

**METEOROLOGICAL OFFICE**

**LONDON.**

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**DAILY WEATHER REPORTS.**

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**1<sup>ST</sup> JANUARY—30<sup>TH</sup> JUNE.**

**1886.**

*Sec. Reg. Lond.*

*London*

*Recd. 27. 1. 87.*



# DAILY WEATHER REPORT.

January to June 1886.

Map Showing Stations.





# DAILY WEATHER REPORT

for Monday — 1<sup>st</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 16, Victoria Street, London, W., N. 1001, and daily.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12.)			Max.	Min.		
Haparanda	29.81	-9	Z	0	b	29.62	-26	16	15	+14	Z	0	S	*	?	-9	-	
Hernösand	29.55	22	E	6	o	29.37	-36	28	27	+15	ESE	6	O	*	?	7	-	
Stockholm	29.44	34	SSE	4	o	29.12	-57	31	30	+2	SE	8	O	*	34	27	-	
Wisby																		
Bodö	29.35	23	ESE	8	b	29.32	-11	26	24	+5	E	7	O	3	27	21	-	
Christiansund	28.93	38	SE	4	b	28.91	-19	35	32	+2	ESE	2	O	2	39	30	-	
Skudesnaes	28.80	37	SE	8	o	28.63	-38	34	33	-2	E	4	S	5	37	?	-	
Oxö (Xtiansund)	28.90	34	ESE	8	z	28.59	-57	33	32	-3	SW	1	f	4	?	32	0.63	
Skagen (The Skaw)																		
Faro																		
Cuxhaven	29.07	38	S	6	n	29.12	-36	33	33	-3	SW	6	b	*	36	31	0.20	
Sumburgh Head	28.74	32	N	1	c	28.79	+03	35	33	+2	N	3	O	2	36	29	0.03	
Stornoway	28.86	30	WNW	2	b p	28.91	+15	30	30	+1	WSW	1	og	1	34	24	0.13	
Wick	28.78	29	WNW	2	bc	28.87	+10	25	24	-5	WNW	2	bc	1	35	22	0.20	
Nairn	28.87	31	W	3	o	28.92	+13	31	29	0	SW	1	b	1	35	27	0.02	
Aberdeen	28.84	31	WNW	4	b v	28.88	+07	32	29	0	WNW	4	b	1	35	28	-	
Leith	28.96	32	W	2	b	28.99	+12	30	30	-1	W	2	bm	*	35	28	0.01	
Shields	28.98	33	W	5	b	28.99	-00	32	32	-3	W	2	b	3	37	30	0.03	
Spurn Head	29.05	35	W	5	bc	29.07	-07	34	32	-1	W	5	bc	3	38	32	0.03	
York	29.05	33	WSW	2	bc	29.09	+01	38	31	0	W	4	bc	*	39	33	0.21	
Loughborough	29.19	34	WNW	4	bc	29.19	-01	35	33	-3	W	3	b	*	42	33	0.16	
Ardrossan	29.02	37	W	5	og p	29.04	+14	35	34	+2	WNW	6	b	4	39	30	0.17	
Malin Head	29.07	37	WNW	5	b ch q	29.11	+26	36	36	+4	WNW	5	og h p	6	41	31	0.04	
Mullaghmore	29.18	36	W	7	ch q	29.25	+22	40	36	+4	WNW	8	c q	7	40	33	0.17	
Belmullet	29.23	40	WNW	7	bc q	29.30	+21	40	35	+7	WNW	8	c	*	40	33	0.15	
Donaghadee	29.14	32	SW	2	b	29.17	+16	31	31	-2	W	3	b	1	34	30	0.20	
Barrow-in-Furness	29.12	36	WSW	5	c	29.11	+09	36	34	-2	WNW	6	bc	*	39	33	-	
Liverpool (Bidston)	29.17	36	W	6	b	29.15	+06	37	33	-1	W	6	bc	4	40	33	0.06	
Holyhead	29.21	37	W	6	bc q	29.23	+12	37	35	+2	WNW	7	bc q	6	40	32	-	
Parsonstown	29.33	36	SW	1	o	29.39	+22	33	32	-3	W	1	b	*	40	32	0.04	
Valencia	29.49	44	WNW	6	og p h	29.51	+22	42	38	-3	WNW	5	cp	5	47	39	0.23	
Roche's Point	29.31	42	WNW	5	c	29.44	+19	40	38	-5	WNW	3	bc q	4	47	39	0.15	
Pembroke	29.38	43	WNW	7	c	29.34	+14	41	39	-4	WNW	7	c	6	45	37	0.18	
Neilly	29.53	48	WNW	9	c	29.44	+94	47	44	-4	WNW	6	c q	6	51	44	0.10	
Prawle Point	29.47	42	WNW	7	o	29.37	-01	42	40	-5	WNW	4	c	5	48	38	0.54	
Hurst Castle	29.39	41	WNW	6	b	29.31	-08	40	39	-5	WNW	3	c	5	45	38	0.19	
Dungeness	29.22	42	WNW	6	c	29.25	-19	42	42	-1	W	5	o	4	46	37	0.52	
London	29.25	40	W	2	b	29.26	-03	37	36	-7	WNW	4	ost p	*	47	35	0.11	
Oxford	29.35	36	W	2	b	29.26	-03	36	35	-3	W	2	c	*	44	36	0.24	
Cambridge	29.28	37	H	3	c	29.20	-09	36	34	-3	SW	2	c	*	44	33	0.07	
Yarmouth	29.06	37	WNW	4	c	29.15	-15	34	33	-3	W	5	og q	4	43	31	0.07	
The Helder	29.03	38	W	7	bc	29.08	-31	37	35	-1	SW	5	c	4	41	36	0.32	
Cape Gris Nez																		
Jersey	29.51	46	WNW	7	c	29.40	-16	46	45	0	WSW	6	og m	5	49	42	0.42	
Brest	29.70	49	WNW	7	o	29.52	-19	47	47	-3	WNW	5	n	5	50	45	0.47	
Lorient	29.69	49	W	9	n	29.56	-20	49	48	-1	H	8	n	6	50	43	0.35	
Rochefort	29.85	51	WSW	8	n	29.76	-24	51	51	+2	WSW	9	n	4	52	45	0.32	
Biarritz	30.12	55	WSW	8	n	29.96	-18	52	50	+2	SSW	4	n	7	53	45	0.24	
Corunna	*	*	*	*	*	30.27	-15	52	51	0	WSW	7	o	6	57	50	0.04	
Brussels	*	*	*	*	*	29.29	-28	39	38	-2	SW	3	n	*	46	34	0.51	
Charleville	29.23	46	SSW	8	t	29.43	-47	39	38	0	SW	5	o	*	46	37	0.63	
Paris	29.53	48	SE	7	n	29.49	-27	44	41	0	S	4	n	*	*	*	0.16	
Lyons	29.83	43	S	4	o	29.78	-27	44	42	+10	S	1	o	*	47	?	0.04	
Toulon	29.91	46	WNW	5	b	29.82	-11	46	41	+5	WNW	7	m	5	52	?	-	

