1	r	#	bc	60	48	0.04
	Cape Gris Nez ...	29.93	55	w	5	0	29.69	-20	52	51	+2	SW	6	r	6	0	57	50	0.08
	Paris ...	30.04	60	w	2	bc	29.91	-11	54	52	+1	SW	3	0	#	bc	66	50	0.04
	Brest ...	30.12	57	WSE	3	c	29.72	-41	58	57	+3	WSE	4	f	#	c	64	50	0.08
	Lorient ...	30.14	58	WSE	4	0	29.88	-24	59	57	+4	w	4	f	5	0	66	46	0.12
	Rochefort ...	30.16	63	W	4	c	30.03	-09	61	57	+5	w	5	0	#	c	66	55	-
	Belfort ...	30.11	55	WSE	5	b	30.02	+03	50	47	-2	Z	0	0	#	b	58	41	-
	Lyons ...	30.09	61	WSE	2	c	30.07	+06	59	50	-4	H	1	c	#	c	67	46	-
	Nice ...	29.77	70	Z	0	c	29.86	-04	67	60	0	Z	0	c	#	c	70	61	-
	Perpignan ...	30.05	73	W	3	c	30.08	+04	67	58	-1	w	1	c	#	c	80	59	-
	Biarritz ...	30.16	64	H	3	b	30.06	-02	62	59	0	SE	3	b	2	b	72	57	0.08
PENIN- SULA.	Corunna ...	#	#	#	#	#	29.82	-07	50	48	-4	S	1	r	#	bc	60	48	0.04
	Lisbon ...	30.02	66	WSE	5	b	30.04	+02	71	64	+3	WSE	1	b	#	0	79	63	-
	Azores (P. Delgada)	30.39	66	ESE	4	0	30.36	-02	65	64	-1	NE	4	m	3	0	72	64	0.04

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 3.1 hrs;

WEATHER CHARTS

FOR *Friday, 18th June, 1897.*

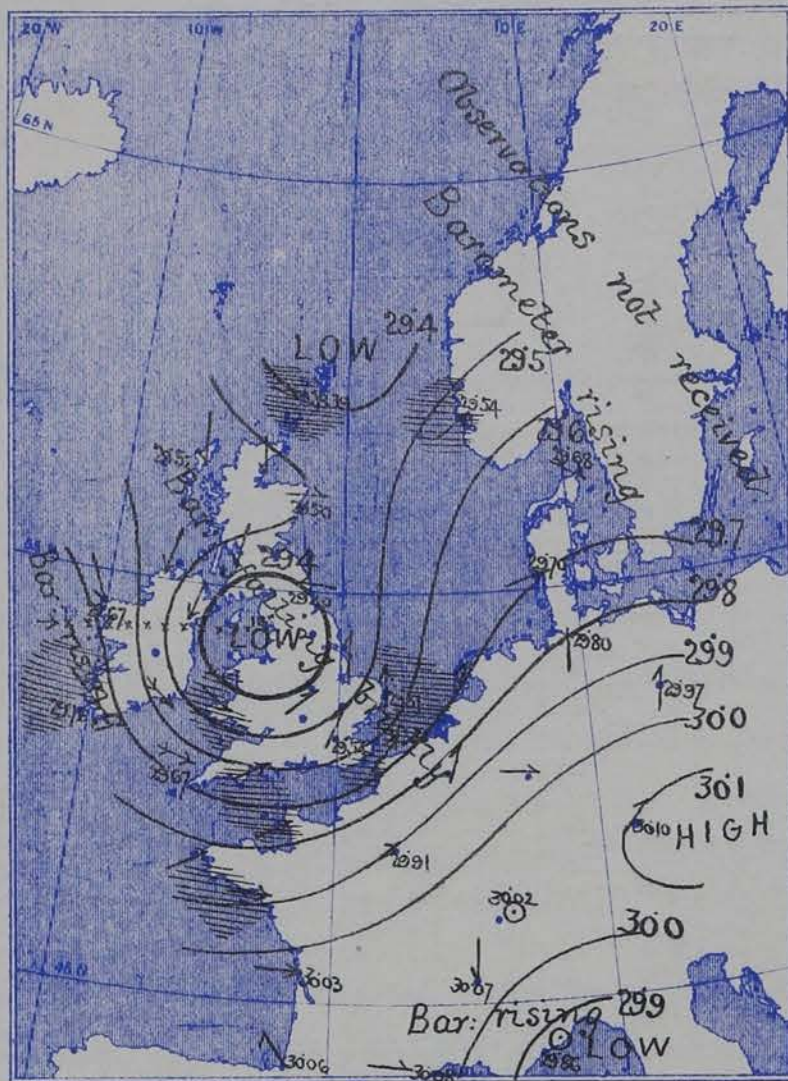
BAROMETER, WIND AND SEA.

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

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

Force above 10 →→→ ; Force 5 to 7 →→→ ; } Calm ○
Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; }

SEA—Rough ≡≡≡ ; High ≡≡≡

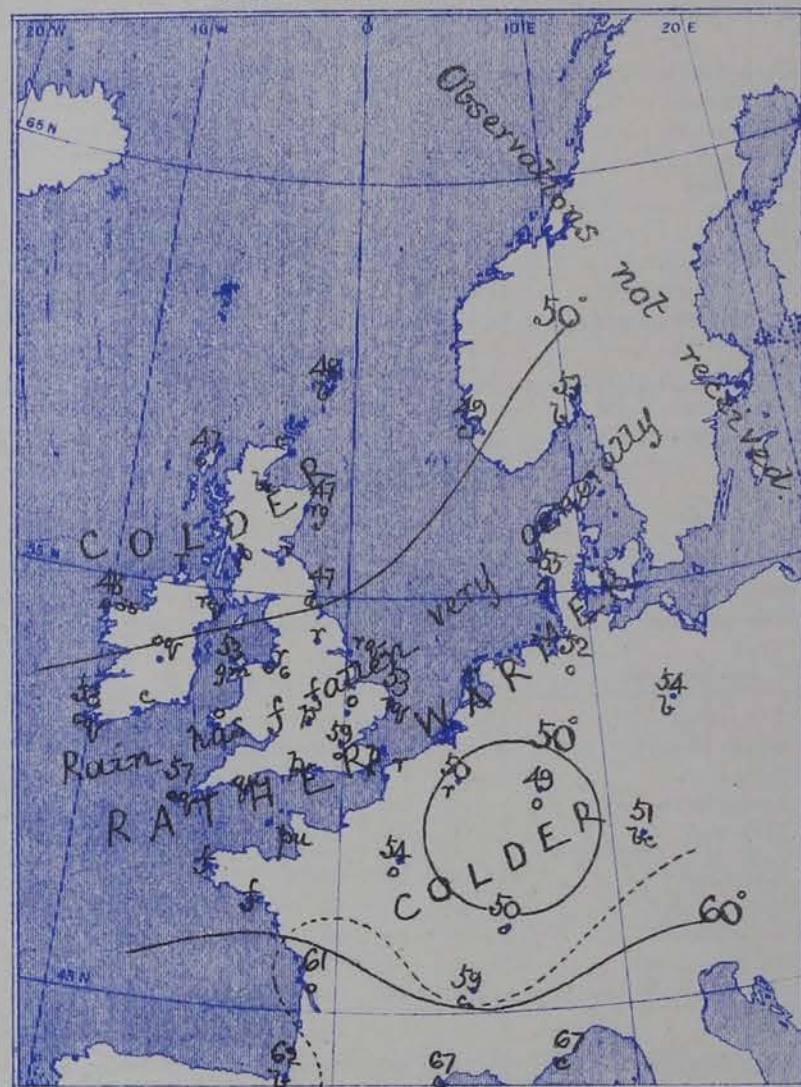


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°		°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	49.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.10 in. at Munich; 30.0 in. and upwards over the Spanish Peninsula, the western and central parts of France and the southern part of Germany.
Lowest, 29.4 in. and less, in a well marked depression with its central area over the north of England and the Irish Sea.
Gradients rather steep over the west and south of our Islands and the neighbouring part of the Continent, but moderate or slight elsewhere.
Barometer falling in Great Britain, France, and the Netherlands, but rising elsewhere.

TEMPERATURE

Highest, 71° at Lisbon, 67° at Nice and Perpignan, 62° at Biarritz, 61° at Rochefort, and 59° at Oxford, London, Jersey, and Lorient.
Lowest, 45° at Dublin Head, 44° at Lerwick, Aberdeen, Shields, and Donaghadee, and 43° at Leth, Adrossan, and Balmullet.
The maxima registered yesterday were below 60° at most of our coast stations, but a little above it in the eastern and southern parts of Great Britain.

WIND

Strong to a gale from the NWnd on our southwest coasts, moderate from the Wnd over the Bay of Biscay; strong from the Snd over the southeastern part of England, and light or moderate from the same quarter over the Netherlands and North Germany.
Nth in Scotland and the north of Ireland; Wth in the south of Norway.

WEATHER

Rainy over the east of Scotland and the northern parts of England and Ireland, as well as in the Netherlands; showery in the south of England.
Fair at most of the Continental stations, but cloudy or dull in many parts of France.
Since yesterday morning rain has fallen in most parts of our area, the largest amount being 0.4 in. at Liverpool, and 0.5 in. at Balmullet & Buncle B.

SEA

Rough or rather so on many parts of our west, south, and southeast coasts, as well as at Lumburg Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over our Islands seems likely to travel northwards. In its rear the wind will probably increase from the Nth on our northern coasts, with rain, but over Ireland and England a temporary improvement in the weather is anticipated.

FORECASTS

For the 24 hours ending at NOON on 19th JUNE, 1897.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

- Nth winds, freshening; squally, some showers.
- Variable winds, finally NWth; rainy at first, but improving later.
- SWth to Wth strong winds or gales; squally and showery at first, but improving later.

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

WARNINGS

Same as Nos 0 and 1.

NWth winds, moderating later; squally and showery then fair.

At 3.40 pm yesterday to districts 9 and 10, at 5.0 pm to districts 7 and 8, and at 7 pm to district 3.5. and 6 "Hoist South Cone".

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	29.18	50	49	SSC	8	r f	4	Valencia	29.91	51	50	SSC	3	q t	4
Sumburgh Head	29.37	50	48	HW	3	c	5	Scilly	30.07	57	54	H	3	o	3
Stornoway	29.69	51	51	H	3	o	3	Jersey	30.11	58	50	HW	5	c	4
Aberdeen	29.61	53	48	H	6	bc q p	4	Hurst Castle	30.00	63	53	H	4	c	3
Shields	29.70	60	52	H	4	bc	2	Dungeness	29.95	65	63	HSW	4	bc p	3
Ardrossan	29.73	53	50	H	6	c	3	North Foreland	29.94	60	50	H	5	bc	4
Malin Head	29.83	49	46	HW	6	o	3	London (Westminster)	29.93	63	53	H	3	c	#
Belmullet	29.87	56	48	SW	1	o r	#	Yarmouth	29.84	57	49	HW	4	bc	4
Holyhead	29.92	55	51	SW	4	cm	3	Rocheport	30.16	64	59	HW	3	c	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fair or fine over western and southern Europe as a whole, but showery at one or two of our own western and southern stations, and rainy in the Shetlands and the coast of Norway as well as at Karlsbad. Dull in Germany, northern Austria, and western and central Russia, with rain at Berlin and Lemberg. Rain extending from the west lake over the whole of our Islands and their neighbourhood; amounts large at many of the Irish and English stations.

Temperatures fallen over Great Britain, France, the Netherlands and Western Germany, rain or changed irregularly elsewhere. Morning readings highest 78° at Trieste, 76° at Pabos, and 75° at Toulon, Barcelona, and Ifax; above 65° over southern and southeastern Europe generally. Lowest (1) 44° at Archangel; (2) 47° at Sumburgh Head, Harin, and Aberdeen, and 48° at Liverpool; below 55° in nearly all parts of the United Kingdom. Daily maxima below 60° at most of our own coast stations, but a little above it in the eastern and southern parts of Great Britain. Thermometer exceeding 70° in some parts of Germany, and the south of France, and reaching 80° at Perpignan.

Wind fresh to strong from the Wnd or NWnd over our Islands and the neighbouring parts of the Continent, with a gale at Aberdeen; SWnd in Germany and Denmark; Snd over the Baltic; SEnd in Scandinavia, with a gale at Skudenes. Light from the Wnd or NWnd over the northern and central parts of Russia. Calm or variable over southern and southeastern Europe as a whole, but NEnd over the Spanish Peninsula. Subsequently backing to the Snd on our western coasts and to the SWnd over England; gale at Aberdeen subsiding quickly.

Barometer highest 30.1 in: and upwards in an anticyclone lying over the Bay of Biscay, the west of France and the north of Spain, 30.0 in: and upwards in another system over the south of Italy. Lowest 29.2 in: and less, in a well marked depression off the southwest of Norway, 29.5 in: and less over Northern Russia. Norwegian depression subsequently moving northwards and partially filling up; new disturbances advancing over our western coasts at night.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on *Saturday, 19th June, 1897.*
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.					
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.					
																				At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather.	Max.	Min.	Rainfall.
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.			
	Hernösand ...	29.74	49	W	2	r	29.76	-0.01	50	49	-9	NW	2	0	#	r	#	66	48	0.35		
	Stockholm ...	29.67	50	S	4	b	29.78	+1.15	55	51	+6	Z	0	0	#	b	#	57	46	-		
	Wisby ...	29.77	53	S	2	b	29.85	+1.14	63	53	+6	S	2	0	#	b	#	63	48	0.12		
	Karlstad ...	29.83	53	SSW	4	b	29.88	+1.05	59	50	+6	S	4	0	#	b	#	63	48	-		
		29.70	54	S	2	bc	29.78	+1.08	55	50	+2	SE	4	0	#	bc	#	#	#	-		
	Bodo ...	29.68	55	E	4	b	29.74	+1.27	51	48	-5	Z	0	0	0	b	#	59	48	-		
	Christiansund ...	29.52	53	ENE	3	bc	29.69	+1.46	51	47	-3	NE	3	0	2	bc	#	54	46	-		
	Skudesnaes ...	29.58	53	SSE	2	c	29.69	+1.15	51	49	+2	NE	2	0	2	c	#	54	45	#		
	Færder (Christiania Fjord)	29.64	54	S	3	o	29.71	+1.15	54	53	+1	ESE	2	0	2	o	#	55	52	-		
	Skagen (The Seaw)	29.65	55	SSE	1	bc	29.65	-0.03	55	53	+5	SE	3	0	0	bc	#	59	45	0.28		
	Fanø ...	29.48	53	ESE	6	c	29.49	-0.21	55	54	0	ESE	4	0	#	c	#	57	50	0.16		
	Sumburgh Head	29.50	48	NW	3	bc	29.74	+1.35	43	41	-5	NW	2	0	4	bc	#	52	41	0.05		
	Stornoway ...	29.69	50	NW	4	b	29.88	+1.36	46	45	-1	N	2	0	2	r.c.p.b	11.0	54	41	0.05		
	Wick ...	29.63	49	N	6	o	29.84	+1.35	51	46	0	N	4	0	3	o	#	55	39	0.03		
Nairn ...	29.62	51	NW	3	bc	29.87	+1.37	48	46	-2	NW	2	0	2	bc	#	56	40	0.05			
Aberdeen ...	29.58	50	N	4	cq	29.88	+1.38	47	42	0	NW	3	0	3	q.r.c.q.p	1.0	52	42	0.07			
BRITISH ISLANDS.	Leith ...	29.57	52	NW	2	o	29.92	+1.46	54	47	+6	N	1	0	bc	#	o	#	54	41	0.20	
	Shields ...	29.48	45	N	5	r	29.90	+1.50	49	44	+2	NW	3	0	3	a.r	#	49	42	0.41		
	Spurn Head ...	29.32	49	NW	8	r.q	29.84	+1.46	49	46	-6	NW	6	0	6	o.q.p.r	#	61	45	0.35		
	York ...	29.43	45	NW	4	r	29.90	+1.53	51	46	0	N	3	0	#	o	0	56	43	0.62		
	Loughborough ...	29.51	48	NW	6	o	29.95	+1.53	53	46	-5	NW	4	0	bcq	#	o.q.p.cq	#	62	45	0.01	
	Ardrossan ...	29.63	52	NW	4	b	29.95	+1.52	52	48	+4	NW	3	0	2	o.b	#	52	45	0.02		
	Malin Head ...	29.76	48	NW	5	bc.p	29.96	+1.42	50	47	+5	N	1	0	0	b.b.c.p	#	50	43	0.13		
	Belmullet ...	29.96	53	NW	4	b	29.98	+1.31	51	49	+3	SSW	3	0	#	b.c.b	#	54	45	0.03		
	Donaghadee ...	29.72	53	NW	7	b	30.01	+1.61	51	48	+4	W	5	0	3	b	#	55	43	0.07		
	Liverpool (Bidston)	29.62	47	NW	6	r	29.99	+1.66	50	45	-5	NW	5	0	5	p	#	55	46	0.18		
	Holyhead ...	29.72	51	NW	7	bc	30.04	+1.70	52	50	-1	NW	4	0	3	bc	#	55	46	0.01		
	Parsonstown ...	29.88	53	NW	3	r	30.05	+1.55	51	49	+1	SW	1	0	#	c.q.p	6.7	57	40	0.02		
	Valencia ...	30.02	53	NW	6	cq	30.04	+1.28	50	49	-3	SSE	4	0	4	c.q.p.cq	9.8	56	48	0.08		
	Roche's Point ...	29.93	55	NW	6	b	30.12	+1.56	52	50	-2	N	1	0	2	b.p	#	58	48	0.04		
	Pembroke (St. Ann's Hd.)	29.82	54	NW	5	bc	30.09	+1.62	51	49	-3	NW	5	0	5	bc	6.3	56	48	-		
GERMANY & HOLLAND.	Seilly ...	29.92	57	NW	7	bc	30.18	+1.51	56	53	-1	NW	3	0	2	bc	7.6	60	52	0.01		
	Prawle Point ...	29.81	54	NW	5	b	30.16	+1.56	54	50	0	NW	4	0	2	b	#	58	45	-		
	Jersey (St. Aubin's)	29.82	59	NW	6	b	30.16	+1.41	55	49	-4	NW	4	0	4	o.q.r.b.p	#	59	51	0.03		
	Hurst Castle ...	29.70	56	NW	5	c	30.06	+1.48	56	51	-2	NW	5	0	3	e	#	60	48	0.04		
	Dungeness ...	29.45	58	WSW	7	c	29.94	+1.34	55	48	+1	NW	6	0	5	c	#	60	45	-		
	North Foreland	29.43	61	SW	6	q.r.h	29.89	+1.29	52	46	-3	NW	7	0	5	o.r.q.h	#	64	45	0.04		
	London (Brixton) ...	29.53	54	NW	5	oq	29.97	+1.43	53	47	-6	NW	4	0	#	o.p.b	1.7	65	45	0.01		
	Oxford ...	29.67	51	NW	5	c	30.02	+1.54	50	45	-9	NW	4	0	#	c.q.p	#	61	43	0.02		
	Cambridge ...	29.47	52	NW	5	o	29.93	+1.45	52	47	-5	NW	4	0	#	c.q.p	4.0	66	45	0.07		
	Yarmouth ...	29.31	54	W	5	o.r.q	29.76	+1.25	48	45	-5	NW	7	0	6	kl.r.cq	#	61	44	0.85		
	FRANCE & BELGIUM.	Cuxhaven ...	29.58	52	S	4	r	29.49	-0.31	53	51	+1	S	5	0	bc	#	p	#	59	52	0.20
		Berlin ...	29.77	61	SSE	2	c	29.61	-0.36	59	55	+5	SSE	3	0	#	c	#	66	54	0.04	
		Wiesbaden ...	#	#	#	#	#	29.75	-0.26	52	48	+3	SW	5	0	#	#	#	59	48	0.16	
		Munich ...	29.89	58	SW	3	o	29.88	-0.22	46	44	-5	SW	5	0	#	o	#	64	45	0.28	
		The Helder ...	29.35	56	SW	4	o	29.45	-0.24	56	53	+4	NW	3	0	5	o	#	59	52	0.12	
FRANCE & BELGIUM.	Brussels ...	#	#	#	#	#	29.77	-0.05	44	44	-6	N	6	0	#	o	#	62	43	0.59		
	Cape Gris Nez ...	29.49	55	N	7	o	29.85	+1.16	51	47	-1	NW	6	0	7	o	#	57	45	0.04		
	Paris ...	29.71	61	N	4	o	30.02	+1.11	53	48	-1	NW	3	0	#	tl.r.o	#	67	48	0.43		
	Brest ...	30.00	57	NW	5	bc	30.22	+1.50	55	51	-3	NW	3	0	3	bc	#	61	50	-		
	Lorient ...	29.46	59	NW	6	c	30.22	+1.34	54	51	-5	NW	4	0	4	c	#	66	50	-		
FRANCE & BELGIUM.	Rochefort ...	29.99	64	NW	5	c	30.20	+1.17	57	55	-4	NW	5	0	bc	#	r.c	#	66	55	-	
	Belfort ...	29.91	54	WSW	5	o	30.03	+1.01	46	44	-4	N	6	0	#	o	#	63	45	0.08		
	Lyons ...	29.98	61	E	1	o	30.12	+1.05	54	50	-5	NW	2	0	bc	#	o	#	70	49	0.04	
	Nice ...	29.88	69	SW	1	bc	29.76	-1.10	66	59	-1	Z	0	0	1	bc	#	81	57	-		
	Perpignan ...	29.99	78	N	1	bc	30.13	+1.05	64	57	-3	NW	5	0	#	bc	#	86	54	-		
FRANCE & BELGIUM.	Biarritz ...	30.10	66	N	4	o	30.24	+1.18	60	57	-2	NW	5	0	r	4	o	#	72	57	0.12	
	Corunna ...	#	#	#	#	#	29.77	-0.05	44	44	-6	N	6	0	#	o	#	62	43	0.59		
PENIN- SULA.	Lisbon ...	30.06	71	NW	5	b	30.07	+1.03	74	64	+3	N	1	0	b	#	b	#	88	68	-	
	Azores (P. Delgada)	30.38	64	NE	4	bc	30.35	-0.01	65	63	0	NE	4	0	2	bc	#	70	63	-		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport... 0.0 hrs;

WEATHER CHARTS

FOR *Saturday, 19th June, 1897.*

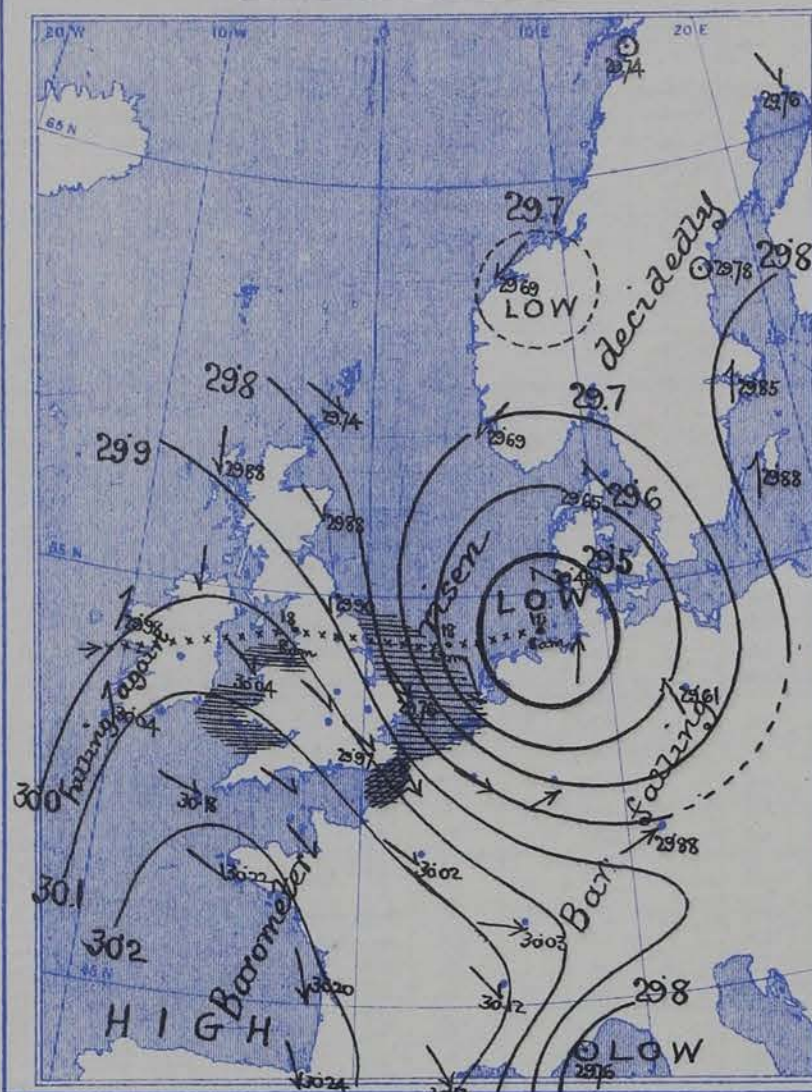
BAROMETER, WIND AND SEA.

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

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

Force above 10 →→→ ; Force 5 to 7 →→→ ; Force 1 to 4 →→→ ; Calm ○

SEA—Rough ≡≡≡ ; High ≡≡≡

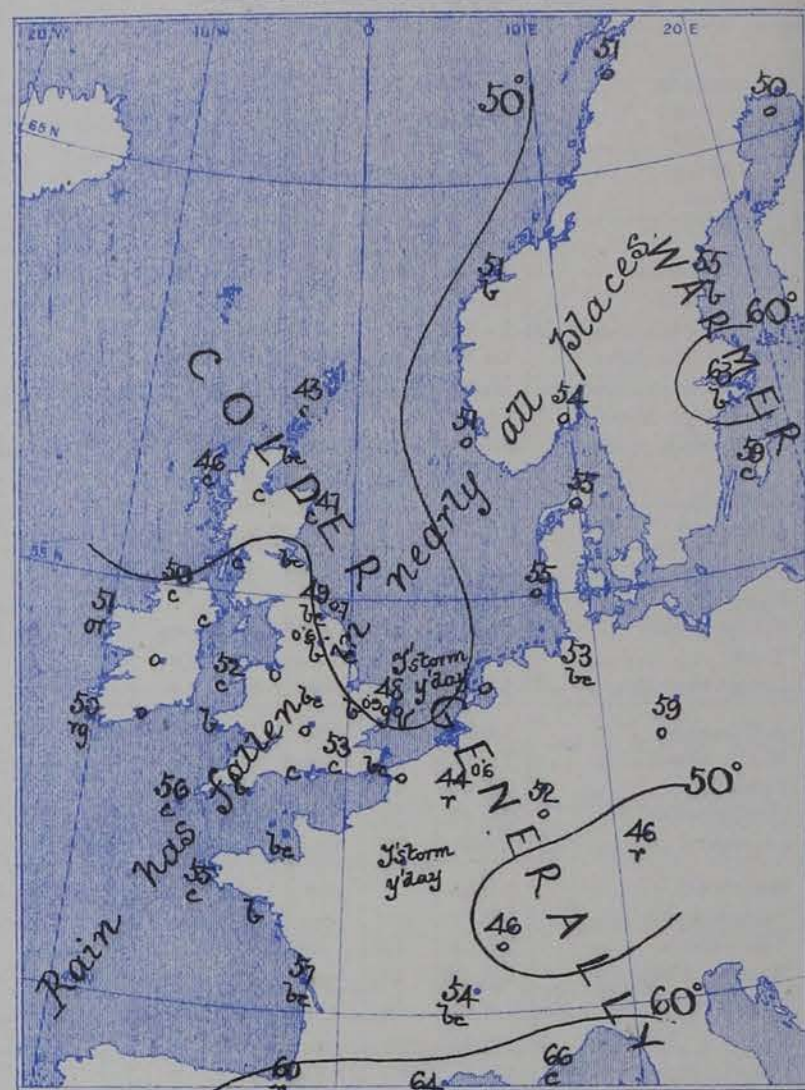


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in. and more over the Bay of Biscay and extending 300 mi. in a ridge spreading northwards over our western coast.
 Lowest, 29.5 in. in a depression lying off the mouth of the Elbe.
 Gradients still rather steep for NW winds over the eastern half of England, but have become favourable for S winds in the west of Ireland.
 Barometer falling decidedly at Helmsleet and Valencia, rising at the eastern and northeastern stations.

TEMPERATURE

Highest, 77.4° at Lisbon, 66° to 60° in the south and southwest of France, 56° at Hunt Castle, 52° to 50° in the south of Ireland (7) 63° at Stockholm.
 Lowest, 43° at Lumburg Head, 46° at Hornoway, 47° at Aberdeen.
 It rose during yesterday to between 66° and 60° in many parts of our Islands, to 66° at Berlin, 67° at Paris, and to 81° at Nice and 86° at Perpignan.

WIND

(1) NW over England - moderate at the western stations, strong to a gale in the east, but SW to S over the Netherlands, SE in Denmark.
 (2) W to S over Ireland, and inclined to freshen at Valencia.
 The gale in the English Channel has subsided - apparently only as a temporary change.

WEATHER

Showery over the Netherlands, squally along our southern coast, fair over the greater part of England; dull and rainy in the west of Ireland.
 Thunderstorms have occurred at Paris and Yarmouth; much rain has fallen on our northeast and east coast, and smaller quantities elsewhere.
 Bright Sunshine recorded yesterday was - at Southport none, in London only 1.7 hrs; more in the west as a whole, 10.0 hrs at Valencia and 11 hrs at Hornoway.

SEA

High at Cape Fin Neg. still rough in the Channel generally and off our east and northeast coast, moderate to slight in the northwest and west.



PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance is very unsettled: further disturbances are coming on from the Atlantic.

FORECASTS

For the 24 hours ending at NOON on 20th JUNE 1897.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Wind shifting to the S ² and increasing with rainy, squally weather.	6 SCOTLAND WEST	SW ² winds, increasing greatly in force; squally, rainy.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.	NW ¹ winds, falling light, with fine weather; probably backing to SW. later, and increasing, with rain.	8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	The South Cone is still flying in districts 3. and 5 to 10.
5 ENGLAND SOUTH			
		WARNINGS	

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	29.60	54	49	SSW	4	c	4	Valencia	29.94	56	53	NW	7	bcq	6
Sumburgh Head	29.46	49	44	W	3	bc	4	Scilly	29.82	58	55	NW	7	bc	4
Stornoway	29.61	54	53	H	4	c	4	Jersey	29.75	59	55	H	7	o	5
Aberdeen	29.53	49	47	NE	2	cp	1	Hurst Castle	29.55	59	57	WSW	5	c	4
Shields	29.39	46	46	NNE	5	r	4	Dungeness	29.47	59	56	SW	7	c	6
Ardrossan	29.54	52	50	NW	4	o	2	North Foreland	29.47	62	57	SSW	6	o	5
Malin Head	29.66	50	46	NW	5	b	3	London (Westminster)	29.45	64	58	WSW	3	c	#
Belmullet	29.87	54	50	NW	4	bc	*	Yarmouth	29.35	61	56	WSW	4	c	4
Holyhead	? 29.50	51	47	NW	8	cq	6	Rochefort	30.00	61	61	WSW	5	r	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning very unsettled over the British Islands and western Europe, as well as over Poland and the eastern parts of Austria-Hungary. Fine and bright over Russia and the extreme southeast and south of Europe. Rain falling later over the British Islands generally - heavily on the northeast and east coasts; thunderstorms occurring at Yarmouth and Paris; equally conditions prevailing over England and the north of France generally, but weather clearing up in Ireland.

