

12586

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE, 1897.

DAILY WEATHER REPORT.

January to June 1897.



DAILY WEATHER REPORT

for 8 a.m. on *Monday, 1st February, 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 ...	29.43	4	EHE	2	b	29.24	- 32	1	0	- 13	N	2	0	#	b	#	16	9	0.04	
Hernösand ...	29.49	9	2	0	b	29.36	- 16	5	4	- 7	Z	0	0	#	b	#	14	?	-	
Stockholm ...	29.52	3	2	0	b	29.52	+ 05	0	- 1	- 16	W	2	0	#	b	#	28	0	-	
Wishby ...	29.52	22	N	4	c	29.60	+ 17	20	19	- 5	HW	6	5	#	c	#	25	14	-	
Karlstad ...	29.60	2	HW	1	b	29.56	- 00	0	0	- 8	HW	2	f	#	b	#	#	#	-	
Bodo ...	29.47	18	E	4	b	29.25	- 46	15	12	- 4	E	4	0	1	b	#	19	12	-	
Christiansund ...	29.43	25	ESE	4	b	29.45	+ 03	21	19	- 5	SW	1	0	3	b	#	28	18	-	
Skadesnaes ...	29.54	31	ESE	4	bc	29.49	- 12	31	29	+ 8	SSE	3	5	4	2bc	#	31	19	#	
Færder (Christiania Fjord)	29.60	16	HW	1	b	29.52	- 04	11	11	- 6	HW	1	5	1	b	#	18	10	-	
Skagen (The Scaw)	29.61	23	Z	0	c	29.58	+ 02	20	19	- 4	HW	1	5	0	c	#	25	19	0.12	
Fanø ...	29.62	18	Z	0	f	29.57	+ 03	18	18	- 10	ESE	2	f	#	f	#	28	16	-	
Samburgh Head	29.46	31	W	1	b	29.42	- 09	32	30	0	H	1	0	3	b	#	35	26	0.05	
Sornoway ...	29.50	35	EHE	3	c	29.43	+ 01	31	31	- 2	Z	0	0	0	spbc	2.1	36	22	0.12	
Wick ...	29.42	33	HW	1	c	29.40	+ 07	19	19	- 16	HW	1	0	3	c	#	36	19	0.10	
Nairn ...	29.41	35	EHE	3	o	29.43	+ 14	17	17	- 16	Z	0	0	2	os	#	35	12	0.21	
Aberdeen ...	29.31	34	HE	9	ogrs	29.43	+ 20	33	31	- 1	H	3	ogsp	5	ogrs	1.0	36	32	0.11	
Leith ...	29.25	36	HW	3	c	29.35	+ 07	35	33	+ 3	HE	3	0	#	c	#	41	32	-	
Shields ...	29.28	37	SW	3	c	29.34	- 02	34	33	0	WSW	2	0	2	cph	#	38	31	-	
Spurn Head ...	29.40	33	S	4	og	29.34	- 08	32	31	- 3	W	2	0	2	og	#	35	31	-	
York ...	29.85	34	S	2	o	29.34	- 08	27	27	- 6	WSW	1	0	#	o	0.1	36	26	0.1	
Loughborough ...	29.46	34	SSW	2	o	29.34	- 08	33	33	0	SE	1	ogmp	#	o, c, pm	#	36	33	0.03	
BRITISH ISLANDS.																				
Ardrossan ...	29.37	37	HW	3	b	29.35	+ 06	32	30	- 8	HE	3	0	2	b	#	41	30	-	
Malin Head ...	29.41	38	EHE	4	bc	29.28	- 07	37	36	- 3	SE	5	0	2	e, bc	#	40	36	-	
Belmullet ...	29.40	40	E	1	o	29.19	- 24	37	36	- 3	ESE	3	0	#	o	#	41	38	0.04	
Donaghadee ...	29.39	36	HW	4	bc	29.31	- 04	38	36	+ 6	EHE	5	0	4	bc	#	41	30	0.02	
Liverpool (Bidston)	29.40	39	W	4	o	29.31	- 07	39	37	+ 7	E	1	0	#	o	#	41	32	0.11	
Holyhead ...	29.44	41	W	3	ogpd	29.27	- 10	37	36	0	HE	3	0	2	ogpd	#	42	35	0.02	
Parsonstown ...	29.43	39	SE	1	r	29.22	- 24	38	37	+ 5	SE	1	0	#	c, r	1.9	41	31	0.35	
Valencia ...	29.31	43	ESE	4	gr	29.15	- 34	47	47	+ 12	SSE	2	0	4	og	0.0	48	34	0.39	
Roche's Point ...	29.42	45	SW	4	o	29.21	- 29	42	41	+ 6	ESE	5	0	4	o, r	#	46	36	0.60	
Pembroke (St. Ann's Hd.)	29.48	44	WSW	3	o	29.21	- 23	39	38	0	ESE	4	0	4	bc, o	3.0	48	39	0.29	
Seilly ...	29.51	45	S	4	o	29.24	- 23	51	50	+ 8	WSW	4	0	5	bc, o	3.1	51	40	0.34	
Prawle Point ...	29.54	40	WSW	2	c	29.24	- 19	47	46	+ 13	WSW	4	0	3	c, r	#	48	34	0.52	
Jersey (St. Aubin's)	29.61	40	HW	2	bc	29.31	- 05	50	50	+ 8	SW	6	0	4	c, bc, m	#	50	37	0.42	
Hurst Castle ...	29.55	39	SW	1	o	29.25	- 13	40	39	+ 4	E	3	0	2	or	#	41	35	0.40	
Dungeness ...	29.53	35	WSW	1	o	29.35	+ 03	35	35	- 1	SSE	3	0	2	or, TS	#	43	34	0.23	
North Foreland	29.56	34	W	2	o	29.37	+ 01	35	35	0	SSE	3	0	2	0	#	36	33	0.08	
London (Brixton) ...	29.54	35	SW	1	ogm	29.35	- 07	34	33	- 1	SSE	2	0	#	ogm, TS	0.0	36	33	0.21	
Oxford ...	29.50	34	SE	1	o	29.31	- 10	34	33	+ 1	ESE	2	0	#	os	#	36	33	0.14	
Cambridge ...	29.52	33	SSW	1	o	29.35	- 08	33	33	0	SSW	1	0	#	ogm	0.0	35	32	0.03	
Yarmouth ...	29.49	35	SW	3	c	29.37	- 06	35	34	+ 1	WSW	2	0	3	c	#	35	33	0.03	
GERMANY & HOLLAND.																				
Cuxhaven ...	29.49	23	HE	2	bc	29.49	- 01	21	21	+ 4	SE	3	0	#	b, c	#	23	16	-	
Berlin ...	29.64	19	W	1	b	29.65	+ 13	11	11	- 3	E	3	0	#	b	#	23	7	-	
Wiesbaden ...	#	#	#	#	#	29.57	+ 19	34	33	0	SW	1	0	#	#	#	37	34	0.16	
Munich ...	29.57	26	SW	2	b	29.66	+ 21	31	29	+ 2	SW	4	0	#	b	#	37	29	-	
The Helder ...	29.54	26	ESE	2	o	29.41	- 02	32	32	+ 6	S	1	0	1	o	#	32	25	-	
BRUSSOLS.																				
Brussels ...	#	#	#	#	#	29.50	+ 20	33	33	+ 1	SSE	2	0	#	f	#	35	30	-	
Cape Gris Nez ...	29.53	36	HW	2	o	29.41	+ 10	33	33	- 1	SE	2	0	2	o	#	37	30	0.16	
Paris ...	29.53	38	HW	2	o	29.50	+ 20	34	33	- 3	SSE	3	0	#	o	#	40	33	0.08	
Brest ...	29.61	44	HW	1	o	29.39	+ 04	49	48	+ 5	W	4	0	4	o	#	49	41	-	
Lorient ...	29.59	44	WSW	2	c	29.43	+ 05	48	48	+ 9	WSW	5	0	4	c	#	48	39	0.87	
FRANCE & BELGIUM.																				
Rochefort ...	29.78	44	HW	3	o	29.63	+ 33	52	51	+ 2	HW	9	0	#	c, o	#	52	?	0.39	
Belfort ...	29.56	34	W	3	o	29.65	+ 22	32	31	0	W	3	0	#	o	#	40	32	0.08	
Lyons ...	29.06	31	W	1	bc	29.78	+ 24	30	27	- 1	SE	1	0	#	s, bc	#	39	25	-	
Nice ...	29.43	35	Z	0	r	29.76	+ 23	37	30	+ 1	EHE	1	0	2	r	#	41	30	0.04	
Perpignan ...	29.62	45	HW	5	o	29.85	+ 22	39	37	- 3	W	2	0	#	o	#	51	37	0.51	
BIARRITZ.																				
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Lisbon ...	30.11	53	WSW	3	o	30.11	- 02	54	54	+ 4	S	2	0	#	o	#	57	43	0.24	
Azores (p. Delgada)	29.71	60	SW	7	r	29.52	- 50	60	59	0	SW	6	0	6	r	#	63	57	0.63	
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 0.8 hrs; Brighton 0.0 hrs; Hastings 0.0 hrs; Eastbourne 0.9.

WEATHER CHARTS

FOR *Monday, 1st February, 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 ; }
Force 8 to 10 \rightarrow ; Force 1 to 4 \rightarrow ; } Calm \odot

SEA—Rough \equiv ; High \equiv

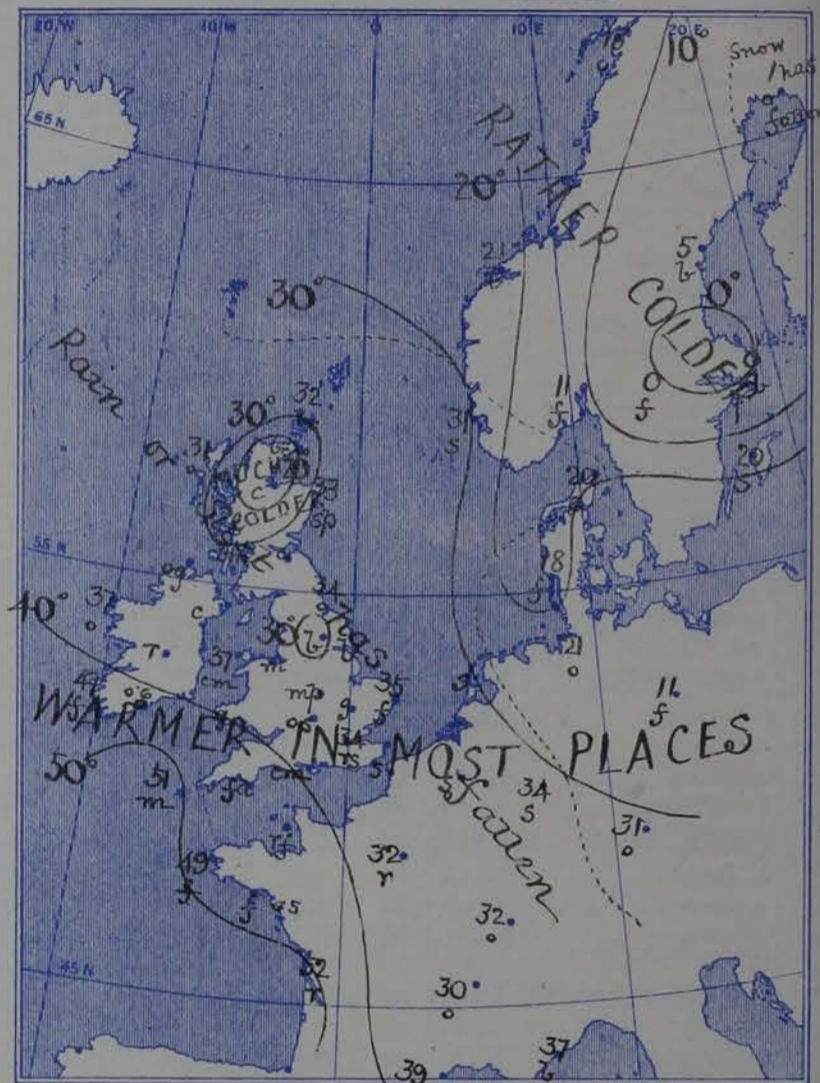


TEMPERATURE & WEATHER.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	53	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.20	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: and upwards, over the south of Portugal.
 Lowest, 29.2 in: and less, in a complex depression lying off our extreme west and southwest coasts; 29.3 in: and less over the northern part of Scandinavia.
 Gradients slight generally, but moderate over the Bay of Biscay and north of France.
 Barometer falling unsteadily in most places, but rising in Germany and also in the south of France.

TEMPERATURE

Highest, 54° at Lisbon, 52° at Rochefort, 51° at Scilly, 50° at Jersey, 49° at Pointe, and 48° at Lorient.
 Lowest, (1) 0° at Stockholm and Karlskrona, and 1° at Haparanda; (2) 11° at Berlin; (3) 17° at Harbin and 19° at Wisk.
 Hard frost occurred last night in the north of Scotland, the chilled thermometer at Harbin falling to 12°.

WIND

Moderate to strong from the Wnd or SWnd over the Bay of Biscay and the western parts of the Channel, with a gale at Rochefort, moderate to fresh from the End or SEnd on our western coasts.
 Calm or N in the north of Scotland, light from the Wnd on the east coast of England. SE on the eastern shores of the North Sea; NW in Sweden.

WEATHER

Cloudy and unsettled over Western Europe as a whole, with fog or mist on our southeast coasts and off the northwest of France. Rain or sleet is falling in several parts of our islands and France, and snow at Vicks, Rudensee, Bismarck and Winkbadon.
 Rain or sleet fell yesterday in many parts of England, Ireland, and France, - heavily in the southwest, and snow in the north of Scotland.

SEA

Moderate to smooth generally, but rather rough at Aberdeen and Scilly.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off our southwest coasts seems likely to occasion a continuance of very changeable weather, with rain or sleet in many places. An increase of temperature is probable over the south of England.

FORECASTS

For the 24 hours ending at NOON on 2nd FEB: 1897.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Variable breezes, finally SE nd ; changeable. Some snow showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	W nd to S nd or SE nd winds, light; changeable. Some snow showers.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	SE nd to S nd or SW nd winds, moderate; unsettled, some rain, milder.
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	E and SE nd winds, moderate, fair at first, some rain or sleet later.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW nd winds, fresh or strong; dull, misty, some rain.
9	IRELAND NORTH	SE nd winds, fresh or strong; dull, some rain.
10	IRELAND SOUTH	
WARNINGS		The South Cone was hoisted last evening in districts 8 and 10. The signals have been lowered this morning in districts 0 and 1.

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 ...	29.58	29	28	Sw	2	S	2	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	29.50	36	34	E NE	3	bc	4	Jersey ...	29.56	43	40	W	4	C	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.47	36	35	W NE	2	O	2
Ardrossan ...								North Foreland	29.49	36	35	NE	3	O	3
Malin Head ...	29.46	39	38	N	4	C	3	London (Westminster)							
Belmullet ...	29.48	41	40	W NE	1	O	*	Yarmouth ...							
Holyhead ...								Rochefort ...	29.56	42	41	W	9	C	*

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 24TH TO THE 30TH JAN. 1897.

The weather of this period was cold and changeable, especially over the northern parts of the Kingdom, where snow was frequent and in many places very heavy.

Shortly after the commencement of the week a deep depression spread down from the northward to the neighbourhood of the Shetlands, while secondary systems appeared respectively over the west of Scotland and over the southern parts of the North Sea. Owing to these changes the wind increased considerably from the NW^W on all our western and northern coasts, and blew a strong gale in the northern parts of Ireland and Scotland, with heavy drifting snow in the latter region. After the 25th the main depression and the secondary systems over the west of Scotland appear to have filled up. The subsidiary disturbance over the North Sea, however, increased temporarily in depth and occasioned a continuance of gales or very strong winds in the north of Scotland with frequent snow showers in the northern parts of the United Kingdom generally. Towards the close of the week the depression gradually filled up over the Baltic and the winds on our northern coasts subsided. New disturbances advanced, however, over our Islands from the W^W, and occasioned a shift of winds to the W^W or SW^W over England and Ireland, and to the SE^W in Scotland, with rain or snow in most districts.

Towards the close of the week low temperatures were recorded over our Islands generally, with sharp frost at night. The change of wind was, however, accompanied by a gradual rise of the thermometer in the west and mid south, and at the close of the period a rather brisk thaw was in progress over England.

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 2nd February, 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.				
																	Max.	Min.	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.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.		
SCANDINAVIA.	Haparanda ...	Ins.	°			Ins.	Ins.	°	°	°							°	°	Ins.		
	Hernösand ...	29.27	-3	N	2	b	+ .10	-13	-14	- 14	2	0	b	#	b	#	3	?	0.04		
	Stockholm ...	29.26	3	L	0	o	- .11	-5	-5	- 10	2	0	f	#	o	#	14	?	-		
	Wishby ...	29.47	15	L	0	o	- .10	21	20	+ 21	SW	2	s	#	o	#	?	-2	-		
	Karlstad ...	29.58	26	NNW	6	s	- .07	24	22	+ 4	WNW	4	b	#	s	#	27	16	-		
		29.46	10	NNW	2	f	- .19	23	22	+ 23	SW	2	o	#	f	#	#	#	-		
	Bodö ...	29.23	14	E	4	b	+ .04	14	10	- 1	E	4	b	#	b	#	16	10	-		
	Christiansund ...	29.32	30	NNW	5	s	- .19	28	27	+ 4	W	4	s	#	s	#	30	19	0.35		
	Skudesnaes ...	29.45	32	S	6	o	- .17	31	31	0	NE	1	s	#	o	#	32	27	#		
	Færder (Christiania Fjord)	29.46	26	WSW	4	b	- .17	29	28	+ 18	W	5	o	#	b	#	29	9	-		
BRITISH ISLANDS.	Skagen (The Scaw)	29.55	9	WSW	1	f	- .13	23	22	+ 3	SW	3	b	#	f	#	25	7	-		
	Fanö ...	29.50	23	ESE	2	o	- .20	24	24	+ 6	L	0	o	#	o	#	25	18	-		
	Sumburgh Head	29.45	33	NNE	2	b	- .07	31	30	- 1	NE	3	o	#	b, b	#	36	26	-		
	Stornoway ...	29.43	34	ESE	3	o	- .06	32	32	+ 1	ESE	3	o	#	c, o	#	37	29	-		
	Wick ...	29.41	30	NW	1	b	- .07	17	17	- 2	NW	2	c	#	b	#	34	15	-		
	Nairn ...	29.44	16	L	0	m	- .07	16	15	- 1	L	0	b	#	m	#	31	13	-		
	Aberdeen ...	29.43	31	NNW	2	b	- .07	26	25	- 7	NN	3	b	#	os, b	#	35	25	0.02		
	Leith ...	29.37	37	NE	2	b	- .06	35	34	0	ENE	1	o	#	b	#	38	33	-		
	Shields ...	29.37	38	ESE	1	o	- .05	38	37	+ 4	SE	1	o	#	c, o	#	40	33	-		
	Spurn Head ...	29.38	36	W	1	o	- .09	36	35	+ 4	E	1	o	#	o, s	#	38	32	0.26		
GERMANY & HOLLAND.	York ...	29.35	35	WNW	1	o	- .05	32	32	+ 5	E	1	o	#	o, s	#	36	27	0.24		
	Loughborough ...	29.37	35	ESE	1	o	- .11	33	33	0	NE	2	opd	#	op, os	#	37	32	0.43		
	Ardrossan ...	29.33	35	NE	3	om	- .07	35	34	+ 3	NE	3	of	#	om, om	#	35	30	-		
	Malin Head ...	29.25	38	SE	5	od	- .06	36	36	- 1	SE	5	rm	#	od	#	38	35	0.08		
	Belmullet ...	29.16	43	SE	3	or	- .02	42	42	+ 5	SSE	1	o	#	o, r	#	43	35	0.13		
	Donaghadee ...	29.31	39	ESE	5	o	- .06	38	37	0	ESE	5	o	#	o	#	40	36	0.04		
	Liverpool (Bidston)	29.31	36	ESE	3	r	- .08	33	33	- 6	E	1	o	#	f, r, s	#	39	32	0.32		
	Holyhead ...	29.25	40	E	1	ogmd	- .10	36	35	- 1	E	2	ogm	#	om, dgm	#	42	35	0.27		
	Parsonstown ...	29.18	41	SE	1	o	- .02	41	41	+ 3	L	0	od	#	od	#	43	37	0.10		
	Valencia ...	29.17	49	SSE	2	ogm	+ .07	44	43	- 3	L	0	o	#	omg	#	50	43	0.15		
FRANCE & BELGIUM.	Roche's Point ...	29.21	45	SE	3	fd	+ .01	44	44	+ 2	ESE	2	f	#	f	#	46	40	0.15		
	Pembroke (St. Ann's Hd.)	29.23	43	SE	4	f	- .05	42	41	+ 3	ENE	3	rm	#	f	#	43	39	0.35		
	Scilly ...	29.26	51	SSW	4	f	- .03	49	48	- 2	W	6	cf	#	f	#	52	47	0.83		
	Prawle Point ...	29.39	48	WSW	4	f	- .10	48	47	+ 1	WSW	5	fd	#	rf	#	49	44	0.92		
	Jersey (St. Aubin's)	29.42	50	WSW	5	orm	- .03	52	51	+ 2	SW	8	om	#	orm	#	52	47	0.63		
	Hurst Castle ...	29.32	44	SE	1	pm	- .08	43	42	+ 3	WSW	3	rm	#	dm, pm	#	46	40	0.73		
	Dungeness ...	29.37	37	E	1	c	- .20	43	43	+ 8	WSW	3	rf	#	c, rf	#	45	34	0.32		
	North Foreland	29.40	37	SE	2	o	- .21	41	40	+ 6	W	2	r	#	o	#	41	35	0.36		
	London (Brixton) ...	29.38	37	SSE	2	orm	- .17	37	37	+ 3	L	0	dfg	#	od, o, gr	#	38	34	0.39		
	Oxford ...	29.33	36	SE	1	r	- .12	34	34	0	NE	1	f	#	o, r	#	37	34	0.32		
PENIN- SULA.	Cambridge ...	29.39	35	SE	1	f	- .15	34	34	+ 1	E	1	f	#	f, r	#	38	32	0.49		
	Yarmouth ...	29.38	36	NNE	2	cm	- .16	35	34	0	ENE	4	o	#	cf, cm, s	#	36	31	0.48		
	Cuxhaven ...	29.44	25	SE	2	o	- .16	27	26	+ 6	E	2	m	#	o	#	27	21	-		
	Berlin ...	29.59	20	ESE	2	o	- .22	25	25	+ 14	SE	2	o	#	o	#	25	10	-		
	Wiesbaden ...	#	#	#	#	#	29.34	- .23	34	34	0	SE	1	r	#	#	#	36	34	0.35	
	Munich ...	29.55	30	SE	3	s	- .11	40	39	+ 9	SW	6	r	#	s	#	40	30	0.47		
	The Helder ...	29.41	33	S	1	f	- .19	32	32	0	E	1	m	#	f	#	34	32	0.35		
	Brussels ...	#	#	#	#	#	29.20	- .30	46	46	+ 13	SW	5	r	#	f	#	46	33	0.35	
	Cape Gris Nez ...	29.40	37	NE	1	r	- .22	43	43	+ 10	W	5	r	#	r	#	43	33	0.59		
	Paris ...	29.51	50	SW	2	b	- .09	51	50	+ 17	SW	4	r	#	b	#	52	34	0.35		
FRANCE & BELGIUM.	Brest ...	29.44	50	SW	5	f	- .07	51	50	+ 3	SW	7	c	#	f	#	52	45	0.67		
	Lorient ...	29.54	51	WSW	5	f	- .03	52	51	+ 4	W	6	f	#	f	#	52	48	0.67		
	Rocheport ...	29.71	52	W	6	o	+ .06	51	51	- 1	WSW	6	r	#	o	#	54	50	0.08		
	Belfort ...	29.54	38	W	4	r	- .06	45	45	+ 13	SW	7	r	#	r	#	?	?	0.75		
	Lyons ...	29.78	37	S	3	o	+ .04	41	40	+ 11	S	2	o	#	s, o	#	44	30	0.35		
	Nice ...	29.68	39	NE	1	b	+ .02	38	36	+ 1	L	0	b	#	b	#	48	36	-		
	Perpignan ...	29.85	59	NNW	2	b	+ .04	42	41	+ 3	SW	2	b	#	b	#	62	39	-		
	Biarritz ...	29.79	60	S	3	b		68	50		S	3	o	#	b	#	64	55	0.16		
	Corunna ...	#	#	#	#	#	29.20	- .30	46	46	+ 13	SW	5	r	#	f	#	46	33	0.35	
	Lisbon ...	30.12	54	SSW	4	o	+ .02	54	51	0	SSW	5	o	#	o	#	57	52	0.08		
Azores (P. Delgada)	29.58	57	SW	5	r	+ .12	57	54	- 3	WSW	4	c	#	r	#	63	50	0.24			

For Explanation of Columns, see bottom of last page.

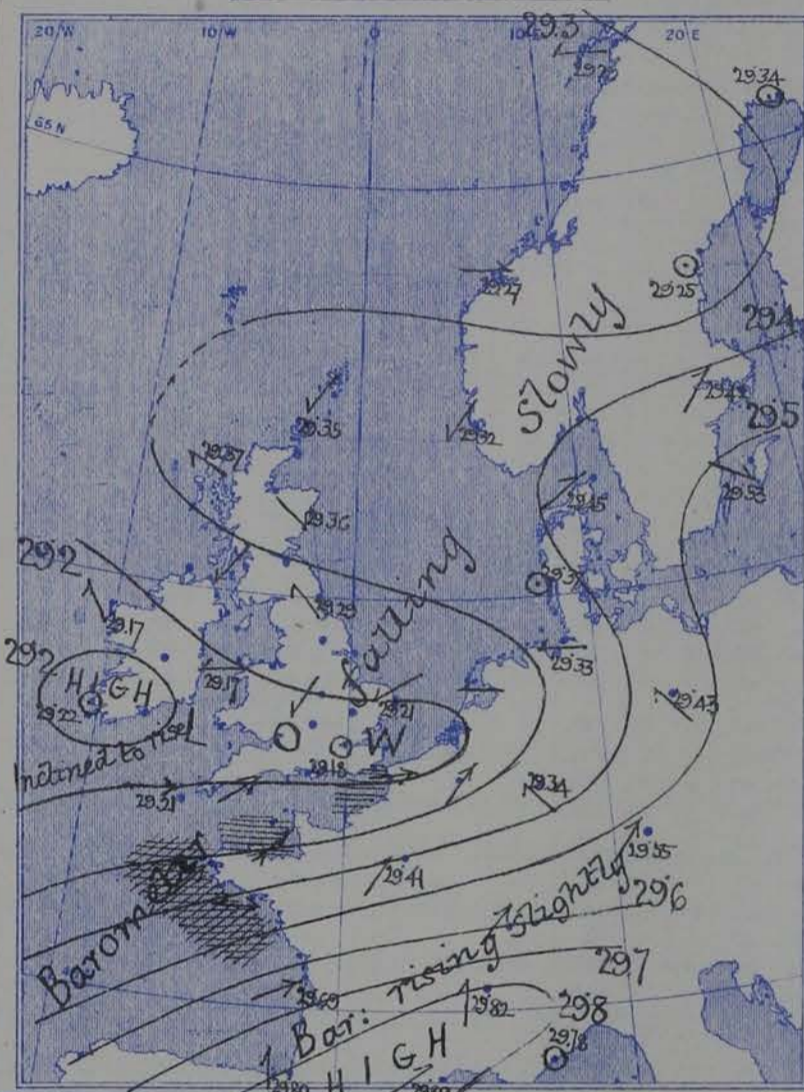
† Received too late for Insertion in Charts on next page.

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

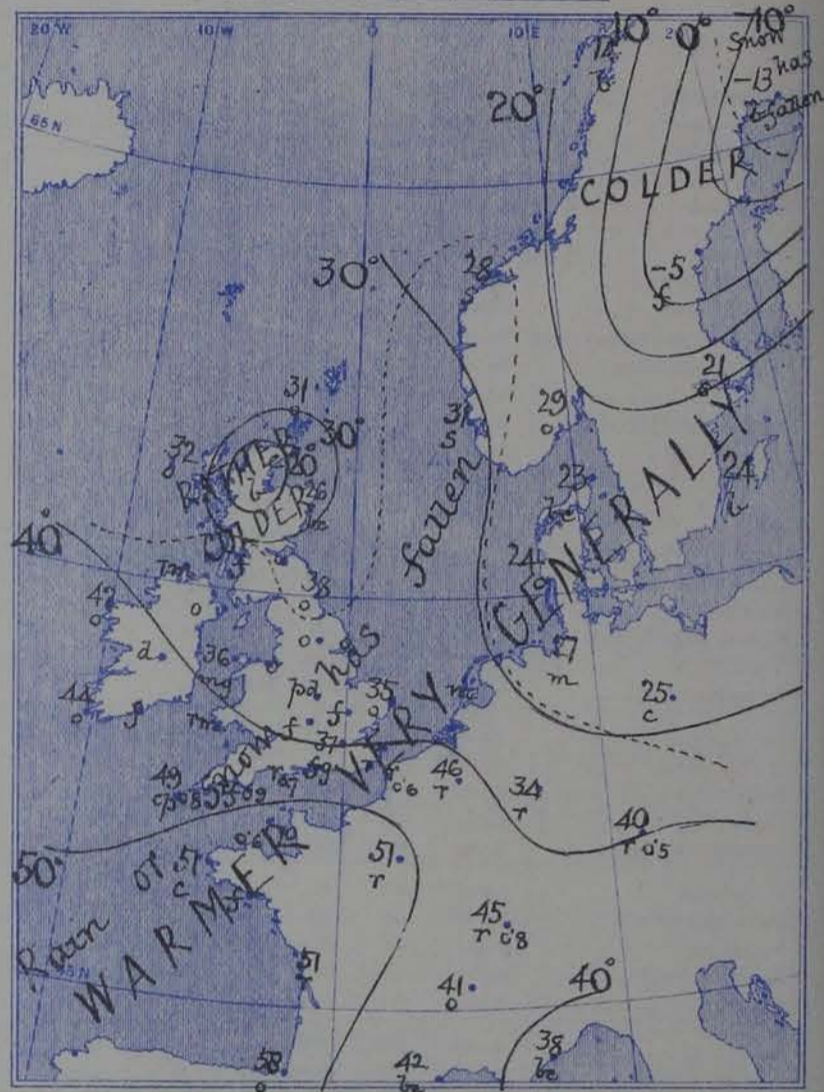
Bright Sunshine yesterday Southport 0.0 hrs; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.0 hrs;

FOR Tuesday, 2nd February, 1897.

3EA—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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.0	38.0	43.6	34.2	53	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.0	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Seilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	39.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.906	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 29.8 ins. and more to 29.3 ins. over France, and exceeding 29.3 ins. over Scotland and the northern half of the North Sea.
 Lowest Below 29.2 ins. in a 'trough' lying over Ireland and the S.W. counties of England, and below 29.3 ins. over the northern parts of Scandinavia.
 Gradients very slight and irregular over our Islands and the North Sea, rather steep for W. and SW. winds over France and the English Channel. Barometer falling a little except in the S. where it was inclined to rise a little.

TEMPERATURE

Highest 52° at Lorient and Jersey, 51° at Havre, 49° at Scilly, 43° at Dungeness.
 Lowest -13° to -5° over the N.W. parts of Sweden, +21° at Stockholm; 16° at Hain, 17° at Ulster. Hain is 19° colder than Leith, and 36° colder than Jersey.
 It was increasing at the southern stations, decreasing in the north.

WIND

Light in force and mainly E. over England, but SW. and W. over the Bay of Biscay, France and the English Channel, and strong in force; a fresh gale from SW. is reported from Jersey. In the north variable light breezes prevail.

WEATHER

Varies exceedingly in different localities. Snow is falling at several of the Scandinavian stations; in Scotland the weather is fine; over England and Ireland it is very dull, with rain or snow in places, while at the Channel stations and the W. and N. of France it is very rainy with thick mist in many localities.
 Large quantities of rain have fallen over the S. of England, Jersey and Brittany, and considerable quantities over the other parts of England and France.

SEA

High at the southwestern stations, rough in the Channel.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very unsettled weather is likely to continue, with a rise of temperature in most places.

FORECASTS

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

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Varying light breezes, fair generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E. airs, cloudy, some rain.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	Varying light breezes, rainy, unsettled, fog in places.
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	Same as Nos. 2 to 4.
8	ENGLAND S.W.	W. winds, strong, rainy.
9	IRELAND NORTH	Variable airs, changeable weather, some rain.
10	IRELAND SOUTH	
WARNINGS		None issued.

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

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 ...	29.49	32	30	? SE	6	o	4	Valencia ...	29.16	50	49	SE	2	om	4
Sumburgh Head	29.45	35	33	NNE	2	b	3	Scilly ...	29.28	51	51	SW	4	f	4
Stornoway ...	29.46	30	28	E	3	c	4	Jersey ...	29.28	49	49	WSW	5	r	4
Aberdeen ...	29.44	33	32	NNE	2	os	5	Hurst Castle ...	29.32	40	40	ENE	2	odm	2
Shields ...	29.36	39	37	E	2	c	2	Dungeness ...	29.32	39	38	E	1	o	1
Ardrossan ...	29.35	35	34	NE	3	cm	2	North Foreland	29.34	37	36	SE	2	o	2
Malin Head ...	29.26	38	36	SE	6	o	3	London (Westminster)	29.35	39	37	L	0	ogf	#
Belmullet ...	29.15	41	40	ESE	3	o	#	Yarmouth	29.36	36	35	W	2	cf	3
Holyhead ...	29.27	41	40	E	2	cm	1	Rochefort ...	29.66	52	52	WNW	6	o	#

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

Weather in morning fair as a whole over Scandinavia and several of the N^{or} parts of our Islands, also over the south of France and greater part of Italy - cloudy and unsettled elsewhere, with rain and snow over the southern parts of the United Kingdom; rain over the W. and N. of France, snow over Belgium and the N. of Russia. Much rain also over Sicily and Malta. Large falls of rain and some snow over France and England later, hardly any in Scotland, but a considerable amount at Christiansund.

Temperature fallen over N^{or} Europe - rapidly in Scotland, risen over the south of our Islands and southeastern Europe. Morning readings highest 56° to 48° on the S^{ou} side of the Mediterranean, 52° at Rochefort, 51° at Scilly, 47° at Valencia and Prawle Pt. Lowest -4° at Uleaborg, 0° at Stockholm, +5° at Hernissand, and below 20° over N^{or} Europe generally; 9° at Kharkov, 6° at Swinemund, 11° at Berlin; 17° at Naïm, 19° at Wick. Touching 52° at Jersey and Scilly later, but not touching 40° in the E. and N. of England, nor exceeding 31° at Naïm.

Wind very variable (1) W^{est} to S^{outh} over France and the English Channel, but SE^{ast} to E^{ast} over Ireland and England; NW^{est} over Sweden, SW^{est} over the Baltic Provinces and very variable over central and southeastern Europe. A well marked cyclonic system of strong winds prevalent over Sicily, Malta and Tunis, and blowing a gale at Tunis itself. No decided change later.

Barometer highest 30.1 ins. and more to 29.8 ins. over the Iberian peninsula, Morocco and the SW^{est} parts of the Mediterranean; exceeding 29.9 ins. over the SE of Russia, and exceeding 29.5 ins. in a "ridge" stretching from Germany over Denmark and the S. of Sweden. Lowest below 29.2 ins. over the W. and SW. of Ireland and the neighbouring parts of the Atlantic; below 29.3 ins. over Lapland, and below 29.6 ins. in a well-marked depression over Sicily and Malta. Changing little and irregularly over our Islands 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.

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, 3rd February, 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.	Dirac.	Force (0 to 12.)	Weather		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.				Max.	Min.	Rainfall.
SCANDINAVIA.	Ins.	°					Ins.	°												Ins.
	Haparanda ...	29.37	-7	H	2	0	29.41	+0.07	-17	-17	-4	H	2	b	#	0	#	2	-20	
	Hernösand ...	29.31	0	Z	0	0	29.41	+0.16	-14	-14	-4	Z	0	b	#	0	#	9	-14	
	Stockholm ...	29.32	19	SW	2	S	29.45	+0.03	1	0	-20	W	2	b	#	S	#	23	?	0.08
	Wisby ...	29.87	23	S	4	0	29.38	-1.5	25	23	+1	H	4	0	#	0	#	25	18	
	Karistad ...	29.36	11	HW	2	S	29.47	+1.0	-5	-5	-28	H	2	f	#	S, bc	#	#	#	0.04
	Bodö ...	29.24	13	E	5	0	29.41	+1.2	11	8	-3	E	5	b	1	0	#	14	9	
	Christiansund ...	29.27	31	HW	6	S	29.40	+1.4	27	26	-1	H	7	S	5	S	#	30	23	0.04
	Skudesnaes ...	29.36	26	H	6	b	29.56	+2.4	26	24	-5	HW	4	bc	2	S, b	#	33	21	#
	Færder (Christiania Fjord)	29.35	23	HW	3	0	29.45	+1.0	18	18	-11	HW	1	b	1	0	#	29	18	0.04
BRITISH ISLANDS.	Skagen (The Scaw)	29.39	18	SW	1	C	29.48	+0.3	15	15	-8	Z	0	c	0	C	#	23	12	0.08
	Fanö ...	29.39	25	H	3	0	29.51	+1.4	21	20	-3	H	4	b	#	0	#	30	21	
	Sumburgh Head	29.51	29	H	1	0	29.73	+3.8	27	25	-4	H	2	bc	4	b, o	#	33	26	0.04
	Stornoway ...	29.52	34	E, HE	4	C	29.77	+4.0	28	28	-4	ESE	3	c	3	sp, c	0.8	35	25	0.09
	Wick ...	29.44	26	E	1	b	29.75	+4.2	16	16	-1	HW	1	b	1	b	#	34	10	0.05
	Nairn ...	29.51	30	H	2	S	29.78	+4.2	10	8	-6	SSW	1	b	1	S	#	34	7	0.12
	Aberdeen ...	29.50	29	HW	2	C	29.81	+4.5	18	17	-8	HW	3	bm	3	bc, c	4.4	32	18	
	Leith ...	29.46	36	ESE	3	0	29.75	+4.6	33	32	-2	SE	1	0	#	0	#	37	32	
	Shields ...	29.43	36	HE	2	0	29.76	+4.7	37	34	-1	SE	3	0	3	sp, o, s	#	40	32	0.08
	Spurn Head ...	29.42	36	HW	1	0	29.74	+4.9	36	36	0	ESE	2	ov	3	0	#	38	34	0.01
GERMANY & HOLLAND.	York ...	29.38	34	HW	1	0	29.76	+4.7	34	34	+2	H, HE	1	0	#	0	0.0	35	31	0.03
	Loughborough ...	29.42	34	SE	1	0	29.73	+5.0	33	33	0	ESE	1	of	#	or, s, om	#	36	32	0.13
	Ardrossan ...	29.44	35	HE	2	of	29.73	+4.5	32	31	-3	HE	3	of	2	ofs	#	37	31	0.01
	Malin Head ...	29.38	36	SE	4	ospm	29.50	+3.8	37	36	+1	SE	5	ogm	2	o, spm	#	38	35	0.15
	Belmullet ...	29.34	43	SSE	2	bc	29.52	+3.5	42	42	0	SSE	1	0	#	bc	#	44	38	0.14
	Donaghadee ...	29.42	39	SE	5	r	29.65	+4.0	38	37	0	E	6	0	4	r	#	40	36	0.09
	Liverpool (Bidston)	29.41	35	SE	1	r	29.66	+4.3	34	33	+1	ESE	3	r	?	f, r	#	36	33	0.26
	Holyhead ...	29.37	40	HE	1	ogmp	29.61	+4.4	42	41	+6	E	1	f, d	1	ogm, p	#	42	35	0.14
	Parsonstown ...	29.37	43	H	1	0	29.62	+4.2	41	40	0	Z	0	0	#	o, am, o	0.5	46	37	0.05
	Valencia ...	29.39	47	SW	2	cu	29.58	+3.6	46	45	+2	SW	2	ogp	4	c	3.9	52	43	0.24
FRANCE & BELGIUM.	Roche's Point ...	29.39	47	WSW	3	bc	29.60	+3.8	44	43	0	S	1	bc	4	r, bc	#	50	40	0.20
	Pembroke (St. Ann's Hd.)	29.39	45	HW	3	bc	29.64	+4.8	45	44	+3	SW	4	0	5	r, o	0.0	45	42	0.51
	Scilly ...	29.44	48	WSW	4	C	29.56	+4.5	49	48	0	WSW	3	C	5	up, c	2.1	51	46	0.03
	Prawle Point ...	29.45	46	WSW	4	m	29.71	+5.7	46	44	-2	W	3	cp	3	mr, c	#	48	42	0.08
	Jersey (St. Aubin's)	29.50	50	WSW	5	0	29.74	+4.6	47	47	-5	WSW	4	am	4	h, p, b	#	52	46	0.02
	Hurst Castle ...	29.42	41	E, HE	1	0	29.72	+5.8	39	38	-4	E, HE	2	rm	2	rm, o	#	46	38	0.28
	Dungeness ...	29.40	37	H	2	0	29.69	+5.4	35	35	-8	E, HE	1	0	1	r	#	43	35	0.25
	North Foreland	29.43	37	H	2	0	29.73	+5.7	35	35	-6	H	3	0	2	r, o, st	#	41	32	0.60
	London (Brixton) ...	29.43	37	H	1	OT	29.76	+5.8	34	34	-3	SE	1	0	#	gfr, os, st	0.0	38	33	0.47
	Oxford ...	29.47	33	H	1	S	29.72	+5.3	34	34	0	ESE	2	0	#	op, r, sh	#	36	33	0.25
GERMANY & HOLLAND.	Cambridge ...	29.43	35	H	1	OT, sm	29.76	+5.6	32	32	-2	Z	0	f	#	o, mrs	0.0	36	30	0.25
	Yarmouth ...	29.39	35	HW	1	of	29.72	+5.1	34	33	-1	H	1	bc, f	4	og, of	#	36	31	0.21
	Cuxhaven ...	29.27	28	HE	1	0	29.54	+2.1	28	28	+1	W	1	bc	#	0	#	30	25	
	Berlin ...	29.23	29	HW	2	0	29.58	+1.5	25	24	0	HW	4	0	#	0	#	30	21	0.12
	Wiesbaden ...	*	*	*	*	#	29.62	+2.8	37	36	+3	HW	1	0	#	*	#	48	34	0.28
	Munich ...	29.49	45	W	8	bc	29.64	+0.9	37	37	-3	SW	6	r	#	bc	#	48	37	0.12
	The Helder ...	29.39	33	HE	1	0	29.67	+4.5	38	32	+1	HW	1	b	1	0	#	34	30	0.04
	Brussels ...	*	*	*	*	#	29.73	+5.3	32	32	-14	Z	0	f	#	S	#	48	32	0.35
	Cape Gris Nez ...	29.41	37	H	3	r	29.69	+5.0	36	35	-7	H, HE	3	0	2	r	#	45	34	0.95
	Paris ...	29.54	53	WSW	3	C	29.75	+3.2	47	45	-4	W	2	C	#	C	#	56	46	0.04
FRANCE & BELGIUM.	Brest ...	29.56	50	WSW	3	0	29.78	+4.6	49	48	-2	WSW	2	C	5	0	#	52	45	0.08
	Lorient ...	29.60	50	W	6	S	29.76	+3.6	50	50	-2	WSW	4	f	5	S	#	54	48	0.59
	Rochefort ...	29.74	49	W	6	r	29.87	+1.8	48	48	-3	W	4	0	#	r	#	54	46	0.59
	Belfort ...	29.56	45	SW	7	r	29.65	+0.6	41	41	-4	W	4	r	#	r	#	46	44	0.43
	Lyons ...	29.81	48	S	1	0	29.78	-0.4	48	45	+7	HE	1	0	#	0	#	52	41	
	Nice ...	29.73	48	Z	0	bc	29.61	-1.7	36	49	+18	SW	4	0	5	bc	#	68	38	
	Perpignan ...	29.80	50	Z	0	b	29.90	+0.1	45	43	+3	W	2	bc	#	b	#	64	42	
	Biarritz ...	29.82	59	SSW	4	0	29.96	+1.6	54	53	-4	W	3	0	3	0	#	64	54	
	Corunna ...	*	*	*	*	#	29.73	+5.3	32	32	-14	Z	0	f	#	S	#	48	32	0.35
	Lisbon ...	30.17	56	SSW	5	bc	30.17	+0.4	57	54	+3	S	5	0	#	bc	#	59	52	
PENIN- SULA.	Azores (P. Delgada)	29.77	57	SW	5	bc	29.79	+1.5	57	52	0	WSW	5	b	4	bc	#	57	52	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 0.0 hrs; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.0 hrs;

WEATHER CHARTS

FOR *Wednesday, 3rd February, 1897.*

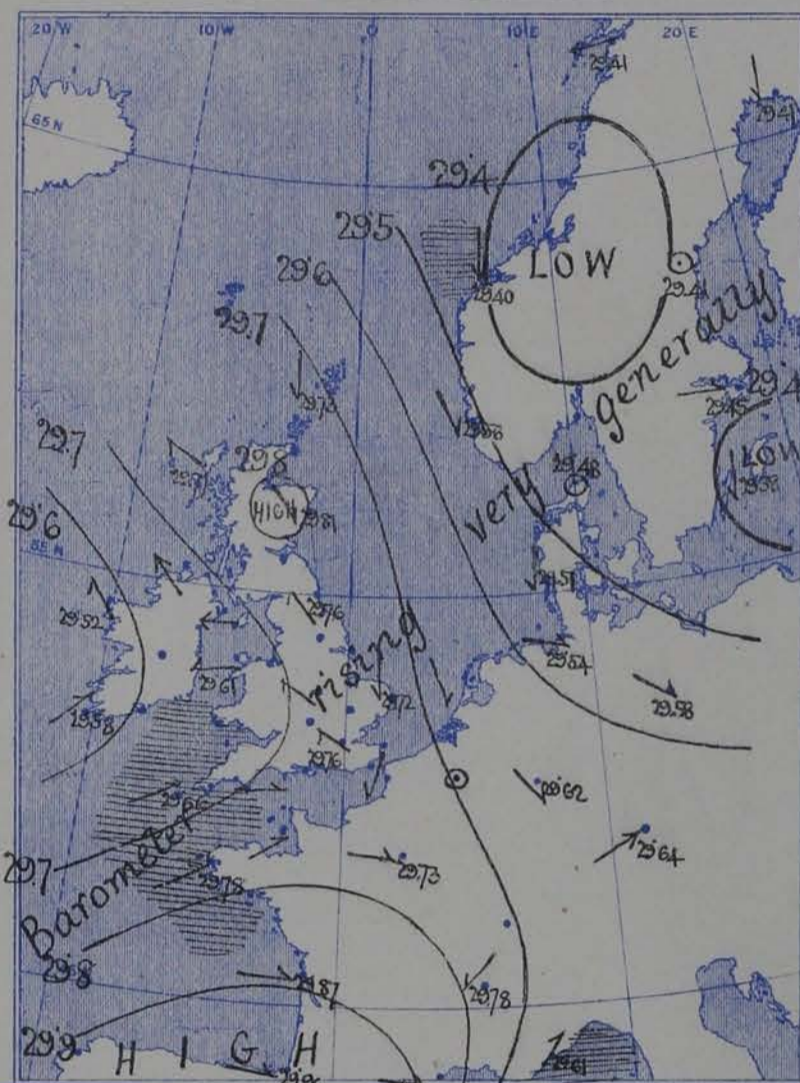
BAROMETER, WIND AND SEA.

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 ≡

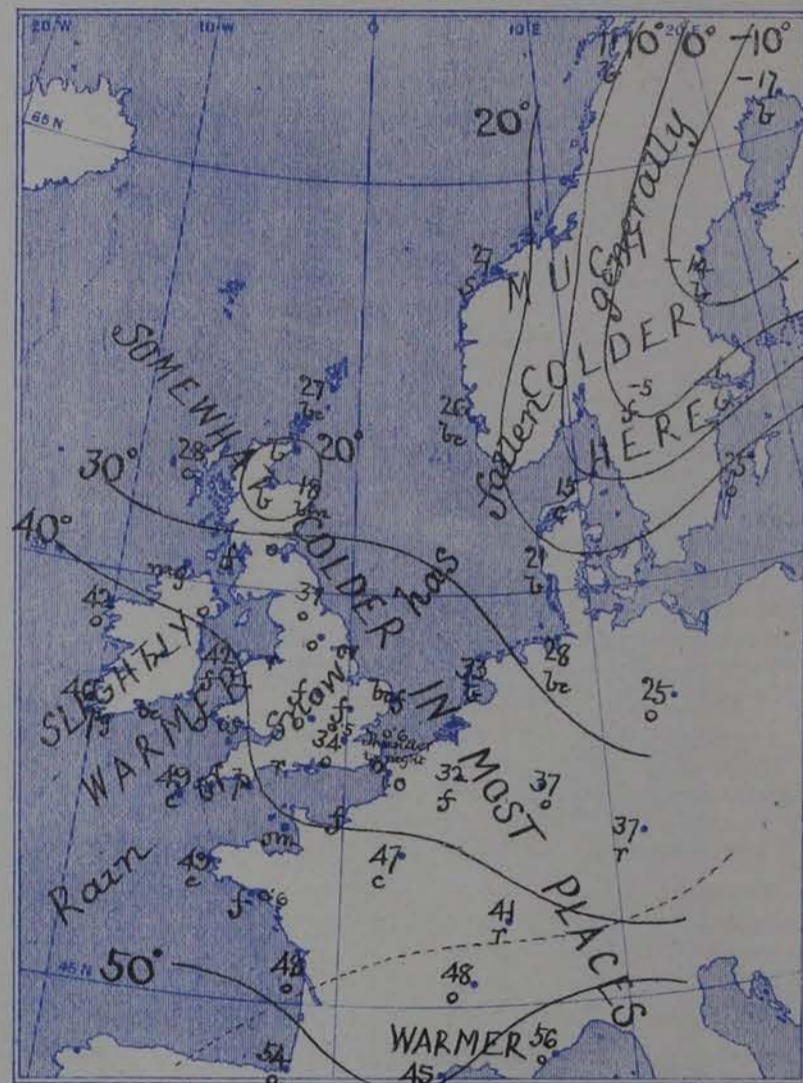


TEMPERATURE & WEATHER.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	23
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	20
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: and upwards over the southern parts of the Spanish Peninsula.
 Lowest, 29.4 in: and less, in two depressions, — one lying over Scotland and the other over the northern parts of Scandinavia; 29.6 in: and less, in another disturbance off the west of Ireland.
 Gradients slight. Barometer rising generally.

TEMPERATURE

Highest, 57° at Lisbon, 56° at Nice, 54° at Biarritz, 50° at Lorient, and 49° at Scilly and Brest.
 Lowest, -17° F. at Haparanda, -14° at Hemmstrand, -5° at Karlskrona and +1° at Stockholm; lowest in our Islands 10° at Karm and 16° at Wick.
 Hard frost was again experienced last night in the north of Scotland, the sheltered thermometer falling to 7° at Karm and 10° at Wick.

WIND

Light to moderate from the SW^{ly} on our southern coasts and from the W^{ly} over the greater part of France.
 SE over the northern and eastern parts of our Islands generally, but N on the southern coasts of England.
 NW in the northeast of Scotland, and N at most of the Scandinavian and Danish stations, with a moderate gale at Christiansund.

WEATHER

Cloudy or dull over the greater part of our Islands, France, and Germany, with fog or mist in many places, and rain in several parts.
 Fine in the north of Scotland, as well as at most of the Scandinavian and Danish stations, but snow falling at Christiansund.
 Rain or snow fell yesterday in most parts of our area, the largest amounts being 1.0 in: at Cape St. Mary, and 0.6 in: at the North Foreland, Lorient and Rochefort. Thunder was heard last night at the North Foreland.

SEA

Rather rough on many parts of our southwestern and the French coasts, as well as at Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure over Northern Europe remains somewhat complex. The trough of low readings noticed yesterday over the south of our islands has filled up, but at present there are no signs of any very decided improvement in the weather, the tendency being for mist or fog in many places.

FORECASTS

For the 24 hours ending at NOON on 4TH FEB^{RY} 1897.

DISTRICTS.



FORECASTS.

0	SCOTLAND NORTH	Variable breezes, finally SE ^{ly} ; fair at first, some snow showers later.
1	SCOTLAND EAST	
2	ENGLAND N.E.	SE ^{ly} winds, light; dull, misty, some snow showers.
3	ENGLAND EAST	Variable breezes, finally S ^{ly} ; cloudy, misty, slight rain locally, rather milder.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	E ^{ly} winds, light; dull, foggy, some rain or sleet.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW ^{ly} to S ^{ly} winds, moderate; cloudy, some showers.
9	IRELAND NORTH	E ^{ly} and SE ^{ly} winds, fresh; dull, some rain.
10	IRELAND SOUTH	Same as N° 8.
WARNINGS		NONE ISSUED.

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

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 ...	29.30	33	32	S	2	S	3	Valencia ...	29.33	49	47	SW	2	C	5
Sumburgh Head ...	29.42	31	29	NE	3	6	4	Silly ...	29.37	49	48	WSW	4	cp	5
Stornoway ...	29.45	30	29	E	3	S	3	Jersey ...	29.46	51	49	WSW	6	c	5
Aberdeen ...	29.41	32	30	NW	3	6c	3	Hurst Castle ...	29.32	44	43	NW	1	rm	2
Shields ...	29.34	39	36	E	2	0	3	Dungeness ...	29.22	40	40	N	3	r	2
Ardrossan ...	29.36	37	35	NE	2	of	1	North Foreland ...	29.25	38	38	N	2	r	1
Malin Head ...	29.32	37	37	SE	4	0	2	London (Westminster) ...	29.29	38	37	N	1	og r	#
Belmullet ...	29.28	48	48	SE	2	6c	*	Yarmouth ...	29.26	36	35	NE	3	og	#
Holyhead ...	29.30	40	39	W	0	ogm	0	Rochefort ...	29.13	53	52	N	6	r	#

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

Weather in morning fine and bright at most of the Mediterranean stations, as well as over Scotland and Lapland, very dull elsewhere, with snow at many of the eastern and northern Continental stations, and rain over France and the south of England. Considerable rain later, and some snow in the last-named district, and smaller quantities of snow over Scotland and Scandinavia.

Temperatures risen over France, Germany, Denmark, and the southern parts of Sweden. Morning readings highest 50° to 58° on the coasts of Spain and northern Africa, 52° at Lorient and Jersey, 44° at Valencia (Ireland) and 43° at Dungeness. Lowest, -13° F. at Haparanda, -5° at Skutumpah, +7° at Archangel and Kungälv, and much below the freezing point all over Russia, Scandinavia, and the northern parts of Germany; 16° at Nain, 17° at Wick, 32° at the Helder. Cold becoming more intense at night over all the northern and northeastern parts of Scotland, little change elsewhere.

Wind (1) S to W over Portugal and the Bay of Biscay, SW to W over France and the English Channel, and strong in all these regions; SE and light over Germany, and still more E over England and Ireland; (2) NW to W, and light over the east of Scotland and south of Scandinavia, but E, light over Lapland. Very light and variable over eastern and southern Europe. Hardly any change later.

Barometer highest, 30.2 in. and more over Algeria and Morocco, and exceeding 29.8 in. over the Spanish Peninsula, the Mediterranean, and the Adriatic; 29.9 in. and more to 29.8 in. over Eastern Russia. Lowest, below 29.2 in. in a "trough" stretching in from the Atlantic over Ireland and the southern parts of England to Holland, and below 29.3 in. over the northern parts of Norway and Sweden. Precipitation somewhat sharp over France and the Channel, slight and very variable elsewhere. Raining decidedly over Western Europe later—especially over England.

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, 4th February,

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 33° and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)					Max.	Min.		
		Inch.	°	Dir.	Force (0 to 12.)		Inch.	Inch.	°	°	°	Dir.	Force (0 to 12.)					°	°	Inch.	
SCANDINAVIA.	Haparanda	29.47	3	N	4	0	29.62	+2.1	-6	-7	+11	N	2	6	#	0	#	3	-18	0.04	
	Hernösand	29.52	-6	NW	2	6	29.66	+2.5	9	8	+23	NW	4	C	#	6	#	9	-18		
	Stockholm	29.52	5	W	0	S	29.66	+2.1	12	11	+11	W	2	6	#	5	#	19	6		
	Wisby	29.52	21	N	4	0	29.65	+2.7	17	17	-8	N	4	3	#	0	#	25	16		
	Karlstad	29.55	5	N	2	6	29.78	+3.1	4	3	+9	N	2	6	#	6	#	#	#		
	Bodo	29.65	10	EHE	4	6	29.75	+3.4	12	9	+1	E	4	S	1	6	#	12	7		
	Christiansund	29.48	33	NE	6	S	29.86	+4.6	21	19	-6	ESE	2	6	#	5	#	34	21	0.12	
	Skudesnaes	29.74	24	N	4	C	29.78	+2.2	27	27	+1	N	4	6	#	6	#	27	18	#	
	Færder (Christiania Fjord)	29.57	27	NW	2	6	29.75	+3.0	20	18	+2	NE	4	6	#	6	#	27	16		
	Skagen (The Scaw)	29.66	29	N	3	6	29.72	+2.4	29	27	+14	N	4	6	#	6	#	30	14		
BRITISH ISLANDS.	Fanø	29.79	29	WNW	4	6	29.84	+3.3	29	28	+8	WNW	2	6	#	6	#	32	21		
	Sumburgh Head	29.84	30	N	2	C	29.89	+1.6	27	25	0	N	1	6	#	3	#	32	25	0.01	
	Stornoway	29.86	31	ESE	2	0	29.84	+0.7	30	30	+2	ESE	4	C	#	4	#	43	27		
	Wick	29.83	20	NW	2	6	29.90	+1.5	10	10	-6	NW	1	6	#	2	#	30	9		
	Nairn	29.87	15	W	0	6	29.88	+1.0	4	4	-6	W	0	m	#	1	#	30	0		
	Aberdeen	29.91	21	WNW	2	6	29.95	+1.4	11	10	-7	WNW	2	6	#	3	#	28	9		
	Leith	29.84	37	SE	2	0	29.85	+1.0	36	34	+3	E	3	0	#	0	#	40	31		
	Shields	29.85	37	ESE	3	0	29.86	+1.0	37	36	0	E	4	0	#	0	#	39	34	0.08	
	Spurn Head	29.85	36	ESE	4	7	29.81	+0.7	36	36	0	ESE	4	0	#	0	#	37	34	0.20	
	York	29.84	34	ESE	1	S	29.85	+0.9	35	35	+1	E	1	0	#	0	#	37	32	0.19	
GERMANY & HOLLAND.	Loughborough	29.80	34	ESE	1	S	29.83	+1.0	34	34	+1	NE	1	0	#	0	#	35	32	0.18	
	Ardrossan	29.79	35	NE	3	0	29.81	+0.8	35	33	+3	NE	3	0	#	0	#	37	31		
	Malin Head	29.69	37	SE	6	0	29.67	+0.7	38	37	+1	SE	5	0	#	0	#	38	36	0.02	
	Belmullet	29.61	46	SE	3	0	29.60	+0.8	43	43	+1	SSE	2	0	#	0	#	48	40	0.17	
	Donaghadee	29.75	38	ESE	6	7	29.76	+1.1	38	38	0	E	6	0	#	0	#	40	36	0.30	
	Liverpool (Bidston)	29.75	33	ESE	2	S	29.77	+1.1	36	35	+2	ESE	3	0	#	0	#	36	32	0.37	
	Holyhead	29.66	44	W	0	f	29.72	+1.1	44	43	+2	W	0	f	#	0	#	44	39	0.24	
	Parsonstown	29.65	46	S	1	0	29.62	+0.0	44	43	+3	SE	2	0	#	0	#	50	39	0.18	
	Valencia	29.66	48	S	2	6	29.61	+0.3	46	45	0	S	2	C	#	0	#	52	44	0.39	
	Roche's Point	29.69	48	SW	3	C	29.66	+0.6	47	46	+3	SSW	3	0	#	0	#	50	43	0.61	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	29.72	45	W	4	6	29.74	+1.0	46	45	+1	SW	4	0	#	0	#	48	44	0.11	
	Seilly	29.75	50	SSW	3	C	29.73	+0.7	49	48	0	S	4	7	#	0	#	53	46	0.02	
	Prawle Point	29.78	47	WSW	3	f	29.84	+1.3	46	46	0	SW	2	0	#	0	#	50	44	0.03	
	Jersey (St. Aubin's)	29.87	48	W	3	6	29.91	+1.7	46	45	-1	SW	3	0	#	0	#	52	44	0.03	
	Hurst Castle	29.81	45	SSW	2	0	29.86	+1.4	44	43	+5	SSW	2	f	#	0	#	45	38	0.03	
	Dungeness	29.82	40	NE	1	0	29.84	+1.5	41	41	+6	WSW	3	m	#	0	#	42	35	0.01	
	North Foreland	29.87	38	E	1	0	29.85	+1.2	43	42	+8	W	2	0	#	0	#	43	34	0.03	
	London (Brixton)	29.83	39	NE	1	0	29.85	+0.9	43	43	+9	SSW	2	6	#	0	#	43	34	0.06	
	Oxford	29.81	39	ESE	2	7	29.83	+1.1	43	43	+9	S	1	0	#	0	#	44	34	0.10	
	Cambridge	29.86	34	ESE	1	2	29.85	+0.9	38	38	+6	SSW	1	f	#	0	#	39	31	0.16	
PENIN- SULA.	Yarmouth	29.86	36	SE	2	6	29.83	+1.1	37	36	+3	ESE	4	0	#	0	#	37	31	0.20	
	Cuxhaven	29.82	30	NW	1	6	29.89	+3.5	26	26	-2	W	1	6	#	0	#	32	25		
	Berlin	29.85	25	WNW	4	6	29.95	+3.7	24	23	-1	WNW	4	0	#	0	#	30	21		
	Wiesbaden	#	#	#	#	#	29.98	+3.6	33	32	-4	W	0	0	#	0	#	39	32		
	Munich	29.93	32	SW	3	0	30.00	+3.6	31	31	-6	SW	3	0	#	0	#	41	30	0.32	
	The Helder	29.92	28	SW	1	6	29.91	+2.4	30	?	-3	SE	1	0	#	0	#	36	25		
	Brussels	#	#	#	#	#	29.89	+1.6	41	41	+9	SW	4	7	#	0	#	41	32	0.04	
	Cape Gris Nez	29.88	39	SE	2	0	29.86	+1.7	41	41	+5	W	4	f	#	0	#	45	36		
	Paris	29.92	48	NE	1	7	29.97	+2.4	42	41	-5	S	2	0	#	0	#	53	42	0.04	
	Brest	29.80	48	W	2	C	29.90	+1.2	47	?	-2	W	3	0	#	0	#	52	43		
FRANCE & BELGIUM.	Lorient	29.84	48	WSW	3	m	29.91	+1.5	48	48	-2	SSW	2	m	#	0	#	52	?	0.04	
	Rochefort	29.95	50	W	2	0	29.95	+0.8	48	48	0	S	3	m	#	0	#	54	46	0.04	
	Belfort	29.90	43	W	1	0	30.02	+3.7	41	41	0	W	0	f	#	0	#	48	40	0.51	
	Lyons	30.02	46	SSE	1	7	30.04	+2.6	40	40	-8	E	1	0	#	0	#	55	36	0.08	
	Nice	29.69	56	SW	4	6	29.89	+2.8	52	43	-4	W	0	6	#	0	#	70	46		
	Perpignan	30.04	54	W	2	6	30.02	+1.2	44	44	-1	SW	1	6	#	0	#	63	43		
	Biarritz	30.00	53	EHE	3	0	29.95	-0.1	54	50	0	SE	2	0	#	0	#	55	50	0.04	
	Corunna	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
	Lisbon	30.16	55	SSW	4	0	30.09	-0.8	53	51	-4	SSE	3	0	#	0	#	59	53		
	Azores (P. Delgada)	29.95	56	WNW	4	6	30.05	+2.6	53	48	-4	WNW	4	6	#	0	#	61	50		

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; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.2 hrs;

1897.

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 in: and more to 29.9 in: over France and Germany, and about 29.9 in: over the north-east of Scotland.
 Lowest, below 29.6 in: off the west coast of Scotland, and below 29.7 in: over the Baltic and Gulf of Bohus.
 Gradients slight. Distribution somewhat complex.
 Barometer falling a little at our western stations and the change is spreading eastwards.

TEMPERATURE

Highest, 54° at Biarritz, 52° at Nice, 49° to 43° over the southern parts of England and Ireland.
 Lowest, -6° F. at Kaparanda, +4° at Karlstad, 17° at Wier, 4° at Nain, 10° at Wick, and 11° at Aberdeen.
 It has been down to 0° (32°) F. at Nain during the night, and to 9° at Wick and Aberdeen, while over England and Ireland it went but little below the freezing point and later on was rising generally.

WIND

Light to moderate from between S. and SW over France and the southern parts of our Islands, light to strong from SE on our northwestern coasts, but NW in the east of Scotland, and N. to W. over Scandinavia and the eastern shores of the North Sea.

WEATHER

Still very unsettled, with rain at several of our western and southern stations, fine over Scotland and at the Scandinavian stations.
 A good deal of rain has fallen in Ireland and east snow at Liverpool; smaller quantities of rain and snow over England generally, and in some parts of France. Bright Sunshine recorded during yesterday was — none at the southern stations, but 6 hours at Sicily, and Aberdeen, and 3.3 hrs at Valencia (Ireland). Bright Aurora was seen last night in the north of Scotland and at some of the Scandinavian stations.