## EXPLANATION OF COLUMNS.

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.  
† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

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# WEATHER CHARTS

for 8 a.m. on Monday, 1<sup>st</sup> February, 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

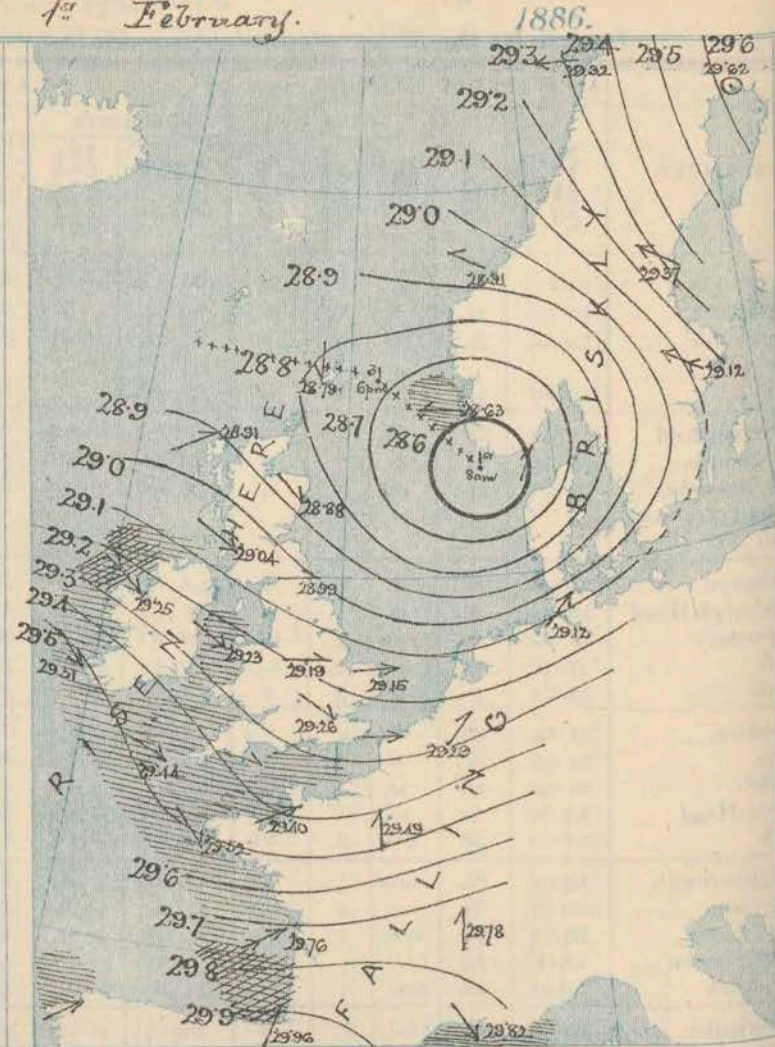
→ = forces above 10; → = forces 8 to 10;  
 → = forces 5 to 7; → = forces 1 to 4;  
 ⊙ = dead calm.

**Sea Disturbance** — where considerable is shown thus  
 [Hatched] = Rough. [Solid] = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.856
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.

**Weather** — is shown by letters of the Beaufort Scale.

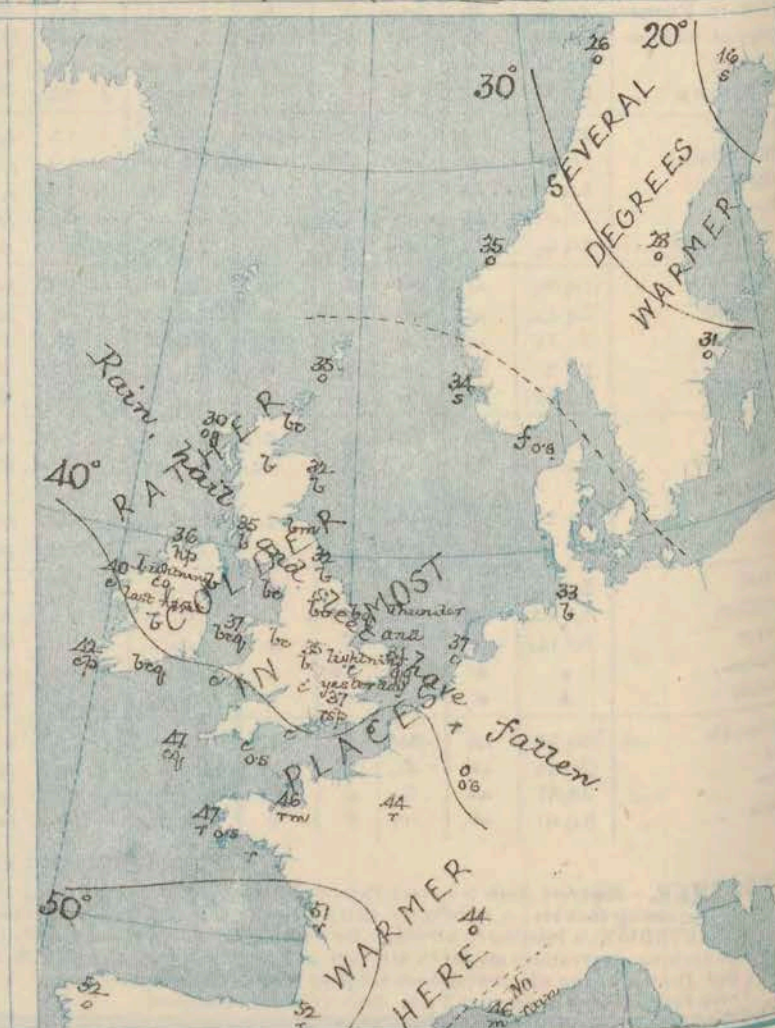
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Deg.	Wet.	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	1.97
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.61
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.53
Shields	43.7	35.9	38.8	37.5	1.63
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.22
Roche's Point	48.4	40.0	43.6	42.1	4.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.95
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.80
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85





# REMARKS.

for Monday 1<sup>st</sup> February.