Temperatures changing very fitfully - much lower over Central Europe than on Thursday. Morning readings highest 78° at Berlin and Longjumeau, and exceeding 70° at many of the Mediterranean and Spanish stations, as well as over Turkey and over Russia; 65° at Moscow, 60° at Riga and Helmsfors; (2) 53° at Jersey, London and Oxford, 54° at Pembroke and Rock Point. Lowest (1) 45° at Malin H., 47° at Dovregade, Tromsø, Shields, and Aberdeen; (2) 47° at Archangel. Rising later to between 50° and 55° at the Scotch stations, to between 60° and 66° over England, to 66° at Berlin, 67° at Paris, 86° at Kopenhagen. Successive night cold over United Kingdom.

Wind light and very variable over Spain, the southwestern and central parts of France, and both Germany; also over Russia and Finland. Fresh to a gale from N. and NW. in Ireland, and from between W. and S. over England, the Channel, and north of France; S. over the Netherlands, SW. over the southern parts of Scandinavia. A separate and rather complex cyclonic circulation prevailing over the northern parts of the Mediterranean, Italy, and the Adriatic. N. and NW. gales spreading over England later, but subsiding in Ireland.

Barometer highest 30.0 in. and more over Spain the southwest of France, and several parts of Central Europe, and exceeding 29.9 in. over southeastern Europe. Lowest below 29.3 in. in a small depression near Christianund, below 29.4 in. in another and well marked system lying over the Irish Sea - the gradients being steep over Ireland, the south of England, and the north of France. Latter system moving eastwards later, and barometer rising very quickly in its rear.

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.

N.B. - The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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„ Weekly „ „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Sunday 20th June, 1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 3.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
				At 32° and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day	Dry Bulb.	Wet Bulb.	Change since Yester- day				Dir.	Force (0 to 12.)	Max.	Min.	Rainfall.
SCANDINAVIA.		Ins.					Ins.	Ins.	°	°	°						°	°	Ins.		
Haparanda ...	29.75	50	W	2	0	29.91	+ .15	53	50	+ 3	2	0	c	*	0	*	53	43	0.18		
Hernösand ...	29.83	56	2	0	c	29.95	+ .17	61	53	+ 6	WSW	4	0	c	*	66	41	—			
Stockholm ...	29.77	55	S	2	b	29.98	+ .13	63	52	0	ESE	4	b	*	66	50	—				
Wisby ...	29.95	53	SSE	4	b	29.91	+ .03	63	56	+ 4	SE	4	b	*	66	45	—				
Karlstad ...	29.86	56	NE	1	0	29.89	+ .11	58	50	+ 3	SE	2	b	*	0	*	*	0.04			
Bodö ...	29.84	53	2	0	b	29.89	+ .15	62	53	+ 11	E	2	b	1	b	*	62	48	—		
Christiansund ...	29.86	49	ENE	2	r	29.82	+ .13	52	49	+ 1	ENE	4	c	3	r	*	52	46	0.12		
Skudesnaes ...	29.79	48	N	4	r	29.72	+ .03	50	49	— 1	N	4	r	4	r	*	54	48	*		
Færder (Christiania Fjord)	29.82	57	NNE	2	0	29.82	+ .11	60	57	+ 6	ESE	2	bc	2	0	*	61	54	—		
Skagen (The Scaw)	29.80	59	ESE	1	0	29.80	+ .15	58	56	+ 3	SE	3	c	0	0	*	68	54	—		
Fanö ...	29.74	55	W	2	c	29.74	+ .25	57	55	+ 2	WSW	2	c	*	c	*	64	55	0.08		
Sumburgh Head	29.80	49	W	2	b	29.79	+ .05	50	45	+ 7	2	0	b	2	b	*	51	40	—		
Stornoway ...	29.74	52	S	3	c	29.76	— .12	51	50	+ 5	2	0	b	0	c	8.0	52	43	—		
Wick ...	29.80	49	S	2	bc	29.80	— .04	51	49	0	S	2	b	2	bc	*	54	46	0.01		
Nairn ...	29.73	54	E	1	c	29.76	— .11	49	46	+ 1	E	1	bc	1	c	*	57	43	—		
Aberdeen ...	29.84	47	SE	3	c	29.80	— .08	51	47	+ 4	E	2	bc	1	c	8.4	56	45	—		
Leith ...	29.79	54	W	2	0	29.77	— .15	46	45	— 8	ENE	3	0	*	0	*	58	43	0.47		
Shields ...	29.88	48	SSE	3	0	29.63	— .27	47	47	— 2	E	3	r	3	0	*	53	44	0.34		
Spurn Head ...	29.90	49	SE	3	c	29.59	— .25	53	53	+ 4	2	0	0	3	c	*	53	48	0.34		
York ...	29.90	55	WSW	1	c	29.61	— .29	55	53	+ 4	N	1	0	*	c	8.3	59	45	0.48		
Loughborough ...	29.94	55	W	2	0	29.64	— .31	53	51	0	W	3	0.2p	*	cq. or p	*	61	47	0.22		
Ardrossan ...	29.75	50	SSE	4	op	29.75	— .20	50	48	— 2	NNE	3	0	1	0	*	51	43	0.12		
Malin Head ...	29.84	47	SE	6	r	29.79	— .17	50	48	0	NNW	3	c	2	r	*	54	44	0.70		
Belmullet ...	29.51	55	WSW	5	0	29.89	— .09	54	52	+ 3	NNW	1	0	*	0	*	56	47	0.47		
Donaghadee ...	29.72	47	SE	6	r	29.75	— .26	49	48	— 2	NNE	6	c	4	r	*	55	45	0.53		
Liverpool (Bidston)	29.86	49	S	1	r	29.61	— .38	52	51	+ 2	W	5	0	4	r	*	55	47	0.41		
Holyhead ...	29.78	49	S	5	rgm	29.72	— .32	51	49	— 1	NN	8	og	6	r	*	56	47	0.46		
Parsonstown ...	29.63	57	W	3	r	29.87	— .18	54	50	+ 3	NN	2	0	*	or, o	0.3	57	48	0.24		
Valencia ...	29.77	57	SW	6	rmw	29.95	— .09	55	53	+ 5	W	3	0	5	r	0.0	58	49	1.17		
Roche's Point ...	29.78	54	NNW	4	0	29.94	— .18	55	52	+ 3	NNW	4	c	4	0	*	58	49	0.60		
Pembroke (St. Ann's Hd.)	29.81	52	SW	5	r	29.84	— .25	54	51	+ 3	NN	6	bcg	5	r	3.0	55	50	0.37		
Scilly ...	30.00	55	SW	5	r	29.93	— .25	57	56	+ 1	NNW	5	ap	4	r	5.0	61	51	0.42		
Prawle Point ...	30.05	51	SW	5	r	29.83	— .33	55	53	+ 1	NNW	6	bc	5	r, f	*	56	51	0.72		
Jersey (St. Aubin's)	30.14	56	W	4	og	29.90	— .26	58	56	+ 3	W	6	ogm	5	or, q	*	59	53	0.67		
Hurst Castle ...	30.05	54	WSW	6	op	29.78	— .28	58	55	+ 2	WSW	4	0	3	eu, p, q	*	64	51	0.36		
Dungeness ...	29.97	58	WSW	6	c	29.69	— .25	59	56	+ 4	W	6	c	5	bc, c	*	67	50	0.20		
North Foreland	30.00	59	NN	3	c	29.67	— .22	60	57	+ 8	W	3	0	2	bc, c	*	62	47	0.27		
London (Brixton) ...	29.99	58	WSW	2	0	29.69	— .28	54	50	+ 1	W	3	0	*	c, or, q	7.7	64	48	0.18		
Oxford ...	29.92	49	S	2	r	29.70	— .32	55	52	+ 5	W	3	og	*	r	*	60	48	0.26		
Cambridge ...	29.95	58	SW	2	0	29.65	— .28	58	54	+ 6	W	3	og	*	bc, o	11.2	62	47	0.32		
Yarmouth ...	29.94	54	N	2	bc	29.59	— .17	55	54	+ 7	W	3	or	4	bc	*	55	47	0.23		
Cuxhaven ...	29.72	55	2	0	0	29.72	+ .23	53	?	0	NN	3	r	*	0	*	55	45	0.12		
Berlin ...	29.78	57	SSW	2	b	29.78	+ .17	52	49	— 7	SSE	1	0	*	b	*	66	49	0.04		
Wiesbaden ...	*	*	*	*	*	29.93	+ .18	50	47	— 2	SW	1	r	*	*	*	57	47	0.25		
Munich ...	30.09	45	SW	5	0	30.02	+ .14	53	48	+ 7	W	5	bc	*	0	*	57	45	0.20		
The Helder ...	29.86	52	NN	5	0	29.72	+ .27	50	49	— 6	S	1	r	2	0	*	57	48	0.16		
Brussels ...	*	*	*	*	*	29.69	— .16	56	55	+ 5	NNW	5	r	5	0	*	57	43	0.51		
Cape Gris Nez ...	29.97	55	NNW	6	0	29.88	— .14	54	53	+ 1	SW	2	r	*	b	*	64	50	—		
Paris ...	30.13	59	NN	3	b	30.02	— .20	57	56	+ 2	W	3	0	4	0	*	63	52	0.39		
Brest ...	30.21	57	WSW	4	0	29.99	— .23	58	58	+ 4	NNW	5	f	5	c	*	66	48	0.08		
Lorient ...	30.20	58	W	5	c	29.99	— .23	58	58	+ 4	NNW	5	f	5	c	*	66	48	0.08		
Rochefort ...	30.25	62	NN	4	b	30.06	— .14	59	59	+ 2	WSW	5	r	*	b	*	66	57	0.12		
Belfort ...	30.12	56	W	4	0	30.05	+ .02	46	45	0	SW	2	r	*	0	*	58	45	0.08		
Lyons ...	30.19	62	NN	2	bc	30.12	— .00	51	49	— 3	S	1	r	*	bc, v	*	66	46	—		
Nice ...	29.77	71	SE	6	c	29.93	+ .17	69	53	+ 3	2	0	c	0	c	*	?	61	—		
Perpignan ...	30.11	72	NN	5	b	30.13	— .00	63	56	— 1	2	0	c	*	b	*	78	52	—		
Biarritz ...	30.25	66	NN	3	b	30.13	— .11	63	57	+ 3	S	2	c	2	b	*	72	52	—		
Corunna ...	30.77	64	N	6	b	30.22	— .07	61	59	+ 5	NN	1	bc	2	b	*	64	54	—		
Lisbon ...	30.01	81	NNW	4	b	30.04	— .03	82	62	+ 8	NNE	5	b	*	b	*	93	74	—		
Azores (P. Delgada)	30.30	64	NE	3	bc	30.29	— .06	65	63	0	NNE	2	0	2	bc	*	72	63	—		

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 7.2 hrs.

WEATHER CHARTS

FOR SUNDAY, 20TH JUNE, 1897.

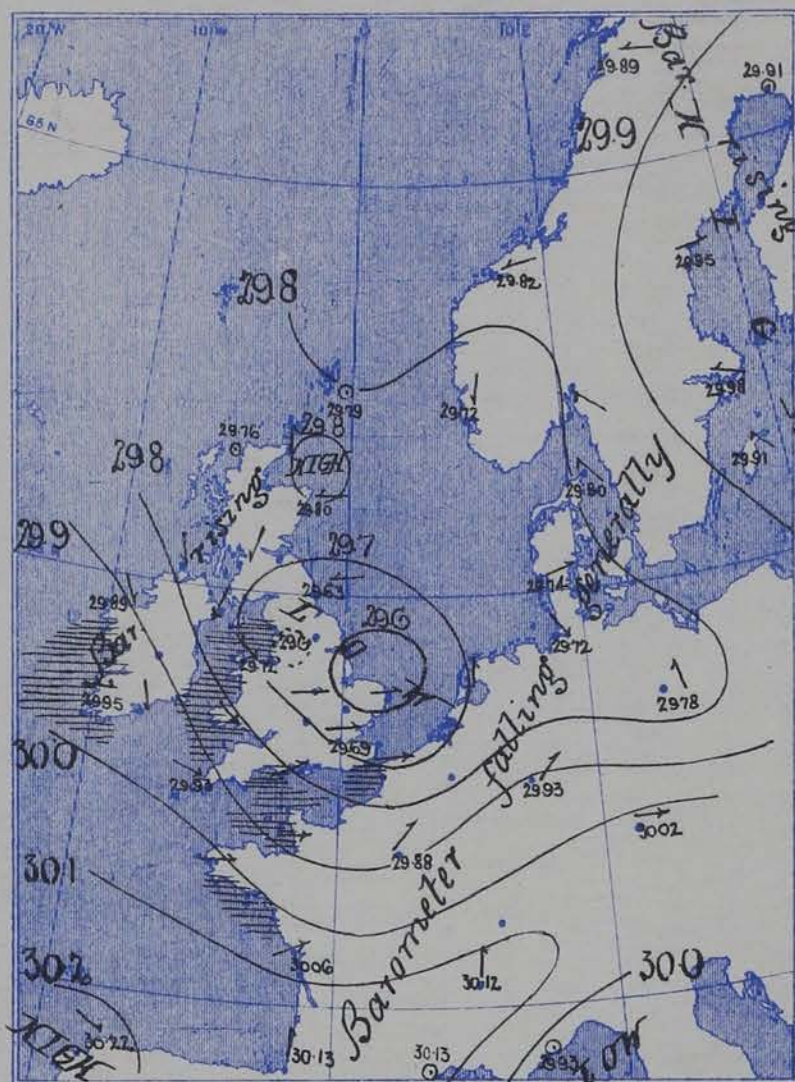
BAROMETER, WIND AND SEA.

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 ≡≡≡

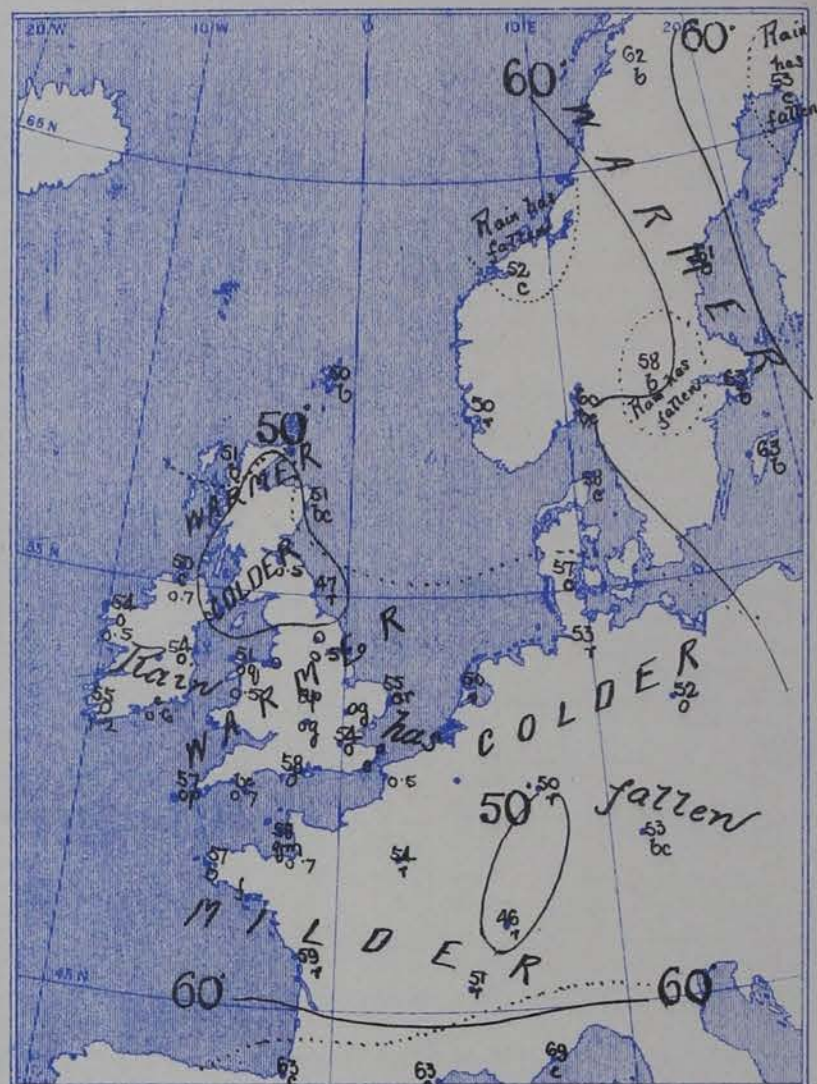


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.29 in. at C. Biscaya (Agnes), 30.22 in. at Corunna, and exceeding 30.0 in. all over the Bay of Biscay, the southern half of France and several parts of Austria; above 29.9 in. over Sweden and the Gulf of Bothnia.

Lowest, Below 29.6 in. in a complex depression covering the north of England, Lincolnshire, Norfolk, and the adjacent part of the North Sea, and below 29.8 in. over North Germany.

Gradients rather steep for NW winds over our western districts, and for W winds in the south; slight and irregular elsewhere.

Barometer rising over Northern Europe and also on our western coasts, falling elsewhere.

TEMPERATURE

Highest 82° at Linton, and 69° to 63° at the stations in the south and southwest of France; 63° at Wistby and Stockholm, 61° at Helsingfors.

Lowest, 46° at Leith, 47° at Shields, 49° at Naim, 50° at Andersson and at Lumburg Head.

The maxima recorded yesterday exceeded 60° over our southern and Midland Counties, and touched 67° at Dungeness.

At Berlin the maximum was 66°, at Paris 64°, at Paphos 78°.

WIND

Light from E. or NE. at our northern stations, N to NW in the west, and blowing hard at Holyhead, and a strong breeze at Donaghadee and Combroke, W, and strong in the Channel, and moderate over our eastern coasts.

A moderate gale has been felt over the English during the night.

WEATHER

Fine and bright in Scotland, dull and squally in the west and south, and showery at some of our midland and northern stations, rainy over France and the Netherlands.

Rain has fallen very generally during the preceding 24 hours - heavily on our west and southwest coasts, especially at Kilmory, where the fall exceeded 1 in.; and squally weather has prevailed in those regions generally.

Bright Sunshine recorded yesterday was 11.2 hrs at Cambridge, about 8 hrs at Stromway, Aberdeen, York, and London, 5.0 hrs at Seilly, 3 hrs at Pembroke, none at Kilmory (Ireland.)

SEA

Rough at the eastern, southwestern, and southern stations, slight in the northeast, smooth in the north.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 21st June 1897.

DISTRICTS.

FORECASTS.

- †0 SCOTLAND NORTH
- †1 SCOTLAND EAST
- †2 ENGLAND N.E.
- †3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- † 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

At 3.30 pm yesterday to districts 6, 7, 9, and 10 and at 7.10 pm to districts 0, 1, 2, 3, 5, and 8 "Hoist South Cone"

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	29.79	53	50	N	4	o	3	Valencia	29.83	57	57	SW	4	rg	5
Sumburgh Head	29.81	49	44	W	2	b	4	Scilly	30.10	59	57	SSW	4	o	2
Stornoway	29.84	51	51	SW	3	r	3	Jersey	30.20	58	51	WNW	5	bc	4
Aberdeen	29.89	54	48	E	4	bcg	3	Hurst Castle	30.09	60	54	WSW	5	cu	3
Shields	29.93	50	45	NNE	3	c	3	Dungeness	30.01	65	53	WNW	6	bc	5
Ardrossan	29.85	51	49	SSE	2	o	2	North Foreland	30.00	62	52	NW	6	bc	5
Malin Head	29.80	49	48	S	3	r	1	London (Westminster)	30.03	63	53	W	3	c	#
Belmullet	29.65	51	51	S	4	or	#	Yarmouth	29.94	55	45	NW	4	bc	5
Holyhead	29.99	52	50	SW	3	rgm	2	Rocheport	30.26	64	58	NW	4	b	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fair or fine over our Islands as a whole, but dull and raining in the west of Ireland. Dull over all the more central parts of the Continent, as well as in the south of France, with rain in several places; fine in Spain and the northern and central parts of France, as well as at many of the Scandinavian stations. Rain spreading later from the westward over all but the extreme northern parts of our Islands, and also over the neighbouring Continental countries, — amounts large at many of our western stations.

Temperature fallen in England, France, and the Netherlands, changed rather irregularly elsewhere. Morning readings highest 81° at Lfat, 79° at San Fernando, and 77° at Sangüinaria and Algiers; above 70° in many parts of southern and southeastern Europe. Lowest (1) 43° at Sumburgh Head, 46° at Stornoway, and 47° at Aberdeen, (2) 49° at Archangel and Kiepsio. Daily maxima below 55° at many of our more northern stations, but thermometer exceeding 60° in the central and southern districts, and reaching 67° at Dungeness. Exceeding 70° in the south of France and rising as high as 93° at Lisbon.

Wind NW over the greater part of our Islands and France, and strong to a gale in force on our east and southeast coasts; S in the west of Ireland, SW over Western and Southern Germany, S or SE over Eastern Germany, Denmark, and the south of Sweden; E or NE over the southern parts of Norway. Variable in Russia; light from the E in Austria, and from the N at most of the Spanish stations. Subsequently backing to the SW in the south of our Islands, and increasing to a moderate gale; shifting to the SE in Scotland.

Barometer highest 30.2 in: and upwards in an anticyclone over the Bay of Biscay and the north of Spain. Lowest, 29.5 in: and less, in a well marked depression over the southeastern corner of the North Sea; 29.7 in: and less in shallow systems lying respectively over the west of Norway and Northern Russia; 29.8 in: and less, in a large disturbance over Northern Italy. North Sea depression subsequently moving eastwards; new and well marked disturbance appearing off the northwest of Ireland.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on *Monday, 21st June,* 1897.
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
		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.	Rainfall.		
		Ina.	°				Ina.	Ina.	°	°	°						°	°	Ina.		
SCANDINAVIA.	Haparanda ...	30.01	55	SE	0	c	30.10	+1.9	60	54	+7	S	2	b	#	c	#	63	46	-	
	Hernösand ...	30.00	53	S	2	b	30.07	+1.2	59	51	-2	SE	0	b	#	b	#	66	46	-	
	Stockholm ...	29.97	56	E	2	b	29.96	-0.02	61	53	-2	E	4	0	#	b	#	66	50	-	
	Wisby ...	29.86	55	E	4	c	29.88	-0.03	61	56	-2	E	4	0	#	c	#	68	46	-	
	Karlstad ...	29.93	64	SE	2	b	29.97	+0.08	63	55	+5	SE	4	b	#	b	#	#	#	-	
	Bodö ...															#					
	Christiansund ...	29.90	53	NE	1	r	29.85	+0.03	53	52	+1	H	1	0	2	r	#	54	52	0.20	
	Skudesnaes ...	29.90	55	NW	3	0	29.94	+0.22	52	50	+2	SW	4	0	2	0	#	61	45	#	
	Færder (Christiania Fjord)	29.89	62	NNE	1	c	29.98	+1.6	60	55	0	ENE	1	b	1	c	#	63	59	-	
	Skagen (The Scaw)	29.89	58	H	1	b	29.96	+1.6	59	54	+1	E	1	b	0	b	#	68	54	-	
Faro ...	29.86	56	NW	4	c	29.93	+1.9	53	54	+2	NW	4	0	#	c	#	64	52	-		
	Sumburgh Head	29.89	52	S	1	b	29.60	-1.9	50	49	0	S	3	0	3	b	#	54	42	0.01	
	Stornoway ...	29.78	57	WSW	4	0	29.55	-2.1	54	53	+3	WSW	6	0	6	b.c.	#	59	48	0.02	
	Wick ...	29.85	55	S	4	c	29.63	-1.7	58	55	+7	SSW	4	b	2	c	#	58	50	-	
	Nairn ...	29.82	58	SE	0	b	29.63	-1.3	63	58	+14	H	3	b	1	b	#	63	47	-	
	Aberdeen ...	29.93	49	SSW	2	b	29.75	-0.05	50	53	+5	SSW	4	cq	3	b.c.	#	56	48	0.03	
	Leith ...	29.93	50	E	3	0	29.78	+0.01	60	59	+14	WSW	3	0	#	0	#	62	44	0.06	
	Shields ...	29.96	48	NE	1	0	29.87	+1.24	54	53	+7	SSW	2	op	2	a.0	#	54	46	0.16	
	Spurn Head ...	29.92	53	ENE	3	c	29.98	+3.9	58	56	+5	SW	3	0	3	c	#	58	50	0.01	
	York ...	29.95	55	E	1	0	29.96	+3.5	57	54	+2	S	1	0	#	0	#	57	49	0.04	
	Loughborough ...	29.96	55	NW	3	0	30.03	+3.9	61	57	+8	WSW	4	ou	#	om.c	#	61	46	-	
BRITISH ISLANDS.	Ardrossan ...	29.90	53	SE	0	0	29.82	+0.7	58	57	+8	WSW	4	b	3	om	#	58	48	0.30	
	Malin Head ...	29.83	58	S	4	0	29.75	-0.04	55	52	+5	H	6	or	4	b.c.	#	60	49	0.24	
	Belmullet ...	29.83	55	SSW	5	0	29.89	-0.0	57	55	+3	WSW	4	c	#	0.0r	#	57	52	0.31	
	Donaghadee ...	29.94	52	SSW	4	0	29.87	+1.2	61	58	+12	H	5	b	3	0	#	61	46	0.06	
	Liverpool (Ridston)	29.99	52	H	3	c	29.97	+3.6	63	58	+11	SW	3	0	3	r.c	#	63	50	-	
	Holyhead ...	29.99	54	H	1	b	29.97	+2.5	56	55	+5	SW	4	cf	3	b	#	56	49	-	
	Parsonstown ...	29.95	59	SE	0	r	29.96	+0.9	60	58	+6	H	2	0	#	or	#	62	53	0.04	
	Valencia ...	29.95	57	SSW	3	0	30.05	+1.0	58	58	+3	SW	3	g.m.r	4	om.d	#	60	54	0.05	
	Roche's Point ...	30.02	57	SW	3	c	30.05	+1.1	56	54	+1	SW	3	0	3	b.c	#	63	52	-	
	Pembroke (St. Ann's Hd.)	30.04	57	NW	4	b	30.09	+2.5	55	55	+1	H	5	f	4	b	#	57	53	0.01	
	Scilly ...	30.10	59	H	3	c	30.17	+2.4	59	57	+2	SW	4	om	2	c	#	60	55	-	
	Prawle Point ...	30.04	59	NW	4	b	30.18	+3.5	55	55	0	H	4	f	3	c.f.r	#	62	52	0.05	
	Jersey (St. Aubin's)	30.07	60	H	5	b	30.24	+3.4	56	56	-2	SW	3	om.w	3	b.c	#	60	54	-	
	Hurst Castle ...	30.00	63	NW	4	b	30.15	+3.7	58	57	0	WSW	4	op	2	b	#	65	53	-	
	Dungeness ...	29.89	57	NW	5	0	30.13	+1.44	59	54	0	WSW	3	b	2	0	#	62	47	-	
	North Foreland	29.85	57	H	3	0	30.14	+1.47	60	55	0	S	2	b	2	0	#	61	50	-	
	London (Brixton) ...	29.94	56	NW	2	c	30.11	+1.2	60	55	+6	SSW	2	0	#	og.b	#	60	47	-	
	Oxford ...	30.03	56	H	1	b	30.09	+3.9	58	56	+3	SW	4	og	#	c.b	#	60	46	-	
	Cambridge ...	29.93	57	NW	1	0	30.08	+4.3	59	57	+1	SW	3	c	#	oga	#	60	47	-	
	Yarmouth ...	29.84	56	NE	3	c	30.06	+1.47	57	55	+2	SW	3	b	3	c	#	58	50	0.01	
GERMANY & HOLLAND.	Cuxhaven ...	29.87	54	NW	3	0	29.99	+2.7	55	54	+2	NW	4	0	#	op	#	55	52	0.24	
	Berlin ...	29.79	57	WSW	3	b	29.92	+1.4	58	54	+6	H	5	0	#	b	#	63	50	0.16	
	Wiesbaden ...	#	#	#	#	#	30.10	+1.7	56	54	+6	SE	0	0	#	#	#	56	48	0.47	
	Munich ...	29.93	48	SW	4	0	30.12	+1.0	51	51	-2	NW	4	r	#	0	#	55	48	0.35	
	The Helder ...	29.89	55	E	1	0	30.09	+3.7	55	50	+5	H	1	b	1	0	#	55	48	-	
	Brussels ...	#	#	#	#	#	30.15		56	54		NW	1	0	#	0	#	62	49	0.16	
	Cape Gris Nez ...	29.89	56	NW	4	0	30.10	+1.41	56	54	0	H	2	m	2	0	#	57	52	0.04	
	Paris ...	29.98	59	NW	3	0	30.22	+3.4	60	56	+6	NW	1	b	#	0	#	68	54	0.04	
	Brest ...	30.16	57	NW	3	0	30.25	+2.3	57	56	0	NW	2	m	2	0	#	61	52	-	
	Lorient ...	30.14	60	NW	5	b	30.29	+3.0	57	55	-1	SW	2	m	2	b	#	64	52	0.20	
FRANCE & BELGIUM.	Rochefort ...	30.23	63	NW	5	c	30.27	+2.1	58	57	-1	ENE	2	0	#	c	#	?	?	0.04	
	Belfort ...	29.92	53	SW	4	r	30.16	+1.1	53	52	+7	H	2	m	#	r	#	57	46	0.55	
	Lyons ...														#	#	#				
	Nice ...	29.81	66	SE	2	b	29.92	-0.01	66	58	-3	E	1	b	#	b	#	81	54	-	
	Perpignan ...	30.06	74	NW	3	0	30.17	+0.44	66	58	+3	H	3	b	#	0	#	78	61	-	
	Biarritz ...	30.21	64	H	5	r	30.26	+1.3	65	61	+2	NW	3	b	#	r	#	72	61	0.04	
PENIN- SULA.	Corunna ...															#	#				
	Lisbon ...	30.04	85	H	5	b	29.99	-0.05	83	65	+1	NNE	5	b	#	b	#	99	79	-	
	Azores (P. Delgada)	30.26	65	E	1	0	30.21	-0.08	65	61	0	NE	2	c	2	0	#	70	61	-	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport...7.4 hrs;

WEATHER CHARTS

FOR *Monday, 21st June, 1897.*

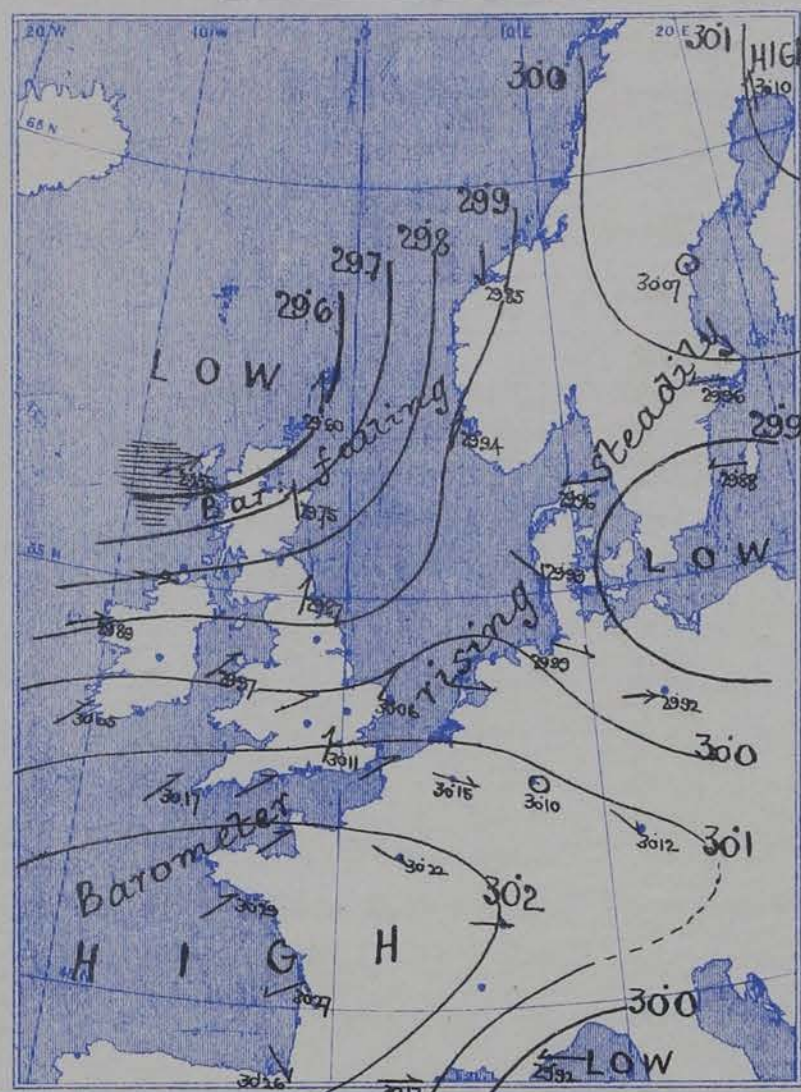
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough \equiv ; High \equiv



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
(Inches.)	°	°	°	°	°		°		(Inches.)			
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in. and more to 30.0 in. in an anticyclone covering the Bay of Biscay, France, and the southern parts of Ireland and England.
Lowest, Below 29.6 in. off the north of Scotland.
Gradients moderate. Barometer rising in the west and south, falling in the far north.