SEA

Rather rough at Donaghadee and Lorient, moderate in most other places, but smooth off our southern coast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuation of showery weather is probable over England and Ireland, and some increase of temperature over Scotland.

FORECASTS

For the 24 hours ending at NOON on 5th FEB^y 1897.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

Light airs; very cold, fair.

E^{ly} and SE^{ly} breezes; milder, changeable, rain at times.

SW^{ly} winds, light to moderate; rain at times.



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

Same as Nos 2 to 4.

S^{ly} and SW^{ly} winds, moderate; rain at times.

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.69	27	25	N	2	bc	1	Valencia ...	29.62	52	50	SSW	2	c	4
Sumburgh Head ...	29.82	30	29	N	2	csp	4	Scilly ...	29.74	53	51	SW	3	c	4
Stornoway ...	29.85	40	36	ESE	3	bc	3	Jersey ...	29.64	51	50	W	4	bc	3
Aberdeen ...	29.88	27	25	WNW	2	bm	3	Hurst Castle ...	29.78	44	43	SE	2	om	2
Shields ...	29.83	39	35	SSE	3	0	3	Dungeness ...	29.80	40	39	ESE	1	c	1
Ardrossan ...	29.77	37	35	NE	3	cf	2	North Foreland ...	29.85	37	36	E	1	0	1
Malin Head ...	29.67	38	37	SE	5	0	2	London (Westminster) ...	29.80	40	38	NE	2	og	3
Belmullet ...	29.54	45	45	SE	3	om	#	Yarmouth ...	29.82	37	36	ESE	2	bcv	3
Holyhead ...	29.67	41	41	E	2	df	1	Rochefort ...	29.94	51	51	WNW	3	0	#

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

Weather in morning still fine in Scandinavia and the north and east of Scotland, as well as over the southern parts of the Mediterranean, dull and unsettled elsewhere with rain in many parts of Ireland, England, France, and the north of Italy, rain and snow over Central Europe and snow over Russia. Considerable rain falling later at Belfast and in Ireland, smaller quantities over England and in some parts of France — a little snow in the north. Aurora seen at all northern stations at night.

Temperature still falling in the north, rising over Central Europe and at some of the English stations. Morning readings highest 58° to 50° at the Mediterranean stations, with some exceptions, 54° at Biarritz, 50° at Lorient, 49° at Scilly, 47° at Paris, 42° at Holyhead and Belmullet. Lowest (1) -17° F. at Hafavanda, -5° at Karlsbad, and much below the freezing point over Russia and the Baltic; (2) 10° to 18° at the stations in the northeast of Scotland, but rather above the freezing point over England. Rising markedly later at our southern stations and in France, and touching 53° at Paris, 63° at Perpignan, and 70° at Nice. Not reaching the freezing point in the north and east of Scotland.

Wind (1) W to S over France and the southern parts of our islands, SE over our northwest and northeast coasts, and moderate generally; (2) NW to N over the east of Scotland, the North Sea, Scandinavia and the Baltic, but S over Finland; (3) Chiefly W over Central Europe; (4) Strong to moderate from NW and W over the Mediterranean, light from S and SE over Central Russia. NE air (local) over the southeast of England.

Barometer highest 30.3 in. and more to 30.0 in. over northern Africa, the southwestern part of the Mediterranean and the Iberian Peninsula; (2) about 29.8 in. over the northeast of Scotland. Lowest, below 29.3 in. in shallow disturbances over Finland and the Baltic Provinces; below 29.4 in. over the northern half of Scandinavia, and below 29.6 in. over the west of Ireland. A shallow local disturbance over the Gulf of Genoa and the Riviera. Rising over Western Europe all 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.

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, 5th February, 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° Fabr. 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 ...	24.72	-4	N	2	b	24.75	+ .13	-5	-5	+ 1	NNW	2	b	#	#	5	-11	-			
Hernösand ...	24.89	10	Z	0	b	24.93	+ .27	0	0	- 9	Z	0	o	#	#	14	-8	-			
Stockholm ...	24.95	1	NW	2	b	30.06	+ .40	-3	-4	+ 3	WSW	2	b	#	#	9	-8	-			
Wisby ...	24.95	9	N	8	o	30.09	+ .44	22	20	+ 5	NNW	8	b	#	#	22	10	-			
Karlstad ...	30.10	6	NW	2	b	30.13	+ .35	-12	-13	- 16	NW	1	f	#	#	#	#	-			
Bodö ...	24.89	13	E	2	b	24.87	+ .12	12	9	0	E	2	b	1	#	18	9	-			
Christiansund ...	24.97	23	ESE	2	b	24.90	+ .04	31	30	+ 10	WSW	4	o	4	#	?	19	-			
Skudesnaes ...	30.03	31	SSE	6	c	30.04	+ .26	28	25	+ 1	SE	6	c	4	#	32	18	#			
Færder (Christiania Fjord)	30.09	22	N	3	b	30.09	+ .34	19	18	- 1	WSW	3	b	2	#	22	16	-			
Skagen (The Scaw)	30.13	20	NE	2	b	30.18	+ .46	13	11	- 16	W	1	b	0	#	29	7	-			
Fanö ...	30.08	19	NE	2	b	30.13	+ .29	15	14	- 14	SE	4	b	#	#	34	14	-			
Sumburgh Head	24.93	27	N	1	bc	24.71	- .18	37	34	+ 10	SE	3	o	4	#	37	26	-			
Stornoway ...	24.77	35	SE	4	o	24.66	- .18	35	34	+ 5	WSW	3	o	3	#	43	29	-			
Wick ...	24.85	30	SE	4	o	24.61	- .29	37	37	+ 27	SE	8	ow	5	#	37	10	-			
Nairn ...	24.81	32	E	3	c	24.61	- .27	35	33	+ 31	SSE	1	bc	1	#	37	4	-			
Aberdeen ...	24.90	35	SE	4	cq	24.71	- .24	36	34	+ 25	SE	6	orgg	6	#	37	10	0.04			
Leith ...	24.81	37	E	2	o	24.63	- .22	36	35	0	SE	2	o	#	#	37	34	0.01			
Shields ...	24.85	38	ESE	4	c	24.65	- .21	37	37	0	SE	3	o	4	#	39	33	0.24			
Spurn Head ...	24.83	35	ESE	5	ors	24.62	- .19	37	37	+ 1	ESE	5	ors	5	#	37	34	0.40			
York ...	24.84	34	E	1	s	24.64	- .21	35	35	0	E	1	r	#	#	36	33	0.38			
Loughborough ...	24.79	36	E	1	o	24.60	- .23	39	39	+ 5	ESE	1	rgm	#	#	40	34	0.24			
Ardrossan ...	24.73	36	NE	3	rm	24.59	- .22	35	35	0	NE	3	af	1	#	37	34	0.36			
Malin Head ...	24.58	38	SE	6	r	24.48	- .19	42	42	+ 4	S	4	om	2	#	42	37	0.08			
Belmullet ...	24.57	44	S	1	o	24.48	- .12	42	42	- 1	S	2	bc	#	#	45	39	0.12			
Donaghadee ...	24.64	40	SE	7	r	24.50	- .20	42	42	+ 4	SE	6	o	5	#	42	36	0.39			
Liverpool (Bidston)	24.71	36	ESE	3	r	24.56	- .21	38	37	+ 2	ESE	2	mv	?	#	39	35	0.21			
Holyhead ...	24.66	44	S	3	fy	24.54	- .18	40	39	- 4	Z	0	af	0	#	46	39	0.28			
Parsonstown ...	24.59	45	Z	0	bc	24.51	- .11	39	39	- 5	Z	0	f	#	#	49	36	0.14			
Valencia ...	24.60	49	S	2	og	24.48	- .13	43	42	- 3	Z	0	c	2	#	53	42	0.32			
Roche's Point ...	24.64	47	SSW	2	m	24.52	- .14	44	44	- 3	SSE	2	f	4	#	52	43	-			
Pembroke (St. Ann's Hd.)	24.67	46	SW	2	bc	24.50	- .24	45	44	- 1	E	2	rgm	4	#	46	44	0.15			
Seilly ...	24.68	49	S	3	m	24.47	- .26	47	46	- 2	WNW	4	r	4	#	52	45	1.04			
Prawle Point ...	24.77	47	SW	3	r	24.37	- .47	44	44	- 2	NNE	3	or	2	#	47	44	0.93			
Jersey (St. Aubin's)	24.82	47	SSW	3	om	24.40	- .51	48	48	+ 2	S	5	orm	5	#	49	45	0.28			
Hurst Castle ...	24.80	45	S	4	op	24.42	- .44	46	45	+ 2	SE	5	op	3	#	47	43	1.05			
Dungeness ...	24.85	42	SW	2	o	24.55	- .29	42	42	+ 1	SE	3	r	2	#	44	40	0.21			
North Foreland	24.87	45	S	2	o	24.62	- .23	40	40	- 3	E	4	r	4	#	48	39	0.09			
London (Brixton) ...	24.83	45	SSW	2	op	24.50	- .29	43	43	0	ESE	2	or	#	#	49	42	0.41			
Oxford ...	24.77	45	S	2	r	24.52	- .31	43	43	0	E	3	r	#	#	48	43	0.41			
Cambridge ...	24.83	43	SSE	1	f	24.61	- .24	41	41	+ 3	SE	3	fr	#	#	45	36	0.25			
Yarmouth ...	24.85	36	ESE	5	dgm	24.66	- .17	37	36	0	SE	6	ogmg	5	#	37	34	0.19			
Cuxhaven ...	24.97	30	NW	1	c	30.06	+ .17	18	18	- 8	SE	2	b	#	#	32	18	-			
Berlin ...	30.01	27	W	3	c	30.21	+ .26	13	13	- 11	SE	2	b	#	#	30	12	-			
Wiesbaden ...	#	#	#	#	#	24.96	- .02	34	33	+ 1	NNW	1	o	#	#	37	33	0.04			
Munich ...	30.00	39	SW	2	o	24.97	- .03	32	32	+ 1	SE	4	c	#	#	41	30	0.04			
The Helder ...	24.98	31	ESE	1	b	24.83	- .08	30	29	0	ESE	3	o	1	#	34	30	-			
Brussels ...	#	#	#	#	#	?	?	40	39	- 1	SE	4	o	#	#	44	37	0.04			
Cape Gris Nez ...	24.85	45	SW	1	m	24.64	- .22	43	42	+ 2	SE	4	r	3	#	46	36	0.16			
Paris ...	24.95	46	SSW	2	o	24.69	- .28	45	44	+ 3	SE	2	c	#	#	52	42	0.04			
Brest ...	24.76	48	SSE	2	o	24.47	- .43	48	46	+ 1	WSW	3	bc	4	#	50	40	0.35			
Lorient ...	24.88	48	S	3	r	24.55	- .36	48	48	0	W	5	r	5	#	52	32	0.20			
Rochefort ...	24.80	51	SSE	3	o	24.62	- .33	48	48	0	S	4	o	#	#	54	46	-			
Belfort ...	24.94	43	Z	0	bc	24.82	- .20	39	37	- 2	NE	4	o	#	#	49	35	0.04			
Lyons ...	24.99	46	E	1	c	24.84	- .20	39	39	- 1	S	1	o	#	#	53	39	-			
Nice ...	24.95	49	Z	0	bc	24.97	+ .08	45	44	- 7	Z	0	c	2	#	59	45	-			
Perpignan ...	24.96	51	N	2	o	24.85	- .17	50	49	+ 6	NW	1	o	#	#	61	44	-			
Biarritz ...	24.86	59	SSE	3	o	24.64	- .31	59	49	+ 5	SSE	3	o	2	#	68	48	-			
Corunna ...	#	#	#	#	#	?	?	40	39	- 1	SE	4	o	#	#	44	37	0.04			
Lisbon ...	24.87	57	S	5	r	30.13	+ .04	52	49	- 1	W	3	bc	#	#	61	52	0.04			
Azores (P. Delgada)	30.20	57	W	4	bc	30.17	+ .12	57	54	+ 4	SW	5	c	4	#	59	53	-			

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; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.0 hrs.

WEATHER CHARTS

FOR FRIDAY, 5TH FEBRUARY, 1897.

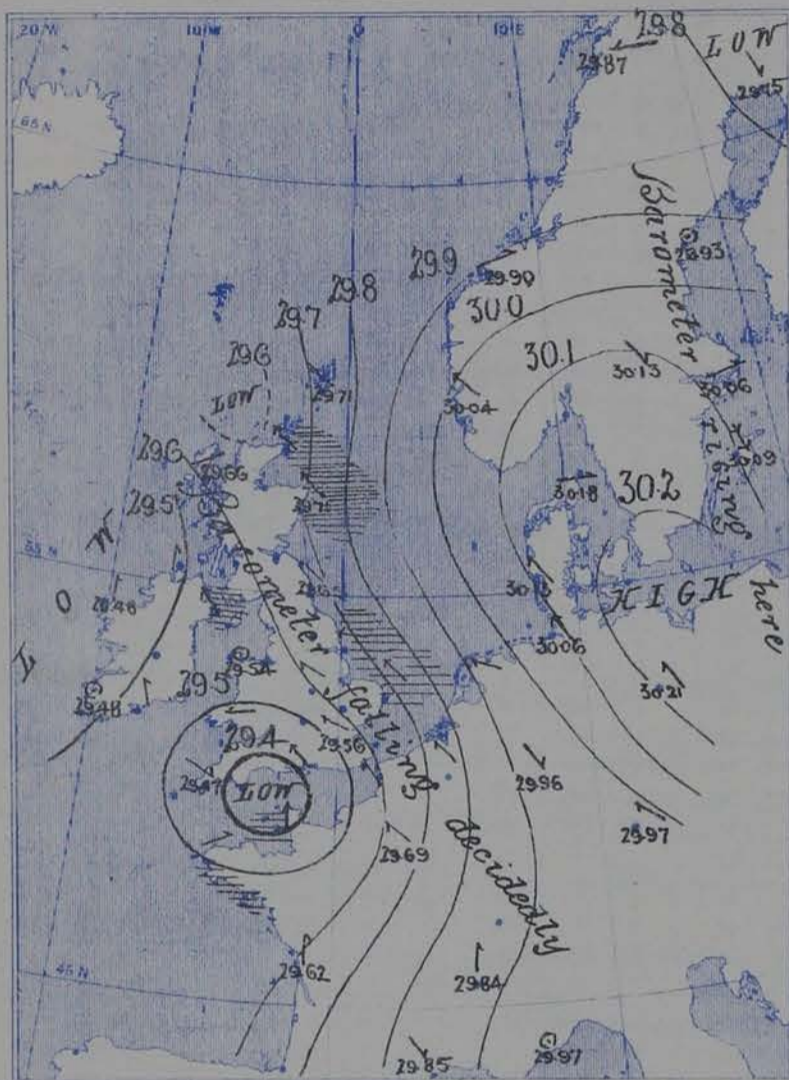
BAROMETER, WIND AND SEA.

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 ≡≡≡

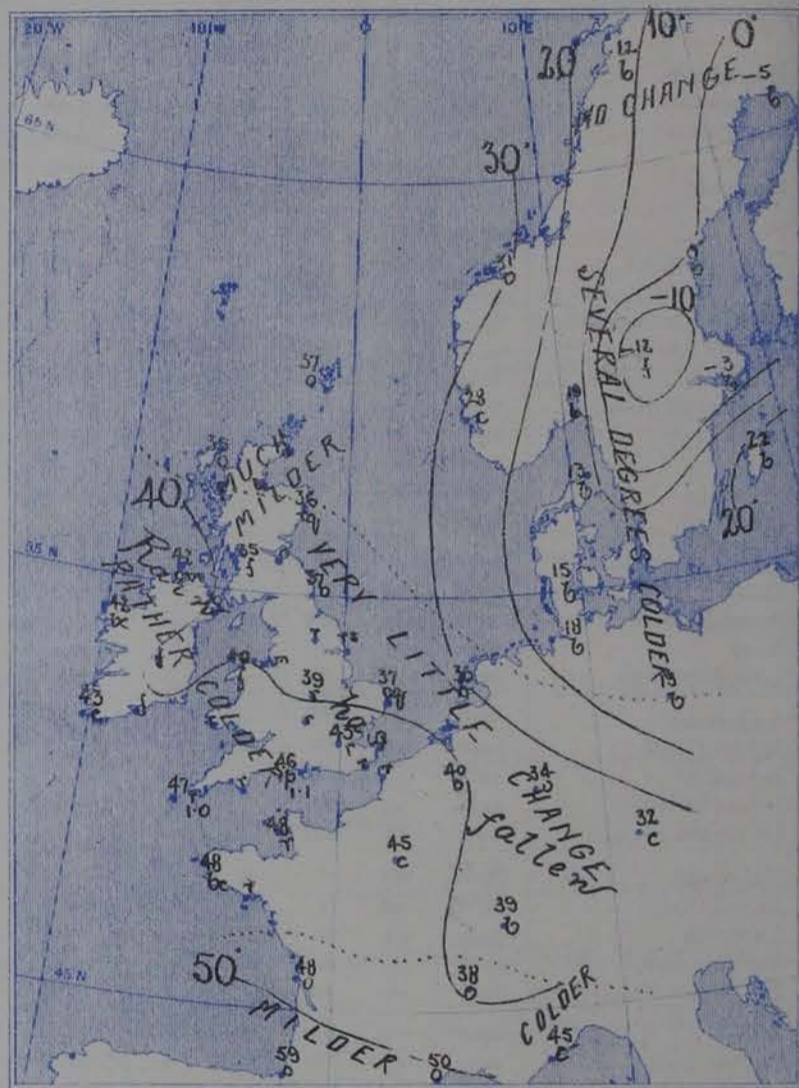


TEMPERATURE & WEATHER.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.6	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	20
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.920	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	124
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	79.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and more over N. Germany, and exceeding 30.0 ins. over the North Sea generally.
Lowest Below 29.4 ins. in a small depression over the English Channel, and below 29.6 ins. in another off the N. coast of Scotland.
Gradients rather steep for SE² winds over the North Sea the E. of England and NE. of France.
Barometer falling fast over England, rising over Scandinavia and the Baltic.

TEMPERATURE

Highest 59° at Biarritz, 48° at Ayr and Jersey, 43° at Valencia (Ireland) and in London.
Lowest -12° F. at Karlstad, -3° at Stockholm, +13° at Berlin, and 13° to 18° at the Danish stations.
 It had risen rapidly at the Scotch stations, fallen fast over Denmark and North Germany. In the south of England no change is reported at present.

WIND

SE² over the greater part of England and Scotland, and is blowing hard at the northeastern Scotch stations; at Pringle Point it was NE², at Jersey S². Over Ireland also it was mainly S², and in the Hebrides WSW.

WEATHER

Fair in Ireland, but with local fogs, very rainy over St. Britain as a whole - especially in the SW. and S., where the measurements are large. Snow and Rain have fallen over the NE² counties, and at Ardrossan. Bright Sunshine recorded yesterday was at Stornoway 6.2 hrs at Valencia (Ireland) 4 hrs, Aberdeen 2.5 hrs. Scilly 0.5 hrs. - none at any of our S² and E² stations.

SEA

Rough on the NE. and E. coasts of St. Britain, and at Jersey - moderate in most other places.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

As the depression in the south moves northeastwards, gales from between NE. and SE. will probably be felt on our northeast and southeast coasts, which have been warned.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

SE² winds, strong, squally, cold showers.
 E² (NE. to SE.) gales, squally, rainy, then fairer and colder, perhaps snow.

DISTRICTS.

FORECASTS.

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

WARNINGS

Very variable winds, weather improving temporarily, colder.

At 7.30 pm. yesterday to districts 1 and part of 6 Hoist South Cone and at 10.15 today to districts 2, 3 and 5. Hoist North 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.							Dry.	Wet.				
Skudesnaes ...	29.93	32	31	L	0	b	1	Valencia ...	29.60	52	49	SSW	3	b	4
Sumburgh Head ...	29.93	30	26	H	1	b	3	Scilly ...	29.71	51	50	SSW	4	o	4
Stornoway ...	29.81	39	35	ESE	4	bc	5	Jersey ...	29.86	49	48	S	4	cm	3
Aberdeen ...	29.93	21	20	WW	2	cm	3	Hurst Castle ...	29.84	46	45	SSW	3	ou	2
Shields ...	29.87	38	37	ESE	4	o	4	Dungeness ...	29.84	43	43	WSW	2	m	2
Ardrossan ...	29.76	37	36	NE	3	om	1	North Foreland ...	29.87	46	45	SW	2	o	2
Malin Head ...	29.63	39	38	SE	6	o	3	London (Westminster) ...	29.84	49	47	SW	1	or	#
Belmullet ...	29.57	45	44	SE	2	o	#	Yarmouth ...	29.86	37	36	ESE	4	mgd	4
Holyhead ...	29.68	45	45	S	2	qfr	1	Rochefort ...	29.89	52	52	SSE	3	o	#

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

Weather in morning still fine over Scandinavia and the N. and E. of Scotland, and also over Denmark and many parts of N. Germany, and over the S. half of the Mediterranean; cloudy or overcast elsewhere, with rain in many parts of Ireland, England, Belgium, and some parts of N. Italy; snow over the N. parts of Russia, Finland and Lapland. Large quantities of rain over the S. of England later, and considerable rain and snow over our N.E. counties; smaller falls of rain over the N. of France and Belgium.

Temperature again fallen over Scotland, as well as over central Europe; also over Finland and some parts of the Baltic Provinces. Morning readings highest, 57° to 50° at most of the Mediterranean stations, and also on the coasts of Portugal and Spain; 49° to 46° on our own SW. coasts, 43° in London, 42° at Paris, 41° at Brussels. Lowest - 6° F. at Haparanda and Stockholm, 0° at Helsingfors, 1° at St. Petersburg, and below 10° over nearly all the N. parts of Russia; 21° at Copenhagen, and also at Hildesheim; 4° at Naum, 10° at Wick, 11° at Aberdeen. Rising rapidly over Scotland later; falling fast over Denmark and Germany.

Wind (1) moderate from between SW. and S. over the north of France and the southern parts of the United Kingdom, but SE. to E. in the east and north; (2) N. to W. over the countries lying to the E. of the North Sea, and over the eastern parts of central Europe; (3) a cyclonic circulation of light winds prevail over the Mediterranean. The SE. wind becoming strong over our N. districts later.

Barometer highest 30.2 ins. and more over the SW. of Spain, and exceeding 29.9 ins. over Spain, France and Germany; 29.9 ins. and more over the E. of Scotland. Lowest below 29.3 ins. over the N. half of Russia; below 29.6 ins. off the west coast of Ireland; and below 29.9 ins. over the N. parts of the Mediterranean. Further disturbances appearing later to the W. and SW. of the United Kingdom, but the barometer rising fast over N. and central Europe.

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, 6th February, 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.
		Ins.	°				Ins.	Ins.	°	°	°									Ins.	
SCANDINAVIA.	Haparanda ...	29.75	6	N	2	b	29.92	+ .17	-5	-6	0	HW	2	b	#	b	#	9	-11	-	
	Hernösand ...	29.97	-8	Z	0	f	30.02	+ .09	-13	-14	-13	Z	0	b	#	f	#	12	-13	-	
	Stockholm ...	30.02	6	N	2	b	30.04	- .02	3	2	+ 6	W	2	b	#	b	#	14	-4	-	
	Wisby ...	30.06	22	HW	6	b	30.05	- .04	21	19	- 1	HW	4	bc	#	b	#	23	14	-	
	Karlstad ...	30.05	-1	H	2	0	30.05	- .08	4	3	+ 16	H	2	f	#	0	#	#	#	-	
	Bodö ...	29.81	14	E	4	b	29.80	- .07	19	16	+ 7	E	4	b	0	b	#	19	9	-	
	Christiansund ...	29.88	33	WSW	4	0	29.86	- .04	30	29	- 1	Z	0	b	3	0	#	34	30	-	
	Skudesnaes ...	29.93	29	SSE	4	c	29.82	- .22	30	25	+ 2	SE	4	0	3	b, c	#	30	25	#	
	Færder (Christiania Fjord)	30.03	24	WNW	1	b	29.99	- .10	19	19	0	NE	2	f	1	b	#	23	19	-	
	Skagen (The Scaw)	30.04	21	SSW	1	b	29.96	- .22	19	18	+ 6	ESE	2	0	0	b	#	23	9	-	
BRITISH ISLANDS.	Fanö ...	29.84	17	SE	6	b	29.69	- .44	20	19	+ 5	SE	6	c	#	b	#	25	14	-	
	Sumburgh Head	29.64	36	SE	4	r	29.57	- .14	36	36	- 1	SSE	4	r	6	r	#	38	34	0.26	
	Stornoway ...	29.51	39	S	3	r	29.49	- .17	39	39	+ 4	SSW	3	0	3	o, r	0.0	40	32	0.08	
	Wick ...	29.52	38	SE	6	0	29.47	- .14	38	37	+ 1	SE	4	r	5	0	#	38	37	-	
	Nairn ...	29.53	34	Z	0	c	29.52	- .09	32	30	- 3	Z	0	0	1	c	#	41	26	-	
	Aberdeen ...	29.59	37	SE	3	og r	29.59	- .12	37	36	+ 1	SE	3	og	5	dg, gr	0.0	38	36	0.05	
	Leith ...	29.54	39	E	1	m	29.52	- .11	36	36	0	Z	0	om	#	m	#	40	34	-	
	Shields ...	29.54	39	SE	3	a	29.53	- .12	38	37	+ 1	NE	2	0	4	od	#	40	36	0.32	
	Spurn Head ...	29.38	27	EHE	6	r	29.44	- .18	36	35	- 1	H	3	od	4	or	#	37	34	0.67	
	York ...	29.47	36	E	1	r	29.49	- .15	35	35	0	HE	1	0	#	or	0.0	38	33	0.45	
GERMANY & HOLLAND.	Loughborough ...	29.34	37	HE	2	r	29.51	- .09	34	34	- 5	HW	2	0	#	gm, r, s, o	#	40	33	0.98	
	Ardrossan ...	29.53	36	NE	3	om	29.53	- .06	36	36	+ 1	NE	3	of	1	om	#	37	34	-	
	Malin Head ...	29.47	43	S	3	om	29.48	- .00	39	39	- 3	S	3	rm	2	om	#	44	37	0.04	
	Belmullet ...	29.49	44	S	1	b	29.48	- .00	42	41	0	S	1	c	#	c, b	#	47	39	-	
	Donaghadee ...	29.52	42	NE	4	om	29.52	- .04	41	40	- 1	ESE	4	0	2	0	#	43	38	-	
	Liverpool (Bidston)	29.48	36	E	1	rm	29.52	- .04	37	36	- 1	Z	0	0	?	rm	#	40	35	0.32	
	Holyhead ...	29.49	39	NE	2	rf	29.51	- .03	39	39	- 1	E	1	ogm	1	fg	#	41	38	0.02	
	Parsonstown ...	29.50	43	SE	1	0	29.47	- .04	42	41	+ 3	SE	1	0	#	o, r	0.3	45	38	0.05	
	Valencia ...	29.51	47	Z	0	cp	29.45	- .03	45	43	+ 2	HE	1	0	2	c, cp	2.7	51	42	0.03	
	Roche's Point ...	29.52	45	SW	1	c	29.43	- .09	45	45	+ 1	SSE	3	r	4	cm, b	#	47	40	0.15	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	29.52	43	WN	3	0	29.47	- .03	42	42	- 3	ESE	3	f	4	0	0.0	45	42	0.09	
	Scilly ...	29.52	46	WNW	4	bc p	29.33	- .14	47	47	0	ESE	4	m	3	o, bc	1.0	48	44	0.25	
	Prawle Point ...	29.49	46	WNW	4	c	29.49	+ .12	43	43	- 1	SE	3	r	3	p, m	#	46	42	0.06	
	Jersey (St. Aubin's)	29.53	46	W	4	b	29.60	+ .20	45	45	- 3	S	4	om r	3	od p	#	48	45	0.09	
	Hurst Castle ...	29.36	43	W	5	bc m	29.55	+ .13	42	41	- 4	SW	2	c	2	fd, bc m	#	47	41	0.06	
	Dungeness ...	29.27	44	SSW	5	0	29.53	- .02	39	38	- 3	W	4	c	3	r, o	#	45	38	0.11	
	North Foreland	29.30	42	SSE	5	r	29.50	- .12	37	35	- 3	W	5	0	4	r	#	43	35	0.30	
	London (Brixton) ...	29.24	46	SSW	3	od	29.53	- .03	38	36	- 5	W	2	0	#	og r, og	0.0	47	36	0.30	
	Oxford ...	29.34	36	HW	3	r	29.54	+ .02	38	36	- 5	HW	2	0	#	or, o	#	43	35	0.40	
	Cambridge ...	29.26	42	ESE	2	r	29.50	- .11	35	35	- 6	WNW	2	0	#	or	0.0	43	33	0.38	
PENIN- SULA.	Yarmouth ...	29.34	38	E	7	rq	29.34	- .32	36	35	- 1	WNW	5	om	4	rq	#	38	34	0.56	
	Cuxhaven ...	29.84	19	ESE	6	bc	29.57	- .49	22	22	+ 4	ESE	6	0	#	bc	#	23	18	-	
	Berlin ...	29.97	21	SE	4	b	29.71	- .50	21	20	+ 8	ESE	3	S	#	b	#	25	9	-	
	Wiesbaden ...	#	#	#	#	#	29.65	- .31	36	36	+ 2	NE	1	0	#	#	#	37	34	0.20	
	Munich ...	29.70	31	E	4	0	29.74	- .23	36	35	+ 4	W	6	r	#	0	#	36	30	0.04	
	The Helder ...	29.53	31	ESE	3	r	29.39	- .44	34	34	+ 4	SE	1	f	1	r	#	34	28	0.20	
	Brussels ...	#	#	#	#	#	29.54	?	39	37	- 1	W	6	0	#	r	#	45	37	0.67	
	Cape Gris Nez ...	29.39	44	SW	6	0	29.52	- .12	40	37	- 3	WNW	6	0	6	0	#	48	37	0.28	
	Paris ...	29.55	49	SSW	3	r	29.72	+ .03	45	43	0	SW	3	0	#	r	#	51	44	0.12	
	Brest ...	29.58	48	W	3	c	29.56	+ .09	49	49	+ 1	SW	6	r	5	c	#	50	43	0.24	
GERMANY & HOLLAND.	Lorient ...	29.64	46	W	5	bc	29.59	+ .04	50	49	+ 2	WSW	5	r	4	bc	#	54	41	0.24	
	Rochefort ...	29.72	48	WNW	5	0	29.87	+ .25	50	49	+ 2	WSW	5	r	#	r, o	#	52	48	0.34	
	Belfort ...	29.69	40	Z	0	S	29.84	+ .02	40	39	+ 1	WSW	4	0	#	S	#	44	36	0.32	
	Lyons ...	29.69	51	S	4	0	29.95	+ .11	42	39	+ 3	S	1	c	#	o, l	#	54	39	0.04	
	Nice ...	29.89	48	Z	0	r	29.74	- .23	42	42	- 3	Z	0	b	2	r	#	54	43	0.16	
	Perpignan ...	29.79	52	HW	4	0	30.06	+ .27	51	45	+ 1	HW	4	0	#	0	#	56	48	-	
	Biarritz ...	29.91	53	W	6	r	30.04	+ .40	51	48	- 8	SW	4	0	4	r	#	61	45	0.32	
	Corunna ...	#	#	#	#	#	29.54	?	39	37	- 1	W	6	0	#	r	#	45	37	0.67	
	Lisbon ...	30.30	52	WNW	2	b	30.38	+ .25	49	48	- 3	WSW	1	c	#	b	#	59	49	-	
	Azores (P. Delgada)	30.16	59	SW	6	bc	30.12	- .05	59	56	+ 2	SSW	5	c	5	bc	#	61	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 0.0 hrs; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.0 hrs;

WEATHER CHARTS

FOR *Saturday, 6th February, 1897.*

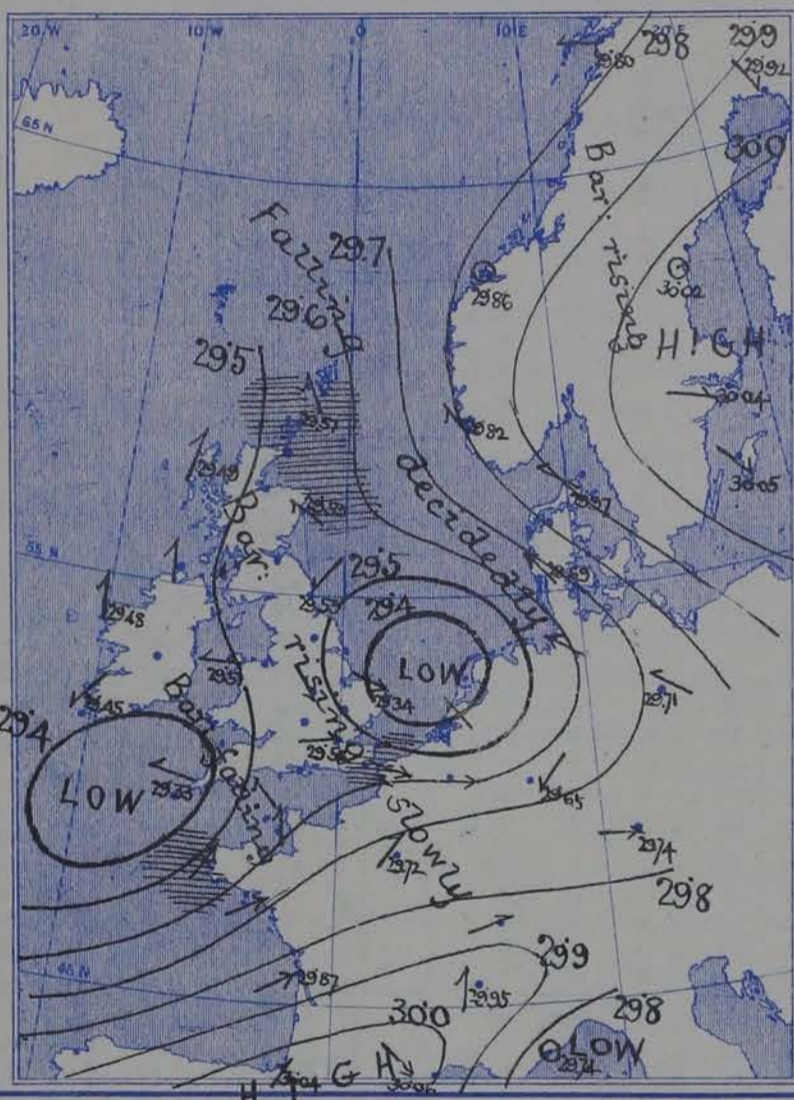
BAROMETER, WIND AND SEA.

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 ≡

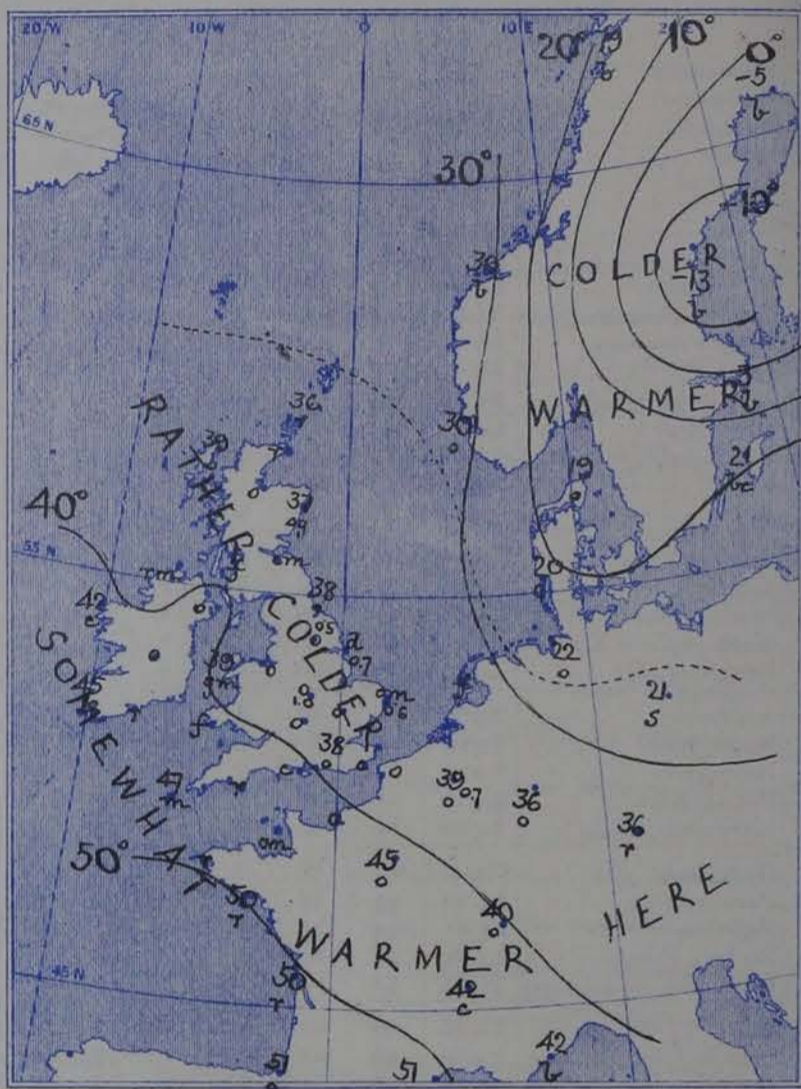


TEMPERATURE & WEATHER.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.0 in. and more to 29.8 in. over the Spanish Peninsula and the southern half of France and also over the Baltic and Scandinavia.
 Lowest, 29.4 in. and less, in a depression between Holland and the coast of Norfolk and in another advancing towards the Bristol Channel from the W.
 Gradients somewhat steep over the Continent, slight and very variable over our Islands.
 Barometer rising in the east, falling quickly again at Bally.

TEMPERATURE

Highest, 50° to 49° on the west coast of France, 47° at Bally, 45° at Jersey and Valencia.
 Lowest, -13° F. at Helsingfors, +3° at Stockholm, 19° at the Cape, 21° at Berlin, 22° at Copenhagen; above 32° at all our own stations.
 It has decreased a little over Great Britain during the night.

WIND

Very light and variable over Ireland, SE over Scotland; NW to W over the east of England; SE and moderate at Bally, SW, strong, on the west coast of France.
 It blew strongly on our eastern and northern coasts yesterday evening, and in London during the night.

WEATHER

Has become fairer over the northern and eastern parts of England, but rain is again setting in on our southwestern coasts, and is apparently spreading eastwards.
 The rainfall during yesterday was heavy over our Midland Counties (0.98 in. at Loughborough), and also at Brussels.
 There was a little Bright Sunshine on our extreme southwestern coasts, none elsewhere.

SEA

Rough on the northeast coast of France and at Brest, also on the northeast coast of Scotland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression in the southwest seems likely to cause further falls of rain over England and the north of France, with strong winds.

FORECASTS

For the 24 hours ending at NOON on 7TH FEB: 1897.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE winds, increasing in force; cold rain or snow.	6 SCOTLAND WEST	SE winds, light and variable; fair as a whole.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	Wind varying greatly in direction - finally N and fresh; rainy then fair.
3 ENGLAND EAST	Wind backing to S. or SE & freshening; fair at first, very rainy later.	9 IRELAND NORTH	Light Variable breezes; weather becoming finer and colder.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	The Signals are still flying in districts 0 to 3 and 5.

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	30	28	SE	6	b	4	Valencia	29.49	50	46	S	1	c	3
Sumburgh Head	29.69	36	35	SE	4	r	5	Scilly	29.50	47	46	WNW	4	om	3
Stornoway	29.53	39	38	S	3	r	3	Jersey	29.46	47	47	WSW	5	odp	4
Aberdeen	29.62	37	37	SE	5	ogdg	6	Hurst Castle	29.28	45	44	SW	3	fa	2
Shields	29.57	39	38	ESE	3	od	4	Dungeness	29.36	45	45	SSE	5	r	4
Ardrossan	29.52	37	36	NE	3	om	1	North Foreland	29.40	43	43	E	5	r	4
Malin Head	29.47	44	43	S	3	o	2	London (Westminster)	29.30	47	46	ESE	3	or	#
Belmullet	29.48	47	46	S	1	c	*	Yarmouth	29.46	38	37	ESE	6	gmqr	5
Holyhead	29.47	41	41	NE	2	fg	1	Rocheport	29.62	49	49	HW	5	r	#

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

Weather in morning fine over the southern half of Russia, North Germany, Denmark, the Baltic, and the greater part of Scandinavia, as well as in some parts of Ireland and Scotland, overcast elsewhere, and very unsettled over England and the north of France. Much rain still falling in the latter regions (0.95 in. at Loughborough during the day) snow in Finland and the north of Russia and also at Breslau and Mannheim.

Temperature risen rapidly in Scotland (as much as 31° at Nairn), fallen very fast over North Germany, Denmark, some parts of Sweden and over Finland and the northern parts of Russia, slightly over several parts of southern and southeastern Europe. Highest 56° to 50° on the southern shores of the Mediterranean, 52° to 53° on the Atlantic coasts of Spain and Portugal, 48° to 44° on our own southwestern coasts, 44° at Paris. Lowest -12° to zero Fahrenheit: at many stations over northern Europe, much below 20° over Denmark, North Germany, and the south of Russia; above the freezing point all over the British Islands. Changing fitfully later.

Wind (1) NW to N over Finland, the Baltic Provinces and North Germany, and blowing strongly at the more northern of the stations in those regions. W and light over the southern half of Russia, (2) light and anticyclonic over Central Europe, (3) strong to light and cyclonic (very complex) over the British Islands, France, and the Bay of Biscay; (4) light and cyclonic over the Mediterranean and south of France. Blowing a moderate gale from E over the east of England later, and from W over London at night.

Barometer highest (1) 30.2 in. and more to 30.0 in. in an anticyclone covering Central Europe, the Baltic, Denmark, and the south of Scandinavia; (2) 30.1 in. and more to 30.0 in. over the southern parts of the Iberian Peninsula and the north of Africa. Lowest, below 29.4 in. over the north of Russia, as well as in a small depression over the English Channel; below 29.5 in. over the west of Ireland, and below 29.9 in. in a shallow disturbance near Rome. Depression over English Channel moving northwards 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.

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 7th February, 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 ...	30.03	-10	Z	0	b	30.08	+16	-6	-6	-1	Z	0	s	#	b	#	5	-24	-	
	Hernösand ...	30.02	6	Z	0	s	30.06	+04	-4	-4	+9	Z	0	b	#	s	#	9	-18	-	
	Stockholm ...	30.10	12	Z	0	b	30.07	+13	5	4	+2	NE	2	b	#	s	#	16	1	-	
	Wisby ...	30.09	15	SSE	2	b	30.12	+07	14	12	-7	SE	4	b	#	b	#	23	10	-	
	Karlstad ...	30.07	9	N	2	0	30.14	+09	4	4	0	N	2	0	#	0	#	#	#	-	
	Bodö ...	29.82	12	ESE	2	b	29.89	+09	23	20	+4	E	4	c	1	b	#	23	16	-	
	Christiansund ...	29.85	29	E	2	b	29.90	+04	30	29	0	Z	0	c	3	b	#	34	27	-	
	Skudesnaes ...	29.82	29	ESE	2	b	29.92	+10	25	22	-5	E	2	b	2	b	#	31	23	#	
	Færder (Christiania Fjord)	30.00	16	NE	3	b	30.07	+08	15	15	-4	NNE	4	m	2	b	#	19	14	-	
	Skagen (The Scaw)	29.94	21	ESE	4	b	29.95	-01	23	22	+4	ESE	5	b	1	b	#	23	19	-	
BRITISH ISLANDS.	Panö ...	29.56	26	E	8	0	29.60	-09	27	26	+7	E	7	s	#	0	#	27	19	-	
	Sumburgh Head	29.62	36	SSE	2	0	29.80	+13	36	33	0	S	2	c	4	0	#	37	32	0.25	
	Stornoway ...	29.57	39	Z	0	0	29.78	+19	38	37	-1	WSW	3	0	3	0	#	43	33	-	
	Wick ...	29.58	38	S	4	0	29.82	+35	36	36	-2	SW	3	0	3	0	#	39	35	-	
	Nairn ...	29.58	34	Z	0	0	29.83	+31	29	27	-3	Z	0	m	1	0	#	37	26	-	
	Aberdeen ...	29.63	36	ESE	2	og	29.91	+32	24	23	-13	N	2	b	4	og	0.0	38	24	-	
	Leith ...	29.61	38	Z	0	0	29.88	+36	36	35	0	Z	0	0	#	0	#	39	34	0.02	
	Shields ...	29.54	36	NE	3	a	29.88	+35	37	34	-1	N	2	0	4	od	#	38	34	0.07	
	Spurn Head ...	29.43	35	NNW	4	0	29.79	+35	36	35	0	NW	4	0	4	o.r	#	37	34	0.07	
	York ...	29.50	35	N	1	0	29.87	+38	36	34	+1	N	1	c	#	0	0.0	38	33	0.03	
GERMANY & HOLLAND.	Loughborough ...	29.51	36	WNW	1	0	29.86	+35	32	31	-2	WNW	2	b	#	om.c.b	#	38	32	-	
	Ardrossan ...	29.57	37	NE	1	of	29.87	+34	37	36	+1	Z	0	of	0	of	#	38	35	-	
	Malin Head ...	29.57	41	S	1	r	29.83	+35	42	42	+3	WSW	2	cf	1	r	#	42	39	0.06	
	Belmullet ...	29.62	44	N	2	om	29.90	+42	34	34	-8	W	2	of	#	bc,om	#	47	30	0.08	
	Donaghadee ...	29.60	40	NW	3	c	29.88	+36	38	38	-3	W	3	c	1	c	#	43	37	-	
	Liverpool (Bidston)	29.56	37	NNW	1	om	29.87	+35	37	36	0	Z	0	0	1	om	#	40	36	0.01	
	Holyhead ...	29.58	41	NW	1	0	29.89	+38	43	42	+4	W	2	om	1	0	#	43	38	-	
	Parsonstown ...	29.62	43	Z	0	e	29.92	+45	41	41	-1	Z	0	0	#	ap.c	0.0	46	36	0.05	
	Valencia ...	29.69	45	NW	2	0	29.97	+52	39	38	-6	Z	0	em	3	c.o	3.8	49	37	-	
	Roche's Point ...	29.65	46	NNW	3	c	29.98	+55	40	38	-5	N	3	b	4	c	#	48	38	0.06	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	29.59	42	NNE	3	0	29.92	+45	43	42	+1	NW	3	c	4	0	0.2	44	41	0.02	
	Scilly ...	29.58	47	NNW	5	c	29.92	+59	45	43	-2	NNW	1	c	4	omf,ap	0.0	52	42	0.07	
	Prawle Point ...	29.56	40	NNE	3	c	29.94	+45	39	38	-4	NW	2	b	2	c	#	43	37	0.06	
	Jersey (St. Aubin's)	29.44	49	W	5	0	29.95	+35	41	41	-4	WNW	2	em	2	0	#	51	41	0.31	
	Hurst Castle ...	29.48	40	NNE	3	0	29.89	+34	38	37	-4	W	2	b	2	om,om	#	45	37	0.03	
	Dungeness ...	29.39	39	NNE	3	0	29.80	+27	37	35	-2	NW	4	c	3	r.o	#	44	36	0.05	
	North Foreland	29.41	37	N	2	0	29.76	+26	37	35	0	W	6	0	4	c.o	#	40	34	-	
	London (Brixton) ...	29.48	36	NE	3	0	29.84	+31	37	34	-1	NW	2	c	#	0	0.0	40	36	-	
	Oxford ...	29.56	37	N	3	og	29.88	+34	38	37	0	NW	2	og	#	og	#	40	37	-	
	Cambridge ...	29.48	36	NW	3	0	29.83	+33	36	34	+1	NW	3	0	#	0	0.0	37	33	-	
PENIN- SULA.	Yarmouth ...	29.39	36	WNW	3	c	29.71	+37	35	34	-1	N	4	cg	4	c	#	37	33	-	
	Cuxhaven ...	29.51	24	ESE	5	s	29.45	-12	28	28	+6	E	3	0	#	s	#	28	22	0.04	
	Berlin ...	29.65	29	ESE	2	s	29.47	-24	30	29	+9	E	4	0	#	s	#	30	21	0.51	
	Wiesbaden ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Munich ...	29.70	35	S	4	b	29.54	-20	40	39	+4	WNW	7	r	#	b	#	45	34	0.43	
	The Helder ...	29.35	36	SW	2	0	29.51	+12	34	33	0	N	2	m	2	0	#	36	34	0.04	
	Brussels ...	#	#	#	#	#	29.66	+12	36	34	-3	W	5	0	#	r	#	46	33	0.24	
	Cape Gris Nez ...	29.43	39	E	2	r	29.76	+24	38	37	-2	NW	5	c	5	r	#	43	34	0.12	
	Paris ...	29.44	51	SW	3	0	29.86	+14	41	38	-4	W	3	c	#	0	#	52	40	0.12	
	Brest ...	29.57	50	W	5	0	29.93	+37	47	46	-2	W	2	0	5	0	#	52	43	0.28	
GERMANY & HOLLAND.	Lorient ...	29.59	50	WNW	7	r	29.96	+37	44	?	-6	NW	1	c	5	r	#	55	43	0.55	
	Rochefort ...	29.73	54	W	9	r	29.97	+10	48	48	-2	N	2	r	#	r	#	55	46	1.18	
	Belfort ...	29.67	39	SW	1	r	29.75	-09	39	36	-1	W	8	0	#	r	#	41	35	0.24	
	Lyons ...	29.82	45	S	3	r	29.90	-05	48	44	+6	NW	1	0	#	r	#	55	42	0.12	
	Nice ...	29.80	50	N	3	b	29.69	-05	50	44	+8	W	4	b	5	b	#	61	42	-	
	Perpignan ...	30.04	52	Z	0	c	30.01	-05	60	53	+9	NW	5	0	#	c	#	63	48	-	
	Biarritz ...	30.01	58	WSW	3	0	30.05	+01	54	52	+3	WSW	5	r	5	0	#	61	51	0.08	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lisbon ...	30.38	53	WNW	3	b	30.41	+03	52	51	+3	NNW	2	b	#	b	#	61	49	-	
	Azores (P. Delgada)	30.13	59	S	5	b	30.07	-05	59	57	0	SSE	6	0	6	b	#	63	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 0.0 hrs; Brighton 2 hrs; Eastbourne 0.0 hrs; Hastings 2 hrs;

WEATHER CHARTS

FOR SUNDAY, 7th FEBRUARY, 1897.

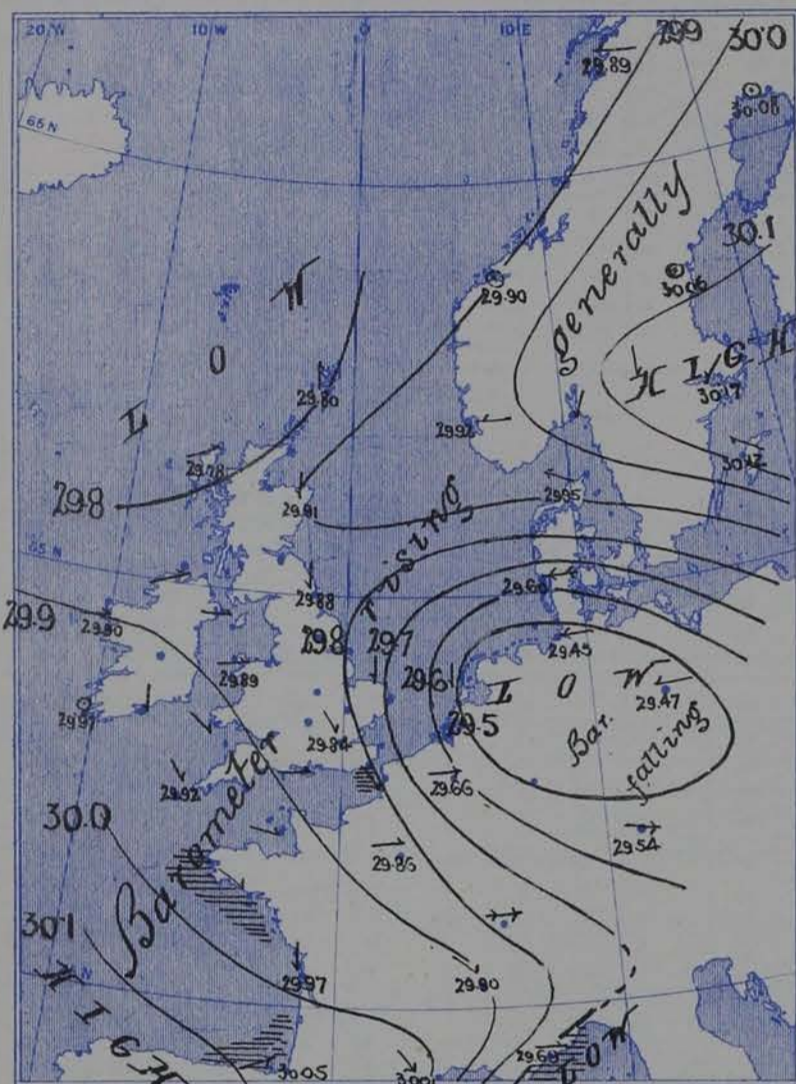
BAROMETER, WIND AND SEA.

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 ≡

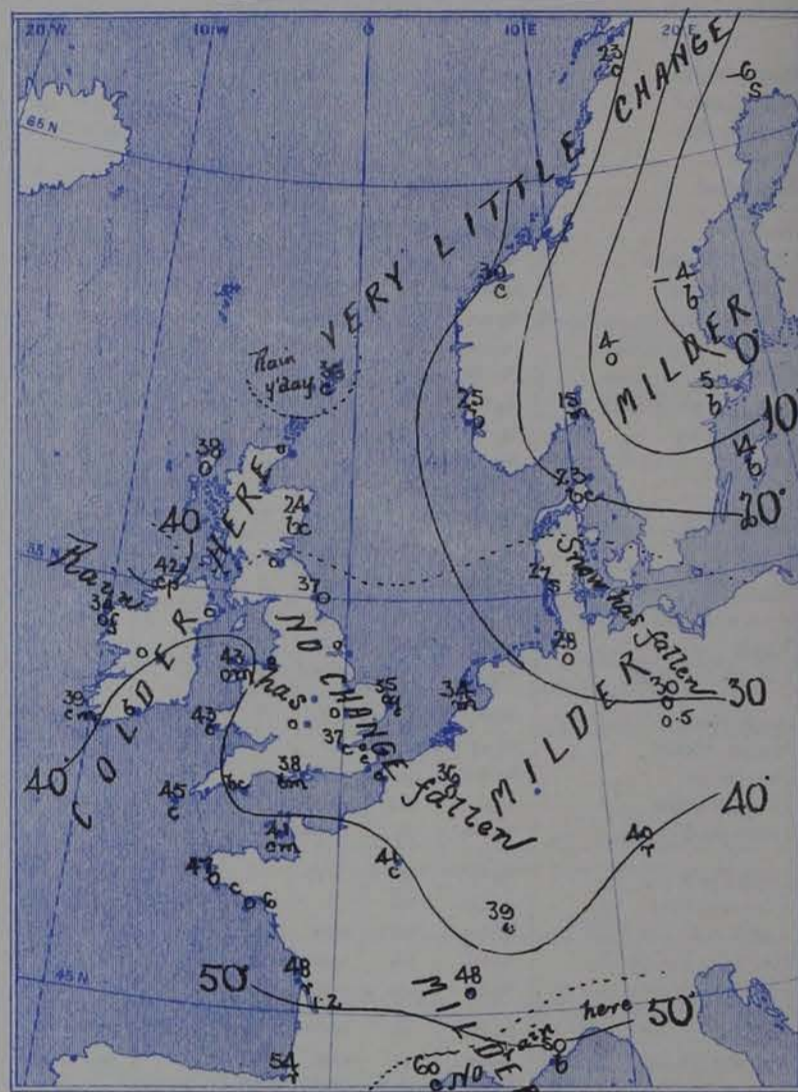


TEMPERATURE & WEATHER.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.0	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	23
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	20
Seilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30.4 in: and more to 30.0 in: over the Union Peninsula, the southwest of France; (2) 30.1 in: and more to 30.0 in: over the Baltic and Sweden.
Lowest, Below 29.5 in: in a complex depression over North Germany, below 29.7 in: over the Gulf of Genoa, and below 29.8 in: off the north coast of Scotland.
Gradients steep over the southern part of the North Sea, western and northern Germany, and Denmark, slight elsewhere.
Barometer rising decidedly all over the United Kingdom.

TEMPERATURE

Highest, 60° at Perpignan, 54° at Biarritz, 45° at Seilly, 41° at Paris, 40° at Munich.
Lowest, -6° F. at Haparanda, +4° at Karlsbad, 25° at Rostock, 28° at Cuxhaven, 24° at Aberdeen, 23° at Naiv, and 32° at York.
It has fallen over our Islands and the north of France, risen over Central and Southern Europe.

WIND

1. Light to calm over the greater part of Scandinavia, and light from the SW² over the northern parts of Scotland and Ireland.
2. Light to moderate from NN. over England, fresh W over Belgium and a gale over South Germany, but moderate E over North Germany, a gale at Sanö and a fresh breeze at the Scars.

WEATHER

Fair over Scandinavia, the British Islands, and France, as a whole; dull and unsettled over Germany and the Netherlands. Heavy rain has fallen in the east of France, smaller quantities over the remainder of that country, and Germany, as well as in the southwest of the British Isles. Slight showers over our northeastern coasts.
Bright Sunshine recorded yesterday 3.8 hrs. at Valencia, 1.6 hr. at Timorway, 0.2 hr. at Pembroke, none elsewhere.

SEA

Moderate in the north, the west, and the southeast, rough on the west and south coasts of France.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 8TH FEB: 1897.

DISTRICTS.

FORECASTS.

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

None issued

DISTRICTS.



FORECASTS.

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

WARNINGS

None issued

None issued.

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

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 ...	29.83	31	26	SE	4	c	3	Valencia ...	29.57	48	46	NN	1	c	3
Sumburgh Head ...	29.60	36	35	SSE	3	r	6	Scilly ...	29.36	50	49	WSW	5	omp	4
Stornoway ...	29.53	41	40	W	2	o	2	Jersey ...	29.41	51	51	WSW	6	o	5
Aberdeen ...	29.59	37	36	SSE	2	og	5	Hurst Castle ...	29.40	42	41	ENE	3	tm	2
Shields ...	29.52	38	37	NE	2	od	3	Dungeness ...	29.45	41	41	S	1	r	0
Ardrossan ...	29.54	38	37	NE	2	of	1	North Foreland ...	29.47	39	37	W	2	o	2
Malin Head ...	29.52	42	41	S	3	o	1	London (Westminster) ...	29.45	40	37	NE	1	o	#
Belmullet ...	29.53	47	45	WSW	2	b	*	Yarmouth ...	29.39	36	35	WNW	4	om	4
Holyhead ...	29.51	41	39	NE	2	c	1	Rochefort ...	29.76	52	52	WSW	9	r	#

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

Weather in morning fine and bright over Scandinavia and the Baltic, also over the southern shores of the Mediterranean and over Central Russia; overcast generally elsewhere, with rain at all our southernmost stations and in the northwest and west of France, as well as at Munich, snow in many parts of Austria and at St. Petersburg and Archangel. Rain falling later over the greater part of our Islands and France, heavily at Rochefort and Lorient, but in smaller quantities elsewhere - fine over northern Europe and Scotland.

Temperatures changing very fitfully in various localities. Morning readings 58° to 60° on the western, southern, and eastern coasts of the Mediterranean as a whole, 56° at Corunna, 50° to 49° on the west coast of France, 47° at Scilly, 45° at Valencia (Ireland). Lowest -15° to -5° F. in many parts of Finland and the north of Sweden, and below zero at Moscow, Kharkov, and Neufahrwasser; much below the freezing point over Germany, and Austria and in Norway. Rising later to 50° and more in the south of France, and to 50° and more on the southwest coasts of England, but not touching 40° over the northern and eastern parts of Great Britain.

Wind (1) light to moderate, and anticyclonic over southern Europe, Austria, Germany, and the Baltic; (2) NW, strong, over Finland, but SW at Archangel; (3) light to strong over the British Isles and France - cyclonic, but very complex in direction, but mainly W at the southern stations; NW, strong to a gale over the Mediterranean. Blowing a gale from W. at Rochefort later.

Barometer highest 30.3 in. and more to 30.0 in. in an anticyclone over the Iberian Peninsula, and in another over the Black Sea and southwest of Russia, and exceeding 30.0 in. in a ridge stretching thence across Northern Russia and the Baltic to Sweden. Lowest, below 29.4 in. in a small depression near the Hilder, and in another approaching Cornwall from the westward; below 29.5 in. off our northwest coasts, 29.6 in. over the White Sea, and 29.8 in. over the Gulf of Genoa. Rising at our eastern stations later, as the depression named above moved eastwards.