1886 at 8 a.m.

The large depression which lay to the northward of our Islands yesterday is now found off the south of Norway, and, although, the barometer continues to fall at all the Continental stations it is rising somewhat over our Islands. The highest pressures are still found over the south of France. The wind is W<sup>ly</sup> or NW<sup>ly</sup> over the United Kingdom, SW<sup>ly</sup> in France, and SE<sup>ly</sup> or E<sup>ly</sup> in Scandinavia; in force it is light or moderate on our north and northeast coasts, but strong elsewhere, with gales in the north-west of Ireland and also over the Bay of Biscay. The weather is at present fine over the greater part of our Islands, but cold showers are reported locally. At the Continental stations the sky is overcast, with snow at Napaund and Skudesnaes and rain in the west and north of France. During yesterday showers of rain, hail and sleet were experienced in nearly all parts of the kingdom. A thunderstorm occurred at Yarmouth, and lightning was seen at Spurn Head, Mullaghmore and in London. Temperature has fallen a little in most places, and readings now range from 47° at Scilly to 25° at Wick. The sea is high at Mullaghmore, and rough on our west and south coasts generally.

The depression off the south of Norway will probably continue to move slowly in an ESE<sup>ly</sup> direction, but conditions are still favourable for the passage of subsidiary disturbances over our Islands.

## FORECASTS

For the 24 hours ending at NOON on 2<sup>nd</sup> February.  
(Issued at 11 a.m. on the previous day.)

1886.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Varying W <sup>ly</sup> winds, moderate; fair to unsettled and some snow.	6 { SCOTLAND WEST	W <sup>ly</sup> and NW <sup>ly</sup> winds, strong; fine to squally and showery.
1 { SCOTLAND EAST	-----D°-----D°-----D°-----	7 { ENGLAND N.W.	W <sup>ly</sup> and NW <sup>ly</sup> winds, strong a gale in places; changeable, some showers.
2 { ENGLAND N.E.	-----D°-----D°-----D°-----	8 { ENGLAND S.W.	-----D°-----D°-----D°-----
3 { ENGLAND EAST	W <sup>ly</sup> winds, fresh; fair to unsettled, and some showers.	9 { IRELAND NORTH	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	-----D°-----D°-----D°-----	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	W <sup>ly</sup> winds, strong and squally at times; fair generally but some showers.	WARNINGS	The signals have been lowered this morning in districts 0 to 3, but are still flying in districts 5 to 10.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.
Skudesnaes	28.94	36	35	SE	8	cshq	5	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dunfermline					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rochefort	29.94	52	50	W	8 0 4
Belmullet							*						

## SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD.

FROM THE 24<sup>TH</sup> TO THE 30<sup>TH</sup> JANUARY 1886.

The weather during this period has remained in an exceedingly changeable condition and falls of snow or sleet have been experienced in most parts of the United Kingdom.

At the commencement of the week pressure was highest over the Gulf of Bothnia and lowest to the southwestward of our Islands so that E. winds — inclining to SE in the east and to NE in the west — were reported generally: on our northern coasts they blew strongly. On Monday a small depression advanced northeast from the Bay of Biscay to the Channel Islands and occasioned heavy snow at some of our southwestern stations, but on the following day this had resolved itself into a large shallow area of low pressure which covered the greater part of England and France.

This ultimately filled up but on Thursday a fall of the barometer commenced on our western and northern coasts and the wind shifted to SE or S generally.

Between this time and the close of the week a large depression advanced slowly to our northern coasts, while some subsidiary disturbances, at first of a "V-shaped" but afterwards of a more ordinary character passed directly over the Kingdom in an easterly direction. The approach of the main system was at first attended by a fresh to strong gale in the west and north, but as the smaller disturbances passed over the North Sea, the high-pressure area over Scandinavia was gradually reduced in height and the wind on our northern coasts fell light. At the close of the time strong squally SW to W winds (occasionally rising to the force of a gale) were experienced over Ireland and England and showers of sleet hail or cold rain fell generally.



# DAILY WEATHER REPORT

for Tuesday — 2<sup>nd</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. SCOTT, Secretary.