TEMPERATURE

Highest, ^{83° at Lisbon} 66° to 65° on the south and southwest coasts of France, 60° at Paris and in London; about 60° at some of our NW- and N- stations, 60° at Shetland.
Lowest, 50° at Lumbry Head, 52° at Skudenes, 54° at Shields.
The maximums recorded over our Islands yesterday ranged between 60° and 65° as a rule. Berlin 63°, Paris 68° and Nice 81°.

WIND

SW² (S to W) over our Islands - Moderate in most places, but blowing strongly in the Hebrides and at Malin Head.
Very variable in Scandinavia.

WEATHER

Though fine in many places is still changeable as a whole, with showers locally in many districts.
Some rain fell yesterday in the west and north, and a very small quantity in the northeast and east.
Bright Sunshine recorded yesterday was very slight in the east and southeast, but amounted to more than 4 hours both at Southport and Pembroke, and to 11 hrs at Norway.

SEA

Rough in the Minch, moderate on our extreme west and southwest coasts, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north is passing away to the northward the barometer is rising in its rear, and the general appearance is much more favourable for fine warm weather over England than has been observed for more than a week past.

FORECASTS

For the 24 hours ending at NOON on 22nd JUNE 1897.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	SW ² breezes, fresh or strong; squally, showery.
1	SCOTLAND EAST	
2	ENGLAND N.E.	SW ² breezes, moderate; slight showers.
3	ENGLAND EAST	SW ² breezes, moderate; some showers today, fine tomorrow, and warm.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW ² and W ² winds, moderate; some showers, bright intervals.
9	IRELAND NORTH	
10	IRELAND SOUTH	

WARNINGS

At 7.15 pm yesterday to districts 1, 2, and 3 Lower Cone and at 11.30 am today to the remainder of our coasts "Lower Cone."

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Direc.						Dry.	Wet.	Direc.			
Skudesnaes	29.81	61	59	W	1	o	3	Valencia							
Summough Head								Scilly							
Stornoway	29.81	59	58	SSW	1	bc	3	Jersey	30.00	60	56	WNW	7	bc	5
Aberdeen								Hurst Castle							
Shields								Dungeness	29.80	60	52	WNW	5	o	4
Ardrossan								North Foreland	29.80	58	55	W	3	o	2
Main Head	29.88	55	51	WNW	1	bc	1	London (Westminster)							#
Belmullet	29.90	57	55	SSW	2	o	*	Yarmouth							
Holyhead								Rocheport	30.23	66	64	W	5	o	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 13TH TO THE 19TH JUNE 1897.

The weather experienced over Ireland and England during this week has been of a very unsettled character. Depressions have passed, one after another, directly over us, bringing large quantities of rain to all the western and northern districts, and considerable amounts to the south, while in some localities there have been thunderstorms and squalls of hail. Temperature was low—sometimes very low—for the time of year—especially during the latter half of the week, and the winds over England and Ireland have occasionally been very strong from between SW. and NW.

The principal depressions observed were—

- (1) That of the 16th, which reached our western coasts late on Tuesday night, the south of Scotland on Wednesday morning, and the south-west coast of Norway by Thursday.
- (2) That of Friday which reached Ireland late on Thursday, and travelling eastwards, lay over the Irish Sea on Friday, and had reached the southeastern part of the North Sea on Saturday.

At the close of the week there was no decided indication of improvement.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on

Tuesday, 22nd June,

1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			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.
		Inch.	°				Inch.	Inch.	°	°	°						°	°	Inch.		
SCANDINAVIA.	Haparanda ...	28.01	58	Z	0	b	29.70	- .40	59	55	- 1	HW	1	0	#	b	#	70	46	-	
	Hernösand ...	29.99	57	Z	0	0	29.86	- .21	55	52	- 4	SE	3	0	#	0	#	73	41	-	
	Stockholm ...	30.01	55	Z	0	0	29.93	- .03	68	59	+ 7	W	2	c	#	0	#	68	52	-	
	Wisby ...	29.96	54	NE	4	b	29.99	+ .11	57	55	- 4	WNW	4	bc	#	b	#	66	50	-	
	Karlstad ...	29.97	64	S	2	c	29.95	- .02	59	54	- 4	SW	4	b	#	c	#	#	#	-	
	Bodö ...	29.80	55	HW	2	c	29.69	- .11	53	51	- 2	ENE	1	r	1	c	#	66	52	-	
	Christiansund ...	29.79	53	N	1	f	29.78	- .07	55	51	+ 2	N	2	c	3	f	#	55	50	0.16	
	Skudesnaes ...	29.93	51	S	9	0	30.00	+ .06	54	52	+ 2	WSW	2	0	3	of	#	54	45	#	
	Færder (Christiania Fjord)	29.91	60	WSW	3	0	29.97	- .01	57	54	- 3	SW	4	b	3	0	#	63	55	-	
	Skagen (The Scaw)	30.01	54	WSW	2	0	30.06	+ .10	57	55	- 2	W	2	c	0	0	#	72	54	-	
BRITISH ISLANDS.	Fanö ...	30.08	55	W	3	c	30.13	+ .20	57	56	+ 2	W	2	c	#	c	#	59	55	-	
	Sumburgh Head ...	29.62	54	W	4	0	29.84	+ .24	53	51	+ 3	W	4	c	5	0	#	57	45	0.08	
	Stornoway ...	29.71	55	WSW	7	0	29.90	+ .35	53	52	- 1	WSW	5	0	5	c, 0	5.1	57	45	0.06	
	Wick ...	29.75	58	SW	6	c	29.97	+ .34	56	54	- 2	SW	3	bc	2	c	#	66	49	-	
	Nairn ...	29.75	61	W	4	bc	29.95	+ .32	60	56	- 3	W	3	bc	1	bc	#	66	50	-	
	Aberdeen ...	29.82	63	SW	3	b	30.02	+ .27	59	53	+ 3	SSW	2	c	1	bc, b	11.0	70	48	-	
	Leith ...	29.91	61	WSW	4	c	30.04	+ .26	56	55	- 6	SW	1	om	#	c	#	66	52	-	
	Shields ...	29.97	69	WSW	3	c	30.06	+ .19	65	61	+ 11	SW	3	c	2	b, c	#	71	46	-	
	Spurn Head ...	30.04	62	WSW	3	0	30.14	+ .16	63	61	+ 5	SSW	2	bc	2	0, b	#	66	56	-	
	York ...	30.04	67	W	2	c	30.05	+ .09	66	60	+ 9	SW	2	c	#	c	#	69	55	-	
GERMANY & HOLLAND.	Loughborough ...	30.10	69	W	3	c	30.20	+ .17	63	59	+ 2	SW	2	c	#	c	#	72	57	-	
	Ardrossan ...	29.94	57	WSW	4	c	30.01	+ .19	54	54	- 4	NE	1	df	0	bc, c	#	63	51	0.02	
	Malin Head ...	29.92	56	W	5	cm	29.97	+ .22	52	52	- 3	SE	4	rf	2	bc, cm	#	57	51	0.14	
	Belmullet ...	30.00	57	WSW	3	0	29.97	+ .08	57	57	0	WSW	2	om	#	c, 0	#	59	52	0.18	
	Donaghadee ...	30.00	69	WSW	4	c	30.04	+ .17	62	60	+ 1	SW	5	bc	3	c	#	72	55	0.01	
	Liverpool (Bidston)	30.08	63	SW	2	0	30.14	+ .17	64	59	+ 1	SW	2	bc	2	0	#	67	57	-	
	Holyhead ...	30.06	55	SW	3	f	30.13	+ .16	55	55	- 1	SSW	4	df	3	c, f	#	59	52	-	
	Parsonstown ...	30.04	61	Z	0	r	30.06	+ .10	65	61	+ 5	SE	1	bc	#	0, 2	0.3	65	56	-	
	Valencia ...	30.09	59	S	3	om	30.06	+ .01	58	57	0	SSW	4	opm	4	om	0.0	61	54	0.05	
	Roche's Point ...	30.13	58	SW	3	c	30.13	+ .08	55	55	- 1	SSW	3	f	3	c, f	#	63	53	-	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.15	56	SW	4	0	30.18	+ .09	55	55	0	SW	4	fa	4	0	0.0	57	55	0.02	
	Scilly ...	30.21	60	SW	3	0	30.17	- .00	56	55	- 3	S	4	f	4	f, 0	0.7	63	53	0.02	
	Prawle Point ...	30.25	55	W	4	f	30.26	+ .08	53	53	- 2	SSE	3	f	2	f, m	#	62	53	0.02	
	Jersey (St. Aubin's)	30.29	60	WNW	3	bc	30.27	+ .03	61	60	+ 5	SE	2	c	2	e, bc, f, d	#	65	55	0.01	
	Hurst Castle ...	30.19	63	SW	3	bc	30.25	+ .10	60	58	+ 2	SSW	2	om	1	om, bc, f	#	65	53	-	
	Dungeness ...	30.14	58	SW	5	c	30.25	+ .12	55	54	- 4	SW	4	f	3	om, c	#	62	54	-	
	North Foreland	30.15	68	SSW	3	bc	30.26	+ .12	64	61	+ 4	S	3	0	2	bc	#	71	58	-	
	London (Brixton) ...	30.13	69	W	3	0	30.24	+ .13	64	60	+ 4	SW	1	0	#	c, b	4.8	74	59	-	
	Oxford ...	30.18	62	WSW	3	c	30.24	+ .15	60	57	+ 2	WSW	2	0	#	c	#	72	58	-	
	Cambridge ...	30.11	70	W	1	0	30.25	+ .17	61	59	+ 2	SW	1	0	#	c, 0	4.3	74	56	-	
PENIN- SULA.	Yarmouth ...	30.06	70	W	2	c	30.21	+ .15	62	59	+ 5	WSW	1	bc	2	c	#	72	56	-	
	Cuxhaven ...	30.08	54	HW	1	bc	30.17	+ .18	59	58	+ 4	W	3	c	#	bc	#	61	54	-	
	Berlin ...	30.07	63	WNW	3	b	30.19	+ .27	59	53	+ 1	WNW	4	b	#	b	#	70	50	-	
	Wiesbaden ...	#	#	#	#	#	30.28	+ .18	57	55	+ 1	Z	0	0	#	#	#	63	54	-	
	Munich ...	30.25	51	SW	3	r	30.32	+ .20	55	53	+ 4	W	2	0	#	r	#	59	46	0.71	
	The Helder ...	30.10	59	SW	2	0	30.20	+ .11	61	59	+ 6	WSW	1	c	1	0	#	63	55	-	
	Brussels ...	#	#	#	#	#	30.26	+ .11	65	62	+ 9	HW	1	0	#	0	#	69	55	-	
	Cape Gris Nez ...	30.13	56	HW	3	0	30.21	+ .11	55	55	- 1	SW	3	f	3	0	#	59	54	-	
	Paris ...	30.25	68	HW	2	bc	30.29	+ .07	65	61	+ 5	H	2	m	#	bc	#	73	60	-	
	Brest ...	30.32	63	WNW	2	bc	30.25	- .00	58	57	+ 1	SE	2	0	2	bc	#	66	52	-	
GERMANY & HOLLAND.	Lorient ...	30.28	65	SW	2	b	30.23	- .06	57	57	0	SSW	2	m	3	b	#	70	54	-	
	Rochefort ...	30.27	64	HW	3	b	30.21	- .06	63	62	+ 5	E	3	b	#	b	#	68	57	-	
	Belfort ...	30.20	59	WSW	2	0	30.25	+ .09	58	56	+ 5	WNW	1	0	#	0	#	65	53	-	
	Lyons ...	30.26	65	H	1	b	30.31	+ .10	62	55	+ 7	H	2	b	#	b	#	68	55	-	
	Nice ...	30.01	69	H	3	b	30.10	+ .18	69	62	+ 3	NE	5	b	1	b	#	79	61	-	
	Perpignan ...	30.13	76	HW	5	b	30.11	- .06	76	61	+ 10	HW	2	b	#	b	#	81	66	-	
	Biarritz ...	30.23	67	H	3	b	30.10	- .16	62	60	- 3	ENE	3	b	2	b	#	72	55	-	
	Corunna ...	29.97	70	SW	5	b	29.97	- .02	72	67	- 11	E	4	bc	#	b	#	99	66	-	
	Lisbon ...	30.17	66	WNW	1	b	30.13	- .08	69	65	+ 4	W	2	c	2	b	#	73	64	-	
	Azores (P. Delgada)																				

For Explanation of Columns, see bottom of last page.

+ Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 7.7 hrs;

WEATHER CHARTS

FOR *Tuesday, 22nd June, 1897.*

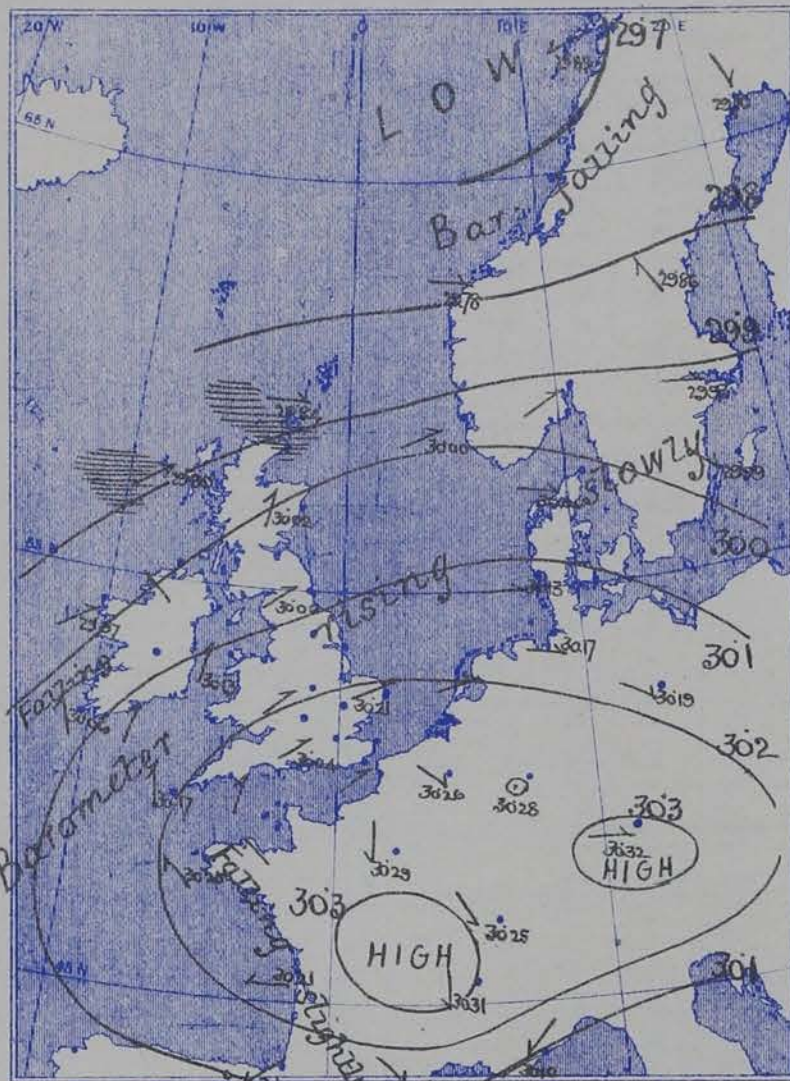
BAROMETER, WIND AND SEA.

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

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

Force above 10 →→→ ; Force 5 to 7 →→→ ; Calm ○
Force 8 to 10 →→→ ; Force 1 to 4 →→→

SEA—Rough ≡≡≡ ; High ≡≡≡

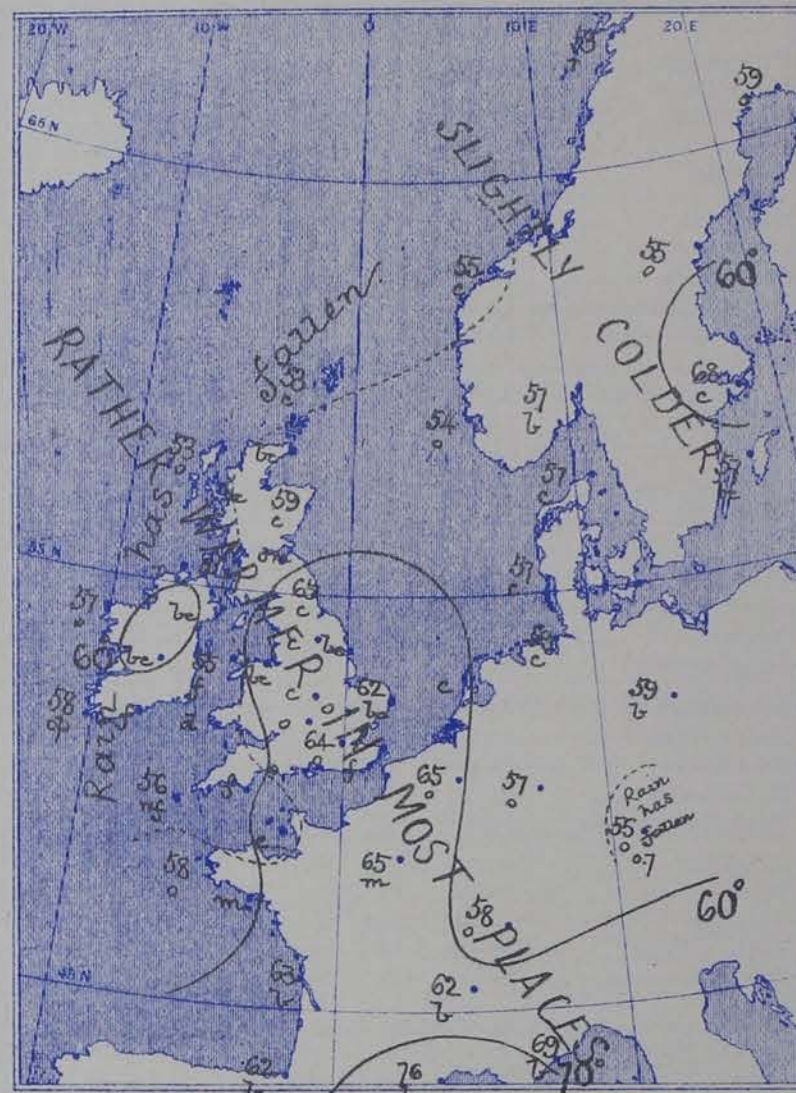


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in: to 30.1 in: in an anticyclone covering the whole of France, Germany, nearly the whole of England and the southern part of Ireland.
Lowest, Below 29.7 in: over Finmark and the north-west of Norway.

Gradients slight - favourable for SW winds over our Islands.

Barometer steady over England, falling in the west of Ireland.

TEMPERATURE

Highest, 76° at Liverpool, 65° at Paris, and 60° to 66° over the island and northern parts of England.

Lowest, 52° at Melin Head, 53° at Stormsey and Crombough Head, and at Brest.

The maxima recorded yesterday reached 70° over England generally, and touched 74° in London and at Cambridge, 73° at Paris, 75° at Nice, and 81° at Liverpool.

WIND

S to SW over our Islands generally, and light to moderate in force; SE to E over the Bay of Biscay; light and anticyclonic over France and the English Channel.

WEATHER

Fine over the northern and extreme eastern parts of our Islands, cloudy or overcast and close elsewhere, foggy on many parts of our southern and western coasts, raining in the extreme west of Ireland.

Slight rain has fallen in the west and extreme north of our Islands, and a large quantity at Munich.

Bright Sunshine recorded yesterday was - hardly any in Ireland, 2 1/2 hrs at Southport, 4 to 5 hrs over our eastern coasts, and 11 hrs at Aberdeen.

SEA

Rough in the far north, moderate in the west and south-west, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine weather is still probable over England, but some rain in Ireland and the west and north of Scotland.

FORECASTS

For the 24 hours ending at NOON on

23rd JUNE.

1897.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	SW ^{ly} breezes, freshening, some rain.
1	SCOTLAND EAST	SW ^{ly} breezes, light; fine, warm.
2	ENGLAND N.E.	
3	ENGLAND EAST	SW ^{ly} breezes, light; fair, warm.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	


DISTRICTS.


FORECASTS.

6	SCOTLAND WEST	Same as No 0
7	ENGLAND N.W.	S ^{ly} and SW ^{ly} winds; fair, warm misty at times.
8	ENGLAND S.W.	
9	IRELAND NORTH	S ^{ly} breezes, freshening; some rain in western parts.
10	IRELAND SOUTH	

NONE ISSUED.

WARNINGS

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Direc.						Dry.	Wet.	Direc.			
Skudesnaes	29.96	53	50	SSW	6	c	4	Valencia	30.08	60	60	SSW	3	om	4
Sumburgh Head	29.60	53	51	SW	3	o	4	Scilly	30.21	62	60	SW	4	f	2
Stornoway	29.59	57	57	WSW	8	o	8	Jersey	30.26	62	59	NTW	4	c	3
Aberdeen	29.74	69	56	SW	5	bg	4	Hurst Castle	30.18	60	59	SW	3	om	2
Shields	29.90	70	60	SW	5	b	2	Dungeness	30.13	59	57	SW	5	om	4
Ardrossan	29.91	62	58	WSW	4	bc	3	North Foreland	30.13	68	64	S	3	bc	2
Malin Head	29.87	57	54	W	6	bc	4	London (Westminster)	30.12	73	66	W	3	c	*
Belmullet	29.97	58	57	WSW	4	c	*	Yarmouth	30.04	69	64	WSW	2	bc	3
Holyhead	30.04	59	58	SW	3	c	2	Rocheport	30.29	68	64	HW	3	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and light over northern and some parts of Central Europe, as well as over the northeast of Scotland; fair over France and Spain; dull over the British Islands as a whole, with rain in the extreme west and north. A little rain falling later over our southeastern, eastern, and extreme northern districts, and at Christiansund, none over our northeastern and southeastern countries, but a large quantity at Munich.

Temperatures risen considerably over the British Islands and northwestern Europe. Morning readings highest 84° at Lisbon, and exceeding 60° over the south of Europe generally; 60° at Moscow, 61° at several of the stations on the shores of the Baltic and Gulf of Finland; 63° at Liverpool, and 60° both in London and at Paris. Lowest (1) 50° to 55° over the greater part of Central Europe; (2) 50° at Sumburgh Hd., 52° at Skudesnaes, 53° at Christiansund, 54° at Shields. Rising later to between 74° and 70° over the major part of Great Britain, to 70° at Berlin, 73° at Paris, 75° at Nice, and 81° at Perpignan.

Wind (1) S to W over the British Islands, light to strong in force; (2) light and anticyclonic over the Bay of Biscay and France, as well as northern Europe. Blowing a moderate gale over the Hebrides later, no great change at our southern stations.

Barometer highest (1) 30.2 in.; and more to 30.0 in. in an anticyclone covering the Bay of Biscay, France, the north of Spain, and southern half of our Islands; (2) 30.1 in.; and more to 30.0 in. over Northern Europe. Lowest below 29.6 in. off our extreme northwest coasts, and below 29.7 in. over Hungary. Rising over the United Kingdom later - slowly in the south, decidedly in the northwest.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 23rd June, 1897.
Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
				At 32° and M.S.L.	Dry Bulb.		Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Direc.	Force (0 to 12.)	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
SCANDINAVIA.	Haparanda ...	29.81	58	S	2	bc	29.63	- .47	57	51	- 2	WNW	2	b	#	bc	#	61	52	0.04	
	Hernösand ...	29.85	60	N	4	bc	29.95	+ .09	58	50	+ 3	W	4	b	#	bc	#	68	54	-	
	Stockholm ...	29.93	63	W	2	b	30.02	+ .09	64	59	- 4	W	2	b	#	b	#	72	55	-	
	Wisby ...	30.00	59	NW	4	b	30.12	+ .13	56	53	- 1	NW	4	b	#	b	#	64	48	-	
	Karlstad ...	29.95	65	SW	4	b	30.11	+ .16	60	50	+ 1	WNW	4	b	#	b	#	#	#	-	
	Bodo ...	29.70	50	WSW	6	o	29.73	+ .04	47	46	- 6	SW	8	r	5	o	#	54	46	0.32	
	Christiansund ...	29.93	53	W	8	f	30.02	+ .24	51	48	- 4	W	6	o	4	f	#	55	50	-	
	Skudesnaes ...	30.16	55	Z	0	o	30.14	+ .14	54	53	0	SW	2	of	3	c.o	#	58	46	#	
	Færder (Christiania Fjord)	30.01	64	WSW	3	b	30.14	+ .17	60	55	+ 3	SW	2	o	2	b	#	64	57	-	
	Skagen (The Seaw)	30.12	56	W	6	b	30.20	+ .14	61	58	+ 4	W	2	bc	0	b	#	63	54	-	
Faro ...	30.21	59	W	1	b	30.22	+ .09	59	58	+ 2	W	2	o	#	b	#	66	57	-		
BRITISH ISLANDS.	Sumburgh Head	30.01	55	W	3	c	30.01	+ .17	52	51	- 1	Z	0	o	3	c	#	59	48	-	
	Stornoway ...	29.96	59	WSW	3	c	29.98	+ .08	55	55	+ 2	S	1	o	1	c.c	#	59	45	0.01	
	Wick ...	29.99	60	SW	3	c	30.03	+ .06	52	52	- 4	E	2	r	2	c	#	64	50	0.15	
	Nairn ...	No observations					29.99	+ .04	54	54	- 6	Z	0	a	0	?	#	64	52	0.16	
	Aberdeen ...	30.01	62	S	2	bc	30.02	.00	57	56	- 2	S	2	og	1	p, bc, r	#	62	53	0.10	
	Leith ...	30.02	66	SSW	3	c	30.02	- .02	61	58	+ 5	Z	0	om	#	c	#	71	53	0.09	
	Shields ...	30.09	70	SW	3	b	30.08	+ .02	58	56	- 7	NE	1	ew	2	b	#	73	55	-	
	Spurn Head ...	30.14	71	SW	3	bc	30.10	- .04	62	61	- 1	SE	3	b	3	bc	#	74	56	-	
	York ...	30.12	76	SW	1	bc	30.10	- .05	69	64	+ 3	S	1	bc	#	bc	#	8.5	78	57	
	Loughborough ...	30.16	76	SSW	2	c	30.12	- .08	69	65	+ 6	SE	2	bc	#	bc, bm, c	#	77	56	-	
GERMANY & HOLLAND.	Ardrossan ...	30.03	56	WSW	2	o	30.01	.00	55	55	+ 1	SW	2	omp	2	c.o	#	57	52	0.13	
	Malin Head ...	30.00	57	W	1	ogmp	30.01	+ .04	53	53	+ 1	NNW	2	rf	1	rmg.o	#	58	51	0.18	
	Belmullet ...	30.02	56	SSW	3	o	30.05	+ .08	53	52	- 4	NNE	3	or	#	om.o	#	57	51	0.28	
	Donaghadee ...	30.07	62	SSW	5	bc	30.04	.00	53	53	- 9	SSE	4	f	2	bc	#	67	50	0.03	
	Liverpool (Bidston)	30.12	66	NNW	1	b	30.05	- .09	70	64	+ 6	SE	2	b	1	b	#	74	57	-	
	Holyhead ...	30.12	57	SW	4	bc	30.05	- .08	57	56	+ 2	Z	0	f	0	om, bc	#	61	53	-	
	Parsonstown ...	30.04	67	SSW	1	b	30.05	- .01	61	58	- 4	SE	1	o	#	b, b, r	#	10.1	74	54	
	Valencia ...	30.05	60	SSE	4	c	29.98	- .08	58	57	0	Z	0	rg	1	c, b, r	#	7.0	63	55	
	Roche's Point ...	30.10	55	S	3	f	29.99	- .14	58	56	+ 3	ESE	4	o	4	f	#	59	53	-	
	Pembroke (St. Ann's Hd.)	30.13	59	SSE	3	bc	30.02	- .16	62	60	+ 7	SE	4	b	3	o, bc	#	0.8	62	55	
FRANCE & BELGIUM.	Seilly ...	30.08	58	ESE	3	o	29.94	- .23	60	58	+ 4	ESE	4	r	4	om, o	#	0.2	61	54	
	Prawle Point ...	30.17	57	ENE	3	c	30.04	- .22	65	63	+ 12	E	3	bc	2	m, c	#	65	52	-	
	Jersey (St. Aubin's)	30.14	71	E	4	bc	30.04	- .23	70	65	+ 9	E	4	bc	3	bc	#	74	60	-	
	Hurst Castle ...	30.20	66	S	1	c	30.09	- .16	71	61	+ 11	SE	2	bc	2	bc, c	#	71	58	-	
	Dungeness ...	30.22	56	SSW	1	f	30.12	- .13	66	62	+ 11	SSE	2	c	1	f	#	66	54	-	
	North Foreland	30.22	62	S	3	b	30.17	- .09	64	61	0	SSE	3	b	2	b	#	70	55	-	
	London (Brixton) ...	30.19	75	S	1	bc	30.13	- .11	73	67	+ 9	ESE	2	c	#	bc, b	#	7.0	78	59	
	Oxford ...	30.18	68	SSE	1	c	30.11	- .13	70	65	+ 10	SE	1	b	#	c	#	74	58	-	
	Cambridge ...	30.18	74	SW	1	c	30.14	- .11	68	66	+ 7	S	1	bc	#	c	#	8.7	78	57	
	Yarmouth ...	30.17	62	SSE	3	b	30.17	- .04	61	59	- 1	SSE	2	b	2	bc, b	#	67	58	-	
GERMANY & HOLLAND.	Cuxhaven ...	30.24	66	NW	1	b	30.26	+ .09	64	61	+ 5	SE	1	b	#	b	#	73	54	-	
	Berlin ...	30.21	69	Z	0	b	30.29	+ .10	67	59	+ 8	NW	2	b	#	b	#	75	57	-	
	Wiesbaden ...	#	#	#	#	#	30.27	- .01	64	61	+ 7	S	2	b	#	#	#	72	55	-	
	Munich ...	30.34	59	NE	1	c	30.32	.00	62	59	+ 7	E	5	b	#	c	#	66	54	-	
	The Helder ...	30.24	68	W	1	b	30.22	+ .02	68	65	+ 7	S	1	b	1	b	#	68	55	-	
	Brussels ...	#	#	#	#	#	30.21	- .05	70	64	+ 5	ESE	1	bc	#	b	#	78	60	-	
	Cape Gris Nez ...	#	#	#	#	#	30.14	- .15	68	62	+ 3	E	2	b	#	b	#	71	62	-	
	Paris ...	30.22	75	E	1	b	30.14	- .15	68	62	+ 3	E	2	b	#	b	#	71	62	-	
	Brest ...	30.06	69	Z	0	c	29.93	- .32	66	59	+ 7	ENE	3	bc	2	c	#	72	55	-	
	Lorient ...	30.08	79	ESE	1	bc	29.95	- .28	68	64	+ 11	E	5	b	2	bc	#	81	57	-	
FRANCE & BELGIUM.	Rochefort ...	30.04	81	E	3	bc	29.97	- .24	67	64	+ 4	E	4	b	#	bc	#	90	61	-	
	Belfort ...	30.19	67	ENE	2	b	30.17	- .08	61	58	+ 3	E	2	b	#	b	#	72	52	-	
	Lyons ...	30.13	73	N	1	b	30.12	- .19	66	60	+ 4	SE	1	b	#	b	#	78	58	-	
	Nice ...	30.11	72	SW	2	b	30.19	+ .09	67	58	- 2	Z	0	b	#	b	#	79	61	-	
	Perpignan ...	30.12	72	E	2	b	30.08	- .03	70	62	- 6	NE	1	b	#	b	#	81	51	-	
	Biarritz ...	29.93	87	E	5	b	29.88	- .22	80	67	+ 18	S	4	b	2	b	#	90	62	-	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lisbon ...	29.94	68	SW	3	b	29.94	- .03	69	62	- 3	SSE	4	o	#	b	#	71	66	-	
	Azores (P. Delgada)	30.15	64	NNE	2	b	30.17	+ .04	66	59	- 3	N	4	c	2	b	#	73	61	-	
	PENIN- SULA.																				