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 *Monday, 8th February, 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.
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
Haparanda ...	30.11	-2	Z	0	S	30.19	+11	1	1	+7	Z	0	S	#	S	#	1	-27	0.04		
Hernösand ...	30.09	-4	Z	0	b	30.17	+11	-14	-14	-10	Z	0	b	#	b	#	10	-14	-		
Stockholm ...	30.27	14	Z	0	b	30.34	+17	19	18	+14	SW	2	0	b	#	b	#	21	3	-	
Wisby ...	30.26	15	SE	4	b	30.42	+30	18	17	+14	SSW	4	b	#	b	#	23	10	-		
Karlstad ...	30.25	4	H	1	b	30.32	+18	11	10	+7	S	2	0	b	#	b	#	#	#	-	
Bodö ...	29.91	22	E	2	b	29.85	-04	23	20	0	E	5	b	1	b	#	23	18	-		
Christiansund ...	29.92	35	SW	4	0	29.93	+03	37	33	+7	Z	0	0	3	0	#	37	28	-		
Skudesnaes ...	30.15	20	Z	0	b	30.22	+30	30	28	+5	SSE	6	0	4	b	#	34	18	#		
Færder (Christiania Fjord)	30.19	22	E	1	b	30.26	+19	24	23	+9	WSW	3	b	2	b	#	24	14	-		
Skagen (The Scaw)	30.23	24	E	1	b	30.34	+39	25	24	+2	SW	2	b	0	b	#	25	21	-		
Fanö ...	30.09	22	E	3	b	30.30	+70	16	16	-11	E	1	b	#	b	#	30	14	-		
Sumburgh Head	29.94	38	SSW	2	c	29.83	+03	41	40	+5	SSW	3	0	4	c	#	41	36	0.05		
Stornoway ...	29.92	41	WSW	3	od	29.82	+04	39	39	+1	S	3	0	3	c, od	1.3	43	35	0.16		
Wick ...	29.91	35	SW	1	c	29.82	+00	39	38	+3	SW	1	c	2	c	#	39	34	-		
Nairn ...	29.97	36	WSW	1	b	29.88	+05	41	38	+12	WSW	2	b	1	b	#	42	25	-		
Aberdeen ...	30.05	36	S	2	b m	30.00	+09	36	35	+12	S	2	cm	3	b m	2.0	38	24	-		
Leith ...	30.04	37	Z	0	0	30.05	+17	40	38	+4	S	1	0	#	0	#	44	34	-		
Shields ...	30.10	38	HW	1	0	30.13	+25	34	33	-3	SSW	3	0 m	4	0	#	39	30	-		
Spurn Head ...	30.08	36	HW	4	0	30.22	+43	35	33	-1	S	3	0	3	0, sp	#	37	32	-		
York ...	30.10	36	H	1	c	30.20	+33	34	33	-2	SE	1	0	#	0, c	0.0	39	29	-		
Loughborough ...	30.12	33	HW	1	0	30.25	+39	35	33	+3	SE	2	0	#	b c m, c, o	#	40	29	-		
Ardrossan ...	30.07	41	Z	0	op m	30.03	+16	43	43	+6	S	3	0 m	2	omp	#	43	36	0.01		
Malin Head ...	30.02	44	SSW	2	og m	29.96	+13	42	42	0	SSW	4	og	2	omg	#	45	41	0.01		
Belmullet ...	30.07	45	WSW	1	0	30.00	+10	44	44	+10	SSW	2	0	#	0	#	47	34	0.10		
Donaghadee ...	30.06	43	S	3	c	30.07	+19	42	42	+4	SSW	3	c	1	c	#	45	37	0.02		
Liverpool (Bidston)	30.12	39	HW	1	0	30.17	+30	39	37	+2	SSE	1	0	1	0 m	#	40	35	-		
Holyhead ...	30.10	44	SW	1	0	30.14	+25	44	44	+1	S	3	og m	2	0	#	45	42	-		
Parsonstown ...	30.10	44	Z	0	c	30.07	+15	42	41	+1	SE	1	od	#	0	0.0	46	39	0.03		
Valencia ...	30.14	47	SSW	1	c	30.01	+04	49	49	+10	SSE	4	f d	4	c	9.0	49	34	0.10		
Roche's Point ...	30.14	47	SSW	1	c	30.10	+12	46	46	+6	SSW	5	r	4	b c	#	49	40	0.05		
Pembroke (St. Ann's Hd.)	30.14	45	SSW	1	b c	30.19	+27	45	44	+2	WSW	4	og	4	c, o	1.7	47	43	-		
Scilly ...	30.14	47	HW	1	b c	30.19	+27	49	47	+4	S	4	0	4	b c	8.5	51	43	0.01		
Prawle Point ...	30.16	44	HW	3	c	30.29	+35	44	43	+5	SW	2	c	2	c	#	49	38	-		
Jersey (St. Aubin's)	30.14	46	HW	2	b m	30.33	+38	42	42	+1	HW	1	f	1	b m	#	52	37	0.01		
Hurst Castle ...	30.11	42	HE	1	cm	30.29	+40	42	40	+4	S	3	og	2	cm	#	47	37	-		
Dungeness ...	30.04	38	H	3	c	30.31	+51	31	30	-6	HW	2	og	1	b c, c	#	42	28	-		
North Foreland	30.06	37	HW	4	0	30.33	+57	32	32	-5	W	2	0	2	0	#	40	31	-		
London (Brixton) ...	30.11	37	HW	2	b	30.30	+46	34	32	-3	SSW	1	og m	#	c g, b	0.4	42	29	-		
Oxford ...	30.18	33	HW	1	b	30.29	+41	36	34	-2	SSE	2	0	#	g, b	#	43	32	-		
Cambridge ...	30.11	36	H	3	0	30.27	+44	32	31	-4	HW	1	og m	#	c, o	1.5	42	28	-		
Yarmouth ...	29.98	35	HW	4	0	30.27	+56	35	33	0	WSW	3	cf	3	0	#	36	33	0.01		
Cuxhaven ...	29.77	28	HE	3	0	30.26	+81	25	25	-3	SE	2	ops	#	0 sp	#	28	25	0.04		
Berlin ...	29.75	24	HE	4	0	30.22	+75	23	21	-7	HE	3	0	#	0	#	30	24	0.16		
Wiesbaden ...	#	#	#	#	#	30.22	#	34	32	#	W	2	0	#	#	#	43	32	0.24		
Munich ...	29.78	32	SW	6	S	30.11	+57	29	29	-11	W	4	S	#	S	#	44	28	0.32		
The Helder ...	#	#	#	#	#	30.11	#	29	29	#	#	#	#	#	#	#	#	#	#		
Brussels ...	#	#	#	#	#	30.32	+66	32	32	-4	HE	1	0	#	r	#	36	32	-		
Cape Gris Nez ...	30.04	38	H	4	0	30.28	+82	36	34	-2	H	1	0	2	0	#	43	34	-		
Paris ...	30.09	41	HW	3	c	30.36	+50	36	33	-5	HW	2	b c	#	c	#	46	36	-		
Brest ...	30.20	46	HE	1	b	30.30	+37	43	41	-4	SSE	2	0	4	b	#	57	37	-		
Lorient ...	30.14	46	HW	3	b	30.33	+37	39	#	-5	S	3	m	4	b	#	54	39	0.32		
Rochefort ...	30.10	47	H	2	0	30.34	+37	39	39	-9	S	1	c	#	0	#	54	37	0.16		
Belfort ...	29.94	37	H	7	m	30.24	+49	32	31	-7	W	3	m	#	m	#	43	32	0.04		
Lyons ...	30.09	42	HW	1	0	30.35	+45	36	32	-12	HW	2	0	#	0	#	50	36	0.20		
Nice ...	29.64	53	Z	0	b	29.87	+18	43	34	-7	Z	0	b	1	b	#	61	43	-		
Perpignan ...	29.98	57	HW	5	r	30.24	+27	44	39	-16	HW	2	b	#	r	#	65	44	-		
Biarritz ...	30.09	54	WSW	5	r	30.28	+23	46	45	-8	E	2	c	4	r	#	59	45	0.24		
Corunna ...	#	#	#	#	#	30.32	+66	32	32	-4	HE	1	0	#	#	#	36	32	-		
Lisbon ...	30.41	53	H	3	b	30.39	+02	50	48	-2	H	3	b	#	b	#	59	50	-		
Azores (P. Delgada)	29.93	60	SSE	7	0	29.91	-16	59	58	0	S	6	r	7	0	#	63	57	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 1.2 hrs; Brighton 0.2 hrs; Eastbourne 5.0 hrs; Hastings 4.1 hrs;

WEATHER CHARTS

FOR *Monday, 8th February, 1897.*

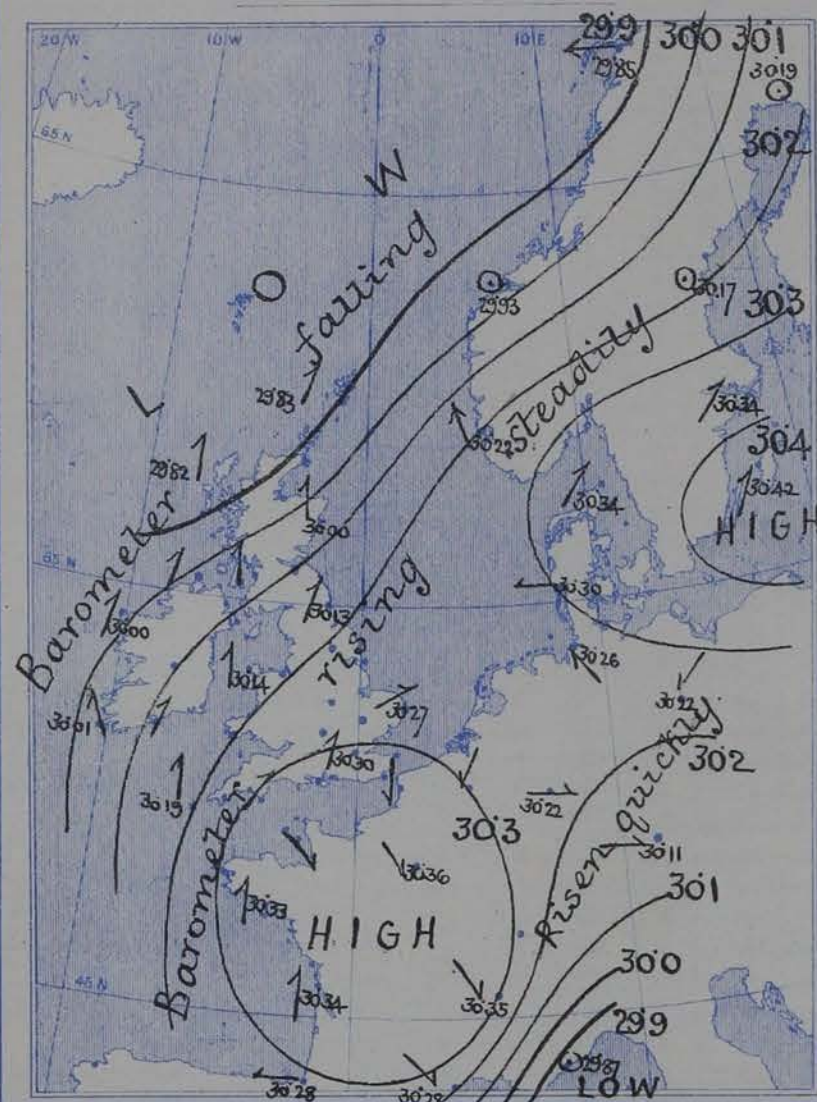
BAROMETER, WIND AND SEA.

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 ■■■■

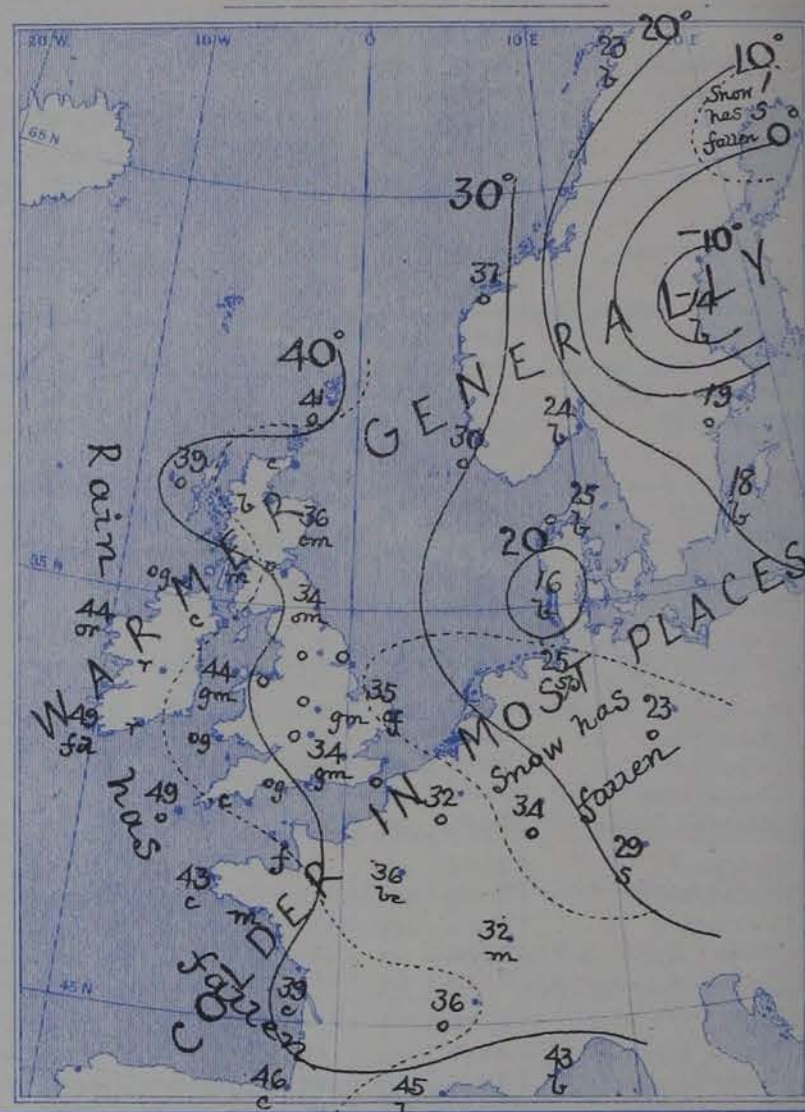


TEMPERATURE & WEATHER.

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 FEBRUARY.

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.			
Sumburgh Head	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	51	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	70.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.1	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 in: to 30.3 in: over the Baltic, Denmark, and the south of Sweden, and 30.3 in: and more over France.
 Lowest, Below 29.9 in: over Linnmark, the Shetlands, and the north of Scotland, and also over the Gulf of Genoa.
 Gradients slight in the south and east, but somewhat steep over Scotland, moderate and increasing over Ireland.
 Barometer falling in the west and north, and the fall is spreading eastwards.

TEMPERATURE

Highest, 49° at Valencia and Sicily, 46° at Birmm, 44° at Tralee Point and Bilmullet.
 Lowest, -14° F. at Hnnsand, +11° at Kntstet, 16° at Tan, 23° at Berlin, 31° at Dmngm, 34° in London and at York.
 It has risen quickly over Ireland and Scotland during the night, fallen decidedly over England, and rapidly over France. Sharp frost occurred at the English stations early this morning.

WIND

Light and very variable over France, light from between SW. and SE. over England; S. and freshening over Ireland and Scotland; S. to E. in the west of Norway.

WEATHER

Fair over France, Denmark, the Baltic and many parts of Scandinavia and Scotland; overcast elsewhere, and raining over many parts of Ireland. Snow is falling at some German stations.
 The rainfall in Ireland and the west of Scotland is slight at present; larger amounts have fallen in some parts of France, snow at Munich.
 Bright Sunshine recorded yesterday was 8.5 hrs at Sicily, 3.0 hrs at Valencia, 2.0 hrs at Aberdeen; 5.0 hrs at Eastbourne, 4.1 hrs at Birmm, but only 0.4 hr in London.

SEA

Moderate on our northern and western coasts, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The southerly current of wind seems likely to freshen generally, with milder and damper weather — especially in the west and north-west.

FORECASTS

For the 24 hours ending at NOON on 9th FEB: 1897.

DISTRICTS.

FORECASTS.

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

S² and SW² winds, increasing in force; rain at times.

S² winds, moderate; dull, milder, becoming showery later.

DISTRICTS.



FORECASTS.

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

S² winds, freshening considerably; rainy, unsettled.

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 ...	30.07	34	31	2	0	6	2	Valencia ...							
Sumburgh Head ...								Scilly ...	30.14	47	45	W.W.	1	bc	3
Stornoway ...	29.87	43	42	W.S.W.	3	c	3	Jersey ...	30.04	51	47	W.W.	3	bm	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.94	38	35	W.W.	4	bc	3
Ardrossan ...								North Foreland ...	29.91	39	36	W.W.	5	0	4
Malin Head ...	29.97	44	43	W	2	c	0	London (Westminster) ...							
Belmullet ...		47	45	W.S.W.	2	0	*	Yarmouth ...							
Holyhead ...								Rochefort ...	30.03	49	48	SE	2	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 31st JAN. TO THE 6th FEB. 1897.

In the course of this week we have witnessed the complete breaking up of the frosty weather over Ireland and England, but a temporary increase of its intensity, in a marked manner over the northern and eastern parts of Scotland. This change to milder weather over England and Ireland has been brought about by the appearance of several small depressions — some reaching our shores from the Atlantic, while others appear to have been developed immediately over us. They have been accompanied by SE to SW winds — varying greatly in force and at times blowing hard — by very large quantities of rain and wet snow, and during many days, by a very humid atmosphere.

In Scotland, however, where pressure distribution has been mainly anticyclonic the temperature fell day by day, until on the morning of Thursday the minima recorded were as low as 0° at Nairn and 3° at Wick and Aberdeen. This was followed by a most sudden change — for by Friday the thermometer has risen to between 34° and 37° at the stations named, and cyclonic conditions were prevalent over Scotland 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 *Tuesday, 9th February, 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.
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
	Hernösand ...	30.26	4	Z	0	0	30.16	-0.3	19	19	+18	S	2	0	0	0	19	-4	-		
	Stockholm ...	30.19	6	Z	0	0	30.06	-1.11	24	23	+38	S	4	0	0	0	24	-17	-		
	Wisby ...	30.41	20	SW	2	6	30.40	+0.6	20	18	+1	SSW	4	6	0	0	25	10	-		
	Karlstad ...	30.53	19	SSW	4	6	30.50	+0.8	21	19	+3	S	4	6	0	0	27	10	-		
	Bodo ...	30.35	24	S	2	0	30.23	-0.9	22	21	+11	S	4	0	0	0	27	10	-		
	Christiansund ...	29.79	27	E	6	5	29.64	-1.21	28	25	+5	E	7	6	2	0	28	19	-		
	Skudesnaes ...	29.84	40	WSW	4	0	29.52	-1.41	40	35	+3	SSE	5	0	4	0	40	34	-		
	Færder (Christiania Fjord)	30.12	33	SE	8	0	29.71	-1.51	31	31	+1	SE	8	5	6	0	34	18	-		
	Skagen (The Scaw)	30.30	31	WSW	4	0	30.08	-1.18	28	27	+4	S	6	0	4	0	31	23	-		
BRITISH ISLANDS.	Fanö ...	30.29	26	SW	3	0	30.11	-1.23	27	26	+2	S	8	0	3	0	28	23	-		
	Sumburgh Head	30.36	26	S	4	0	30.24	-1.26	26	26	+10	SE	6	5	0	0	32	14	-		
	Stornoway ...	29.71	42	SSW	3	0	29.28	-1.55	41	39	0	SW	4	0	4	0	44	38	0.33		
	Wick ...	29.66	44	SW	4	0	29.42	-1.40	38	38	-1	W	4	0	5	0	46	35	0.25		
	Nairn ...	29.70	40	W	4	0	29.38	-1.44	39	38	0	NW	5	0	3	0	43	36	-		
	Aberdeen ...	29.76	41	SW	1	0	29.47	-1.41	40	38	-1	WSW	2	0	1	0	44	36	0.01		
	Leith ...	29.86	40	S	2	0	29.55	-1.45	36	35	0	SW	1	0	3	0	40	34	-		
	Shields ...	29.85	42	S	2	0	29.62	-1.43	45	44	+5	WSW	3	0	0	0	47	38	0.13		
	Spurn Head ...	29.95	40	SSW	3	0	29.69	-1.44	46	45	+12	SW	2	0	3	0	46	33	0.16		
	York ...	30.10	38	S	4	0	29.80	-1.42	44	44	+9	WSW	4	0	3	0	44	35	0.03		
GERMANY & HOLLAND.	Loughborough ...	30.08	39	S	1	0	29.80	-1.40	44	44	+10	S	1	0	0	0	46	32	0.09		
	Ardrossan ...	30.12	42	SE	3	0	29.89	-1.36	47	46	+12	SW	3	0	0	0	47	35	0.09		
	Malin Head ...	29.82	42	S	3	0	29.65	-1.38	45	44	+2	WSW	4	0	3	0	45	41	0.18		
	Belmullet ...	29.72	43	S	4	0	29.70	-1.26	43	43	+1	WSW	5	0	3	0	44	42	0.23		
	Donaghadee ...	29.77	49	WSW	4	0	29.83	-1.17	46	45	+2	WNW	2	0	0	0	49	43	0.40		
	Liverpool (Bidston)	29.81	45	SSW	4	0	29.75	-1.32	48	48	+6	W	4	0	2	0	50	40	0.24		
	Holyhead ...	29.96	42	SSE	3	0	29.83	-1.34	46	45	+7	SW	3	0	3	0	49	37	0.11		
	Parsonstown ...	29.92	46	SSW	6	0	29.83	-1.31	45	45	+1	SW	6	0	5	0	46	43	0.42		
	Valencia ...	29.90	51	W	2	0	29.86	-1.21	49	49	+7	SW	1	0	0	0	51	41	0.13		
	Roche's Point ...	29.97	51	SW	4	0	29.94	-1.07	50	49	+1	SW	2	0	3	0	52	48	0.32		
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.01	50	WSW	5	0	29.93	-1.17	50	49	+4	WNW	3	0	4	0	51	46	0.12		
	Seilly ...	30.03	47	WSW	5	0	29.91	-1.28	47	47	+2	W	5	0	5	0	47	45	0.28		
	Prawle Point ...	30.12	50	WSW	4	0	30.02	-1.17	50	50	+1	WSW	5	0	4	0	51	47	0.16		
	Jersey (St. Aubin's)	30.17	47	SSW	5	0	30.05	-1.24	47	47	+3	WSW	5	0	4	0	47	43	0.16		
	Hurst Castle ...	30.29	46	SSW	4	0	30.17	-1.16	48	47	+6	WSW	3	0	3	0	48	41	0.05		
	Dungeness ...	30.21	44	SSW	4	0	30.05	-1.24	45	44	+3	SW	4	0	3	0	47	41	0.10		
	North Foreland	30.28	41	SSW	3	0	30.03	-1.28	44	44	+13	SW	5	0	4	0	44	30	0.06		
	London (Brixton) ...	30.29	39	S	2	0	30.03	-1.30	46	45	+14	SW	3	0	2	0	46	32	0.06		
	Oxford ...	30.23	42	S	2	0	30.00	-1.30	48	46	+14	WSW	3	0	0	0	48	34	0.06		
	Cambridge ...	30.13	42	SSW	3	0	29.97	-1.32	48	47	+12	SW	3	0	0	0	48	35	0.10		
PENIN- SULA.	Yarmouth ...	30.23	39	SSW	3	0	29.94	-1.33	48	47	+16	SW	4	0	0	0	48	31	0.08		
	Cuxhaven ...	30.22	37	SSW	4	0	29.90	-1.37	35	34	0	SW	3	0	3	0	37	33	0.04		
	Berlin ...	30.40	23	S	1	0	30.14	-1.12	28	28	+3	SSE	4	0	0	0	28	23	-		
	Wiesbaden ...	30.48	19	E	2	0	30.50	+1.28	11	11	-12	SE	3	0	0	0	27	9	-		
	Munich ...	30.37	34	W	0	0	30.37	+1.15	34	31	0	NW	2	0	0	0	36	32	-		
	The Helder ...	30.41	28	Z	0	0	30.43	+1.32	26	26	-3	E	2	0	0	0	30	26	0.20		
	Brussels ...	30.29	31	SSE	1	0	29.96	-1.36	36	35	0	SSW	6	0	3	0	36	31	0.16		
	Cape Gris Nez ...	30.18	36	S	1	0	30.18	-1.14	36	35	+4	SSW	6	0	0	0	36	32	0.04		
	Paris ...	30.04	43	SW	4	0	30.04	-1.24	43	43	+7	SW	4	0	5	0	43	34	0.08		
	Brest ...	30.28	39	S	2	0	30.28	-1.08	38	37	+2	S	3	0	0	0	42	36	-		
FRANCE & BELGIUM.	Lorient ...	30.18	49	SW	3	0	30.18	-1.12	49	48	+6	SW	3	0	3	0	49	43	0.04		
	Rocheport ...	30.24	46	SSW	4	0	30.24	-1.09	47	47	+8	W	3	0	4	0	52	37	0.08		
	Belfort ...	30.30	45	W	3	0	30.30	-1.04	45	44	+6	S	3	0	0	0	55	39	-		
	Lyons ...	30.35	32	SW	1	0	30.35	+1.11	32	30	0	E	2	0	0	0	37	30	-		
	Nice ...	30.42	31	N	1	0	30.42	+1.07	31	30	-5	NW	1	0	0	0	39	30	-		
	Perpignan ...	30.25	40	Z	0	0	30.25	+1.38	40	35	-3	ENE	2	0	2	0	57	39	-		
	Biarritz ...	30.30	50	NW	3	0	30.30	+1.02	50	41	+6	NW	3	0	0	0	60	43	-		
	Corunna ...	30.32	51	N	2	0	30.29	+1.01	50	48	+4	S	2	0	2	0	55	48	-		
	Lisbon ...	30.36	57	N	3	0	30.38	-1.01	47	47	-3	NNE	3	0	0	0	61	46	-		
	Azores (P. Delgada)	29.93	60	S	6	0	29.90	-1.01	61	60	+2	S	5	0	6	0	63	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 ... hrs; Brighton ... hrs; Eastbourne ... hrs; Hastings ... hrs;

WEATHER CHARTS

FOR

Tuesday, 9th February, 1897.

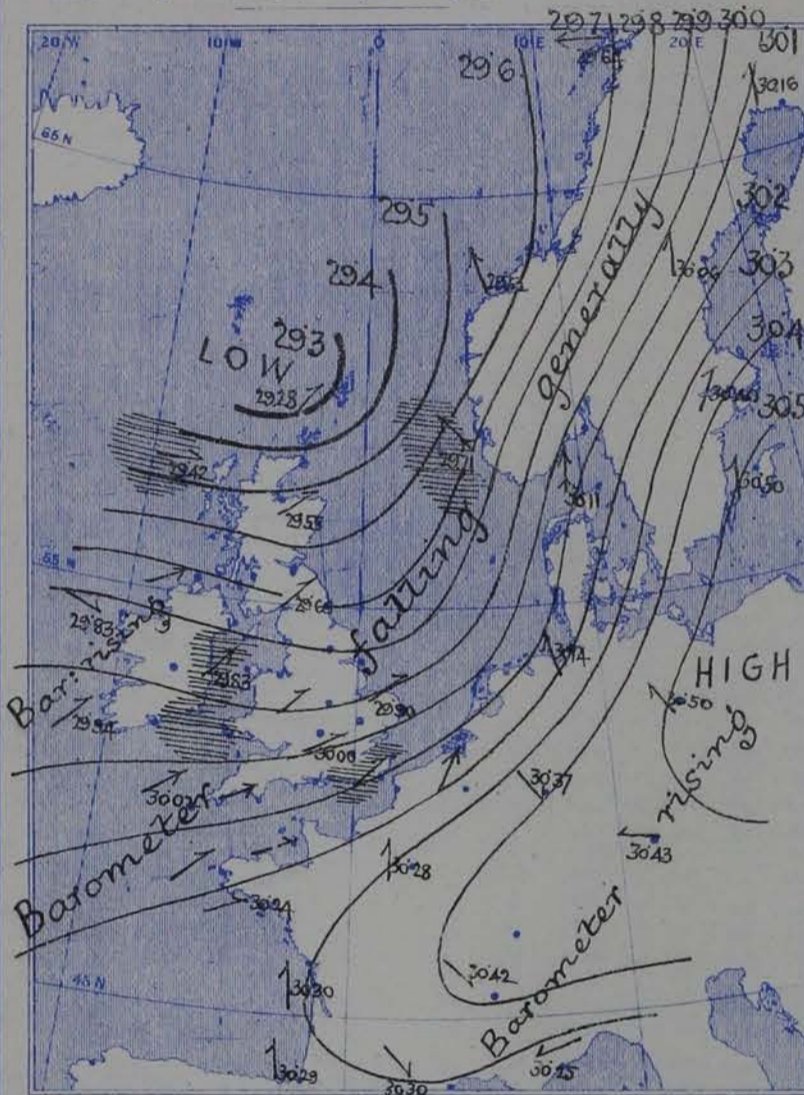
BAROMETER, WIND AND SEA.

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 ≡≡≡

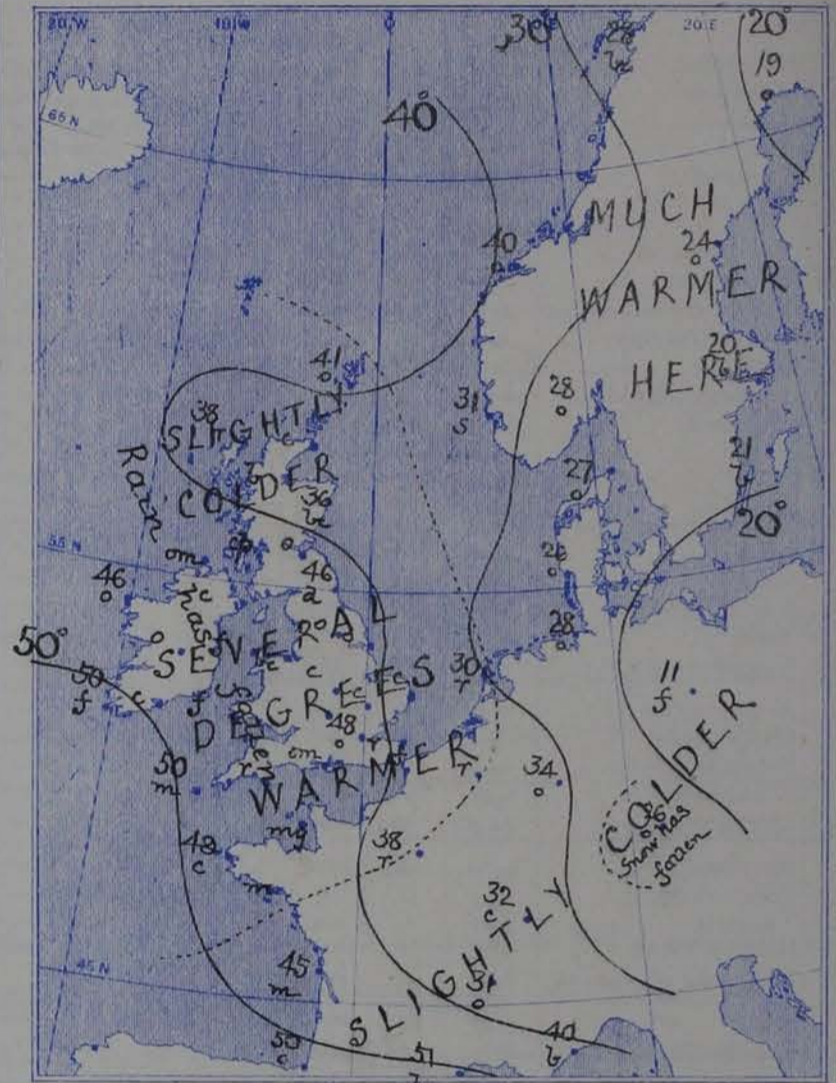


TEMPERATURE & WEATHER.

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 FEBRUARY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.						RAINFALL.			BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.			Means, 1866—95.	Hours.	Per cent. of possible.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.				
	(Inches.)	°	°	°	°	°		°	(Inches.)			
Sumburgh Head	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	23
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	—	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	20
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.5 ins. and upwards over the Baltic and eastern Germany.
Lowest 29.3 ins. and less in a depression lying off the north of Scotland.
Gradients moderate over our Islands and France, but steep over the North Sea, Scandinavia, Denmark and the Netherlands. Barometer falling in most parts of northwestern Europe, but rising again in Ireland, rising also at some of the German stations.

TEMPERATURE

Highest 51° at Perpignan, 50° at Valencia (Ireland) Roches Pt. and Scilly, and 49° at Parsonstown and Brest.
Lowest 11° at Berlin, 19° at Haparanda, 20° at Stockholm, 21° at Ulsby, 22° at Karlstad, 24° at Helsingfors.
A considerable rise has taken place over the central and southeastern parts of England, the change since yesterday amounting at Cambridge to 16°.

WIND

Light to fresh from the W. in Scotland and the N. of Ireland, but from the SW. over England and the north of France.
Strong from the S. over the Netherlands and the eastern shores of the North Sea, with a gale at Skudesnæs and the Scaev; moderate from the same quarter in Sweden.
Variable or E. over the southern parts of France and Germany.

WEATHER

Very changeable in our Islands, with fog or mist on our west and southwest coasts, and with rain or passing showers in several parts of St. Britain.
Dull at most of the Continental stations, with rain in the Netherlands and N.E. of France, and with snow at Skudesnæs. Fine and bright in the S. of Sweden, and also in the extreme S. of France.
Rain fell yesterday in nearly all parts of our Islands, but the quantity was mostly slight.

SEA

Rough at Skudesnæs and rather rough at Stornoway, Holyhead, Penzance and Cape Gris Nez, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north will probably move away shortly to the N.W. The distribution of pressure remains favourable, however, for the advance of other disturbances from the Atlantic.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

W. to S. winds, unsettled, rain at times.

Same as No. 5.

SW winds, moderate to strong, mild, changeable, some rain.

DISTRICTS.

FORECASTS.

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

W. to SW. or S. winds, unsettled, rain at times.

WARNINGS

None issued

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

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	34	31	SE	7	o	4	Valencia ...	29.99	52	51	SW	4	om	5
Sumburgh Head ...	29.78	42	41	W	3	o	4	Scilly ...	30.44	50	50	S	4	om	4
Stornoway ...	29.76	46	44	SW	4	bc	4	Jersey ...	30.23	47	46	SW	2	o	3
Aberdeen ...	29.53	40	38	SW	3	cm	3	Hurst Castle ...	30.26	47	45	SSW	3	cu	2
Shields ...	30.07	40	39	SSW	2	cm	3	Dungeness ...	30.31	41	39	SW	3	c	2
Ardrossan ...	29.95	44	43	WNW	4	o	2	North Foreland ...	30.35	39	37	S	2	o	2
Malin Head ...	29.86	43	43	S	5	o	2	London (Westminster) ...	30.27	44	40	SSW	2	o	#
Belmullet ...	29.83	46	46	S	2	or	#	Yarmouth ...	30.25	37	35	SSW	3	c	3
Holyhead ...	30.03	44	44	S	4	Tgm	3	Rochefort ...	30.34	50	48	S	3	c	#

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

Weather in morning dull in most parts of our Islands, with rain at several of the Irish stations. Fine and bright over Denmark and the Baltic, and also over Nth Italy and the Sth parts of France and Spain; cloudy in most other parts of the continent, with snow at several of the German, Austrian and Russian stations. Rain falling later over nearly the whole of our Islands and their immediate neighbourhood, but amount mostly small.

Temperature risen in our Islands, and also in Scandinavia, Russia and Austria, but fallen elsewhere. Morning readings highest 57° at Malta and Algiers, 56° at Patras, and 55° at Corunna, above 50° at several of the Mediterranean and Spanish coast stations, and very little below it on our own extreme SW. coasts. Lowest -14.5° at Hernösand, -8° at St. Petersburg, -7° at Riga and -1° at Moscow, considerably below the freezing point in most parts of Nth, Eth and central Europe. Rising during day to 45° and upwards on our own Wth and Sth coasts, exceeding 50° in the W. and S. of France and reaching 60° at Perpignan.

Wind light to moderate from the Sth over our Islands and their immediate neighbourhood. Calm or Wth over the greater part of Scandinavia and Nth Russia; varying between E. and N. over the Baltic, Eth Germany and the S. of Russia; variable in Austria and Italy; Nth or NWth over the Spanish Peninsula and the S. of France; subsequently veering to the SWth in many parts of our Islands, and freshening considerably on our Wth and Sth coasts.

Barometer highest 30.4 ins. and upwards over the Nth part of the Baltic; 30.2 ins. and upwards in an anticyclone of irregular form embracing a considerable portion of Wth and Nth Europe. Lowest 29.6 ins. and less in a depression over the Adriatic; 29.8 ins. and less in another disturbance lying to the NWth of our Islands. Latter system subsequently spreading Eth and Sth, and barometer falling briskly on our Wth and Nth coasts.

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, 10th February, 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.
		Inch.	°				Inch.	Inch.	°	°	°						°	°	Inch.		
SCANDINAVIA.	Haparanda ...	29.95	22	SSW	4	0	29.70	-.46	19	19	0	SSE	6	S	#	0	#	23	1	0.04	
	Hernösand ...	29.74	26	S	9	S	29.25	-.81	27	26	+3	SE	6	S	#	S	#	28	-4	0.24	
	Stockholm ...	29.94	28	S	8	0	29.42	-.99	30	30	+10	SW	6	0	#	0	#	30	16	0.24	
	Wisby ...	30.11	27	SSW	8	0	29.62	-.86	30	29	+9	SSW	8	S	#	0	#	30	16	0.55	
	Karlstad ...	29.69	27	E	6	S	29.36	-.87	30	28	+8	SSW	4	0	#	S	#	#	#	0.20	
	Bodo ...	29.35	25	E	6	0	29.19	-.45	26	25	-2	E	6	0	2	0	#	28	19	-	
	Christiansund ...	29.15	36	SW	3	S	29.17	-.35	31	31	-9	W	9	S	6	S	#	40	30	0.04	
	Skudesnaes ...	29.50	36	WSW	7	C	29.56	-.15	33	32	+2	WNW	7	S	5	0	#	36	28	#	
	Færder (Christiania Fjord)	29.52	34	S	7	f	29.39	-.69	35	30	+7	W	6	bc	4	f	#	35	28	0.12	
	Skagen (The Scaw)	29.63	32	SW	7	0	29.54	-.57	33	32	+6	WNW	7	C	3	0	#	36	25	0.16	
BRITISH ISLANDS.	Faro ...	29.77	34	SW	4	0	29.82	-.22	31	33	+8	W	4	C	#	0	#	36	26	0.39	
	Sumburgh Head ...	29.29	35	W	6	opsu	29.59	+3.1	38	35	-3	WNW	7	0	6	bc, spu	#	42	34	0.05	
	Stornoway ...	29.60	27	WNW	5	0	29.95	+5.3	38	36	0	WNW	2	0	2	C, 0	3.6	47	33	0.15	
	Wick ...	29.56	35	W	5	0	29.83	+4.5	36	36	-3	WNW	6	0	6	0	#	41	32	0.08	
	Nairn ...	29.67	37	WSW	3	C	29.95	+4.8	35	32	-5	WNW	1	bc	1	C, TS	#	45	30	0.01	
	Aberdeen ...	29.69	38	WSW	3	b	29.97	+4.2	35	31	-1	W	3	b	2	bc, p, q	4.3	48	33	0.01	
	Leith ...	29.75	41	W	3	bc	30.03	+4.1	37	36	-8	WSW	3	bc	#	bc	#	49	36	-	
	Shields ...	29.83	44	SW	3	C	30.06	+3.7	38	36	-8	SW	3	bc	2	a, c	#	50	36	-	
	Spurn Head ...	29.90	43	W	3	cw	30.09	+2.9	38	37	-6	WNW	3	cw	2	C, cw	#	48	36	-	
	York ...	29.89	46	WSW	1	C	30.09	+2.9	39	38	-5	W	1	C	#	C	#	51	38	-	
GERMANY & HOLLAND.	Loughborough ...	29.93	51	W	3	C	30.16	+2.7	31	31	-16	SE	1	cm	#	C, o, b, bc	#	56	31	-	
	Ardrossan ...	29.82	42	W	5	cp	30.05	+4.0	42	40	-3	W	3	C	2	cp	#	48	39	0.06	
	Malin Head ...	29.89	42	W	6	cpm	30.07	+3.7	42	41	-1	WNW	4	0	3	0, cpm	#	45	40	0.01	
	Behmullet ...	30.00	44	WNW	1	b	30.12	+2.9	40	39	-6	WNW	1	0	#	C, b	#	48	36	-	
	Donaghadee ...	29.89	45	WNW	4	bc	30.11	+3.6	40	39	-8	W	4	C	2	bc	#	51	38	-	
	Liverpool (Bilston)	29.96	44	W	3	C	30.14	+3.1	39	39	-7	W	1	0	2	bc, f, c	#	49	38	0.03	
	Holyhead ...	29.99	45	W	3	bc	30.15	+3.2	41	40	-4	Z	0	cm	0	f, 2, bc	#	48	40	0.02	
	Parsonstown ...	30.03	47	W	1	0	30.13	+2.7	36	35	-13	Z	0	0	#	0	0.0	49	34	-	
	Valencia ...	30.05	49	Z	0	om	30.05	+1.1	50	50	0	E	2	opm	4	f, om	#	51	46	0.08	
	Roche's Point ...	30.05	50	W	3	C	30.11	+1.8	46	46	-4	ESE	5	f	4	C	#	53	45	0.12	
FRANCE & BELGIUM.	Pembroke (St. Ann's Bd.)	30.04	46	WNW	3	f	30.15	+2.4	46	45	-1	Z	0	b	4	f	0.0	47	44	-	
	Seilly ...	30.09	50	WSW	4	f	30.14	+1.2	50	50	0	SSW	2	f	5	m, f	0.0	52	47	0.07	
	Prawle Point ...	30.09	47	SW	3	f	30.22	+1.7	46	45	-1	WSW	3	f	3	f	#	49	45	0.06	
	Jersey (St. Aubin's)	30.14	49	WSW	3	f	30.22	+0.5	47	47	-1	WSW	3	f	3	2, f	#	50	46	0.07	
	Hurst Castle ...	30.04	45	WSW	3	f	30.17	+1.2	45	44	0	SSW	2	om	2	f, 2, f	#	46	43	0.01	
	Dungeness ...	29.99	43	SW	4	f	30.15	+1.2	43	43	-1	WSW	3	f	2	0, f	#	45	41	0.01	
	North Foreland ...	30.00	49	SW	2	0	30.16	+1.3	45	44	-1	W	2	0	2	0	#	51	43	0.01	
	London (Brixton) ...	30.01	51	SW	2	0	30.17	+1.7	45	43	-3	WNW	1	om	#	0, 0, 0	0.0	51	44	0.02	
	Oxford ...	30.05	47	WSW	3	0	30.17	+2.0	43	41	-5	WNW	1	0	#	0	#	52	43	-	
	Cambridge ...	29.98	45	SW	3	b	30.17	+2.3	38	37	-10	WNW	1	C	#	0, b	0.3	52	37	-	
PENINSULA.	Yarmouth ...	29.90	48	WSW	4	C	30.11	+2.1	38	37	+3	W	3	bc	3	C	#	51	35	-	
	Cuxhaven ...	29.92	34	SSW	5	0	29.93	-.21	34	34	+6	W	1	C	#	0, r	#	36	28	0.12	
	Berlin ...	30.20	27	SSE	2	0	29.99	-.51	35	34	+24	SW	4	r	#	0	#	36	11	0.04	
	Wiesbaden ...	#	#	#	#	#	30.16	-.21	37	36	+3	S	1	0	#	#	#	37	34	0.20	
	Munich ...	30.30	23	SE	2	C	30.23	-.20	32	32	+6	SSW	4	r	#	C	#	32	21	0.04	
	The Helder ...	29.94	38	SW	3	0	30.07	+1.1	37	36	+1	WNW	2	bc	2	0	#	39	36	0.08	
	Brussels ...	#	#	#	#	#	30.16	-.02	43	43	+7	WSW	1	0	#	r	#	45	36	0.04	
	Cape Gris Nez ...	30.03	44	W	5	f	30.13	+0.9	44	43	+1	W	1	f	2	f	#	46	41	0.16	
	Paris ...	30.21	44	SSW	2	r	30.21	-.07	47	47	+9	SSW	2	f	#	r	#	47	38	0.12	
	Brest ...	30.19	49	WSW	2	f	30.21	+0.3	49	49	0	W	1	f	3	f	#	49	45	0.08	
FRANCE & BELGIUM.	Lorient ...	30.22	48	WNW	4	f	30.26	+0.2	47	#	0	WNW	4	f	5	f	#	54	47	0.08	
	Rochefort ...	30.25	50	W	2	0	30.25	-.05	48	48	+3	WSW	3	C	#	0	#	50	45	-	
	Belfort ...	30.30	35	W	1	m	30.26	-.09	36	36	+4	SW	2	r	#	m	#	36	32	0.04	
	Lyons ...	30.38	36	SE	1	0	30.34	-.08	36	36	+5	E	1	m	#	0	#	41	31	-	
	Nice ...	30.19	48	Z	0	C	30.21	-.04	40	34	0	Z	0	b	#	C	#	55	39	-	
	Perpignan ...	30.28	48	SE	1	b	30.28	-.02	50	47	0	H	1	b	#	b	#	65	43	-	
	Biarritz ...	30.28	52	ESE	3	bc	30.32	+0.3	52	50	+2	SW	2	0	2	bc	#	57	50	-	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lisbon ...	30.35	55	WNW	3	b	30.37	-.01	47	47	0	W	1	f	#	b	#	63	46	-	
	Azores (P. Delgado)	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	

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 ? hrs; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.0 hrs;

WEATHER CHARTS

FOR *Wednesday, 10th February, 1897.*

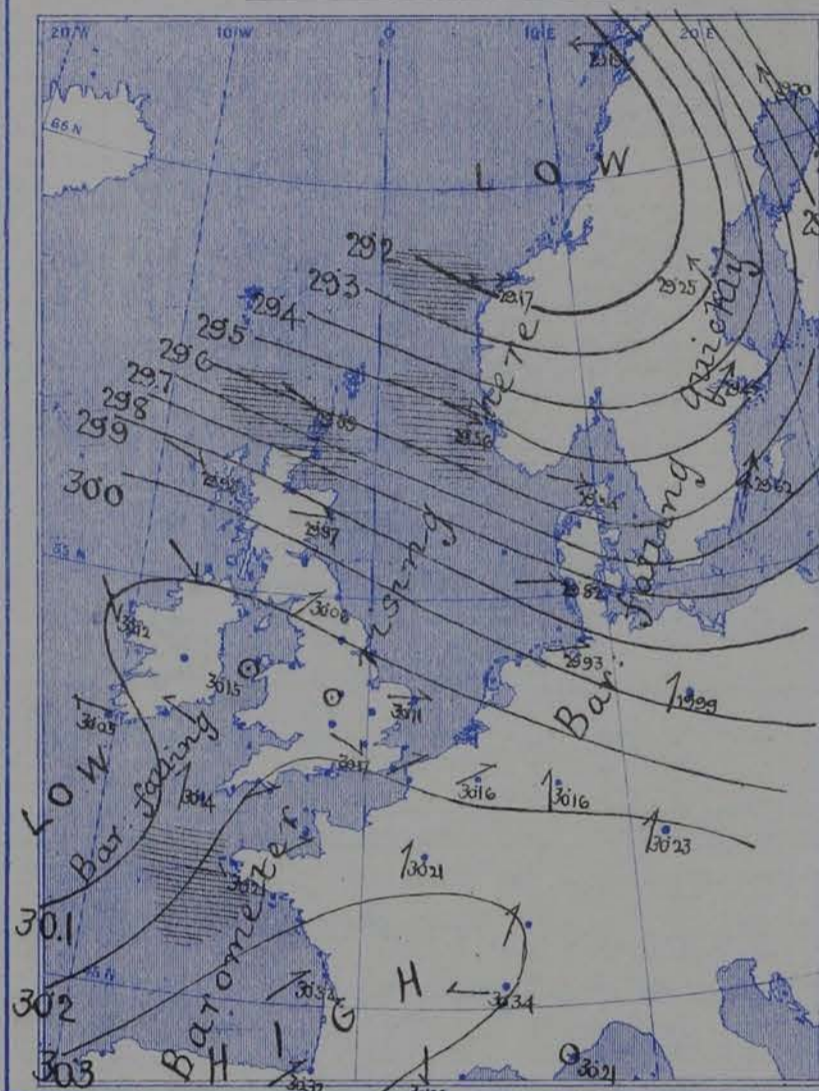
BAROMETER, WIND AND SEA.

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 ≡≡≡

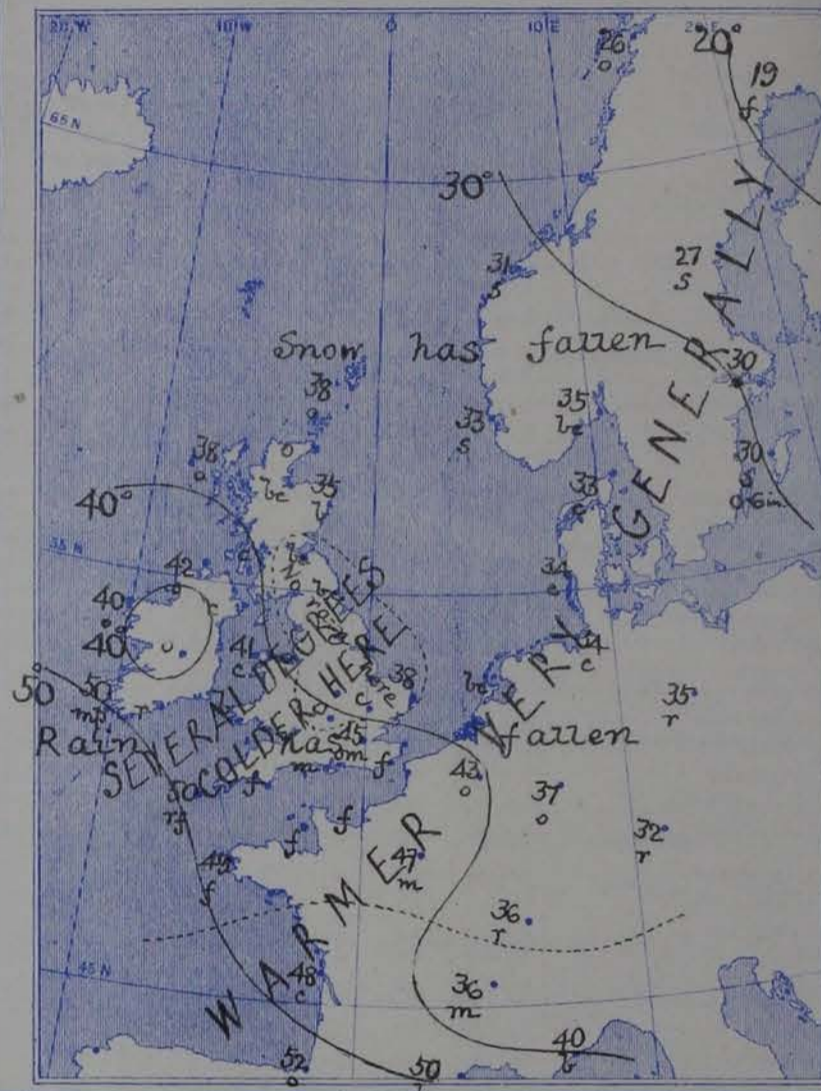


TEMPERATURE & WEATHER.

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 FEBRUARY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95. (Inches.)	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95. (Inches.)	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.			
Sumburgh Head	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and upwards over the Spanish Peninsula and the south of France.
 Lowest, 29.2 in. and less, in a large depression lying over the northern part of Scandinavia.
 Gradients moderate or slight generally, but rather steep over Sweden and the Gulf of Bothnia.
 Barometer rising in most parts of our Islands and France, as well as on the eastern shores of the North Sea, but falling again on our extreme southwest coasts.

TEMPERATURE

Highest, 52° at Biarritz, 50° at Valencia (Ireland) and 48° at Brest and 48° at Rochefort.
 Lowest, 19° at Haparanda, 16° at Bodö, 17° at Helsingfors and 30° at Stockholm, Malmö and Karlskrona; lowest in our Islands 31° at Loughborough.
 Frost occurred last night over the north of Scotland and Central England; at Loughborough the thermometer on the grass fell to 23°.

WIND

W or NW on all our more northerly and eastern coasts and also on the eastern shores of the North Sea, strong to a gale in force in the Skagerrak and on the Norwegian coasts.
 Strong from between SW. and SE. in Sweden, with a gale at Malmö.
 Light from the SW over France, Germany, and the extreme south of England; E in the south of Ireland.

WEATHER

Fair or fine at several of our northern and eastern stations, as well as in Holland, Denmark, and the south of France.
 Cloudy elsewhere, with fog over the English Channel, rain on our extreme southwest coasts, and snow at several of the Scandinavian stations.
 A little rain fell yesterday in several parts of our Islands, France and Germany, and considerable quantities of snow in Sweden.

SEA

Rough off the north of Scotland and on the Norwegian coast, and rather rough at Bally and Lorient, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The large depression over Scandinavia appears to be travelling eastwards. A small secondary system is, however, approaching our southwest coasts and rain is, therefore, probable in all our southern districts with freshening winds in the Channel.

FORECASTS

For the 24 hours ending at NOON on 11TH FEB^R 1897.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	NW ² winds, strong, to W ² , moderate; some showers at first then fair.
1	SCOTLAND EAST	W ² winds, light, fair generally.
2	ENGLAND N.E.	Wind backing to the S ² or SE ² ; fair at first, some rain later.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	Wind backing to the S ² and freshening; dull and misty at first then rainy.
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as No 1
7	ENGLAND N.W.	Same as Nos 2 and 3.
8	ENGLAND S.W.	S ² winds, freshening; dull, misty, rainy.
9	IRELAND NORTH	E ² to N ² winds, fresh; dull, rainy.
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	29.53	36	35	SSE	8	o	1	Valencia	30.00	50	50	W SW	2	f	3
Sumburgh Head	29.26	38	35	W	4	bc	4	Scilly	30.06	51	50	W SW	4	m	4
Stornoway	29.55	40	38	W NW	5	o	5	Jersey	30.13	47	47	SW	3	dm	3
Aberdeen	29.58	42	38	W SW	4	bcq	3	Hurst Castle	30.01	45	45	W SW	4	fd	3
Shields	29.75	49	46	SW	2	c	2	Dungeness	29.99	45	45	SW	4	o	3
Ardrossan	29.75	46	44	W SW	5	cp	3	North Foreland	29.99	50	49	SW	4	o	3
Malin Head	29.78	45	43	W SW	6	o	3	London (Westminster)	29.97	53	50	SW	1	om	#
Belmullet	29.94	48	45	W	4	c	*	Yarmouth	29.88	51	49	SW	4	c	3
Holyhead	29.91	47	46	SW	4	fd	3	Rochefort	30.26	50	49	S	3	o	#

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

Weather in morning very changeable in our Islands, with fog or mist on our west and southwest coasts, and with rain in several parts of Great Britain. Dull in most of the Continental countries, with rain in the Netherlands and the northeast of France, and with snow at Skudersnaes, Uleaborg, and Lening. Fine and bright over Italy and the extreme south of France. Light rain falling later in many parts of our Islands, France, and Germany, and considerable quantities of snow in Sweden.

Temperature risen briskly over England and also over Sweden and northern Russia, fallen in Germany, Austria and Italy, changed irregularly elsewhere. Morning readings highest 55° at Malta and Algiers, 54° at Langensand and La Colle, and 53° at Barcelona; touching 50° on our own extreme southwest coast. Lowest -6° F. at Riga, -3° at Neufchâteau, and -1° at Momet and Warsaw. Considerably below the freezing point in most parts of Sweden, Germany, and Russia. Rising during day to 50° and upwards at many of the English and Irish stations, and to 50° at Loughborough; exceeding 55° also in the south of France, and reaching 65° at Perpignan.

Wind light to fresh from the Wnd or SWnd over our Islands and the north of France; strong to a gale from the Snd or SEnd on the eastern shores of the North Sea; moderate from the Snd over Sweden and from the SWnd over northern Russia. E^{ly} or NE^{ly} in the south of Russia, N^{ly} in Austria and Italy, with a moderate gale at Brindisi, variable in force and also in the south of France. Subsequently veering to the SWnd on the eastern shores of the North Sea.

Barometer highest 30.6 in. and upwards over the central parts of Russia; 30.4 in. and upwards over Morocco and the extreme south of Spain. Lowest 29.3 in. and less in a large depression lying to the northwest of our Islands; 29.8 in. and less in another disturbance over Greece and Asia Minor. Northern depression subsequently travelling eastwards towards Scandinavia, 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 *Thursday, 11th February, 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.
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
	Hernösand ...	29.47	17	SSE	6	S	29.36	- 34	15	15	- 4	SSE	4	S	#	S	#	23	14	0.08	
	Stockholm ...	29.27	21	HW	2	C	29.25	- 00	10	10	- 17	Z	0	C	#	C	#	28	10	-	
	Wishy ...	29.39	26	Z	0	T	29.40	- 02	20	19	- 10	SW	2	b	#	b	#	34	20	-	
	Karlstad ...	29.45	31	W	4	S	29.54	- 08	30	28	0	NSW	6	b	#	S	#	34	21	0.24	
		29.49	21	NSW	2	b	29.47	+ 11	30	28	0	W	2	0	#	b	#	#	#	-	
	Bodö ...	29.21	24	E	4	0	29.21	+ 02	22	20	- 4	E	5	0	2	0	#	28	19	-	
	Christiansund ...	29.25	34	NSW	8	S	29.52	+ 35	34	32	+ 3	NSW	9	S	1	S	#	34	30	0.39	
	Skudesnaes ...	29.74	38	HW	7	0	29.81	+ 25	35	32	+ 2	H	6	0	4	C.O	#	39	28	-	
	Færder (Christiania Fjord)	29.56	34	NSW	5	b	29.56	+ 17	36	33	+ 1	W	4	0	4	b	#	37	32	-	
BRITISH ISLANDS.	Skagen (The Scaw)	29.68	34	HW	6	b	29.65	+ 11	34	32	+ 1	HW	6	b	2	b	#	36	32	-	
	Farö ...	29.92	34	W	6	C	29.89	+ 07	32	32	- 2	W	5	b	#	C	#	36	31	-	
	Sumburgh Head	29.82	38	HW	4	0	29.96	+ 37	35	31	- 3	H	3	0	4	C.O	#	42	32	0.01	
	Stornoway ...	30.03	37	NSW	2	0	30.08	+ 13	34	33	- 4	H	2	0	2	0	0.4	40	31	0.10	
	Wick ...	29.97	35	HW	2	0	30.03	+ 20	33	33	- 3	HW	2	0	1	ops	#	38	30	0.05	
	Nairn ...	30.03	37	W	2	C	30.07	+ 12	35	34	0	W	1	0	1	C	#	40	31	-	
	Aberdeen ...	30.03	36	W	2	b	30.10	+ 13	34	32	- 1	W	2	C	2	bc, sp	4.2	42	31	0.01	
	Leith ...	30.07	40	NSW	2	0	30.11	+ 08	32	31	- 5	NSW	1	of	#	0	#	44	30	-	
	Shields ...	30.08	42	W	2	0	30.10	+ 04	37	35	- 1	W	2	bc	2	C.O	#	45	36	-	
	Spurn Head ...	30.10	39	W	3	om	30.09	- 00	35	35	- 3	NSW	2	bmw	3	om	#	41	34	-	
GERMANY & HOLLAND.	York ...	30.10	43	W	1	0	30.10	+ 01	32	32	- 7	W	1	b	#	C.B	1.0	45	32	-	
	Loughborough ...	30.14	40	Z	0	0	30.10	- 06	38	37	+ 7	ESE	1	ogm	#	C.Ompd	#	48	31	0.01	
	Ardrossan ...	30.08	41	Z	0	C	30.13	+ 08	33	32	- 9	Z	0	bf	0	bc, c	#	46	29	-	
	Malin Head ...	30.09	41	SE	1	0	30.09	+ 02	39	37	- 3	SE	3	bc	2	C.O	#	43	36	-	
	Belmullet ...	30.05	45	E	2	0	30.02	- 10	42	41	+ 2	E	4	0	#	0	#	47	36	-	
	Donaghadee ...	30.11	42	W	3	0	30.10	- 01	41	40	+ 1	ESE	4	C	2	0	#	42	35	-	
	Liverpool (Bilston)	30.12	42	NSW	1	0	30.09	- 05	38	36	- 1	E	1	of r	#	bc, o	#	45	37	0.05	
	Holyhead ...	30.11	42	Z	0	bc	30.06	- 09	39	38	- 2	NE	2	m	1	bc, bc	#	46	38	-	
	Parsonstown ...	30.04	47	SE	1	0	30.01	- 12	42	42	+ 6	NE	1	a	#	C.Od	0.6	48	34	0.04	
	Valencia ...	30.00	52	Z	0	0	29.98	- 07	51	50	+ 1	SSE	1	fz	3	0	0.0	54	49	0.40	
FRANCE & BELGIUM.	Roche's Point ...	30.04	47	ESE	4	T	30.02	- 09	45	45	- 1	ESE	4	f	4	f	#	48	44	0.55	
	Pembroke (St. Ann's Hd.)	30.06	46	S	3	#	30.01	- 14	45	45	- 1	E	2	f	3	orf	0.0	46	45	0.37	
	Scilly ...	30.09	50	SSW	3	m	30.02	- 12	50	50	0	NSW	4	f	4	r, m	0.0	52	48	0.48	
	Prawle Point ...	30.14	48	W	2	f	30.04	- 18	47	47	+ 1	SW	3	fz	3	fz	#	48	45	0.58	
	Jersey (St. Aubin's)	30.18	50	NSW	3	f	30.12	- 10	48	48	+ 1	SW	4	fz	3	fz	#	50	46	0.26	
	Hurst Castle ...	30.12	45	SSW	1	f	30.06	- 11	45	44	0	SW	2	dm	1	fz	#	47	43	0.20	
	Dungeness ...	30.14	43	SSW	1	0	30.04	- 11	43	42	0	Z	0	f	0	m, f	#	46	42	0.15	
	North Foreland	30.20	43	SE	1	0	30.09	- 07	40	40	- 5	E	3	f	3	bc, o	#	47	39	0.16	
	London (Brixton) ...	30.14	48	S	1	0	30.07	- 10	42	42	- 3	E	1	odm	#	0.0mr	0.0	48	42	0.18	
	Oxford ...	30.12	46	SE	1	T	30.06	- 11	43	42	0	NE	1	f	#	C.T	#	50	42	0.10	
PENIN- SULA.	Cambridge ...	30.15	42	HW	1	0	30.10	- 07	40	40	+ 2	E	1	ogm	#	bc, o	5.8	49	37	0.01	
	Yarmouth ...	30.11	43	NSW	3	bc	30.09	- 02	39	37	+ 1	NSW	3	cf	3	bc	#	44	36	0.02	
	Cuxhaven ...	30.03	34	HW	1	b	29.98	+ 05	32	32	- 2	W	1	C	#	b	#	37	30	-	
	Berlin ...	30.07	34	W	4	0	30.01	+ 02	33	33	- 2	NSW	3	0	#	0	#	37	32	0.04	
	Wiesbaden ...	#	#	#	#	#	30.11	- 05	38	37	+ 1	Z	0	0	#	#	#	41	36	-	
	Munich ...	30.19	37	SW	2	T	30.12	- 11	39	39	+ 7	SW	4	0	#	T	#	39	32	0.16	
	The Helder ...	30.11	37	NSW	1	b	30.08	+ 01	36	36	- 1	NSW	1	0	1	b	#	39	36	-	
	Brussels ...	#	#	#	#	#	30.11	- 05	40	40	- 3	NE	1	f	#	0	#	45	39	0.04	
	Cape Gris Nez ...	30.12	43	W	1	f	30.03	- 10	43	43	- 1	SW	1	f	1	f	#	48	41	0.16	
	Paris ...	30.21	50	W	2	0	30.13	- 08	48	48	+ 1	SW	2	f	#	0	#	53	47	0.20	
FRANCE & BELGIUM.	Brest ...	30.21	49	SSW	1	f	30.13	- 08	48	48	- 1	SSW	3	f	4	f	#	50	45	0.12	
	Lorient ...	30.24	48	NSW	4	f	30.17	- 09	50	47	+ 3	NSW	3	f	5	f	#	54	46	0.16	
	Rochefort ...	30.32	52	W	3	0	30.23	- 02	50	50	+ 2	W	3	0	#	0	#	54	48	-	
	Belfort ...	30.22	42	W	2	f	30.14	- 12	44	44	+ 8	SSW	2	f	#	0	#	44	36	0.35	
	Lyons ...	30.31	45	E	1	f	30.24	- 10	44	44	+ 8	NSW	1	0	#	0	#	49	36	-	
	Nice ...	30.18	46	SE	1	b	30.17	- 04	42	41	+ 2	Z	0	bc	2	0	#	54	39	-	
	Perpignan ...	30.24	55	HW	2	C	30.25	- 03	52	46	+ 2	H	1	0	#	0	#	63	48	-	
	Biarritz ...	30.27	52	H	3	bc	30.27	- 05	48	46	- 4	Z	0	b	2	bc	#	59	46	-	
	Corunna ...	30.32	56	W	3	0	30.32	- 02	46	45	- 4	SW	2	bc	3	0	#	57	43	-	
	Lisbon ...	30.37	48	HW	4	C	30.38	+ 01	46	44	- 1	NSW	2	0	#	C	#	54	45	-	
PENIN- SULA.	Azores (P. Delgada)	30.17	60	SW	4	b	30.23	+ 21	59	58	- 1	SSW	4	bc	4	b	#	63	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 ? hrs; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.0 hrs;

WEATHER CHARTS

FOR Thursday, 11th February, 1897.

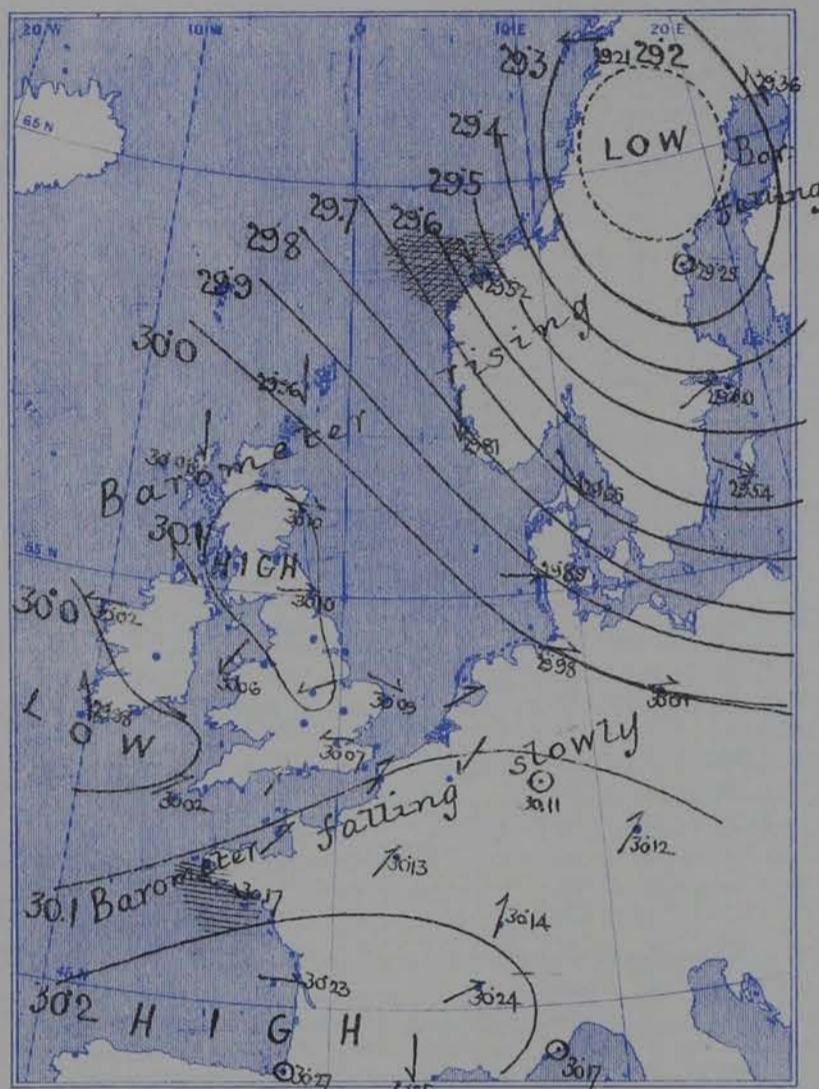
BAROMETER, WIND AND SEA.