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STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.49	16	SE	2	S	29.43	- .19	15	15	- 1	SE	2	S	*	18	-11	0.35	
Hernösand	29.14	36	SE	6	S	29.14	- .20	31	31	+ 3	SE	6	S	*	?	21	0.24	
Stockholm	29.06	33	S	4	S	29.01	- .11	31	31	0	S	2	O	*	36	28	0.16	
Wisby	29.14	33	SW	4	C	29.04	+ .02	32	31	- 2	WSW	4	OC	*	37	30	0.39	
Bodö	29.25	23	E	6	O	29.12	- .20	20	17	- 6	ESE	6	O	3	24	18	-	
Christiansund	28.74	33	ESE	8	bc	28.81	- .10	32	30	- 3	ESE	1	S	2	36	28	-	
Skudesnaes	28.67	33	Z	0	bc	28.83	+ .20	35	33	+ 1	W	6	O	4	36	32	-	
Oslo (Christiansund).	28.67	35	S	4	C	28.68	+ .29	33	32	0	WSE	2	O	3	36	30	0.12	
Skagen (The Skaw)	28.76	33	SW	4	O	28.86	+ .26	30	29	- 3	Z	0	O	0	34	?	0.04	
Faro	28.79	34	SW	6	C	29.08	+ .20	35	34	+ 2	WSW	4	S	*	36	?	0.39	
Cuxhaven	29.03	32	WSW	6	O	29.28	+ .16	35	35	+ 2	WSW	5	C	*	35	32	-	
Sumburgh Head	28.86	31	N	3	b	29.04	+ .28	37	35	+ 2	N	3	b	2	38	33	0.05	
Stornoway	29.16	34	W	5	bm	29.34	+ .43	35	35	+ 5	WNW	3	bp.	2	39	25	0.18	
Wick	28.99	35	W	3	bc	29.22	+ .35	34	33	+ 9	W	3	bc	1	35	23	0.06	
Nairn	29.09	35	W	2	S	29.29	+ .34	35	33	+ 4	SW	2	b	1	34	28	0.04	
Aberdeen	29.02	35	NW	6	b	29.25	+ .37	36	33	+ 4	W	4	b	2	37	31	0.06	
Leith	29.15	33	NW	1	bc	29.35	+ .36	34	33	+ 4	W	1	bm	*	37	29	-	
Shields	29.10	34	NW	3	b	29.34	+ .38	35	33	+ 3	W	2	b	2	36	30	-	
Spurn Head	29.08	33	WNW	5	S	29.40	+ .33	36	35	+ 2	W	5	b	4	38	32	0.26	
York	29.08	34	NW	2	C	29.44	+ .35	34	33	+ 1	W	1	b	*	37	30	0.24	
Loughborough	29.20	39	W	6	n	29.49	+ .30	37	35	+ 2	WNW	4	b	*	42	34	0.02	
Ardrossan	29.22	38	NW	4	b	29.40	+ .36	39	34	+ 4	WNW	4	b	3	40	34	0.05	
Malin Head	29.37	42	NW	5	bg	29.51	+ .40	40	39	+ 4	NW	2	bp	3	44	36	0.06	
Mullaghmore	29.45	41	WNW	8	gcp	29.54	+ .24	40	39	0	W	4	O	3	44	39	0.10	
Belmullet	29.53	43	WNW	5	cp	29.59	+ .29	40	38	0	W	1	O	*	44	37	0.11	
Donaghadee	29.35	37	W	2	b	29.50	+ .33	33	33	+ 2	W	3	b	1	40	30	0.06	
Barrow-in-Furness	29.22	37	N	5	b	29.45	+ .34	38	34	+ 2	W	4	bc	*	41	35	-	
Liverpool (Bidston)	29.27	38	WNW	7	O	29.49	+ .34	38	37	+ 1	W	5	C	4	41	37	0.04	
Holyhead	29.35	41	WNW	9	bgm	29.55	+ .32	39	38	+ 2	WNW	6	cpm	5	42	33	-	
Parsonstown	29.36	38	WNW	1	b	29.63	+ .24	33	32	0	Z	0	C	*	41	30	-	
Valencia	29.73	42	NW	4	bc	29.64	+ .13	42	41	- 0	SE	3	sm	3	46	40	0.26	
Roche's Point	29.64	41	WNW	5	bc	29.65	+ .21	38	37	- 2	N	1	O	3	46	37	0.04	
Pembroke	29.50	43	NW	7	bc	29.64	+ .30	41	39	- 0	WNW	5	bc	5	43	40	-	
Neilly	29.65	46	WNW	8	C	29.70	+ .26	44	43	- 3	WNW	4	O	5	47	42	0.05	
Frawle Point	29.59	39	WNW	4	b	29.69	+ .32	34	34	- 3	WNW	3	O	3	45	37	0.02	
Hurst Castle	29.46	39	WNW	6	b	29.64	+ .33	38	36	- 2	WNW	5	b	4	45	37	-	
Dungeness	29.36	44	NW	4	bc	29.54	+ .29	36	36	- 6	WNW	4	C	3	46	34	-	
London	29.36	39	WNW	2	b	29.54	+ .31	37	35	0	W	2	C	*	43	34	-	
Oxford	29.38	39	W	6	b	29.54	+ .31	36	35	0	W	2	b	*	42	35	-	
Cambridge	29.25	38	W	4	b	29.53	+ .33	36	35	0	W	1	C	*	42	33	-	
Farmouth	29.19	37	W	4	C	29.45	+ .30	34	33	0	WNW	3	b	4	38	31	-	
The Helder	29.15	38	W	5	C	29.37	+ .29	38	36	+ 1	W	4	bc	4	39	36	0.04	
Cape Gris Nez	29.38	41	WNW	8	b	29.56	+ .32	39	37	- 3	WNW	7	C	5	45	39	-	
Jersey	29.58	42	WNW	5	bgm	29.72	+ .32	43	41	- 3	W	4	cpm	4	47	41	0.03	
Brest	29.73	46	WNW	5	O	29.81	+ .29	44	42	- 3	WNW	5	n	5	48	32	-	
Lorient	29.71	46	NW	7	n	29.84	+ .28	45	43	- 4	WNW	5	C	4	50	41	-	
Rochefort	29.78	50	WNW	8	n	29.96	+ .20	44	42	- 7	WSW	3	O	2	52	39	0.20	
Biarritz	29.95	51	SW	8	n	30.02	+ .06	49	47	- 3	WSW	7	n	5	55	48	0.28	
Corunna	*	*	*	*	*	29.55	+ .26	36	33	- 3	WSW	3	b	*	41	34	0.28	
Brussels	*	*	*	*	*	29.55	+ .26	36	33	- 3	WSW	3	b	*	41	34	0.28	
Charleville	29.41	37	SE	5	b	?	?	33	33	- 6	W	4	bc	*	44	32	-	
Paris	29.48	46	SW	5	O	29.75	+ .26	38	36	- 6	S	4	bc	*	*	*	-	
Lyons	29.58	51	S	3	bc	29.89	+ .11	36	34	- 8	WNW	3	C	*	53	35	0.04	
Toulon	29.69	47	NW	7	O	29.66	- .16	41	35	- 5	N	8	bc	*	52	37	-	

## EXPLANATION OF COLUMNS.

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.  
 † The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 † These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by George Allen & Co. Ltd. London.



for 8 a.m. on Tuesday 2<sup>nd</sup> February 1886.