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport. 10.2 hrs;

WEATHER CHARTS

FOR Wednesday, 23rd JUNE 1897.

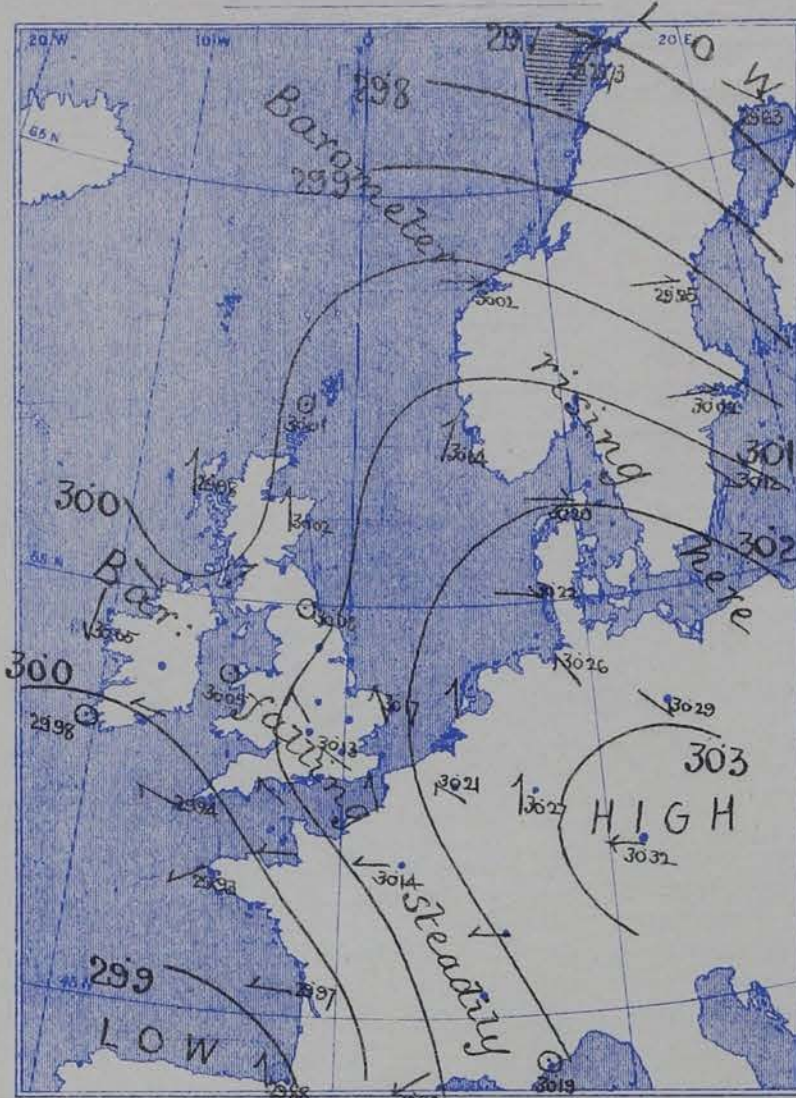
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Force above 10 ———— ; Force 5 to 7 ———— ; } Calm ☉
Force 8 to 10 ———— ; Force 1 to 4 ———— ;

SEA—Rough ———— ; High ————

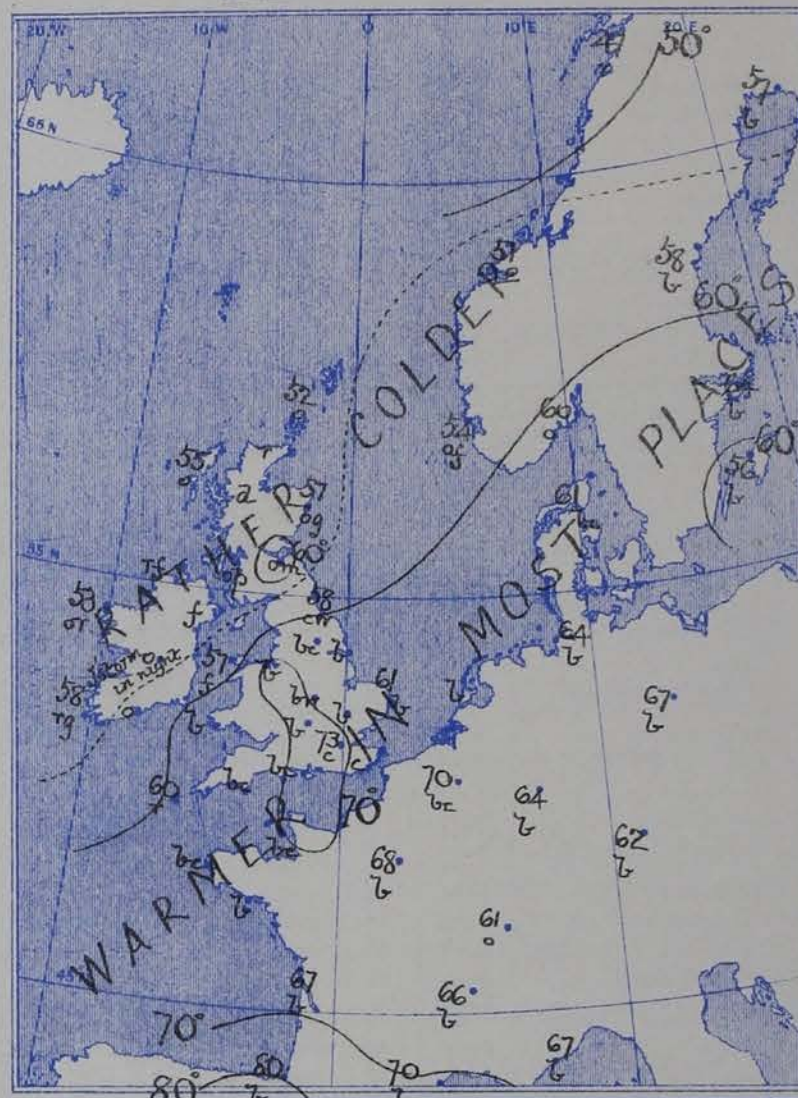


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TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more to 30.1 ins. in an anticyclone lying over Germany, the E^m parts of France and England and the greater part of the North Sea.
Lowest below 29.7 ins. over Lapland, and below 29.9 ins. over the N^m parts of the Spanish peninsula.
Gradients slight to moderate. Barometer falling decidedly in the S. and S.W., rising over Scandinavia.

TEMPERATURE

Highest 80° at Biarritz, 73° in London, 70° at Bedford and at Liverpool.
Lowest 47° at Bodø, 52° at Edinburgh Nth, 53° at Malin Nth, Belmullet and Donaghadee.
The maxima recorded yesterday ranged from 57° to 64° at the Scotch stations, from 59° to 74° over Ireland, and from 70° to 78° over England. The maximum at Berlin was 75°, that at Paris 77°, and at Rochefort 90°.

WIND

Moderate from between E. and S.E. over France, the Bay of Biscay and the southern parts of our Islands, light and very variable over Scotland, N^{ly} in the northwest of Ireland.

WEATHER

Raining in several of the N^m and W^m parts of the United Kingdom, fine over England, France and Germany, but with an unsettled appearance of the sky over London.
Thunderstorms have occurred in some parts of Ireland, well defined Solar halos and parhelia were seen over England last evening. Bright Sunshine recorded yesterday was 10 hrs. at Parsonstown and Southport, 7 hrs. at Valencia and in London, nearly 9 hrs. at Cambridge.

SEA

moderate on our S.W. coasts, smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The rainy weather in the S.W. may spread to England during the coming day, and be accompanied by thunder.

FORECASTS

For the 24 hours ending at NOON on 24TH JUNE

1897.

DISTRICTS.

FORECASTS.

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

Varying airs, rain at times.

SE breezes moderate, fine warm, less settled later.

DISTRICTS.

FORECASTS.

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

Variable breezes, dull, changeable, rain and thunder in places.

WARNINGS

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	30.12	58	54	WSW	2	c	2	Valencia	30.05	61	58	SSE	5	e	5
Sumburgh Head	29.95	55	51	W	4	c	5	Scilly	30.15	60	58	SSE	4	om	4
Stornoway	29.95	58	58	SW	4	o	4	Jersey	30.23	71	65	ESE	2	b	2
Aberdeen	30.03	57	55	S	2	o	2	Hurst Castle	30.25	65	61	WSW	1	bcm	1
Shields	30.08	72	63	SSW	4	b	2	Dungeness	30.25	59	57	SW	3	f	2
Ardrossan	30.01	57	55	WSW	2	c	1	North Foreland	30.26	65	60	S	3	b	2
Malin Head	29.99	57	56	W	3	o	2	London (Westminster)	30.22	74	67	SSW	2	bc	#
Belmullet	30.02	57	57	SSW	2	om	#	Yarmouth	30.21	64	60	SSE	3	bc	3
Holyhead	30.14	59	57	SW	5	cm	4	Rocheport	30.13	86	80	SE	3	b	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over France; foggy in the English and Irish Channels, cloudy but fair over England, dull and showery at several western stations, fine in Scotland and the S. of Norway; clearing up later over the greater part of our Islands, but Partelia seen at some English stations in the evening, rain falling still later over Scotland and Ireland, and thunderstorms occurring at Parsonstown and Valencia.

Temperature in morning highest 76° at Barcelona and Perpignan, and exceeding 70° at many stations in Sth and SEth Europe; 72° at Moscow, 68° at Riga and Stockholm, 66° at Yorks, 65° at Paris. Rising later to between 70° and 78° in many parts of our Islands, Germany and France, and touching 90° at Rocheport and Pirinety.

Wind light and anticyclonic over France, Spain, England and Germany; SE^{ly} to SW^{ly} in Ireland, SW^{ly} and W^{ly} in Scotland, and on the Sth parts of the North Sea, but SE^{ly} over Finland; very light and variable over Russia, SEth Europe and the Mediterranean. Not much change reported later except over France and the Channel, where a moderate E^{ly} breeze set in.

Barometer highest 30.3 ins. and more to 30.1 ins. in an anticyclone covering France, Germany, England and the Sth half of the North Sea, and exceeding 30.1 ins. over the White Sea and N. of Russia also. Lowest below 29.7 ins. off the NW. coast of Norway, below 29.9 ins. over central Russia, and below 30.0 ins. over Portugal. Falling decidedly over the Bay of Biscay and France later, and the change spreading Nth. Rising decidedly over Scandinavia.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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

DAILY WEATHER REPORT

for 8 a.m. on *Thursday, 24th June, 1897.*
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.			Sea (0 to 9.)		Hours of Bright Sun- shine.	Temp.			
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)	Weather	Weather.	Max.	Min.	Rainfall.					
SCANDINAVIA.	Haparanda	Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
	Hernösand	29.66	56	nnw	2	b	29.71	+0.05	57	49	0	S	2	b	#	b	#	66	50	-	
	Stockholm	29.99	60	sw	2	b	29.87	-0.12	49	47	-9	E	4	S(?)	#	b	#	72	46	0.16	
	Wisby	30.06	67	w	4	b	29.99	-0.07	71	64	+7	sw	2	b	#	b	#	73	55	-	
	Karlstad	30.15	63	sw	4	b	30.08	-0.07	65	60	+5	sw	4	b	#	b	#	68	50	-	
		30.07	63	sw	4	b	29.94	-0.13	61	59	+2	ssw	4	o	#	b	#	#	#	-	
	Bodö	29.84	47	sw	7	r	29.83	+0.01	46	44	-2	nw	5	c	3	r	#	48	45	0.51	
	Christiansund	30.01	51	w	2	r	29.85	-0.16	49	48	-1	nnw	1	r	2	r	#	52	48	0.43	
	Skudesnaes	30.01	54	s	6	f	29.91	-0.10	54	53	0	nw	4	o	2	m.f	#	59	48	#	
	Færder (Christiania Fjord)	30.06	58	sw	4	f	29.89	-0.17	59	59	-1	sse	3	m	2	f	#	64	57	0.16	
BRITISH ISLANDS.	Skagen (The Scaw)	30.11	62	se	1	m	29.94	-0.17	62	59	+3	S	3	b.c	0	m	#	70	59	-	
	Fanø	30.10	64	E	1	b	29.94	-0.16	67	63	+4	SSW	4	b	#	b	#	72	59	-	
	Sumburgh Head	29.95	50	nnw	1	r	29.92	-0.03	51	49	-2	nnw	2	b	3	c.r	#	54	46	0.03	
	Stornoway	29.99	57	nnw	2	c	30.02	+0.03	56	56	+1	nnw	2	o	2	o.c	3.9	59	46	-	
	Wick	29.98	52	nw	3	o	30.00	-0.02	56	55	+1	nw	3	b.c	3	o	#	56	42	0.05	
	Nairn	29.97	55	Z	0	o	30.01	+0.04	54	51	0	Z	0	b.c	0	o	#	61	48	0.32	
	Aberdeen	29.97	58	nnw	2	op	30.01	-0.01	53	50	-3	nw	3	c	2	c.g.p.r	0.0	66	50	0.22	
	Leith	29.94	65	w	1	u	30.02	+0.08	50	50	-11	ENE	3	cm	#	o	#	71	49	0.06	
	Shields	29.90	67	SSW	1	a	29.94	-0.06	51	51	-7	n	3	r	3	b.c.m.o	#	60	50	0.22	
	Spurn Head	29.94	62	ESE	5	b.c	29.87	-0.07	57	56	-1	ENE	5	cm	3	b.c.f	#	65	56	-	
GERMANY & HOLLAND.	York	29.95	80	S	1	b.c	29.91	-0.04	59	57	-10	n	2	o	#	b.c	12.0	81	57	-	
	Loughborough	29.95	81	SSE	1	c	29.89	-0.06	72	65	+7	nnw	1	cmw	#	b.c.m.c	#	84	56	-	
	Ardrossan	29.94	56	nnw	4	o	29.99	+0.05	51	51	-4	w	4	o	3	c.o	#	60	49	0.37	
	Malin Head	30.02	51	nnw	3	r	30.06	+0.04	52	50	-2	nnw	3	b.c	2	r	#	53	49	0.55	
	Belmullet	30.03	53	ENE	3	o	30.13	+0.10	55	54	+1	ENE	2	c	#	o.r.o	#	55	45	0.22	
	Donaghadee	29.98	55	S	5	o	30.02	-0.06	53	51	0	nnw	6	b	4	o	#	60	48	0.31	
	Liverpool (Bidston)	29.92	65	nnw	1	c	29.95	-0.03	55	53	-15	nnw	3	o	3	c	#	60	54	-	
	Holyhead	29.93	60	NE	1	b.c	29.98	+0.05	52	51	-5	n	4	o	3	b.m.b.c	#	69	50	0.32	
	Parsonstown	29.94	59	Z	0	r	30.14	+0.20	55	51	-4	nw	1	b	#	o.p.r	0.1	66	50	0.40	
	Valencia	29.91	57	H	4	o.g.m	30.04	+0.13	55	52	-3	NE	5	c	4	o.p.o.g.m	0.0	64	53	0.45	
FRANCE & BELGIUM.	Roche's Point	29.90	60	ESE	4	c	30.03	+0.13	58	55	0	n	1	c	2	c.p	#	65	53	0.02	
	Pembroke (St. Ann's Hd.)	29.92	61	SE	2	c	29.94	-0.08	55	54	-7	NE	6	b.c.f	3	c	10.8	70	54	-	
	Scilly	29.88	63	E	3	c	29.94	+0.06	59	58	-1	nw	3	f	2	c	10.5	65	53	0.01	
	Prawle Point	29.92	66	ENE	3	b.c	29.92	-0.00	67	65	+2	nnw	2	c	1	b.c.l	#	68	59	-	
	Jersey (St. Aubin's)	29.91	80	E	1	b	29.97	+0.06	64	61	-6	ns	5	b.c.m	3	b	#	81	62	-	
	Hurst Castle	29.94	72	E	1	b.m	29.89	-0.05	66	64	-5	Z	0	cm	0	b.m	#	77	60	-	
	Dungeness	29.96	65	E	2	b	29.90	-0.06	64	61	-3	SSE	1	b.m	1	b.c.m.b	#	73	59	-	
	North Foreland	29.99	64	E	2	b	29.93	-0.06	72	67	+5	S	1	b	1	b	#	75	60	-	
	London (Brixton)	29.96	80	SE	4	b.c	29.91	-0.05	77	68	+9	n	1	b.c	#	b.c.b	10.5	85	60	-	
	Oxford	29.94	73	SSE	2	b	29.90	-0.04	70	64	-6	Z	0	o	#	b	#	82	56	-	
GERMANY & HOLLAND.	Cambridge	29.98	77	SSE	1	b	29.90	-0.08	72	66	+6	SSE	1	b.m	#	b	13.6	83	56	-	
	Yarmouth	30.00	65	SE	1	b	29.90	-0.10	65	62	-3	SSW	1	b	2	b	#	65	58	-	
	Cuxhaven	30.14	70	E	2	b.c	29.99	-0.15	71	65	+6	S	3	b	#	b.c	#	73	61	-	
	Berlin	30.21	74	E	2	b	30.11	-0.10	71	64	+7	SE	4	b	#	b	#	82	61	-	
	Wiesbaden	#	#	#	#	#	30.11	-0.16	65	60	+5	E	1	b	#	#	#	77	55	-	
	Munich	30.24	61	NE	3	b	30.21	-0.03	63	59	+4	E	3	b	#	b	#	72	48	-	
	The Helder	30.04	70	E	1	b	29.92	-0.12	71	64	+7	SSW	2	b	2	b	#	75	63	-	
	Brussels	#	#	#	#	#	29.97	-0.24	75	67	+8	SSW	1	b	#	b	#	80	62	-	
	Cape Gris Nez	29.96	78	SSE	1	b	29.90	-0.06	72	65	+7	S	2	b	1	b	#	84	66	-	
	Paris	29.99	79	SE	2	b	29.99	-0.00	72	65	+7	sw	2	b	#	b	#	82	60	-	
FRANCE & BELGIUM.	Brest	29.85	73	E	3	b	29.94	+0.09	62	56	-6	NE	1	c	1	b	#	82	55	-	
	Lorient	29.88	71	SE	2	b	29.96	+0.08	63	62	-1	NE	1	b.c	3	b	#	84	59	-	
	Rochefort	29.92	78	ns	3	b	29.96	-0.01	68	63	+5	SE	4	tl	#	b	#	95	61	-	
	Belfort	30.08	75	E	1	b	30.08	-0.00	68	63	+5	w	1	b	#	b	#	77	55	-	
	Lyons	30.09	80	S	2	b	30.08	-0.01	71	59	+12	SSE	1	b	#	b.v	#	85	59	-	
	Nice	30.13	72	w	3	b	30.13	-0.06	72	58	+14	Z	0	b	#	b	#	82	65	-	
	Perpignan	30.05	72	NE	2	b	30.09	+0.04	69	64	+5	H	2	b	#	b	#	82	59	-	
	Biarritz	29.89	72	ns	3	b.c	29.99	+0.10	67	66	-1	w	3	o	2	b.c	#	93	66	-	
	Corunna	#	#	#	#	#	29.97	+0.05	63	61	-2	ns	5	r	#	o	#	73	63	0.04	
	Lisbon	29.97	68	sw	5	o	29.99	+0.02	63	61	-2	ns	5	r	#	o	#	73	63	0.04	
PENIN- SULA.	Azores (P. Delgada)	30.23	63	ENE	3	b	30.23	+0.06	65	58	-7	nnw	4	b.c	2	b	#	70	61	-	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport. 12.2 hrs;

WEATHER CHARTS

FOR *Thursday, 24th June, 1897.*

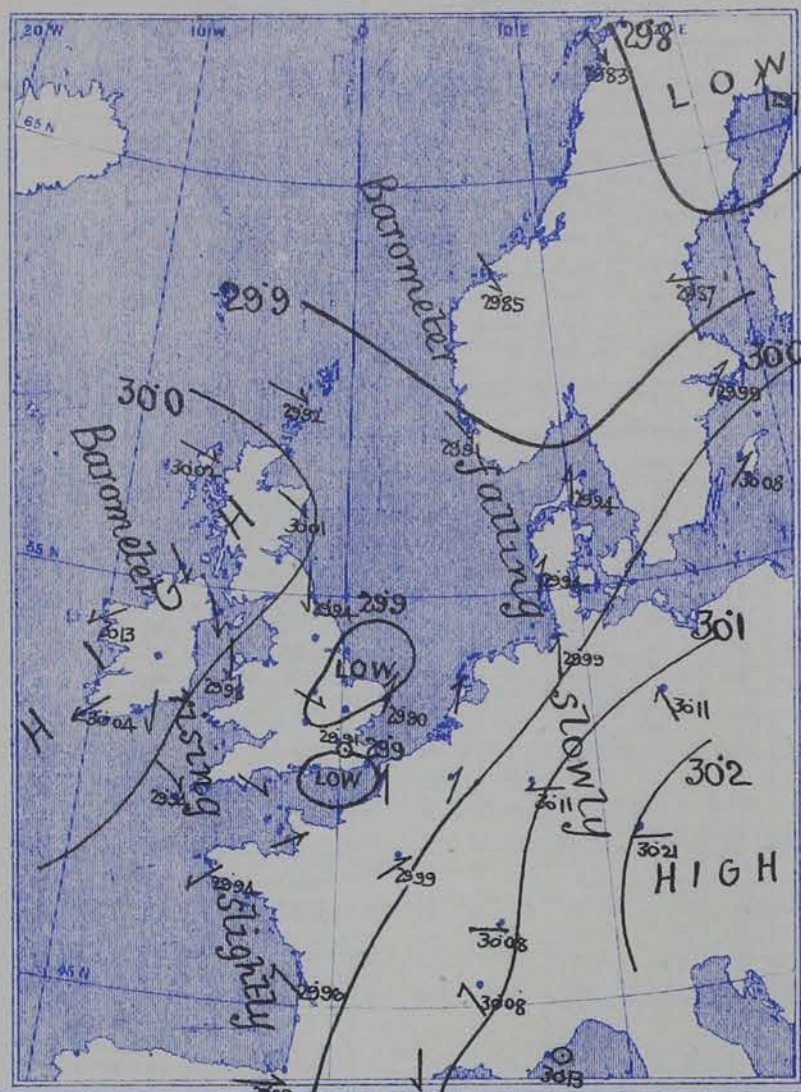
BAROMETER, WIND AND SEA.

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

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

Force above 10 →→→ ; Force 5 to 7 →→→ ; } Calm ○
Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; }

SEA—Rough ≡≡≡ ; High ≡≡≡

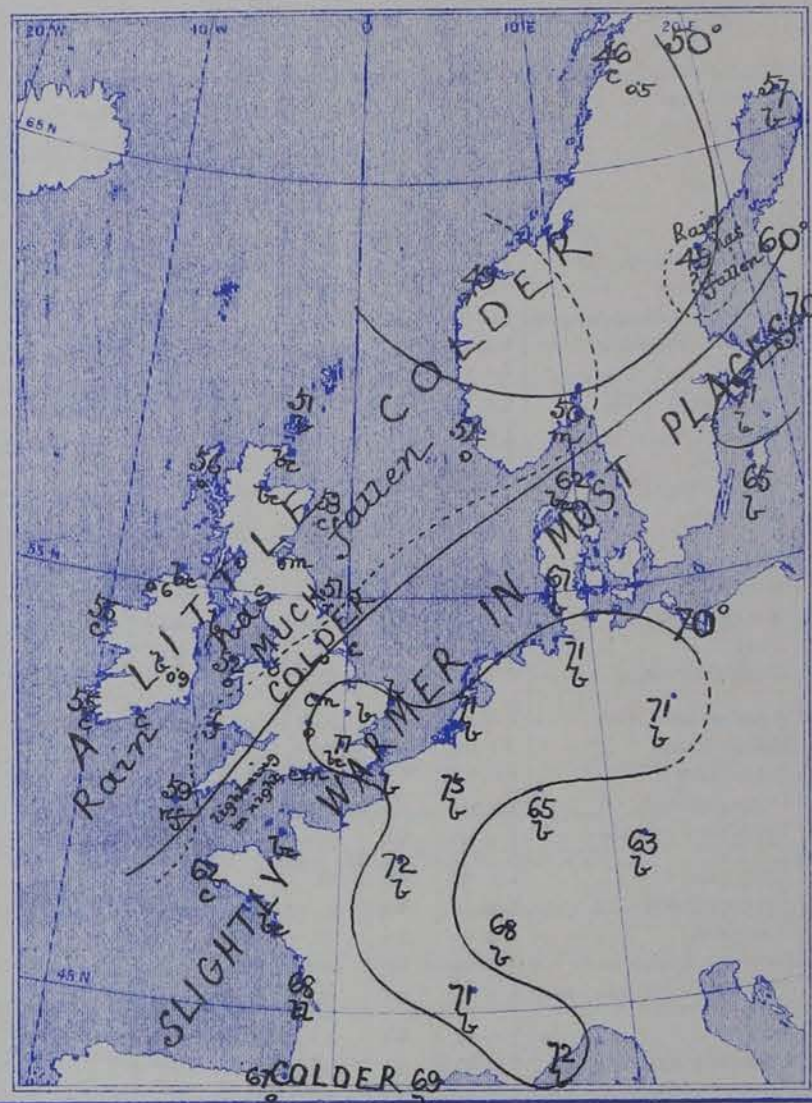


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30.2 ins. and more over Southern Germany, and exceeding 30.0 ins. over the Baltic, North Germany, and the east & south of France; (2) 30.1 ins. & more over Scotland and Ireland.
Lowest Below 29.9 ins. in local shallow depression over the eastern & southeastern corner of England; 29.7 ins. at Copenhagen.
Gradients slight, but Distribution complex.
Barometer falling over the eastern parts of our area, rising in the west.

TEMPERATURE

Highest 77° in London, 72° at York, Cambridge & Paris.
Lowest 46° to 49° in the northwest of Norway, 50° at Leith, 51° at Lumburg Head, Shields & Ardrossan.
The maxima recorded during yesterday were as high as 80° to 85° over the inland part of England; 83° at Berlin & Paris, 85° at Lyons & upwards of 90° at Rochester & Birmingham.
Leith is therefore 27° colder than London this morning.

WIND

(1) Light from between W. and S. over France the Channel & the eastern shores of the North Sea, SE to E over Germany.
(2) Light from NW. in Scotland, moderate from between NW. & NE. over Ireland, fresh to strong over St. George's Channel & the Irish Sea.
It has varied very much in direction during the preceding 24 hrs.

WEATHER

Fine over the northern & western parts of our islands, as well as over the southeast of England & at many of the Continental stations; dull & changeable over Central England, and rainy at North Shields.
Rain had fallen over Scotland & Ireland generally, as much as 0.9 in. at Barmston; over Germany, France & the greater part of England the weather had been fine. Bright Sunshine recorded yesterday was, Cambridge 13 hrs., York & Southport 12 hrs., London, Selly & Pembroke from 10 to 11 hrs. each.

SEA

Slight to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Changeable weather is probable over England today, with local rains & thunderstorms.
fines later

FORECASTS

For the 24 hours ending at NOON on 25th JUNE 1897.

DISTRICTS.

FORECASTS.

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

NW^{ly} breezes, light; fair as a whole.

Varying light breezes; weather very changeable, local rains and thunderstorms.

DISTRICTS.

FORECASTS.



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

Same as N^{os} 0 and 1.

NE^{ly} and N^{ly} winds, moderate; fine.