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 ≡≡≡

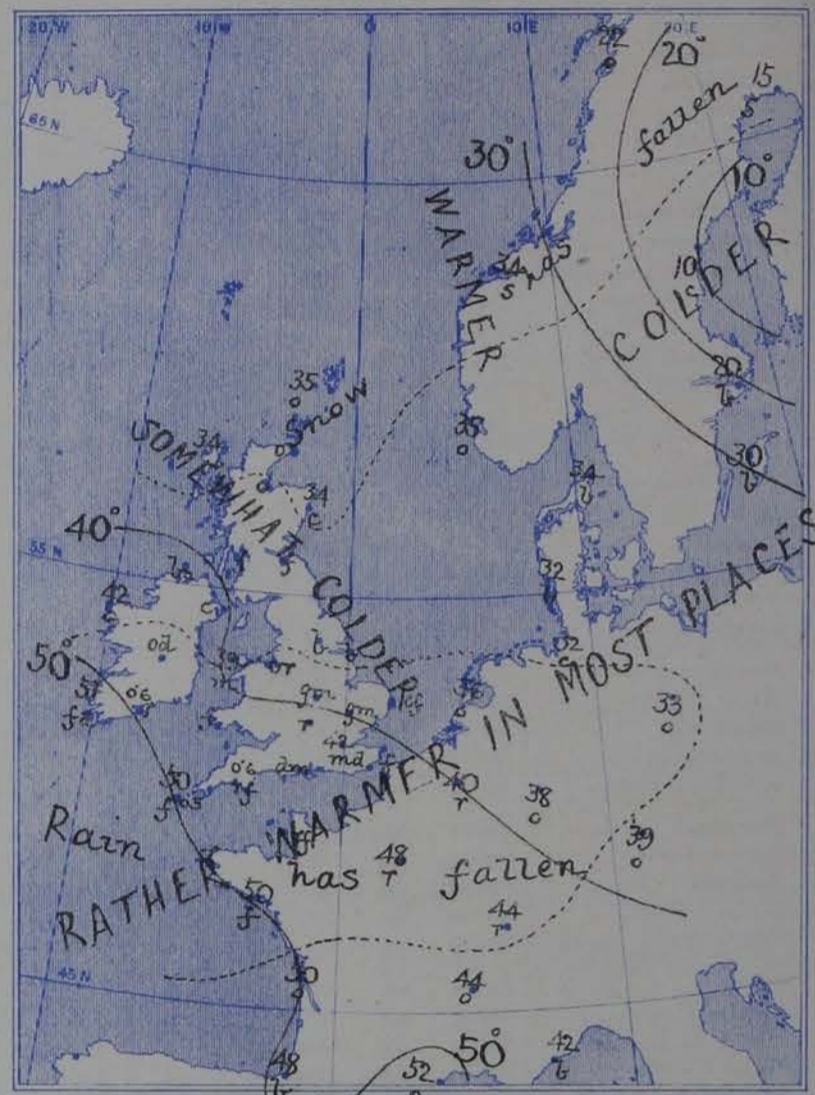


TEMPERATURE & WEATHER.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	51	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Behmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Seilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.0	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE	<p>Highest, 30.2 in. and upwards, in an anticyclone lying over the Spanish Peninsula and the southern parts of France.</p> <p>Lowest, 29.2 in. and less, in a depression lying over the north of Scandinavia; 30.0 in. and less, in a very shallow system lying off our extreme southwest coasts.</p> <p>Gradients slight generally, but moderate over Denmark and the southern part of Scandinavia.</p> <p>Barometer rising in the north of our Islands and also at most of the Scandinavian stations, steady in the south of England, falling a little elsewhere.</p>
TEMPERATURE	<p>Highest, 52° at Perpignan, 51° at Valencia (Ireland), 50° at Selly, Lorient, and Rochefort, and 48° at Jersey, Brest, and Biarritz.</p> <p>Lowest, 10° at Helsingfors, 15° at Haparanda, 20° at Stockholm and 22° at Riga; lowest in our Islands 32° at Leth and York.</p> <p>During yesterday the thermometer rose to 45° and upwards at most of the English and Irish stations, and to 50° and upwards on our extreme southwest coasts.</p>
WIND	<p>Slight to moderate from the SW^{ly} over the English Channel and the greater part of France, but E^{ly} in Ireland, Wales, and the more central parts of England.</p> <p>Light from the Wnd or NWnd on our north and east coasts, and strong from the same quarters on the eastern shores of the North Sea with a gale at Chatham.</p> <p>Calm or variable in the extreme south of France.</p>
WEATHER	<p>Fine at several of our northern and eastern stations, as well as in Denmark and the south of Sweden.</p> <p>Dull in nearly all other parts of our area, with fog on our southwest, south and southeast coasts, and with rain at many of our southern stations, as well as in Belgium and the northern parts of France.</p> <p>Since yesterday morning, rain has fallen over all the more southern and also over the extreme northern part of our Islands, the largest amounts being 0.6 in. at Rockport and 0.5 in. at Selly. Light hail was seen at Bournemouth and Holyhead.</p>
SEA	<p>Moderate to smooth generally, but high at Chatham and rather rough at Lorient.</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 12th FEB: 1897.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	NW ^{ly} winds, light; fair generally.
1	SCOTLAND EAST	W ^{ly} to Variable breezes; fine at first, dull later, probably some rain.
2	ENGLAND N.E.	
3	ENGLAND EAST	Variable breezes, finally SW ^{ly} ; dull, misty, rain at times.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	E ^{ly} winds, light; dull, misty, some rain.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW ^{ly} winds, moderate; dull, foggy, some rain.
9	IRELAND NORTH	E ^{ly} and SE ^{ly} winds, light; dull, misty, some rain.
10	IRELAND SOUTH	
WARNINGS		None issued.

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

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

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 ...	29.58	39	38	WNW	10	C	6	Valencia ...	30.01	54	52	SSE	2	C	4
Sumburgh Head ...	29.77	39	36	WNW	4	C	6	Scilly ...	30.14	51	50	SSW	3	r	4
Stornoway ...	30.02	38	36	WNW	3	O	4	Jersey ...	30.21	49	49	SW	2	f	2
Aberdeen ...	30.02	38	33	W	3	bc	2	Hurst Castle ...	30.17	46	46	Z	0	f	1
Shields ...	30.07	44	40	WSW	3	C	2	Dungeness ...	30.15	46	46	SSW	1	m	1
Ardrossan ...	30.06	44	42	W	2	bc	2	North Foreland ...	30.19	46	44	W	1	bc	0
Malin Head ...	30.09	43	41	W	2	C	2	London (Westminster) ...	30.17	50	45	NW	1	ogm	#
Belmullet ...	30.08	47	45	E	2	O	*	Yarmouth ...	30.11	44	40	NW	3	bc	3
Holyhead ...	30.13	45	44	SSW	1	bcf	1	Rocheport ...	30.27	52	52	WSW	3	O	#

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

Weather in morning fair or fine at several of our own northern and eastern stations, as well as over Holland, Denmark, and nearly the whole of southern Europe. Dull elsewhere, with much fog over the English Channel, and the northern parts of the Bay of Biscay, rain on our extreme southwest coasts, as well as at Berlin, Munich, and Brest, and snow at several of the Scandinavian and Baltic stations. Rain falling later in nearly all parts of England, Ireland and France, rather heavily on our southwest coasts.

Temperatures fallen in our Islands and also over Austria and Italy, but risen in most other countries. Morning readings highest 56° at Algiers, 54° at Malta, and 53° at Barcelona, touching 50° on our own extreme southwest coasts. Lowest -2° at Moscow, +4° at St. Petersburg, 7° at Kiev, and 10° at Cracow; considerably below the freezing point in most parts of Russia, Austria, and Eastern Germany, and slightly below it in some parts of Central England. Rising during day to 45° and upwards at most of the English and Irish stations, and to 50° and upwards on our southwest coasts, exceeding 55° in the south of France, and reaching 63° at Perpignan.

Wind light from the SW³ over the south of England, and the west and north of France; E³ in the south of Ireland. W² or NW¹ over the northern and eastern parts of our Islands and also on the eastern shores of the North Sea; strong to a gale in the Shetlands and on the Norwegian coast. Moderate from the SW² in Germany, strong to a gale from the SW² over Ireland, Sweden and the Baltic. Calm in Austria. N¹ at most of the Spanish and Italian stations. Subsequently shifting to the E² in the north of Ireland, no important change occurring elsewhere.

Barometer highest 30.5 in: and upwards in an anticyclone over Central Russia; 30.4 in: and upwards in another system over Central Spain. Lowest 29.2 in: and less, in a large depression over the northern parts of Scandinavia; 29.9 in: and less, in a shallow disturbance over France; 30.1 in: and less, in a still shallower system lying to the southward of our Islands. Last mentioned system spreading slowly eastwards during day and barometer falling over Ireland and England.

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, 12th February, 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.		
SCANDINAVIA.																					
Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.		
Hernösand ...	29.39	7	ESE	2	c	29.36	-0.03	10	10	-5	E	2	S	#	c	#	18	5	0.08		
Stockholm ...	29.43	12	Z	0	b	29.31	+0.06	28	25	+18	W	4	bc	#	c	#	28	7	-		
Wisby ...	29.46	27	W	2	b	29.54	+0.14	22	21	+2	W	2	c	#	b	#	34	16	-		
Karlstad ...	29.51	32	W	4	b	29.60	+0.06	30	28	0	W	4	c	#	b	#	34	27	-		
	29.53	33	W	6	b	29.69	+0.22	25	22	-5	W	4	b	#	b	#	#	#	-		
Bodo ...	29.17	22	E	6	S	29.23	+0.02	28	26	+6	N	4	c	1	S	#	28	19	-		
Christiansund ...	29.75	35	W	4	S	29.67	+0.15	30	29	-4	W	4	S	7	S	#	37	28	0.24		
Skudenes ...	29.92	35	W	6	c	30.01	+0.20	34	32	-1	W	6	c	3	c	#	36	30	#		
Færder (Christiania Fjord)	29.65	35	W	3	bc	29.77	+0.21	33	29	-3	W	3	0	2	bc	#	37	32	-		
Skagen (The Scaw)	29.73	33	W	5	b	29.83	+0.18	33	31	-1	W	5	b	1	b	#	36	32	-		
Fanø ...	29.95	32	W	5	c	29.99	+0.10	32	31	0	W	4	c	#	c	#	36	30	-		
Sumburgh Head	30.06	33	W	3	0	30.05	+0.09	39	35	+4	W	3	0	4	0	#	39	31	-		
Stornoway ...	30.17	36	W	1	0	30.14	+0.06	32	31	-2	W	2	0	2	c.0	3.6	43	28	0.04		
Wick ...	30.08	35	W	4	0	30.13	+0.10	27	27	-6	W	2	bc	1	0	#	38	25	-		
Nairn ...	30.17	30	Z	0	b	30.17	+0.10	26	26	-9	SW	1	b	1	b	#	42	24	-		
Aberdeen ...	30.17	35	W	2	c	30.20	+0.10	34	31	0	W	1	c	1	b.c	1.2	39	33	-		
Leith ...	30.14	36	SSE	1	b	30.20	+0.09	28	28	-4	N	1	cm	#	b	#	42	26	-		
Shields ...	30.14	39	W	2	bm	30.21	+0.11	33	32	-4	SW	2	f	2	b.m	#	41	30	-		
Spurn Head ...	30.14	38	W	2	c	30.19	+0.10	35	34	0	W	1	cm	3	c	#	43	31	-		
York ...	30.11	41	E	1	c	30.21	+0.11	33	32	+1	E	1	c	#	c	#	5.5	46	31		
Loughborough ...	30.13	41	ESE	1	0	30.21	+0.11	35	34	-3	E	1	om	#	gm.2om	#	41	34	-		
Ardrossan ...	30.13	36	N	1	bf	30.17	+0.04	32	30	-1	W	2	bf	1	bf	#	42	29	-		
Malin Head ...	30.11	40	ESE	4	b	30.10	+0.01	37	36	-2	SE	4	m	2	b	#	44	33	-		
Belmullet ...	30.05	45	ESE	2	0	30.05	+0.03	43	42	+1	ESE	1	0	#	co	#	47	38	-		
Donaghadee ...	30.12	41	E	4	b	30.15	+0.05	39	38	-2	ESE	5	c	3	b	#	45	38	-		
Liverpool (Bidston)	30.11	41	ESE	1	0	30.16	+0.07	38	35	0	ESE	4	0	?	cf	#	44	37	-		
Holyhead ...	30.06	42	NE	2	bcf	30.12	+0.06	42	41	+3	Z	0	f	0	c. bcf	#	44	38	-		
Parsonstown ...	30.04	44	Z	0	r	30.07	+0.06	43	43	+1	Z	0	0	#	0.2	0.0	45	44	0.02		
Valencia ...	30.01	50	SSE	2	om	30.06	+0.08	49	48	-2	SSE	1	om	3	omp.m	#	52	48	0.41		
Roche's Point ...	30.04	45	ESE	4	r	30.08	+0.06	45	45	0	SE	2	f	4	r.f	#	46	44	0.25		
Pembroke (St. Ann's Hd.)	30.03	44	E	3	f	30.08	+0.07	45	44	0	SSE	4	r.f	4	r.f	0.0	47	44	0.10		
Seilly ...	30.05	49	W	3	f	30.05	+0.03	50	49	0	W	1	f	3	f	0.0	52	48	0.14		
Prawle Point ...	30.05	48	W	2	f	30.11	+0.07	43	43	-4	E	4	r.f	3	r.f	#	49	42	0.20		
Jersey (St. Aubin's)	30.09	50	W	4	r.f	30.13	+0.01	47	47	-1	W	3	f	3	r.f	#	50	46	0.19		
Hurst Castle ...	30.04	44	E	2	rm	30.15	+0.09	41	40	-4	E	3	om	2	fa.m	#	49	40	0.30		
Dungeness ...	30.05	41	NE	2	0	30.16	+0.12	40	39	-3	E	3	c	2	0	#	43	39	-		
North Foreland	30.11	40	E	3	0	30.20	+0.11	38	37	-2	E	4	bc	3	0	#	41	37	0.03		
London (Brixton) ...	30.12	40	E	1	0	30.19	+0.12	38	36	-4	E	2	0	#	02.0	0.0	42	38	0.03		
Oxford ...	30.12	41	E	2	0	30.21	+0.15	38	36	-5	E	2	0	#	07	#	44	38	0.02		
Cambridge ...	30.13	41	E	1	0	30.23	+0.13	30	30	-10	E	1	b	#	0	0.0	42	28	-		
Yarmouth ...	30.10	39	NE	3	b	30.19	+0.10	35	33	-4	NE	2	bc	3	bc.b	#	43	30	-		
GERMANY & HOLLAND.																					
Cuxhaven ...	29.99	34	W	1	0	30.05	+0.07	32	31	0	W	2	bc	#	0	#	37	30	-		
Berlin ...	29.95	35	W	4	0	29.96	-0.05	32	31	-1	W	4	bc	#	0	#	37	30	0.04		
Wiesbaden ...	#	#	#	#	#	30.19	+0.08	31	30	-7	W	1	b	#	#	#	39	30	0.20		
Munich ...	30.03	37	Z	0	r	30.12	-0.00	31	31	-8	SW	1	S	#	#	#	43	30	0.51		
The Helder ...	30.11	35	W	1	b	30.19	+0.11	33	32	-3	N	1	bc	1	b	#	39	33	-		
Brussels ...	#	#	#	#	#	30.22	+0.11	31	31	-9	W	1	b	#	0	#	42	30	0.08		
Cape Gris Nez ...	30.08	43	E	2	f	30.13	+0.10	36	36	-7	E	3	c	3	f	#	46	34	0.12		
Paris ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Brest ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Lorient ...	30.15	49	W	3	f	30.13	-0.04	50	46	0	W	2	m	4	f	#	54	46	0.01		
Rocheport ...	30.26	51	W	3	0	30.15	-0.08	50	50	0	W	3	0	#	0	#	54	48	-		
Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Lyons ...	30.22	48	E	1	0	30.16	-0.08	45	45	+1	N	1	f	#	0	#	53	44	0.04		
Nice ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Perpignan ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Biarritz ...	30.22	51	E	3	0	30.18	-0.09	50	48	+2	W	2	0	2	0	#	57	46	-		
FRANCE & BELGIUM.																					
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Lisbon ...	30.38	51	W	3	0	30.33	-0.05	54	53	+8	W	3	bc	#	0	#	55	46	-		
Azores (P. Delgada)	30.16	60	SW	4	c	30.29	+0.06	60	59	+1	SW	4	bc	3	c	#	64	59	-		
PENINSULA.																					

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 0.7 hrs; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.0 hrs;

WEATHER CHARTS

FOR Friday, 12th February, 1897.

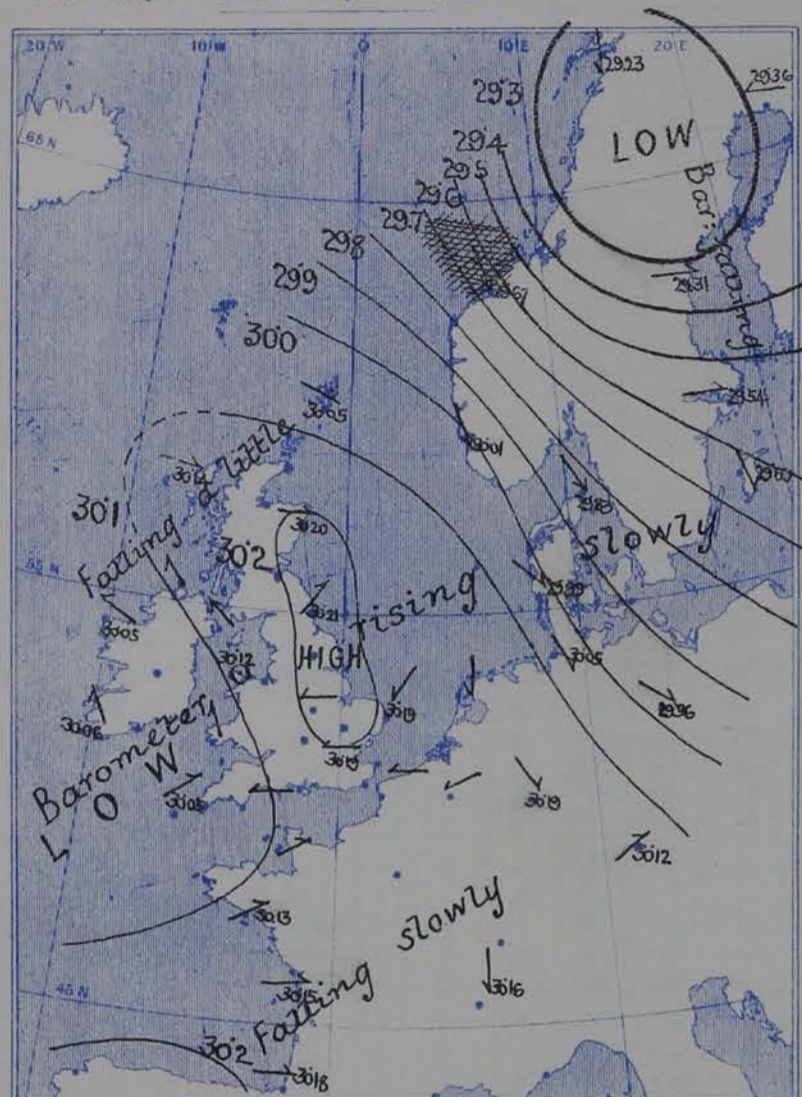
BAROMETER, WIND AND SEA.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	23
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Sparn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1889, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.6	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Narmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and upwards in the south of Portugal; 30.1 in. and upwards in an anticyclone covering the whole of the Spanish Peninsula, France, the Netherlands and Great Britain.
 Lowest, 29.3 in. and less, in a large depression lying over the north of Scandinavia.
 Gradients slight generally, but moderate over Norway, Denmark, and the south of Sweden.
 Barometer falling a little in the extreme north and north-west of our Islands, as well as in the north of Scandinavia and extreme rising elsewhere.

TEMPERATURE

Highest, 54° at Linton, 50° at Bally Linn, Ralegh, and Clonitz, 49° at Valencia (Ireland) and 47° at Jersey.
 Lowest, 10° at Haparanda, 22° at Stockholm, and 25° at Karlsbad; lowest in our Islands 26° at Kinn, 27° at Wick, and 30° at Cambridge.
 Frost occurred last night over the northern and eastern parts of Great Britain, the lowest temperatures reported being 24° at Kinn and 25° at Wick.

WIND

Light to moderate from the End or NEnd over the greater part of England, but from the SEnd in Wales and Ireland.
 Light from the Wnd or NWnd in the north of Scotland; moderate to strong from the NWnd over the greater part of Scandinavia, Denmark, and North Germany, with a gale at Christiania.
 W in the west of France and also at Linton.

WEATHER

Fine over the eastern parts of Great Britain, as well as in the Netherlands, Denmark, and the south of Scandinavia.
 Dull elsewhere, with rain and fog on our southern coast, and with snow at Munich, as well as at Haparanda and Christiania.
 Rain fell yesterday over the southern parts of our Islands generally, and also at many of the French and German stations. Lunar halos were seen at Hornsby and Holyhead.

SEA

Moderate to smooth generally, but high at Christiania.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The large anticyclone noticed above seems to be still increasing in size, and fair, dry, weather is likely to continue for a time over the greater part of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on

13th FEB^{ry}

1897.

DISTRICTS.

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

FORECASTS.

Wnd and NWnd winds, moderate; dull, rain locally.
 } Variable or Wnd airs; fair generally, but local fogs, frost at night.
 } End and NEnd winds, light; fair generally, but local fogs, frost at night.



DISTRICTS.

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

FORECASTS.

Same as Nos 3 to 5.
 } End and SEnd winds, moderate, dull at first, with some rain and fog, improving later and becoming colder.
 } SEnd winds, light or moderate; fair generally, colder.
 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 ...	29.89	35	32	NW	7	c	4	Valencia ...	29.99	52	57	SSE	2	opm	4
Sumburgh Head	30.03	34	31	NW	3	0	4	Scilly ...	30.05	51	51	WSW	3	f	4
Stornoway ...	30.13	39	37	H	2	c	2	Jersey ...	30.09	49	49	SW	4	f	3
Aberdeen ...	30.13	38	35	NW	2	0	2	Hurst Castle ...	30.04	49	48	Z	0	f	1
Shields ...	30.12	40	37	NNE	2	0	2	Dungeness ...	30.05	43	42	NNE	2	0	1
Ardrossan ...	30.11	41	40	Z	0	0	0	North Foreland	30.10	40	39	E	3	0	2
Malin Head ...	30.10	44	41	ESE	3	0	2	London (Westminster)	30.08	43	42	ESE	1	odg	#
Belmullet ...	30.04	46	45	ESE	3	c	*	Yarmouth ...	30.07	42	40	H	3	bc	3
Holyhead ...	30.06	44	42	NE	3	c	2	Rochefort ...	30.28	52	52	SW	3	0	#

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

Weather in morning fine at several of our northern and eastern stations, as well as over Denmark, the south of Sweden, and the greater part of southern Europe. Dull elsewhere, with rain and fog on our south and southwest coasts, and also in the north of France; rain falling also at Birmm and Belfast, and snow in Lapland and at Christianund and Moscow. Rain falling later over the southern parts of our Islands generally, and at many of the French and German stations; lunar halo seen at Porruway and Holyhead.

Temperature fallen in all but the southern parts of our Islands and also in Sweden, risen briefly over Austria, Poland, and the Balkan Provinces, changed irregularly elsewhere. Morning readings highest 58° at Algiers, 50° at Tangier, and 54° at Cagliari; touching 50° on our own extreme southwest coasts, Lowest -6° F. at Archangel, -4° at Moscow, and +10° at Christianund. Considerably below the freezing point over Sweden and Russia generally, and just touching it at Leth and York. Daily maxima below 45° in all the more northern and eastern part of our Islands; thermometer exceeding 50° in the extreme southwest, and also in the west and south of France.

Wind light to moderate from the SW. over the English Channel and the greater part of France, but E. over Ireland, Wales, and the central parts of England. Light from the NW. in the north of Scotland, and strong from the same quarter on the eastern shore of the North Sea with a gale at Christianund; W. in Germany, S. over Finland, and SE. in Lapland. Light from the N. at most of the Spanish and Italian stations, variable in the south of France. Subsequently shifting to the E. over the eastern part of the English Channel, no important change occurring elsewhere.

Barometer highest 30.3 in. and upwards in an anticyclone lying over the Spanish Peninsula; 30.2 in. and upwards in another system over northern and central Russia; 30.1 in. and upwards in a small area over the northern and central parts of Great Britain. Lowest 29.2 in. and less, in a well marked depression over Scandinavia; 30.0 in. and less, in a very shallow system off our own extreme southwest coasts. Anticyclone over Great Britain increasing later, depression in southwest filling up.

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, 13th February, 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.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.					Force (0 to 12.)	Max.		Min.	
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
	Hernösand ...	29.50	7	ESE	2	S	29.57	+2.1	-13	-13	-23	H	2	b	#	S	#	40	-13	0.04	
	Stockholm ...	29.50	19	H	4	S	29.61	+3.0	5	5	-23	H	4	b	#	S	#	32	5	0.08	
	Wisby ...	29.57	23	H	2	b	29.57	+0.3	22	20	0	H	4	c	#	b	#	34	19	-	
	Karlstad ...	29.64	31	HW	4	b	29.69	+0.9	28	26	-2	HW	4	bc	#	b	#	32	25	-	
		29.74	25	HW	2	b	29.69	0.0	22	20	-3	W	2	f	#	b	#	#	#	-	
	Bodö ...	29.45	18	E	4	b	29.51	+2.8	12	9	-16	E	4	b	1	b	#	28	10	-	
	Christiansund ...	29.41	33	HW	3	S	29.39	-2.8	36	34	+6	WSW	9	r	6	S	#	36	27	0.20	
	Skudesnaes ...	29.93	36	Z	0	0	29.65	-3.6	37	35	+3	HW	?	0	?	C.O	#	?	?	#	
	Færder (Christiania Fjord)	29.80	33	HW	1	bc	29.70	-0.7	33	31	0	WSW	2	0	2	bc	#	36	32	-	
BRITISH ISLANDS.	Skagen (The Scaw)	29.86	34	Z	0	b	29.77	-0.6	34	32	+1	HW	4	0	0	b	#	36	28	-	
	Fanö ...	29.98	34	HW	6	c	29.97	-0.2	33	32	+1	HW	4	0	#	C	#	34	32	-	
	Sumburgh Head	29.99	38	HW	2	r	29.68	-3.7	42	41	+3	W	3	0	5	C.Y	#	42	35	0.05	
	Stornoway ...	30.03	39	SW	2	0	29.81	-3.3	42	41	+10	Z	0	0	0	0	2.0	42	29	-	
	Wick ...	30.01	28	HW	1	b	29.77	-3.6	38	38	+11	HW	1	0	1	b	#	40	24	-	
	Nairn ...	30.05	28	Z	0	b	29.83	-3.4	37	36	+11	Z	0	0	1	b	#	38	22	0.04	
	Aberdeen ...	30.08	35	SSW	1	bm	29.86	-3.4	32	30	-2	WSW	2	ogm	2	b	6.0	40	25	-	
	Leith ...	30.08	34	S	1	m	29.89	-3.1	36	35	+8	Z	0	of	#	m	#	41	27	-	
	Shields ...	30.11	36	SSW	3	bcm	29.92	-2.9	38	37	+5	SSW	2	of	2	f.bcm.f	#	42	32	-	
	Spurn Head ...	30.17	36	SSE	3	b	29.98	-2.1	38	37	+3	SSW	3	om	3	b	#	42	34	0.01	
GERMANY & HOLLAND.	York ...	30.14	39	SSE	1	0	29.97	-2.4	38	38	+5	SSE	1	r	#	bc.0	2.3	42	32	0.01	
	Loughborough ...	30.18	39	SE	1	0	30.02	-1.9	40	39	+5	S	1	0	#	om.og	#	40	35	-	
	Ardrossan ...	30.07	41	Z	0	of	29.88	-2.9	42	41	+10	S	1	of	1	bf.of	#	43	30	0.04	
	Malin Head ...	30.00	42	S	4	ogm	29.85	-2.5	45	45	+8	WSW	4	?	2	omg.r	#	45	35	0.22	
	Belmullet ...	30.01	46	SSW	1	bm	29.96	-0.9	47	47	+4	WSW	2	?	#	om	#	48	40	0.10	
	Donaghadee ...	30.07	42	SSE	5	or	29.90	-2.5	45	45	+6	SE	3	m	1	or	#	45	38	0.14	
	Liverpool (Bidston)	30.12	39	SE	3	0	29.97	-1.9	42	41	+4	SE	1	tf	?	om	#	42	32	0.03	
	Holyhead ...	30.10	44	S	1	f	29.97	-1.5	45	45	+3	SW	3	f2	2	f2.f	#	45	41	0.12	
	Parsonstown ...	30.05	47	S	1	0	29.98	-0.9	48	47	+5	W	1	0	#	om	0.0	49	42	0.03	
	Valencia ...	30.06	50	SSE	2	om	30.03	-0.3	49	49	0	WSW	1	rm	3	rm.om	0.0	51	48	0.15	
FRANCE & BELGIUM.	Roche's Point ...	30.10	46	SE	2	f	30.06	-0.2	47	46	+2	SW	1	c	4	f	#	48	45	0.02	
	Pembroke (St. Ann's Hd.)	30.10	43	S	5	f	30.02	-0.6	45	45	0	WSW	3	f	4	f	0.0	47	42	0.38	
	Scilly ...	30.09	50	HW	1	f	30.09	+0.4	49	49	-1	W	3	f	3	f	0.0	52	46	0.04	
	Prawle Point ...	30.13	43	NE	3	f	30.11	0.0	44	44	+1	WSW	3	f	3	f	#	44	42	0.03	
	Jersey (St. Aubin's)	30.14	48	SE	1	f	30.14	+0.1	46	46	-1	WSW	2	f	2	f	#	50	45	0.04	
	Hurst Castle ...	30.15	41	ESE	2	om	30.10	-0.5	43	42	+2	S	2	f	1	om	#	43	40	-	
	Dungeness ...	30.15	39	ESE	3	0	30.09	-0.7	40	38	0	SSE	2	c	1	b.0	#	42	38	-	
	North Foreland	30.22	37	E	2	b	30.12	-0.8	38	37	0	SE	2	0	2	b	#	41	36	-	
	London (Brixton) ...	30.20	39	SE	2	0	30.09	-1.0	40	38	+2	SSW	1	0	#	om.0	0.0	42	37	-	
	Oxford ...	30.17	40	SSE	2	0	30.07	-1.4	41	40	+3	S	2	op	#	0	#	41	38	0.01	
PENINSULA.	Cambridge ...	30.20	39	SE	1	0	30.06	-1.7	38	38	+8	SSW	2	amg	#	b	7.5	47	29	-	
	Yarmouth ...	30.18	36	E	3	bc	30.05	-1.4	37	35	+2	S	3	bc	3	bcv	#	38	33	-	
	Cuxhaven ...	30.09	34	W	3	c	30.05	0.0	33	32	+1	W	2	0	#	c.shp	#	36	32	-	
	Berlin ...	30.01	34	W	4	0	30.02	+0.6	33	32	+1	HW	4	0	#	0	#	37	32	0.04	
	Wiesbaden ...	#	#	#	#	#	30.19	0.0	30	29	-1	H	1	0	#	#	#	39	28	-	
	Munich ...	30.17	29	Z	0	0	30.17	+0.5	32	32	+1	SE	1	f	#	0	#	34	28	-	
	The Helder ...	30.19	35	HW	1	bc	30.10	-0.9	33	32	0	SSW	1	bc	1	bc	#	37	33	-	
	Brussels ...	#	#	#	#	#	30.17	-0.5	31	30	0	S	1	0	#	b	#	40	28	-	
	Cape Gris Nez ...	30.13	38	E	3	bc	30.11	-0.2	37	35	+1	SSW	2	c	2	bc	#	45	34	-	
	Paris ...	30.16	45	NE	2	r	30.15	+0.6	44	43	-2	SE	1	m	#	r	#	48	44	-	
FRANCE & BELGIUM.	Brest ...	30.12	50	Z	0	f	30.16	+0.6	48	48	-1	HW	1	m	3	f	#	52	46	0.04	
	Lorient ...	30.15	48	WSW	2	f	30.15	+0.2	49	46	-1	HW	3	f	4	f	#	54	46	0.04	
	Rochefort ...	30.21	52	W	3	0	30.22	+0.7	51	51	+1	SSW	2	0	#	0	#	54	48	-	
	Belfort ...	30.16	37	E	1	m	30.13	+0.5	37	37	-7	Z	0	f	#	m	#	45	35	0.08	
	Lyons ...	30.15	48	NE	1	f	30.16	0.0	48	47	+3	HW	1	0	#	f	#	53	45	-	
	Nice ...	30.04	46	Z	0	0	30.08	+0.4	42	40	-4	E	1	b	1	b	#	54	41	-	
	Perpignan ...	30.11	55	r	2	0	30.16	+0.3	52	48	+4	W	2	0	#	0	#	67	48	-	
	Biarritz ...	30.19	52	Z	0	0	30.19	+0.1	52	52	+2	HW	3	m	2	0	#	55	48	0.20	
	Corunna ...	#	#	#	#	#	30.17	-0.5	31	30	0	S	1	0	#	b	#	40	28	-	
	Lisbon ...	30.36	55	HW	2	0	30.36	+0.3	52	51	-2	H	3	b	#	0	#	59	50	-	
Azores (P. Delgada)	30.33	60	SW	2	bc	30.30	+0.1	60	59	0	S	4	0	3	bc	#	63	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; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.6 hrs;

WEATHER CHARTS

FOR *Saturday, 13th February, 1897.*

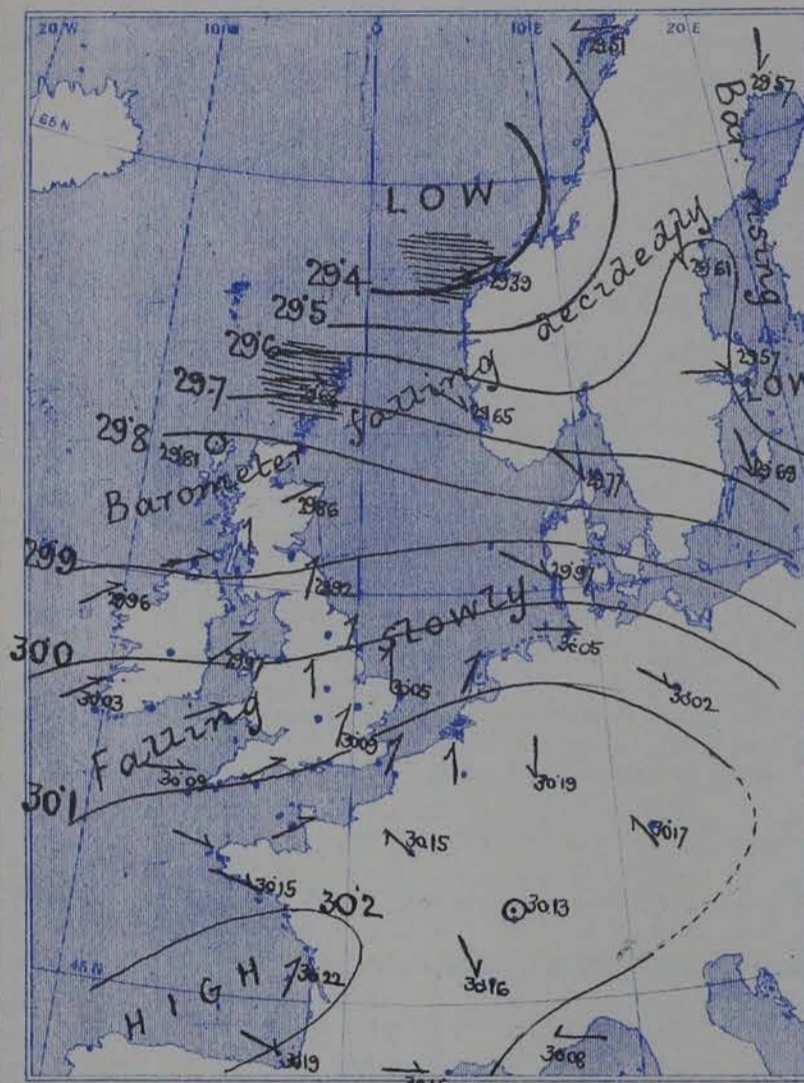
BAROMETER, WIND AND SEA.

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

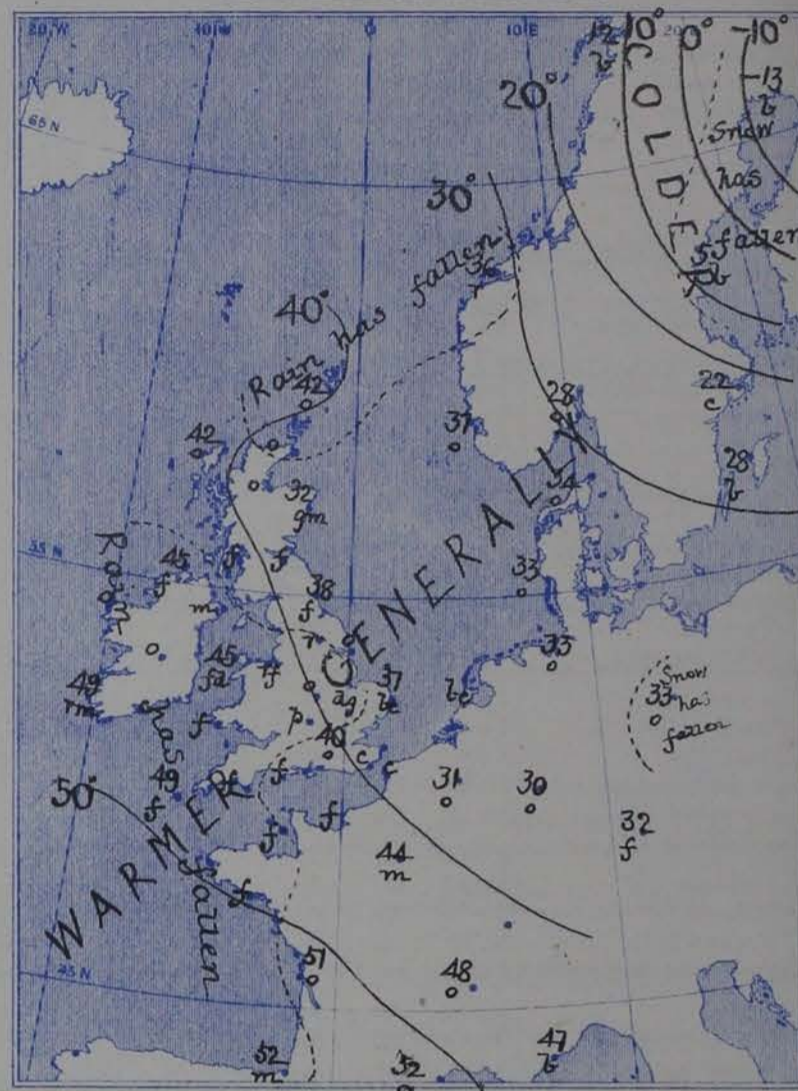


TEMPERATURE & WEATHER.

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 FEBRUARY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL Means, 1866—95.	BRIGHT SUNSHINE.	
		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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	4.20	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	—	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0*	124
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

+ Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and upwards in Portugal, 30.2 in. and upwards in an anticyclone extending from the Spanish Peninsula over the southern part of the Bay of Biscay.

Lowest, 29.4 in. and less, in a depression lying off the west of Norway.

Gradients slight. Barometer falling at all but the French and Swedish stations, - most in the north of our Islands.

TEMPERATURE

Highest, 52° at Biarritz, 51° at Rochefort, 49° at Valencia (Ireland), Scilly, and Lorient, and 48° at Bournemouth and Lyons.

Lowest, -13° F. at Haparanda, +5° at Helsingfors, 12° at Rode and 21° at Stockholm; lowest in our Islands 32° at Aberdeen.

The maximums registered yesterday were below 45° at most of our northern, eastern, and southeastern stations; on our southern coasts, however, the thermometer rose to between 47° and 52°.

WIND

Light to moderate from the W. or SW. over Western Europe as a whole, but blowing a gale at Christiansund.

Moderate from the N. in Sweden and also (apparently) over the southern part of France.

WEATHER

Dull generally, with fog on many parts of our own coasts and also on the northern coasts of France. Rain is falling in the north of England, as well as at Valencia (Ireland) and Christiansund.

Fine in Sweden and the north of Norway.

Rain fell yesterday in the east of our Islands, and very slight amounts in several other parts of our area. Snow was experienced on the northern part of Scandinavia.

SEA

Moderate to smooth generally, but rough at Christiansund and rather rough at Lumburgh W.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which has arrived off the Norwegian coasts is likely to be followed by other disturbances, the tracks of which will probably lie rather further to the southward. Freshening westerly winds are therefore probable on our own northern coasts, with unsettled and milder weather in most parts of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 14TH FEB: 1897.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	W ² winds, freshening; dull, unsettled, some rain. Milder.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as N:5
3	ENGLAND EAST	
4	M:DLAND COUNTIES	
5	ENGLAND SOUTH	S ² to SW ² winds, moderate; dull, unsettled, some rain. Milder.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	SW ² to W ² winds, moderate; dull, misty or foggy, some rain. Milder.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW ² and W ² winds, moderate; dull, foggy, some rain.
9	IRELAND NORTH	SW ² and W ² winds, freshening; dull, misty, some rain.
10	IRELAND SOUTH	

WARNINGS

NONE ISSUED.

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

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 ...	29.93	37	37	nmw	6	c	3	Valencia ...	30.06	50	50	SSe	2	rm	4
Sumburgh Head ...	30.02	40	38	nmw	2	c	4	Scilly ...	30.09	51	50	nmw	1	f	3
Stornoway ...	30.09	40	37	2	0	0	1	Jersey ...	30.13	49	49	nmw	3	f	3
Aberdeen ...	30.12	40	35	St	2	b	1	Hurst Castle ...	30.16	43	41	E	2	om	2
Shields ...	30.16	41	37	SSW	3	b	2	Dungeness ...	30.15	42	40	ESE	3	b	2
Ardrossan ...	30.11	43	42	2	0	bf	0	North Foreland ...	30.20	40	37	E	3	b	2
Main Head ...	30.04	43	42	S	3	0	2	London (Westminster) ...	30.19	43	39	SE	1	ogm	#
Belmullet ...	30.03	47	47	ESE	1	om	*	Yarmouth ...	30.19	38	35	E	1	bv	3
Holyhead ...	30.12	45	44	S	1	f d	0	Rochefort ...	30.14	52	52	Sw	3	0	#

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

Weather in morning fine over the eastern part of Great Britain, as well as over the Netherlands, Denmark, the Baltic, the south of Sweden and isolated parts of Spain and Italy; dull elsewhere, with rain and fog on our own southwest coast, and with snow over Finland and the north of Scandinavia, as well as at Moscow, Lemberg and Munich. Rain falling later in the western part of our Islands generally, and very trifling amounts in several other parts of Northern Europe.

Temperature fallen in most of the western and central countries, but risen in the south and also over Sweden and Central Russia. Morning readings highest 61° at Algiers, 55° at Malta, and 54° at Lisbon and Cagliari; touching 50° in the west of France and at Scilly. Lowest -7° F. at Uleaborg, +6° at Archangel and Helsingfors and 4° at Krasnodar and Kharkov; slightly below the freezing point in Germany and Belgium, as well as at several of our own northern and eastern stations. Daily maxima below 45° in the north and east of our Islands generally, but thermometer exceeding 50° on our extreme southwest coast; reaching 59° at Lisbon and 67° at Perpignan.

Winds light to moderate from the E^W or NE^W over the greater part of England, but from the SE^W in Ireland. Light from the NW^W in the north of Scotland, and moderate to strong from the same quarter over the greater part of northern Europe, with a gale at Christianund; SE over the northern and central part of Russia. Light from the W^W over the Spanish Peninsula and the Bay of Biscay, as well as at many of the Italian stations, but variable in the south of France. Subsequently shifting to the SW^W or S^W in Scotland, and to the SE^W over England.

Barometer highest 30.3 in. and upwards over the southern part of the Spanish Peninsula; 30.1 in. and upwards, in an anticyclone embracing a considerable portion of western and southern Europe. Lowest 29.3 in. and less, in a large depression over the north of Scandinavia and also in a smaller system over the Gulf of Finland. Barometer falling later in our Islands, most in the north. Depression over Scandinavia moving eastwards.

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 14th February, 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.		Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.					Dirac.	Force (0 to 12.)	Max.	Min.
SCANDINAVIA.		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.	
Haparanda ...	24.61	-11	2	0	b	24.77	+ .20	-17	-18	- 4	N	2	b	#	b	#	7	?	-		
Hernösand ...	24.56	5	N	4	0	24.75	+ .14	-7	-7	- 12	N	0	b	#	0	#	21	?	-		
Stockholm ...	24.30	25	E	4	s	24.48	- .09	12	11	- 10	N	6	s	#	5	#	28	19	0.32		
Wisby ...	24.34	32	WSW	4	s	24.25	- .14	24	23	- 4	N	6	s	#	5	#	32	23	0.28		
Karlstad ...	24.25	35	S	2	0	24.64	- .05	11	10	- 11	NNE	4	b	#	0.5	#	#	#	0.04		
Bodo ...	24.54	15	ENE	6	b	24.80	+ .29	13	10	+ 1	ENE	5	b	#	2	#	16	9	-		
Christiansund ...	24.39	35	NW	2	c	24.62	+ .13	28	26	- 8	ENE	6	s	#	5	#	27	27	0.24		
Skudesnaes ...	24.49	40	WNW	4	0	24.67	+ .02	31	30	- 6	N	6	b	#	2	#	29	30	-		
Færder (Christiania Fjord)	24.31	38	WSW	4	0	24.60	- .10	22	21	- 11	NE	5	0	#	3	#	32	21	-		
Skagen (The Scaw)	24.44	35	W	4	0	24.51	- .26	28	28	- 6	E	4	0	#	1	#	37	28	-		
Fanø ...	24.67	34	W	5	m	24.60	- .37	34	34	+ 1	WNW	5	c	#	0	#	36	33	0.08		
Sumburgh Head	24.62	42	NW	3	r	24.87	+ .19	33	31	- 9	N	2	0	#	3	#	45	30	0.04		
Stornoway ...	24.77	43	2	0	f	24.82	+ .03	41	41	- 1	E	2	0	#	2	#	45	38	0.16		
Wick ...	24.70	40	NW	2	0	24.88	+ .11	37	36	- 1	E	2	0	#	2	#	42	36	-		
Nairn ...	24.76	42	W	1	od	24.88	+ .05	39	39	+ 2	E	1	od	#	1	#	44	37	0.07		
Aberdeen ...	24.77	37	W	1	ogm	24.91	+ .05	37	36	+ 5	N	2	og	#	2	#	41	32	0.02		
Leith ...	24.77	43	W	2	0	24.87	- .02	45	44	+ 9	WSW	1	rm	#	0	#	46	35	0.05		
Shields ...	24.80	41	SW	2	0	24.87	- .05	45	45	+ 7	SW	2	om	#	2	#	47	36	0.08		
Spurn Head ...	24.84	42	SW	3	om	24.89	- .09	42	42	+ 4	WNW	3	om	#	3	#	44	38	0.03		
York ...	24.83	46	WSW	1	c	24.91	- .06	45	44	+ 7	W	1	0	#	#	#	47	37	0.09		
Loughborough ...	24.91	49	SW	2	0	24.94	- .08	46	45	+ 6	WNW	3	c	#	cm,om	#	51	40	-		
BRITISH ISLANDS.																					
Ardrossan ...	24.81	46	2	0	of	24.88	.00	45	45	+ 3	2	0	ov	#	0	#	46	41	0.03		
Malin Head ...	24.83	45	WSW	5	f	24.91	+ .06	45	45	0	WNW	5	f	#	3	#	46	44	0.05		
Belmullet ...	24.95	48	WSW	2	om	30.09	+ .13	46	43	- 1	WSW	2	0	#	0	#	49	43	0.06		
Donaghadee ...	24.87	49	W	3	c	24.94	+ .04	47	46	+ 2	W	4	c	#	2	#	51	44	0.04		
Liverpool (Bidston)	24.90	46	WSW	3	r	24.95	- .02	43	43	+ 1	WSW	4	0	#	3	#	48	42	0.08		
Holyhead ...	24.92	47	SW	3	om	30.02	+ .05	45	44	0	W	3	dm	#	2	#	49	44	0.02		
Parsonstown ...	24.93	49	W	1	r	30.08	+ .10	41	40	- 7	2	0	b	#	0	#	51	40	0.03		
Valencia ...	30.06	49	WNW	3	c	30.15	+ .12	46	43	- 3	NW	1	0	#	3	#	51	45	0.01		
Roche's Point ...	30.01	50	NW	4	c	30.14	+ .08	46	44	- 1	NW	3	c	#	3	#	52	44	-		
Pembroke (St. Ann's Hd.)	24.97	45	W	4	f	30.07	+ .05	43	42	- 2	NW	4	b	#	4	#	46	44	0.02		
Scilly ...	30.05	50	SW	4	m	30.13	+ .04	48	46	- 1	WNW	4	cp	#	3	#	51	45	0.01		
Prawle Point ...	30.05	46	W	3	f	30.07	- .04	48	47	+ 4	NW	5	c	#	4	#	49	42	0.11		
Jersey (St. Aubin's)	30.09	48	W	3	f	30.09	- .05	48	47	+ 2	W	4	cm	#	3	#	50	45	0.07		
Hurst Castle ...	30.00	44	WSW	1	om	30.00	- .10	44	44	+ 1	W	2	0	#	2	#	45	43	0.03		
Dungeness ...	24.95	43	SW	3	f	24.95	- .14	43	43	+ 3	WSW	3	0	#	3	#	44	39	0.05		
North Foreland	24.96	46	SW	2	0	24.95	- .17	47	45	+ 9	W	4	0	#	3	#	47	37	0.05		
London (Brixton) ...	24.96	48	W	2	0	24.98	- .11	47	45	+ 7	WNW	2	c	#	0.07,c	#	49	40	0.07		
Oxford ...	24.95	47	WSW	5	0	24.99	- .08	44	44	+ 3	W	1	c	#	0	#	49	40	0.02		
Cambridge ...	24.93	47	SW	2	0	24.96	- .10	46	45	+ 8	WSW	2	0	#	0	#	49	37	0.01		
Yarmouth ...	24.87	44	WSW	3	cm	24.89	- .16	45	44	+ 8	W	3	cf	#	3	#	45	35	0.01		
GERMANY & HOLLAND.																					
Cuxhaven ...	24.86	32	SW	4	0	24.67	- .38	35	35	+ 2	W	3	f	#	as,r	#	36	32	0.08		
Berlin ...	24.93	33	W	3	0	24.69	- .33	37	36	- 4	W	4	r	#	#	#	37	30	0.04		
Wiesbaden ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Munich ...	30.09	33	E	1	0	24.98	- .19	41	40	+ 9	W	5	c	#	0	#	41	32	0.04		
The Helder ...	24.88	36	SW	3	r	24.82	- .28	38	38	+ 5	W	1	f	#	1	#	37	33	0.04		
FRANCE & BELGIUM.																					
Brussels ...	#	#	#	#	#	24.95	- .22	44	44	+ 13	W	2	r	#	r	#	44	30	0.20		
Cape Gris Nez ...	24.99	40	SW	3	f	24.95	- .16	43	43	+ 6	W	2	f	#	2	#	43	37	0.20		
Paris ...	30.06	50	SW	2	0	30.05	- .10	48	46	+ 4	W	2	0	#	#	#	50	44	0.04		
Brest ...	30.15	49	W	2	f	30.16	.00	48	45	0	NW	3	b	#	3	#	50	43	-		
Lorient ...	30.17	48	WNW	3	f	?	?	45	42	- 4	NW	4	b	#	4	#	54	45	-		
Rochefort ...	30.16	50	WNW	3	f	30.18	- .04	49	49	- 2	W	3	0	#	f	#	54	48	0.08		
Belfort ...	30.10	43	SSW	1	r	30.03	- .10	44	44	+ 7	SW	4	r	#	r	#	46	37	0.32		
Lyons ...	30.17	48	NW	2	r	30.19	+ .03	46	45	- 3	SW	1	0	#	r	#	55	45	0.04		
Nice ...	30.09	49	S	2	0	30.09	+ .01	45	44	+ 3	2	0	c	#	1	#	57	42	-		
Perpignan ...	30.18	56	NW	3	b	30.17	+ .01	54	49	+ 2	NW	3	c	#	b	#	60	50	-		
Biarritz ...	30.23	52	W	3	0	30.26	+ .07	52	50	0	W	4	0	#	2	#	55	50	0.16		
PENIN- SULA.																					
Corunna ...	30.36	54	WNW	3	0	30.36	.00	48	46	- 3	SW	2	b	#	2	#	55	45	-		
Lisbon ...	30.33	52	NNW	5	b	30.32	- .04	50	48	- 2	NNE	3	0	#	b	#	59	48	-		
Azores (P. Delgada)	30.38	56	2	0	b	30.28	- .02	58	57	- 2	OSE	4	c	#	3	#	60	55	-		

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; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings ? hrs;

WEATHER CHARTS

FOR SUNDAY, 14th FEBRUARY, 1897.

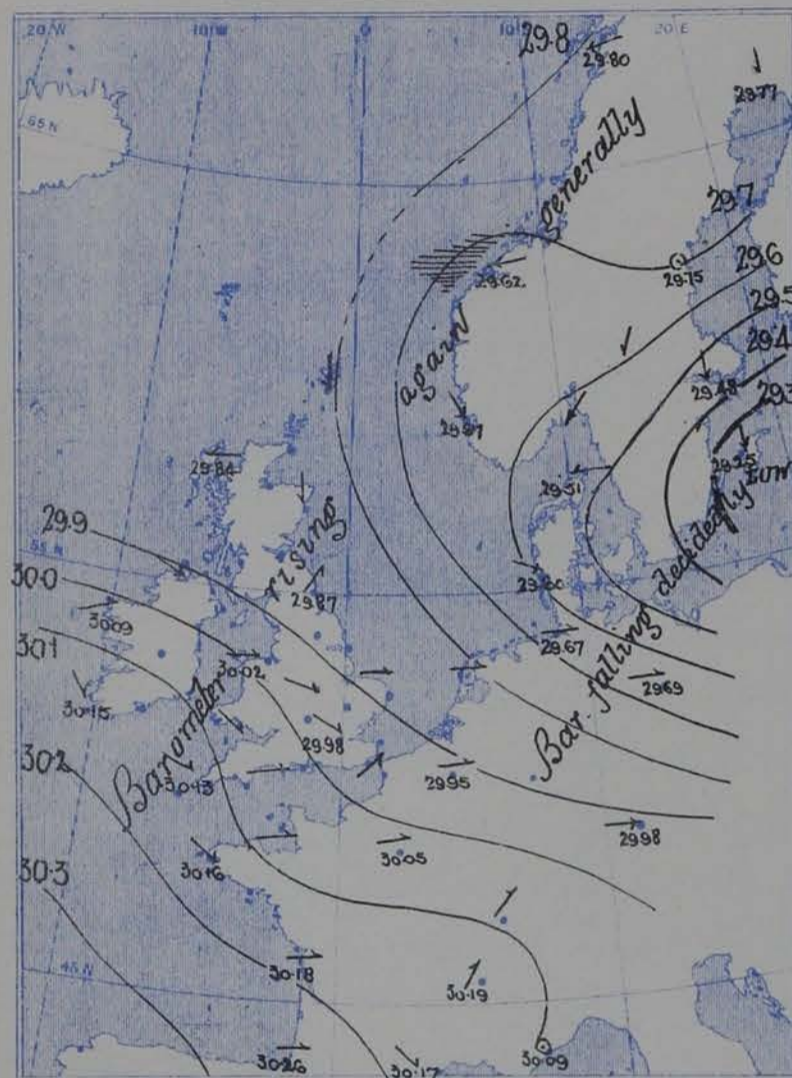
BAROMETER, WIND AND SEA.

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 ≡≡≡

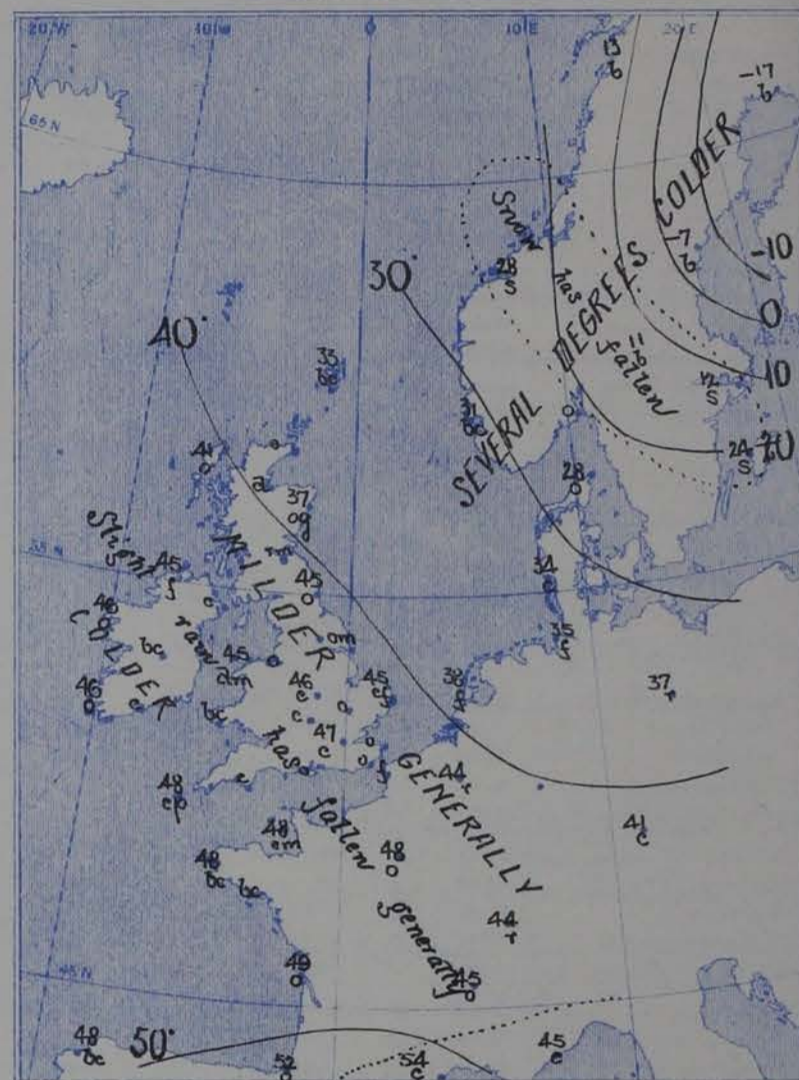


TEMPERATURE & WEATHER.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.89	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.0	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.0	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and upwards in an anticyclone lying over the Spanish Peninsula.
 Lowest, 29.3 in. and less, in a well marked depression over the Baltic.
 Gradients slight generally, but moderate over the Baltic and the south of Sweden.
 Barometer rising at all but the German stations.

TEMPERATURE

Highest, 54° at Perpignan, 52° at Biarritz, 50° at Lisbon, 49° at Rochefort, and 48° at Seilly, Chaudes P. Jersey, Brest, Paris, and Commena.
 Lowest, -17° F. at Hafavanda, -7° at Helsingfors, +11° at Karlsbad, 12° at Stockholm, and 13° at Bodö.
 During yesterday the thermometer rose to between 45° and 50° at most of the English and Irish stations, and to 51° at Lissabon and Roch. P.

WIND

Light to moderate from the Wnd or NWnd over the greater part of Ireland, England, France, Germany, and the Netherlands.
 Light from between E. and N. in the north of Scotland, and fresh or strong from the same quarters at the Scandinavian stations.

WEATHER

Cloudy or dull over Western Europe as a whole, with fog or mist in many places, rain at some of the Scotch stations, as well as at Dublin, Brussels and Belfast, and snow in the south of Sweden and at Christiansund.
 Fine in the northern parts of Scandinavia as a whole and also in the northwest of France.
 Rain fell yesterday in nearly all parts of Western Europe, but the quantity was mostly slight.

SEA

Slight or smooth generally, but rather rough at Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 15th FEB: 1897.

DISTRICTS.

FORECASTS.

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

None issued

DISTRICTS.

FORECASTS.

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

WARNINGS

None issued.

None issued.

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

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 ...	29.67	38	38	W	2	o	3	Valencia ...	30.02	50	50	WSW	4	m	4
Sumburgh Head ...	29.63	43	43	W	3	r	5	Scilly ...	30.09	49	49	W	4	m	3
Stornoway ...	29.78	39	39	2	0	o	0	Jersey ...	30.12	50	50	W	3	f	3
Aberdeen ...	29.78	39	37	W	1	ogm	2	Hurst Castle ...	30.04	45	44	SW	2	r f	2
Shields ...	29.84	45	44	SW	2	o	2	Dungeness ...	30.00	43	42	SSW	2	a	1
Ardrossan ...	29.82	45	45	2	0	o f	0	North Foreland ...	30.03	46	44	SSW	2	o	2
Malin Head ...	29.85	45	45	WSW	4	f	2	London (Westminster) ...	29.99	48	46	SSW	2	or	#
Belmullet ...	29.93	49	49	WSW	3	om	*	Yarmouth ...	29.93	41	40	SW	3	cm	3
Holyhead ...	29.93	49	48	W	3	ogm	2	Rochefort ...	30.24	52	52	SW	3	f	*

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

Weather in morning dull over our Islands and the Continent with fog or mist in many places, rain falling in the north of England, as well as at Valencia (Ireland), Christiansund and Rome, and snow at Kuopio, Breckau and Lemburg. Fine in Sweden and the north of Norway as well as over the Spanish Peninsula and the extreme south of France. Light rain falling during day in nearly all parts of our Islands, France, and Germany, and snow in the south of Sweden.

Temperature risen in our Islands and also in Italy and the south of France, fallen or changed irregularly elsewhere. Morning readings highest 56° at Barcelona and Algiers, 55° at Malta, and 54° at Cagliari, above 50° on the Spanish and southern French coasts, and very little below it in the extreme southwest of our Islands. Lowest -13° F. at Haparanda, +5° at Helsingfors and Kuopio, 6° at Moscow, and 13° at Hango and Helsingfors; below the freezing point in most parts of northern and central Europe, and just touching it Aberdeen. Raining during day to 50° and upwards at several of our own western stations and also at Loughborough; exceeding 55° over the Spanish Peninsula and the south of France and reaching 60° at Perpignan.

Wind W or SW over western and central Europe generally; light in force in most places, but blowing a strong gale at Christiansund. NW or N over Sweden, the western parts of Russia and at the Austrian stations. Variable over northern Italy and the extreme south of France; SW over southern Italy, N or NW over the western parts of the Spanish Peninsula. No important change occurring over Western Europe during day.

Barometer highest 30.3 ins. and upwards over the western parts of the Spanish Peninsula; 30.1 ins. and upwards in an anticyclone covering the central and southern parts of Europe generally. Lowest 29.4 ins. and less, in two depressions, - one lying off the coast of northern Norway and the other over Iceland. Norwegian depression subsequently travelling southwards to the south of Sweden; small secondary disturbances passing over our Islands 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.