(Explanation of Map)

Wind ——— Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces 5 to 7, → = forces 1 to 4,

⊙ = dead calm.

*Sea Disturbance*—where considerable, is shown thus

 = Rough,  = High.

at 8 a.m. for the month of February  
During the 10 Years 1871—1880.

Temperature—Isotherms are drawn for each 10° changes since previous morning are stated in words.

*Weather is shown by Letters of the Beaufort Scale*

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

for the month of February

A hand-drawn weather map of Europe and North Africa, featuring handwritten notes and temperature data. The map includes latitude and longitude lines. Key handwritten annotations include:

- Top Right:** "20°" and "30°" with the note "SOMEWHAT COLDER" written diagonally across the upper right quadrant.
- Right Edge:** "yesterday" written vertically along the right margin.
- Central Europe:** "rain, hail" written in the center of the map.
- Bottom Center:** "BASE fallen" written near the bottom center.
- Left Side:** "RATHER" written vertically on the left side.
- Bottom Left:** "Rain" written near the bottom left corner.
- Temperature Data:** Numerous handwritten numbers are scattered across the map, often with small circles or letters below them, representing temperature readings at various locations. Examples include 37, 35, 36, 30, 32, 31, 33, 34, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- Other Notes:** "Snow" is written near the top right, and "Snow" is written near the bottom left.

NOTE - The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 20 years 1866-85.



# REMARKS.

for Tuesday 2<sup>nd</sup> February.

1886 at 8 a.m.

The depression which lay off the south of Norway yesterday has moved slowly northwards, and the barometer has continued to fall at the Scottish stations, while it has risen in most other parts of Western Europe. In the south of Ireland, however, a new and somewhat decided fall has set in since 10 p.m. The wind is SE in Sweden and the north of Norway, but in our Islands and France it is chiefly moderate from W. or NW.; at Valencia, however, it has shifted to SE. The weather is dull on our extreme south-west coasts and also at some of the Scandinavian stations, with snow at Haparand and Helsingfors, but generally fine elsewhere. During yesterday showers of snow-hail or cold rain fell in many parts of the Kingdom. Temperature has risen a little at all our more northern and eastern stations, but fallen in the south; readings now range from 44° at Scilly to 33° at Parsonstown. Slight frost occurred last night in many places. The sea is rather rough at Holyhead, Pembroke and Scilly, moderate to smooth elsewhere.

A depression is apparently moving towards the south of Ireland; and unsettled weather, with snow, is likely to set in over the southern part of the Kingdom.

## FORECASTS

for the 24 hours ending at NOON on 3<sup>rd</sup> February  
(Issued at 11 a.m. on the previous day.)

1886.

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

W<sup>ly</sup> or NW<sup>ly</sup> winds, light; fair  
generally.

1 { SCOTLAND  
EAST

----- D<sup>o</sup> ----- D<sup>o</sup> ----- D<sup>o</sup> -----

2 { ENGLAND  
N.E.

W<sup>ly</sup> to SW<sup>ly</sup> winds, light; fine at first;  
less settled later, probably some snow.

3 { ENGLAND  
EAST

----- D<sup>o</sup> ----- D<sup>o</sup> ----- D<sup>o</sup> -----

4 { MIDLAND  
COUNTIES

Same as No 5.

5 { ENGLAND  
SOUTH

W<sup>ly</sup> to S<sup>ly</sup> or SE<sup>ly</sup> winds, moderate;  
fair to unsettled and some snow.

6 { SCOTLAND  
WEST

Same as No 0.

7 { ENGLAND  
N.W.

W<sup>ly</sup> winds, falling light and backing;  
fair to unsettled and some snow.

8 { ENGLAND  
S.W.

W<sup>ly</sup> to S<sup>ly</sup> winds, increasing in force;  
unsettled, some rain or sleet.

9 { IRELAND  
NORTH

Same as No 7.

10 { IRELAND  
SOUTH

SE<sup>ly</sup> winds, freshening; dull, some  
rain or sleet.

### WARNINGS

The north cone has been turned  
this morning in district 9, but the  
signals are still flying in district 10.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	28.58	36	33	NHE	1	0	4	Holyhead	29.26	40	38	W	8	bmg	6
Sumburgh Head	28.83	37	35	N	4	6c	3	Valencia	29.66	44	40	NW	5	bcgkhp	5
Stornoway	29.07	38	36	WNW	4	6	3	Scilly	29.57	45	40	WNW	6	c	6
Aberdeen	28.95	36	32	NW	5	6	1	Dungeness	29.29	44	41	WNW	5	c	4
Shields	29.00	36	33	W	4	0	2	London	29.31	43	38	WNW	4	bq	*
Ardrossan	29.02	36	35	N	4	6	3	Yarmouth	29.15	38	35	WNW	5	c	4
Malin Head	29.22	42	40	NW	5	6c	6	Jersey	29.48	46	43	NW	5	6c	5
Mullaghmore	29.34	44	40	NW	8	cq	6	Rochefort	29.71	52	51	W	9	0	4
Belmullet	29.46	43	39	WNW	6	6c	*								

## REMARKS.

The barometer continues to rise in all parts of our Islands and NW<sup>4</sup> gales are reported at Mullaghmore and Holyhead. The weather is fine in most places, but hail showers are falling at Valencia. The sea is rough in the west, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.



# DAILY WEATHER REPORT

for *Wednesday* 3<sup>rd</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. SCOTT, Secretary.