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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.10	59	55	S	2	m	3	Valencia ...	29.91	63	60	ESE	1	op	2
Sumburgh Head ...	29.96	51	49	E	1	c	3	Scilly ...	29.90	64	61	ESE	3	c	3
Stornoway ...	29.98	59	58	WNW	3	o	3	Jersey ...	29.93	76	67	ESE	3	b	3
Aberdeen ...	29.96	65	61	SW	2	cg	1	Hurst Castle ...	30.00	76	68	E	3	bm	2
Shields ...	29.94	76	66	SSW	3	bcn	2	Dungeness ...	30.02	68	64	E	2	bcn	2
Ardrossan ...	29.96	60	50	WNW	2	c	2	North Foreland ...	30.06	67	63	E	3	bc	3
Malin Head ...	30.03	51	51	WNW	3	r	1	London (Westminster) ...	30.01	81	69	SE	3	bc	#
Belmullet ...	30.06	53	53	ENE	3	ot	*	Yarmouth ...	30.07	64	61	SSE	2	b	2
Holyhead ...	29.98	63	60	NW	2	b	1	Rochefort ...	29.94	90	79	SSE	3	b	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over nearly the whole of Europe, including the eastern, central & southern parts of England, dull and rainy over Ireland, Scotland & the northwestern parts of Norway, as well as on the northern shores of the Black Sea. Considerable rain later in the west & north of our islands (0.9 in. at Parsonstown); unsettled looking skies over England, but weather remaining fine as a whole both there and on the Continent.

Temperature main greatly over England, less decidedly over the Continent. Morning readings highest - 74° at Tunis & above 70° at many of the stations on the coasts of Southern Europe, 73° in London, 71° at Hurst Castle, Liverpool & Oxford; 69° at Moscow & York, 68° at Paris, 67° at Berlin. Lowest 47° at Bodø, 52° at Sumburgh Head, 53° at Malin Head & Belmullet, 54° at Malmø. Raining later to between 80° & 85° over the greater part of England, France and Belgium, to 82° at Berlin, to 93° at Biarritz & 95° at Rochefort, but not touching 60° in the north of Scotland.

Wind light & anticyclonic over the greater part of Europe, E^{ly} and moderate over the Bay of Biscay & the Channel & SE^{ly} over England - but N^{ly} over the northwestern parts of Ireland & Scotland, and SE^{ly} strong to a gale, on the northwestern coast of Norway, NW^{ly} strong to moderate over Finland. The N^{ly} winds on our northwestern coasts spreading eastwards later - very little change elsewhere.

Barometer. Highest 30.3 ins. & more to 30.1 ins. in an anticyclone having its central area over Germany, but covering the whole of Central Europe, the North Sea & east of England. Lowest below 29.7 ins. in a depression over Lapland, below 29.9 ins. over the northwestern parts of Spain & below 30.0 ins. both over our own northwestern coasts & over Turkey & Greece. Falling over France, England & the North Sea later, rising over Ireland and the west of Scotland.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each station is the Standard Time of its Country.

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

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

„ Weekly „ „ „ „

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 25th June, 1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)				Max.	Min.	Rainfall.		
		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
SCANDINAVIA.	Haparanda ...	29.58	52	Z	0	0	29.46	-.25	48	47	- 9	NW	2	r	#	0	#	63	45	0.28	
	Hernösand ...	29.65	52	Z	0	bc	29.81	-.06	53	45	+ 4	NW	6	b	#	bc	#	61	48	0.12	
	Stockholm ...	29.72	64	WSW	2	c	29.88	-.11	60	53	- 11	NNE	2	b	#	c	#	79	59	0.28	
	Wisby ...	29.83	66	SSW	8	c	29.89	-.19	56	54	- 9	NW	4	b	#	c	#	73	54	-	
	Karlstad ...	29.78	63	SW	2	b	29.92	-.02	56	50	- 5	N	4	bc	#	klr. b	#	#	#	0.32	
	Bodö ...	29.73	48	NW	2	0	29.75	-.08	46	44	0	SW	4	bc	2	0	#	52	43	0.08	
	Christiansund ...	29.92	48	NW	5	c	29.97	+ .12	46	43	- 3	W	8	r	#	c	#	54	46	0.08	
	Skudesnaes ...	30.00	53	NW	6	c	30.10	+ .19	51	47	- 3	N	6	c	2	c	#	56	45	#	
	Færder (Christiania Fjord)	29.81	63	WSW	2	b	29.95	+ .06	56	49	- 3	NNE	4	b	2	b	#	63	54	0.20	
	Skagen (The Scaw)	29.87	58	NW	1	b	29.95	+ .01	57	51	- 5	NNE	2	b	0	b	#	77	54	-	
BRITISH ISLANDS.	Fanö ...	29.94	59	N	4	c	30.01	+ .07	57	52	- 10	N	4	b	#	c	#	79	52	0.20	
	Sumburgh Head	30.01	51	NW	1	c	30.08	+ .16	51	47	0	W	1	bc	2	b. c	#	56	43	0.01	
	Stornoway ...	30.08	56	N	1	b	30.08	+ .06	54	53	- 2	E	1	0	1	c. b	#	58	40	-	
	Wick ...	30.04	55	Z	0	bc	30.12	+ .12	54	52	- 2	SE	2	b	1	bc	#	59	41	-	
	Nairn ...	30.06	61	E	1	bc	30.08	+ .07	55	52	+ 1	E	1	bc	1	bc	#	62	44	-	
	Aberdeen ...	30.09	54	SE	2	bc	30.12	+ .11	54	50	+ 1	SSE	2	c	1	bc	#	61	49	-	
	Leith ...	30.07	58	E	2	b	30.09	+ .07	59	58	+ 9	NNE	3	bc	#	b	#	60	44	-	
	Shields ...	30.09	52	NNE	2	0	30.14	+ .20	51	50	0	E	2	0	#	r. o	#	53	48	0.28	
	Spurn Head ...	30.01	53	N	5	op	30.09	+ .22	55	54	- 2	N	4	0	#	o. pt	#	58	51	0.03	
	York ...	30.07	55	N	2	0	30.12	+ .21	55	51	- 4	NNE	1	0	#	0	#	60	50	-	
GERMANY & HOLLAND.	Loughborough ...	30.03	58	N	3	0	30.10	+ .21	55	53	- 17	N	3	om	#	cm. ogm	#	76	52	-	
	Ardrossan ...	30.03	59	NW	2	b	30.06	+ .07	59	55	+ 8	NNE	2	bm	1	c. b	#	61	48	-	
	Malin Head ...	30.10	53	NW	2	b	30.04	-.02	53	52	+ 1	E	2	bcw	1	b	#	54	48	-	
	Belmullet ...	30.12	54	N	2	c	30.01	-.12	53	53	- 2	SSE	2	0	#	b. c	#	57	48	0.05	
	Donaghadee ...	30.07	59	NW	5	b	30.06	+ .04	55	53	+ 2	NNE	3	m	2	b	#	60	48	-	
	Liverpool (Bidston)	30.03	57	W	1	0	30.07	+ .12	54	52	- 1	SSE	2	r	#	c. o	#	60	53	0.03	
	Holyhead ...	30.04	55	N	3	b	30.02	+ .04	60	59	+ 8	Z	0	cf	0	b. b	#	60	51	-	
	Parsonstown ...	30.04	65	Z	0	b	30.02	-.12	58	55	+ 3	E	1	0	#	b	#	65	52	-	
	Valencia ...	30.04	59	SE	2	0	29.97	-.07	62	58	+ 7	SE	3	0	3	0	#	63	58	-	
	Roche's Point ...	30.05	58	SSE	2	0	30.04	+ .04	57	54	- 1	SE	2	0	2	0	#	61	50	-	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.00	59	NNE	4	b	30.03	+ .09	59	59	+ 4	SE	3	f	3	b	#	60	54	-	
	Seilly ...	30.01	59	NNE	4	b	30.01	+ .07	63	59	+ 4	NNE	1	bc	0	c	#	63	59	-	
	Prawle Point ...	29.96	73	NW	2	b	30.03	+ .11	61	61	- 6	E	2	f	1	c. b	#	76	59	-	
	Jersey (St. Aubin's)	29.98	70	NW	2	b	30.01	+ .04	70	64	+ 6	SE	1	bmw	1	o. bc	#	74	58	-	
	Hurst Castle ...	29.94	66	SW	2	om	30.04	+ .15	62	61	- 4	NNE	2	om	1	cm	#	73	60	-	
	Dungeness ...	29.95	62	SW	3	0	30.03	+ .13	58	57	- 6	NNE	2	m	1	c. o. f	#	70	58	-	
	North Foreland	29.93	72	NW	2	0	30.04	+ .11	57	56	- 15	NNE	3	of	3	b. o	#	81	55	-	
	London (Dixton) ...	29.94	70	N	2	0	30.06	+ .15	57	56	- 20	E	1	og	#	bc. ter. o	#	90	56	0.36	
	Oxford ...	30.00	61	N	2	0	30.07	+ .17	55	54	- 15	N	1	0	#	bc. ot	#	82	54	-	
	Cambridge ...	29.99	59	N	2	0	30.08	+ .18	56	55	- 16	N	1	0	#	bc. otp	#	81	53	0.01	
PENIN- SULA.	Yarmouth ...	29.95	59	NW	3	c	30.04	+ .14	56	54	- 9	NNE	4	c	#	b. ter. p	#	72	54	0.02	
	Cuxhaven ...	29.91	73	N	2	b	29.99	00	59	54	- 12	N	4	0	#	b	#	82	57	-	
	Berlin ...	29.95	79	SSW	1	b	29.93	-.18	76	66	+ 5	SSW	1	b	#	b	#	91	61	-	
	Wiesbaden ...	#	#	#	#	#	30.01	-.10	68	66	+ 3	W	1	b	#	#	#	84	61	-	
	Munich ...	30.11	69	Z	0	b	30.11	-.10	71	65	+ 8	Z	0	b	#	b	#	79	55	-	
	The Helder ...	29.93	64	W	1	b	30.00	+ .08	59	58	- 12	NNE	4	r	3	b	#	72	59	0.24	
	Brussels ...	#	#	#	#	#	30.00	+ .03	71	67	- 4	SW	2	b	#	c	#	86	64	0.43	
	Cape Gris Nez ...	29.93	63	SW	3	0	30.00	+ .10	56	56	+ 16	N	3	f	3	0	#	77	55	-	
	Paris ...	29.99	79	W	2	bc	30.03	+ .04	72	68	0	SSE	1	m	#	bc	#	89	63	-	
	Brest ...	29.97	59	NW	3	m	30.00	+ .06	62	60	0	NNE	1	b	1	m	#	73	52	-	
GERMANY & HOLLAND.	Lorient ...	29.97	69	Z	0	bc	29.98	+ .02	63	61	0	E	1	b	#	bc	#	84	59	-	
	Rochefort ...	29.99	77	Z	0	b	29.96	00	69	68	+ 1	Z	0	b	#	b	#	84	64	0.08	
	Belfort ...	29.98	78	W	1	b	30.02	-.06	69	66	+ 1	NW	2	b	#	b	#	85	55	-	
	Lyons ...	29.99	82	SSE	1	b	30.02	-.06	69	58	- 2	SE	1	b	#	b	#	87	59	-	
	Nice ...	30.05	75	WSW	2	b	30.04	-.09	74	61	+ 2	Z	0	b	0	b	#	82	64	-	
	Perpignan ...	30.04	71	NNE	2	c	30.02	-.07	71	65	+ 2	Z	0	b	#	c	#	81	60	-	
	Biarritz ...	29.93	72	N	3	0	29.93	-.06	69	68	+ 2	SW	2	c	2	otl	#	77	67	-	
	Corunna ...	#	#	#	#	#	30.00	+ .03	71	67	- 4	SW	2	b	#	c	#	86	64	0.43	
	Lisbon ...	29.98	65	SSW	4	b	29.97	-.02	64	60	+ 1	SW	4	c	#	b	#	70	63	0.24	
	Azores (P. Delgada)	30.21	65	W	2	0	30.18	-.05	67	67	+ 2	W	4	m	3	0	#	72	63	0.16	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in "charts" on next page.

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

Bright Sunshine yesterday Southport... 3.0 hrs.

WEATHER CHARTS

FOR

Friday, 25th JUNE 1897.

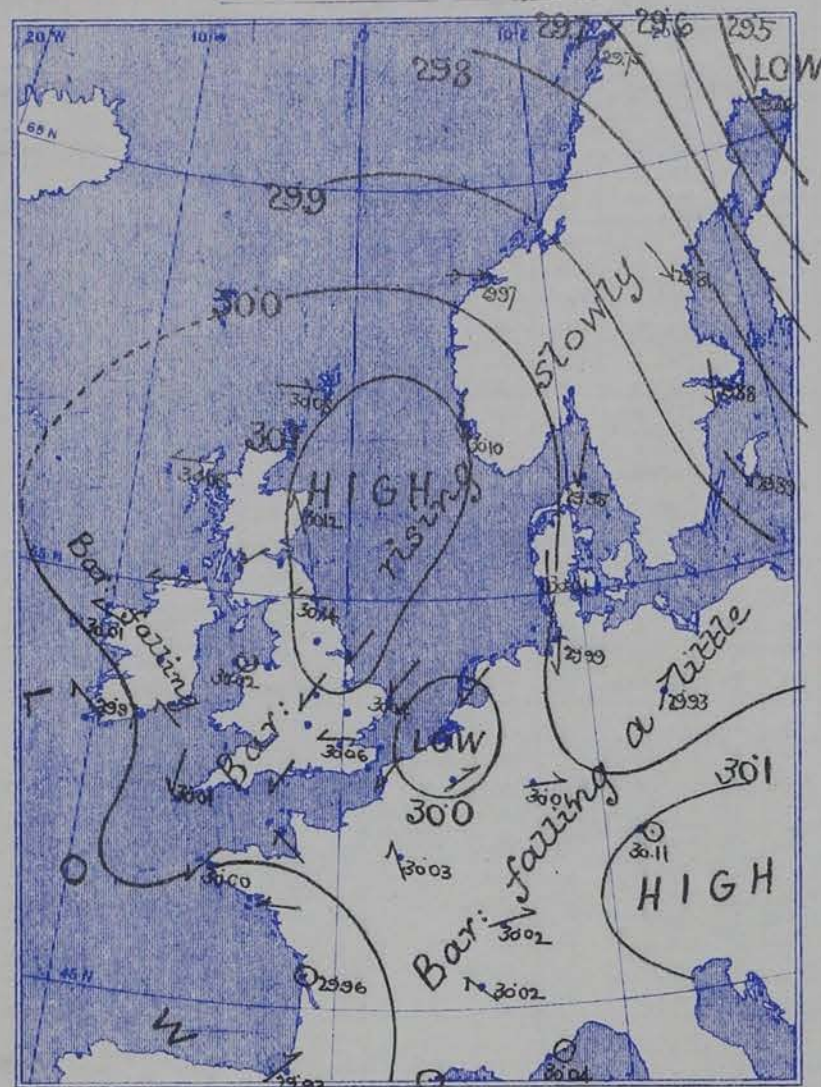
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ≡ : High ≡

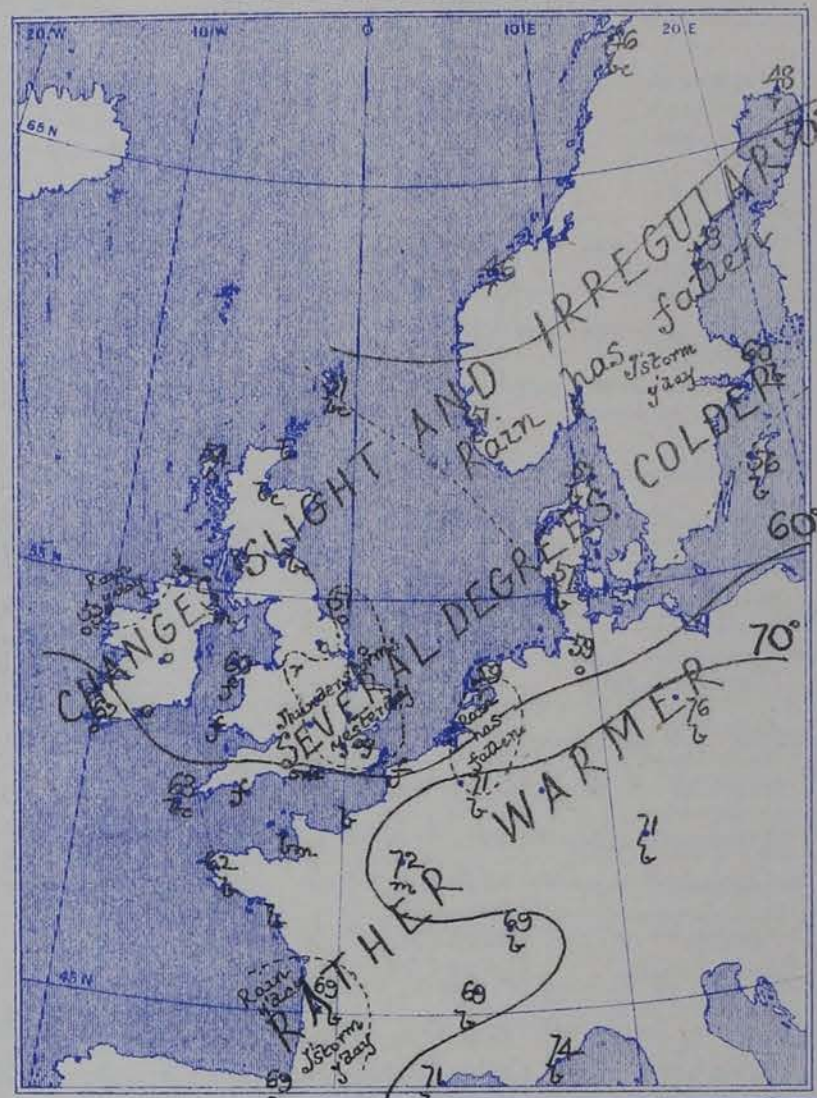


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 ins. and more to 30.0 ins. in a large area of high pressure — irregular in form, but covering nearly the whole of the British Islands, France and South Germany.
 Lowest, Below 29.5 ins. over Ireland, and below 30.0 ins. off our extreme western coast, over the Bay of Biscay, and in a small shallow depression over Holland and Belgium.
 Gradients very slight and irregular. Distribution, though mainly anticyclonic, was also irregular in places.
 Barometer falling over Ireland, rising at our northern and the Norwegian stations; falling over the Baltic and North Germany.

TEMPERATURE

Highest, 76° at Berlin, 74° to 69° over the greater part of France, 63° at Seilly.
 Lowest, 46° at Porto and Christiansand, 51° at Lumburgh, 44° at Shields, and below 60° over almost the whole of our Islands.
 Maximum temperatures were recorded yesterday as high as 80° in London, 81° at Berlin, 83° at Paris, 87° at Lyons.
 A rapid fall has taken place since then over our southern and Midland Counties.

WIND

Moderate from N. over Iceland, and from N.E. over Holland and the southeast coast of England. Very light and variable elsewhere — but mainly from N.E. at the English Channel stations.
 It has varied greatly in force and direction during the preceding 24 hours.

WEATHER

Fine at most of the Continental stations, fair over our Islands, but dull in the south and west.
 Severe storms of thunder and lightning occurred yesterday over our eastern and southeastern counties, with considerable rain in London. Lightning occurred at Havre P. and a thunderstorm at Karlsbad.
 Bright Sunshine recorded yesterday 3 hours at Southport, about 9 hrs in London, and 12 hrs at Limerick and Parnassus.

SEA

Very little disturbed except at Spurn Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fine weather in the northeast of our Islands will probably become more general shortly, but the general condition is not at all settled yet.

FORECASTS

For the 24 hours ending at NOON on 26TH JUNE, 1897.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	} E ² and SE ² winds; fair, warmer, close.
1	SCOTLAND EAST	
2	ENGLAND N.E.	} NE ² and E ² winds; weather clearing up.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	} SE ² winds, moderate or fresh; fine and warm, then showery.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	29.95	56	52	HW	6	c	3	Valencia	30.04	62	57	NE	4	o	4
Sumburgh Head	29.98	54	50	HW	2	b	3	Scilly	30.01	60	57	NNE	3	c	2
Stornoway	30.07	57	56	H	2	c	2	Jersey	30.00	68	63	SW	4	o	3
Aberdeen	30.06	60	51	HW	2	bc	1	Hurst Castle	29.94	67	64	SSW	2	cm	1
Shields	30.06	51	51	NNE	3	o	3	Dungeness	29.92	66	62	SW	3	c	2
Ardrossan	30.04	60	58	H	2	c	1	North Foreland	29.93	79	69	S	3	b	2
Malin Head	30.10	54	51	HW	3	b	2	London (Westminster)	29.91	86	74	NW	3	bc	#
Belmullet	30.19	57	57	NE	2	b	*	Yarmouth	29.90	71	65	H	3	b	3
Holyhead	30.04	57	54	H	4	bc	3	Rocheport	30.01	73	70	NE	1	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the western, southern, and central parts of Continental Europe and the eastern parts of the British Islands; cloudy and unsettled over the northwestern and northern districts, rainy at Shields, and unsettled over Scandinavia also, with rain at Christiansund. Rain falling later over Scandinavia generally, and in several parts of the British Islands. Thunderstorms occurring over our southern and eastern coasts, as well as at Karlskrona on the one hand, and at Helsingfors on the other.

Temperatures very irregularly distributed. Morning readings highest (1) 77° to 70° over many parts of the Mediterranean, but only 66° at Rome; (2) 71° in London, 72° at Loughborough, Cambridge, and Paris, 71° at Berlin and at Stockholm. Lowest 50° to 51° over the northeast of England and the south of Scotland, as well as at Sumburgh Head, 49° at Christiansund, 46° at Rode. Changing very much and frequently over our Islands later; rising to 50° in London, 51° at Berlin, 53° at Paris, and 57° at Lyons; falling fast in London still later.

Wind (1) light and anticyclonic over Central Europe and the Baltic, S over Holland and Denmark; (2) NW over Scotland, NE to N over Ireland and the Irish Channel; (3) light and exceedingly variable over the inland and eastern parts of England. The N wind becoming much more general over the greater part of England later. Local whirlwind reported in places.

Barometer highest (1) 30.2 in. and more over North Germany, and exceeding 30.0 in. in an anticyclone stretching from the Mediterranean and southeast of Spain across Central Europe to the Baltic and neighbouring parts of Russia; (2) 30.1 in. and more to 30.0 in. over Ireland and Scotland. Lowest below 29.4 in. over the northeast of Russia, and below 29.3 in. in two shallow depressions lying over the east and southeast of England. Latter systems merging into one and moving to the Netherlands.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on *Saturday, 26th June,* 1897.
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			
				At 32° and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.					Dir.	Force (0 to 12.)	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
SCANDINAVIA.	Haparanda ...	29.59	45	HW	4	r	29.63	+17	44	?	-4	N	4	0	#	r	#	57	43	0.16	
	Hernösand ...	29.87	54	W	4	bc	29.89	+08	52	50	-1	W	8	0	#	bc	#	69	46	-	
	Stockholm ...	29.93	57	S	2	b	29.95	+07	59	55	-1	N	2	0	#	b	#	66	54	-	
	Wisby ...	29.93	57	SE	4	b	29.94	+05	61	57	+5	SE	4	0	#	b	#	66	52	-	
	Karlstad ...	29.90	61	SW	2	b	29.98	+06	58	51	+2	NE	4	0	#	b	#	#	#	-	
	Bodo ...	29.82	50	W	4	bc	29.95	+20	46	45	0	N	4	bc	1	bc	#	52	43	-	
	Christiansund ...	30.01	46	W	8	r	30.14	+17	48	45	+2	W	4	0	3	r	#	48	45	0.32	
	Skudesnaes ...	30.10	52	N	6	b	30.13	+08	53	48	+2	N	6	0	2	b	#	55	45	#	
	Færder (Christiania Fjord)	29.91	60	SW	2	b	30.03	+08	57	50	+1	NNE	6	bc	4	b	#	64	54	-	
	Skagen (The Scaw)	29.94	54	WNW	1	b	30.01	+06	58	52	+1	NE	1	0	0	b	#	66	52	-	
BRITISH ISLANDS.	Faro ...	30.06	53	WNW	5	c	30.07	+06	53	49	-4	WNW	5	0	#	c	#	61	50	-	
	Sumburgh Head	30.09	53	W	0	b	30.05	-03	52	50	+1	SE	3	0	3	bc, b	#	54	44	-	
	Stornoway ...	30.00	58	E	1	0	29.97	-11	56	55	+2	W	3	0	2	b, 0	7.2	61	50	0.02	
	Wick ...	30.07	51	S	4	c	30.01	-11	55	54	+1	S	1	om	1	c, p	#	60	50	0.03	
	Nairn ...	30.00	57	E	1	c	29.99	-09	57	56	+2	W	0	0	0	c	#	62	51	0.06	
	Aberdeen ...	30.09	53	S	3	b	30.06	-06	58	55	+4	SSW	3	09	2	b	10.4	58	50	-	
	Leith ...	30.02	62	NE	1	0	30.05	-04	56	55	-3	W	0	om	#	0	#	65	54	-	
	Shields ...	30.11	55	SSE	3	0	30.09	-05	55	53	+4	SSW	3	0	2	0	#	55	50	-	
	Spurn Head ...	30.10	54	E	3	c	30.12	+03	55	55	0	ESE	3	0	3	c	#	59	52	-	
	York ...	30.11	59	E	1	0	30.13	+01	57	53	+2	SSE	1	0	#	0	1.4	64	51	-	
GERMANY & HOLLAND.	Loughborough ...	30.08	62	E	2	0	30.12	+02	57	54	+2	ESE	2	bc	#	om, c, 0	#	68	53	-	
	Ardrossan ...	30.00	62	SSE	1	om	30.03	-03	57	57	-2	SSW	1	of	1	bm, om	#	66	57	0.09	
	Malin Head ...	29.95	64	S	2	0	30.03	-01	55	54	+2	ESE	1	om	0	0	#	64	51	-	
	Belmullet ...	29.99	57	WSW	2	0	30.03	+02	57	55	+4	WSW	1	0	#	om, 0	#	60	49	-	
	Donaghadee ...	30.01	58	SSE	4	b	30.06	-00	56	55	+1	SSW	4	0	2	0	#	60	52	0.12	
	Liverpool (Bidston)	30.04	63	ESE	3	c	30.07	-00	61	58	+7	ESE	3	bc	2	p, c	#	64	53	0.05	
	Holyhead ...	30.04	62	SSW	2	bc	30.04	+02	65	62	+5	S	1	bcm	1	bc	#	68	55	-	
	Parsonstown ...	29.98	68	W	0	c	30.03	+01	59	58	+1	W	0	0	#	c	2.4	70	57	-	
	Valencia ...	30.01	59	S	2	om	30.03	+06	59	58	-3	SSW	1	09	2	0, om	0.7	66	55	-	
	Roche's Point ...	30.04	61	S	2	bc	30.04	-00	59	59	+2	SE	1	09	2	bc, f	#	65	55	-	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.04	63	HW	2	b	30.02	-01	62	61	+3	SE	4	09	2	b	10.7	69	58	-	
	Scilly ...	30.01	65	NNE	1	c	29.98	-03	61	59	-2	E	4	f	1	b, c	11.3	70	58	-	
	Prawle Point ...	30.02	61	E	2	f	30.03	-00	57	57	-4	ENE	3	om	2	f	#	64	57	-	
	Jersey (St. Aubin's)	29.98	73	ENE	3	bm	30.01	-03	60	60	-2	NE	3	om	3	om	#	69	58	-	
	Hurst Castle ...	30.03	67	W	0	bm	30.01	-03	60	60	-2	NE	3	om	3	om	#	69	58	-	
	Dungeness ...	30.03	60	ENE	3	0	30.00	-03	61	59	+3	NE	4	0	3	0, of	#	65	57	-	
	North Foreland	30.06	57	NNE	3	0	30.08	+04	60	57	+3	E	4	0	3	0	#	60	55	-	
	London (Brixton) ...	30.06	62	NE	1	09	30.05	-01	58	57	+1	E	3	0	#	09, pd	0.0	63	55	0.01	
	Oxford ...	30.07	60	NE	1	0	30.08	+01	56	55	+1	NE	2	0	#	0	#	62	54	-	
	Cambridge ...	30.08	63	E	1	0	30.11	+03	57	55	+1	E	1	bc	#	09	0.0	64	51	-	
PENINSULA.	Yarmouth ...	30.09	58	NE	4	b	30.11	+07	57	55	+1	E	4	b	4	bc, b	#	63	53	-	
	Cuxhaven ...	30.04	61	N	3	b	30.12	+13	57	52	-2	HW	3	0	#	r, b	#	63	54	0.08	
	Berlin ...	29.92	73	WNW	4	c	30.05	+12	63	57	-13	HW	3	0	#	c	#	91	58	-	
	Wiesbaden ...	#	#	#	#	#	30.04	+03	71	67	+3	N	1	0	#	#	#	84	63	-	
	Munich ...	30.05	72	?	1	b	30.10	-01	71	66	0	E	1	0	#	b	#	81	59	-	
	The Helder ...	30.06	60	NE	3	b	30.18	+18	58	53	-1	ENE	1	0	2	b	#	61	57	-	
	Brussels ...	#	#	#	#	#	30.06	+06	61	59	-10	ENE	2	0	#	c	#	79	58	-	
	Cape Gris Nez ...	30.00	57	E	4	f	29.99	-01	60	60	+4	E	4	f	3	f	#	61	54	-	
	Paris ...	29.96	80	ENE	1	bc	29.95	-08	74	69	+2	NE	2	0	#	bc	#	89	66	0.04	
	Brest ...	29.98	73	NE	3	bc	29.92	-08	62	61	0	NE	2	0	1	bc	#	82	57	0.04	
FRANCE & BELGIUM.	Lorient ...	29.93	76	N	2	c	29.87	-11	63	63	0	ENE	3	0	2	c	#	88	61	0.28	
	Rochefort ...	29.87	72	HW	4	c	29.91	-05	66	66	-3	S	3	0	#	0, c, ter	#	84	63	0.79	
	Belfort ...	29.93	83	HW	1	b	30.02	-00	68	65	-1	ENE	1	0	#	b	#	87	53	-	
	Lyons ...	?	75	SSE	1	b	30.00	-02	71	59	+2	S	1	bc	#	b	#	90	62	-	
	Nice ...	30.01	71	SW	2	b	30.02	-02	71	59	-3	W	0	0	#	b	#	84	63	-	
	Perpignan ...	29.91	74	SE	3	c	29.99	-03	69	65	-2	W	0	0	#	c	#	82	58	-	
	Biarritz ...	29.90	70	S	3	b	29.90	-03	70	63	+1	S	2	0	2	ter	#	84	63	0.20	
	Corunna ...																#				
	Lisbon ...	30.02	64	WSW	4	b	30.06	+09	65	61	+1	ENE	3	bc	#	b	#	70	59	-	
	Azores (P. Delgada)	30.20	68	WSW	4	0	30.16	-02	68	67	+1	WSW	1	m	2	0	#	73	66	0.04	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport. 0.6 hrs;

WEATHER CHARTS

FOR *Saturday, 26th May, 1897.*

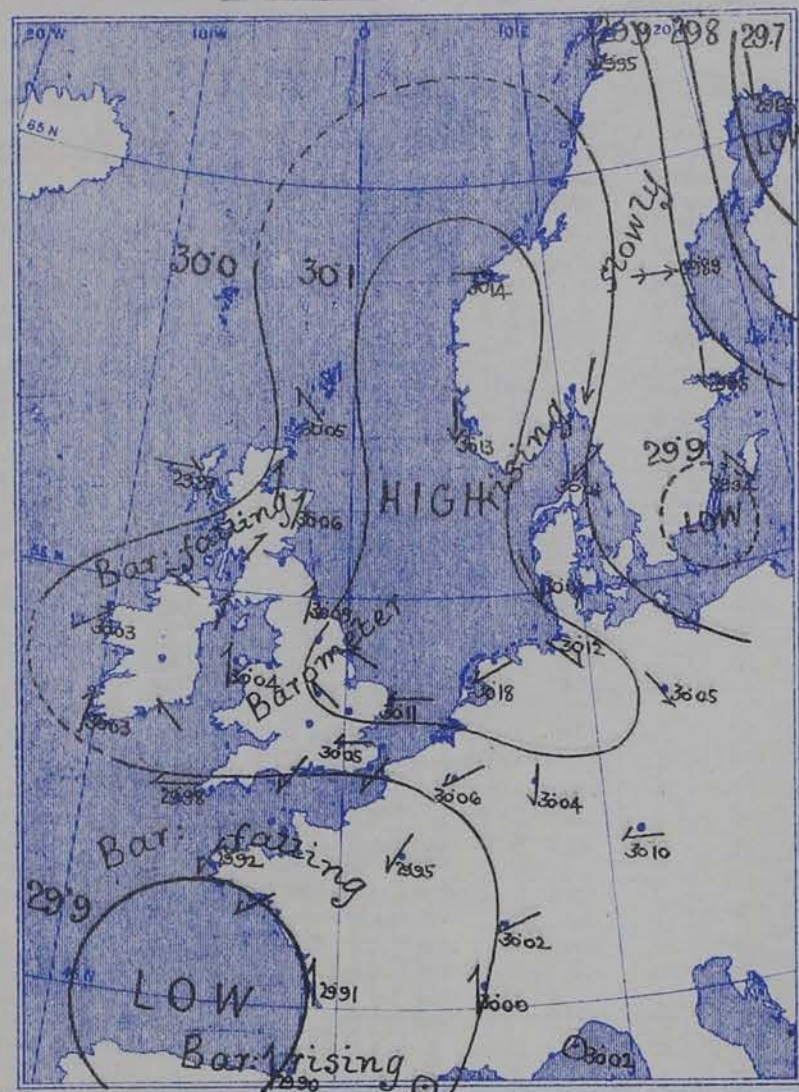
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough \equiv ; High \equiv



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: and more over the North Sea, Holland, and the East of England, and exceeding 30.0 in: over nearly the whole of our Islands, Norway, Denmark and Germany.
 Lowest, 29.7 in: over Finland, and below 29.9 in: both over the south of Sweden and the Bay of Biscay.
 Gradients slight except over Scandinavia. Distribution, though mainly anticyclonic, is of an unsettled type.
 Barometer falling over France and over the northwest of Scotland; changing very little elsewhere, but inclined to rise over Ireland.