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 *Monday, 15th February,* 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.		Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Dir.	Force (0 to 12.)		Max.	Min.
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
	Hernösand ...	29.95	0	H	2	b	30.09	+32	4	3	+21	H	2	b	#	b	#	4	-22		
	Stockholm ...	30.10	-1	Z	0	b	30.22	+47	-9	-10	-2	Z	0	b	#	b	#	9	-9		
	Wisby ...	30.02	10	HW	6	0	30.31	+83	6	5	-6	HW	2	b	#	b	#	25	6		
	Karlstad ...	29.93	18	HW	8	0	30.27	+102	19	18	-5	H	6	S	#	0	#	24	44		
		30.11	5	H	2	b	30.37	+073	-6	-7	-17	H	1	b	#	b	#	#	#		
	Bodö ...	30.04	16	E	2	b	30.12	+32	18	15	+5	E	2	c	1	b	#	?	10		
	Christiansund ...	30.11	28	Z	0	b	30.24	+62	33	31	+5	E	3	0	3	b	#	34	25		
	Skudesnaes ...	30.04	30	Z	0	b	30.31	+64	29	28	-2	E	2	b	1	b	#	36	28		
	Færder (Christiania Fjord)	30.11	20	HE	1	b	30.34	+74	23	22	+1	W	1	0	1	b	#	?	18		
	Skagen (The Scaw)	30.15	19	HW	1	b	30.38	+87	23	22	-5	Z	0	c	0	b	#	28	12		
	Fanö ...	30.14	25	HE	2	b	30.35	+75	21	21	-13	E	2	b	#	b	#	39	21		
	Sumburgh Head	30.04	34	HE	1	0	30.25	+38	34	32	+1	Z	0	c	2	0	#	35	30		
	Sternoway ...	29.99	43	Z	0	fm	30.19	+35	42	42	+1	SW	3	0	3	m2, fm	0.0	43	36		
	Wick ...	29.96	36	E	1	0	30.16	+28	38	38	+1	E	1	0	0	0	#	40	36		
Nairn ...	30.03	37	Z	0	f	30.23	+35	36	36	-3	Z	0	0	1	f	#	39	34			
Aberdeen ...	30.09	35	HE	1	ogd	30.28	+37	37	37	0	SSW	1	ogm	2	ogd	0.0	39	35			
BRITISH ISLANDS.	Leith ...	30.00	38	HE	3	f	30.27	+45	38	38	-7	HW	1	f	#	f	#	45	36		
	Shields ...	30.04	40	ETE	1	d	30.30	+43	41	41	-4	HW	2	om	2	d	#	46	39		
	Spurn Head ...	30.04	42	HE	3	f	30.30	+41	38	38	-4	ESE	4	0	4	of, t	#	43	38		
	York ...	30.03	48	W	1	0	30.31	+40	41	41	-4	E	1	m	#	0	#	49	40		
	Loughborough ...	30.08	46	HW	2	0	30.29	+35	43	42	-3	W	2	0	#	0	#	49	43		
	Ardrossan ...	30.03	45	W	3	opd	30.29	+41	49	48	+4	Z	0	b, fw	0	pd	#	49	37		
	Malin Head ...	30.09	44	HW	4	c	30.28	+37	45	44	0	SW	4	og	2	f, o, c	#	45	42		
	Belmullet ...	30.16	47	WSW	1	0	30.31	+22	46	45	0	SSW	2	c	#	0	#	49	43		
	Donaghadee ...	30.09	47	W	5	c	30.33	+39	42	42	-5	HW	4	b	2	c	#	51	34		
	Liverpool (Bidston)	30.09	43	WSW	4	0	30.33	+38	42	41	-1	WSW	1	0	2	f, t	#	45	41		
	Holyhead ...	30.11	46	HW	4	ogpd	30.33	+31	44	43	-1	HW	2	0	1	ogpd	#	47	43		
	Parsonstown ...	30.17	46	Z	0	0	30.36	+28	41	39	0	Z	0	c	#	0	0.0	48	40		
	Valencia ...	30.21	48	SSW	1	og	30.35	+20	43	41	-3	HW	1	b	3	og	0.0	50	41		
	Roche's Point ...	30.21	48	HW	3	c	30.38	+24	39	37	-7	H	2	b	3	c	#	49	37		
	Pembroke (St. Ann's Hd.)	30.16	45	HW	4	b	30.34	+27	44	42	+1	H	2	0	3	b	#	57	46		
GERMANY & HOLLAND.	Scilly ...	30.19	48	HW	3	0	30.33	+20	47	43	-1	HW	1	c	3	c, o	1.0	50	42		
	Prawle Point ...	30.19	45	HW	3	c	30.33	+26	45	40	-3	H	2	c	1	c	#	51	38		
	Jersey (St. Aubin's)	30.19	51	HW	3	b	30.33	+24	45	44	-3	HW	2	0	2	b	#	51	44		
	Hurst Castle ...	30.13	48	HW	3	om	30.30	+30	43	42	-1	HW	1	om	2	c, m	#	53	42		
	Dungeness ...	30.05	48	HW	2	c	30.24	+29	44	44	+1	HW	2	om	1	c, o	#	52	44		
	North Foreland	30.07	49	W	3	0	30.28	+33	39	39	-8	E	2	0	2	0	#	50	39		
	London (Brixton) ...	30.09	50	HW	2	c	30.28	+30	46	45	-1	HW	1	ogm	#	c, o	0.5	52	45		
	Oxford ...	30.14	47	HW	3	0	30.31	+32	44	43	0	HW	1	0	#	c, o	#	52	44		
	Cambridge ...	30.08	47	HW	1	0	30.29	+33	45	45	-1	HW	1	f, d	#	c, o	1.5	53	43		
	Yarmouth ...	29.99	45	HW	3	o, d, m	30.28	+39	37	37	-7	E	3	ev	3	o, d, m	#	47	35		
	Cuxhaven ...	29.99	32	HW	2	b	30.29	+62	26	25	-9	E	2	b	#	b	#	36	23		
	Berlin ...	29.89	33	HW	5	0	30.33	+64	26	23	-11	HE	4	b	#	0	#	39	23		
	Wiesbaden ...	#	#	#	#	#	30.20	#	38	36	#	H	2	0	#	#	#	50	37		
	Munich ...	30.03	41	SW	4	#	30.15	+17	38	38	-3	W	4	#	#	#	#	46	37		
	The Helder ...	30.04	37	HE	1	0	30.32	+50	32	31	-6	ENE	1	b	1	0	#	39	32		
FRANCE & BELGIUM.	Brussels ...	#	#	#	#	#	30.31	+36	35	34	-9	E	2	0	#	#	#	45	35		
	Cape Gris Nez ...	30.04	45	W	1	0	30.22	+27	43	42	0	HE	2	m	2	0	#	46	39		
	Paris ...	30.13	48	HW	3	0	30.26	+21	45	44	-3	HW	2	c	#	0	#	55	46		
	Brest ...	30.24	51	HW	1	c	30.33	+17	45	41	-3	HW	1	c	2	c	#	52	37		
	Lorient ...	30.24	46	HW	3	c	30.30	#	43	43	-2	H	3	0	2	c	#	54	43		
	Rocheport ...	30.26	50	HW	4	b	30.26	+08	46	46	-5	ENE	3	0	#	b	#	54	43		
	Belfort ...	30.09	44	SW	4	#	30.24	+21	41	41	-3	W	1	f	#	#	#	48	41		
	Lyons ...	30.18	47	H	1	#	30.25	+06	42	41	-3	H	1	c	#	#	#	53	42		
	Nice ...	30.02	48	SE	1	b	30.04	-05	42	41	-3	Z	0	b	1	b	#	57	41		
	Perpignan ...	30.22	54	HW	2	b	30.23	+06	48	44	-6	SW	2	b	#	b	#	61	47		
	Biarritz ...	30.26	51	HW	2	0	30.19	-07	50	47	-2	SW	3	#	2	0	#	55	48		
	PENIN- SULA.	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
		Lisbon ...	30.26	51	HW	4	c	30.23	-09	52	49	+2	H	3	b	#	c	#	59	50	
		Azores (P. Delgada)	30.28	59	S	4	b	30.26	-02	59	58	+1	S	5	b	#	b	#	63	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 0.5 hrs; Brighton 1.7 hrs; Eastbourne 2.7 hrs; Hastings 2.0 hrs;

WEATHER CHARTS

FOR Monday, 15th February, 1897.

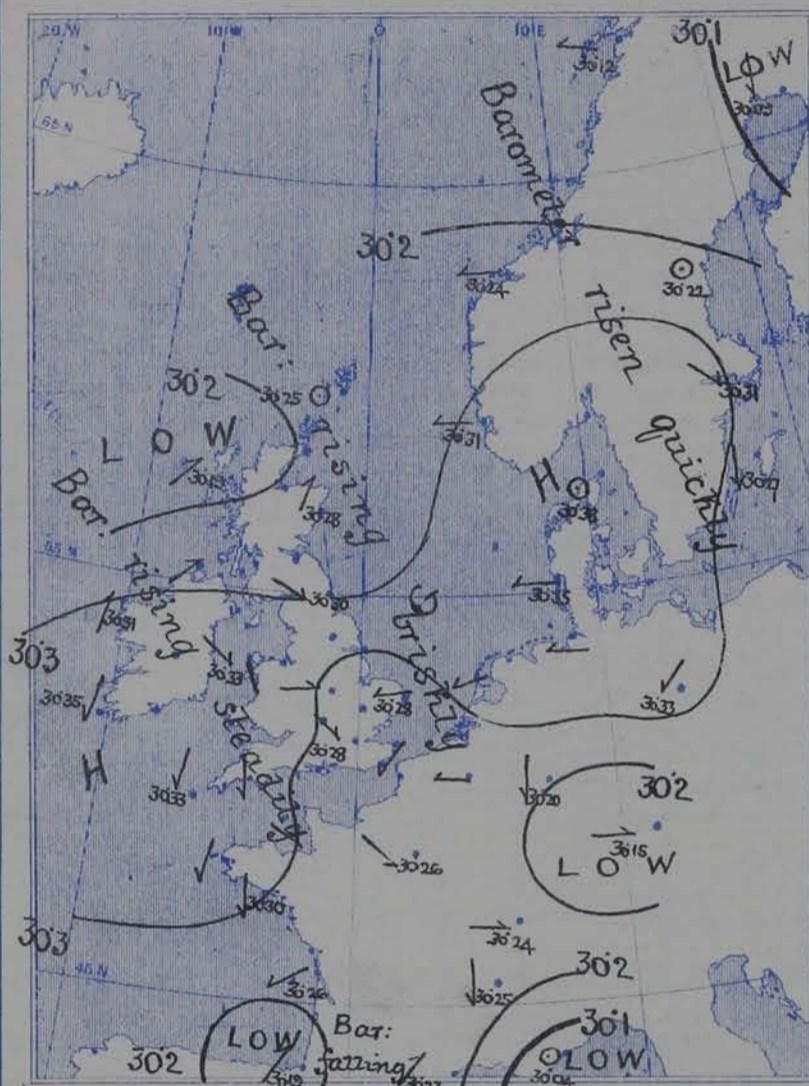
BAROMETER, WIND AND SEA.

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 ≡

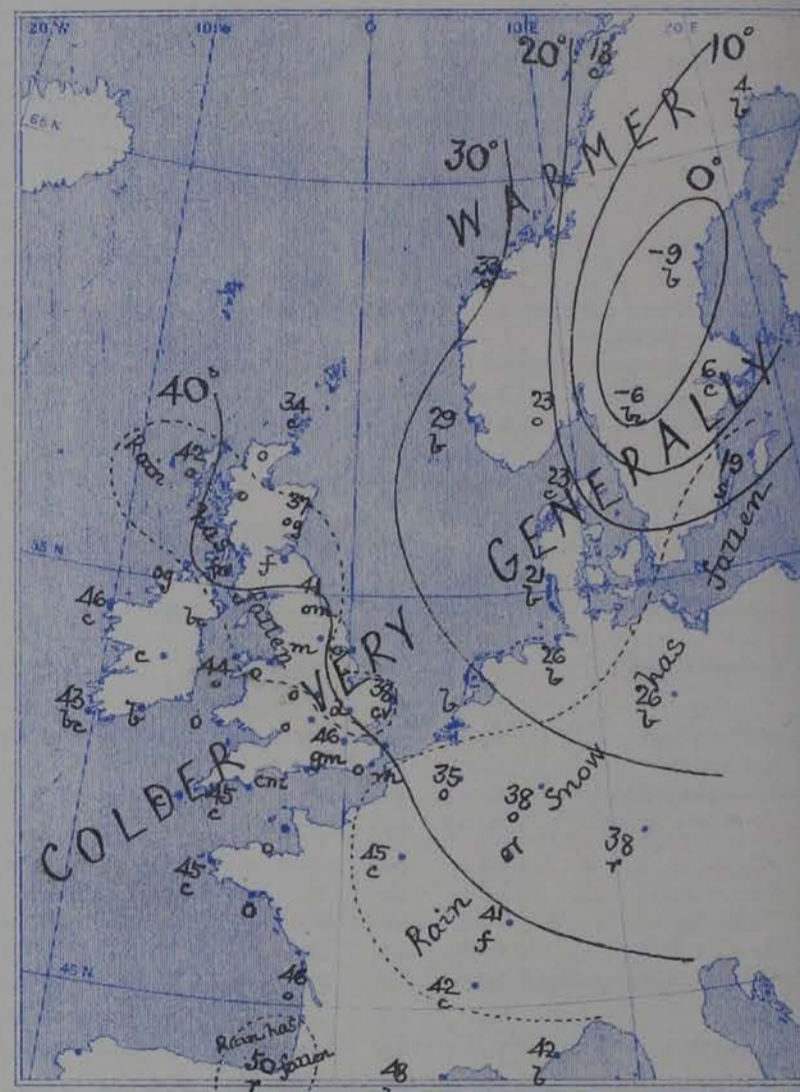


TEMPERATURE & WEATHER.

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 FEBRUARY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.						RAINFALL			BRIGHT SUNSHINE.	
		Means of					Absolute Extremes.			Means, 1866—95.	Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	4.20	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	2.34	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.42	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	1.68	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	2.16	68.0	25
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	4.89	72.9	27
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.19	—	—
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	2.62	79.9	20
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	—	—
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	1.94	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	2.41	95.0	34
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.10	—	—
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	1.81	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.64	33.0*	12*
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.76	66.3	24
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.42	70.5	26
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.73	—	—
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	—	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in: and upwards, in an anticyclone of somewhat irregular form covering Ireland, the west and north of England, the North Sea, Denmark, North Germany, and the southern parts of Scandinavia.

Lowest, 30.1 in: and less over Lapland and also over the Gulf of Genoa.

Gradients very slight. Barometer rising generally.

TEMPERATURE

Highest, 50° at Birrity, 49° at Ardhrossan, 48° at Lerpignan, 47° at Lill, 46° at Belmullet, London, and Rochefort.

Lowest, -9° at Hemsand, -6° at Karlstad, +4° at Haparanda and 6° at Stockholm; lowest in our Islands 34° at Lumburyth and 36° at Havn.

During yesterday the thermometer rose to 50° and upwards at many of our western and southern stations, in the north of Scotland it did not exceed 40°.

WIND

Light from the Nth or NWth over the southern parts of our Islands and the northern and central parts of France, but SW in the south of France. E on the east and southeast coasts of England and also over the Netherlands, North Germany, and the eastern shores of the North Sea.

SW on our extreme northwest coast; calm or variable in Ireland.

WEATHER

Dull in many parts of Great Britain, France and South Germany, with fog or mist in places, and with rain at Birrity and Munich.

Fine at most of the Irish stations, as well as in Scandinavia, Denmark, North Germany, and the south of France; snow reported, however, at Stockholm.

Since yesterday morning a little rain has fallen at most of our own northern and eastern stations, as well as in many parts of France and Germany.

SEA

Light or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Anticyclonic conditions are becoming general and fair quiet weather is therefore probable, with a decrease in temperature in most places. Over Great Britain, however, a good deal of cloud and mist is likely to continue for the present.

FORECASTS

For the 24 hours ending at NOON on 16th FEB: 1897.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Variable or SW th airs; frosty, mist or fog locally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as N°5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	Light Variable airs; dull, misty, slight rain locally. Colder.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Light Variable airs; fair generally, but some mist or fog.
7	ENGLAND N.W.	
8	ENGLAND S.W.	N th to Variable airs; fair generally, but some mist or fog.
9	IRELAND NORTH	Same as N°0 and 1.
10	IRELAND SOUTH	Same as N°8.
WARNINGS		None issued.

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

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

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 ...	29.90	35	34	NHE	2	6	2	Valencia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...	29.93	43	43	ESE	2	02	1	Jersey ...	30.10	50	48	WNW	4	6c	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	30.00	51	49	W	2	0	2
Ardrossan ...								North Foreland ...	30.02	48	47	W	3	0	2
Malin Head ...	30.04	45	44	WNW	5	0	3	London (Westminster) ...							#
Belmullet ...	30.17	49	46	WSW	1	0	*	Yarmouth ...							
Holyhead ...								Rochefort ...	30.26	52	52	WNW	3	6c	#

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

Continental Information not received.

SUMMARY OF THE CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 7TH TO THE 13TH FEB: 1897.

Over the southwestern part of the United Kingdom the weather of last week was again very unsettled, with frequent, and in some cases, heavy falls of rain. In other districts the conditions though somewhat changeable, showed a great improvement on those of the previous week.

At the commencement of the time the depression which had previously advanced eastwards along the Channel, moved away to Germany, an anticyclone spread over our southern districts, and a brief interval of fine weather was experienced very generally. During the latter part of the 8th, however, a large and rather deep depression appeared off our extreme northern coasts, and later on several small secondary disturbances advanced directly across the Kingdom, mild SW or W winds and rain being reported in all districts. The depression with its secondaries ultimately moved away to the eastward, the principal centre travelling across the north of Scandinavia, and occasioning strong NW gales in that country with considerable falls of snow. On the 10th and 11th, however, another shallow secondary system spreading eastwards over our southwestern districts and occasioned rain over the southern parts of the Kingdom generally, the amount being large in the south of Ireland and the southwest of England. Later on the depression dispersed and an anticyclone was formed temporarily over Great Britain. Towards the close of the week, however, this gave way, a new series of depressions appeared off our extreme northern coasts, and light SW or W winds and unsettled rainy weather again became general. During the latter half of the period thick wet fog was very prevalent on our western and southern coasts and especially over the English Channel.

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 16th February, 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 ...	30.30	-10	Z	0	b	29.83	-26	8	8	+ 14	S	4	s	#	b	#	23	-13	-		
	Hernösand ...	30.40	-5	Z	0	b	29.82	-40	16	16	+ 25	S	6	s	#	b	#	16	-13	0.04		
	Stockholm ...	30.43	5	Z	0	b	30.25	-06	14	13	+ 8	SSW	2	0	#	b	#	14	5	-		
	Wisby ...	30.43	19	N	6	0	30.38	+ 11	20	19	+ 1	SSW	4	0	#	0	#	21	12	-		
	Karlstad ...	30.48	6	Z	0	b	30.16	-21	23	23	+ 29	SW	4	s	#	b	#	4	4	-		
	Bodo ...	29.70	26	E	4	0	29.19	-43	39	38	+ 21	SW	8	r	5	0	#	39	14	-		
	Christiansund ...	30.22	37	NNW	2	c	29.78	-46	41	39	+ 8	W	9	r	6	c	#	41	33	0.08		
	Skudesnaes ...	30.56	36	S	2	b	30.22	+ 01	38	38	+ 9	SSW	6	r	4	0.6	#	39	29	#		
	Færder (Christiania Fjord)	30.47	26	SW	1	0	30.20	-114	34	32	+ 11	SW	5	0	3	0	#	34	23	-		
	Skagen (The Seaw)	30.56	27	W	1	b	30.37	-01	31	30	+ 8	W	3	c	0	b	#	32	23	-		
BRITISH ISLANDS.	Fanø ...	30.58	26	SW	1	b	30.57	+ 22	29	28	+ 8	SW	2	c	#	b	#	32	21	-		
	Sumburgh Head	30.22	41	SW	2	0	30.07	-18	46	44	+ 12	W	5	0	5	0	#	46	34	0.01		
	Stornoway ...	30.24	47	SW	4	0	30.20	+ 01	46	45	+ 4	WSW	6	0	6	c.0	#	50	40	-		
	Wick ...	30.25	39	S	1	b	30.17	+ 01	45	44	+ 7	NNW	2	c	2	b	#	45	35	0.01		
	Nairn ...	30.29	45	WSW	2	b	30.26	+ 03	46	44	+ 10	W	1	c	1	b	#	50	34	0.01		
	Aberdeen ...	30.36	39	SSW	2	b	30.30	+ 02	41	39	+ 4	SW	2	b	1	b	#	44	35	-		
	Leith ...	30.39	45	SW	1	f	30.42	+ 15	44	42	+ 6	WSW	3	om	#	f	#	46	37	-		
	Shields ...	30.42	42	Z	0	om	30.49	+ 19	41	40	0	SW	3	0	2	om	#	45	39	-		
	Spurn Head ...	30.47	39	SSE	3	0	30.56	+ 26	39	38	+ 1	S	2	0	2	0	#	39	38	-		
	York ...	30.44	41	SE	1	0	30.56	+ 25	40	40	- 1	SSW	1	b	#	f.0	#	45	39	0.01		
GERMANY & HOLLAND.	Loughborough...	30.45	45	ESE	1	0	30.59	+ 30	41	40	- 2	ESE	1	ogm	#	omd.gm	#	50	40	0.01		
	Ardrossan ...	30.39	44	SSW	1	b	30.45	+ 16	44	43	- 5	SSW	3	0	3	b	#	49	38	0.01		
	Malin Head ...	30.35	46	SSW	2	b	30.38	+ 10	42	41	- 3	S	4	b	2	b.0	#	50	40	-		
	Belmullet ...	30.38	46	SSW	3	b	30.43	+ 12	47	46	+ 1	SSW	4	c	#	c.0	#	48	43	-		
	Donaghadee ...	30.43	46	SW	4	c	30.50	+ 17	37	37	- 5	SW	4	b	2	c	#	50	34	-		
	Liverpool (Bidston)	30.46	44	Z	0	0	30.58	+ 25	42	39	0	SW	2	b	2	0	#	48	41	-		
	Holyhead ...	30.45	44	SW	1	b	30.56	+ 23	42	41	- 2	SSW	2	c	1	b.0	#	49	37	-		
	Parsonstown ...	30.48	48	Z	0	0	30.52	+ 16	35	34	- 6	Z	0	c	#	b.0	#	54	34	-		
	Valencia ...	30.43	47	SSE	2	b	30.53	+ 18	45	42	+ 2	SSE	3	c	4	c.0	#	54	41	-		
	Roche's Point ...	30.46	48	S	1	b	30.58	+ 20	40	38	+ 1	N	1	b	2	b	#	53	38	-		
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.45	45	SE	3	0	30.59	+ 25	42	40	- 2	E	2	0	2	0	#	47	40	-		
	Scilly ...	30.40	47	NE	2	0	30.52	+ 19	47	45	0	E	3	0	3	c.0	#	50	41	-		
	Prawle Point ...	30.44	44	NE	2	b	30.61	+ 28	43	43	- 2	NNE	3	0	2	b	#	48	40	-		
	Jersey (St. Aubin's)	30.42	47	NNE	3	cm	30.60	+ 27	44	43	- 1	NE	4	cm	3	cm	#	49	43	-		
	Hurst Castle ...	30.42	45	E	2	om	30.61	+ 31	41	39	- 2	ENE	2	cm	1	c.0m.f	#	51	49	-		
	Dungeness ...	30.41	40	NE	3	c	30.61	+ 37	35	34	- 9	ENE	3	c	2	f.c	#	45	34	-		
	North Foreland	30.45	39	E	2	c	30.64	+ 36	34	34	- 5	E	3	b	2	c	#	41	33	-		
	London (Brixton) ...	30.48	41	SE	1	0	30.63	+ 35	38	36	- 8	SE	1	0	#	ogd.0	#	46	37	0.02		
	Oxford ...	30.49	46	NNE	1	0	30.63	+ 32	40	38	- 4	S	1	0	#	c.0.0	#	51	39	-		
	Cambridge ...	30.47	40	SE	1	0	30.64	+ 35	38	37	- 7	SSE	1	0	#	0	#	46	36	0.01		
PENIN- SULA.	Yarmouth ...	30.46	38	E	4	b	30.66	+ 38	37	35	- 1	S	2	b	2	b	#	39	34	-		
	Cuxhaven ...	30.50	28	E	1	b	30.65	+ 36	22	22	- 4	SW	1	b	#	b	#	28	21	-		
	Berlin ...	30.50	23	NE	4	b	30.70	+ 37	19	19	- 7	S	2	b	#	b	#	32	18	-		
	Wiesbaden ...	#	#	#	#	#	30.63	+ 43	26	23	- 12	NE	2	b	#	#	#	46	25	-		
	Munich...	30.36	31	Z	0	0	30.57	+ 42	26	26	- 12	E	3	b	#	0	#	41	26	0.24		
	The Helder ...	30.52	31	ENE	1	b	30.64	+ 32	26	25	- 6	SE	1	b	1	b	#	34	26	-		
	Brussels ...	#	#	#	#	#	30.67	+ 36	28	27	- 7	ENE	2	0	#	0	#	41	27	-		
	Cape Gris Nez...	30.42	38	E	3	c	30.57	+ 35	28	28	- 15	E	1	f	2	c	#	45	27	-		
	Paris ...	30.39	46	NNE	2	c	30.58	+ 32	31	30	- 14	NNE	2	b	#	c	#	50	31	-		
	Brest ...	30.39	46	NE	2	c	30.53	+ 20	40	41	- 2	ENE	2	c	2	c	#	48	37	-		
FRANCE & BELGIUM.	Lorient...	30.40	46	N	4	c	30.55	+ 25	43	41	0	E	4	m	2	c	#	54	41	-		
	Rochefort ...	30.26	49	N	3	b	30.41	+ 15	43	42	- 3	ENE	5	0	#	2.0	#	52	41	-		
	Belfort ...	30.31	39	E	4	f	30.48	+ 24	30	29	- 11	E	5	m	#	f	#	50	30	-		
	Lyons ...	30.30	45	N	2	b	30.44	+ 19	39	38	- 3	N	2	m	#	b	#	51	39	-		
	Nice ...	30.12	48	Z	0	b	30.30	+ 26	44	38	+ 2	Z	0	b	1	b	#	59	42	-		
	Perpignan ...	30.24	51	NNW	3	b	30.33	+ 10	46	42	- 2	W	2	b	#	b	#	58	42	-		
	Biarritz ...	30.24	52	NNE	3	0	30.31	+ 12	40	39	- 10	E	2	b	2	0	#	54	39	-		
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
	Lisbon ...	30.19	53	NNW	5	b	30.19	- 04	53	50	+ 1	NNW	4	0	#	b	#	61	52	-		
	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 0.6 hrs; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.0 hrs;

WEATHER CHARTS

FOR Tuesday, 16th February, 1897.

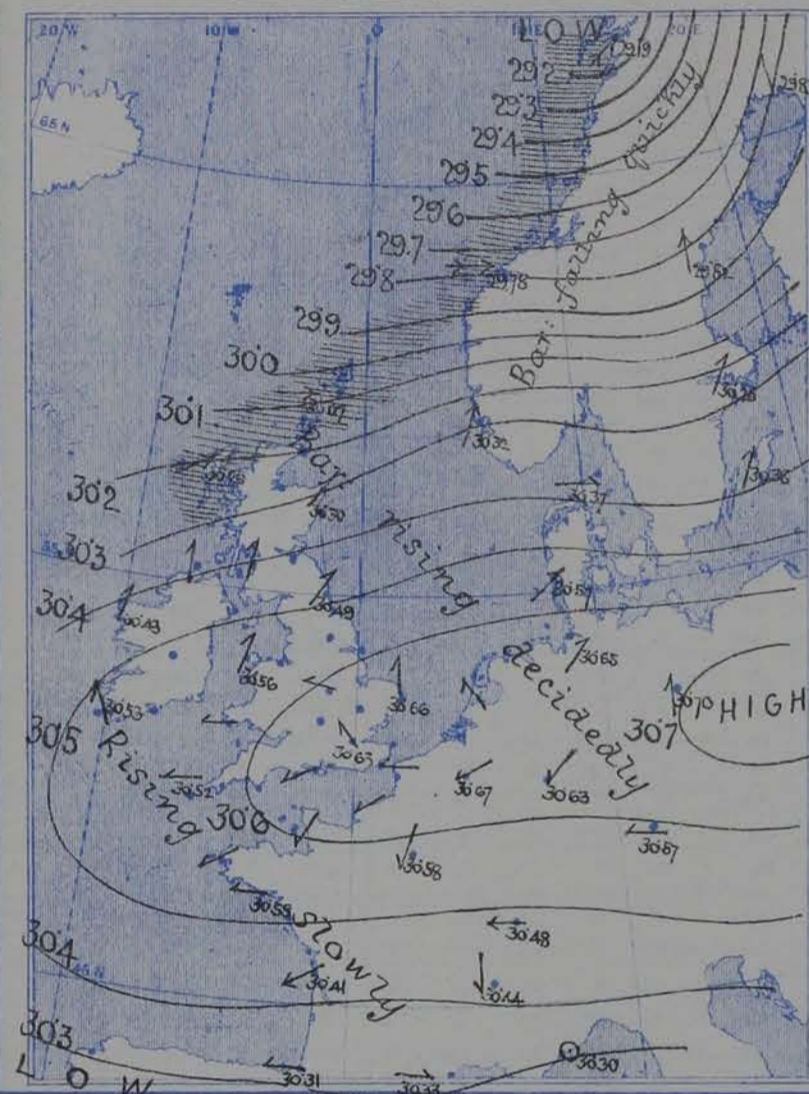
BAROMETER, WIND AND SEA.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	26
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.70 ins. at Berlin, 30.5 ins. and upwards in an anticyclone extending from central Europe over England, Ireland and the northern parts of France.

Lowest 29.2 ins. and less in a deep depression lying off the northwest of Norway. Gradients steep over Scandinavia, but moderate or slight elsewhere.

Barometer falling in Scandinavia, Denmark and the N. of Scotland, - quickly in the far N. rising elsewhere.

Highest (1) 53° at Lisbon, and 46° at Perpignan; (2) 47° at Belmullet and Scilly, and 46° at ^{elsewhere} ~~Bombay~~ 11°.

TEMPERATURE

Lowest 8° at Haparanda, 14° at Stockholm, 16° at Helsingfors, and 19° at Berlin; lowest in our Islands 34° at the North Foreland, and 35° at Dungeness and Parsonstown.

During yesterday the thermometer rose to between 45° and 50° in most parts of the United Kingdom, and to 54° at Parsonstown and Valencia (Ireland); on the E. coast of England, however, it did not reach 40°.

WIND

Light to fresh from the SW^w or W^w over the northern parts of our Islands, and strong to a gale from the same quarters in the west of Norway.

Light from the E^w on our southern coasts, as well as in France, the Netherlands and S. Germany.

WEATHER

Cloudy or dull over western Europe as a whole, but fine in isolated parts of the United Kingdom, as well as in Germany and the extreme south of France.

Rain was falling in the west of Norway, and snow in Sweden.

Slight rain fell yesterday in several parts of Gt. Britain. Lunar halos were seen in the N. of Scotland.

SEA

Slight or smooth generally, but rough off the N. of Scotland and the west of Norway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The low pressure system in the far north is likely to spread southwards, and to affect the weather on our own northern coasts. In the south of our Islands no material change is likely at present, beyond perhaps a clearance of the sky in many places.

FORECASTS

For the 24 hours ending at NOON on 17TH FEB. 1897.

DISTRICTS.

FORECASTS.

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

W^w winds, strong, dull, some rain.

SW^w and W^w winds freshening, fair at first, some showers later.

Wind shifting to the SW^w or W^w, 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

SW^w winds freshening, fair at first, some showers later.

E^w and SE^w winds, light, fair generally.

S^w and SW^w winds freshening, fair at first, some rain later.

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 ...	30.44	35	33	E	2	o	1	Valencia ...	30.29	53	47	S	2	c	4
Sumburgh Head ...	30.24	41	39	SW	1	o	3	Scilly ...	30.29	49	46	NW	2	c	3
Stornoway ...	30.22	50	48	SW	4	c	4	Jersey ...	30.38	49	47	N	3	o	3
Aberdeen ...	30.34	43	42	SW	1	cm	1	Hurst Castle ...	30.36	51	46	NNE	2	c	2
Shields ...	30.32	42	42	ENE	2	om	2	Dungeness ...	30.34	42	41	NE	2	f	1
Ardrossan ...	30.36	46	45	2	o	b	o	North Foreland ...	30.40	40	39	E	2	f	2
Malin Head ...	30.33	50	48	SW	2	b	1	London (Westminster) ...	30.39	45	43	NE	1	gmr	#
Belmullet ...	30.35	48	47	SW	3	c	*	Yarmouth ...	30.29	38	37	E	2	bc	3
Holyhead ...	30.40	47	45	NW	2	bc	1	Rocheport ...	30.28	51	51	N	3	c	#

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

Weather in morning rather variable, but cloudy or dull in most parts of Gr. Britain and the Continent, with fog or mist in places, and with rain at Munich, Biarritz, Bilbao and Naples; snow falling at Whist, Riga and Moscow. Fine in Ireland, and also over Denmark and the N. parts of Germany and Sweden. Slight rain falling during day in several parts of Great Britain. Lunar halos seen in the north of Scotland.

Temperature fallen in most places. Morning readings, highest 55° at Palma, Cagliari and Malta, and 54° at Barcelona, Algiers and Jaffa; above 45° at some of our own S. stations. Lowest -9° at Hernösand, -6° at Karlstad, -4° at Hangö, and -3° at Kuopio; below the freezing point over N. and E. Europe generally, and very little above it in the N. of Scotland. Rising during day to between 45° and 50° in most parts of the United Kingdom, but scarcely touching 40° on the E. coasts of England. Exceeding 55° in the S. of France, and reaching 61° at Lisbon.

Wind light to moderate from the N. over Denmark, Germany and the Netherlands, and from the N. or NW. over the south of our Islands and the northern parts of France. SW. on our own extreme NW. coasts; calm or variable in Scotland, E. in the west of Norway. N. over northern Russia, but NW. or W. in the south of that country; variable over Italy and the south of France, NE. in Spain; SW. breezes setting in later over Scotland and the W. of Norway; wind shifting to the NE. or E. in the north of England.

Barometer highest 30.3 ins. and upwards in an anticyclone of somewhat irregular form covering Ireland, the W. and N. of England, the North Sea, Denmark, N. Germany and the south of Scandinavia. Lowest 29.2 ins. and less in a depression over central Russia. New disturbance beginning to approach Norwegian coasts in evening.

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, 17th February, 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.
SCANDINAVIA.		Ins.					Ins.	Ins.	°	°	°						°	°	Ins.		
	Haparanda ...	29.52	7	SE	2	0	29.26	- .57	10	10	+ 2	S	2	S	#	0	#	10	-18	0.04	
	Hernösand ...	29.58	39	SW	2	0	29.36	- .46	39	37	+ 28	SSW	2	r	#	0	#	45	-8	0.08	
	Stockholm ...	29.74	37	W	6	bc	29.63	- .62	39	37	+ 25	WSW	4	c	#	bc	#	39	0	0.12	
	Wisby ...	29.86	35	W	6	0	29.80	- .58	35	35	+ 15	SW	4	bc	#	0	#	35	16	0.20	
	Karlstad ...	29.86	39	WSW	2	b	29.80	- .36	42	39	+ 19	SW	4	bc	#	0	#	35	16	0.08	
	Bodö ...	29.46	39	SW	6	0	29.09	- .10	39	38	0	SW	6	0	4	0	#	39	37	0.28	
	Christiansund ...	29.77	43	WSW	9	0	29.73	- .05	43	41	+ 2	WSW	9	r	6	0	#	43	41	0.95	
	Skudesnaes ...	30.19	40	SW	2	f	30.18	- .14	41	41	+ 3	WSW	4	0	3	0, f, r	#	41	30	#	
	Færder (Christiania Fjord)	29.93	40	WSW	6	0	29.91	- .29	38	37	+ 4	WSW	5	0	4	0	#	41	34	#	
	Skagen (The Scaw)	30.08	37	W	6	m	30.05	- .32	37	37	+ 6	W	4	f	1	m	#	37	30	0.08	
	Fanö ...	30.36	34	WSW	5	c	30.32	- .25	35	35	+ 6	W	4	c	#	c	#	36	28	-	
	Sumburgh Head	30.05	46	W	6	0	30.11	+ .04	45	45	- 1	W	3	0	5	0	#	46	43	-	
	Stornoway ...	30.18	49	SW	5	og	30.14	- .06	47	46	+ 1	SW	6	0	7	0	0.0	49	44	-	
	Wick ...	30.16	47	W	2	bc	30.18	+ .01	44	43	- 1	SW	2	bc	1	bc	#	50	43	-	
	Nairn ...	30.23	47	W	3	bc	30.21	- .05	45	44	- 1	WSW	2	b	1	bc	#	49	41	-	
	Aberdeen ...	30.28	41	SW	1	bcm	30.28	- .02	36	35	- 5	SW	1	bcm	1	c, bcm	1.4	51	36	-	
	Leith ...	30.38	45	W	2	bc	30.34	- .08	46	44	+ 2	WSW	3	cm	#	bc	#	51	42	-	
	Shields ...	30.43	44	SW	1	bcm	30.41	- .08	41	40	0	WSW	1	cm	2	c, bcm	#	50	38	-	
	Spurn Head ...	30.50	42	SW	3	bcm	30.44	- .12	38	38	- 1	W	2	cm	2	bcm	#	47	37	-	
	York ...	30.52	45	WSW	1	c	30.45	- .11	38	37	- 2	SW	1	b	#	0, c	0.5	49	35	-	
	Loughborough ...	30.55	43	SW	1	bc	30.51	- .08	32	31	- 9	ESE	1	bcm	#	0, c, bcm	#	50	32	-	
	Ardrossan ...	30.43	44	SSW	3	b	30.36	- .09	43	43	- 1	S	3	0	2	c, b	#	45	42	-	
	Malin Head ...	30.39	46	WSW	4	cm	30.29	- .09	44	43	+ 2	SSW	4	og	2	c, cm	#	49	41	-	
	Belmullet ...	30.41	47	SW	4	0	30.31	- .12	46	45	- 1	SSW	3	0	#	0	#	48	43	-	
	Donaghadee ...	30.47	45	SW	3	b	30.42	- .08	41	40	+ 4	SSW	4	c	2	b	#	50	36	-	
	Liverpool (Bidston)	30.55	45	Z	0	b	30.48	- .10	40	38	- 2	SSW	1	bc	3	b	#	49	37	-	
	Holyhead ...	30.54	44	SSW	2	bc	30.46	- .10	43	42	+ 1	SSW	3	m	2	b, bc	#	48	40	-	
	Parsonstown ...	30.51	43	Z	0	c	30.41	- .11	34	34	- 1	Z	0	bc	#	bc, c	7.4	51	33	-	
	Valencia ...	30.51	48	SSE	2	0	30.38	- .15	47	44	+ 2	SSE	3	0	3	0	0.4	49	43	-	
	Roche's Point ...	30.57	47	SW	3	c	30.45	- .13	46	45	+ 6	SSW	3	0	3	b, c	#	52	40	-	
	Pembroke (St. Ann's Hd.)	30.57	46	SW	4	bc	30.50	- .09	44	43	+ 2	SW	3	c	3	bc	4.2	47	42	-	
	Scilly ...	30.58	48	SE	4	0	30.48	- .04	45	43	- 2	E	4	c	5	bc, 0	5.5	52	41	-	
	Prawle Point ...	30.61	41	NE	2	b	30.53	- .08	40	39	- 3	EHE	3	c	2	c	#	46	36	-	
	Jersey (St. Aubin's)	30.59	46	EHE	3	bcm	30.54	- .06	34	33	- 10	W	1	bm	1	bm, bm	#	49	32	-	
	Hurst Castle ...	30.61	44	EHE	2	cm	30.56	- .05	35	35	- 6	EHE	1	f	1	om, cm	#	43	34	-	
	Dungeness ...	30.59	36	EHE	1	c	30.55	- .06	32	32	- 3	Z	0	m	0	b	#	41	30	-	
	North Foreland	30.64	36	E	2	c	30.56	- .08	36	35	+ 2	SW	3	c	2	b, c	#	40	33	-	
	London (Brixton) ...	30.61	41	SW	1	om	30.55	- .08	35	33	- 3	SW	1	bc	#	0, b, cm	0.0	45	32	-	
	Oxford ...	30.60	44	SSW	2	0	30.56	- .07	36	36	- 4	SW	1	f	#	0, bc	#	46	35	-	
	Cambridge ...	30.59	39	SSW	1	b	30.55	- .09	33	33	- 5	SW	1	f	#	0, b	0.1	46	32	-	
	Yarmouth ...	30.56	40	SW	2	bc	30.49	- .17	36	35	- 1	WSW	3	bm	2	bc	#	42	33	-	
	Cuxhaven ...	30.48	32	SW	3	0	30.41	- .24	33	33	+ 11	W	4	om	#	0	#	34	22	-	
	Berlin ...	30.52	27	W	4	b	30.39	- .31	33	31	+ 14	W	4	c	#	b	#	33	19	-	
	Wiesbaden ...	#	#	#	#	#	30.60	- .03	25	24	- 1	E	2	b	#	#	#	36	25	-	
	Munich ...	30.50	30	SE	3	c	30.60	+ .03	31	30	+ 5	W	1	0	#	c	#	36	26	-	
	The Helder ...	30.58	34	SW	1	b	30.51	- .13	36	35	+ 10	SW	2	bc	1	b	#	36	26	-	
	Brussels ...	#	#	#	#	#	30.62	- .03	30	30	+ 2	SSE	1	b	#	b	#	39	26	-	
	Cape Gris Nez ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Paris ...	30.60	36	NE	2	b	30.56	- .02	26	26	- 5	NHE	2	f	#	b	#	42	26	-	
	Brest ...	30.56	50	EHE	1	b	30.48	- .05	35	34	- 8	E	2	b	2	b	#	52	32	-	
	Lorient ...	30.52	45	EHE	4	m	30.44	- .11	33	32	- 10	SE	4	m	2	m	#	54	32	-	
	Rocheport ...	30.40	46	EHE	5	b	30.42	+ .01	37	37	- 6	SE	3	b	#	b	#	52	36	-	
	Belfort ...	30.53	34	E	2	0	30.55	+ .07	28	27	- 2	E	2	m	#	0	#	49	27	-	
	Lyons ...	30.55	40	N	1	0	30.59	+ .15	37	36	- 2	SSE	1	m	#	0	#	42	37	-	
	Nice ...	30.42	48	Z	0	b	30.52	+ .22	41	39	- 3	Z	0	b	2	b	#	57	39	-	
	Perpignan ...	30.48	49	Z	0	b	30.50	+ .17	47	46	+ 1	E	2	0	#	b	#	58	44	0.08	
	Biarritz ...	30.34	50	WSW	3	0	30.38	+ .07	40	39	0	SSE	3	b	4	0	#	54	39	-	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lisbon ...	30.24	53	W	4	bc	30.32	+ .13	50	48	- 3	NHE	4	b	#	bc	#	61	48	0.04	
	Azores (P. Delgada)	30.41	60	SSW	3	c	30.39	+ .02	59	59	0	S	4	c	3	c	#	64	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 6.0 hrs; Brighton 1.4 hrs; Eastbourne 3.4 hrs; Hastings 2.3 hrs;

WEATHER CHARTS

FOR Wednesday, 17th February, 1897.

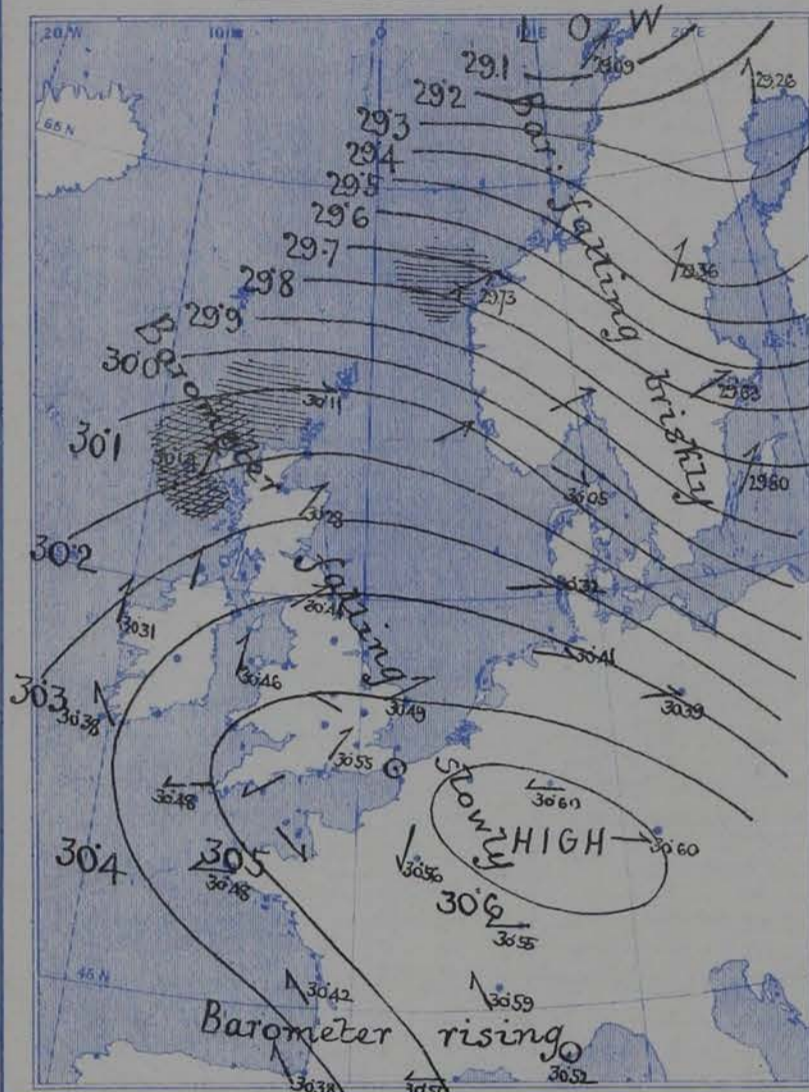
BAROMETER, WIND AND SEA.

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 ≡

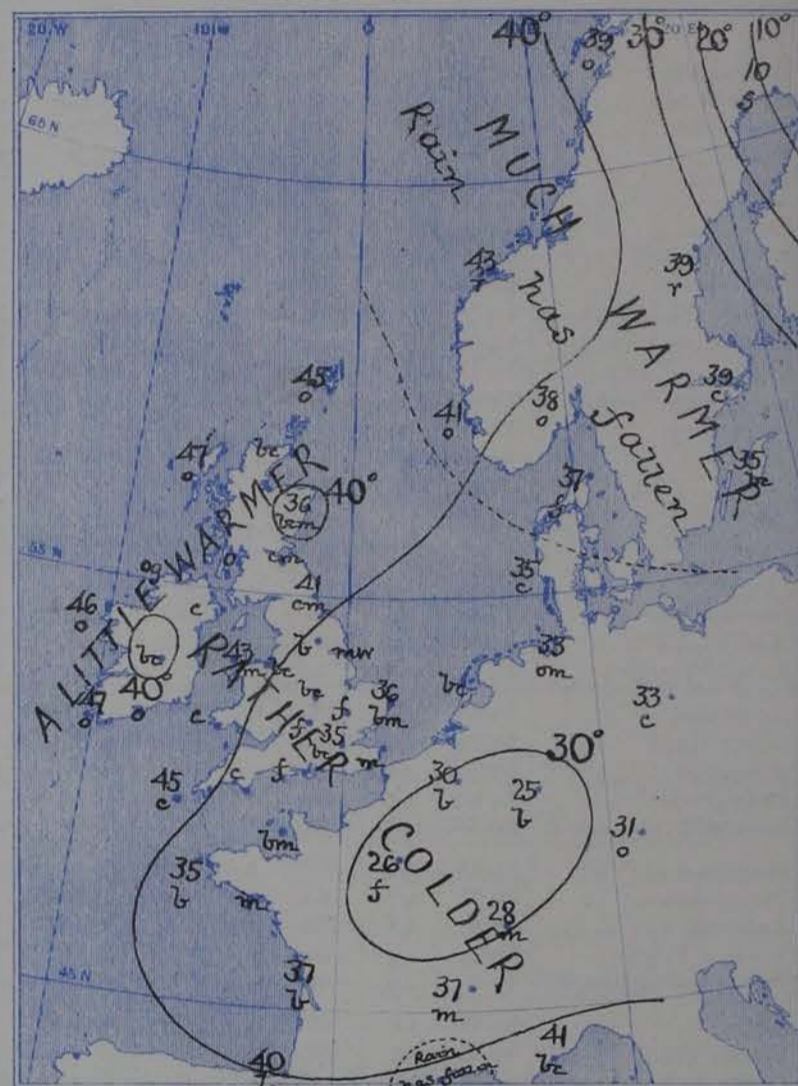


TEMPERATURE & WEATHER.

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 FEBRUARY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871-95.	TEMPERATURE OF AIR. 1871-95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.		Means, 1866-95.	Hours.	Means, 1881-95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Minimum			Per cent. of possible.	
	(Inches.)	°	°	°	°	°	°	(Inches.)			
Sumburgh Head	29.772	38.6	37.2	42.2	34.4	51	17	3.11	—	—	—
Stornoway	29.775	38.0	38.0	43.6	34.2	55	12	3.80	63.6	25	—
Wick	29.800	37.7	36.4	42.9	32.9	59	2	2.16	—	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	0	1.65	—	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	6	2.26	73.4	23	—
Leith	29.873	38.1	36.7	45.5	33.9	59	12	1.51	—	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	7	1.50	—	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57	20	1.32	—	—	—
York	29.945	37.0	36.0	44.4	33.2	59	3	1.68	60.0	22	—
Loughborough	29.972	36.7	35.5	45.2	33.0	64	5	1.71	—	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	13	2.93	—	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	4.20	—	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	16	2.34	—	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	17	2.42	—	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	12	1.68	—	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	6	2.16	68.0	25	—
Valencia	29.917	44.3	42.6	49.5	40.3	58	22	4.89	72.9	27	—
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	25	4.19	—	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	23	2.62	79.9	20	—
Scilly	29.964	45.7	44.1	48.6	42.4	56	27	2.62	—	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57	21	1.94	—	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	18	2.41	95.0	34	—
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	17	2.10	—	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	11	1.81	—	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	10	1.64	33.0	12	—
Oxford	29.994	37.3	36.1	44.9	34.2	64	7	1.76	66.3	24	—
Cambridge	29.987	36.7	35.7	45.5	32.1	67	6	1.42	70.5	26	—
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	15	1.73	—	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.62 in. at Brussels; 30.2 in. and upwards, in an anticyclone covering all but the northern part of our area.
 Lowest, 29.1 in. and less, in a depression lying off the north-west of Norway.
 Gradients slight generally, but rather steep over Scandinavia.
 Barometer falling at all but the southern French stations - briskly in Sweden.

TEMPERATURE

Highest, (1) 50° at Lisbon and 47° at Perpignan; (2) 47° at Tromsø and Valence (Ireland), and 46° at Bournemouth and Rockport.
 Lowest, (1) 10° at Haparanda; (2) 25° at Kristad and 26° at Paris; (3) 32° at Loughborough and Dungeness.
 Frost occurred last night in most parts of England; in London the thermometer on the grass fell to 27° and at Loughborough to 24°.

WIND

S³ or SW³ over the greater part of our Islands; light to moderate in force generally, but strong in the Hebrides.
 SW¹ or W¹ over Scandinavia and Denmark, with a gale at Christiansund.
 Light to moderate from the E² or SE² over the English Channel, France, and Belgium.

WEATHER

Fine in most parts of Great Britain, France, and the Netherlands, but with fog or mist in places.
 Drizzle in Ireland and the west and north of Scotland, as well as at many of the Scandinavian and Danish stations, rain falling at Helsingør and Christiansund, and snow at Haparanda.
 Rain or snow fell yesterday over nearly the whole of Scandinavia, but in other parts of our area the weather was dry. Sun or halos were seen at several of our own stations.

SEA

High at Tromsø and rough off the north of Scotland generally, and rather rough at Scilly, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The large anticyclone noticed above is receding southwards, and the conditions are becoming favourable for the advance of depressions towards our western coasts. At present, however there are no signs of the approach of any serious disturbance.

FORECASTS

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

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	SW ⁴ winds, increasing in force; drizzle, some rain.
1	SCOTLAND EAST	} SW ³ winds, moderate; fair generally.
2	ENGLAND N.E.	
3	ENGLAND EAST	} SW ³ winds, light; fine generally, but local fogs.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	} SW ³ winds, freshening; fair at first, some showers later.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SE ³ winds, moderate; fair generally.
9	IRELAND NORTH	} S ³ winds, increasing in force; drizzle, some rain.
10	IRELAND SOUTH	
WARNINGS		None issued.

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

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	40	40	S	2	0	3	Valencia ...	30.55	49	45	SSE	3	0	5	
Sumburgh Head ...	30.05	46	45	W	5	0	6	Scilly ...	30.57	51	47	ESE	3	0	8	
Stornoway ...	30.21	49	47	SSW	4	0	5	Jersey ...	30.60	48	45	ESE	3	0	3	
Aberdeen ...	30.28	50	45	SW	1	C	1	Hurst Castle ...	30.62	43	41	NE	1	sm	1	
Shields ...	30.44	49	44	SW	3	C	2	Dungeness ...	30.61	39	37	E	2	6	1	
Ardrossan ...	30.44	45	43	SSW	3	C	3	North Foreland ...	30.64	40	39	E	1	6c	1	
Malin Head ...	30.39	48	46	WSW	5	C	3	London (Westminster) ...	30.62	46	41	SW	2	sm	#	
Belmullet ...	30.45	48	47	SW	4	0	*	Yarmouth ...	30.58	42	39	SSW	2	6c	2	
Holyhead ...	30.55	47	45	SSW	3	6	2	Rochefort ...	30.42	50	50	ESE	5	6	#	

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

Weather in morning cloudy or dull over Western and Northern Europe generally, with rain in the west of Norway and snow in Sweden. Fine in isolated parts of the United Kingdom, as well as over Eastern, central, and southern Europe generally, but cloudy over the Spanish Peninsula, with rain at Madrid. Sky clearing later in many parts of Great Britain; hazy halos seen at several of the English and Irish stations. Rain or snow falling over the whole of Scandinavia.

Temperature risen over Scandinavia, Denmark, and the north of our Islands, fallen elsewhere—rapidly in Russia. Morning readings highest 56° at Oran and Algiers, and 54° at Porto and Malta, above 50° at several of the Mediterranean and Spanish coast stations. Lowest -20° F. at Archangel, -10° at Petersburg, and -5° at Helsingfors; considerably below the freezing point over the whole of Sweden. Russia and Central Europe, rising during day to between 45° and 50° in most parts of our Islands, exceeding 55° in the south of France, and reaching 61° at Lisbon. Frost occurring over England at night.

Winds SW (S to W) over all the more northern parts of our Islands and the Continent; strong in force in the Hebrides, and blowing a gale on the Norwegian coast. Light from the NW over Russia, Austria, and Eastern Germany; NE or E over France, Spain, Italy, and the south of England. Subsequently shifting to the SW in the last mentioned region; no important change occurring elsewhere.

Barometer highest 30.70 in. at Berlin, 30.5 in. and upwards in an anticyclone covering the whole of Central Europe and extending westwards over England, Ireland, and the north of France. Lowest 29.2 in. and less in a deep depression off the northwest of Norway; 29.9 in. and less in another disturbance over Central Russia. No important change occurring over Western Europe 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.

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, 18th February, 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.		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.
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
	Hernösand ...	29.53	10	Z	0	b	29.58	+32	22	22	+12	NSW	4	S	#	b	#	46	36	-	
	Stockholm ...	29.80	39	W	8	b	29.76	+40	37	?	-2	S	4	b	#	b	#	46	32	-	
	Wishby ...	29.99	41	N	4	b	30.04	+41	34	32	-5	NSW	4	b	#	b	#	44	32	-	
	Karlstad ...	30.04	38	NW	4	b	30.16	+36	34	33	-1	SSW	4	b	#	b	#	#	#	-	
		30.10	44	NW	2	bc	30.04	+24	39	37	-3	SSW	2	b	#	bc	#	#	#	-	
	Bodo ...	29.75	32	NW	4	bc	29.26	+17	40	39	+1	SW	5	r	#	bc	#	40	32	0.28	
	Christiansund ...	29.93	43	NSW	4	c	29.63	-10	45	42	+2	NSW	5	c	#	c	#	45	43	-	
	Skudesnaes ...	30.28	42	S	2	f	30.03	-15	39	39	-2	S	6	o	#	bc, f	#	45	32	#	
	Færder (Christiania Fjord)	30.13	39	NSW	3	o	30.04	+13	36	36	-2	SW	5	f	#	o	#	48	36	-	
BRITISH ISLANDS.	Skagen (The Scaw)	30.24	34	NW	4	f	30.17	+12	35	35	-2	NSW	3	f	#	f	#	41	32	-	
	Fanö ...	30.35	33	N	2	m	30.28	-04	39	37	-2	SW	4	f	#	f	#	37	32	-	
	Sumburgh Head	29.98	44	N	2	o	29.74	-37	44	43	-1	SW	3	o	#	o	#	47	41	-	
	Stornoway ...	29.97	45	SW	7	o	29.67	-47	44	43	-3	SW	7	r	#	o	#	47	42	0.22	
	Wick ...	30.01	46	SW	3	bc	29.77	-41	44	43	0	SW	4	c	#	bc	#	50	40	-	
	Nairn ...	30.05	43	N	3	c	29.82	-39	45	43	0	Z	0	bc	#	c	#	50	40	-	
	Aberdeen ...	30.15	43	SW	2	bc	29.92	-36	41	39	+5	SSW	4	bcq	#	c, bc	#	49	36	-	
	Leith ...	30.22	45	N	3	o	29.97	-37	44	41	-2	SSW	3	bc	#	o	#	50	41	-	
	Shields ...	30.29	45	N	1	m	30.08	-33	39	37	-2	SSW	3	bc	#	m	#	49	37	-	
	Spurn Head ...	30.36	41	SSW	3	cm	30.22	-22	37	36	-1	SSW	3	b cmw	#	cm	#	50	35	-	
GERMANY & HOLLAND.	York ...	30.40	46	NSW	1	o	30.17	-28	32	31	-6	S	1	b	#	b, o	#	52	31	-	
	Loughborough ...	30.44	42	S	1	c	30.26	-25	35	34	+3	SW	2	bc	#	f, bc, b	#	51	32	-	
	Ardrossan ...	30.21	45	S	3	o	29.95	-41	44	43	+1	S	5	b	#	o	#	45	42	-	
	Malin Head ...	30.14	46	SSW	5	cq	29.74	-55	44	43	0	S	6	o	#	c, cq	#	50	42	-	
	Belmullet ...	30.13	48	SSW	5	o	29.67	-64	48	48	+2	SSW	7	o	#	c, o, r	#	49	43	0.25	
	Donaghadee ...	30.27	45	SSW	4	c	29.98	-44	43	42	+2	SSW	6	bc	#	c	#	49	38	-	
	Liverpool (Pidaton)	30.38	44	SW	1	o	30.16	-32	35	33	-5	SSE	2	b	#	c, o	#	48	34	-	
	Holyhead ...	30.35	44	SSW	4	ogm	30.10	-36	42	41	-1	SSW	5	cm	#	of, ogm	#	46	40	-	
	Parsonstown ...	30.26	44	S	1	bc	29.93	-48	45	44	+11	S	3	or	#	bc	#	51	33	0.03	
	Valencia ...	30.25	48	SSE	3	c	29.89	-49	50	49	+3	S	7	rmg	#	c, r	#	50	46	0.43	
FRANCE & BELGIUM.	Roche's Point ...	30.32	42	SSW	4	o	30.05	-40	48	47	+2	SSW	6	b	#	c, o	#	48	45	0.06	
	Pembroke (St. Ann's Hd.)	30.37	43	SE	1	b	30.19	-31	44	43	0	SSW	5	b	#	b	#	45	42	-	
	Scilly ...	30.38	44	SSE	3	c	30.24	-24	47	44	+2	SSW	5	c	#	bc, c	#	50	39	-	
	Prawle Point ...	30.42	41	E	3	b	30.31	-22	45	45	+5	SW	4	c	#	c	#	46	39	-	
	Jersey (St. Aubin's)	30.44	44	SE	1	bm	30.38	-16	44	43	+10	SSE	3	b cmw	#	b, b mw	#	46	34	0.01	
	Hurst Castle ...	30.44	40	ESE	1	bm	30.34	-22	43	42	+8	SSW	3	cm	#	bm	#	46	35	-	
	Dungeness ...	30.46	40	SSW	1	bc	30.35	-20	42	41	+10	SSW	3	bc	#	bc	#	47	30	-	
	North Foreland	30.49	40	S	2	b	30.35	-21	41	40	+5	SW	4	o	#	b, o	#	46	34	-	
	London (Brixton) ...	30.46	41	SSW	2	bm	30.35	-20	38	37	+3	SW	1	c	#	bm, b	#	51	29	-	
	Oxford ...	30.42	39	S	2	b	30.31	-25	38	37	+2	S	2	o	#	f, b	#	47	31	-	
PENINSULA.	Cambridge ...	30.45	42	SW	1	b	30.33	-22	34	34	+1	SSW	1	b	#	f, b	#	51	28	-	
	Yarmouth ...	30.42	45	NSW	3	b cm	30.30	-19	36	35	0	SW	3	bc	#	bc, b cm	#	47	32	-	
	Cuxhaven ...	30.42	34	SW	1	f	30.36	-05	31	30	-2	SW	2	o	#	f	#	37	30	-	
	Berlin ...	30.45	37	NW	3	b	30.47	+08	33	32	0	N	2	o	#	b	#	41	32	-	
	Wiesbaden ...	#	#	#	#	#	30.50	-10	28	25	+3	E	1	b	#	#	#	39	25	-	
	Munich ...	30.55	31	SE	2	b	30.53	-07	27	27	-4	S	2	f	#	b	#	36	25	-	
	The Helder ...	30.46	37	SW	1	b	30.35	-16	29	29	-7	S	1	b	#	b	#	41	28	-	
	Brussels ...	#	#	#	#	#	30.46	-16	31	30	+1	SSW	1	o	#	b	#	46	30	-	
	Cape Gris Nez ...	30.48	38	SW	1	bc	30.37	-07	37	36	0	S	3	m	#	bc	#	43	30	-	
	Paris ...	30.52	39	S	2	b	30.49	-07	30	30	+4	SSE	2	f	#	b	#	48	26	-	
FRANCE & BELGIUM.	Brest ...	30.41	46	SE	2	c	30.34	-14	45	43	+10	SE	2	m	#	c	#	45	32	-	
	Lorient ...	30.43	41	E	3	m	30.35	-09	41	38	+8	E	4	m	#	m	#	50	33	-	
	Rochefort ...	30.38	54	ESE	2	b	30.37	-05	44	44	+7	SSE	3	b	#	b	#	63	37	-	
	Belfort ...	30.52	37	E	1	m	30.52	-03	23	23	-5	SSW	2	m	#	m	#	45	29	-	
	Lyons ...	30.56	39	NW	1	m	30.54	-05	35	35	-2	SSE	1	f	#	m	#	47	35	-	
	Nice ...	30.50	47	Z	0	b	30.50	-02	41	40	0	Z	0	bc	#	b	#	57	39	-	
	Perpignan ...	30.50	50	Z	0	o	30.47	-03	43	43	-4	Z	0	b	#	o	#	54	42	-	
	Biarritz ...	30.32	55	E	2	bc	30.33	-05	50	46	+10	SSE	3	o	#	bc	#	57	40	-	
	Corunna ...	#	#	#	#	#	30.46	-16	31	30	+1	SSW	1	o	#	b	#	46	30	-	
	Lisbon ...	30.38	52	NW	3	b	30.40	+08	49	47	-1	NNE	3	b	#	b	#	61	46	-	
Azores (P. Delgada)	30.39	60	SW	4	bc	30.35	-04	59	56	0	S	5	c	#	bc	#	64	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 2.4 hrs; Brighton 7.5 hrs; Eastbourne 7.5 hrs; Hastings 8.1 hrs;

WEATHER CHARTS

FOR Thursday, 18th February, 1897.

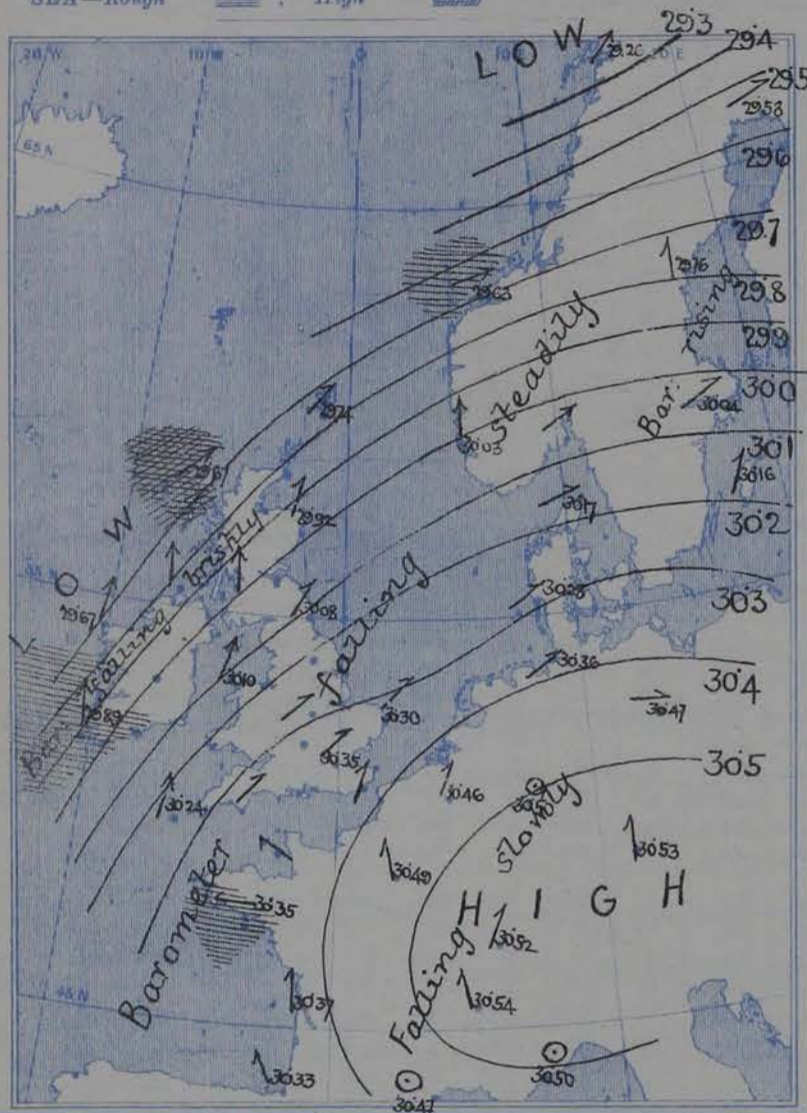
BAROMETER, WIND AND SEA.

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 FEBRUARY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.						RAINFALL			BRIGHT SUNSHINE.	
		Means of					Absolute Extremes.			Means, 1866—95.	Means, 1881—95.	
		Dry Bulb 8 A.M.	Wet Bulb 8 A.M.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	53	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	23
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrrossan	29.880	39.2	38.0	44.1	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	4.20	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	2.34	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	50	1884	16	1895	2.42	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	1.68	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	2.16	68.0	25
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	4.89	72.9	27
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.19	—	—
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 80	25	1895	2.62	79.0	29
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	—	—
Seilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	1.94	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	2.41	95.0	34
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.10	—	—
Hurst Castle	29.996	39.8	38.8	45.1	36.3	60	1877	17	1895	1.81	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.64	33.0†	12†
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.76	66.3	24
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.42	70.5	26
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.73	—	—
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	—	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.5 in: ^(and upwards) over an anticyclone lying over South Germany, and the east and south of France.
Lowest, 29.3 in: and less, in a depression off the extreme northwest of Norway; 29.7 in: and less, in another distant one lying to the westward of our Islands.
Gradients steep on our extreme western and northern coasts and also over Scandinavia, but moderate or slight elsewhere.
Barometers falling at all but the Swedish stations, - briskly in the west of Ireland.

TEMPERATURE

Highest, 50° at Yvelensis (Ireland) and Biarritz, 49° at Lisbon, 48° at Helmslet and Rock Point, and 47° at Sicily.
 Lowest, (1) 22° at Hapavanda, (2) 13° at Belfast, 11° at Munich and 18° at Karlsruhe; (3) 32° at York and 34° at Cambridge.
 Frost occurred last night in many parts of England; in London the thermometer on the grass fell to 25°.

WIND

S^1 or SW^1 over Northwestern Europe generally, and very strong in force over Ireland and the Hebrides. Light from the SE^{2nd} over the greater part of France, but calm in the extreme south of that country.

WEATHER

Fine in most parts of Great Britain, and also in Sweden and the south of France.
 Rainy in the south of Ireland, as well as at Norway and Bodø; snow reported at Inuvavut; foggy over Denmark and Central France.
 A lunar halo was seen yesterday at Dungeness.

SEA

High at Bonoway, rough in the south of Ireland, and rather rough at Chirkavrenud and faint, but slight or smooth elsewhere.



PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which is lying off our extreme western coast seems likely to travel northwards. Some further increase of wind is probable in the north and northwest of our Islands, with squally rainy weather. Over the southeastern parts of the Kingdom, however, the weather is likely to remain fair for the present.

FORECASTS

For the 24 hours ending at NOON on 19TH FEB^R 1897

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
ft 0	SCOTLAND NORTH	SW ² ₄ winds, increasing to a gale; squally, some rain.	ft 6	SCOTLAND WEST	S ² ₄ and SW ² ₄ winds, increasing to a gale; squally, some rain.
ft 1	SCOTLAND EAST	{ S ² ₄ and SW ² ₄ winds, freshening; fair at first, some rain later.	7	ENGLAND N.W.	{ S ² ₄ winds, strong; fair at first, some rain later.
2	ENGLAND N.E.		8	ENGLAND S.W.	
3	ENGLAND EAST	{ SW ² ₄ winds, freshening; fair generally.	ft 9	IRELAND NORTH	Same as No 6
4	MIDLAND COUNTIES		10	IRELAND SOUTH	Same as Nos 7 and 8.
5	ENGLAND SOUTH				
			WARNINGS		At 10 20 am to districts 0 and 6, and parts of 1 and 9 "Hoist South Cone".

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

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 ...	30.30	45	43	NW	2	b	2	Valencia ...	30.31	50	45	SSE	4	c	5
Sumburgh Head ...	30.09	44	44	W	3	o	5	Scilly ...	30.40	49	45	SE	4	c	5
Stornoway ...	30.08	47	45	SW	6	o	7	Jersey ...	30.48	44	40	ESE	3	b	3
Aberdeen ...	30.19	48	45	SW	2	c	1	Hurst Castle ...	30.49	46	44	SE	2	b	1
Shields ...	30.34	46	43	E	1	m	2	Dungeness ...	30.50	46	42	SSE	2	b	1
Ardrossan ...	30.29	44	43	S	3	o	2	North Foreland ...	30.52	45	43	S	2	b	1
Malin Head ...	30.22	48	45	SSW	3	c	2	London (Westminster) ...	30.49	51	45	SW	2	b	#
Belmullet ...	30.22	49	47	SSW	5	c	#	Yarmouth ...	30.45	46	44	SW	3	b	2
Holyhead ...	30.44	46	44	SSW	3	o	2	Rochefort ...	30.42	58	55	SE	2	b	#

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

Weather in morning fine in most parts of Great Britain, the Netherlands, and Southern Europe, but with fog or mist in places. Dull in Ireland and the coast and north of Scotland, as well as over northern, eastern and central Europe generally. Rain falling at Christiania and Heriö and snow over Lapland and Finland, as well as at Cracow and Lemberg. Rain falling later in Ireland and the Hebrides, no important change occurring elsewhere.

Temperature fallen over Great Britain, France and southern Europe, risen in most other localities, quickly over Sweden, northern Russia and the Baltic. Morning readings highest 57° at Malta and 55° at Palma, Algiers, La Calle and Tunis; above 50° at many of the Mediterranean and Spanish coast stations. Lowest -15° F at Moscow, -4° at Kharkov, +5° at Kiovia and 6° at St. Petersburg; below the freezing point over Central Europe, and just touching it at one or two of the English stations. Rising during day to 50° or slightly above it in several parts of the United Kingdom; exceeding 55° in the south of France, and reaching 61° at Lisbon.

Wind light to moderate from the SW² over the greater part of our islands and also in Scandinavia, but blowing a strong gale at Christiania. Moderates from the W² or NW² over Denmark, Germany and Austria; SW³ and the south of Russia, but SE³ in the north of that country. E³ (SE to NE) over Spain, France, and the English Channel; variable in Italy. Subsequently freshening from the SW² on our extreme northern coasts; no important change occurring elsewhere.

Barometer highest 30.6 in: and upwards over Belgium and Northern Germany; 30.2 in: and upwards, in an anticyclone covering our islands and all the more central and southern parts of the Continent. Lowest, 29.1 in: and less, in a depression lying off the northwest of Norway; secondary disturbances reported over Sweden and the Gulf of Bothnia. Anticyclone going away somewhat later, and new depression beginning to approach our extreme western coasts.

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, 19th February, 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.	Max.	Min.	
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
Haparanda ...		29.24	39	W	2	b	29.23	- .35	34	33	+ 12	W	4	b	#	b	#	37	3	-	
Hernösand ...		29.63	41	SSW	4	bc	29.67	- .09	37	35	0	SSW	2	b	#	bc	#	45	32	-	
Stockholm ...		29.88	38	SW	6	0	29.87	- .17	36	34	+ 2	W	6	c	#	0	#	45	32	-	
Wisby ...		30.06	35	WSW	4	0	30.03	- .13	33	32	- 1	WNW	4	0	#	0	#	37	30	-	
Karlstad ...		29.91	37	SW	4	0	29.94	- .10	35	34	- 4	SW	2	f	#	0	#	#	#	-	
Bodö ...		29.30	40	SW	8	bc	29.43	+ .17	39	36	- 1	W	7	c	#	bc	#	41	34	0.24	
Christiansund ...		29.63	41	WSW	6	r	29.73	+ .10	43	41	- 2	WSW	4	0	5	r	#	46	39	0.32	
Skudesnaes ...		29.93	39	S	6	f	29.93	- .10	39	39	0	S	4	f	3	g.f.	#	40	32	#	
Færder (Christiania Fjord)		29.97	37	SW	6	m	29.95	- .09	37	37	+ 1	SW	3	f	3	m	#	37	32	-	
Skagen (The Scaw)		30.09	34	WSW	3	f	30.06	- .11	37	37	+ 2	WSW	2	m	0	f	#	39	32	-	
Fanö ...		30.20	34	SSW	5	c	30.17	- .11	35	34	+ 2	SSW	4	m	#	f	#	37	32	0.04	
Sumburgh Head		29.62	44	SSW	3	0	29.73	- .01	43	42	- 1	SSW	3	0	5	0	#	45	40	0.10	
Stornoway ...		29.60	46	WSW	4	0	29.71	+ .04	47	46	+ 3	SW	5	r	5	r. b	#	47	35	0.15	
Wick ...		29.66	40	SW	2	c	29.77	- .00	44	43	0	SW	3	0	2	c	#	48	40	-	
Nairn ...		29.65	45	W	0	c	29.82	- .00	48	46	+ 3	WSW	1	c	1	c	#	50	40	-	
Aberdeen ...		29.76	43	S	4	oggy	29.89	- .03	42	40	+ 1	SW	2	cmw	2	c.oggy	#	45	35	-	
Leith ...		29.80	47	W	3	0	29.96	- .01	49	48	+ 5	W	2	0	#	0	#	50	42	-	
Shields ...		29.94	46	SSW	4	c	30.03	- .05	47	46	+ 8	SW	2	c	2	c	#	48	37	-	
Spurn Head ...		30.11	44	SSW	5	r	30.13	- .09	46	46	+ 9	SSW	4	c	3	bc. r	#	47	37	0.01	
York ...		30.04	46	S	3	0	30.06	- .11	48	47	+ 16	S	1	0	#	c. 0	#	44	32	0.01	
Loughborough ...		30.15	47	SSW	2	p	30.16	- .10	49	48	+ 14	SW	5	c	#	bc.opq	#	51	35	0.13	
Ardrossan ...		29.86	46	WSW	5	0	29.96	+ .01	46	46	+ 2	SSW	3	dm	2	c. 0	#	46	44	0.03	
Malin Head ...		29.84	45	W	5	ogm	29.92	+ .18	49	49	+ 5	S	4	ogm	2	r.ogm	#	49	43	0.01	
Belmullet ...		29.89	47	WSW	3	bc	29.94	+ .17	49	49	+ 1	SSW	4	0	#	opq. bc	#	50	44	-	
Donaghadee ...		29.91	48	WSW	5	c	30.02	+ .04	50	50	+ 7	WSW	4	0	3	c	#	50	41	0.05	
Liverpool (Bidston)		30.03	47	SSW	3	op	30.11	- .05	51	48	+ 16	SW	1	0	2	o. p	#	51	35	0.04	
Holyhead ...		30.01	47	SSW	7	g.f.	30.10	- .00	46	46	+ 4	SSW	4	f.d	3	r. g. dg	#	47	41	0.23	
Parsonstown ...		29.96	49	S	1	0	30.07	+ .14	51	50	+ 6	SE	1	0	#	o. r. d	#	53	45	0.08	
Valencia ...		29.97	52	S	2	om	30.08	+ .19	52	51	+ 2	S	4	og	4	om	#	53	49	0.19	
Roche's Point ...		30.02	49	SW	7	r	30.15	+ .10	50	50	+ 2	W	3	c	4	r. m	#	50	46	0.56	
Pembroke (St. Ann's Hd.)		30.10	44	SW	6	r	30.18	- .08	47	46	+ 3	WSW	5	f	5	b. r. f	#	47	42	0.52	
Seilly ...		30.20	50	S	5	om	30.23	- .01	50	50	+ 3	SSW	4	f	5	c. om	#	52	44	0.04	
Prawle Point ...		30.29	46	SW	4	c	30.30	- .01	47	47	+ 2	SSW	5	f	4	c. 0	#	49	44	0.02	
Jersey (St. Aubin's)		30.36	46	SSE	2	bcm	30.41	+ .03	46	45	+ 2	SW	4	om	3	f. bcm	#	46	41	-	
Hurst Castle ...		30.29	46	SW	4	bcm	30.32	- .02	46	45	+ 3	SSW	4	dm	3	bcm. bcm	#	49	43	0.01	
Dungeness ...		30.30	43	SW	3	b	30.32	- .03	43	43	+ 1	SSW	5	c	3	b. bf	#	48	40	0.01	
North Foreland		30.32	41	S	2	b	30.32	- .03	44	43	+ 3	S	3	0	2	bc. b	#	48	39	-	
London (Brixton) ...		30.27	45	SW	2	b	30.30	- .05	47	45	+ 9	SW	2	0	#	b. bc	#	55	37	-	
Oxford ...		30.25	45	SSW	3	r	30.25	- .06	47	47	+ 9	SSW	3	0	#	b. p	#	52	38	0.02	
Cambridge ...		30.23	43	SW	3	b	30.24	- .09	47	46	+ 13	SW	3	0	#	b	#	52	35	-	
Yarmouth ...		30.21	44	SSW	4	bc	30.23	- .07	45	44	+ 9	SW	3	bc. f	3	bc	#	48	34	-	
Cuxhaven ...		30.30	38	SW	3	bc	30.27	- .09	34	34	+ 3	SW	3	c	#	bc	#	39	31	-	
Berlin ...		30.40	37	SW	2	b	30.43	- .04	30	29	- 3	SSW	3	b	#	b	#	45	28	-	
Wiesbaden ...		#	#	#	#	#	30.54	+ .04	28	27	0	L	0	f	#	#	#	39	27	-	
Munich ...		30.49	33	S	2	b	30.54	+ .01	30	29	+ 3	SW	2	b	#	b	#	41	27	-	
The Helder ...		30.29	35	S	2	f	30.28	- .07	38	38	+ 9	SW	4	m	2	f	#	39	28	-	
Brussels ...		#	#	#	#	#	30.45	- .01	38	36	+ 7	SW	1	b	#	b	#	47	31	-	
Cape Gris Nez ...		30.30	45	SW	3	m	30.34	- .03	42	42	+ 5	SW	4	f	#	m	#	48	36	-	
Paris ...		30.45	43	S	2	b	30.47	- .02	31	31	+ 1	SSE	2	37	#	b	#	47	30	-	
Brest ...		30.33	48	SSW	2	c	30.37	+ .03	49	48	+ 4	S	3	0	5	c	#	49	?	-	
Lorient ...		30.39	45	S	3	m	30.37	+ .02	47	45	+ 6	SSW	3	c	4	m	#	55	44	-	
Rochefort ...		30.39	54	SSW	3	b	30.41	+ .04	41	41	- 3	S	2	45	#	b	#	59	39	-	
Belfort ...		30.49	34	WSW	3	c	30.51	- .01	32	30	+ 9	E	1	37	#	c	#	43	23	-	
Lyons ...		30.49	46	L	0	bc	30.56	+ .02	35	35	0	SSW	1	0	#	b	#	48	35	-	
Nice ...		30.49	46	L	0	bc	30.49	- .01	42	35	+ 1	NE	3	0	2	bc	#	54	39	-	
Perpignan ...		30.47	50	NE	2	0	30.48	+ .01	48	48	+ 5	N	1	0	#	0	#	54	43	-	
Biarritz ...		30.49	53	WNW	2	b	30.42	+ .09	46	43	- 4	SSW	2	b	2	b	#	63	45	-	
CORUNNA		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Lisbon ...		30.44	52	WNW	4	bc	30.43	+ .03	51	47	+ 2	NE	1	c	#	bc	#	61	48	-	
Azores (P. Delgada)		30.33	61	SSW	5	0	30.38	+ .03	59	57	0	S	4	c	3	0	#	64	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 2.3 hrs; Brighton 8.9 hrs; Eastbourne 6.5 hrs; Hastings 8.4 hrs;

WEATHER CHARTS

FOR Friday, 19th February, 1897.

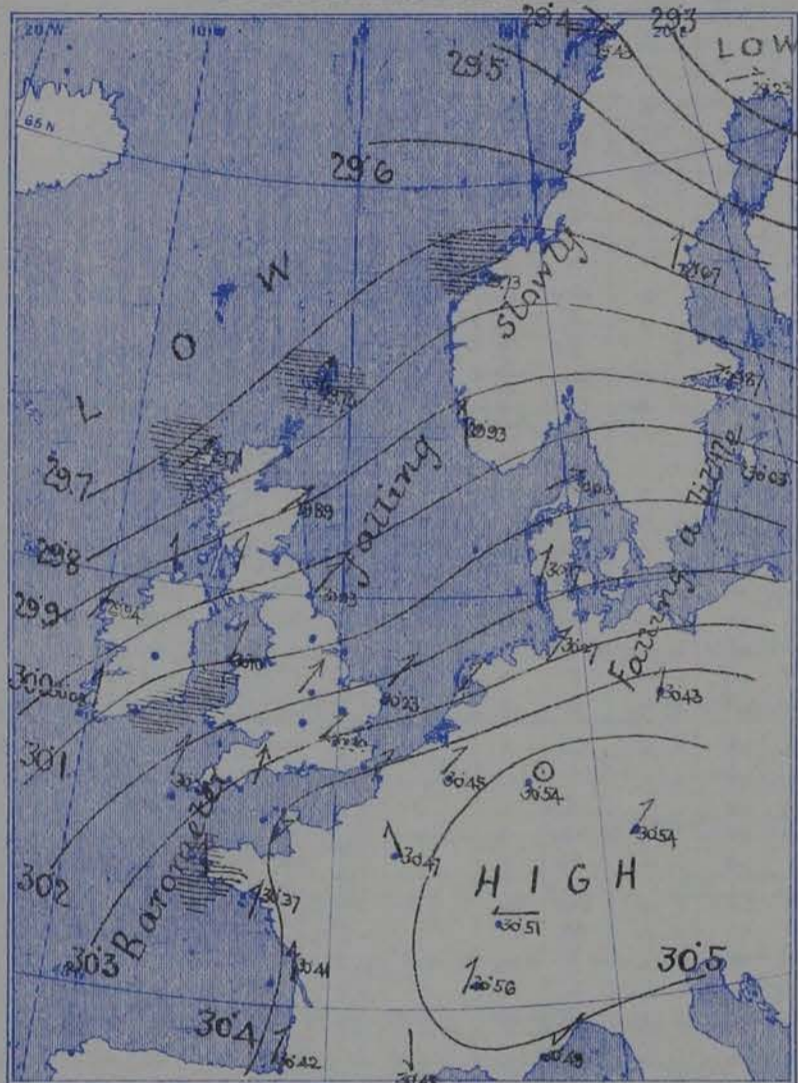
BAROMETER, WIND AND SEA.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.5 in. and upwards, in an anticyclone lying over South Germany and the neighbouring parts of France.
 Lowest, 29.3 in. and less, in a depression over Lapland, 29.8 in. and less in the extreme north of Scotland.
 Gradients moderate generally, but slight over France and Germany.
 Barometer rising in most parts of our area, but falling a little in Denmark and the south of Scandinavia.

TEMPERATURE

Highest, 52° at Valencia (Ireland) 51° at Liverpool, Portsmouth and Lisbon, and 50° at Donaghadee, Rotherhithe, and Scilly.
 Lowest, 28° at Wiesbaden, 30° at Berlin and Munich, 31° at Paris, 32° at Belfast, 33° at Wexford, and 34° at Hafnarvader and Keshavart.
 During yesterday the thermometer rose to 50° and upwards in many parts of the United Kingdom and to 55° in London.

WIND

Light to fresh from the SW^{ly} over the greater part of northwestern Europe, but S^{ly} in the west of Ireland, and W^{ly} in the north of Scandinavia.
 Light from the S^{ly} in the west of France; calm or variable in the south of that country.

WEATHER

Cloudy or dull generally, with fog or mist in many places, and with rain at some of our western and southern stations.
 Fine in the south of France and also in Germany and the northern parts of Sweden.
 Since yesterday morning rain has fallen in many parts of Ireland and England, as well as in the north of Scotland and west of Norway, the largest amounts being 0.6 in. at Rotherhithe and 0.5 in. at Pembroke.

SEA

Rather rough at the mouths of the Bristol and English Channels and also off the north of Scotland and the coast of Norway, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The conditions remain favourable for the advance of depressions towards our western coasts, and increasing S^{ly} winds are therefore probable in those regions, with mild changeable weather over the country generally.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
ft 0 SCOTLAND NORTH	SW ^{ly} winds, increasing in force; mild, dull, some rain.	ft 6 SCOTLAND WEST	S ^{ly} winds, increasing in force; dull, some rain.
ft 1 SCOTLAND EAST	SW ^{ly} winds, moderate; fair at first, some rain later.	7 ENGLAND N.W.	SW ^{ly} to S ^{ly} winds, freshening; dull, foggy, some rain.
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		ft 9 IRELAND NORTH	Same as No 6.
4 MIDLAND COUNTIES	S ^{ly} and SW ^{ly} winds, moderate or fresh; mild, cloudy, rain at times.	10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	The South Cone is still flying in districts 0, 6, and parts of 1 and 9.

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

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 ...	30.01	40	39	SSW	6	0	5	Valencia ...	29.92	53	53	SW	4	om	6
Sumburgh Head ...	29.65	44	43	SW	3	0	4	Scilly ...	30.22	50	48	S	5	om	4
Stornoway ...	29.58	45	44	SW	7	0	8	Jersey ...	30.36	45	44	SE	3	f	3
Aberdeen ...	29.82	43	43	S	4	ogg	3	Hurst Castle ...	30.30	49	46	SSW	2	bm	1
Shields ...	29.98	47	42	SSW	3	e	2	Dungeness ...	30.31	47	44	SSW	3	b	2
Ardrossan ...	29.78	45	45	S	7	c	5	North Foreland	30.34	45	44	S	3	bc	2
Malin Head ...	29.67	46	45	WSW	8	r	5	London (Westminster)	30.27	55	49	S	2	bc	#
Belmullet ...	29.85	50	48	W	3	0	#	Yarmouth ...	30.23	48	45	SSW	4	bc	3
Holyhead ...	30.00	46	45	S	7	ggmr	5	Rocheport ...	30.38	55	55	S	4	b	#

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

Weather in morning fine in most parts of Great Britain, as well as over Finland, Sweden, the Baltic, and the greater part of Southern Europe. Raining in the south of Ireland, as well as in the Hebrides and at Bodø; snow reported at Haparanda and Petersburg. Foggy in many parts of Denmark, Germany and France; dull over Austria and the south of Russia, with rain at Ruda Rukh and Kiev. Rain falling later in many parts of Ireland and England, as well as in the north of Scotland and the west of Norway, - amount large at some of our southwestern stations.

Temperatures risen quickly in Russia and to a smaller extent in Austria and also over the United Kingdom and the west of France, fallen or changed irregularly elsewhere. Morning readings highest 59° at Sfax and 55° at Cagliari, Algiers, and La Cella; above 50° at several of the Mediterranean stations, and just touching it at Valencia (Ireland). Lowest -6° F. at Archangel, +3° at Moscow, 8° at Uleaborg and 14° at Kuopio; below the freezing point in most parts of eastern and central Europe. Raining during day to 50° and upwards in many parts of our Islands and to 55° in London; reaching 61° at Lenton and 63° at Biarritz.

Wind S or SW over northwestern Europe generally; light to fresh in force as a rule, but very strong in Ireland and the Hebrides. NW over the western parts of Russia and also in Italy; W in Austria; calm or variable in the south of France; NE over the greater part of the Spanish Peninsula. Subsequently increasing to a gale or some of the more exposed parts of our northwestern coasts; no important change occurring elsewhere.

Barometer highest 30.5 in. and upwards over Italy, Switzerland, South Germany, and the east of France; 30.3 in. and upwards in an anticyclone covering the whole of central and southern Europe. Lowest 29.3 in. and less, in a depression off the northwest of Norway; 29.7 in. and less, in another disturbance lying to the westward of our Islands. Latter system moving northwards later, and barometer rising again on our western coasts.

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, 20th February, 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.		
		Ins.	°				Ins.	Ins.	°	°							°	°	Ins.		
SCANDINAVIA.	Haparanda ...	29.71	24	Z	0	0	29.41	+18	33	32	-1	SSW	2	0	#	0	#	39	23	-	
	Hernösand ...	29.77	36	Z	0	6	29.62	-05	37	35	0	S	2	6	#	6	#	45	34	-	
	Stockholm ...	29.97	39	W	2	0	29.84	+02	38	37	+2	WSW	4	0	#	0	#	39	36	-	
	Wisby ...	30.12	36	W	4	0	30.05	+02	36	36	+3	WSW	4	0	#	0	#	37	28	-	
	Karlstad ...	29.99	36	SSW	2	f	29.87	-07	35	35	0	S	2	0	#	f	#	#	#	-	
	Bodo ...	29.47	36	SW	2	0	29.25	-18	43	42	+4	SW	7	r	5	0	#	43	34	1.34	
	Christiansund ...	29.60	49	WSW	5	0	29.53	-07	48	44	+5	WSW	8	0	5	0	#	49	43	0.24	
	Skudesnaes ...	29.97	40	S	4	0	29.81	-12	40	40	+1	S	6	f	4	5.0	#	41	37	#	
	Færder (Christiania Fjord)	29.99	37	SW	1	f	29.83	-12	37	37	0	SW	3	f	3	5.5	#	37	37	-	
	Skagen (The Scaw)	30.11	34	WSW	3	f	29.95	-11	37	37	0	SW	3	f	0	5.5	#	39	34	0.04	
	Fanø ...	30.19	34	SSW	3	f	30.05	-12	35	35	0	SSW	4	m	#	f	#	36	34	-	
	Sumburgh Head	29.66	46	WSW	3	0	29.60	-13	45	43	+2	WSW	3	0	4	0	#	47	42	-	
Stornoway ...	29.65	49	SSW	8	TM	29.71	-00	43	42	-4	W	4	0	4	0.1	0.5	50	40	0.13		
Wick ...	29.69	46	S	1	0	29.71	-06	44	42	0	W	4	0	2	0	#	52	42	-		
Nairn ...	29.74	55	W	3	c	29.77	-05	44	42	-4	WSW	1	bc	1	c	#	57	42	0.01		
Aberdeen ...	29.87	51	SSW	4	c	29.84	-05	45	42	+3	SW	2	cm	2	cq. c	1.2	55	42	-		
Leith ...	29.92	52	W	2	0	29.92	-04	47	45	-2	W	3	c	#	0	#	56	45	-		
Shields ...	30.02	52	SW	2	bc	29.98	-05	49	47	+2	WSW	3	0	2	c. bc	#	55	46	-		
Spurn Head ...	30.11	47	SW	4	om	30.06	-07	45	45	-1	WSW	4	0	3	c. om. r	#	52	45	0.35		
York ...	30.10	52	WSW	1	0	30.05	-01	49	47	+1	W	2	c	#	0	0.0	53	47	0.07		
Loughborough ...	30.17	52	SW	3	0	30.11	-05	49	48	0	WSW	2	agmp	#	cq. p. r	#	53	49	0.28		
BRITISH ISLANDS.	Ardrossan ...	29.94	48	S	3	0	29.94	-02	45	44	-1	SW	3	c	2	0	#	48	44	0.02	
	Malin Head ...	29.85	50	S	6	0	29.94	+02	43	42	-6	WSW	3	6	3	c. 0	#	52	41	0.02	
	Belmullet ...	29.91	52	WSW	4	cq	30.06	+12	45	43	-4	WSW	4	0	#	c. cq	#	52	41	0.06	
	Donaghadee ...	29.99	51	SW	5	0	30.04	+02	43	42	-1	WSW	4	6	2	0	#	54	44	-	
	Liverpool (Bidston)	30.11	51	SW	3	0	30.11	-00	46	44	-5	WSW	4	0	3	bc. 0	#	52	46	-	
	Holyhead ...	30.10	47	SSW	4	f	30.13	+03	45	44	-1	SW	4	cm	3	f	#	47	43	-	
	Parsonstown ...	30.03	53	SW	2	r	30.14	+07	44	43	-1	W	1	6	#	r. c	0.0	57	42	0.03	
	Valencia ...	30.07	53	SSW	3	om	30.21	+13	46	44	-6	SW	3	6	6	om. m	0.0	54	45	0.01	
	Roche's Point ...	30.12	49	SW	4	r	30.22	+07	45	44	-5	W	3	6	4	r. m. b	#	50	43	0.15	
	Pembroke (St. Ann's Hd.)	30.18	47	SW	4	f	30.21	+03	46	46	-1	WSW	3	f	4	0. f	0.0	47	45	0.06	
	Scilly ...	30.24	50	S	3	f	30.27	+04	49	49	-1	W	4	0	5	f	0.0	51	48	0.24	
	Prawle Point ...	30.30	47	SW	3	f	30.24	-06	47	47	0	W	3	c	3	f	#	48	46	0.71	
Jersey (St. Aubin's)	30.37	50	S	3	om. p	30.29	-12	48	48	+2	SSW	5	0	4	m. p. f	#	50	45	0.36		
Hurst Castle ...	30.30	45	SW	4	f	30.20	-12	45	45	-1	SW	5	2	3	f. 2	#	47	44	0.28		
Dungeness ...	30.30	45	SSW	4	f. m	30.22	-10	45	44	+2	SSW	4	0	3	c. m. f	#	46	42	0.01		
North Foreland	30.28	47	SSW	4	0	30.23	-09	46	45	+2	S	4	0	3	0	#	49	42	-		
London (Brixton) ...	30.27	49	SW	2	om	30.19	-11	47	46	0	WSW	2	0	#	0.2. 0	0.0	51	46	0.12		
Oxford ...	30.24	50	SSW	2	0	30.16	-09	49	48	+2	SW	0	0	#	0	#	52	47	0.40		
Cambridge ...	30.23	51	SW	4	0	30.15	-09	48	47	+1	SW	3	0	#	0	0.0	52	46	0.16		
Yarmouth ...	30.19	48	SSW	4	c	30.12	-11	47	46	+2	SW	5	0	3	c	#	50	42	0.06		
GERMANY & HOLLAND.	Cuxhaven ...	30.28	37	SW	2	0	30.19	-08	39	39	+5	SW	2	0	#	0	#	44	34	-	
	Berlin ...	30.42	38	SSW	3	6	30.38	-05	33	32	+3	SSW	3	0	#	6	#	45	30	-	
	Wiesbaden ...	#	#	#	#	#	30.46	-08	27	27	-1	Z	0	0	#	#	#	37	27	-	
	Munich ...	30.52	34	SE	2	6	30.49	-05	29	28	-1	SW	1	6	#	6	#	46	27	-	
	The Helder ...	30.25	41	SW	5	r	30.18	-10	41	41	+3	SW	5	0	2	r	#	41	37	0.04	
	Brussels ...	#	#	#	#	#	30.35	-10	39	39	+1	SSW	3	c	#	0	#	51	36	-	
FRANCE & BELGIUM.	Cape Gris Nez ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-	
	Paris ...	30.46	41	NE	1	bc	30.44	-03	34	34	+3	SSW	2	4	#	bc	#	44	31	-	
	Brest ...	30.34	48	SSW	3	r	30.34	-03	50	50	+1	SW	3	4	3	r	#	50	46	-	
	Lorient ...	30.42	46	Z	0	f	30.37	-00	49	46	+2	SSW	4	4	4	f	#	52	45	0.20	
	Rochefort ...	30.40	45	WSW	2	f	30.43	+02	42	41	+1	SW	3	4	#	m. f	#	54	39	-	
	Belfort ...	30.44	46	ESE	2	m	30.46	-05	34	32	+2	Z	0	4	#	m	#	53	31	-	
PENIN- SULA.	Lyons ...	30.51	38	WSW	1	f	30.52	-04	33	33	-2	SE	1	4	#	f	#	46	33	-	
	Nice ...	30.42	48	S	1	c	30.38	-11	54	51	+12	E	2	4	#	c	#	57	42	-	
	Perpignan ...	30.45	57	S	1	0	30.40	-08	53	47	+5	W	2	0	#	0	#	59	48	-	
	Biarritz ...	30.37	51	NE	3	6	30.41	-01	45	46	+3	SW	3	0	2	6	#	57	46	-	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-	
	Lisbon ...	30.46	53	H	4	6	30.53	+10	50	49	-1	NNE	3	6	#	6	#	63	48	-	
Azores (P. Delgada)	30.49	60	S	4	0	30.50	+12	59	59	0	SSW	4	c	#	0	#	64	55	-		

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; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.0 hrs;

WEATHER CHARTS

FOR *Saturday, 20th February, 1897.*

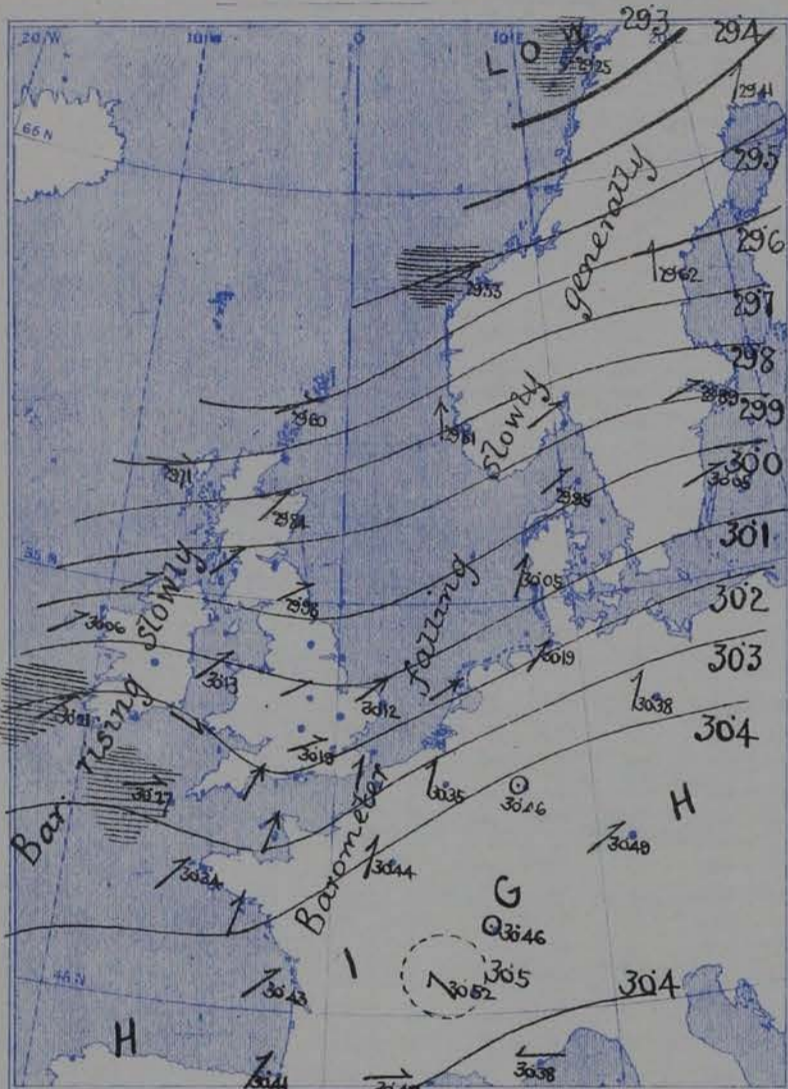
BAROMETER, WIND AND SEA.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—	
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25	
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—	
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—	
Aberdeen	29.853	36.0	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28	
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—	
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—	
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—	
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22	
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—	
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—	
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—	
Behmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—	
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—	
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—	
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—	
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25	
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27	
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—	
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29	
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—	
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—	
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34	
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—	
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—	
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†	
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24	
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26	
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—	

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.52 in. at Lyons; 30.51 in. at Lisbon; 30.4 in. and upwards in an anticyclone covering the whole of the Spanish Peninsula, and extending over the greater part of France and South Germany.
 Lowest, 29.3 in. and less, in a depression lying off the northwest of Norway.
 Gradients moderate generally, but slight over France and the Spanish Peninsula.
 Barometer rising in all but the southern part of our Islands, falling a little in most other parts of our area.

TEMPERATURE

Highest, 54° at Nice, 53° at Perpignan, 50° at Brest and Lisbon, and 49° at Shields, York, Loughborough, Oxford, Selly, Jersey, and Bournemouth.
 Lowest, (1) 27° at Wiesbaden, 29° at Munich, and 33° at Berlin and Lyons; (2) 33° at Haparanda and 35° at Harstad.
 During yesterday the thermometer rose to 50° and upwards over nearly the whole of our Islands; to 55° and upwards at several of the Irish and Scotch stations, and to 57° at Naum and Parosmora.

WIND

SW or W over Western Europe generally; light or moderate in force in most places, but strong to a gale in the west of Norway.
 Calm or variable in the east and south of France; light from the N. at Lisbon.

WEATHER

Fine at several of the Irish and Scotch stations and also in Germany.
 B. in most other parts of our area, with fog or mist at several of the Continental stations, and with rain over the southern part of England, the north of France, and the west of Norway.
 Since yesterday morning rain has fallen over nearly the whole of England and the south of Ireland, as well as in the north of Scotland and the west of Norway, the largest amounts being 1.3 in. at Brest and 0.7 in. at Braue Point.

SEA

Rough at Valencia (Ireland) and rather rough at Selly, as well as off the west of Norway, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A shallow secondary depression is at present lying over England. As it passes away to the eastward the weather is likely to improve temporarily. There are at present, however, no signs of any settled weather.

FORECASTS

For the 24 hours ending at NOON on 21ST FEB: 1897.

DISTRICTS.

FORECASTS.

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

W^{ly} and SW^{ly} winds, moderate or fresh; dull, some rain.
 W^{ly} and SW^{ly} winds, moderate, mild, changeable, some showers.
 SW^{ly} to W^{ly} winds, moderate; dull and rainy at first, improving temporarily later.

DISTRICTS.

FORECASTS.

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

Same as Nos 1 and 2

W^{ly} to SW^{ly} winds, moderate or fresh; fair at first, some rain later.

SW^{ly} to S^{ly} winds, freshening; fair at first, some rain later.

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	30.01	40	39	S	2	f	2	Valencia	30.07	53	53	S	5	o m a	6
Sumburgh Head	29.71	46	45	WSW	2	o	4	Scilly	30.26	51	50	SSW	3	f	5
Stornoway	29.69	50	49	SW	6	o	6	Jersey	30.39	49	48	SSW	3	o	3
Aberdeen	29.88	50	47	SSW	4	c g	2	Hurst Castle	30.32	46	46	SW	4	5 2	3
Shields	30.03	55	52	SW	3	c	2	Dungeness	30.32	45	44	SW	5	c	4
Ardrossan	29.96	47	46	SSW	3	o	2	North Foreland	30.31	48	48	SSW	4	o	3
Malin Head	29.86	52	51	S	5	c	3	London (Westminster)	30.28	51	49	SW	2	o d	#
Belmullet	29.92	51	50	SW	4	o	#	Yarmouth	30.21	50	49	SSW	3	c	3
Holyhead	30.12	47	47	SSW	4	f	3	Rocheport	30.43	50	50	N	2	? m	#

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 and the Continent, with fog or mist in many places, with rain at several of our own western and southern stations, and with snow at Archangel. Fine over Italy, and the extreme southern parts of France and Spain, as well as at some of the German and Swedish stations. Rain falling later over nearly the whole of England and the south of Ireland, as well as in the north of Scotland and the west of Norway.

Temperature rising over all but the southerly and central parts of Europe—quickly over northern Russia. Morning readings highest 59° at La Calle and Sfax and 55° at Cagliari and Algiers; above 50° at most of the Mediterranean stations as well as in some parts of Ireland and the northwest of England. Lowest 15° at Humenstadt, 22° at Charkov, 27° at Ruda berth, slightly below the freezing point over Germany and central France. Rising during day to 50° and upwards over the United Kingdom generally, and to 55° and upwards in Scotland and Central Ireland, as well as in the south of France, and reaching 63° at Lisbon.

Wind light to fresh from the SW² over our Islands and all the more northern and central parts of the Continent. Calm in Archia, variable in Italy, NE³ over the Spanish Peninsula and the extreme south of France. Subsequently increasing to a gale from the SW² in the Helbrides; shifting to the N² in the southwest of France.

Barometer highest 30.5 in: and upwards over Italy, Switzerland, South Germany, and the eastern and central parts of France; 30.3 in: and upwards in an anticyclone embracing the entire southern half of Europe. Lowest 29.1 in: and less, in a depression over the Black Sea. New disturbances subsequently striking our extreme northern coasts, and passing on to the northwest of Norway.

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. mist; (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, 21st February, 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 2.)	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.
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
Haparanda ...	29.28	37	WSW	4	0	29.33	- .08	26	25	- 7	Z	0	b	#	0	#	39	19	-		
Hernösand ...	29.50	37	Z	0	r	29.56	- .06	33	31	- 4	Z	0	b	#	r	#	45	34	0.39		
Stockholm ...	29.70	39	W	2	0	29.71	- .18	37	35	- 1	WSW	2	0	#	0	#	41	37	-		
Wisby ...																					
Karlstad ...	29.70	37	S	2	0	29.74	- .13	34	32	- 1	SSW	2	b	#	0.7	#	#	#	-		
Bodö ...	29.34	37	E	1	b	29.27	+ .02	36	34	- 7	W	2	0	1	b	#	43	34	0.28		
Christiansund ...	29.54	42	WSW	6	b	29.50	- .03	36	35	- 12	W	6	r	6	b	#	48	36	0.12		
Skudesnaes ...	?	40	WSW	2	b	29.68	- .13	39	39	- 1	SW	2	r	2	r, b	#	41	37	#		
Færder (Christiania Fjord) ...	29.73	38	W	3	m	29.73	- .10	36	36	- 1	SW	3	m	3	m	#	38	36	0.08		
Skagen (The Seaw) ...	29.85	37	W	3	f	29.82	- .13	35	35	- 2	W	1	m	0	f	#	39	34	-		
Fano ...	30.04	35	SSW	4	m	29.81	- .24	35	34	0	SSW	4	r	#	f	#	36	32	0.08		
Suniburgh Head ...	29.64	42	WSW	3	0	29.76	+ .16	38	35	- 7	WNW	4	b	4	c	#	46	36	0.13		
Stornoway ...	29.65	43	WSW	7	0	30.01	+ .30	39	37	- 4	WNW	3	0	3	p, o	5.3	47	35	0.14		
Wick ...	29.70	44	S	2	0	29.94	+ .23	40	40	- 4	WNW	7	p, b	3	0	#	48	38	0.10		
Nairn ...	29.72	43	SW	2	c	30.00	+ .23	39	38	- 5	W	2	c	1	c	#	49	34	0.09		
Aberdeen ...	29.53	45	SW	3	cq	29.99	+ .15	41	37	- 4	WNW	6	b, c	4	cq	4.5	53	39	0.04		
Leith ...	29.83	47	WSW	2	0	30.10	+ .18	42	39	- 5	W	3	c	#	0	#	51	38	-		
Shields ...	30.01	47	SSW	2	cm	30.11	+ .13	42	39	- 7	WSW	3	c	2	c, r	#	53	39	0.12		
Spurn Head ...	30.12	43	WSW	4	b	30.11	+ .05	42	40	- 3	WNW	6	b	5	b, r	#	48	42	0.09		
York ...	30.11	48	WSW	2	c	30.19	+ .14	44	41	- 5	W	2	b	#	c	3.5	52	42	0.04		
Loughborough ...	30.18	48	SW	2	b	30.21	+ .10	43	40	- 6	WNW	7	c	#	c, b, o	#	57	42	0.06		
Ardrossan ...	29.84	45	S	4	r	30.16	+ .22	44	42	- 1	WNW	5	b	3	b, r	#	46	42	0.08		
Malin Head ...	29.64	45	S	7	rw	30.23	+ .29	44	43	+ 1	W	4	o	2	o, r	#	46	42	0.35		
Belmullet ...	29.78	50	WSW	8	opq	30.37	+ .31	47	46	+ 2	W	3	o	#	o, r, opq	#	50	42	0.06		
Donaghadee ...	29.89	46	SSW	4	r	30.28	+ .24	40	39	- 3	W	4	b	3	r	#	51	39	0.08		
Liverpool (Bidston) ...	30.13	48	WSW	4	0	30.27	+ .16	42	40	- 4	WSW	6	b	6	o	#	51	41	0.05		
Holyhead ...	30.06	46	SSW	4	0	30.35	+ .22	43	42	- 2	W	6	c	5	c, o	#	49	42	0.11		
Parsonstown ...	29.96	50	SW	3	0	30.40	+ .16	42	40	- 2	SW	1	o	#	b, o	4.0	52	40	0.12		
Valencia ...	30.11	52	SW	7	om	30.47	+ .16	50	48	+ 4	SW	1	omg	4	r, om	2.1	53	45	0.08		
Roche's Point ...	30.15	50	WSW	5	rm	30.50	+ .28	45	43	0	W	3	b	4	rm	#	51	43	0.06		
Pembroke (St. Ann's Hd.) ...	30.22	46	WSW	4	0	30.41	+ .20	46	44	0	WNW	5	c	5	b, o	4.6	48	44	-		
Scilly ...	30.35	50	SW	4	c	30.53	+ .23	49	47	0	WNW	4	c	6	b, c	6.5	52	47	0.01		
Prawle Point ...	30.37	46	WSW	4	c	30.47	+ .23	44	42	- 3	WNW	4	c	3	cm	#	52	43	0.01		
Jersey (St. Aubin's) ...	30.43	49	W	5	cm	30.48	+ .19	48	47	0	W	4	om	3	fg, cm	#	52	47	0.04		
Hurst Castle ...	30.32	46	WSW	3	b, m	30.37	+ .17	45	42	0	WNW	4	c	3	b, m	#	49	42	0.05		
Dungeness ...	30.26	44	SW	3	c	30.44	+ .02	45	42	0	W	4	c	3	c	#	49	42	0.05		
North Foreland ...	30.28	50	SW	2	c	30.23	- .03	44	42	- 2	W	5	b	4	c	#	51	42	0.04		
London (Brixton) ...	30.28	48	SW		b, m	30.28	+ .09	46	41	- 1	WNW	4	c	#	o, r, c	0.2	54	44	0.09		
Oxford ...	30.25	45	WNW	2	c	30.32	+ .16	43	40	- 6	W	3	o	#	c	#	55	43	0.02		
Cambridge ...	30.24	46	SW	1	b	30.22	+ .07	44	41	- 4	WNW	5	o	#	b	1.8	55	43	0.09		
Yarmouth ...	30.17	49	WSW	3	c	30.06	- .06	44	40	- 3	WNW	7	cq	4	c	#	50	41	0.13		
Cuxhaven ...	30.17	41	SW	4	0	29.90	- .29	41	41	+ 2	SSW	4	r	#	0	#	41	37	0.12		
Berlin ...	30.30	40	SW	3	b	30.16	- .12	38	37	+ 5	SW	3	r	#	b	#	48	33	-		
Wiesbaden ...	#	#	#	#	#									#	#	#	#	#	#		
Munich ...	30.47	35	E	1	b	30.41	- .08	33	33	+ 4	SW	3	c	#	b	#	48	29	-		
The Helder ...	30.18	40	SW	3	0	29.84	- .34	41	39	0	WSW	8	r	4	0	#	43	40	0.20		
Brussels ...	#	#	#	#	#	30.20	- .15	45	44	+ 6	SW	5	c	#	0	#	48	38	0.08		
Cape Gris Nez ...	30.24	44	SW	2	f	30.21		43	43		W	5	o	5	f	#	48	39	-		
Paris ...	30.47	49	SW	2	o	30.43	- .01	46	43	+ 12	WSW	3	o	#	o	#	51	34	-		
Brest ...	30.47	50	WNW	1	b	30.52	+ .18	51	50	+ 1	W	2	o	6	b	#	52	45	-		
Lorient ...	30.47	46	WNW	5	m	30.51	+ .14	48	46	- 1	WNW	5	m	5	m	#	55	45	0.16		
Rochefort ...	30.51	50	SW	4	r	30.52	+ .09	50	50	+ 8	WNW	4	o	#	r	#	52	42	0.12		
Belfort ...	30.45	45	WSW	1	m	30.46	- .00	36	35	+ 2	W	2	m	#	m	#	54	33	-		
Lyons ...	30.51	42	W	1	m	30.57	+ .05	40	37	+ 7	N	1	o	#	m	#	46	38	-		
Nice ...	30.41	49	SW	2	c	30.39	+ .01	48	44	- 6	Z	0	b	2	c	#	57	45	-		
Perpignan ...	30.48	54	N	2	0	30.52	+ .12	50	44	- 3	WNW	3	c	#	o	#	61	48	0.08		
Biarritz ...	30.51	51	W	3	r	30.64	+ .23	52	49	+ 3	WNW	4	o	5	r	#	57	48	0.20		
Corunna ...															#	#	#	#	#		
Lisbon ...	30.58	53	NNW	5	b	30.67	+ .14	47	47	- 3	NNE	4	f	#	b	#	63	46	-		
Azores (P. Delgada) ...	30.56	60	SSE	4	b	30.56	+ .06	59	57	0	SSE	4	b	4	b	#	64	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 4.7 hrs; Brighton 2 hrs; Eastbourne 0.0 hrs; Hastings ? hrs;

WEATHER CHARTS

FOR SUNDAY, 21st FEBRUARY, 1897.

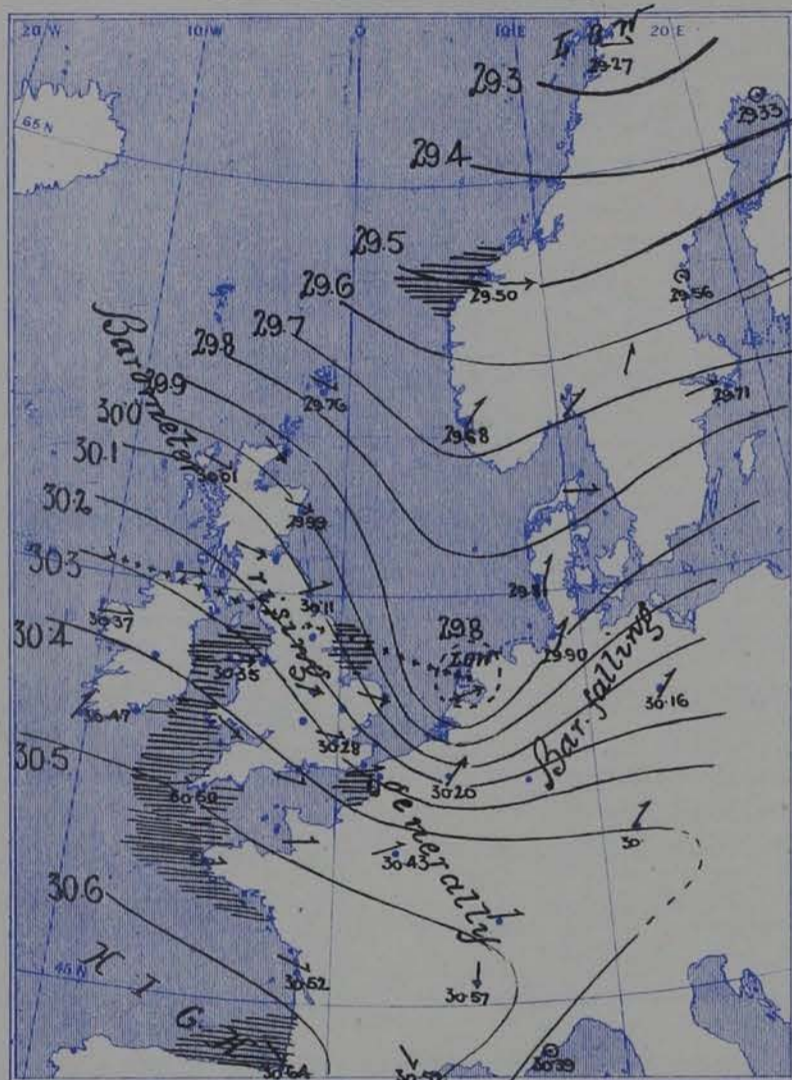
BAROMETER, WIND AND SEA.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.6 in: and more over the Spanish Peninsula, and exceeding 30.3 in: over the southern part of our Islands, the coast of France and North Germany.
Lowest, 29.3 in: and less over Lapland, and about 29.8 in: in a small well marked secondary depression off the north coast of Holland.

Gradients very steep over the Netherlands, rather so over our eastern counties, moderate over the northeast of Great Britain, slight elsewhere.

Barometer rising fast over our Islands, the coast of France and Spain, falling over North Germany.

TEMPERATURE

Highest, 52° to 50° along the coast of France, 50° at Valencia (Ireland), 49° at Scilly, and 47° at Helmslet.

Lowest (1) 26° at Haparanda, 33° to 37° at the Swedish stations (2) 33° at Munich, 36° at Belfast, 38° at Berlin; (3) 39° to 41° in the northeast of Scotland, 42° at Shields, Spennitham, and Liverpool.

WIND

(1) SW over Germany, Holland, and the eastern shores of the North Sea, and blowing a gale at the Helder.

(2) NW to W, strong and equally over Great Britain, but

3 W to SW, moderate to light over Ireland.

It has blown very hard from between SW and NW on our northeast and northwest coasts during the night. At Donaghadee force 10 from SW was recorded.

WEATHER

Changeable and somewhat unsettled in our Islands generally, but tending to improve; rainy over the Netherlands and North Germany, and in the coast of Norway, fine over Sweden.

Rain has fallen in small quantities over our Islands generally; at Malin Head 0.35 in: was measured.

Bright Sunshine yesterday 6.5 hrs at Scilly, 5.3 hrs at Penmynydd, 4.6 hrs at Llandudno, 4.5 hrs at Aberdeen, 4 hrs at Bananabon, 3.5 hrs at York, 2.1 hrs at Valencia, 1.8 hrs at Cambridge, 0.2 hr in London.

SEA

Light along our southern coast, moderate to rough elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 22nd Feb^y 1897.

DISTRICTS.

FORECASTS.

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

None issued

DISTRICTS.

FORECASTS.

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

WARNINGS

None issued

At 3.45 pm yesterday to districts 6, 9 and 10 and at 7.0 pm to districts 0, 1, 7, 8 and 10 '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 ...	29.81	41	41	SW	4	r	3	Valencia ...	30.17	50	49	S	4	r	6
Sumburgh Head ...	29.65	45	43	WSW	3	c	4	Scilly ...	30.35	51	49	WSW	3	bc	6
Stornoway ...	29.74	47	43	W	7	o	7	Jersey ...	30.39	51	50	W	5	c	4
Aberdeen ...	29.87	50	42	SW	3	bcy	2	Hurst Castle ...	30.29	50	48	W	2	cm	2
Shields ...	30.03	52	46	WSW	3	c	2	Dungeness ...	30.23	46	46	SW	3	o	2
Ardrossan ...	29.98	45	44	SW	4	b	3	North Foreland ...	30.25	48	49	SW	4	o	3
Malin Head ...	29.92	46	44	W	6	o	3	London (Westminster) ...	30.23	54	50	W	2	c	#
Belmullet ...	29.96	47	47	SW	5	or	#	Yarmouth ...	30.14	50	49	WSW	2	c	3
Holyhead ...	30.13	49	47	SW	3	c	2	Rochefort ...	30.27	50	50	SW	3	r	#

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

Weather in morning fine at several of the Irish and Scotch stations, as well as in Germany, Austria and Spain. Cloudy or dull in most other parts of Europe, with fog or mist over the more central countries, and with rain over the southeastern parts of England, the north of France, and the west of Norway. Rain falling later over the whole of our Islands and the neighbouring parts of the Continent, but amounts mostly slight.

Temperature fallen in the east and north of our Islands and also over northern Russia; risen or changed irregularly elsewhere. Morning readings highest 59° at Lfay, and 57° at Barcelona, Malta and Tunis; above 50° at the Mediterranean and Spanish coast stations generally, and very little below it in many parts of England. Lowest (1) 8° at Archangel, 21° at St. Petersburg and 26° at Krasnoy; (2) 18° at Hermannstadt, 27° at Wiesbaden and Cracow and 28° at Vienna. Rising during day to 50° and upwards in most parts of the United Kingdom, to 55° or more at some of the inland English stations and to 57° at Loughborough. Exceeding 55° also in the southwest of France reaching 64° at Linton.

Wind light to moderate from the SW² over our Islands and all the most northern and central parts of the Continent. Light from the NW² in the south of Russia, calm in Austria; variable in Italy; E³ or NE³ over the Spanish Peninsula and the extreme south of France. Increasing at night to a strong gale from the SW² or W² in the west of Scotland and the northern parts of Ireland and England.

Barometer highest 30.6 in. and upwards over the south of Austria; 30.3 in. and upwards in an anticyclone lying over the entire southern half of Europe. Lowest 29.3 in. and less in a depression lying off the northwest of Norway; small and very shallow secondary disturbances moving eastwards across England. New and deeper secondary advancing later to our extreme northwest coasts, and moving rapidly at night in an east-southeasterly direction across 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 *Monday, 22nd February, 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.			
		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
SCANDINAVIA.	Haparanda ...	29.39	23	Z	0	C	29.46	+1.3	10	9	-16	H	2	bc	#	c	#	37	10	.	
	Hernösand ...	29.58	37	N	4	O	29.61	+0.5	30	27	-3	N	4	b	#	0	#	41	30	.	
	Stockholm ...	29.67	37	SW	2	O	29.83	+1.2	32	28	-5	WSW	2	b	#	0	#	?	?	.	
	Wisby ...																				
	Karlstad ...	29.69	35	SSW	1	f	29.97	+1.23	27	24	-7	N	2	b	#	f	#	#	#	.	
	Bodö ...	29.36	30	SSW	6	bc	29.45	+1.18	24	22	-12	Z	0	b	0	bc	#	36	21	1.93	
	Christiansund ...	29.91	33	WNW	9	S	29.96	+1.46	37	31	+1	WNW	4	S	7	S	#	37	30	0.39	
	Skudesnaes ...	30.04	35	WNW	6	b	30.17	+1.49	34	34	-5	Z	0	0	bc, b	#	39	32	#		
	Færder (Christiania Fjord)	29.72	37	NW	3	b	30.03	+1.30	35	32	-1	WNW	2	b	2	b	#	37	34	.	
	Skagen (The Seaw)	29.77	36	NW	4	b	30.09	+1.27	35	33	0	NW	2	b	0	b	#	?	?	0.35	
BRITISH ISLANDS.	Fanø ...	30.01	35	NW	7	b	30.23	+1.22	34	32	-1	NW	4	b	#	b	#	37	32	0.12	
	Sumburgh Head	30.08	41	WNW	3	c	30.02	+1.26	46	46	+8	N	3	r	4	c	#	46	38	0.02	
	Stornoway ...	30.16	45	N	3	O	30.18	+1.17	49	49	+10	N	4	0	4	c, 0	2.4	49	35	0.11	
	Wick ...	30.12	44	NW	3	bc	30.15	+1.21	48	48	+8	WNW	3	c	1	bc	#	48	38	0.03	
	Nairn ...	30.19	45	N	2	c	30.22	+1.22	51	49	+12	SW	2	c	1	c	#	51	36	.	
	Aberdeen ...	30.24	43	SW	3	c	30.26	+1.27	50	46	+9	N	2	bc	1	c	6.7	51	41	0.01	
	Leith ...	30.26	47	N	4	c	30.34	+1.24	50	48	+8	WSW	4	b	#	c	#	52	41	.	
	Shields ...	30.31	46	N	3	c	30.40	+1.29	50	48	+8	N	2	c	2	c	#	50	41	.	
	Spurn Head ...	30.36	43	WNW	4	b	30.43	+1.32	45	45	+3	N	4	c	4	b, 2	#	46	42	.	
	York ...	30.35	45	N	1	c	30.46	+1.27	48	46	+4	WSW	3	b	#	c	6.4	50	43	.	
GERMANY & HOLLAND.	Loughborough ...	30.46	46	WNW	2	O	30.52	+1.31	49	46	+6	N	4	bc	#	bc, c, 0.9	#	51	43	.	
	Ardrossan ...	30.31	46	WSW	3	op	30.39	+1.23	48	47	+4	SSW	2	om	2	op	#	48	42	0.02	
	Malin Head ...	30.32	47	WSW	5	om, r	30.42	+1.19	48	48	+4	WSW	4	f	3	o, r, m	#	48	43	0.01	
	Belmullet ...	30.45	50	N	3	om	30.53	+1.16	50	49	+3	WSW	4	0	#	o, om	#	51	46	0.13	
	Donaghadee ...	30.37	49	SW	3	bc	30.48	+1.20	50	50	+10	WSW	3	0	1	bc	#	50	39	.	
	Liverpool (Bidston)	30.45	46	WSW	4	O	30.51	+1.24	48	47	+6	WSW	6	c	5	c, 0	#	48	42	.	
	Holyhead ...	30.46	47	SW	2	og, pm	30.55	+1.20	47	46	+4	SW	3	m	2	og, mp	#	50	42	0.01	
	Parsonstown ...	30.51	51	N	2	O	30.59	+1.19	50	49	+8	N	1	0	#	o, 0, om	0.0	52	41	0.01	
	Valencia ...	30.61	51	SW	3	og, m	30.67	+1.20	51	50	+1	SW	3	of	4	om, g	0.0	53	49	0.02	
	Roche's Point ...	30.57	53	N	3	O	30.67	+1.17	50	48	+5	N	3	bc	3	0	#	55	44	.	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.56	46	N	3	f	30.64	+1.23	46	45	0	WNW	2	og	4	c, f	1.1	48	45	.	
	Scilly ...	30.62	51	N	4	c	30.73	+1.23	48	48	-1	WNW	4	of	5	o, c	0.6	52	46	0.02	
	Prawle Point ...	30.61	47	WNW	4	c	30.69	+1.22	46	46	+2	WSW	3	orm	2	c	#	51	46	.	
	Jersey (St. Aubin's)	30.63	49	WNW	3	c, g	30.71	+1.23	48	48	0	WNW	3	of	3	c	#	51	46	.	
	Hurst Castle ...	30.54	46	WNW	3	c, g	30.62	+1.25	48	46	+3	WNW	3	cm	2	c	#	51	43	.	
	Dungeness ...	30.44	44	N	2	bc	30.53	+1.29	44	44	-1	N	2	b	1	c, bc	#	51	40	.	
	North Foreland	30.46	45	WNW	3	bc	30.53	+1.33	47	46	+3	N	4	bc	2	b, bc	#	49	42	0.04	
	London (Brixton) ...	30.49	47	NW	1	bc	30.58	+1.30	49	46	+3	WNW	2	c	#	c, 0	4.4	52	45	.	
	Oxford ...	30.54	47	N	2	O	30.60	+1.28	49	47	+6	N	3	0	#	c, 0	#	50	43	.	
	Cambridge ...	30.47	45	NW	3	b	30.55	+1.33	48	47	+4	WNW	2	0	#	b	6.8	51	43	.	
GERMANY & HOLLAND.	Yarmouth ...	30.34	46	NW	4	bc	30.44	+1.38	47	46	+3	WNW	3	c	3	bc	#	48	40	0.03	
	Cuxhaven ...	29.87	36	WNW	8	S	30.28	+1.38	35	35	-6	NW	3	b	#	f, r, s	#	41	34	0.12	
	Berlin ...	29.86	40	SW	5	O	30.23	+1.07	34	31	-4	WNW	5	bc	#	0	#	46	32	0.04	
	Wiesbaden ...	#	#	#	#	#	30.50		37	35		NW	3	c	#	#	#	46	34	0.08	
	Munich ...	30.34	39	N	5	O	30.54	+1.13	33	32	0	SW	4	bc	#	0	#	46	32	0.08	
	The Helder ...	30.31	40	NW	2	O	30.43	+1.59	40	39	-1	WSW	2	m	2	b	#	41	39	.	
	Brussels ...	#	#	#	#	#	30.56	+1.36	40	39	-5	SW	2	r	#	0	#	48	39	0.04	
	Cape Gris Nez ...	30.48	44	NW	3	bc	30.52	+1.31	45	44	+2	N	2	0	2	bc	#	46	41	0.08	
	Paris ...	30.55	45	NW	2	b	30.62	+1.19	41	40	-5	SW	2	0	#	b	#	51	36	.	
	Brest ...	30.67	50	N	2	m	30.76	+1.24	49	49	-2	NW	2	0	4	m	#	52	45	.	
FRANCE & BELGIUM.	Lorient ...	30.67	48	NW	4	O	30.76	+1.25	49	48	+1	NW	2	0	5	0	#	54	46	.	
	Rochefort ...	30.64	50	NW	5	c	30.74	+1.22	50	50	0	NW	3	0	#	c	#	54	46	.	
	Belfort ...	30.45	41	WSW	4	f	30.60	+1.14	34	33	-2	N	3	m	#	f	#	46	33	0.08	
	Lyons ...	30.55	45	N	1	c	30.66	+1.09	41	37	+1	WNW	3	bc	#	c	#	53	39	0.04	
	Nice ...	30.28	49	Z	0	bc	30.26	-1.13	43	41	-5	E	4	b	2	bc	#	59	41	.	
	Perpignan ...	30.51	54	NW	4	O	30.52	0.0	50	43	0	NW	5	0	#	0	#	61	50	.	
	Biarritz ...	30.69	52	WNW	6	r	30.72	+1.08	52	50	0	N	4	0	#	r	#	57	50	0.04	
	Corunna ...																				
	Lisbon ...	30.65	59	N	4	b	30.64	-0.03	51	46	+4	NNE	4	b	#	b	#	66	47	.	
	PENIN- SULA.	Azores (P. Delgada)	30.57	59	SE	5	c	30.49	-0.07	59	57	0	SE	5	c	5	e	#	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 3.2 hrs; Brighton 5.8 hrs; Eastbourne 4.2 hrs; Hastings 4.9 hrs;

WEATHER CHARTS

FOR *Monday, 22nd February, 1897.*

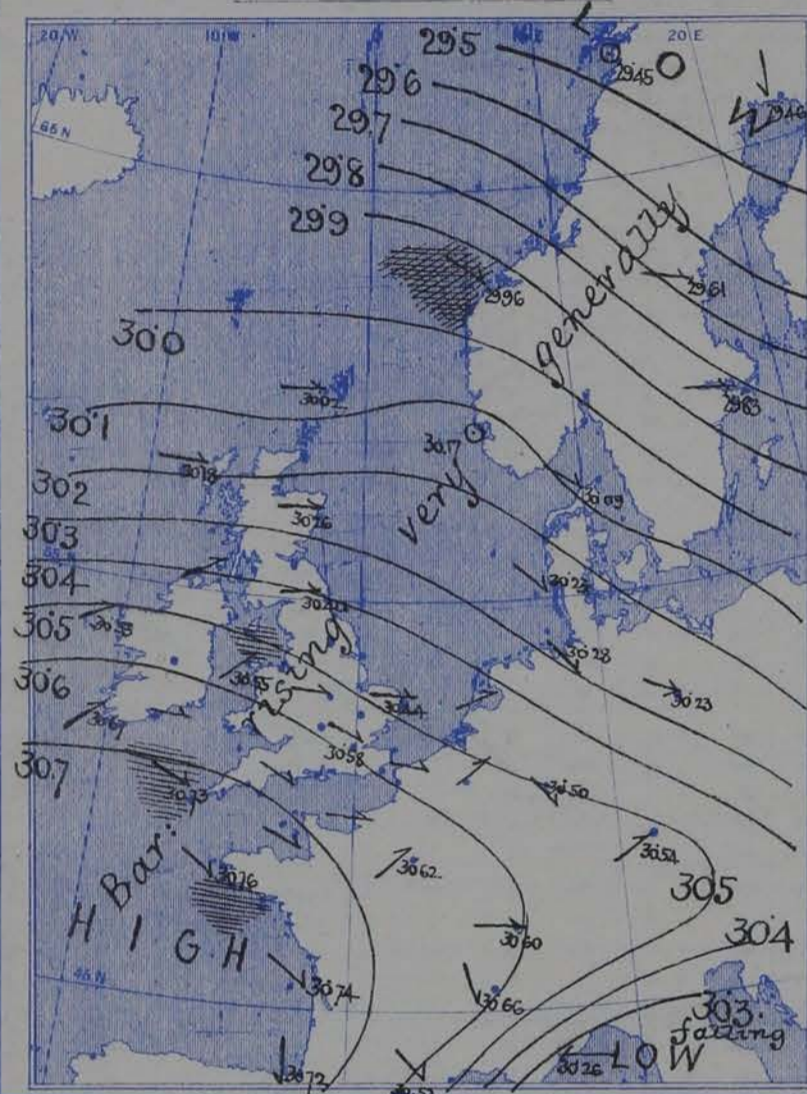
BAROMETER, WIND AND SEA.