Issued by the Meteorological Office, 116, Victoria Street, London, W. H. SCOTT, Secretary.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda	29.35	21	SE	6	5	29.54	+ .11	29	28	+ .14	S	2	0	*	?	12	0.35	
Hernösand	29.11	30	SSE	2	0	29.41	+ .24	21	20	- .10	Z	0	5	*	34	?	0.20	
Stockholm	29.25	34	S	2	0	29.50	+ .49	34	33	+ .3	S	2	0	*	36	28	0.04	
Wisby	29.40	33	SSW	6	0	29.48	+ .41	34	32	+ .2	S	4	0	*	37	30	0.04	
Bodö	29.18	20	E	4	0	29.42	+ .30	24	21	+ .4	ENE	4	0	2	?	18	-	
Christiansund	29.08	30	WSW	1	✓	29.38	+ .57	28	27	- .4	ESSE	1	0	1	34	25	-	
Skudesnaes	29.15	35	Z	0	0	29.39	+ .56	31	31	- .4	NW	1	0	3	36	?	-	
Oxö (Åtiansund).	29.15	33	WSW	1	0	29.40	+ .55	27	25	- .6	N	2	0	3	36	?	0.08	
Skagen (The Skaw)	29.19	31	WSW	3	0	29.38	+ .52	32	32	+ .2	WSW	3	0	2	34	?	-	
Fanö	29.29	34	WSW	4	0	29.50	+ .42	32	31	- .3	WSW	4	0	*	36	32	-	
Cuxhaven	29.45	32	W	3	0	29.55	+ .27	33	33	- .2	WSW	2	0	*	35	31	-	
Sumburgh Head	29.23	38	N	4	0	29.48	+ .41	35	34	- .2	N	3	0	2	40	33	0.01	
Stornoway	29.42	32	WNW	3	0	29.55	+ .21	25	25	- .10	WNW	2	0	2	39	22	0.04	
Wick	29.33	32	NW	2	0	29.57	+ .35	24	23	- .10	NW	1	0	0	37	23	0.05	
Nairn	29.40	35	SW	1	0	29.53	+ .24	27	25	- .8	SW	1	0	2	40	25	-	
Aberdeen	29.39	35	WNW	2	0	29.54	+ .29	27	26	- .9	W	1	0	1	40	26	-	
Leith	29.47	36	WNW	1	0	29.54	+ .19	31	31	- .3	NW	1	0	*	43	27	-	
Shields	29.47	36	W	2	0	29.53	+ .16	32	31	- .3	W	1	0	2	40	30	-	
Spurn Head	29.53	37	W	2	0	29.51	+ .11	35	35	- .1	SE	2	0	3	39	33	-	
York	29.53	36	W	1	0	29.52	+ .08	32	32	- .2	E	1	0	*	40	31	-	
Loughborough	29.60	37	WSW	1	0	29.52	+ .03	34	33	- .3	ENE	1	0	*	44	33	0.01	
Ardrrossan	29.49	40	W	3	0	29.52	+ .12	33	32	- .6	NE	2	0	1	44	32	-	
Malin Head	29.51	39	SSW	2	0	29.56	+ .05	38	37	- .2	ENE	3	0	3	43	34	0.13	
Mullaghmore	29.51	41	SW	2	0	29.51	- .03	40	40	+ .1	NW	5	0	4	44	40	0.28	
Belmullet	29.51	42	SW	3	0	29.57	- .02	43	41	+ .3	WNW	6	0	2	45	37	0.10	
Donaghadee	29.56	37	SW	2	0	29.46	- .04	38	38	+ .5	SE	3	0	1	41	32	0.13	
Barrow-in-Furness	29.53	39	WSW	2	0	29.47	+ .02	36	36	- .2	NE	2	0	*	42	35	0.16	
Liverpool (Bidston)	29.57	38	W	2	0	29.43	- .06	33	33	- .5	ESE	3	0	3	42	30	0.18	
Holyhead	29.59	40	W	2	0	29.40	- .13	41	41	+ .2	NW	4	0	3	43	33	0.42	
Parsonstown	29.61	41	Z	0	0	29.57	- .06	41	39	+ .8	W	1	0	*	44	34	0.05	
Valencia	29.62	47	WSW	1	0	29.73	+ .09	45	43	+ .3	NW	4	0	4	49	41	0.14	
Roche's Point	29.62	40	WSW	3	0	29.62	- .03	43	41	+ .5	WNW	3	0	4	48	38	0.02	
Pembroke	29.64	42	WNW	2	0	29.54	- .10	45	43	+ .4	NW	5	0	1	45	?	0.06	
Scilly	29.65	46	W	1	0	29.64	- .06	47	45	+ .3	NW	6	0	5	45	43	0.04	
Prawle Point	29.69	42	W	3	0	29.55	- .14	42	41	+ .3	WNW	3	0	3	46	38	0.11	
Hurst Castle	29.67	38	W	2	0	29.48	- .16	42	42	+ .4	WNW	2	0	3	46	35	0.09	
Dungeness	29.63	39	NW	3	0	29.53	- .01	40	40	+ .4	SW	3	0	2	45	35	-	
London	29.58	37	NW	2	0	29.52	- .05	35	34	- .2	NE	1	0	*	44	34	0.21	
Oxford	29.65	37	W	2	0	29.49	- .08	35	34	- .1	ESE	1	0	*	45	34	0.18	
Cambridge	29.61	34	Z	0	0	29.53	- .00	34	33	- .2	Z	0	0	*	43	31	-	
Yarmouth	29.55	36	W	3	0	29.54	+ .09	33	32	- .1	Z	0	0	3	40	31	-	
The Helder	29.54	38	W	3	0	29.56	+ .19	33	32	- .5	W	1	0	1	39	32	-	
Cape Gris Nez	29.71	43	W	2	0	29.36	- .16	45	43	+ .2	WNW	5	0	5	46	41	0.21	
Jersey	29.73	46	SSE	3	0	29.70	- .11	46	43	+ .2	NW	7	0	4	48	39	0.16	
Brest	29.75	47	WNW	4	0	29.73	- .11	49	45	+ .4	NW	8	0	5	?	41	0.16	
Lorient	29.88	47	WSW	5	0	29.81	- .15	49	49	+ .5	W	8	0	7	?	43	0.24	
Rochefort	29.98	51	WSW	9	0	29.96	- .06	50	50	+ .1	WSW	8	0	7	55	?	0.47	
Biarritz	*	*	*	*	*	29.62	+ .07	35	34	- .1	SSW	1	0	*	41	34	-	
Corunna	*	*	*	*	*	29.64	?	32	32	- .1	SW	4	0	*	30	30	0.04	
Brussels	*	*	*	*	*	29.62	- .13	40	39	+ .2	SE	4	0	*	*	*	0.24	
Charleville	29.75	41	SW	4	0	29.77	- .12	36	35	0	S	3	0	*	45	35	0.04	
Paris	29.88	39	S	1	0	29.78	+ .12	42	38	+ .1	NW	5	0	4	48	39	-	
Lyons	29.82	44	NW	7	0													
Toulon	29.82	44	NW	7	0													