TEMPERATURE

Highest, 74° at Paris, and 71° to 66° over most parts of France and Western Germany; 62° to 57° over the southern counties of England, 61° at Wicky.
 Lowest, 46° to 48° over England and the north of Norway, 52° at Lumburg Head.
 Its distribution therefore is very irregular, and the changes in progress are slight.

WIND

Strong in the southeast of Norway and on the Danish coasts - moderate to slight elsewhere, and mainly anticyclonic.
 In the Channel there is a light breeze from ENE, but over the southeast of France the wind is S².

WEATHER

Fine over our Islands as a whole, but dull and gloomy in many localities - especially in the south - rainy at Hookinbunt. Over the greater part of the Continent it is fine, but thunder and rain are prevalent on the coasts of Brittany.
 A little rain has fallen at several of our northern and western stations, and a large quantity in several parts of France, where thunderstorms have been very prevalent. Bright Sunshine recorded yesterday was at London and Cambridge 1 hour, Southport 4¹/₂ hours, rather more than half an hour, but Selly, Pembroke and Abbeystead had between 10 and 11 hours.

SEA

Moderate at Falmouth, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine weather is probable over the greater part of England today, but the thunderstorms over France will probably reach the southern parts of England later.

FORECASTS

For the 24 hours ending at NOON on 27th JUNE, 1897.

DISTRICTS.



FORECASTS.

0	SCOTLAND NORTH	S ² and W ² winds, varying; some rain at times.
1	SCOTLAND EAST	
2	ENGLAND N.E.	SE ² and S ² winds, light; fine.
3	ENGLAND EAST	Same as No 5.
4	MIDLAND COUNTIES	Same as No 2.
5	ENGLAND SOUTH	E ² and NE ² winds; fine today, perhaps thundershowers tonight or tomorrow.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	S ² to W ² winds; weather changeable, some showers.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Very Variable winds; some rain, thunder locally.
9	IRELAND NORTH	Varying S ² winds; showery, changeable.
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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes	30.10	55	48	N	6	b	2	Valencia	30.00	62	59	E	3	0	4
Sumburgh Head	30.09	51	47	NNW	1	bc	2	Scilly	30.02	66	61	NNW	2	b	0
Stornoway	30.04	61	60	E	3	b	3	Jersey	30.00	79	70	NE	2	b	2
Aberdeen	30.11	55	50	SSW	3	b	2	Hurst Castle	30.04	65	63	ESE	1	om	1
Shields	30.14	53	52	ENE	2	0	3	Dungeness	30.03	64	60	ESE	2	0	1
Ardrossan	30.01	64	60	SH	1	b	0	North Foreland	30.05	58	56	ENE	3	0	2
Malin Head	29.97	61	59	SE	1	0	0	London (Westminster)	30.05	63	60	NE	1	og	#
Belmullet	29.98	59	57	SSW	1	om	#	Yarmouth	30.07	60	56	NE	4	bc	4
Holyhead	30.03	67	64	SSW	1	of	0	Rocheport	29.93	76	73	NW	1	0	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southern, central and eastern Europe, as well as in many parts of Sweden and Denmark; very varied over the British Islands, with fog and mist on many parts of our western and southern coasts. Raining over the Netherlands and in the north of Finland. Rain and thunder later in the west of France, and showers locally in several parts of the British Islands, and very generally over Scandinavia.

Temperature fallen rapidly over the eastern and central parts of England. Morning readings highest 81° at Aumale, 81° at Paris, and above 70° at many stations in southern, southern, and southeastern Europe; 76° at Berlin and Newfahrwasser, 67° at Moscow. Lowest, 46° in the northwest of Norway, 50° at Uleaborg, 51° at Sumburgh Head and Shields, 53° at Malin Head, and below 60° over almost the whole of our Islands. Rising later to 70° at Banoutown and Lill, to 83° at Paris, 80° at Lyon, 81° at Berlin, but not exceeding 65° over the greater part of the British Islands.

Wind light and anticyclonic over the United Kingdom, western, and central Europe; NW and strong over northern Europe. Becoming S at the Irish station later, and variable (cyclonic) over the Bay of Biscay and west of France.

Barometer highest, 30.1 in: and more to 30.0 in: in a complex anticyclone covering the British Islands and the greater part of Western Europe. Lowest below 29.5 in: in a well marked depression over northern Europe, below 29.9 in: in a shallow system over the Black Sea, and below 30.0 in: in another over the Bay of Biscay and northwest of Spain. Rising over northern Europe later, but a new shallow depression approaching the northwest of our Islands from the Atlantic.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday, 27th June, 1897.
Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
				At 32° and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 32.)	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.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
SCANDINAVIA.	Haparanda ...	29.78	51	N	4	c	29.95	+ .32	52	46	+ 8	NNW	4	b	#	c	#	63	37	—	
	Hernösand ...	30.01	56	NNW	6	b	30.10	+ .21	53	46	+ 1	NNW	6	b	#	b	#	66	45	—	
	Stockholm ...	30.10	55	S	2	b	30.18	+ .23	55	50	— 1	NNW	2	b	#	b	#	66	50	—	
	Wisby ...	30.10	53	SSE	4	b	30.20	+ .26	57	55	— 4	W	4	b	#	b	#	64	50	—	
	Karlstad ...	30.10	63	NNW	2	b	30.19	+ .21	60	51	+ 2	SE	2	b	#	b	#	#	#	—	
	Bodo ...	30.13	46	W	1	o	30.25	+ .30	46	43	0	WSW	4	bc	2	o	#	50	43	0.04	
	Christiansund ...	30.23	50	ESE	1	b	30.24	+ .10	51	48	+ 3	ESE	3	b	3	b	#	51	43	—	
	Skudesnaes ...	30.18	54	SW	4	b	30.10	+ .07	58	52	+ 5	L	0	b	0	b	#	58	45	#	
	Færder (Christiania Fjord)	30.10	62	W	3	b	30.19	+ .16	64	59	+ 7	SW	2	b	1	b	#	64	57	—	
	Skagen (The Scaw)	30.14	57	NW	1	b	30.19	+ .18	60	56	+ 2	NNE	1	b	0	b	#	70	50	—	
Faro ...	30.13	54	N	2	b	30.15	+ .08	59	56	+ 6	ENE	2	b	#	b	#	64	50	—		
BRITISH ISLANDS.	Sumburgh Head	30.05	54	SW	1	o	30.11	+ .06	48	48	— 4	NE	2	f	4	o	#	55	45	—	
	Stornoway ...	30.03	61	E	1	bc	30.02	+ .05	57	57	+ 1	E	1	o	1	o, bc	4.2	65	48	—	
	Wick ...	30.10	58	S	1	c	30.09	+ .08	56	54	+ 1	S	1	bc	1	c	#	64	47	0.01	
	Nairn ...	30.02	61	E	2	cm	30.05	+ .06	56	55	— 1	L	0	cm	1	cm	#	71	53	—	
	Aberdeen ...	30.05	57	S	2	bc	30.11	+ .05	57	53	— 1	S	3	b	2	bc	1.6	61	50	—	
	Leith ...	30.02	62	L	0	c	30.05	0.0	65	58	+ 9	NE	1	o	#	c	#	67	53	—	
	Shields ...	30.06	56	ESE	4	b	30.10	+ .01	55	53	0	ESE	2	bc	3	b	#	67	49	—	
	Spurn Head ...	30.09	55	ESE	4	bc	30.03	— .09	55	55	0	ENE	4	c	4	bc	#	60	53	—	
	York ...	30.09	65	E	2	b	30.07	— .06	58	53	+ 1	E	1	c	#	b	8.1	69	48	—	
	Loughborough ...	30.04	67	NE	3	c	30.01	— .11	60	57	+ 3	ENE	2	c	#	bc, c, o	#	75	51	—	
GERMANY & HOLLAND.	Ardrossan ...	30.00	65	L	0	cm	29.97	— .06	64	61	+ 7	E	3	cm	2	cm	#	69	57	—	
	Malin Head ...	30.01	57	E	2	bc	29.92	— .11	56	55	+ 1	ESE	3	cm	1	bc	#	59	52	—	
	Belmullet ...	30.01	61	WSW	1	o	29.83	— .20	62	61	+ 5	ESE	2	o	#	c, o	#	64	55	0.05	
	Donaghadee ...	30.02	58	SSW	3	p	29.96	— .10	56	53	0	E	4	c	2	p	#	62	53	0.02	
	Liverpool (Bidston)	30.00	71	ESE	2	c	29.95	— .12	61	55	0	ESE	3	o	2	c	#	73	55	—	
	Holyhead ...	29.99	60	N	2	bc	29.90	— .14	58	58	— 7	E	1	op	1	b, bc	#	65	56	0.05	
	Parsonstown ...	29.98	68	L	0	o	29.86	— .17	62	61	+ 3	L	0	or	#	or, o	0.0	68	58	0.15	
	Valencia ...	29.97	59	L	0	opm	29.79	— .24	62	60	+ 3	SE	1	cm	1	opm	0.0	62	56	0.03	
	Roche's Point ...	30.01	60	ESE	2	bc	29.85	— .19	59	59	0	ESE	3	bc	3	bc	#	66	56	0.15	
	Pembroke (St. Ann's Hd.)	29.95	63	E	2	o	29.85	— .17	60	59	— 2	SE	5	og	3	c, o	4.1	65	59	0.03	
FRANCE & BELGIUM.	Scilly ...	29.92	64	NNE	1	c	29.82	— .16	59	59	— 2	SE	2	fw	0	m, c	1.7	66	57	—	
	Prawle Point ...	29.92	60	NNE	4	r	29.86	— .17	62	61	+ 6	ENE	4	bc	2	bc	#	63	56	0.50	
	Jersey (St. Aubin's)	29.91	66	NNE	3	bc	29.85	— .10	64	62	+ 4	NE	1	cm	1	bc	#	67	58	0.13	
	Hurst Castle ...	29.95	65	ENE	1	r	29.88	— .13	65	63	+ 5	NE	1	cm	1	bc, bc	#	69	59	0.23	
	Dungeness ...	29.93	63	NE	6	c	29.88	— .12	60	59	— 1	NE	4	o	3	bc, bc	#	65	59	0.09	
	North Foreland	30.02	60	E	4	bc	29.95	— .13	59	58	— 1	E	3	o	3	bc	#	63	57	0.04	
	London (Brixton) ...	30.02	66	E	3	c	29.94	— .11	60	58	+ 2	ENE	3	o	#	o, bc, c	6.2	73	57	—	
	Oxford ...	30.01	63	ENE	3	c	29.94	— .14	56	55	0	NNE	2	o	#	c, bc	#	71	53	0.60	
	Cambridge ...	30.06	66	ENE	2	b	29.98	— .13	60	58	+ 3	E	1	r	#	b	11.0	75	50	—	
	Yarmouth ...	30.08	59	ENE	5	b	30.00	— .11	58	55	+ 1	E	5	bc	4	b	#	63	54	—	
PENIN- SULA.	Cuxhaven ...	30.12	61	N	3	b	30.13	+ .01	59	56	+ 2	S	2	b	#	b	#	63	54	—	
	Berlin ...	30.07	68	N	2	b	30.15	+ .10	63	56	0	E	3	b	#	b	#	77	56	—	
	Wiesbaden ...	#	#	#	#	#	30.02	— .02	70	64	— 1	L	0	o	#	#	#	82	64	—	
	Munich ...	30.07	71	E	3	b	30.06	— .04	69	65	— 2	E	3	b	#	b	#	81	59	—	
	The Helder ...	30.08	60	ENE	4	b	30.03	— .15	60	57	+ 2	ENE	4	c	2	b	#	61	57	—	
	Brussels ...	#	#	#	#	#	29.95	— .11	60	59	— 1	ENE	2	o	#	bc	#	77	59	0.71	
	Cape Gris Nez ...	29.92	62	E	5	o	29.88	— .11	62	59	+ 2	NE	2	o	2	o	#	66	59	0.16	
	Paris ...	29.91	76	N	4	o	29.93	— .02	67	64	— 7	SSW	2	o	#	o	#	86	63	0.04	
	Brest ...	29.87	69	NNW	1	b	29.83	— .09	63	60	+ 3	E	1	c	1	b	#	73	55	—	
	Lorient ...	29.88	70	SE	4	bc	29.83	— .04	63	61	0	ESE	4	r	2	bc	#	79	54	0.08	
FRANCE & BELGIUM.	Rochefort ...	29.92	77	SW	2	b	29.91	0.0	66	65	0	W	4	o	#	b	#	79	63	0.08	
	Belfort ...	29.96	67	NE	2	o	29.99	— .03	64	61	— 4	W	1	o	#	o	#	87	57	0.04	
	Lyons ...	29.89	81	S	1	c	30.00	0.0	74	63	+ 3	SE	1	b	#	c	#	89	61	—	
	Nice ...	30.01	73	SW	1	bc	30.06	+ .04	67	62	— 4	L	0	c	1	bc	#	84	63	—	
	Perpignan ...	29.94	71	E	1	c	30.07	+ .08	71	65	+ 2	WSW	2	bc	#	c	#	80	57	0.39	
	Biarritz ...	29.93	71	NNW	3	c	29.99	+ .09	68	65	— 2	SSW	3	o	2	c, l	#	81	64	—	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 8.7 hrs;

WEATHER CHARTS

FOR SUNDAY, 27th JUNE, 1897.

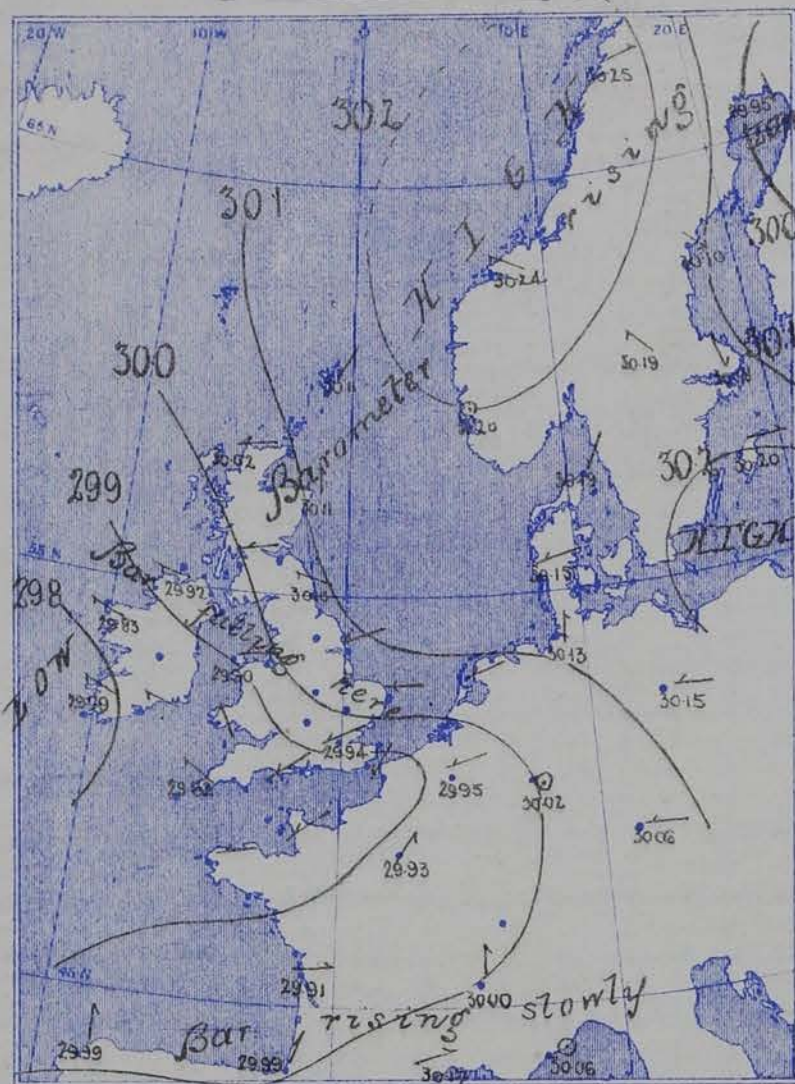
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ≡ : High ≡

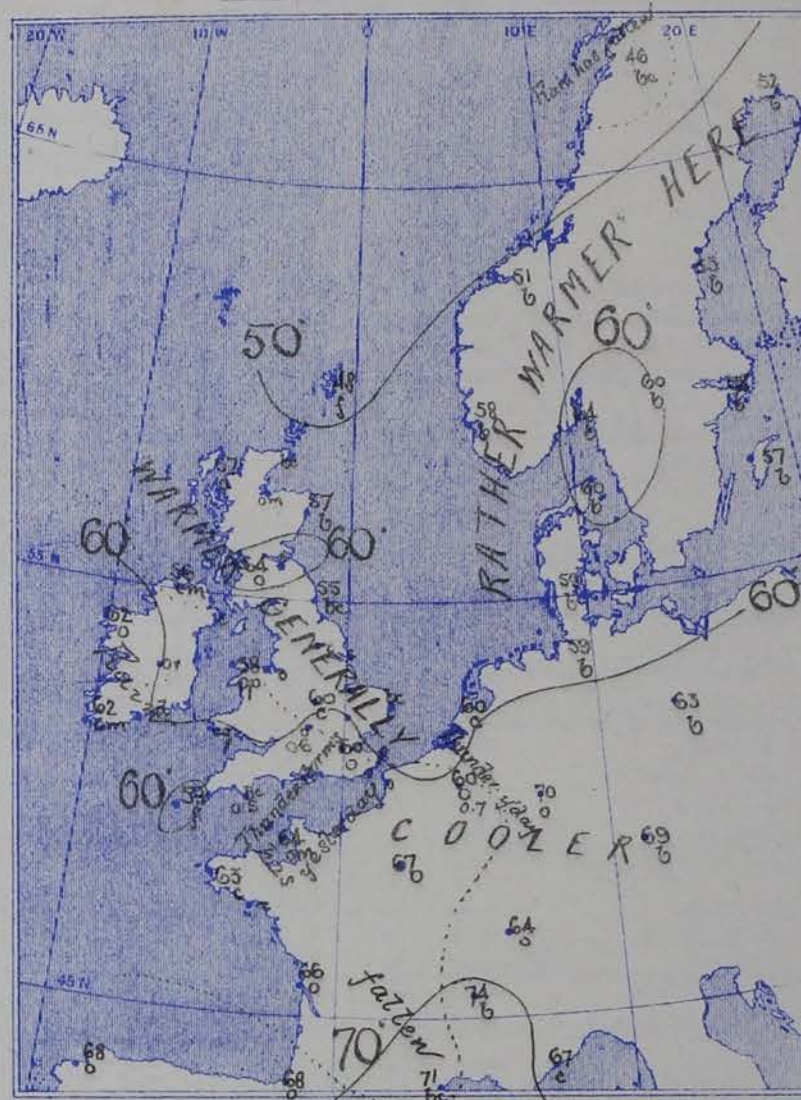


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Seilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.47	34+
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

+ The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in. and more to 30.1 in. over Germany, the Baltic, Scandinavia, and the Shetlands.

Lowest, (1) Below 29.8 in. over the south-west of Ireland, and neighbouring parts of the Atlantic, and below 29.9 in. over the Channel and north-west of France; (2) below 30.0 in. over Finland.

Gradients slight - mainly favourable for E and SE winds over our Islands, and for W and SW winds over Spain and the south-west of France.

Barometer falling over our Islands, rising over Scandinavia and also over Spain and the greater part of France.

TEMPERATURE

Highest, 74° at Lyons, 70° at Marseilles, 67° at Paris, 63° at Berlin, and 62° at Valencia (Ireland).

Lowest, 46° at Porto, 48° at Lumburg, 51° at Christiania, 55° at Shields and Spitzbergen.

The highest of the maxima recorded yesterday ranged from 70° to 75° over the inland parts of England, and touched 77° to 82° at the German stations, 86° at Paris, and 89° at Lyons. Much lower readings are reported at Lisbon and Corunna.

WIND

Light and variable (anticyclonic) over Scandinavia, the Baltic and Germany; SE to E, and light over our Islands, NE over the English Channel, but S to W over France, Spain, and Portugal.

It has varied much in force and direction during the past 24 hours, especially over the southern half of our area.

Fine and bright over Scandinavia, the Baltic, Germany, and the southern parts of France and Spain, dull over the greater part of the British Islands and the north of France, with rain at several of the Irish and English stations and at Lorient, and mist at Lally.

Rain has fallen very generally in the west and south during the past day; as much as 0.50 in. at Throule P., 0.23 in. at West Caith, 0.60 in. at Oxford. At almost all the southern stations and at Oxford thunder and lightning was reported.

Bright Sunshine recorded yesterday, was 11 hrs at Cambridge, 9 hrs at Southport, 8.1 at York, 6.2 hrs in London, about 4 hrs at Aberdeen, Glasgow, and other stations.

WEATHER

SEA

Moderate at Lumburg and Yarmouth, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 28th JUNE 1897.

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.

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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F. WEA. SEA.				BAR.	THER.		WIND.	F. WEA. SEA.		
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	30.17	56	50	NNW	6	b	2	Valencia	30.00	59	58	SSW	1	omp	2
Sumburgh Head	30.05	53	51	SE	3	o	4	Scilly	29.96	64	61	NE	3	m	1
Stornoway	30.02	65	63	S	3	o	3	Jersey	29.93	63	62	NE	3	o	3
Aberdeen	30.06	57	55	S	1	og	2	Hurst Castle	30.08	66	63	? WNW	3	ow	2
Shields	30.08	61	56	E	4	b	3	Dungeness	29.98	65	59	NE	5	bc	4
Ardrossan	30.03	66	64	Z	0	c	0	North Foreland	30.06	63	59	E	4	b	3
Malin Head	30.02	58	57	ESE	2	bc	1	London (Westminster)	30.03	67	62	E	4	bc	#
Belmullet	30.02	64	63	WSW	1	c	*	Yarmouth	30.02	61	56	ENE	4	b	4
Holyhead	30.05	64	61	N	2	b	1	Rocheport	29.95	76	74	SW	3	b	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over almost the whole of Continental Europe, and at most of the stations clear and bright; cloudy or overcast at almost all the British and Irish stations and in the north and west of France, with thunder and rain over Brittany and the Channel Islands, rain at Rocherpoint and fog at many of our southern and western stations. Very changeable later, and thunderstorms over the Channel and the southern half of England.

Temperatures in morning highest 76° at Algiers, and exceeding 70° at many of the stations over southern and southeastern Europe; 74° at Paris, 71° at Westbaden. Lowest 44° at Uleaborg, 46° at Porto, 49° at Archangel; 52° at Sumburgh Head, 53° at Faro, 55° at Malin Head, Shields, and Sumburgh Head. Rising to between 70° and 75° over England later, and to 82° at Westbaden, 86° at Paris, 84° at Nice and 89° at Lyons.

Winds moderate to a gale from between NW. and W. in many parts of Northern Europe, but SW at Archangel; (2) light and anticyclonic over the North Sea, Ireland, England, and many parts of central and southern Europe; (3) Moderate, but cyclonic, over the Bay of Biscay and coast of France, and from W. S. and SE. over the northwest and north of Scotland. Extremely variable over our southern districts later, and blowing strongly from NE. in the Straits of Dover.

Barometer highest 30.1 in. and more over the North Sea, and exceeding 30.0 in. in an anticyclone of very irregular form covering almost the whole of northwestern and Central Europe as well as the Mediterranean and the southern half of Spain. Lowest below 29.2 in. over the White Sea, and below 29.7 in. over the Kola Peninsula, Finland, and the North of Russia; below 29.9 in. over the Bay of Biscay. Rising a little over northern Europe later, changing little and irregularly over the British Islands.

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.
N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each station is the Standard Time of its Country.

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on

Monday, 28th June,

1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Max.	Min.		
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
	Hernösand ...	30.02	54	Z	0	b	29.99	+0.04	51	45	-1	N	4	b	#	b	#	62	46	-	
	Stockholm ...	30.12	62	NW	4	b	30.23	+1.13	58	49	+5	E	4	b	#	b	#	73	46	-	
	Wisby ...	30.17	57	SE	2	b	30.23	+0.05	64	52	+6	WNW	2	b	#	b	#	70	50	-	
	Karlstad ...	30.20	60	SSW	4	b	30.22	+0.02	66	54	+9	SE	4	b	#	b	#	64	46	-	
	Bodo ...	29.94	65	SW	2	b	30.22	+0.03	63	55	+3	Z	0	b	#	b	#	4	4	-	
	Christiansund ...	30.30	50	NW	2	b	30.30	+0.05	50	46	+4	N	2	0	1	b	#	52	43	-	
	Skudesnaes ...	30.26	55	N	1	b	30.22	-0.02	56	51	+5	EHE	1	b	1	b	#	57	46	-	
	Færder (Christiania Fjord)	30.17	59	N	4	b	30.20	-0.00	58	54	0	S	1	b	1	b	#	63	48	-	
	Skagen (The Scaw)	30.21	67	SW	1	b	30.24	+0.05	63	59	-1	Z	0	c	0	b	#	67	59	-	
BRITISH ISLANDS.	Faro ...	30.20	61	Z	0	b	30.24	+0.05	63	58	+3	Z	0	b	0	b	#	77	50	-	
	Sumburgh Head	30.10	61	E	1	b	30.13	-0.02	65	60	+6	E	?	b	#	b	#	79	57	-	
	Stornoway	30.12	54	NE	2	bc	30.14	+0.03	56	51	+8	EHE	2	b	3	bc	#	57	45	-	
	Wick	29.96	64	E	1	0	29.98	-0.04	58	57	+1	Z	0	0	0	bcw. 0	4.9	71	51	-	
	Nairn	30.06	59	S	2	b	30.10	+0.01	56	54	0	S	3	0	2	b	#	64	50	-	
	Aberdeen	29.99	64	Z	0	bc	30.03	-0.02	54	52	-2	Z	0	1	1	bcw	#	65	45	0.02	
	Leith	30.12	55	SSE	2	b	30.08	-0.03	58	54	+1	ESE	2	bc	1	b	#	12.8	60	46	-
	Shields	30.03	56	NE	4	c	30.03	-0.02	54	53	-11	EHE	3	0	#	c	#	66	51	0.06	
	Spurn Head	30.04	54	E	2	0	29.99	-0.11	54	53	-1	NE	2	1	3	0	#	58	51	0.02	
	York	29.94	56	EHE	4	c	29.95	-0.08	58	58	+3	EHE	3	0	3	c.p	#	60	55	-	
GERMANY & HOLLAND.	Loughborough	29.99	64	E	1	c	29.96	-0.11	59	54	+1	N	1	0	#	c	#	6.8	65	43	0.03
	Ardrossan	29.92	63	EHE	4	c	29.95	-0.06	64	63	+4	SSE	2	cm	#	c, op. c. g	#	69	56	0.02	
	Malin Head	29.93	69	EHE	5	cm	29.95	-0.02	54	54	-10	NE	5	pm	2	cm	#	74	51	0.01	
	Belmullet	29.87	63	ESE	3	ogm	29.90	-0.02	52	52	-4	SE	5	ogm	2	c, ogm	#	63	51	0.06	
	Donaghadee	29.81	64	ESE	2	0	29.87	+0.04	59	59	-3	E	1	or	#	0	#	65	57	0.50	
	Liverpool (Bidston)	29.91	59	NHE	3	c	29.94	-0.02	55	53	-1	NE	3	m	1	c	#	61	52	0.01	
	Holyhead	29.90	61	E	3	pm	29.92	-0.03	59	57	-2	E	1	0	?	m, pm	#	71	56	0.02	
	Parsonstown	29.87	65	E	2	ompd	29.89	-0.01	60	59	+2	Z	0	df	0	ompd	#	65	57	0.14	
	Valencia	29.82	66	SE	1	bc	29.85	-0.01	65	62	+3	SE	1	0	#	c, or	2.1	67	59	0.30	
	Roche's Point	29.74	63	SSE	2	opgm	29.79	-0.00	64	61	+2	E	1	0	2	om, gp	0.0	64	57	0.08	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	29.80	59	ESE	3	cf	29.83	-0.02	60	59	+1	ESE	3	0	3	cf	#	60	58	0.10	
	Scilly	29.83	61	SSE	4	r	29.88	+0.03	59	58	-1	SE	4	og	3	c, r	4.0	66	57	0.14	
	Prawle Point	29.80	61	SE	4	0	29.81	-0.01	61	59	+2	SSE	4	c	2	0	0.0	63	58	0.01	
	Jersey (St. Aubin's)	29.85	60	EHE	3	m	29.93	+0.07	59	59	-4	E	2	om	1	om	#	66	57	-	
	Hurst Castle	29.85	70	Z	0	bc	29.97	+0.12	61	60	-3	SSE	2	om	2	cm, bc	#	70	59	-	
	Dungeness	29.84	64	WSW	1	om	29.97	+0.09	61	60	-4	SSW	1	cm	0	om, f	#	66	58	0.01	
	North Foreland	29.87	65	Z	0	bc	29.96	+0.08	65	64	+5	WSW	2	c	1	bc, f	#	67	59	-	
	London (Brixton)	29.89	66	SE	3	c	29.97	+0.02	65	62	+6	SSE	4	b	3	o, cl	#	67	57	-	
	Oxford	29.88	67	E	2	bc	29.96	+0.02	67	64	+7	S	2	c	#	or, bel	0.9	70	59	0.21	
	Cambridge	29.86	64	NE	2	0	29.95	+0.01	64	62	+8	SSE	1	0	#	or, c	#	67	56	0.16	
PENIN- SULA.	Yarmouth	29.88	70	E	2	0	29.96	-0.02	66	64	+6	ESE	1	b	#	op, c. 10	2.2	72	58	0.01	
	Cuxhaven	29.91	60	EHE	5	bc	29.96	-0.04	60	58	+2	SE	1	bc	3	bc	#	63	56	0.02	
	Berlin	30.04	70	SE	2	b	30.08	-0.05	64	60	+5	E	3	b	#	b	#	72	59	-	
	Wiesbaden	30.06	73	SE	4	b	30.14	-0.01	66	58	+3	SE	4	b	#	b	#	81	55	-	
	Munich	#	#	#	#	#	30.11	+0.09	65	63	-5	SE	1	bc	#	#	#	82	63	0.24	
	The Helder	30.13	61	N	4	0	30.22	+0.16	65	61	-4	N	4	c	#	0	#	82	61	0.51	
	Brussels	29.94	66	NE	3	b	30.00	-0.03	65	64	+5	SE	1	0	1	b	#	72	60	0.08	
	Cape Gris Nez	#	#	#	#	#	30.03	+0.08	66	64	+6	SSW	2	0	#	r	#	81	60	0.24	
	Paris	29.88	68	SE	1	c	29.94	+0.06	62	61	0	SSW	1	f	1	c	#	73	61	-	
	Brest	29.95	68	S	3	b	30.06	+0.13	66	62	-1	SSE	1	bc	#	b	#	78	57	-	
FRANCE & BELGIUM.	Lorient	29.92	64	SW	1	c	29.92	+0.09	61	56	-2	S	3	0	3	c	#	75	57	-	
	Rocheport	29.91	66	N	4	c	29.93	+0.10	61	61	-2	Z	0	r	2	c	#	81	59	0.35	
	Belport	30.01	68	WSW	5	c	29.91	-0.00	64	63	-2	SE	4	c	#	c	#	75	61	-	
	Lyons	30.06	68	SW	2	c	30.13	+0.14	66	63	+2	NE	1	b	#	c	#	75	57	0.12	
	Nice	30.02	79	N	1	c	30.07	+0.07	70	64	-4	SSE	1	b	#	p, c	#	86	62	-	
	Perpignan	30.08	70	WNW	1	b	30.10	+0.04	70	64	+3	E	2	b	5	b	#	79	63	-	
	Biarritz	30.04	72	SE	1	b	30.05	-0.02	71	68	0	NE	1	0	#	b	#	81	64	-	
	Corunna	29.99	69	N	3	b	29.91	-0.08	78	67	+10	SSE	2	c	1	b	#	84	63	-	
	Lisbon	30.12	66	WSW	4	b	30.10	-0.02	68	62	+3	WNW	4	c	#	b	#	73	65	-	
	Azores (P. Deigada)	30.30	64	WNW	1	bc	30.33	+0.16	66	61	-2	N	3	c	2	bc	#	72	61	-	