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 ≡≡≡

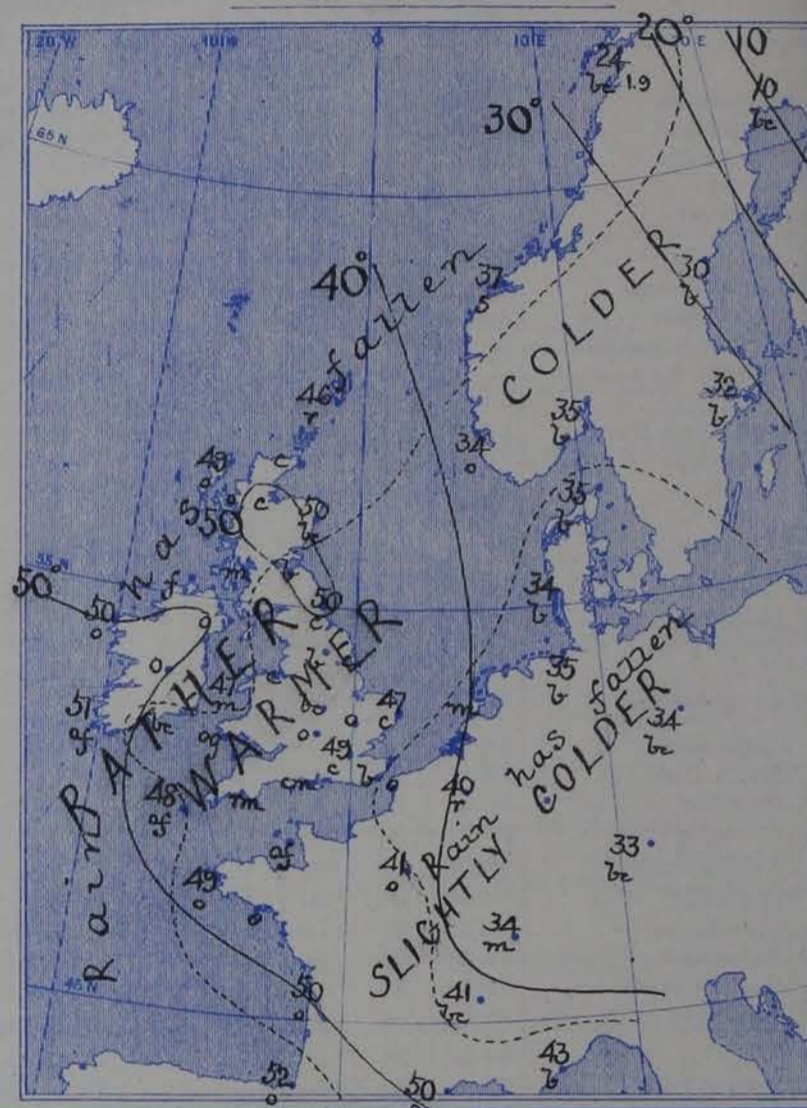


TEMPERATURE & WEATHER.

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 FEBRUARY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE.	
		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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.20	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.7 in. and upwards, in the central portion of an anticyclone lying over the Bay of Biscay, the coast of France, and the extreme south-west of our islands.
 Lowest, 29.5 in. and less, in the north of Scandinavia.
 Gradients slight generally, but moderate over the west of Norway.
 Barometer rising generally, but very slightly in our islands.

TEMPERATURE

Highest, (1) 52° at Chiswick, 51° at Farnham, and 50° at Bournemouth; (2) 51° at Harbin and Khabarovsk (Russia), and 50° at several of our southern and northern stations.
 Lowest, 10° at Haparanda, 24° at Umeå, 21° at Umeå, 32° at Stockholm, 33° at Helsingfors, and 34° at Murmansk, Leno, Berlin, and Belfast.
 During yesterday the thermometer rose to 50° and upwards in many parts of the United Kingdom and to 55° at Rock Point.

WIND

Light to moderate from the SW^W or W^W in our islands, and from the Westward or North-westward at most of the Continental stations.

WEATHER

Fine in the eastern parts of Great Britain, as well as over Denmark, Germany, the southeast of France and the greater part of Scandinavia.
 Dull elsewhere, with mist or fog on several parts of our own western coasts, rain at Lumburg, St. and Brussels, and snow at Christiansund.
 Slight rain fell yesterday in many parts of Western Europe, and larger quantities of rain or snow on the eastern shores of the North Sea.

SEA

Moderate or slight generally, but high at Christiansund, and rather rough at Liverpool, Scilly, and Lorient.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any very decided change in the weather, but freshening westerly winds and rain are not unlikely on our extreme northern coasts.

FORECASTS

For the 24 hours ending at NOON on 23rd Feb^y 1897.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	W ^W winds, freshening; dull, some rain.
1	SCOTLAND EAST	W ^W and SW ^W winds, light; fair, mild.
2	ENGLAND N.E.	
3	ENGLAND EAST	W ^W winds, light or moderate; fair, mild.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

6	SCOTLAND WEST	W ^W and SW ^W winds, moderate; dull, misty.
7	ENGLAND N.W.	
8	ENGLAND S.W.	W ^W winds, moderate; fair generally, but some mist or fog.
9	IRELAND NORTH	Same as N° 6 and 7.
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 ...	29.86	39	36	W	4	bc	2	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	30.14	46	43	W	3	ou	3	Jersey ...	30.59	51	49	W	4	c	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	30.40	50	44	W	4	c	3
Ardrossan ...								North Foreland	30.38	48	45	W	5	b	4
Malin Head ...	30.31	46	46	W	4	0	3	London (Westminster)							#
Belmullet ...	30.41	51	50	W	3	0	*	Yarmouth ...							
Holyhead ...								Rochefort ...	30.56	52	52	W	4	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 14TH TO THE 20TH FEB^R 1897.

During the first half of this week the weather over the British Islands was much finer than it had been for several weeks previously — the distribution of pressure being mainly anticyclonic, the gradient variable at first, but afterwards favourable for W¹ and SW¹ winds.

On Wednesday, however, the anticyclone had moved southwards to France, and, as pressure over the Atlantic was low, depressions began to appear in the extreme west and north, and rain began to fall, first at the Irish, and afterwards at the British stations. Temperature became high during the daytime (maxima of 57° to 55° being recorded in several parts of Scotland, and 55° to 53° at several of the English stations) and rain fell in all districts — but not heavily except in one or two southern localities.

On the night of Saturday-Sunday a small well defined depression travelled rapidly from north-west to east-south-east across the northern parts of Ireland and England (filling up partially as it did so) and caused W¹ gales of considerable strength, but of short duration on our northern and north-eastern coasts. Its rate of movement was more than 40 miles per hour.

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 23rd February*, 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.
	Haparanda ...	29.99	10	NE	4	29.88	+ .42	9	9	- 1	SSE	4	5	#	b	#	30	9	-
	Hernösand ...	29.98	24	Z	0	29.93	+ .32	29	27	- 1	S	4	0	#	b	#	37	23	-
	Stockholm ...	29.98	34	Z	0	30.10	+ .27	28	27	- 4	SW	2	0	#	b	#	39	28	-
	Wisby ...																		
	Karlstad ...	30.06	31	WNW	2	30.05	+ .08	33	31	+ 6	S	2	f	#	bc	#	#	#	-
	Bodö ...	29.76	28	E	4	29.52	+ .07	28	26	+ .4	E	6	0	2	0	#	28	21	-
	Christiansund ...	29.78	40	W	3	29.83	- .13	45	42	+ 8	SW	7	r	5	r	#	45	34	0.20
	Skudesnaes ...	30.11	42	WNW	4	30.18	+ .01	41	41	+ 7	W	4	of	3	rf	#	43	34	#
	Færder (Christiania Fjord) ...	30.01	37	WSW	2	30.04	+ .01	37	?	+ 2	SSW	1	0	3	0	#	37	34	?
BRITISH ISLANDS.	Skagen (The Scaw) ...	30.09	28	WNW	3	30.10	+ .01	40	39	+ 5	NNW	3	bc	0	f	#	40	34	0.04
	Fanö ...	30.29	36	W	4	30.30	+ .07	35	35	+ 1	W	4	bc	#	0	#	39	34	-
	Sumburgh Head ...	30.00	47	W	4	29.98	- .04	46	45	0	W	4	c	4	o,r	#	47	40	0.01
	Stornoway ...	30.21	44	W	5	29.97	- .21	47	46	- 2	SW	5	0	6	0	0.0	51	44	-
	Wick ...	30.17	48	SSE	3	30.06	- .09	48	46	0	W	3	bc	2	bc	#	57	47	-
	Nairn ...	30.23	53	WSW	2	30.07	- .15	48	46	- 3	WSW	5	bc	3	bc	#	58	45	-
	Aberdeen ...	30.26	54	SW	2	30.18	- .08	48	46	- 2	SSW	2	bcw	1	b, bc	5.8	64	43	-
	Leith ...	30.37	49	W	3	30.28	- .06	49	45	- 1	WSW	4	bc	#	c	#	55	48	-
	Shields ...	30.39	52	WSW	4	30.38	- .02	50	47	0	SW	2	c	2	c	#	58	47	-
	Spurn Head ...	30.46	47	W	4	30.49	+ .06	44	44	- 1	SW	4	c	3	c,p	#	49	42	0.03
GERMANY & HOLLAND.	York ...	30.48	51	W	1	30.43	- .03	49	47	+ 1	SW	1	c	#	c	4.7	56	46	-
	Loughborough ...	30.54	51	W	3	30.56	+ .04	45	44	- 4	WSW	2	cn	#	bc, o, bc	#	54	43	-
	Ardrossan ...	30.45	49	W	3	30.28	- .09	46	45	- 2	S	4	0	3	0	#	51	45	0.02
	Malin Head ...	30.43	47	WSW	5	30.21	- .21	48	47	0	SSW	5	og	3	m	#	48	45	-
	Belmullet ...	30.52	50	SW	4	30.28	- .25	50	49	0	WSW	7	a	#	om	#	51	47	-
	Donaghadee ...	30.50	54	WSW	4	30.39	- .09	49	47	- 1	SW	5	c	3	c	#	55	48	-
	Liverpool (Bidston) ...	30.56	46	WSW	4	30.51	- .00	48	45	0	SW	2	bc	3	of	#	51	46	0.01
	Holyhead ...	30.57	47	SW	3	30.50	- .05	46	45	- 1	SSW	4	cn	3	cp2, ogm	#	51	43	0.01
	Parsonstown ...	30.59	52	W	2	30.45	- .14	45	43	- 5	S	1	0	#	0	0.3	56	45	-
	Valencia ...	30.64	51	SW	2	30.49	- .18	50	48	- 1	S	3	og	4	0	0.3	55	47	0.01
FRANCE & BELGIUM.	Roche's Point ...	30.66	52	WSW	4	30.55	- .12	47	47	- 3	SW	4	rm	4	0	#	53	46	0.05
	Pembroke (St. Ann's Hd.) ...	30.65	47	SW	4	30.60	- .04	43	42	- 3	WSW	4	f	4	f	0.0	47	42	0.02
	Scilly ...	30.70	48	W	3	30.63	- .10	46	46	- 2	SSW	3	f	4	m,f	0.7	50	44	0.03
	Prawle Point ...	30.68	47	WNW	3	30.68	- .01	46	46	0	W	2	fd	2	c, b, fd	#	51	44	0.02
	Jersey (St. Aubin's) ...	30.70	48	WNW	3	30.71	0.00	48	47	0	WNW	3	om	3	om	#	50	47	-
	Hurst Castle ...	30.63	47	W	1	30.65	+ .03	44	43	- 4	W	3	cn	2	c	#	53	43	-
	Dungeness ...	30.66	50	W	2	30.60	+ .07	45	45	+ 1	W	2	c	1	bc, c	#	57	43	0.01
	North Foreland ...	30.58	50	WNW	3	30.60	+ .07	49	48	+ 2	W	3	0	2	bc, o	#	56	46	-
	London (Brixton) ...	30.58	53	WNW	1	30.63	+ .05	46	45	- 3	W	1	c	#	om, bc, o	1.1	57	45	-
	Oxford ...	30.62	51	W	2	30.63	+ .03	43	43	- 6	SW	2	0	#	c, o	#	57	43	-
PENIN- SULA.	Cambridge ...	30.56	52	W	1	30.60	+ .05	45	45	- 3	WSW	2	om	#	0	1.2	57	43	-
	Yarmouth ...	30.46	51	W	3	30.53	+ .09	46	45	- 1	W	3	bcw	3	c	#	53	44	-
	Cuxhaven ...	30.35	38	W	4	30.40	+ .12	38	38	+ 3	W	2	f	#	f	#	41	35	-
	Berlin ...	30.37	40	W	3	30.39	+ .16	41	40	+ 7	W	4	0	#	0	#	41	34	-
	Wiesbaden ...	#	#	#	#	30.62	+ .12	41	40	+ 4	SW	1	0	#	#	#	48	37	0.04
	Munich ...	30.63	35	W	5	30.67	+ .13	33	31	0	SW	3	c	#	b	#	35	30	0.04
	The Helder ...	30.48	41	WSW	1	30.52	+ .09	41	41	+ 1	WSW	2	0	1	0	#	41	39	-
	Brussels ...	#	#	#	#	30.63	+ .07	45	45	+ 5	WSW	1	f	#	f	#	46	40	0.04
	Cape Gris Nez ...	30.55	50	NW	2	30.56	+ .04	45	44	0	SW	2	m	1	0	#	52	43	-
	Paris ...	30.65	50	NW	2	30.67	+ .05	44	43	+ 3	SW	1	m	#	0	#	52	41	-
FRANCE & BELGIUM.	Brest ...	30.75	48	NW	1	30.72	- .04	48	46	- 1	NW	1	m	3	m	#	52	43	-
	Lorient ...	30.74	46	NW	2	30.73	- .03	46	44	- 3	NNE	1	0	4	c	#	52	45	-
	Rochefort ...	30.70	52	NW	3	30.72	- .02	48	48	- 2	NE	3	0	#	0	#	55	46	-
	Belfort ...	30.63	39	SW	3	30.65	+ .05	35	34	+ 1	E	1	m	#	m	#	44	34	-
	Lyons ...	30.64	43	N	2	30.62	- .04	40	39	- 1	N	4	b	#	0	#	48	40	-
	Nice ...	30.27	48	WSW	1	30.45	+ .19	39	32	- 4	E	1	b	2	b	#	35	39	-
	Perpignan ...	30.44	52	NW	2	30.54	- .02	52	45	+ 2	WNW	3	bc	#	b	#	57	50	-
	Biarritz ...	30.73	50	WSW	3	30.68	- .04	50	48	- 2	NE	3	0	2	0	#	54	48	-
	Corunna ...																		
	Lisbon ...	30.54	61	NE	5	30.52	- .12	53	46	+ 2	NNE	4	b	#	b	#	68	52	-
PENIN- SULA.	Azores (P. Delgada) ...	30.51	57	NE	2	30.48	- .01	55	51	- 4	NNE	3	c	3	c	#	64	54	-

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; Brighton 2.0 hrs; Eastbourne 1.6 hrs; Hastings 6.2 hrs;

WEATHER CHARTS

FOR Tuesday, 23rd February, 1897.

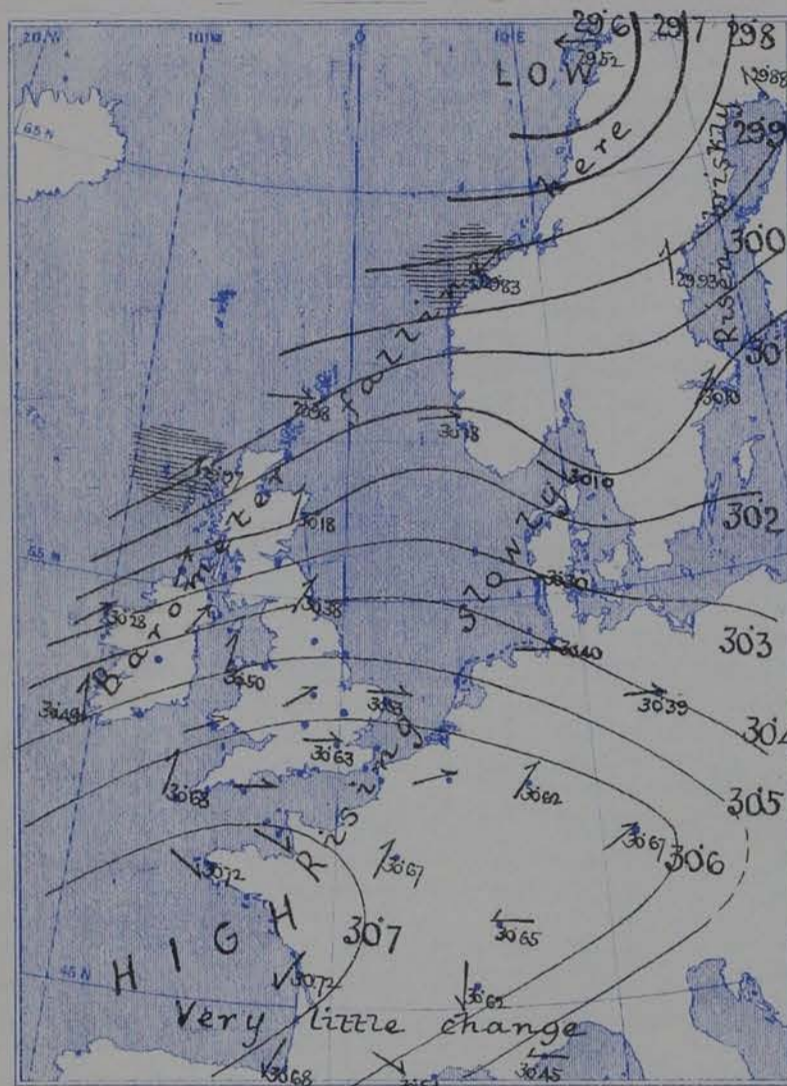
BAROMETER, WIND AND SEA.

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 ≡

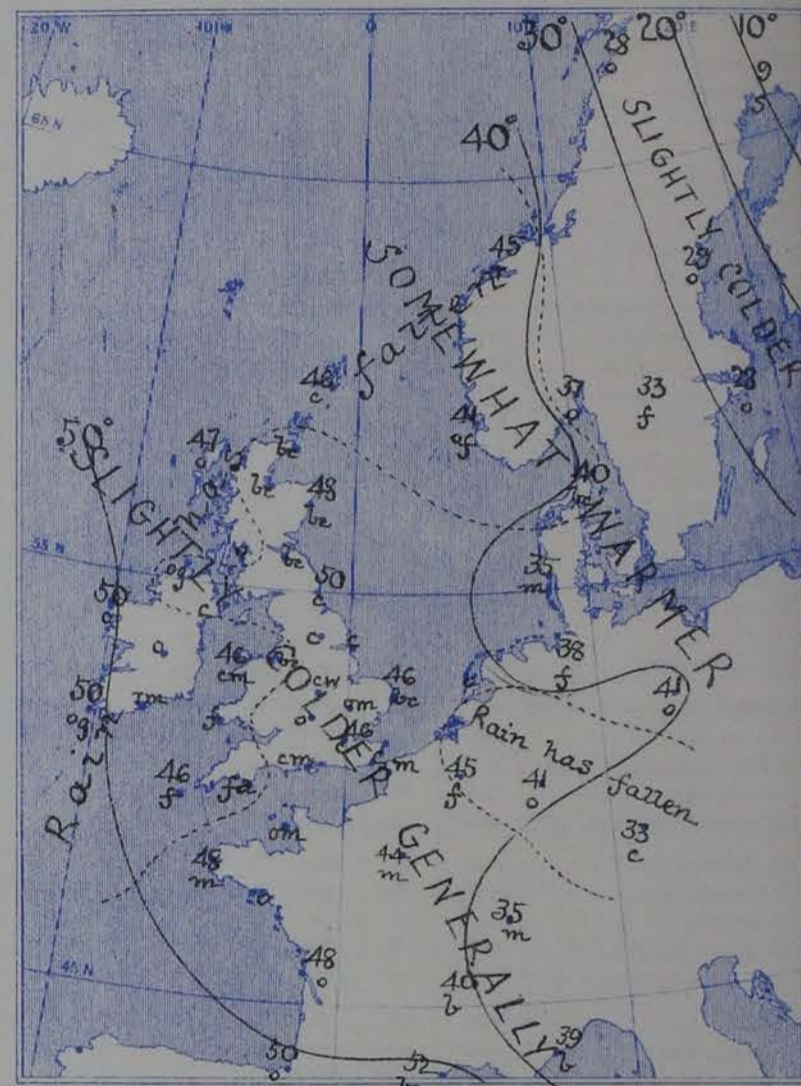


TEMPERATURE & WEATHER.

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 FEBRUARY.

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.		Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.7 ins. and upwards over the Bay of Biscay and the southwest of France; 30.3 ins. & upwards in an anticyclone embracing the whole of France, Germany, the Netherlands, England & Ireland. Lowest 29.6 ins. and less in a depression lying off the north west of Norway. Gradients moderate over Ireland and Scotland and also over Scandinavia, but slight elsewhere. Barometer falling in the west and north of our islands, as well as in the north of Scandinavia, but rising in nearly all other parts of Europe.

TEMPERATURE

Highest (1) 53° at Dublin, 52° at Perpignan & 50° at Biarritz; (2) 50° at Shields, Belmullet & Valence (Ireland). Lowest 9° at Haparanda, 28° at Bodø & Stockholm, 33° at Karlstad & Munich & 35° at Laro and Belfast. During yesterday the thermometer rose to 55° & upwards in many parts of the United Kingdom, the highest readings reported being 64° at Aberdeen & 58° at Narvik & Shields.

WIND

SW^{ly} over all the most western & northern parts of our islands, & also over the southern parts of Scandinavia, fresh or strong in force on our extreme W. coasts. Light to moderate from the Wnd in the south and southeast of England & also in Denmark & North Germany. Light from the Nnd or NE^{ly} in the west of France.

WEATHER

Fair or fine over the northern & eastern parts of Great Britain, as well as in the south of France. Dull elsewhere, with fog on our south west coasts & also at several of the Scandinavian stations; rain was falling at Rocky Point, as well as at Christiansund and snow at Haparanda. Slight showers fell yesterday in a few isolated places and a most decided rain in the west of Norway.

SEA

Rough at Lornoway, and rather rough at Christiansund, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A secondary depression is evidently approaching our extreme north west coast, where the wind is likely to increase considerably from the SWnd and Wnd. Rain or passing showers will probably spread over the greater part of the Kingdom.

FORECASTS

For the 24 hours ending at NOON on 24TH FEB 1897.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

SW^{ly} winds, increasing in force, fair at first, then squally, with some rain.

Same as No. 5.

SW^{ly} and W^{ly} winds, freshening, fair at first, some showers later.

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

WARNINGS

SW^{ly} to W^{ly} winds, increasing in force, cloudy, some rain.

SW^{ly} winds, freshening, cloudy, some rain, fog locally.

Same as Nos. 6 and 7.

Same as No. 8.

At 10.0 am today to districts 6 and part of 9. Hoist South Cone.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.13	40	39	S	2	rf	3	Valencia ...	30.64	54	52	SW	3	o	4
Sumburgh Head ...	29.99	47	47	W	4	o	4	Scilly ...	30.71	49	48	W	3	m	4
Stornoway ...	30.19	51	50	W	4	o	4	Jersey ...	30.70	49	48	WNW	3	om	3
Aberdeen ...	30.23	63	55	SW	2	b	1	Hurst Castle ...	30.62	53	52	WNW	3	c	2
Shields ...	30.38	57	54	WSW	4	b	2	Dungeness ...	30.55	57	52	W	3	bc	2
Ardrossan ...	30.42	51	50	W	2	o	2	North Foreland ...	30.56	55	52	WNW	3	bc	2
Malin Head ...	30.41	47	47	WSW	5	m	3	London (Westminster) ...	30.58	56	51	NW	2	om	#
Belmullet ...	30.54	50	50	SW	4	om	*	Yarmouth ...	30.45	53	51	WNW	3	c	3
Holyhead ...	30.57	48	48	SW	3	empd	2	Rochefort ...	30.73	55	55	WNW	3	bc	#

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

Weather in morning fine in the eastern parts of Great Britain, as well as over the greater part of Scandinavia, Denmark, north Germany, Spain, and the south-west of France. Dull elsewhere, with mist or fog on several parts of our own western coasts, as well as at many of the Russian stations; rain falling at Sumburgh H., Brussels, and Naples, and snow at Christiansund; thunderstorm reported at Palermo. Light rain falling during day in isolated parts of our Islands.

Temperature risen in our Islands, and also over Austria and northern Italy, fallen elsewhere. Morning readings highest (1) 58° at Malta, 54° at Algiers and La Olla, and 53° at Cagliari; (2) 51° at Kairi and Valencia (Ireland), and 50° at several of our own western and northern stations. Lowest 3° F. at Archangel, 10° at Hakaranda, and 24° at Uleaborg and Bodö. Rising during day to 55° and upwards in many parts of the United Kingdom, and reaching 64° at Aberdeen; scarcely exceeding 55° in the south of France, but reaching 68° at Lisbon.

Wind light to moderate from the SW² or W² over our Islands and the Netherlands and from the NW² over the western parts of the Continent generally; N³ or NE² over the Spanish Peninsula. SW³ over Russia, variable in Austria and Italy. No important change occurring over Western Europe during day.

Barometer highest 30.7 in. and upwards in the central portion of an anticyclone lying over the Bay of Biscay, the west of France, and the extreme south-west of our Islands. Lowest 29.5 in. and less, in a depression over the northern parts of Scandinavia, 30.2 in. and less, in a large shallow area over Italy and the neighbouring parts of the Mediterranean. New but shallow depression appearing later off the coast of Norway, no important change occurring elsewhere.

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, 24th February, 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.
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
	Hernösand ...	29.72	16	S	4	S	29.31	- .57	32	32	+ .23	S	2	r	#	S	#	?	0	0.16	
	Stockholm ...	29.70	35	S	2	b	29.45	- .48	43	37	+ .14	W	6	bc	#	b	#	43	18	-	
	Wisby ...	29.95	36	Z	0	bc	29.69	- .41	40	38	+ .12	msw	6	c	#	bc	#	41	25	-	
	Karlstad ...	29.92	40	SW	2	b	29.84	- .21	41	36	+ .8	msw	6	b	#	f. b	#	#	#	-	
	Bodö ...	29.30	44	SW	6	r	29.05	- .47	37	36	+ .9	msw	8	r	?	r	#	?	?	1.02	
	Christiansund ...	29.56	48	msw	9	o	29.97	+ .14	38	33	- .7	msw	9	o	7	o	#	48	37	0.28	
	Skudesnaes ...	30.02	42	SSW	6	o	30.26	+ .08	38	37	- .3	msw	4	c	1	o	#	43	34	#	
	Færder (Christiania Fjord)	29.98	38	SW	4	b	29.97	- .07	41	36	+ .4	msw	3	b	4	b	#	43	37	-	
	Skagen (The Scaw)	30.12	39	W	3	f	30.09	- .01	39	37	- .1	msw	5	b	1	f	#	43	37	-	
BRITISH ISLANDS.	Fanö ...	30.29	37	W	4	c	30.32	+ .02	36	35	+ .1	W	4	b	#	c	#	41	35	-	
	Sumburgh Head	29.64	46	msw	9	o	30.11	+ .13	41	40	- .5	SSW	1	b	4	o	#	49	40	0.01	
	Stornoway ...	30.03	44	msw	4	o	29.95	- .02	45	43	- .2	SSW	5	o	5	og, o	#	50	38	0.10	
	Wick ...	29.89	42	W	7	m	30.08	+ .02	44	44	- .4	S	5	o	4	b, o	#	54	38	-	
	Neirn ...	30.06	45	W	3	bc	30.13	+ .06	42	40	- .6	Z	0	c	1	bc	#	54	36	0.07	
	Aberdeen ...	30.11	48	SW	4	bc, q	30.25	+ .07	42	40	- .6	SSW	2	bmw	2	b, bc, q	#	55	38	-	
	Leith ...	30.19	45	W	5	bc	30.26	- .02	45	42	- .4	SSE	2	c	#	bc	#	56	40	0.02	
	Shields ...	30.29	49	SW	3	c	30.38	- .00	45	44	- .5	S	2	odp	2	c	#	55	41	-	
	Spurn Head ...	30.44	47	SW	4	c	30.49	- .00	43	43	- .1	SW	4	o	3	c	#	51	41	-	
	York ...	30.42	50	W	3	o	30.47	+ .04	47	45	- .2	SSW	1	o	#	o	#	52	45	-	
GERMANY & HOLLAND.	Loughborough ...	30.50	49	msw	5	c	30.53	- .03	45	43	0	SSW	2	o	#	bc, c, b, o	#	55	43	-	
	Ardrossan ...	30.27	46	SSW	4	o	30.21	- .09	46	46	0	S	4	bc	3	o	#	47	42	0.06	
	Malin Head ...	30.27	46	W	4	b, cm	30.06	- .15	48	46	0	S	5	og	3	r, bc, m	#	48	40	0.09	
	Belmullet ...	30.37	48	msw	3	b	30.05	- .23	49	48	- .1	SSW	8	o	#	q, p, bc, q	#	51	43	0.16	
	Donaghadee ...	30.37	47	msw	5	bc	30.28	- .11	46	46	- .3	SSW	5	bc	3	bc	#	53	39	0.02	
	Liverpool (Bidston)	30.47	48	SW	5	bc	30.45	- .06	47	43	- .1	SW	2	o	2	bc	#	52	45	-	
	Holyhead ...	30.45	47	SSW	5	om	30.40	- .10	46	45	0	SSW	4	c, qm	3	og, f, m	#	47	44	-	
	Parsonstown ...	30.44	48	SW	1	b	30.29	- .16	48	45	+ .3	S	2	c	#	o, b	#	53	41	-	
	Valencia ...	30.45	49	S	1	om	30.26	- .23	49	47	- .1	SW	5	og	5	og, r, om	#	53	47	0.01	
	Roche's Point ...	30.52	49	msw	4	o	30.37	- .18	48	47	+ .1	SSW	5	cm	4	o	#	50	46	0.01	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.56	46	msw	4	o	30.46	- .14	45	45	+ .2	SW	4	og, p, d	4	o	#	46	43	0.02	
	Scilly ...	30.61	48	SSW	3	of	30.52	- .11	49	46	+ .1	S	5	o	5	f, o	#	50	45	-	
	Prawle Point ...	30.65	45	W	3	c	30.61	- .07	45	43	- .1	msw	4	c	3	f, d	#	48	43	0.03	
	Jersey (St. Aubin's)	30.69	49	msw	3	bc	30.66	- .05	45	44	- .3	HE	1	om	1	cm, bc, g	#	58	42	-	
	Hurst Castle ...	30.62	46	SW	4	bc	30.60	- .05	46	43	+ .2	SW	3	o	2	of, bc	#	48	43	-	
	Dungeness ...	30.59	45	msw	4	c	30.62	+ .02	44	43	- .1	msw	3	o	2	bc, c	#	55	39	-	
	North Foreland	30.59	49	W	2	bc	30.62	+ .02	45	43	- .4	SW	3	o	2	b, bc	#	57	41	-	
	London (Brixton) ...	30.60	49	SW	1	b	30.60	- .03	46	43	0	msw	2	o	#	c, b, o	#	53	45	-	
	Oxford ...	30.60	47	W	3	o	30.59	- .04	46	43	+ .3	SW	3	o	#	c, o	#	54	43	-	
	Cambridge ...	30.55	47	SW	2	b	30.59	- .01	40	39	- .5	SW	1	ow	#	b	#	55	36	-	
PENIN- SULA.	Yarmouth ...	30.47	49	msw	3	bc	30.54	- .01	43	42	- .3	SW	3	bc	2	bc	#	53	40	-	
	Cuxhaven ...	30.44	39	W	2	b	30.45	+ .05	37	37	- .1	W	5	b	#	f, b	#	43	36	-	
	Berlin ...	30.47	44	W	4	o	30.46	+ .07	44	43	+ .3	W	4	o	#	o	#	45	41	0.04	
	Wiesbaden ...	#	#	#	#	#	30.64	+ .02	43	42	+ .2	SW	1	o	#	#	#	48	41	-	
	Munich ...	30.67	37	E	2	c	30.68	+ .01	33	32	0	msw	4	b	#	c	#	46	32	-	
	The Helder ...	30.50	41	SW	2	m	?	?	40	39	- .1	msw	2	b	1	m	#	45	39	-	
	Brussels ...	#	#	#	#	#	30.67	+ .04	42	41	- .3	SW	1	o	#	b	#	51	41	-	
	Cape Gris Nez ...	30.60	43	SW	3	bc	30.60	+ .04	44	42	- .1	W	1	o	1	bc	#	50	41	-	
	Paris ...	30.69	51	msw	2	c	30.71	+ .04	34	34	- .10	Z	0	f	#	c	#	57	34	-	
	Brest ...	30.70	49	Z	0	o	30.60	- .12	46	45	- .2	SSE	2	bc	3	o	#	52	43	-	
GERMANY & HOLLAND.	Lorient ...	30.69	46	Z	0	bc	30.64	- .09	44	44	- .2	E	3	bc	5	bc	#	54	41	-	
	Rochefort ...	30.67	52	msw	2	o	30.66	- .06	45	45	- .3	E	2	b	#	c, o	#	55	43	-	
	Belfort ...	30.61	46	E	2	m	30.65	- .00	40	36	+ .5	EHE	2	m	#	m	#	53	35	-	
	Lyons ...	30.68	47	?	1	b	30.69	+ .07	39	38	- .1	ESE	1	f	#	b	#	53	37	-	
	Nice ...	30.49	48	SW	1	b	30.55	+ .10	44	37	+ .5	Z	0	b	#	b	#	57	39	-	
	Perpignan ...	30.56	54	msw	3	b	30.60	+ .06	42	40	- .10	SW	1	b	#	b	#	60	41	-	
	Biarritz ...	30.65	52	msw	4	o	30.62	- .06	48	46	- .2	E	3	o	2	o	#	55	46	-	
	Corunna ...																#				
	Lisbon ...	30.51	59	msw	3	b	30.60	+ .08	50	46	- .3	H	3	b	#	b	#	66	46	-	
	Azores (P. Delgada)	30.51	56	msw	1	b	30.50	+ .02	54	51	- .1	H	4	c	5	b	#	64	52	-	

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 2.4 hrs; Brighton 1.2 hrs; Eastbourne 6.5 hrs; Hastings 6.8 hrs;

WEATHER CHARTS

FOR *Wednesday 24th February, 1897.*

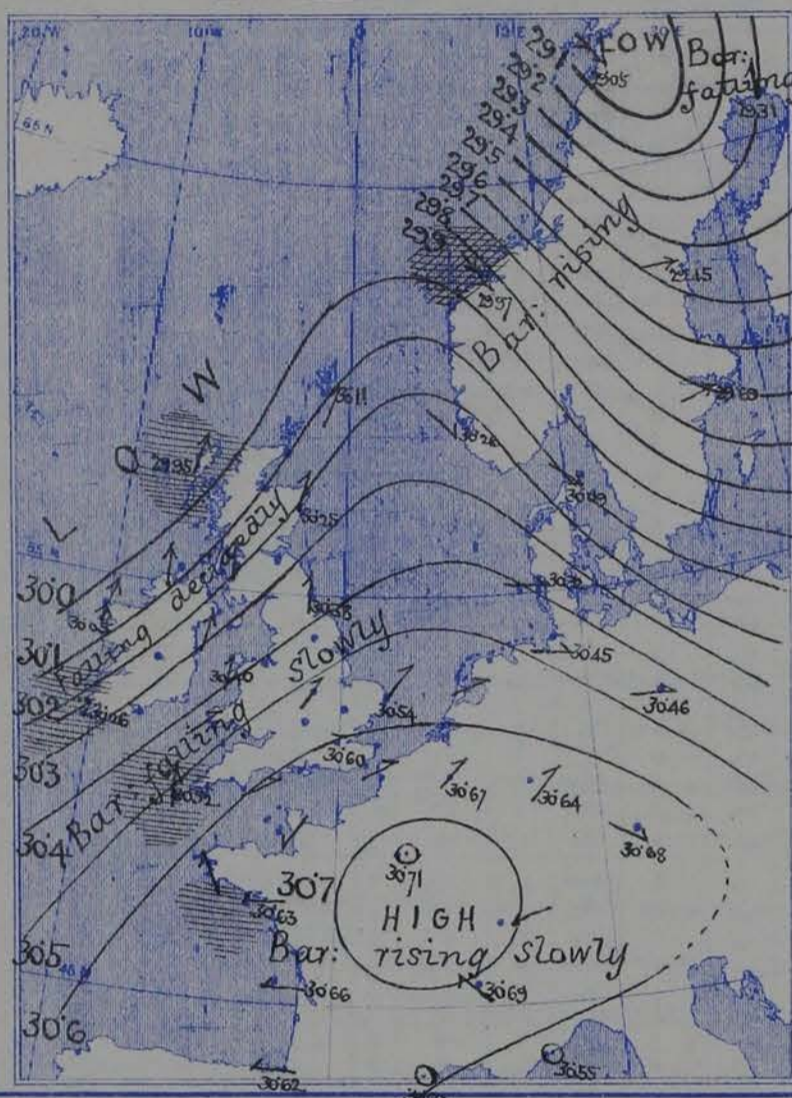
BAROMETER, WIND AND SEA.

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

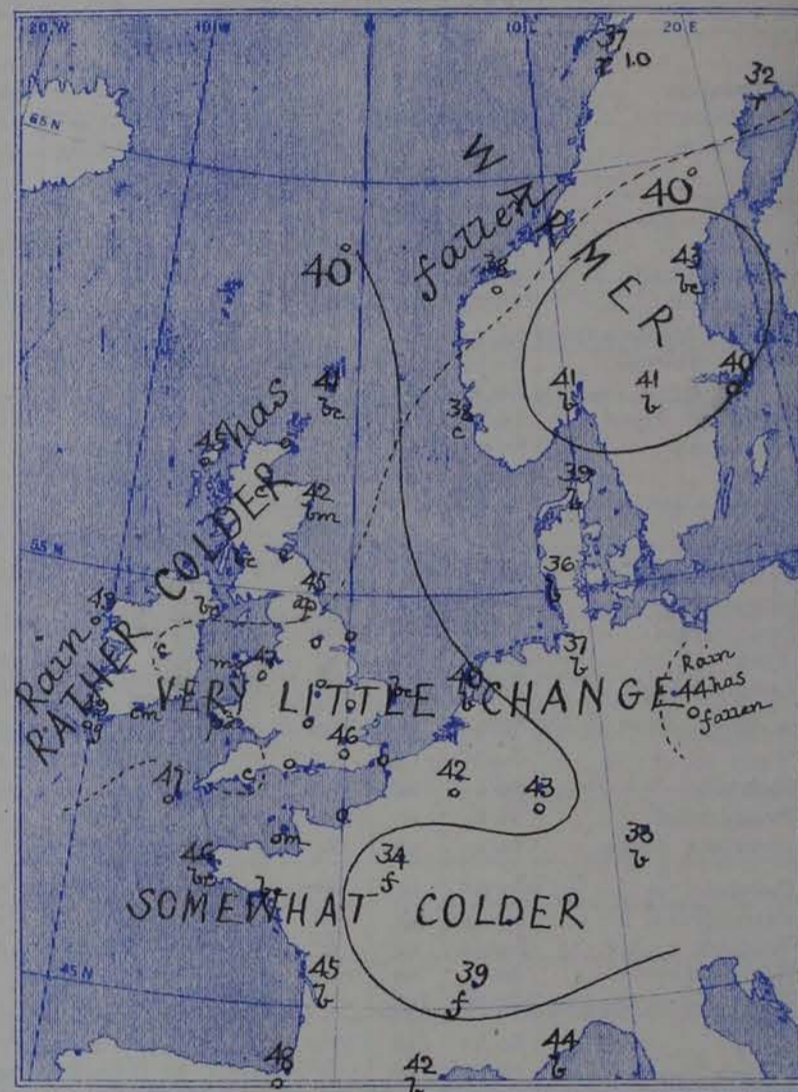


TEMPERATURE & WEATHER.

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 FEBRUARY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of			Absolute Extremes.			Means, 1866—95.	Means, 1881—95.	Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.				
	(Inches.)	°	°	°	°	°		(Inches.)			
Sumburgh Head	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	3.11	—	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	53	1891	3.80	63.6	25	—
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2.16	—	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	1.65	—	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	2.26	73.4	28	—
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	1.51	—	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	1.50	—	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	1.32	—	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	1.68	60.0	22	—
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	1.71	—	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	2.93	—	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	4.20	—	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	2.34	—	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	2.42	—	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	1.68	—	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	2.16	68.0	25	—
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	4.89	72.9	27	—
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	4.19	—	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	2.62	79.9	29	—
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	2.62	—	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	1.94	—	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	2.41	95.0	34	—
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	2.10	—	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	1.81	—	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	1.64	33.0†	12†	—
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	1.76	66.3	24	—
Cambridge	29.987	36.7	35.7	45.5	32.1*	67	1891	1.42	70.5	26	—
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	1.73	—	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.7 in: and upwards to 30.5 in: in an anticyclone covering France, the Bay of Biscay, the south of our Islands, and the Netherlands.
Lowest, (1) Below 29.10 in: over the eastern half of Lapland, and (2) Below 30.0 in: off our extreme northwestern coasts.

Gradients very steep for NW winds over the northwest of Norway, and rather steep for SW winds over the northwestern parts of the United Kingdom, slight in the east and south. Barometer rising in Norway, falling fast at our northwestern stations, steady in the south.

TEMPERATURE

Highest, 49° at Valencia (Ireland) and rather above 45° over nearly the whole of Ireland and England.

Lowest, (1) 32° at Haparanda, 37° to 38° in the northwest of Norway, (2) 34° at Paris, 40° at Cambridge.

The maxima recorded yesterday were as high as 57° at Paris and the North Foreland, 56° at Leith and 53° or more in many parts of our Islands. The night, however, was rather cold over Central France and some parts of our eastern countries.

WIND

(1) NW, a gale, in Norway; W strong over Sweden. (2) SW over the whole of our Islands, and blowing strongly at our most western stations - a gale at Balmullet. (3) In France light anticyclonic breezes are reported.

WEATHER

(1) Clear or foggy at the French stations; (2) overcast at almost all our own stations, but bright at Aberdeen; (3) overcast in Norway, raining at Haparanda and Bodø, clear at most of the Swedish stations, in Denmark and at Copenhagen.

Much rain has fallen in the northwest of Norway, and smaller amounts in the north and northwest of our Islands.

Bright Sunshine recorded yesterday was - Hastings 6.8 hrs, Eastbourne 6.5 hrs, Aberdeen 4.0 hrs, London 1.4 hrs.

SEA

High at Christiansund, rather rough on some parts of our extreme western and northwestern coasts, smooth in the southeast and east.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Strong squally winds and gales from SW are likely to prevail in the north and northwest with rain, and freshening breezes from the same quarter over England generally, with some showers in the northwestern and northern countries.

FORECASTS

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

DISTRICTS.

FORECASTS.

- †10 SCOTLAND NORTH
- †11 SCOTLAND EAST
- 2 ENGLAND N.E.
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 ENGLAND SOUTH

SW²⁴ gales; squally, rainy.

SW²⁴ winds, strong; rain at times.

DISTRICTS.

FORECASTS.

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

Same as Nos 0 and 1.

Same as Nos 2 to 5.

Same as Nos 0 and 1.

WARNINGS

At 10.15 am today to districts 0, 1, and 7 "Hoist South Cone". The signals are still flying in districts 6 and 9.

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

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

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 ...	?	42	41	WSW	4	0	3	Valencia ...	30.47	51	50	SSW	4	+	6
Sumburgh Head ...	29.78	45	44	SW	3	0	4	Scilly ...	30.65	49	49	SW	3	f	4
Stornoway ...	29.86	50	46	WSW	9	0	9	Jersey ...	30.69	53	48	W	4	c	3
Aberdeen ...	30.06	51	46	SW	4	cgy	3	Hurst Castle ...	30.65	47	45	WSW	3	ou	2
Shields ...	30.32	53	48	SW	3	c	2	Dungeness ...	30.59	51	48	SW	4	bc	3
Ardrossan ...	30.21	47	46	SSW	5	0	3	North Foreland ...	30.59	54	51	W	3	b	2
Malin Head ...	30.21	45	45	WSW	6	r	4	London (Westminster) ...	30.60	55	49	W	2	0	#
Belmullet ...	30.36	50	48	WSW	5	bcgy	*	Yarmouth ...	30.50	53	49	W	3	bc	2
Holyhead ...	30.48	47	46	SSW	5	ogf	4	Rocheport ...	30.70	55	54	WNW	2	c	#

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

Weather in morning fine and light over the Mediterranean, as well as at several stations in Northern Europe, in Scotland, and the coast of England; cloudy or overcast elsewhere, with fog and slight rain on our southwest coasts, snow at Haparanda, and Moscow, as well as in Hungary; rain at Linnemünde. Considerable rain in the northwest of Norway later, and smaller quantities in the north and west of our Islands. Weather fair over the eastern parts of the English Channel.

Temperature highest 56° at Barcelona, and 55° to 50° at several of the southern stations in the Mediterranean; 53° at Lisbon, 50° at Biarritz, Valencia, and Belmullet, 47° at Stornoway. Rising later to 57° at the North Foreland and Paris, to between 50° and 55° in many parts of the United Kingdom, and to 60° at Perpignan. Successive night cold over Central France and our own eastern counties.

Wind (1) SW, fresh to strong, on our northwestern and northern coasts, and blowing a gale at Christianund; E, strong, at Bodo, and SE, at Haparanda; (2) a cyclonic circulation of light winds prevailing over Russia, and another similar system over the southern side of the Mediterranean; (3) light and anticyclonic over the Bay of Biscay, Spain, and France, and also over Turkey in Europe and Asia Minor. Blowing a strong gale over the Shetlands and northwest of Norway later, but moderating on our own northwestern and western coasts.

Barometer highest 30.7 in: and more to 30.5 in: in a large anticyclone covering the northwest of Spain, the Bay of Biscay, the southern half of our Islands and the whole of France, and 30.6 in: and more to 30.5 in: in another system over Asia Minor and the Balkan Peninsula. Lowest 29.6 in: and less, in a depression over the northwest of Norway; below 29.9 in: over Central Russia, and below 30.2 in: over Tunis, Malta, and the south of Sardinia. Falling fast over Scandinavia later, changing little and irregularly over 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 *Thursday, 25th February, 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.		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.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
SCANDINAVIA.	Haparanda ...	29.57	29	1	4	b	29.70	+ 39	12	11	- 20	2	0	b	#	b	#	34	12	0.12	
	Hernösand ...	29.91	33	1	2	b	29.69	+ 24	31	29	- 12	5	4	c	#	b	#	45	28	-	
	Stockholm ...	30.12	36	1	2	b	29.98	+ 29	34	33	- 6	SW	4	0	#	b	#	45	34	-	
	Wisby ...	30.19	35	1	4	b	30.05		34	33		W	4	0	#	b	#	37	32	-	
	Karlstad ...	30.11	34	1	2	b	29.85	+ 01	37	36	- 4	SW	4	f	#	b	#	#	#	-	
	Bodo ...	29.36	32	1	6	o	29.46	+ 41	31	29	- 6	E	4	0	1	0	#	37	28	-	
	Christiansund ...	29.91	36	SE	4	o	29.39	- 58	44	39	+ 6	SSW	5	bc	5	0	#	45	36	-	
	Skudesnaes ...	30.02	41	S	8	o	29.75	- 51	41	40	+ 3	SSW	7	m	5	b, o	#	44	37	#	
	Færder (Christiania Fjord) ...	30.11	37	1	1	bc	29.81	- 16	38	38	- 3	SW	5	m	4	bc	#	41	37	-	
	Skagen (The Seaw) ...	30.21	36	SW	2	c	29.96	- 13	39	39	0	W	2	m	0	c	#	43	34	0.08	
BRITISH ISLANDS.	Faro ...	30.31	37	W	5	c	30.09	- 23	37	36	+ 1	SW	6	0	#	c	#	43	36	-	
	Sumburgh Head ...	29.55	44	S	4	o	29.38	- 73	43	42	+ 2	SSW	3	0	6	0	#	45	41	0.10	
	Stornoway ...	29.56	45	1	5	o	29.14	- 81	47	46	+ 2	SSW	6	r	7	oglo	#	47	39	0.50	
	Wick ...	29.57	45	S	6	o	29.27	- 81	44	43	0	S	6	0	5	0.2	#	47	40	-	
	Nairn ...	29.67	46	W	5	c	29.32	- 81	48	47	+ 6	W	0	0	0	c	#	55	40	0.02	
	Aberdeen ...	29.77	45	SSW	5	ogyp	29.44	- 81	45	44	+ 3	S	6	ogyp	6	ogyp	#	47	41	0.02	
	Leith ...	29.89	48	W	5	o	29.52	- 74	52	49	+ 7	SW	7	0	#	0	#	52	41	0.05	
	Shields ...	30.02	49	SSW	5	c	29.74	- 64	51	48	+ 6	SW	5	ogyp	2	c, ogyp	#	51	42	0.02	
	Spurn Head ...	30.26	47	SSW	5	o	29.99	- 50	47	46	+ 4	SSW	5	0	4	c, o, r	#	50	43	0.01	
	York ...	30.23	49	SW	4	o	29.92	- 55	50	47	+ 3	SW	5	0	#	0	0.5	51	45	0.03	
GERMANY & HOLLAND.	Loughborough ...	30.33	47	SW	5	o	30.09	- 44	47	46	+ 2	SW	5	ogyp	#	o, c, ogyp	#	50	45	0.02	
	Ardrossan ...	29.91	46	S	3	b	29.55	- 66	48	47	+ 2	S	6	r	6	cp, b	#	48	44	0.39	
	Malin Head ...	29.82	48	SSW	6	c	29.42	- 64	51	51	+ 3	SSW	7	r	5	rh, ogyp	#	51	41	0.42	
	Belmullet ...	29.93	49	1	6	ogyp	29.62	- 43	52	52	+ 3	SSW	8	ogyp	#	ogyp	#	52	48	0.85	
	Donaghadee ...	29.99	48	SW	6	c	29.65	- 63	51	51	+ 5	SW	6	ogyp	4	c	#	51	45	0.32	
	Liverpool (Bidston) ...	30.24	48	SSW	4	o	29.97	- 48	51	48	+ 4	SSW	5	0	5	bc, o	#	52	47	0.05	
	Holyhead ...	30.19	47	SSW	7	ogdm	29.89	- 51	48	48	+ 2	SSW	8	ogym	7	gym, d	#	48	44	0.13	
	Parsonstown ...	30.10	50	SW	1	o	29.80	- 49	54	52	+ 6	SW	4	or	#	o, r	0.0	54	47	0.22	
	Valencia ...	30.12	52	SSW	4	o	29.93	- 33	53	52	+ 4	SSW	6	ogym	6	r, ogym	0.1	53	48	0.60	
	Roshe's Point ...	30.22	50	SSW	6	r	30.00	- 37	51	51	+ 3	SW	7	r	5	r	#	53	48	0.20	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.) ...	30.22	47	SW	5	o	30.06	- 40	48	46	+ 3	SSW	6	0	5	0	0.0	48	45	0.04	
	Scilly ...	30.40	50	SSW	5	o	30.23	- 29	51	49	+ 4	SW	6	opm	6	c, o	0.1	51	46	-	
	Prawle Point ...	30.48	47	SSW	5	c	30.31	- 30	46	45	+ 1	SW	6	c	5	c	#	47	44	-	
	Jersey (St. Aubin's) ...	30.53	49	SSW	2	bm	30.45	- 21	48	47	+ 3	SW	3	om	3	bc, bm, og	#	52	45	-	
	Hurst Castle ...	30.48	46	SW	4	o	30.33	- 27	47	46	+ 1	SW	5	ou	3	o	#	49	45	-	
	Dungeness ...	30.49	46	SW	3	o	30.32	- 30	45	44	+ 1	SSW	5	c	4	c, o	#	47	43	-	
	North Foreland ...	30.49	45	SSW	2	c	30.29	- 33	45	44	0	SSW	4	0	3	o, c	#	49	43	-	
	London (Brixton) ...	30.46	47	SW	4	c	30.27	- 33	48	45	+ 2	SSW	4	0	#	o, c, ogyp	0.0	50	44	-	
	Oxford ...	30.42	46	SW	3	o	30.22	- 37	48	46	+ 2	SW	4	ogyp	#	o, ogyp	0.0	49	45	-	
	Cambridge ...	30.40	46	SW	5	ogyp	30.19	- 40	48	46	+ 8	SW	5	0	#	ogyp	0.0	49	39	-	
GERMANY & HOLLAND.	Yarmouth ...	30.37	46	SW	4	c	30.15	- 39	47	45	+ 4	SW	4	c	3	c	#	48	41	-	
	Cuxhaven ...	30.46	39	SW	2	bc	30.23	- 22	41	41	+ 4	SW	3	c	#	bc	#	45	37	-	
	Berlin ...	30.52	43	1	1	o	30.43	- 03	39	37	- 5	SW	3	0	#	0	#	45	37	-	
	Wiesbaden ...	#	#	#	#	#	30.56	- 08	42	41	- 1	W	2	0	#	#	#	48	?	-	
	Munich ...	30.62	38	1	3	b	30.63	- 05	30	30	- 3	W	0	f	#	b	#	48	28	-	
	The Helder ...	30.45	42	SW	4	o	30.22	?	42	41	+ 2	SW	4	c	2	0	#	43	40	-	
	Brussels ...	#	#	#	#	#	30.44	- 23	44	42	+ 2	SSW	5	0	#	0	#	48	42	-	
	Cape Gris Nez ...	30.49	43	SW	4	o	30.35	- 25	43	42	- 1	SW	5	0	4	0	#	50	41	-	
	Paris ...	30.62	51	SE	2	c	30.52	- 19	39	38	+ 5	S	2	3	#	c	#	57	34	-	
	Brest ...	30.53	49	S	5	o	30.41	- 19	50	50	+ 4	SW	4	0	4	0	#	52	43	-	
FRANCE & BELGIUM.	Lorient ...	30.58	46	SSW	3	b	30.52	- 12	49	46	+ 5	SW	4	0	4	b	#	55	41	-	
	Rochefort ...	30.61	57	1	2	b	30.59	- 07	45	45	0	S	3	f	#	b	#	63	43	-	
	Belfort ...	30.60	46	E	2	m	30.60	- 05	37	31	- 3	W	0	f	#	m	#	55	30	-	
	Lyons ...	30.64	45	1	1	b	30.64	- 05	37	36	- 2	E	1	3	#	b	#	54	36	-	
	Nice ...	30.52	53	2	0	b	30.51	- 04	49	42	+ 5	E	2	b	2	b	#	61	44	-	
	Perpignan ...	30.56	51	S	1	b	30.58	- 02	46	43	+ 4	HW	2	b	#	b	#	61	39	-	
	Biarritz ...	30.56	52	1	2	b	30.58	- 04	45	44	- 3	SE	3	b	2	b	#	59	45	-	
	Corunna ...	#	#	#	#	#	30.44	- 23	44	42	+ 2	SSW	5	0	#	0	#	48	42	-	
	Lisbon ...	30.59	56	1	1	b	30.61	+ 01	52	50	+ 2	HW	1	b	#	b	#	64	50	-	
	Azores (P. Delgada) ...	30.52	59	SE	3	bc	30.49	- 01	59	55	+ 5	S	4	c	3	bc	#	64	54	-	

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 4.8 hrs; Brighton 0.6 hrs; Eastbourne 1.0 hrs; Hastings 0.4 hrs;

WEATHER CHARTS

FOR Thursday, 25th February, 1897.

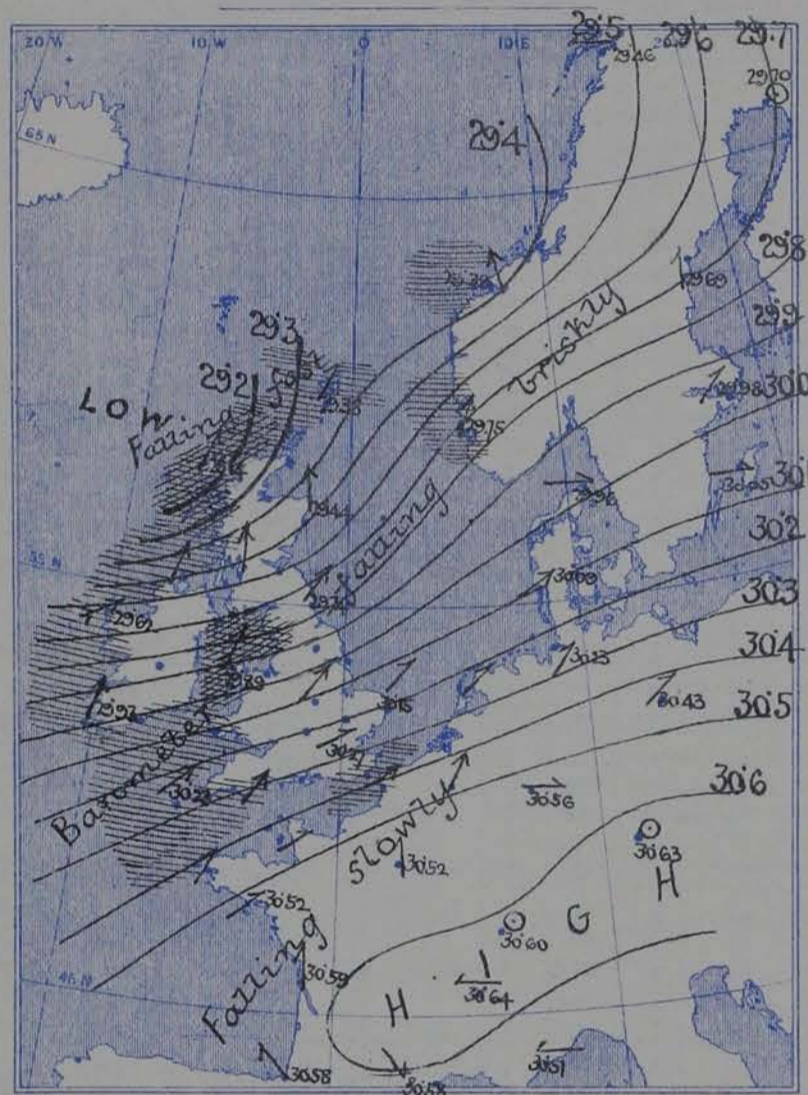
BAROMETER, WIND AND SEA.

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 ≡≡≡

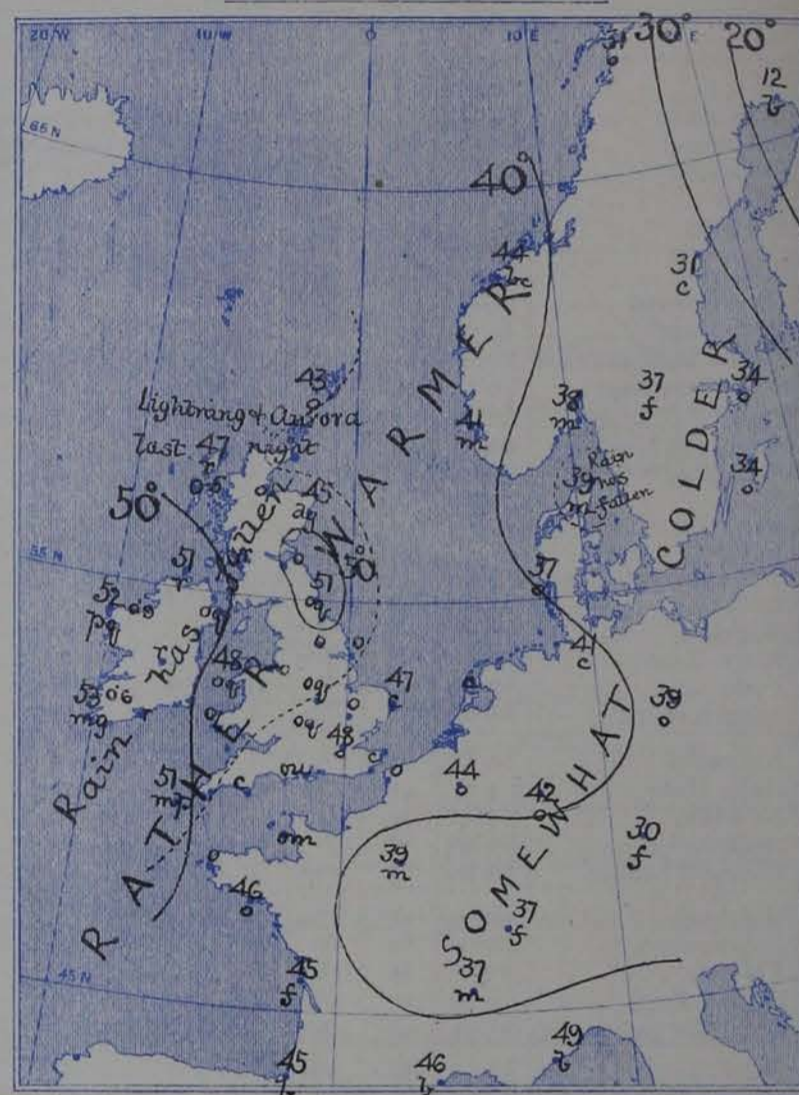


TEMPERATURE & WEATHER.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1852	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	23
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30° C. and upwards in ^{the} Antilles lying over South Germany and the central and southern parts of France, and also in another system over Portugal.

Lowest, 29.2 in. and less, in a depression having its centre off the northwest of Scotland.

Gradients steep over the greater part of our Islands and the North Sea, but moderate or slight elsewhere.

Barometer falling at all but the southern French stations - quickly in the north of our Islands.

TEMPERATURE

Highest, (1) 54° at Passmoretown, 53° at Kileinea (Ireland) and 52° at Lich and Belmullet; (2) 52° at Lisbon and 49° at Nice.
Lowest, (1) 12° at Hafavanda, and 31° at Bodo and Hermand; (2) 30° at Munich, and 37° at Lyons and Belfast.
 During yesterday the thermometer rose to 50° and upwards in many parts of the United Kingdom and to 55° at Nain.

WIND

SW³ over northwestern Europe generally, and strong in force on all our western and northern coasts, with a gale at Balaclava and Holyhead. Light from the Snd or SEnd in the southwest of France. Moderate to strong gales from S. or SW. were experienced yesterday on all parts of our north and northwest coasts.

WEATHER

Cloudy or dull generally, with rain in many parts of Ireland and Scotland.
Foggy or misty at several of the French and German stations, but fine and bright in the extreme south of France.
Rain fell yesterday in the west and north of our Islands, the largest amounts being 0.3 in. at Belmullet, and 0.3 in. at Valencia (Ireland).
Lightning was seen at Bannow and Wick, and an aurora also at the latter station.

SEA

High at Homsø and Holshead, and rough or rather so on our western and northern coasts generally, as well as off the coast of Norway.


PROBABLE CHANGES IN SYSTEM NOW PREVALENT


Depressions continue to pass in quick succession along our extreme northwestern and northern coasts, and gales or very strong winds from the SW^w seem likely to continue for a time over the greater part of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 26TH FEB^R 1897.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
ft 0	SCOTLAND NORTH	$S^{\frac{3}{4}}$ and $SW^{\frac{3}{4}}$ winds, strong to a gale at first but moderating later, squally, some rain.	ft 6	SCOTLAND WEST	$SW^{\frac{3}{4}}$ strong winds and gales, moderating later; squally, some rain.
ft 1	SCOTLAND EAST		ft 7	ENGLAND N.W.	
ft 2	ENGLAND N.E.	$SW^{\frac{3}{4}}$ winds, strong to a gale; squally, some rain.	ft 8	ENGLAND S.W.	Same as Nos 3 to 5.
3	ENGLAND EAST	$SW^{\frac{3}{4}}$ winds, strong; cloudy, squally, some showers.	ft 9	IRELAND NORTH	Same as Nos 6 and 7.
4	MIDLAND COUNTIES		ft 10	IRELAND SOUTH	Same as Nos 3 to 5.
5	ENGLAND SOUTH		WARNINGS		At 10.0 am today to districts 0 and 6. Keep up S. Cone, and to district 2 Hoist South Cone. The signals are still flying in districts 1, 7, 8 and 10.

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 ...	30.30	44	41	WtW	4	6	3	Valencia ...	30.11	51	50	S	7	r	6
Sumburgh Head	29.80	43	42	S	4	0	5	Scilly ...	30.46	50	48	S	5	c	5
Stornoway ...	29.62	46	45	SSW	9	r	9	Jersey ...	30.60	52	50	S	3	bc	3
Aberdeen ...	29.91	45	42	SSW	7	o g q	5	Hurst Castle ...	30.55	48	45	SSW	4	o	2
Shields ...	30.17	48	45	ESE	3	cu	2	Dungeness ...	30.56	46	45	SW	3	c	2
Ardrossan ...	29.95	47	46	S	4	cp	3	North Foreland	30.67	47	45	SW	3	o	2
Malin Head ...	29.74	47	46	S	7	r	4	London (Westminster)	30.52	50	45	SSW	3	o	#
Belmullet ...	29.91	50	50	WSW	8	c g p	#	Yarmouth ...	30.45	47	44	SW	3	c	3
Holyhead ...	30.21	47	46	S	8	o g m	7	Rochefort ...	30.63	56	55	WtW	2	6	#

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

Weather in morning fine at a few of the Irish and Scotch stations but dull over the United Kingdom generally. Fine in most parts of Sweden, Denmark, and Holland, as well as in all the more southern parts of Europe, but foggy over Central France, and dull in Germany and Russia and also in the west of Norway, rain falling at Trondheim and Narvik, as well as at Rostock and snow at St. Petersburg. Rain falling later in the west and north of our Islands generally, - heavily in the Hebrides and west of Ireland. Lightning seen at night in the north of Scotland and an aurora at Wick.