## EXPLANATION OF COLUMNS.

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.  
 † The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY. 3<sup>rd</sup> February. 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

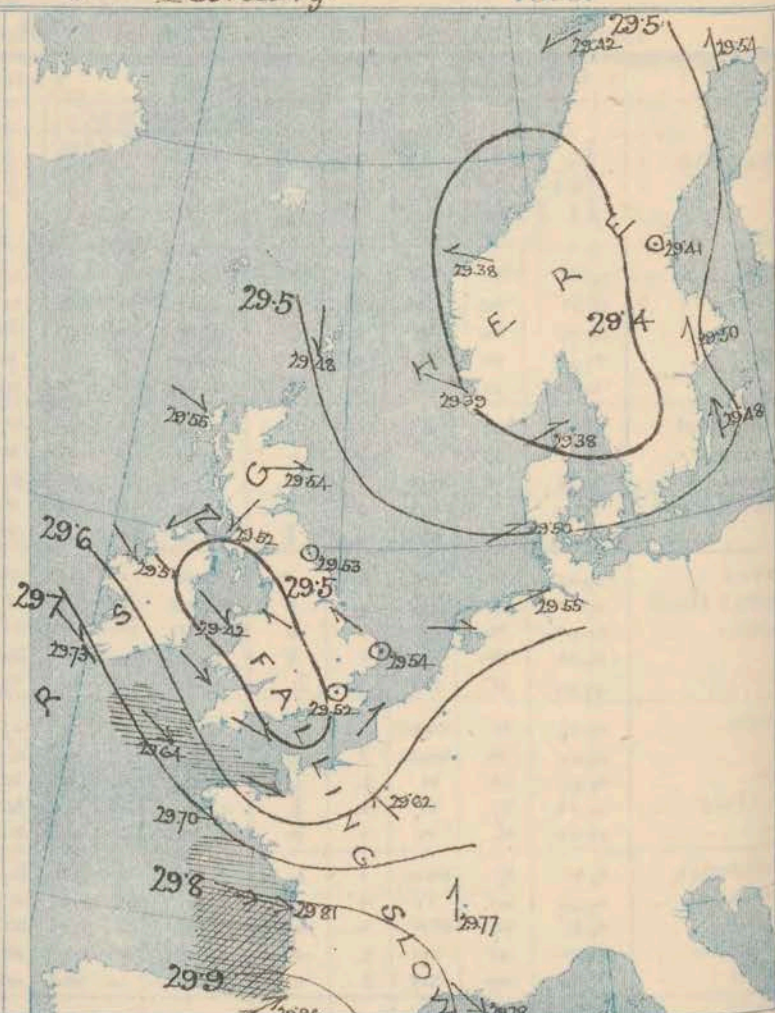
**Barometer**—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind**—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—  
 \* → = forces above 10; — → = forces 8 to 10;  
 — → = forces 5 to 7; — → = forces 1 to 4;  
 ⊙ = dead calm.

**Sea Disturbance**—where considerable, is shown thus  
 [Hatched Box] = Rough. [Cross-hatched Box] = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.883
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature**—Isotherms are drawn for each 10° changes since previous morning are stated in words.

**Weather**—is shown by letters of the Beaufort Scale.

**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	Average Dry.	Average Wet	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	1.97
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.56
Shields	43.7	35.9	38.8	37.5	1.68
York	44.9	33.6	37.7	36.7	1.85
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.95
Hurst Castle	45.8	37.5	40.9	40.1	2.68
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.85
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85





# REMARKS.

for Wednesday 3<sup>rd</sup> February 1886 at 8 a.m.

The depression which lay over Norway yesterday has almost entirely dispersed, but in the course of the night a large but shallow disturbance has been formed over England and the Irish Sea. The barometer is consequently falling at the English stations as well as in France, but elsewhere a rise is reported. Calms or variable airs prevail over eastern and central England, but elsewhere the wind is chiefly NW, on our west and southwest coasts it blows freshly and in the west of France a moderate to fresh gale prevails. The weather is fine and bright in Scotland and fair on our southwest coasts, but cloudy or overcast elsewhere, with rain or sleet at many of the English stations and also in the northern parts of Ireland and France. In the course of the past forty-four hours rain has fallen in the west and south of our Islands. Temperature has risen at our southwestern and the French stations but fallen elsewhere — most in Scotland; readings now range from 47° at Seilly to 21° at Wick. Sharp frost occurred in Scotland last night, the lowest minimum being 22° at Stromness. The sea is high in the southern part of the Bay of Biscay, rather rough at the mouth of the Channel, moderate to smooth elsewhere.

The depression over England seems likely to move slowly eastwards and will probably become shallower.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that:—

- (1) On the 30<sup>th</sup> ult. in Lat: 40° N, Long: 60° W during a strong gale from SE shifting to NW the barometer at midnight fell to a minimum of 29.4 ins.
- (2) " " 31<sup>st</sup> " " " 43° N. " 60° W " " fresh " " SW veering to W " " " 4 am " " " 29.4 "
- (3) " " 1<sup>st</sup> inst " " 41° N " 60° W " " fresh " " SE shifting to NW " " " 8 am " " " 29.8 "