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport 4.7 hrs;

WEATHER CHARTS

FOR *Monday, 28th June, 1897.*

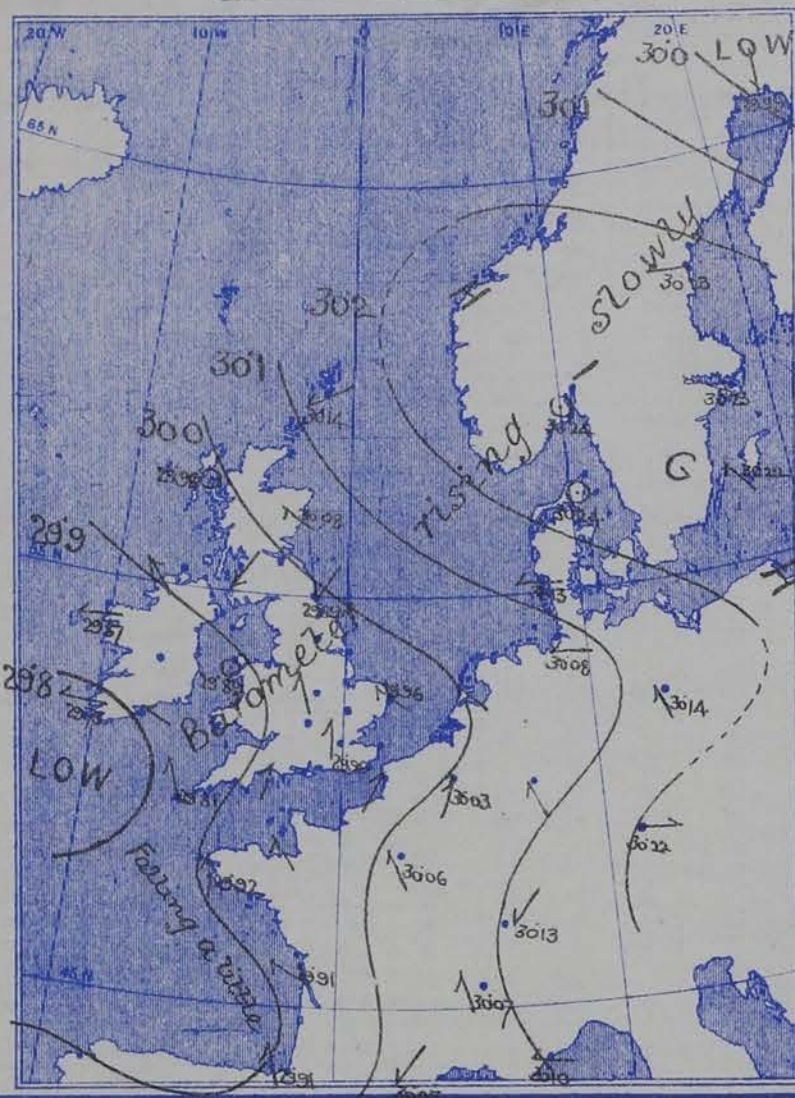
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough \equiv ; High \equiv

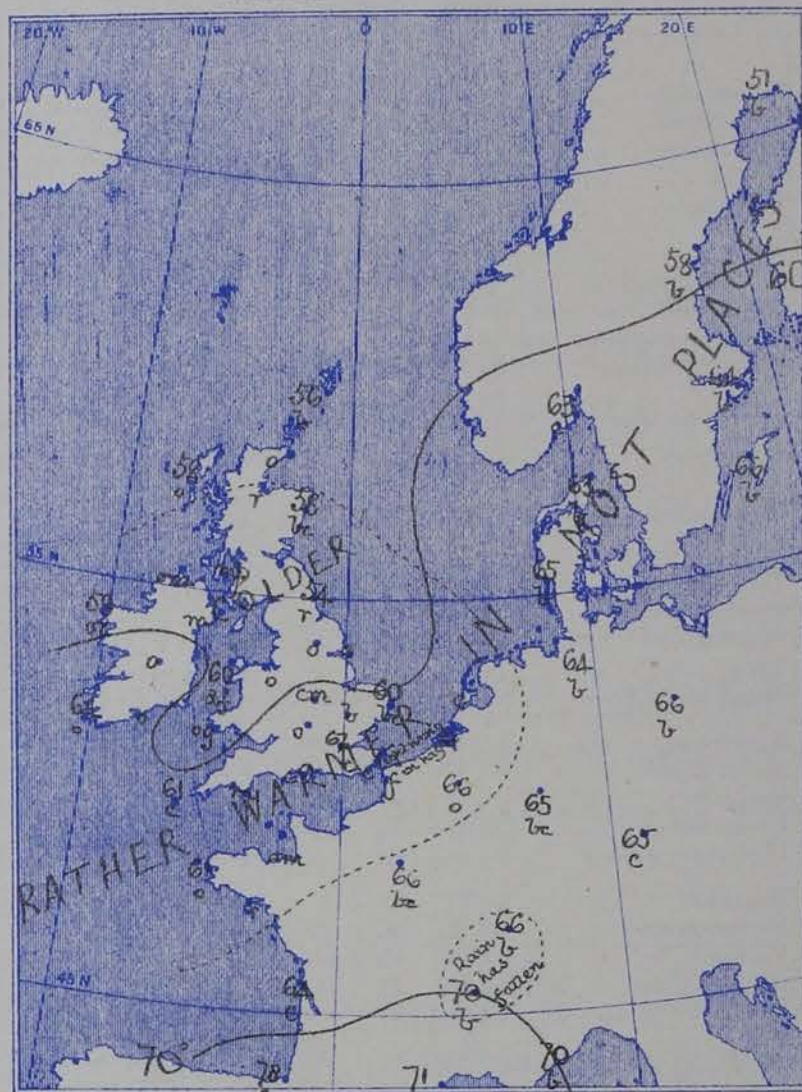


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 in. and upwards over Scandinavia, and exceeding 30.1 in. all over Germany, the East of France, and the southern part of the Spanish Peninsula.

Lowest, Below 29.8 in. off the southeast coast of Ireland, and below 29.9 in. over the Bay of Biscay.

Gradients slight. Distribution rather complex.

Barometer changing little, but fitfully. It has begun to fall a little over the Bay of Biscay.

TEMPERATURE

Highest, 78° at Biarritz, 70° at Nice and Lyons, 67° in London, 66° at Paris, Berlin and Wiesbaden.

Lowest, 54° at Nain, Leith, Androsen and Shields, 52° at Malin Head.

The highest of the maxima registered yesterday, some 70° in London, 71° at Liverpool, 74° at Androsen, 78° at Paris, 81° at Brussels and Berlin, and 86° at Lyons.

WIND

S to E and light, over the greater part of our Islands, but NE at Androsen and Donaghadee; SW to SE over France; WNW at Lisbon.

It has varied greatly in direction between SE and SW. over our southern coasts during the past 24 hours, and has occasionally blown very briskly.

WEATHER

Fine over the Continent and the eastern coasts of England, cloudy elsewhere, with rain at several of our northern and western stations and at Lisieux. It is still far from being settled in any of our districts.

Rain has fallen during the preceding day over the greater part of our Islands, the Netherlands, Brittany and South Germany, and in some localities the fall was heavy. Lightning was seen in the southeast of England at night.

Bright Sunshine recorded yesterday, even 12.3 hrs at Aberdeen, 6.8 hrs at York, nearly 5 hrs at Liverpool, 4 hrs at Pembroke, and 0.9 hrs in London.

SEA

Right or smooth on all our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance is by no means settled, and further thunderstorms, with intervals of bright weather are probable over the southern parts of England.

FORECASTS

For the 24 hours ending at NOON on 29th JUNE 1897.

DISTRICTS.

FORECASTS.

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

SE² breezes, light or moderate;
rain at times, perhaps thunder.

S and SE² winds, light; weather changeable
and close, some showers, thunder in places.

DISTRICTS.

FORECASTS.

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



Same as Nos 0 to 2.

Same as Nos 3 to 5.

E² and SE² winds, weather changeable,
sharp passing 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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes	30.20	69	53	N	2	✓	1	Valencia							
Sumburgh Head								Scilly							
Stornoway	29.98	71	70	ESE	1	bcm	1	Jersey	29.86	65	63	SE	2	c	2
Aberdeen								Hurst Castle							
Shields								Dungeness	29.87	65	61	ESE	4	bc	3
Ardrossan								North Foreland	29.91	61	59	NE	3	0	3
Malin Head	29.88	61	57	ESE	4	c	2	London (Westminster)							*
Belmullet	29.84	64	62	ESE	1	0	*	Yarmouth							
Holyhead								Rochefort	29.99	68	66	WSE	5	0	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 20th TO THE 26th JUNE 1897.

The weather experienced during this week has been of an unusually changeable character.

It commenced with cold NE to NW winds, and unsettled weather, due to a depression of considerable intensity, the central part of which advanced directly across Ireland and England, over our extreme eastern counties on Sunday morning and North Germany on Monday. This was followed by another disturbance in the northwest, causing rather unsettled weather in the extreme northwest of our Islands, but in the south, the east, and northeast an improvement set in.

An anticyclone spread northwards from France after Sunday and on Tuesday really fine, bright, warm weather became prevalent over many parts of the Kingdom, although showers were quickly resumed in the north and west. On Tuesday the thermometer rose to 78° in London; on Wednesday it reached 85°, and on Thursday (under the influence of purely local conditions) it reached 90°.

On this latter day thunderstorms spread over our eastern and southern counties generally, and over the northern and north-eastern suburbs of London there was experienced a squall of wind and heavy rain of the nature of a cyclonic storm, the effects of which were very serious in the places lying directly in its track. The changes of temperature were frequent and large, and by 6 p.m. on the same evening the thermometer in London had fallen 20°.

Friday and Saturday were cooler and less disturbed, but the air was close and on Saturday evening thunderstorms again spread over the southern half of England from the southward, and reached as far north as Oxford.

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.
N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France: at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on *Tuesday, 29th June, 1897.*
 Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
	Barom.	Temp.	Wind.	Force	Weather		Barometer.	Temperature.	Wind.	Force	Weather.	Sea					Temp.			
	At 32° and M.S.L.	Dry Bulb.	Dir.	(0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	(0 to 12.)				Max.	Min.	Rainfall	
SCANDINAVIA.	Ins.	°					Ins.	Ins.	°	°	°						°	°	Ins.	
	Haparanda ...	30.13	54	W	2	b	30.14	+ .15	61	53	+ 10	Z	0	b	#	b	#	66	43	-
	Hernösand ...	30.19	55	Z	0	o	30.15	- .08	58	52	0	NE	2	b	#	o	#	68	48	-
	Stockholm ...	30.23	60	SE	2	b	30.13	- .10	68	59	+ 4	W	2	o	#	b	#	73	50	-
	Wisby ...	30.25	60	SE	4	b	30.20	- .02	63	57	- 3	W	4	b	#	b	#	68	50	-
	Karlstad ...	30.16	69	SW	2	b	30.15	- .07	60	58	+ 3	SW	2	b	#	b	#	#	#	-
	Bodö ...	30.26	48	ENE	4	c	30.24	- .06	51	47	+ 1	Z	0	o	0	c	#	52	45	-
	Christiansund ...	30.22	57	ENE	2	b	30.19	- .03	55	51	- 1	ENE	2	c	2	b	#	61	50	-
	Skudesnaes ...	30.20	64	Z	0	m	30.15	- .05	64	56	+ 6	ENE	2	b	1	b.m	#	65	48	#
	Færder (Christiania Fjord)	30.19	68	SSW	1	c	30.16	- .08	64	62	+ 1	SW	2	b	1	c	#	70	61	-
BRITISH ISLANDS.	Skagen (The Scaw)	30.21	68	S	1	b	30.19	- .05	67	62	+ 4	S	2	b	0	b	#	82	63	-
	Fanö ...	30.12	64	SE	2	b	30.08	- .05	64	62	- 1	SE	3	b	#	b	#	82	61	-
	Sumburgh Head	30.10	54	E	2	c	30.02	- .12	57	55	+ 1	NE	2	b.c	3	c	#	58	50	-
	Stornoway ...	29.99	65	Z	0	o	29.95	- .03	63	62	+ 5	Z	0	b.c	0	c.o	#	65	56	0.02
	Wick ...	29.98	55	S	2	b.c	29.99	- .11	53	53	- 3	S	1	f	1	b.c	#	60	50	-
	Nairn ...	30.00	59	Z	0	r	29.96	- .07	56	56	+ 2	Z	0	m	1	r	#	63	48	0.03
	Aberdeen ...	30.05	56	E	2	b.c	29.99	- .09	62	60	+ 4	E	1	b.c	1	b.c.f	#	62	52	-
	Leith ...	29.99	54	E	2	o	29.98	- .05	54	54	0	ENE	1	m	#	o	#	56	52	0.11
	Shields ...	29.98	56	E	2	o	29.97	- .02	54	54	0	NE	2	f	2	r.o.f	#	57	52	0.06
	Spurn Head ...	29.95	55	ENE	3	c	29.94	- .01	58	58	0	ENE	3	or	3	c.f.t	#	66	55	0.02
GERMANY & HOLLAND.	York ...	29.96	67	E	1	o	29.95	- .01	61	60	+ 2	ENE	1	r	#	o	#	73	56	0.04
	Loughborough ...	29.92	70	SE	2	c	29.92	- .03	63	62	- 1	SE	1	o.g.m	#	c.o.m.p	#	81	59	0.24
	Ardrossan ...	29.95	59	NE	3	of	29.94	- .01	59	59	+ 5	NE	2	of	1	o.of	#	61	53	0.11
	Malin Head ...	29.93	56	SE	3	om	29.94	+ .04	55	55	+ 3	SE	2	m	1	o.o.m	#	57	52	-
	Belmullet ...	29.93	65	NE	1	b	29.97	+ .10	60	59	+ 1	NE	1	o	#	b.c.b	#	68	54	-
	Donaghadee ...	29.97	58	NW	3	m	29.94	+ .00	53	53	- 2	NW	3	f	1	m	#	59	52	-
	Liverpool (Bidston)	29.92	64	NW	1	c	29.90	- .02	62	60	+ 3	Z	0	o	1	c.t.l.r	#	74	59	0.32
	Holyhead ...	29.94	61	N	1	o.p.m	29.91	+ .02	60	59	0	SW	1	om	1	c.m.opm	#	69	56	0.06
	Parsonstown ...	29.89	68	SE	1	c	29.91	+ .06	60	58	- 5	NW	1	r	#	c.r	#	71	58	0.36
	Valencia ...	29.88	62	N	2	c	29.92	+ .13	60	59	- 4	NW	1	om	2	b.c.c	#	74	57	0.05
FRANCE & BELGIUM.	Roche's Point ...	29.90	62	SE	3	b.c	29.91	+ .08	59	57	- 1	N	1	c	3	b.c	#	64	57	0.10
	Pembroke (St. Ann's Hd.)	29.92	61	ESE	3	r	29.91	+ .03	59	58	0	S	2	c	2	c.r	#	64	55	0.81
	Scilly ...	29.84	61	SE	3	r	29.86	+ .05	62	59	+ 1	ESE	1	b.c	2	c.r	#	66	55	0.18
	Prawle Point ...	29.90	58	ENE	3	b.c	29.94	+ .01	58	58	0	ESE	2	b.c	1	p.f	#	61	55	0.16
	Jersey (St. Aubin's)	29.89	63	ENE	2	c.p.t	29.97	+ .00	64	62	+ 3	SE	3	b.m	3	t.r.p	#	64	54	0.53
	Hurst Castle ...	29.94	61	WSW	2	o	29.96	- .01	59	58	- 2	SW	2	om	2	a.t.l.r	#	68	58	1.04
	Dungeness ...	29.94	65	ENE	1	c	29.95	- .01	60	59	- 5	SW	2	cp	2	b.c.kl	#	69	58	0.04
	North Foreland	29.96	68	S	3	c	29.98	+ .01	60	60	- 5	SE	3	o	3	c	#	72	59	0.04
	London (Brixton) ...	29.92	73	S	2	o	29.94	- .02	63	62	- 4	SW	2	o	#	b.c.o.rl	#	77	61	0.05
	Oxford ...	29.94	68	S	2	o	29.92	- .03	64	62	0	SW	2	o	#	c.o.r	#	73	60	0.15
PENINSULA.	Cambridge ...	29.92	75	SW	1	c	29.94	- .02	64	64	- 2	SE	1	r.m	#	b.c	#	81	60	0.06
	Yarmouth ...	29.97	60	SE	3	b	29.97	+ .01	61	60	+ 1	SSE	2	cr	3	b.c.b	#	64	57	-
	Cuxhaven ...	30.05	70	E	1	o	30.04	- .04	65	60	+ 1	SE	3	b.c	#	o	#	72	61	-
	Berlin ...	30.11	74	E	4	b	30.13	- .01	70	59	+ 4	ESE	3	b	#	b	#	84	61	-
	Wiesbaden ...	#	#	#	#	#	30.06	- .05	70	66	+ 5	NE	1	b	#	#	#	79	63	-
	Munich ...	30.18	69	E	3	b	30.15	- .07	68	65	+ 3	E	3	b	#	b	#	75	54	-
	The Helder ...	30.00	73	WSW	1	b	29.99	- .01	68	65	+ 3	E	1	b	#	b	#	73	64	-
	Brussels ...	#	#	#	#	#	29.99	- .04	69	64	+ 3	NW	1	o	#	o	#	78	63	-
	Cape Gris Nez ...	29.93	64	E	1	b.c	29.94	+ .00	62	62	0	WSW	1	o	#	b.c	#	91	59	0.04
	Paris ...	29.93	77	E	2	c	30.04	- .02	66	64	0	ENE	1	b.c	#	c	#	82	63	0.07
FRANCE & BELGIUM.	Brest ...	29.86	60	SSE	2	b.c	29.89	- .03	60	59	- 1	SSE	2	o	1	b.c	#	64	55	0.24
	Lorient ...	29.91	63	WSW	5	r	29.89	- .04	61	59	0	SW	4	c	4	r	#	68	57	-
	Rocheport ...	29.96	67	NW	3	r	30.01	+ .10	63	61	- 1	SW	3	c	#	o.r	#	77	61	0.08
	Belfort ...	29.96	76	NE	2	c	30.00	+ .13	72	64	+ 6	Z	0	m	#	c	#	83	61	-
	Lyons ...	29.93	83	S	3	b.c	30.00	- .07	74	64	+ 4	SSE	1	b	#	b.c	#	89	62	-
	Nice ...	30.07	73	SW	4	b	30.06	- .04	76	65	+ 6	Z	0	b	1	b	#	79	63	-
	Perpignan ...	29.95	74	NE	2	o	30.01	- .04	70	66	- 1	NE	2	b.c	#	o	#	86	61	-
	Biarritz ...	29.98	69	NW	4	o	29.99	+ .08	62	62	- 16	Z	0	flr	2	o	#	78	61	0.32
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	30.12	64	NW	4	b	30.12	- .02	63	56	- 5	NW	4	b.c	#	b	#	72	61	-
	Azores (P. Delgada)	30.36	68	N	4	c	30.33	+ .00	68	65	+ 2	NE	4	c	3	c	#	73	66	-

For Explanation of Columns, see bottom of last page.

† Received too late for Insertion in Charts on next page.

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

Bright Sunshine yesterday Southport... 4.2 hrs;

WEATHER CHARTS

FOR

Tuesday, 29th June, 1897.

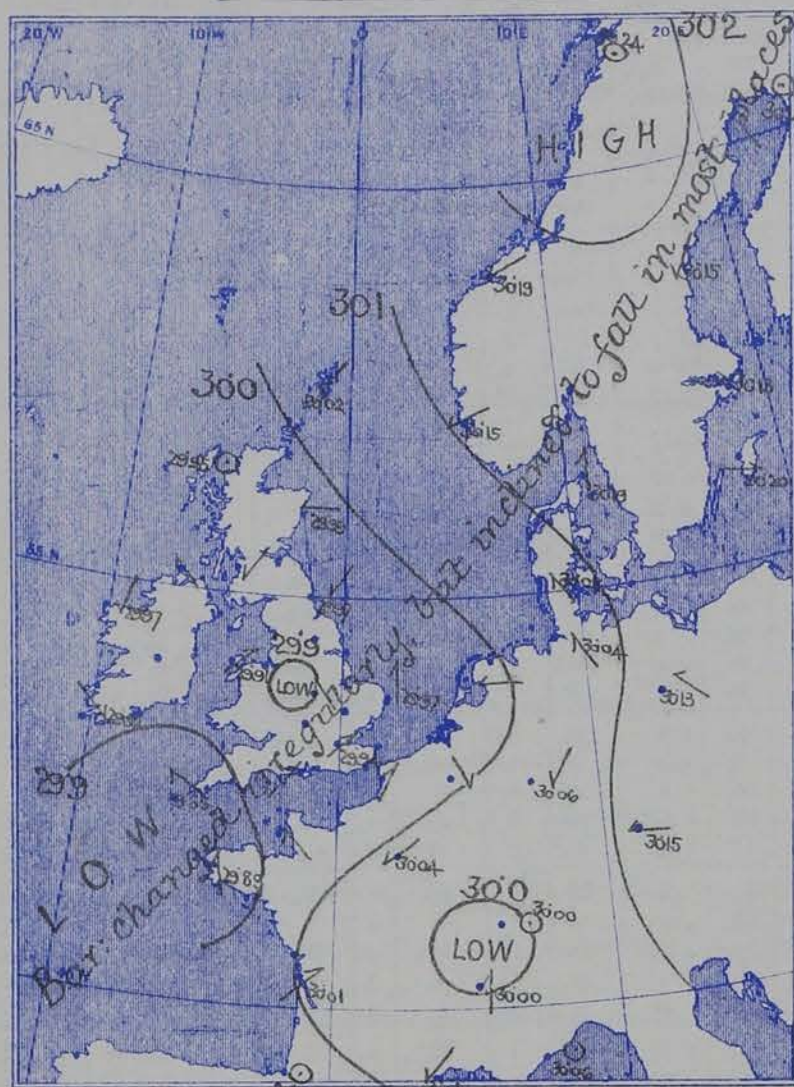
BAROMETER, WIND AND SEA.

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

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

Force above 10 →→→ ; Force 5 to 7 →→→ ; } Calm ○
Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; }

SEA—Rough ≡≡≡ ; High ≡≡≡

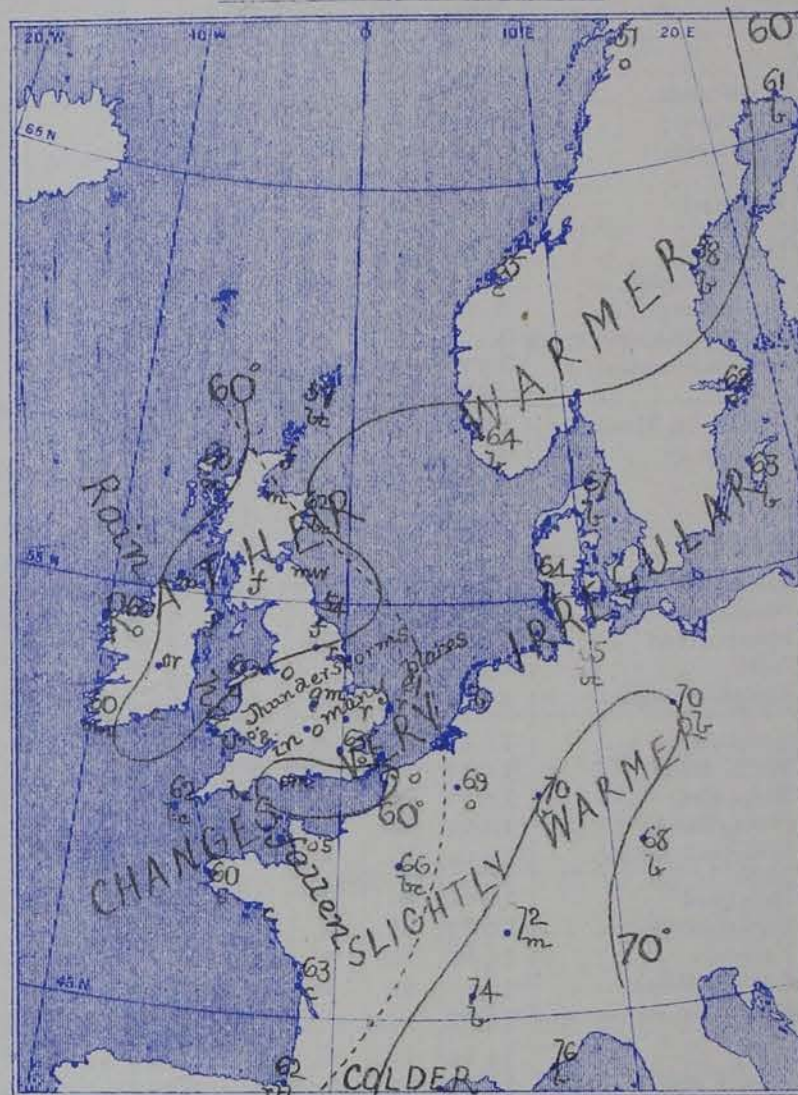


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	52
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE	<p>Highest, 30.2 in. and upwards, over the northern part of Norway; 30.1 in. and upwards over the whole of Scandinavia, the Baltic, and the eastern and southern parts of Germany, and also in Portugal.</p> <p>Lowest, 29.9 in. and less, in a large shallow depression lying off our southern coast and in a shallow system over Wales.</p> <p>Gradients slight. Barometer changing rather irregularly, but inclined to fall in most places.</p>
TEMPERATURE	<p>Highest, 76° at Nice, 74° at Lyons, 72° at Brest, 70° at Berlin, Wiesbaden, and Lufpignan, and 69° at Brussels.</p> <p>Lowest, 51° at Bodø, 53° at Wick and Donaghadee, 54° at Leith and Shields, and 55° at Christianund and Malin Head.</p> <p>During yesterday the thermometer rose to 71° in London, and to 81° at Loughborough and Cambridge.</p>
WIND	<p>Light from the Eth or SEth over the northern and eastern parts of our Islands, as well as over the western part of the Channel and the eastern parts of the North Sea.</p> <p>SWth in the south of England and the coast of France; calm or variable in the central and southern parts of France.</p> <p>Nth or NWth in Ireland. Wth or SWth in the south of Sweden.</p>
WEATHER	<p>Cloudy or dull over all but the south-western part of the United Kingdom, with fog or mist at many of our northern stations, and rain in the north and east of England, as well as at Passau.</p> <p>Fine at most of the Continental stations, but a thunderstorm reported at Biarritz.</p> <p>Since yesterday morning rain has fallen in most parts of our Islands and France, heavily at some of our southern stations.</p> <p>Thunder and lightning have occurred in many parts of England.</p>
SEA	<p>Slight or smooth generally.</p>


PROBABLE CHANGES IN SYSTEM NOW PREVALENT


The general appearance is still somewhat unsettled, the distribution of pressure being favourable for the development of shallow thunderstorm depressions over various parts of England and France.