Temperatures fallen in most of the western and southern countries and also in Russia, risen elsewhere, - especially in Sweden. Morning readings, 58° at Malta, 56° at Barcelona, and 55° at Algiers and Aumale; above 50° at several of the Mediterranean stations, and very little below it in the west of Ireland. Lowest -27° at Archangel, +1° at Moscow, 18° at Kiovia and 19° at St. Petersburg. Rising during day to 50° and upwards in many parts of the United Kingdom and reaching 55° at Narvik; slightly exceeding 60° in the extreme south of France and touching 64° at Lisbon.

Wind S or SW in our Islands, light to fresh in force generally, but blowing a gale at Belmullet. Strong to a gale from the NW on the west coasts of Norway, moderate to strong from the W over Sweden, Denmark, Germany, and Austria; S or SE over the northern parts of Russia. N in Italy, NE over the Spanish Peninsula, E in the west of France. Subsequently increasing to a gale from the S or SW on our own north and northwest coasts; no important change occurring elsewhere.

Barometer highest 30.7 in. and upwards over Central France; 30.4 in. and upwards in an anticyclone embracing the more central and southern parts of the Continent, and extending over nearly the whole of England. Lowest 29.1 in. and less in a deep depression over the north of Norway; 30.0 in. and less in another disturbance approaching our extreme northwest coasts. Latter system subsequently travelling northwards, and barometer falling quickly in 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 " " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on

Friday, 26th February, 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 ...	29.40	21	S	2	S	29.28	-42	31	31	+19	Z	0	f	#	S	#	31	9	0.08	
	Hernösand ...	29.30	35	S	2	O	29.20	-49	33	33	+2	Z	0	f	#	O	#	41	25	0.08	
	Stockholm ...	29.52	38	Z	0	T	29.26	-72	41	39	+7	W	6	0	#	T	#	41	34	0.24	
	Wisby ...	29.65	36	SW	6	T	29.38	-67	38	37	+4	W	6	6	#	T	#	38	28	0.20	
	Karlstad ...	29.38	36	SSW	6	T	29.34	-51	43	40	+6	SSW	4	6	#	f.T	#	#	#	0.12	
	Bodö ...	29.16	32	E	6	S	29.21	-25	32	29	+1	E	4	6	1	S	#	32	28	-	
	Christiansund ...	28.95	41	SE	6	T	29.20	-19	42	41	-2	W	9	7	7	T	#	46	41	0.24	
	Skudesnaes ...	29.32	45	SW	8	O	29.52	-23	42	42	+1	S	6	7	5	f.O	#	45	39	#	
	Færder (Christiania Fjord)	29.32	38	S	6	O	29.39	-42	41	39	+3	SW	6	0	5	O	#	41	37	0.12	
	Skagen (The Scaw)	29.45	43	WSW	7	T	29.60	-36	41	40	+2	W	4	1	1	T	#	43	36	0.28	
Fanö ...	29.75	41	SW	6	O	29.78	-31	40	39	+3	W	6	6	#	O	#	41	37	0.08		
BRITISH ISLANDS.	Sumburgh Head	28.90	48	SW	7	T	29.24	-14	46	46	+3	W	5	0	6	T.O	#	50	43	0.35	
	Stornoway ...	29.21	49	W	7	O	29.43	-29	45	44	-2	W	4	4	4	O	#	52	42	0.30	
	Wick ...	29.21	46	W	6	bc	29.32	+05	49	47	+5	W	6	6	2	bc	#	53	43	0.05	
	Nairn ...	29.28	53	WSW	5	C	29.46	+14	52	51	+4	WSW	4	3	3	C	#	58	46	0.27	
	Aberdeen ...	29.35	55	SW	7	bcq	29.55	+11	56	48	+11	SW	5	3	3	bcq	#	59	45	-	
	Leith ...	29.53	51	W	4	T	29.71	+19	55	52	+3	WSW	4	6	#	T	#	57	45	0.22	
	Shields ...	29.66	53	SW	4	C	29.81	+07	54	51	+3	SW	4	2	2	cp	#	57	49	0.01	
	Spurn Head ...	29.65	52	SW	6	O	30.00	+01	51	49	+4	WSW	3	3	3	O	#	52	47	-	
	York ...	29.84	55	SW	4	O	29.96	+04	53	51	+3	SSW	2	0	#	O	#	55	49	-	
	Loughborough ...	30.00	54	WSW	6	O	30.09	00	51	48	+4	WSW	2	0	#	bcq	#	54	47	-	
GERMANY & HOLLAND.	Ardrossan ...	29.60	49	SW	3	O	29.74	+19	48	47	0	S	4	0	4	T.O	#	52	46	0.47	
	Malin Head ...	29.52	52	SW	8	O	29.64	+22	51	50	0	SSW	5	3	3	O	#	54	49	0.14	
	Belmullet ...	29.66	52	WSW	8	om	29.71	+09	50	50	-2	WSW	6	0	#	om	#	53	48	0.13	
	Donaghadee ...	29.68	56	WSW	7	cq	29.81	+16	55	53	+4	WSW	6	0	4	cq	#	57	49	0.09	
	Liverpool (Bidston)	29.91	52	SW	6	O	30.00	+03	52	48	+1	SW	6	0	4	O	#	54	50	0.02	
	Holyhead ...	29.89	49	SSW	8	fq	29.99	+10	48	47	0	SW	7	6	6	df.fq	#	49	47	-	
	Parsonstown ...	29.83	54	SW	3	f	29.88	+08	54	51	0	SW	3	0	#	df	#	57	52	0.02	
	Valencia ...	29.93	53	SSW	7	om	29.92	-01	52	51	-1	S	6	6	6	om	#	54	51	0.02	
	Roche's Point ...	30.00	52	SW	7	T	30.02	+02	50	49	-1	WSW	5	4	4	T	#	53	49	0.15	
	Pembroke (St. Ann's Hd.)	30.09	48	W	6	f	30.12	+06	48	46	0	SW	5	5	5	of	#	49	47	-	
FRANCE & BELGIUM.	Seilly ...	30.21	51	SSW	5	m	30.23	00	51	49	0	SW	4	0	7	om	#	53	48	-	
	Prawle Point ...	30.27	48	SW	6	O	30.28	-03	47	46	+1	SW	4	0	3	og	#	48	46	-	
	Jersey (St. Aubin's)	30.37	51	SW	4	og	30.37	-08	48	46	0	SW	4	6	3	c.gr	#	54	46	0.02	
	Hurst Castle ...	30.25	48	SW	6	O	30.27	-06	47	46	0	WSW	4	0	3	om	#	48	46	-	
	Dungeness ...	30.22	47	SW	6	O	30.24	-08	47	45	+2	WSW	6	0	4	O	#	48	44	-	
	North Foreland	30.20	49	SW	6	O	30.21	-08	49	48	+4	SW	4	0	3	O	#	50	45	-	
	London (Brixton) ...	30.20	50	SW	5	og	30.22	-05	51	48	+3	WSW	3	0	#	og	#	51	47	-	
	Oxford ...	30.14	51	SW	7	O	30.19	-03	50	47	+2	WSW	4	0	#	og.qd	#	52	48	-	
	Cambridge ...	30.09	53	SW	6	O	30.13	-06	51	47	+3	SW	5	6	#	O	#	53	46	-	
	Yarmouth ...	30.02	50	SW	6	cq	30.07	-08	51	46	+4	WSW	5	6	3	c.cq	#	51	45	-	
PENIN- SULA.	Cuxhaven ...	30.02	45	SW	6	O	29.98	-25	45	45	+4	SW	4	3	#	O.T	#	46	41	0.16	
	Berlin ...	30.17	45	SW	4	O	30.06	-37	49	47	+10	W	5	0	#	O	#	49	39	0.12	
	Wiesbaden ...	#	#	#	#	#	30.33	-23	47	45	+5	W	3	0	#	#	#	50	42	-	
	Munich ...	30.51	43	SW	4	bc	30.45	-18	49	42	+19	SW	5	0	#	bc	#	50	30	-	
	The Helder ...	30.00	43	SW	6	T	30.09	-13	43	43	+1	SW	5	5	2	T	#	45	42	0.08	
	Brussels ...	#	#	#	#	#	30.30	-14	48	46	+4	SW	6	0	#	O	#	55	44	-	
	Cape Gris Nez ...	30.28	46	SW	6	O	30.27	-08	46	45	+3	SW	5	0	5	O	#	46	41	-	
	Paris ...	30.44	54	SW	2	bc	30.44	-08	44	43	+5	SSW	3	0	#	bc	#	58	39	-	
	Brest ...	30.39	51	SW	3	O	30.35	-06	50	48	0	SSW	3	0	4	O	#	51	46	-	
	Lorient ...	30.42	48	SW	4	O	30.42	-10	47	45	-2	SSW	4	0	4	O	#	54	45	-	
PENIN- SULA.	Rochefort ...	30.58	53	SW	4	C	30.54	-05	46	46	+1	S	3	3	#	O.C	#	57	45	-	
	Belfort ...	30.55	46	W	2	m	30.49	-11	45	42	+8	W	2	0	#	m	#	54	37	-	
	Lyons ...	30.60	50	N.E.	1	C	30.60	-04	39	38	+2	N	1	0	#	C	#	55	36	-	
	Nice ...	30.53	53	Z	0	6	30.54	+03	55	41	+6	E	1	0	#	6	#	64	48	-	
	Perpignan ...	30.55	55	S	1	m	30.54	-04	39	35	-7	SW	1	6	#	m	#	68	37	-	
	Biarritz ...	30.56	52	E	2	6	30.46	-12	43	41	-2	SSW	2	5	5	6	#	61	43	-	
PENIN- SULA.	Corunna ...	#	#	#	#	#	30.30	-14	48	46	+4	SW	6	0	#	O	#	55	44	-	
	Lisbon ...	30.52	60	NW	3	6	30.50	-11	48	47	-4	NNE	3	0	#	6	#	66	48	-	
	Azores (P. Delgada)	30.48	60	WSW	4	bc	30.42	-07	60	58	+1	WSW	4	0	3	bc	#	61	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 0.0 hrs; Brighton 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.0 hrs;

WEATHER CHARTS

FOR *Friday, 26th February, 1897.*

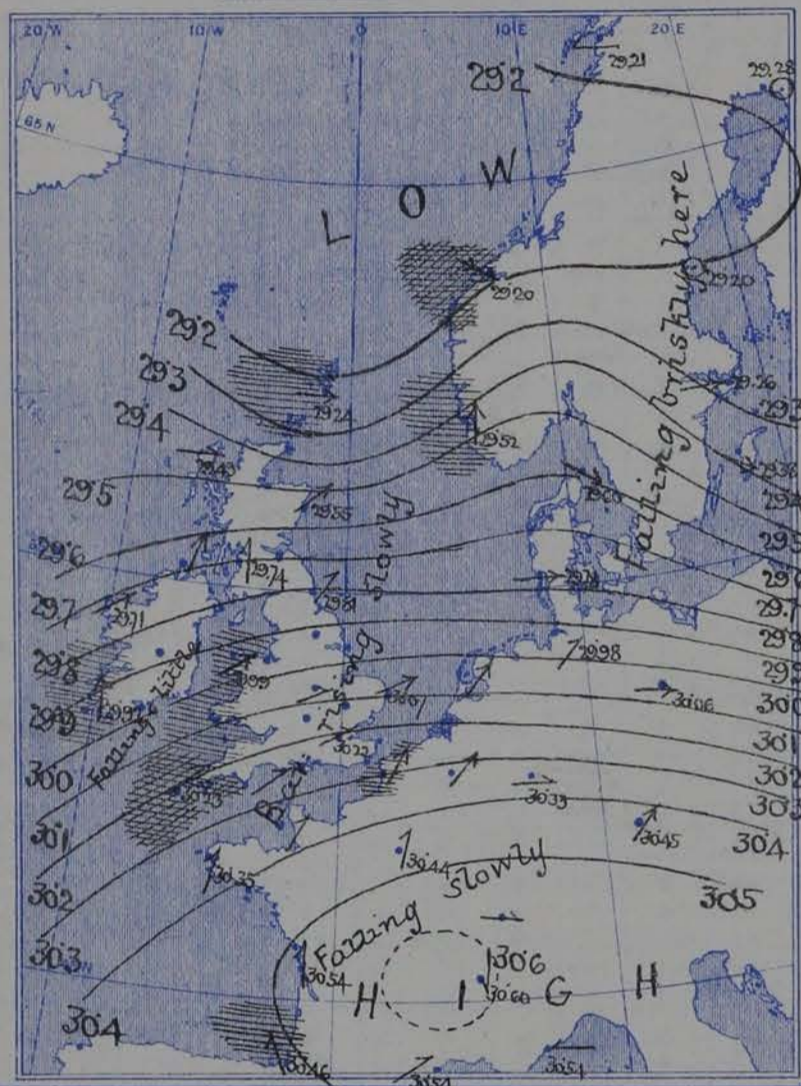
BAROMETER, WIND AND SEA.

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 FEBRUARY.

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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.5 in. and upwards, in an anticyclone lying over the central and southern parts of France.
 Lowest, 29.2 in. and less, in a large depression extending from the Atlantic over the northern part of Scandinavia.
 Gradients slight over France and also over Scandinavia, moderate or rather steep elsewhere.
 Barometer rising in most parts of our Islands, as well as on the eastern shores of the North Sea, but falling a little at Valencia (Ireland).

TEMPERATURE

Highest, 56° at Aberdeen, 55° at Perth and Donaghadee, 54° at Shields and Parsonstown, and 53° at York.
 Lowest, 31° at Hafnarfjörður, 32° at Rode, 33° at Helsingfors, and 38° at Vitebsk; lowest in our Islands 45° at Stromness.
 During yesterday the thermometer rose to 55 and upwards at several stations in Ireland and the northern parts of Great Britain, to 58° at Kinnaird and to 59° at Aberdeen.

WIND

SW over the greater part of our Islands, the Netherlands, and the north of France, but S at Valencia (Ireland); strong in force at several of our western stations.
 Fresh or strong from the W in the north of Scotland, as well as at many of the Scandinavian and Danish stations, but SW in the south of Norway, and calm over the northern parts of Sweden.
 Light from the SW in the west of France; variable in the south of that country.

WEATHER

Cloudy or dull over Western Europe as a whole, with fog at Holyhead and the Hebrides, as well as in the northern part of Sweden, and with rain in the east of France on the east coasts of Great Britain, as well as in Denmark, the south of Sweden and the extreme south of France.
 Rain fell yesterday in the south and north of our Islands, and also over the northern parts of the Continent; the largest amount being 0.5 in. at Anderson. A solar halo was seen at Dree, and a bright aurora at Aberdeen.

SEA

High at Scilly, and also at Christiansund, rough or rather so on most parts of our western coasts, as well as at Cape Gierke and on the Norwegian coast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The slight fall of the barometer at Valencia (Ireland) seems to indicate the approach of fresh disturbances, the size and intensity of which are at present unknown. Mild unsettled weather is likely to continue for a time in most districts.

FORECASTS

For the 24 hours ending at NOON on 27th FEB: 1897.

DISTRICTS.

FORECASTS.

10	SCOTLAND NORTH	W ² to SW ² winds, strong; dull, some rain.
1	SCOTLAND EAST	SW ² winds, freshening; fair at first, some rain later.
2	ENGLAND N.E.	
3	ENGLAND EAST	SW ² winds, increasing in force; fair at first, some rain later.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	S ² and SW ² winds, increasing in force; dull, some rain.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	SW ² to W ² winds, strong, a gale in places; squally, some rain.
10	IRELAND SOUTH	
WARNINGS		At 7 pm yesterday to districts 3 and 5. "HOIST SOUTH CONE". The signals are flying also in districts 2, 6, 8, 10, and parts of 0 and 9.

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

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 ...	29.47	42	41	SSW	4	f	6	Valencia ...	29.92	54	53	SW	7	om	7
Sumburgh Head	28.91	47	47	SW	5	f	6	Scilly ...	30.21	52	50	SSW	5	om	6
Stornoway ...	29.07	52	49	WSW	8	o	9	Jersey ...	30.38	52	50	WSW	3	c	3
Aberdeen ...	29.26	50	52	SW	9	cq	6	Hurst Castle ...	30.25	48	46	SW	6	om	4
Shields ...	29.63	56	54	SW	4	c	2	Dungeness ...	30.22	46	45	SW	6	o	5
Ardrossan ...	29.51	48	48	S	5	r	4	North Foreland	30.20	49	48	SW	6	o	5
Malin Head ...	29.42	53	51	SW	0	o	5	London (Westminster)	30.19	52	49	SW	5	oq	#
Belmullet ...	29.67	52	52	SW	8	om	*	Yarmouth ...	30.05	51	49	WSW	5	c	4
Holyhead ...	29.58	49	48	SSW	8	gfg	7	Rocheport ...	30.59	54	54	WSW	3	o	#

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

Weather in morning cloudy or dull over western and central Europe generally, with rain in many parts of Ireland and Scotland, and with fog or mist at several of the Continental stations. Fine and bright over the southern countries, as well as many stations in the northern part of Russia and Scandinavia, but snow falling at Archangel. Rain occurring later in the west and north of our Islands generally and also over the northern parts of the Continent. Bright Aurora seen at Aberdeen.

Temperature risen in most of the western and southern countries, but fallen elsewhere. Morning readings highest (1) 57° at Malta, 56° at Sanquhar and 55° at La Caille; (2) 54° at Kronoborn 53° at Valencia (Ireland); above 50 at several of our own western and northern stations. Lowest -6° F. at Moscow, +3° at Archangel, 11° at Uleaburg and 12° at Hafslund. Rising during day to 55° and upwards at several stations in Ireland and the northern parts of Great Britain and to 59° at Aberdeen; exceeding 60° in the south of France and reaching 68° at Capesman.

Wind SW over northwestern Europe generally and strong to a gale in force on our own western and northern coasts. Light from the NW over Russia, variable in nearly all the more southern countries. Subsequently increasing to a strong breeze at the English Channel stations; no important change occurring elsewhere.

Barometer highest 30.6 in. and upwards in two areas, one lying over Portugal and the other over Central France and South Germany; 30.3 in. and upwards, in an anticyclone embracing the entire southern half of Europe. Lowest 29.2 in. and less, in a well-marked depression having its centre off the northwest of Scotland. Gradient steep over our Islands and the North Sea. Depression subsequently travelling northwards and barometer rising on our extreme western coasts.

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 27th February, 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.	
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.			
Haparanda ...	29.47	19	N	2	bc	29.53	+ .25	8	8	- 23	N	2	b	#	bc	#	31	8	-			
Hernösand ...	29.38	33	L	0	f	29.31	+ .11	25	24	- 8	NE	6	s	#	f	#	36	25	-			
Stockholm ...	29.45	42	W	2	o	29.31	+ .05	43	39	+ 2	W	6	b	#	o	#	46	34	-			
Wisby ...	29.60	41	WSW	4	b	29.54	+ .16	40	38	+ 2	W	6	bc	#	b	#	45	32	-			
Karlstad ...	29.53	39	SSW	2	b	29.38	+ .04	41	36	- 2	WSW	6	b	#	b	#	#	#	-			
Bodö ...	29.28	31	E	4	b	29.32	+ .11	30	26	- 2	ESE	6	c	2	b	#	34	28	-			
Christiansund ...	29.32	43	WSW	3	r	29.34	+ .14	39	37	- 3	W	3	r	5	r	#	43	36	0.67			
Skudesnaes ...	29.56	43	SW	6	r	29.77	+ .25	40	38	- 2	W	8	bc	5	bc, r	#	46	37	#			
Færder (Christiania Fjord)	29.55	42	WSW	5	b	29.48	+ .09	41	37	0	W	9	b	4	b	#	42	41	-			
Skagen (The Scaw)	29.69	42	W	4	b	29.70	+ .10	39	37	- 2	WNW	6	b	2	b	#	45	37	-			
Fanö ...	29.92	39	WSW	6	o	29.99	+ .21	37	37	- 3	WSW	6	b	#	o	#	45	37	-			
Sumburgh Head	29.27	47	W	4	o	29.64	+ .40	34	34	- 12	WNW	6	s	6	bc, o	#	48	34	0.19			
Stornoway ...	29.49	43	WNW	5	r	29.88	+ .25	37	36	- 8	W	4	o	4	rg, c, r	1.6	47	32	0.34			
Wick ...	29.37	42	NW	5	bc	29.83	+ .51	35	34	- 14	NW	3	bc	3	bc, sp	#	49	34	0.16			
Nairn ...	29.46	43	WSW	4	r	29.92	+ .46	36	35	- 16	W	2	b	1	p	#	57	32	0.12			
Aberdeen ...	29.56	49	SW	8	bc, w	29.97	+ .42	41	36	- 15	SW	3	b	2	cp, bc, w	7.8	61	36	-			
Leith ...	29.72	47	W	3	c	30.08	+ .37	40	38	- 15	WSW	3	b	#	c	#	58	38	0.09			
Shields ...	29.82	52	SW	4	c	30.18	+ .37	40	38	- 14	SW	3	b	2	c	#	58	38	-			
Spurn Head ...	29.97	51	SW	5	c	30.24	+ .24	42	41	- 9	W	4	b	3	c	#	55	40	-			
York ...	29.93	55	WSW	4	o	30.25	+ .29	38	37	- 15	W	1	b	#	o	2.0	56	37	0.01			
Loughborough ...	30.06	53	SW	3	c	30.30	+ .21	38	37	- 13	WNW	1	bc	#	cp, bc	#	56	37	0.01			
Ardrossan ...	29.76	47	WSW	5	bc	30.14	+ .40	42	41	- 6	WSW	5	bp	4	o, bc	#	48	39	0.26			
Malin Head ... †	29.81	43	W	5	bc, r	30.16	+ .52	38	38	- 13	WNW	4	ch, r	3	bc, r	#	51	36	0.12			
Belmullet ...	29.96	45	WNW	3	b	30.33	+ .62	44	41	- 6	W	3	b	#	cp, b	#	51	39	0.08			
Donaghadee ...	29.89	49	WNW	6	c	30.26	+ .45	36	35	- 19	W	4	bc	2	p, c	#	55	34	0.08			
Liverpool (Bidston)	29.97	52	SW	5	o	30.29	+ .29	41	38	- 11	SW	3	b	3	o	#	55	40	-			
Holyhead ...	30.00	48	SW	6	om	30.31	+ .32	42	40	- 6	W	3	b	2	ogf, om	#	49	39	-			
Parsonstown ...	29.99	49	NW	3	bc	30.34	+ .46	36	34	- 14	L	0	bc	#	rg, bc, r	1.7	55	33	0.05			
Valencia ...	30.12	50	WSW	5	bc, m	30.39	+ .47	38	36	- 14	NNE	1	b	4	o, c, bc, m	2.7	53	35	0.02			
Roche's Point ...	30.09	50	W	4	bc	30.38	+ .36	40	38	- 10	N	2	b	3	bc	#	54	38	-			
Pembroke (St. Ann's Hd.)	30.17	48	WSW	5	o	30.35	+ .23	43	42	- 5	NE	2	b	4	o	0.0	49	42	-			
Seilly ...	30.22	50	SSW	4	m	30.33	+ .10	48	47	- 3	N	3	c	5	c, bc, m	3.0	54	46	-			
Prawle Point ...	30.24	47	SW	6	o	30.35	+ .07	45	44	- 2	NE	3	c	2	o, r, m	#	48	43	0.02			
Jersey (St. Aubin's)	30.34	50	WSW	3	bc	30.35	- .02	47	47	- 1	SW	3	f, d	3	bc, om	#	54	46	0.01			
Hurst Castle ...	30.25	47	SW	4	cm	30.31	+ .04	45	44	- 2	WSW	1	cm	2	cm	#	50	44	-			
Dungeness ...	30.22	47	WNW	6	c	30.30	+ .06	44	44	- 3	WSW	2	f	1	c	#	51	42	-			
North Foreland	30.20	50	SW	4	c	30.28	+ .07	45	45	- 4	W	3	ow	2	c	#	55	43	-			
London (Brixton) ...	30.20	49	WSW	3	c	30.31	+ .09	45	43	- 6	WNW	2	c	#	bc, c, o	3.3	58	44	-			
Oxford ...	30.17	49	WSW	5	o	30.32	+ .13	41	39	- 9	WNW	2	bc	#	og, c	#	56	40	-			
Cambridge ...	30.14	52	SW	3	b	30.31	+ .18	41	40	- 10	SW	1	bc	#	b	7.2	58	38	-			
Yarmouth ...	30.07	53	SW	4	b	30.25	+ .18	44	42	- 7	WNW	3	b	2	b	#	56	42	-			
Cuxhaven ...	30.06	45	SW	4	o	30.12	+ .14	41	41	- 4	W	2	c	#	o	#	46	41	-			
Berlin ...	30.16	49	W	4	r	30.15	+ .09	47	44	- 2	W	4	o	#	r	#	49	45	-			
Wiesbaden ...	#	#	#	#	#	30.32	- .01	41	39	- 6	SW	1	c	#	#	#	57	39	-			
Munich ...	30.42	51	SW	5	b	30.37	- .08	44	40	- 5	SW	3	c	#	b	#	59	41	-			
The Helder ...	30.11	43	SW	4	o	30.21	+ .12	42	41	- 1	W	1	b	1	o	#	45	42	-			
Brussels ...	#	#	#	#	#	30.33	+ .03	43	43	- 5	SW	2	f	#	b	#	59	41	-			
Cape Gris Nez ...	30.25	46	W	5	o	30.27	- .00	44	44	- 2	W	2	f	2	o	#	48	41	-			
Paris ...	30.39	55	S	2	bc	30.36	- .08	41	41	- 3	N	2	m	#	bc	#	62	39	-			
Brest ...	30.34	49	SW	2	o	30.33	- .02	50	50	0	SW	2	o	4	o	#	50	48	-			
Lorient ...	30.38	45	W	3	c	30.34	- .08	45	44	- 2	SSE	1	c	4	c	#	52	43	-			
Rocheport ...	30.44	54	W	1	m	30.36	- .18	43	43	- 3	NE	3	m	#	m	#	59	41	-			
Belfort ...	30.43	51	W	2	o	30.34	- .15	44	39	- 1	SW	2	o	#	o	#	58	40	-			
Lyons ...	30.45	53	WNW	1	c	30.34	- .26	43	41	+ 4	E	1	c	#	c	#	59	39	-			
Nice ...	30.38	51	L	0	c	30.33	- .21	47	46	- 8	L	0	c	3	c	#	63	47	-			
Perpignan ...	30.42	53	L	0	b	30.35	- .19	38	36	- 1	L	0	o	#	b	#	66	36	-			
Biarritz ...	30.32	65	E	4	bc	30.28	- .18	48	48	+ 5	WSW	2	c	5	bc	#	69	43	-			
Corunna ...	#	#	#	#	#	30.32	- .18	47	46	- 1	NE	3	f	#	b	#	66	47	-			
Lisbon ...	30.38	58	NNW	4	b	30.49	+ .01	54	49	- 6	NE	4	c	2	b	#	64	52	-			
Azores (P. Delgada)	30.48	54	NNE	5	b																	

For Explanation of Columns, see bottom of last page.

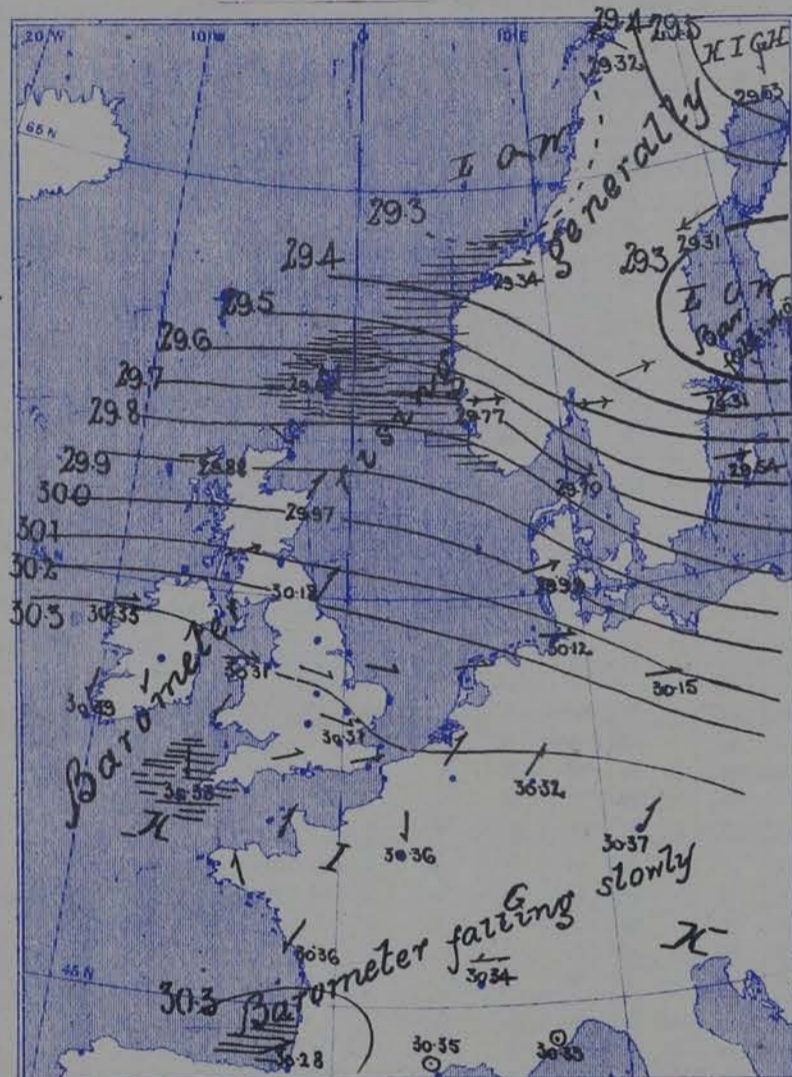
† Received too late for Insertion in Charts on next page.

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

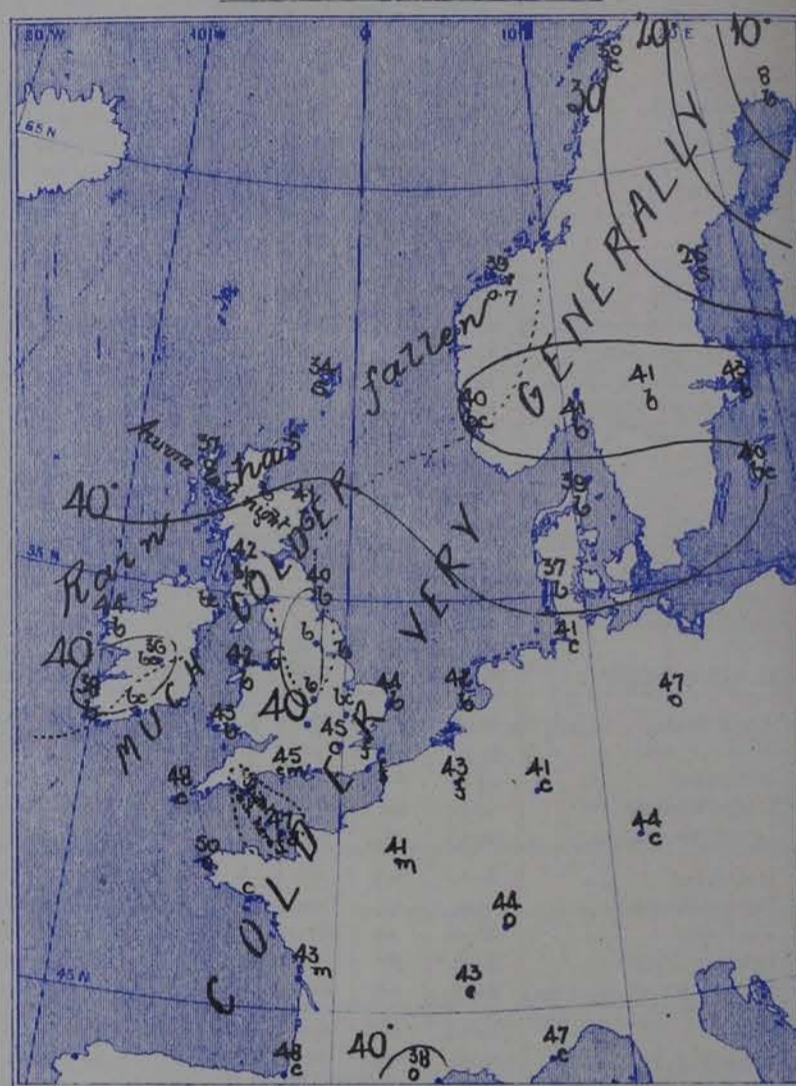
Bright Sunshine yesterday Southport 0.8 hrs; Brighton 1.2 hrs; Eastbourne 2.5 hrs; Hastings 1.6 hrs;

FOR SATURDAY, 27 FEBRUARY 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	29.772	38.6	37.2	42.2	34.4	51	1887, 91,	17	1895	3.11	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	1891	12	1892	3.80	63.6	25
Wick	29.800	37.7	36.4	42.9	32.9	59	1878	2	1895	2.16	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	1891	0	1895	1.65	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	1878, 83	6	1895	2.26	73.4	28
Leith	29.873	38.1	36.7	45.5	33.9	59	1882	12	1895	1.51	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	1887	7	1895	1.50	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	1891	20*	1895	1.32	—	—
York	29.945	37.0	36.0	44.4	33.2	59	1872, 78	3	1895	1.68	60.0	22
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	1891	— 5*	1895	1.71	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	1891	13	1895	2.93	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	—	—	4.20	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	1894	16	1895	2.34	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	1891	17	1895	2.42	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	1878	12	1895	1.68	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	1891	6	1895	2.16	68.0	25
Valencia	29.917	41.3	42.6	49.5	40.3	58	1891	22	1895	4.89	72.9	27
Roche's Point	29.927	43.0	41.4	48.2	39.4	56	1877, 89	25	1895	4.19	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	1877, 91	23	1895	2.62	79.9	29
Scilly	29.964	45.7	44.1	48.6	42.4	56	1877	27	1895	2.62	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	1891	21*	1888, 92, 95	1.94	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	1891	18	1895	2.41	95.0	34
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	1877	17	1895	2.10	—	—
Dover	29.990	38.3	37.7	44.2	35.5	56	1882	11	1889	1.81	—	—
LONDON	29.906	38.1	36.8	45.5	34.5	62	1876, 91	10	1895	1.64	33.0†	12†
Oxford	29.994	37.3	36.1	44.9	34.2	64	1891	7	1895	1.76	66.3	24
Cambridge	29.987	36.7	35.7	45.5	32.1	67	1891	6	1895	1.42*	70.5	26
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	1872	15	1895	1.73	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE	<p>Highest 30.3 ins. and upwards in an anticyclone embracing the greater part of Ireland, England, France, Spain and south Germany.</p> <p>Lowest 29.3 ins. and less in two depressions, - one lying off the W. of Norway, and the other over the southern part of the Gulf of Bothnia.</p> <p>Gradients moderate or slight generally, but rather steep over the south of Scandinavia.</p> <p>Barometer rising over our Islands and the E^m shores of the North Sea, falling in Sweden, Germany and France.</p>
TEMPERATURE	<p>Highest 50° at Brest, 48° at Scilly and Biarritz, and 47° at Jersey, Berlin, Nice and Lisbon.</p> <p>Lowest (1) 8° at Haparanda, 25° at Helsingfors, and 30° at Bodø; (2) 34° at Sunnborg H^o and 35° at Wick.</p> <p>During yesterday the thermometer exceeded 55° in many parts of Gr. Britain, and reached a maximum of 61° at Aberdeen.</p>
WIND	<p>W² over the northern and eastern parts of our Islands, the North Sea, Denmark, and the south of Scandinavia, with a gale in the last mentioned region; E² or NE² in the N. of Scandinavia.</p> <p>Light from the N² on our own southwest coasts; variable in France.</p>
WEATHER	<p>Fair or fine over W^m Europe generally, but foggy at some of the Channel stations & also at Brussels.</p> <p>Rain was falling at Christianund, and snow at Sunnborg Head, as well as at Helsingfors.</p> <p>Rain fell yesterday at several of our western and northern stations. Bright aurora was seen in the north of Scotland.</p>
SEA	<p>Rough at Sunnborg Head, and rather rough at Scilly and Biarritz, as well as on the Norwegian coasts.</p>

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone appears to be still spreading northwards and fair weather is therefore likely to continue for a time in most districts, with a further fall of temperature.

FORECASTS

For the 24 hours ending at NOON on 28TH FEBRUARY. 1897.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W ² to NW ² winds, fresh, changeable, some snow showers.	6 SCOTLAND WEST	W ² winds, light or moderate, fair generally.
1 SCOTLAND EAST	Same as N ^o 5.	7 ENGLAND N.W.	Same as N ^o 5.
2 ENGLAND N.E.		8 ENGLAND S.W.	N ² and NW ² winds, light, fine generally, colder.
3 ENGLAND EAST		9 IRELAND NORTH	Same as N ^o 6.
4 MIDLAND COUNTIES	W ² to NW ² winds, light, fine generally, colder.	10 IRELAND SOUTH	Same as N ^o 8.
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.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.59	46	45	WSW	6	c	5	Valencia ...	30.01	52	48	SW	6	c	6
Sumburgh Head ...	29.38	47	45	W	3	bc	5	Scilly ...	30.22	54	51	SSW	4	bc	6
Stornoway ...	29.37	46	44	WSW	6	c	6	Jersey ...	30.36	54	50	SW	4	c	3
Aberdeen ...	29.53	57	50	SW	6	cqu	4	Hurst Castle ...	30.46	49	47	WSW	4	cm	4
Shields ...	29.80	55	52	SW	7	c	2	Dungeness ...	30.22	48	46	WSW	6	c	5
Ardrossan ...	29.71	48	47	SW	2	o	4	North Foreland	30.20	54	50	SW	4	bc	3
Malin Head ...	29.65	47	45	SW	4	c	3	London (Westminster)	30.19	58	52	WSW	4	c	#
Belmullet ...	29.79	49	47	W	6	cpq	*	Yarmouth ...	30.06	50	51	WSW	5	b	3
Holyhead ...	29.98	48	48	SW	7	fg	6	Rocheport ...	30.48	58	50	S	3	m	*

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

Weather in morning cloudy or dull over W^m, N^m and central Europe generally, with fog or mist in places, and with rain in the W. of Norway, as well as over Poland and the Baltic Provinces, snow reported at Helsingfors. Fine along the E. coasts of Gt. Britain, and also over S^m Europe generally. A little rain falling later at several of our own W^m and N^m stations, but weather improving over the United Kingdom generally. Bright Aurora seen in the N. of Scotland.

Temperature risen generally. Morning readings, highest (15.7°) at Barcelona and Malta, 56° at Brindisi, and 55° at Nice; (2) 56° at Aberdeen, and 55° at Leith and Donaghadee, above 50° in many parts of our Islands. Lowest 9° at Archangel, 27° at Uleaborg and Moscow, and 28° at Kiev. Exceeding 55° later in many parts of Gt. Britain, and reaching 61° at Aberdeen, exceeding 60° also in Paris, and over the S. of France generally, and touching 68° at Biarritz.

Wind moderate to strong from the SW^{wd} over the greater part of our Islands, the Netherlands and the N. of France, but W^{ly} in the N. of Scotland, as well as over Denmark, Germany, Austria and the Baltic; light from the S^{wd} or SE^{wd} in Russia. Light and variable over southern Europe as a whole. Subsequently increasing to a gale from the SW^{wd} on several parts of our north and northwest coasts, and from the NW^{wd} in Caithness.

Barometer highest 30.63 ins. at Madrid, 30.60 ins. at Lyons, 30.4 ins. and upwards in an anticyclone embracing all the more S^m parts of Europe. Lowest 29.2 ins. and less in two depressions, — one lying off the W. of Norway, and the other over the Gulfs of Finland and Bothnia. Quick rise of barometer taking place later on our W^m coasts.

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 28th February 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 ...	29.68	7	NE	2	0		29.78	+ .25	13	13	+ 5	2	0	0	0	23	3	—	
	Hernösand ...	29.66	25	2	0	s		29.78	+ .47	23	22	— 2	2	0	0	s	34	23	0.12	
	Stockholm ...	29.71	23	W	2	b		29.82	+ .31	32	30	— 11	W	4	b	0	45	30	—	
	Wisby ...	29.81	36	NW	8	b		29.93	+ .39	34	33	— 6	WNW	4	b	0	40	32	—	
	Karlstad ...	29.80	37	W	2	b		29.86	+ .48	34	31	— 7	W	2	b	0	41	41	—	
	Bodö ...	29.50	29	E	6	0		29.58	+ .26	25	22	— 5	E	6	s	2	30	23	—	
	Christiansund ...	29.56	37	W	6	b		29.61	+ .27	35	34	— 4	WSW	9	s	6	37	24	0.04	
	Skudesnaes ...	29.93	38	WSW	7	0		29.93	+ .16	41	39	+ 1	SSW	5	c	4	41	34	—	
	Færder (Christiania Fjord)	29.84	38	WSW	6	b		29.88	+ .40	37	35	— 4	WSW	4	b	0	43	36	—	
	Skagen (The Scaw)	29.97	39	W	4	b		29.99	+ .29	37	36	— 2	W	4	b	0	43	36	—	
BRITISH ISLANDS.	Fanö ...	30.17	36	W	4	b		30.15	+ .16	35	34	— 2	W	2	b	0	43	35	—	
	Sumburgh Head	29.74	39	W	4	c		29.74	+ .10	42	40	+ 8	W	3	0	5	42	34	0.08	
	Stornoway ...	29.93	40	W	4	ch		29.68	— .20	41	39	+ 4	SSW	5	0	5	44	35	0.08	
	Wick ...	29.92	41	NW	4	0		29.73	— .10	40	39	+ 5	SSW	3	0	3	46	35	0.05	
	Nairn ...	29.97	40	W	3	b		29.79	— .13	38	36	+ 2	2	0	c	1	45	34	0.01	
	Aberdeen ...	30.04	41	WSW	3	b		29.88	— .09	37	35	— 4	SW	2	new	1	49	35	—	
	Leith ...	30.14	40	W	3	b		29.89	— .19	39	37	— 1	S	1	0	0	47	36	0.01	
	Shields ...	30.20	44	SW	3	b		30.00	— .18	35	34	— 5	S	3	b	0	50	31	—	
	Spurn Head ...	30.26	43	W	3	b		30.05	— .19	41	40	— 1	SSE	3	b	0	46	35	—	
	York ...	30.26	44	W	1	b		30.02	— .23	32	31	— 6	S	1	c	0	51	29	—	
GERMANY & HOLLAND.	Loughborough ...	30.31	44	NW	1	c		30.07	— .23	34	32	— 4	ESE	1	om	0	50	26	—	
	Ardrossan ...	30.13	44	WSW	4	b		29.79	— .35	40	39	— 2	SE	4	c	3	46	39	—	
	Malin Head ...	30.14	42	SW	4	b		29.65	— .51	37	35	— 1	S	5	0	3	45	35	0.16	
	Belmullet ...	30.22	44	WSW	3	b		29.53	— .80	43	42	— 1	S	5	ou	0	48	38	0.03	
	Donaghadee ...	30.24	42	WSW	3	b		29.83	— .43	41	40	+ 5	SSW	4	a	2	49	33	—	
	Liverpool (Bidston)	30.31	42	WSW	2	b		29.94	— .35	36	33	— 5	SE	4	0	2	47	32	—	
	Holyhead ...	30.30	42	SW	3	b		29.85	— .46	44	42	+ 2	S	6	og	4	49	34	—	
	Parsonstown ...	30.27	43	2	0	b		29.69	— .65	40	39	+ 4	E	1	or	0	49	31	—	
	Valencia ...	30.29	45	SW	1	b		29.62	— .77	44	42	+ 6	S	6	rm	5	49	37	0.13	
	Roche's Point ...	30.31	45	WSW	2	b		29.73	— .65	47	46	+ 7	SSW	4	cp	4	52	40	0.02	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.32	41	NE	3	b		29.87	— .48	45	45	+ 2	S	5	rg	4	47	38	0.06	
	Seilly ...	30.29	47	NE	3	c		29.89	— .44	49	48	+ 1	S	5	cr	5	49	45	—	
	Prawle Point ...	30.30	44	ENE	2	b		29.99	— .36	45	44	0	SE	4	f	3	50	42	—	
	Jersey (St. Aubin's)	30.29	48	SW	1	f		30.06	— .29	46	45	— 1	SE	4	cg	3	49	44	0.03	
	Hurst Castle ...	30.29	47	SW	1	b		30.04	— .27	45	44	0	ESE	3	f	2	52	42	—	
	Dungeness ...	30.29	44	E	3	b		30.08	— .22	44	43	0	E	2	ap	1	50	41	0.01	
	North Foreland	30.32	42	E	1	c		30.12	— .16	41	41	— 4	SE	3	0	3	48	37	—	
	London (Brixton) ...	30.31	42	NNW	1	0		30.10	— .21	40	39	— 5	SE	1	og	0	50	35	—	
	Oxford ...	30.32	42	NE	2	c		30.05	— .27	41	39	0	SSE	3	0	0	52	35	—	
	Cambridge ...	30.32	45	W	1	0		30.10	— .21	35	35	— 6	W	1	0	0	59	31	—	
PENINSULA.	Yarmouth ...	30.38	44	ESE	2	b		30.12	— .13	40	39	— 4	ESE	2	b	3	46	35	—	
	Cuxhaven ...	30.23	39	WNW	1	b		30.21	+ .09	34	33	— 7	S	1	m	0	45	32	—	
	Berlin ...	30.26	42	W	2	b		30.26	+ .11	35	33	— 12	2	0	b	0	48	40	—	
	Wiesbaden ...	*	*	*	*	*														
	Munich ...	30.30	47	SW	1	c		30.20	— .17	40	39	— 4	S	1	0	0	57	39	—	
	The Helder ...	30.29	40	W	1	b		30.20	— .01	32	31	— 10	S	1	b	1	43	32	—	
	Brussels ...	*	*	*	*	*		30.17	— .16	43	43	0	ESE	2	f	0	47	40	0.04	
	Cape Gris Nez ...	30.32	42	E	2	c		30.12	— .15	43	42	— 1	SE	1	m	1	48	39	—	
	Paris ...	30.25	48	NE	2	b		30.17	— .19	36	36	— 5	NNE	1	0	0	57	34	—	
	Brest ...	30.23	50	W	1	0		30.07	— .26	49	47	— 1	S	2	c	3	52	45	—	
FRANCE & BELGIUM.	Lorient ...	30.27	46	WNW	1	b		30.09	— .25	45	44	0	W	3	b	4	57	42	—	
	Rochefort ...	30.27	53	N	3	b		30.19	— .07	46	46	+ 3	WNW	3	f	0	57	43	—	
	Belfort ...	30.35	51	E	2	a		30.16	— .18	38	37	— 6	NE	2	m	0	61	37	—	
	Lyons ...	30.24	55	N	1	0		30.16	— .18	43	38	0	NW	1	c	0	62	42	0.02	
	Nice ...	30.27	50	2	0	0		30.22	— .11	47	46	0	2	0	m	1	54	46	—	
	Perpignan ...	30.25	52	2	0	0		30.18	— .17	38	37	0	W	2	0	0	65	36	—	
	Biarritz ...	30.23	52	WNW	3	b		30.16	— .12	50	48	+ 2	S	3	0	5	61	48	—	
	Corunna ...	30.21	53	NW	3	b		30.22	— .14	44	42	— 3	E	2	b	4	57	41	—	
	Lisbon ...	30.28	55	NW	3	b		30.28	— .04	49	47	+ 2	2	0	b	0	63	47	—	
	Azores (P. Delgada)	30.47	50	N	4	b		30.39	+ .10	56	54	+ 2	W	4	m	3	59	48	—	

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; Brighton ... hrs; Eastbourne 2.8 hrs; Hastings ... hrs;

WEATHER CHARTS

FOR SUNDAY, 28TH FEBRUARY, 1897.

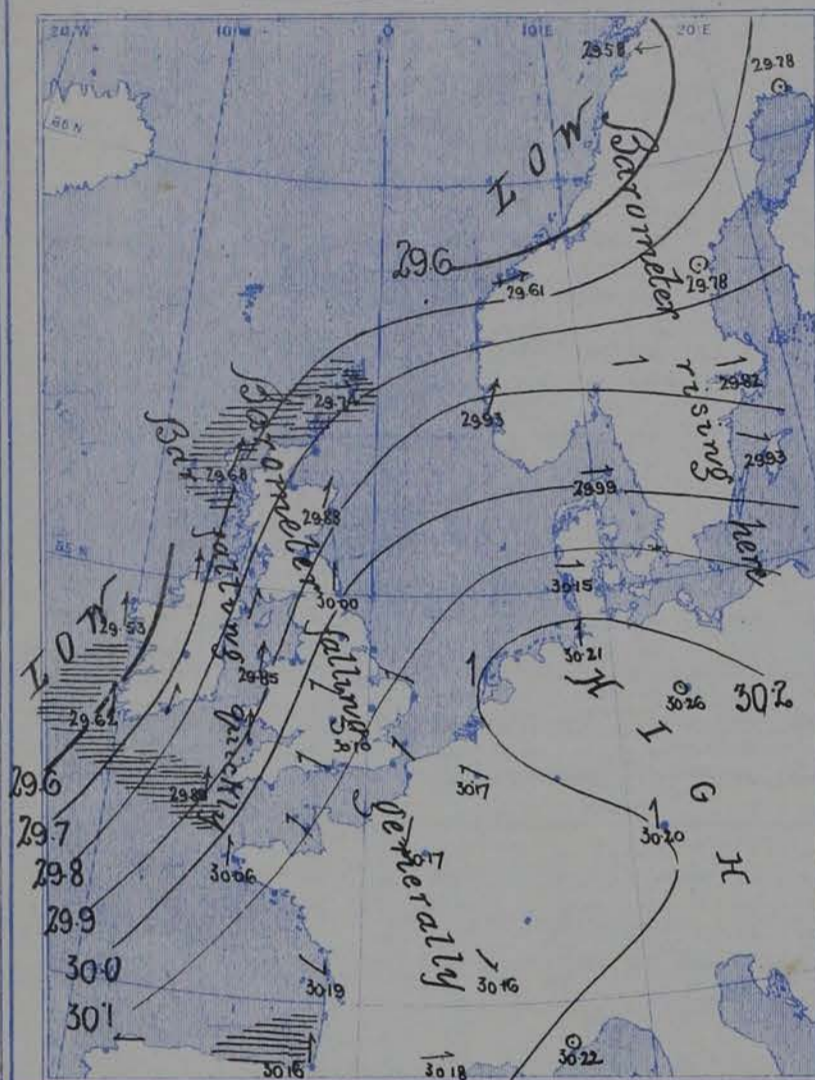
BAROMETER, WIND AND SEA.

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 ≡

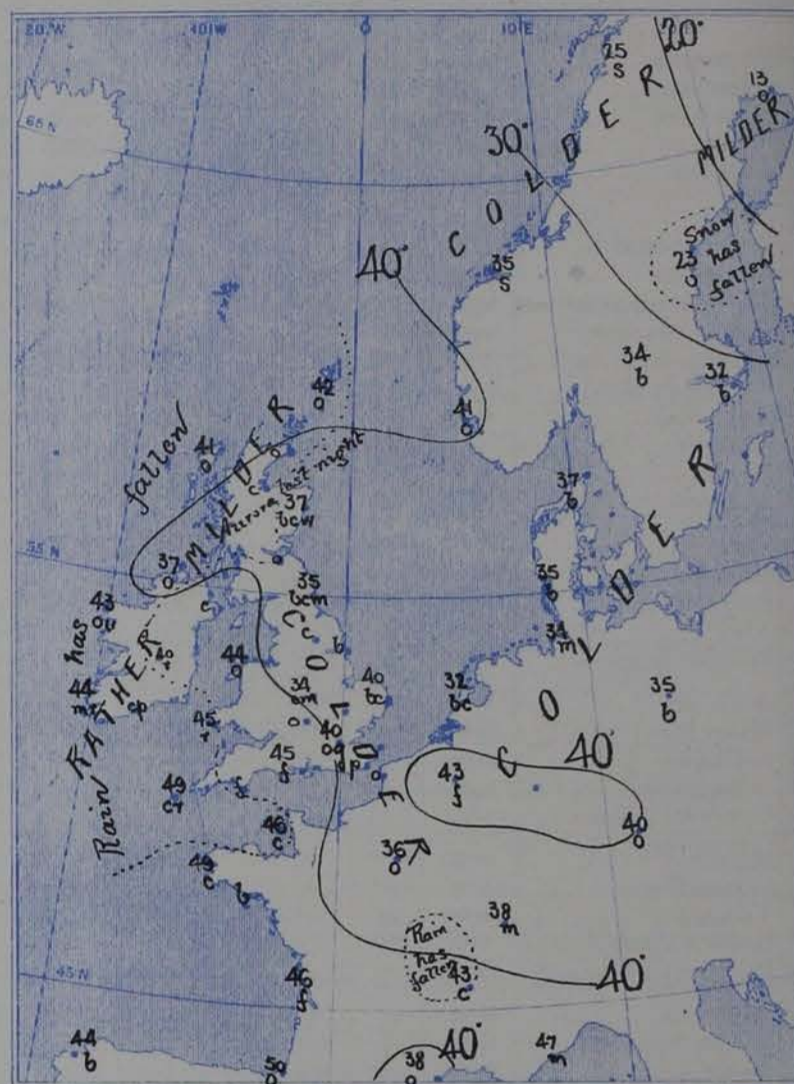


TEMPERATURE & WEATHER.

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 FEBRUARY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95. (Inches.)	TEMPERATURE OF AIR. 1871—95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.		Means, 1866—95. (Inches.)		Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Minimum.			Hours.	Per cent. of possible.
Stamburgh Head	29.772	38.6	37.2	42.2	34.4	51	17	3.11	—	—	—
Stornoway	29.775	38.9	38.0	43.6	34.2	55	12	3.80	63.6	25	—
Wick	29.800	37.7	36.4	42.9	32.9	59	2	2.16	—	—	—
Nairn	29.815	36.7	35.1	43.4	32.5	64	0	1.65	—	—	—
Aberdeen	29.853	36.9	35.2	43.1	33.3	59	6	2.26	73.4	28	—
Leith	29.873	38.1	36.7	45.5	33.9	59	12	1.51	—	—	—
Shields	29.908	38.3	36.9	43.9	34.4	59	7	1.50	—	—	—
Spurn Head	29.938	38.1	37.2	42.2	35.4	57*	20*	1.32	—	—	—
York	29.945	37.0	36.0	44.4	33.2	59	3	1.68	60.0	22	—
Loughborough	29.972	36.7	35.5	45.2	33.0	64*	5*	1.71	—	—	—
Ardrossan	29.880	39.2	38.0	44.4	35.9	56	13	2.93	—	—	—
Malin Head	29.844	41.0	39.5	45.5	38.3	—	—	—	—	—	—
Belmullet	29.870	42.3	40.7	47.2	38.8	—	—	4.20	—	—	—
Donaghadee	29.894	40.0	39.1	45.5	36.6	56	16	2.34	—	—	—
Holyhead	29.923	41.1	39.8	45.4	38.3	59	17	2.42	—	—	—
Liverpool	29.943	38.5	37.0	44.3	35.7	62	12	1.68	—	—	—
Parsonstown	29.915	39.1	37.8	46.8	35.1	59	6	2.16	68.0	25	—
Valencia	29.917	41.3	42.6	49.5	40.3	58	22	4.89	72.9	27	—
Rocha's Point	29.927	43.0	41.4	48.2	39.4	56	25	4.19	—	—	—
Pembroke	29.948	41.8	40.5	45.3	39.0	52	23	2.62	79.9	29	—
Scilly	29.964	45.7	44.1	48.6	42.4	56	27	2.62	—	—	—
Prawle Point	29.996	41.2	40.2	46.6	37.8	57*	21*	1.94	—	—	—
Jersey	30.016	42.0	40.6	46.8	38.8	62	18	2.41	95.0	34	—
Hurst Castle	29.996	39.8	38.8	45.4	36.3	60	17	2.10	—	—	—
Dover	29.990	38.8	37.7	44.2	35.5	56	11	1.81	—	—	—
LONDON	29.996	38.1	36.8	45.5	34.5	62	10	1.64	33.0†	12†	—
Oxford	29.994	37.3	36.1	44.9	34.2	64	7	1.76	66.3	24	—
Cambridge	29.987	36.7	35.7	45.5	32.1	67	6	1.42	70.5	26	—
Yarmouth	29.967	37.8	36.9	42.3	34.0	58	15	1.73	—	—	—

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

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in: and upwards, over the Spanish Peninsula and also over Germany and the southeast of France.
Lowest, 29.6 in: and less, in two depressions, - one lying to the westward of our Islands and the ^{other} off the coast of Norway.

Gradients moderate over the coast and north of our Islands, but slight elsewhere.

Barometer falling at all but the Scandinavian and Danish stations, - quickly on our own western coasts.

TEMPERATURE

Highest, 50° at Biarritz, 49° at Seilly and Linton, 47° at Rochefort and Nîmes, and 46° at Jersey and Rochefort.

Lowest, 13° at Haparanda, 23° at Helsingfors, 25° at Rode, and 32° at Stockholm; lowest in our Islands 32° at York and 34° at Loughborough.
Frost occurred last night over the Central parts of England and Ireland, the lowest readings reported being (1) In the screen 26° at Loughborough and 29° at York; (2) On the grass 18° at Loughborough.

WIND

Fresh to strong from the S^W on our own western coasts, and light from the same quarter over the northern parts of Great Britain.
Light from SE over the Central and southeastern parts of England; variable over France and the Spanish Peninsula.

W¹ or SW¹ over Denmark and the greater part of Scandinavia, with a gale at Christianund; calm over the northern parts of Sweden.

WEATHER

Cloudy or dull over Western Europe as a whole with fog at several of the English Channel stations and rain on our extreme SW. coast; snow falling in the coast of Norway.
Fine on the east coasts of Great Britain, as well as in Denmark, North Germany, and the south of Sweden.

Slight rain fell yesterday in several parts of Great Britain. Aurora was seen at Aberdeen.

SEA

Rather rough on our extreme southwestern and northern coasts, as well as at Biarritz, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 1st March 1897.

DISTRICTS.

FORECASTS.

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

None issued

DISTRICTS.

FORECASTS.

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

WARNINGS

None issued

At 9.35 am today to districts 0 to 2 and 6 to 10 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 ...	29.89	41	39	W	6	bc	5	Valencia ...	30.35	48	42	W	1	bc	4
Sumburgh Head ...	29.70	41	37	W	5	bc	6	Scilly ...	30.32	45	45	NE	4	c	6
Stornoway ...	29.94	40	36	W	5	c	5	Jersey ...	30.32	48	48	WSW	3	f	3
Aberdeen ...	30.03	48	40	WSW	4	bc	3	Hurst Castle ...	30.31	51	46	E	1	bc	1
Shields ...	30.19	49	43	SW	4	bc	2	Dungeness ...	30.31	49	46	NE	2	bc	1
Ardrossan ...	30.15	44	43	WSW	4	bc	3	North Foreland ...	30.32	47	44	NW	2	bc	2
Malin Head ...	30.18	42	41	W	4	bc	3	London (Westminster) ...	30.32	51	43	N	1	bc	#
Belmullet ...	30.28	48	44	W	2	bc	#	Yarmouth ...	30.28	46	42	N	3	bc	3
Holyhead ...	30.32	47	43	SW	3	c	2	Rochefort ...	30.33	55	53	NE	3	bc	#

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

Weather in morning fair or fine over Western and Central Europe generally, but foggy at several of the English Channel stations and also at Brussels. Dull over the northern and eastern countries and also in Italy, rain falling at Christianund and snow at Archangel and Helsingfors. Showers falling later in several parts of Great Britain; no important change occurring elsewhere.

Temperature risen generally, — quickly, in the west and north of our Islands. Morning readings highest 57° at Palma, 55° at Sfax, 54° at Malta and 53° at Algiers; slightly above 50° at several of the Mediterranean stations. Lowest 7° at Uleaborg, 8° at Haparanda, 16° at Archangel, and 25° at Helsingfors; below the freezing point over the northern parts of Russia and Scandinavia generally, and below 40° at several of our northern and central stations. Rising during day to 50° and upwards at many of the English and Irish stations, exceeding 60° over the Spanish Peninsula and south of France, and 65° at Perpignan. Frost occurring at several of our own northern and central stations at night.

Wind light to fresh from the Wnd over the northern and eastern parts of our Islands, and strong to a gale from the same quarter over Denmark and the south of Scandinavia; E^{ly} or NE^{ly} over the northern parts of Scandinavia. NW^{ly} over Russia, SW^{ly} in Germany. Light from the Nnd in the southwest of our Islands, variable in France and Italy; NE^{ly} in Spain. Subsequently backing to the SWnd over our own extreme western coasts; no important change occurring elsewhere.

Barometer highest 30.3 mi. and upwards in an anticyclone embracing all the more southern parts of Europe, including the greater part of Ireland and England. Lowest 29.3 mi. and less in two depressions, one lying off the coast of Norway, and the other over the southern part of the Gulf of Bothnia. Depressions subsequently moving eastwards, but new disturbances beginning to appear off our extreme western coasts in evening.

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.	TMP.	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.	
1	Biarritz	29.80	47	HW	5	r	29.83	+33	53	-	+6	SW	4	0	5	r	-	53	43	0.71	
-	Corunna	29.86	56	SW	6	0	29.86	-05	58	54	+7	SW	3	0	4	0	-	59	50	-	
2	Corunna	29.83	60	SW	7	b	29.80	-06	57	54	-1	S	8	0	4	b	-	61	54	-	
3	Corunna	29.75	61	S	9	0	30.01	+21	?	?	-	HW	?	?	5	0	-	63	50	0.75	
4	Corunna	29.95	52	SW	2	0	29.91	-10	55	54	?	HW	3	0	?	0	-	55	?	0.04	
5	Corunna	29.86	59	S	6	0	29.90	-01	50	47	-5	W	3	bc	2	0	-	61	46	0.24	
6	Corunna	30.00	57	W	4	b	30.11	+21	56	54	+6	SW	5	0	3	b	-	57	50	-	
8	The Helder	29.99	33	HW	2	0	30.32	-19	32	-	-2	ENE	1	0	1	0	-	34	32	-	
-	Corunna	30.32	56	W	4	f	30.41	-	55	54	-	W	1	m	3	f	-	57	52	0.08	
9	Corunna	30.39	55	HW	2	b	30.38	-03	50	49	-5	W	2	f	2	b	-	57	48	-	
10	Corunna	30.35	55	HW	2	bc	30.34	-04	50	48	0	SW	2	f	4	bc	-	57	46	-	
-	Azores	29.92	61	SSW	5	b	30.02	+12	60	59	-1	SSW	5	c	6	b	-	63	59	-	
12	Paris	30.12	50	SW	2	r	30.10	-03	46	-	-2	HW	2	0	-	r	-	52	46	0.24	
-	Brest	30.12	50	WSW	3	f	30.10	-03	49	49	+1	Z.	0	f	3	f	-	50	45	-	
-	Belfort	30.13	45	SW	4	r	30.08	-06	44	44	0	W	1	f	-	r	-	45	44	0.35	
-	Nice	30.11	47	Z.	0	0	30.04	-13	46	42	+4	ENE	1	0	1	0	-	52	?	-	
-	Perpignan	30.21	58	HW	2	0	30.13	-12	48	45	-4	Z.	0	bc	-	0	-	65	45	-	
-	Corunna	30.26	56	SW	3	0	30.26	-06	53	50	+7	SW	2	bc	2	0	-	59	46	0.16	
13	Corunna	30.23	57	W	3	f	30.36	+10	51	50	-2	HW	2	0	2	f	-	59	50	0.12	
15	Corunna	30.31	55	WSW	1	bc	30.29	-07	44	42	-4	SW	1	b	3	bc	-	59	41	-	
16	Corunna	30.27	54	H	4	bc	30.35	+06	52	50	+8	NE	4	bc	2	bc	-	55	?	-	
-	Azores (P. Delgada)	30.35	60	SSE	4	0	30.37	+11	59	59	0	S	4	c	3	0	-	63	57	-	
17	Cape Gris Neg	30.65	35	E	1	m	30.62	+05	32	-	+4	SW	2	m	2	m	-	39	27	-	
-	Corunna	30.32	56	NE	4	b	30.36	+01	43	41	-9	E	2	b	3	b	-	57	39	-	
18	Corunna	30.35	54	NE	3	b	30.41	+05	45	43	+2	SW	2	b	?	b	-	55	41	-	
19	Corunna	30.43	54	H	3	b	30.46	+05	45	43	0	H	2	f	3	b	-	55	43	-	
20	Cape Gris Neg	30.43	44	SW	4	0	30.33	-01	43	-	+1	S	4	0	4	0	-	46	39	0.04	
-	Corunna	30.45	54	H	3	b	30.55	+09	52	51	+7	W	1	b	2	b	-	55	45	-	
22	Corunna	30.80	53	HW	3	b	30.79	-	41	41	-	NE	2	b	5	b	-	55	41	-	
23	Corunna	30.70	59	HW	3	b	30.63	-16	46	44	+5	NE	1	b	3	b	-	61	41	-	
24	Corunna	30.58	57	NE	3	b	30.55	-08	47	43	+1	E	1	b	3	b	-	59	41	-	
25	Corunna	30.58	56	HW	3	b	30.63	+08	45	43	-2	SW	1	f	3	b	-	61	41	-	
26	Corunna	30.58	55	HW	3	b	30.51	-12	47	44	+2	E	1	b	5	b	-	57	43	-	
27	Corunna	30.47	53	HW	3	bc	30.36	-15	47	46	0	SW	2	f	5	bc	-	55	43	-	

2. CORRECTIONS.

[illegible]