FORECASTS

For the 24 hours ending at NOON on 30th JUNE 1897.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E th and SE th winds, light; fair at first, some showers later, possibly thunder.	6 SCOTLAND WEST	Same as N° 2
1 SCOTLAND EAST		7 ENGLAND N.W.	Light variable airs; changeable, some rain, thunder locally.
2 ENGLAND N.E.	E th and NE th winds, light; changeable, some rain, thunder locally.	8 ENGLAND S.W.	SE th winds, light; changeable, some showers, thunder locally.
3 ENGLAND EAST	Varying S th breezes; close, changeable, thundershowers in places.	9 IRELAND NORTH	Light breezes, chiefly N th ; changeable, some 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.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	30.21	65	53	W	4	b	1	Valencia	29.83	74	64	SE	2	bc	3
Sumburgh Head	30.12	57	54	ESE	2	c	3	Scilly	29.85	65	62	SE	3	c	3
Stornoway	29.99	65	64	Z	0	c	0	Jersey	29.95	62	61	SE	2	o	2
Aberdeen	30.07	59	55	E	2	bc	1	Hurst Castle	29.95	66	64	Z	0	o	1
Shields	29.99	56	55	E	1	o	3	Dungeness	29.99	65	61	SW	2	bc	1
Ardrossan	29.95	60	60	NE	2	o	1	North Foreland	29.98	71	65	S	3	c	3
Malin Head	29.92	55	54	ESE	5	o	2	London (Westminster)	29.95	77	69	SW	2	o	#
Belmullet	29.90	66	65	E	1	bc	#	Yarmouth	29.97	63	60	SE	2	bc	3
Holyhead	29.95	63	61	E	1	cm	1	Rocheport	29.91	73	60	SW	3	o	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull over the greater part of our Islands, with rain at several of the northern stations. Fine in the east of England and also over the Continent as a whole, but cloudy over Spain and the west of France, with rain at Lisieux. Rain falling later in many parts of our Islands and France, heavily at some of our southern stations. Thunder and lightning occurring in many of the English districts.

Temperature fallen at many of our own western and northern stations and also in France, risen in most other parts of Europe. Morning readings highest 84° at Annale, 83° at Brindisi and 82° at Trieste; above 75° at several of the southern stations, and above 65° over the more central parts of Europe generally. Lowest 43° at Archangel, 50° at Rostock, and 51° at Haparanda and St. Petersburg; below 55° at some of our own northern stations. Rising during day to 80° or more in some of the inland parts of England, exceeding 85° at some of the French stations, and reaching 89° at Lyons.

Wind light to moderate from the E^W or SE^W over Western Europe generally, but NE^W in the north of England and the south of Scotland. N^W or NW^W over Russia and also over Italy and the Adriatic, W^W in Austria; variable at the Mediterranean stations. Subsequently becoming very variable in Ireland, veering to the W^W in the west of France.

Barometer highest 30.2 in: and upwards in a large anticyclone lying over Scandinavia and the Baltic, 30.1 in: and upwards in another system lying to the southward of the Spanish Peninsula. Lowest 29.8 in: and less in a shallow depression off the south of Ireland, and also in a large area over Central Russia. Small secondary disturbances forming later over France and the Bay of Biscay and spreading northwards to our own southern districts.

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.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on

Wednesday, 30th June,

1897.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.			BAROMETER.		TEMPERATURE.			WIND.			Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall	
At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	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.	Weather.	Max.	Min.						
Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.				
SCANDINAVIA.	Haparanda ...	30.12	53	N	2	b	30.02	- .12	57	55	- .4	N	2	0	#	b	#	66	43	Ins.	
	Hernösand ...	30.14	54	Z	0	0	30.03	- .12	56	53	- .2	SW	4	0	#	0	#	64	50	-	
	Stockholm ...	30.09	65	EHE	2	bc	30.04	- .09	69	63	+ .1	ESE	2	bc	#	bc	#	79	57	-	
	Wishby ...	30.12	65	S	4	b	30.08	- .12	64	57	+ .1	SW	4	b	#	b	#	73	52	-	
	Karlstad ...	30.06	72	Z	0	b	30.01	- .14	66	60	0	SSW	4	0	#	b	#	#	#	-	
	Bodo ...	30.12	50	NHE	2	b	29.95	- .29	52	49	+ .1	NHE	2	0	1	b	#	54	43	-	
	Christiansund ...	30.06	60	EHE	1	0	29.88	- .31	56	54	+ .1	EHE	1	0	3	0	#	61	54	-	
	Skudesnaes ...	30.08	63	Z	0	b	30.00	- .15	58	5	- .6	Z	0	b	0	b	#	69	55	#	
	Færder (Christiania Fjord)	30.07	70	SSE	1	c	29.98	- .18	65	61	+ .1	S	4	m	2	c	#	7	64	-	
	Skagen (The Scaw)	30.07	68	S	2	bc	30.01	- .18	67	63	0	S	1	c	0	bc	#	81	64	-	
BRITISH ISLANDS.	Faro ...	29.99	68	Z	0	c	29.95	- .13	66	64	+ .2	S	1	c	#	c	#	84	64	-	
	Sumburgh Head	29.95	60	Z	0	b	29.98	- .04	51	51	- .6	NNE	1	f	2	b	#	64	49	-	
	Stornoway ...	29.97	65	N	2	b	30.05	+ .10	56	55	- .7	EHE	2	0	2	b	#	11.5	71	50	
	Wick ...	29.98	56	S	1	b	30.05	+ .06	52	52	- .1	NW	3	0	2	b	#	64	50	-	
	Nairn ...	29.92	65	Z	0	bc	30.02	+ .06	53	53	+ .5	Z	0	b	1	bc	#	68	53	-	
	Aberdeen ...	29.97	55	SE	2	bcf	30.04	+ .05	60	57	- .2	NW	3	bc	1	bcf	#	64	53	-	
	Leith ...	29.95	58	EHE	2	0	30.01	+ .03	56	55	+ .2	EHE	1	om	#	om	#	60	53	-	
	Shields ...	29.96	55	EHE	1	f	29.99	+ .02	55	55	+ .1	NW	1	rf	2	f	#	56	52	0.01	
	Spurn Head ...	29.93	60	E	3	c	29.98	+ .04	64	62	+ .6	NE	1	b	2	r.c.o	#	64	57	0.02	
	York ...	29.92	72	E	1	c	29.99	+ .04	64	61	+ .3	NHE	1	0	#	c	#	2.2	73	57	0.17
GERMANY & HOLLAND.	Loughborough ...	29.92	75	SW	2	b	30.01	+ .09	61	60	- .2	Z	0	omw	#	c.bc.om	#	77	58	-	
	Ardrossan ...	29.91	66	NHE	2	pm	29.99	+ .05	59	59	0	N	1	of	0	o.p.m	#	69	55	0.16	
	Malin Head ...	29.95	58	N	3	om	30.02	+ .08	56	56	+ .1	NW	4	c.p.m	2	o.om	#	60	53	0.03	
	Belmullet ...	30.03	61	NE	2	om	30.10	+ .13	57	56	- .3	EHE	2	0	#	0	#	64	53	-	
	Donaghadee ...	29.95	59	NW	3	f	30.01	+ .07	57	57	+ .4	NW	3	f	1	f	#	59	52	0.08	
	Liverpool (Biston)	29.93	59	NW	1	r	30.03	+ .13	60	56	- .2	N	2	bc	1	m.p	#	68	55	0.12	
	Holyhead ...	29.95	61	SW	2	c	30.01	+ .10	61	59	+ .1	SW	2	om	1	c	#	66	53	-	
	Parsonstown ...	29.92	63	Z	0	0	30.03	+ .12	62	60	+ .2	Z	0	0	#	r.o	#	1.0	68	58	0.09
	Valencia ...	29.94	60	NW	1	cm	30.05	+ .13	61	60	+ .1	NW	1	om	2	p.cm	#	0.0	68	56	0.23
	Roche's Point ...	29.94	63	S	3	bc	30.05	+ .14	60	58	+ .1	N	1	bcf	2	c.bc	#	66	56	-	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	29.95	62	N	1	bc	30.02	+ .11	63	61	+ .4	S	2	b	2	bc	#	10.4	65	57	-
	Seilly ...	29.89	59	NE	3	opm	29.96	+ .10	62	59	0	NE	3	c	2	bc.o.p.m	#	6.1	64	57	0.11
	Prawle Point ...	29.95	60	E	2	bc	30.00	+ .06	63	61	+ .4	EHE	2	bc	2	bc	#	63	56	-	
	Jersey (St. Aubin's)	29.95	65	SE	3	bc	30.01	+ .04	62	61	- .2	E	3	or	3	c.p.bc	#	67	58	0.02	
	Hurst Castle ...	29.98	62	SEW	1	c	30.02	+ .06	65	63	+ .6	Z	0	c	0	c	#	67	55	-	
	Dungeness ...	29.98	60	Z	0	c	30.02	+ .07	69	62	+ .9	EHE	1	b	0	bc.c	#	69	53	-	
	North Foreland	29.93	63	SW	2	r	30.04	+ .06	67	60	+ .7	N	3	b	2	c.r	#	72	65	0.03	
	London (Biston) ...	29.95	70	SE	2	c	30.04	+ .10	70	60	+ .7	NW	1	b	#	c.bc	#	4.8	75	53	-
	Oxford ...	29.96	65	SSW	1	bc	30.03	+ .11	64	58	0	NW	1	b	#	bc	#	74	52	-	
	Cambridge ...	29.94	72	SSE	1	0	30.03	+ .09	65	60	+ .1	SW	1	bw	#	c.f.o	#	1.9	75	52	-
PENIN- SULA.	Yarmouth ...	29.97	63	SSE	2	c	29.99	+ .02	67	62	+ .6	N	2	b	2	c	#	67	59	0.03	
	Cuxhaven ...	30.00	73	N	2	b	29.92	- .12	69	68	+ .4	E	1	c	#	b	#	75	64	-	
	Berlin ...	30.02	78	ESE	1	b	30.00	- .13	73	64	+ .3	ESE	2	c	#	b	#	90	64	-	
	Wiesbaden ...	#	#	#	#	#	30.04	- .02	70	67	0	NE	1	b	#	#	#	86	66	0.51	
	Munich ...	30.10	71	NE	3	b	30.12	- .03	71	65	+ .3	NW	1	b	#	b	#	82	57	-	
	The Helder ...	29.92	68	NE	1	c	29.99	0.0	63	61	- .5	NW	1	0	1	c	#	72	63	0.95	
	Brussels ...	#	#	#	#	#	30.04	+ .05	63	63	- .6	Z	0	f	#	0	#	80	60	0.04	
	Cape Gris Nez ...	29.97	62	SE	1	r	29.99	+ .05	65	63	+ .3	S	1	b	0	r	#	68	57	0.04	
	Paris ...	30.00	68	N	1	b	30.05	+ .01	64	64	- .2	Z	0	b	#	b	#	75	59	0.04	
	Brest ...	29.92	61	S	3	c	29.97	+ .08	58	57	- .2	E	2	0	2	c	#	63	54	0.20	
FRANCE & BELGIUM.	Lorient ...	29.95	64	S	5	r	29.97	+ .08	62	60	+ .1	S	2	c	2	r	#	68	57	0.04	
	Rochefort ...	29.99	69	NW	3	bc	30.00	- .01	61	61	- .2	SE	3	bc	#	o.bc	#	73	59	-	
	Belfort ...	29.91	84	NE	1	b	30.06	+ .06	68	65	- .4	NE	1	0	#	b	#	88	63	-	
	Lyon ...	29.87	78	SSW	2	c	30.04	+ .04	66	65	- .8	NW	1	r	#	c.l	#	95	64	-	
	Nice ...	30.03	81	S	6	b	30.05	- .01	78	62	+ .2	Z	0	c	2	b	#	88	66	-	
	Perpignan ...	29.95	73	E	2	0	29.96	- .05	70	68	0	NE	2	r	#	0	#	80	65	-	
	Biarritz ...	29.98	72	NW	3	c	29.98	- .01	66	64	+ .4	S	2	c	2	c	#	75	62	0.16	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	30.12	63	N	3	b	30.09	- .03	66	60	+ .3	N	3	bc	#	b	#	72	61	-	
	Azores (P. Delgada)	30.36	64	NHE	4	bc	30.35	+ .02	65	64	- .3	NE	3	c	3	bc	#	73	63	0.04	

Erratum, - The amount of Rainfall at Paris in yesterday's report should read 0.47"

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

Bright Sunshine yesterday Southampton 4.2 hrs;

WEATHER CHARTS

FOR Wednesday, 30th June, 1897.

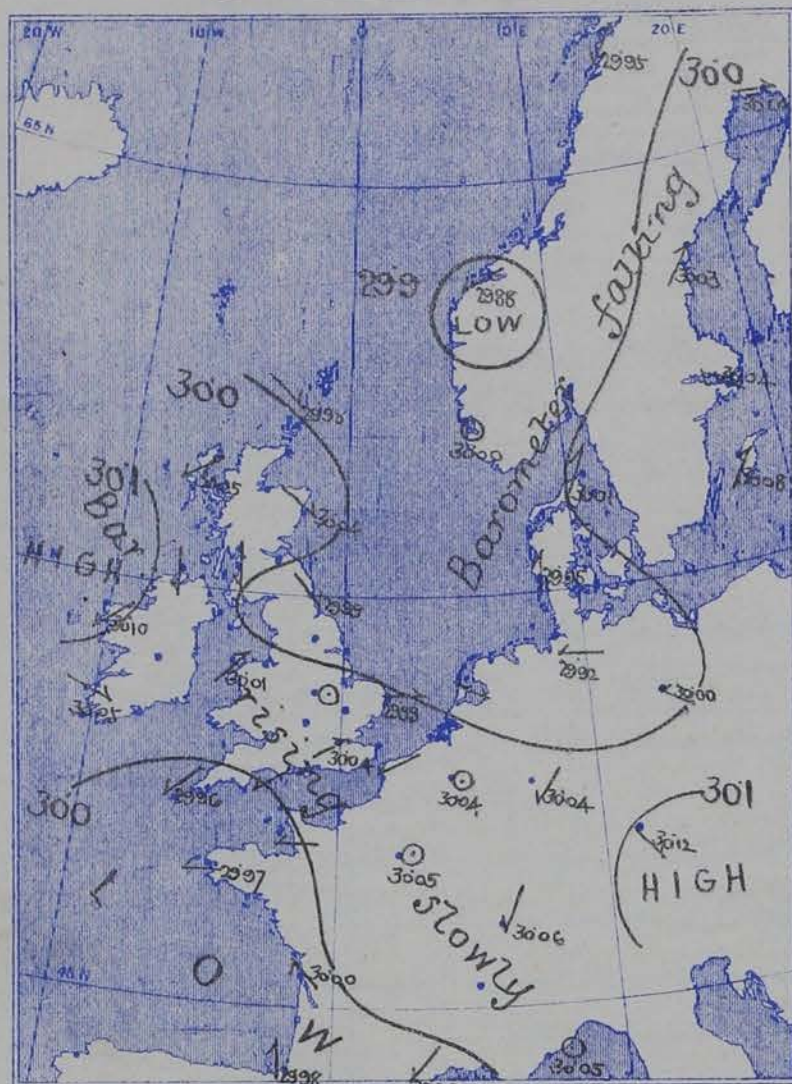
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ≡ : High ≡

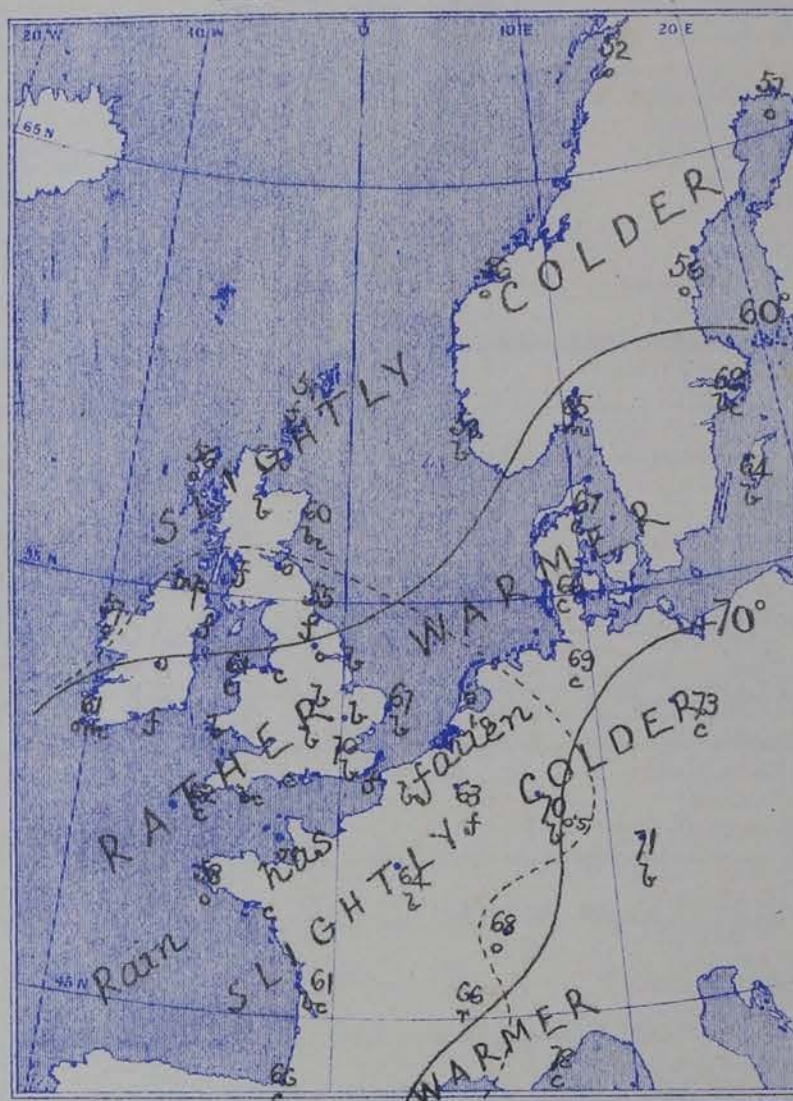


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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.



VALUES FOR PRESSURE TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JUNE.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.898	50.5	48.7	54.6	45.0	70	1891	33	1888	1.93	—	—
Stornoway	29.894	53.4	51.4	58.2	46.0	76	1893	31	1888	2.76	185.1	35
Wick	29.916	53.4	50.8	58.9	45.5	79	1878	30	1881	1.75	—	—
Nairn	29.917	54.4	51.0	62.3	47.3	86	1876	30	1888	1.73	—	—
Aberdeen	29.933	54.8	50.8	61.0	47.2	80	1881, 87	30	1888	1.80	196.5	37
Leith	29.943	55.9	52.3	63.9	48.0	86	1887	34	1886	1.79	—	—
Shields	29.959	54.9	51.8	60.6	48.5	76	1878, 84	37	1881, 86, 95	1.71	—	—
Spurn Head	29.971	55.3	52.8	60.3	51.1	80*	1885	34*	1881	1.64	—	—
York	29.979	56.1	52.7	66.2	48.4	88	1878	35	1894	2.21	173.0	34
Loughborough	29.991	57.7	53.8	68.6	48.8	86*	1892	32*	1895	2.20	—	—
Ardrossan	29.944	55.3	52.3	62.1	49.4	85	1878	36	1890	2.32	—	—
Malin Head	29.934	53.6	51.2	59.0	50.8	—	—	—	—	—	—	—
Belmullet	29.953	56.2	53.2	60.8	51.4	—	—	—	—	2.85	—	—
Donaghadee	29.959	55.1	53.0	61.5	49.7	77	1887	36	1880	2.03	—	—
Holyhead	29.976	55.9	53.4	61.7	51.3	83	1878	42	1882	1.97	—	—
Liverpool	29.976	57.0	52.8	64.0	51.1	85	1878, 93	38	1872	1.99	—	—
Parsonstown	29.981	56.2	52.9	64.9	48.5	85	1887	32	1881	2.34	173.7	35
Valencia	29.984	57.4	54.5	62.5	51.2	81	1887	40	1875, 80, 82	3.34	203.4	41
Roche's Point	29.983	57.0	53.8	64.3	51.3	80	1876, 87	41	1881	3.07	—	—
Pembroke	29.983	55.4	53.4	60.5	51.6	79	1893	38	1888	1.88	234.7	48
Scilly	30.002	57.5	55.3	61.5	53.2	75	1893	41	1888	1.76	—	—
Prawle Point	30.010	57.1	54.7	61.7	50.7	79*	1887	39*	1881	1.59	—	—
Jersey	30.019	59.0	55.9	64.9	52.8	87	1872	39	1890	1.86	243.1	51
Hurst Castle	30.007	57.9	55.7	64.6	52.0	84	1893	38	1881	1.83	—	—
Dover	29.989	58.2	55.0	63.0	52.3	77	1878	37	1890, 91, 92, 93	1.52	—	—
LONDON	30.001	58.9	54.6	69.2	50.6	91	1878	35	1880	1.99	167.4†	34†
Oxford	29.996	56.8	53.3	67.1	49.9	86	1876, 93	35	1892, 93	2.11	192.1	39
Cambridge	29.994	58.1	54.7	68.8	48.4	88	1888, 93	33	1892	2.14	195.3	40
Yarmouth	29.983	56.8	54.0	61.9	51.0	81	1877, 88	40	1892	1.86	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30" mins. and upwards in an area lying off the west of Ireland and also in another lying over South Germany.
Lowest, 29.9" and less, in a shallow depression over the west of Norway.
Gradients slight. Barometer rising slowly in our Islands, France, and the Netherlands, falling in Scandinavia and Denmark.

TEMPERATURE

Highest, 78° at Nice, 73° at Berlin, 71° at Munich, and 70° in London and at Perpignan.
Lowest, 51° at Loughborough, 52° at Bodo and Wijk, 55° at Shields, and 56° at Harwich, Christiansund, Astrakhan, Leith, and Malin Head.
During yesterday the thermometer ran to between 70° and 75° over the islands and southeastern parts of England generally, and to 77° at Loughborough; at Shields, however, it did not exceed 56°.

WIND

Light from the SE² in the west of France, and from the E² or NE² over the western part of the English Channel.
SW over Wales and central and eastern parts of England; N² (NE to NW) over Ireland and the northern parts of Great Britain.
S or SW in Sweden and Denmark; variable on the Norwegian coasts.

WEATHER

Fair or fine over Western Europe as a whole, but dull in places, and foggy on several parts of our own northeast and northwest coasts. Rain is falling at Shields and Jersey, and also at Lyons and Perpignan.
Showers fell yesterday in several parts of Ireland, England, and the neighbouring portions of the Continent, and heavy rain at Wiesbaden and the Helder. Thunder occurred at Cambridge and lightning at Lyons.

SEA

Smooth on all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general distribution of pressure remains somewhat irregular, and although fair weather is probable in many districts there is still a tendency for thunderstorms over England.

FORECASTS

For the 24 hours ending at NOON on 1st JULY 1897.

DISTRICTS.

FORECASTS.

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

N² and NW² winds, light; fair generally.
N² winds, light; cloudy, rain locally, possibly thunder.
SW² to Variable airs; changeable, local thundershowers.

DISTRICTS.

FORECASTS.

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

Same as Nos 0 and 1.

Same as Nos 3 to 5.

NE² winds, light; fair generally.

N² winds, light; fair generally.

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.09	69	58	SW	2	b	1	Valencia ...	29.94	61	60	rw	2	p	3
Sumburgh Head ...	29.98	59	58	SE	1	b	2	Scilly ...	29.89	62	59	E	2	o	2
Stornoway ...	29.96	68	68	Z	0	b	0	Jersey ...	29.96	65	61	ESE	3	c	3
Aberdeen ...	29.97	58	57	ESE	2	bef	1	Hurst Castle ...	29.98	64	61	rsW	2	b	2
Shields ...	29.98	54	54	ENE	2	f	2	Dungeness ...	29.99	62	60	SW	3	bc	1
Ardrossan ...	29.91	69	68	HNE	2	o	1	North Foreland ...	29.99	70	67	SSW	2	c	2
Malin Head ...	29.95	60	59	N	2	o	0	London (Westminster) ...	29.95	72	61	SW	2	bc	2
Belmullet ...	29.97	63	62	NNE	1	o	0	Yarmouth ...	29.96	65	62	SSE	2	bc	3
Holyhead ...	29.93	64	60	SW	2	o	1	Rocheport ...	30.01	66	64	SW	3	o	0

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning cloudy in all but the southwestern part of the United Kingdom, with fog or mist at many of our northern stations, and rain in the north and east of England, as well as at Larne. Fine in most of the Continental countries, but cloudy in the western parts of France, with rain at Limoges and a thunderstorm at Biarritz. Showers falling later in several parts of England and Ireland and also in the north of France, and heavy rain at Wiesbaden and the Hilder. Thunder reported at Cambridge and lightning at Lyons.

Temperatures risen over the northern part of our Islands and the Continent, and also over Germany and Central France, but fallen elsewhere. Morning readings highest 84° at Llan and Aumale, 82° at Trieste and La Caille, and 81° at Palma; above 70° in Italy and the south and east of France. Lowest 11.33° at Archangel, 49° at Moscow, and 51° at Bodo; 53° at Wick and Donaghadee, and 54° at Lath and Shields. Rising during day to 70° and upwards in the central and southeastern parts of England and also in the Hebrides and to 77° at Loughborough. Exceeding 85° in some parts of France and reaching 95° at Lyons.

Wind light from the End or SEnd in the north and east of our Islands, as well as in Norway, Denmark and Germany. SW over the southeast of England and the coast of France; E or SE over the western parts of the English Channel; N or NW in Ireland. W or SW in the south of Sweden; N or NW in Russia and also in Italy, but variable in Austria; E in the south of France; varying between W. and N. over the Spanish Peninsula. Subsequently, becoming very variable in Ireland and also in the west of France.

Barometer highest 30.2 in: and upwards in two areas; one lying over the northern parts of Norway, and the other over the eastern part of Germany and the Baltic; 30.1 in: and upwards in an anticyclone embracing the whole of northern and central Europe and extending southwards over Italy, as well as in another system off the Portuguese coast. Lowest 29.8 in: and less in a depression over Central Russia; 29.9 in: and less in a shallow disturbance off our own extreme southwest coast. Distribution of pressure over Western Europe subsequently, becoming very irregular.

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.
N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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

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

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
DATE.	STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	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.	°	°	°							°	°	Inch.
1	Corunna.....	29.92	60	W	0	b	29.94	-0.07	57	54	-2	SW	3	0	5	b	-	61	50	0.08
	Azores, P. Delgada	30.20	57	HW	3	b	30.14	-0.09	57	54	-2	HW	3	0	2	b	-	64	54	-
2	Corunna.....	29.94	64	W	2	b	30.00	+0.06	59	55	-2	S	3	bc	3	b	-	66	52	-
3	Corunna.....	30.06	66	SSW	2	b	30.14	+0.14	57	55	-2	SSW	2	bc	2	b	-	70	50	-
	Azores, P. Delgada	29.84	62	HW	4	r	29.86	-0.19	63	60	+3	SW	3	c	3	r	-	64	59	0.47
4	Corunna.....	30.13	62	HW	3	bc	30.15	+0.01	62	59	+5	S	1	c	2	bc	-	66	55	0.04
5	Corunna.....	30.14	61	HW	3	0	30.20	+0.05	60	58	-2	S	1	0	1	0	-	63	54	-
6	Azores, P. Delgada	30.04	64	SW	5	0	29.99	-0.21	64	63	+4	SSW	5	0	5	0	-	68	54	-
7	Corunna.....	30.18	63	HW	2	b	30.12	-0.10	62	58	+3	NE	2	b	4	b	-	73	53	-
8	Corunna.....	30.07	66	N	2	f	30.01	-0.11	62	59	0	HW	2	f	4	f	-	72	57	-
9	Corunna.....	29.98	64	HW	6	f	30.11	+0.10	62	59	0	SSW	2	0	2	f	-	72	54	-
10	Corunna.....	30.05	73	SSW	2	bc	30.24	+0.13	67	63	+5	SSW	2	0	2	bc	-	75	59	-
11	Corunna.....	30.22	66	N	4	b	30.12	-0.12	75	68	+8	NE	2	b	2	b	-	75	61	-
12	Corunna.....	30.12	75	SE	1	b	30.05	-0.07	73	69	-2	SE	2	b	?	b	-	75	61	-
13	Corunna.....	30.03	53	HW	1	bc	30.18	+0.13	62	61	-11	HW	1	0	2	bc	-	88	53	-
14	Ljona.....	30.09	79	SE	1	b	30.10	-0.09	72	62	+1	SE	1	b	-	b	-	89	61	-
	Corunna.....	30.12	63	HW	3	0	30.26	+0.08	62	57	0	HW	1	0	3	0	-	63	54	-
15	Corunna.....	30.26	63	N	5	0	29.99	-0.27	64	59	+2	N	4	c	3	0	-	64	57	-
16	Corunna.....	30.13	63	HW	6	b	30.13	+0.14	61	59	-3	N	1	c	3	b	-	66	54	-
17	Corunna.....	30.18	62	HW	1	c	30.15	+0.03	62	59	+1	N	1	c	0	c	-	63	55	-
18	Haparanda.....	29.80	?	Z	0	r	29.77	+0.03	59	52	+3	SSW	6	0	-	r	-	63	39	-
	Hernösand.....	29.62	49	S	4	0	29.63	-0.13	49	47	-6	Z	0	f	-	0	-	61	43	0.16
	Stockholm.....	29.68	51	Z	0	b	29.71	+0.02	57	51	-1	SW	4	b	-	b	-	66	51	0.16
	Hesby.....	29.75	55	SSW	4	b	29.70	+0.08	53	48	-7	SSW	6	c	-	b	-	70	45	-
	Karlstad.....	29.58	54	S	2	b	29.60	+0.06	53	49	-2	SW	6	0	-	b	-	-	-	0.16
	Bodo.....	29.54	59	E	1	b	29.47	-0.25	56	50	+6	E	3	0	1	b	-	59	46	-
	Christiansund	29.18	60	ENE	5	bc	29.23	-0.14	54	50	+1	NE	1	c	2	bc	-	63	50	-
	Corunna.....	30.16	65	NE	5	c	30.19	+0.03	64	59	+2	?	1	b	3	c	-	66	50	-
19	Corunna.....	30.17	64	HW	1	0	30.29	+0.10	63	56	-1	NE	3	c	4	0	-	64	57	-
21	Bodo.....	29.91	64	Z	0	c	29.91	+0.02	66	56	+4	E	2	bc	1	c	-	66	54	-
	Ljona.....	30.02	60	SSW	1	0	30.21	+0.09	55	-	+4	HW	2	0	2	0	-	64	51	0.28
	Corunna.....	30.25	64	HW	2	0	30.17	-0.05	67	61	+6	ENE	2	0	3	0	-	67	57	-
22	Corunna.....	30.07	79	NE	3	bc	29.93	-0.24	84	68	+17	NE	1	b	2	bc	-	84	64	-
23	Cape Gris Nez	30.19	60	SW	2	m	30.12	-0.09	69	-	+14	SE	2	b	1	m	-	69	54	-
	Corunna.....	29.92	70	N	1	b	29.87	-0.06	73	70	-11	SW	2	0	1	b	-	90	59	0.12
24	Corunna.....	29.91	65	HW	1	0	29.97	+0.10	75	68	+2	HW	1	0	2	0	-	75	59	-
25	Corunna.....	29.96	72	HW	5	b	29.92	-0.05	?	?	-	Z	0	0	4	b	-	75	57	-
26	Corunna.....	?	66	?	2	0	29.98	+0.06	68	64	-	W	2	0	3	0	-	77	59	0.59
28	Corunna.....	29.94	73	SSW	6	bc	29.96	-0.03	64	60	-4	SW	4	bc	2	bc	-	75	55	-
30	Corunna.....	29.95	66	HW	6	bc	30.08	-	63	61	-	W	3	b	2	bc	-	66	55	0.32

2. CORRECTIONS.

[illegible]