## FORECASTS

for the 24 hours ending at NOON on 4<sup>th</sup> February 1886.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	Light breezes, chiefly NW <sup>ly</sup> ; fair generally.	6 { SCOTLAND WEST	NE <sup>ly</sup> and N <sup>ly</sup> winds, light, fair generally.
7 { SCOTLAND EAST	----- D° ----- D° -----	7 { ENGLAND N.W.	Same as N° 5.
2 { ENGLAND N.E.	Same as N° 5.	8 { ENGLAND S.W.	NW <sup>ly</sup> winds, fresh or strong, fair generally, but perhaps some showers.
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	----- D° ----- D° -----
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	----- D° ----- D° -----
5 { ENGLAND SOUTH	Variable breezes, finally NW <sup>ly</sup> ; sleet or rain at first, some improvement later.	WARNINGS	None issued.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	28.99	35	34	NNE	2	S	4	Holyhead	29.59	42	40	W	4	b m	4
Sumburgh Head	29.16	39	34	N	4	b	3	Valencia	29.67	46	46	SW	3	omd	3
Stornoway	29.42	36	35	WNW	4	bshp	3	Scilly	29.66	47	45	WSW	2	o	4
Aberdeen	29.33	38	35	WNW	4	b	1	Dungeness	29.60	42	40	NW	4	c	3
Shields	29.44	40	36	W	3	b	2	London	29.61	44	40	W	4	c	*
Ardrossan	29.47	43	40	WNW	4	b	3	Yarmouth	29.50	40	38	WNW	4	b	4
Malin Head	29.51	40	?	WSW	3	c	3	Jersey	29.71	43	42	WNW	3	o	3
Mullaghmore	29.57	43	41	SW	3	c	2	Rochefort	29.94	46	45	WSW	4	r	2
Belmullet	29.57	45	43	W	4	b	*								

## REMARKS.

The barometer continues to rise at all our more northern and eastern stations, but at Scilly and Rochefort a slight fall is reported, while at Valencia the mercury is unsteady. The wind has veered to SW. at Valencia, but has backed a little at our other western stations. The weather remains fine in the north and east, but is dull in the south-west with drizzling rain at Valencia. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for Thursday — 4<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).			SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).				Max.	Min.	
Haparanda	29.79	20	S	6	S		30.00	+46	26	26	-3	S	4	S	*		33	19	0.28
Hernösand	29.80	21	Z	0	O		30.09	+68	6	6	-15	Z	0	bc	*		30	?	0.04
Stockholm	29.76	33	SE	2	O		29.93	+43	32	32	-2	E	0	bc	*		36	30	-
Wisby	29.68	32	SE	4	O		29.81	+33	32	31	-2	E	6	bc	*		34	28	-
Bodö	29.66	24	ENE	4	S		29.88	+46	28	25	+4	E	4	S	2		31	21	-
Christiansund	29.71	28	ENE	2	b		29.98	+60	29	28	+1	ENE	1	0	1		32	23	-
Skudesnaes	29.72	36	E	2	c		29.99	+60	29	27	-2	ENE	1	0	3		37	?	-
Ørö (Christiansund)	29.74	28	ENE	4	c		30.00	+57	19	18	-8	NNE	4	6	2		32	18	-
Skagen (The Skaw)	29.71	31	ENE	2	bc		29.84	+46	29	28	-3	NE	3	0	2		34	?	0.08
Faro	29.81	28	Z	0	b		29.93	+43	23	22	-9	N	2	?	*		37	?	-
Cuxhaven	29.69	34	SW	1	b		29.92	+87	35	35	+2	WSW	1	?	*		35	32	-
Sumburgh Head	29.74	37	N	2	0		30.06	+58	36	34	+1	N	4	?	1		38	32	-
Stornoway	29.84	34	NW	2	b		30.18	+63	28	28	+3	WNW	3	6	2		39	28	-
Wick	29.82	25	NW	1	bc		30.16	+59	28	27	+4	NW	1	?	0		35	22	-
Nairn	29.81	31	SW	2	b		30.17	+64	29	27	+2	SW	1	?	1		37	24	-
Aberdeen	29.79	25	NW	3	bc		30.15	+61	33	31	+6	NW	3	?	1		39	25	-
Leith	29.80	32	W	1	?		30.18	+64	31	29	0	NW	1	cm	*		38	27	-
Shields	29.75	38	N	1	b		30.16	+63	31	29	-1	NW	1	?	2		41	30	-
Spurn Head	29.71	30	NE	2	b		30.08	+57	35	34	0	NW	4	cm	3		40	30	-
York	29.74	34	NE	1	bc		30.14	+62	32	31	0	NW	1	?	*		39	29	0.01
Loughborough	29.71	37	ENE	2	0		30.14	+62	32	31	-2	WNW	2	bm	*		38	31	0.03
Ardrossan	29.81	32	NE	1	bm		30.22	+70	26	26	-7	Z	0	bm	0		37	25	-
Malin Head	29.83	40	ENE	3	b		30.25	+69	38	37	0	N	2	?	2		42	37	0.02
Mullaghmore	29.82	40	E	4	cm		30.24	+73	32	31	-9	Z	0	?	2		43	28	-
Belmullet	29.82	44	NW	3	b		30.25	+68	33	33	-10	ENE	1	0	*		47	33	0.09
Donaghadee	29.83	40	ENE	3	bc		30.21	+75	32	31	-6	N	2	?	0		41	29	0.02
Barrow-in-Furness	29.76	37	NE	2	bc		30.17	+70	30	30	-6	ENE	1	bc	*		43	30	-
Liverpool (Bidston)	29.75	37	ENE	1	0		30.18	+75	31	30	-2	NE	1	?	2		40	31	0.07
Holyhead	29.75	40	NE	4	cm		30.20	+78	36	36	-5	NE	1	bm	2		41	31	0.04
Parsonstown	29.82	43	W	1	0		30.27	+70	26	26	-15	Z	0	?	*		46	25	-
Valencia	29.92	47	NW	4	cm		30.25	+52	37	37	-8	Z	0	bm	1		50	37	0.07
Roche's Point	29.84	45	NW	5	N		30.21	+59	35	34	-8	N	1	?	3		48	34	0.02
Pembroke	29.72	42	NW	5	c		30.18	+64	36	35	-9	ENE	2	m	1		45	35	-
Scilly	29.79	47	NW	7	cm		30.13	+49	44	42	-3	ENE	4	of	4		48	42	0.12
Prawle Point	29.68	43	NW	4	c		30.15	+60	34	33	-8	ENE	3	?	3		47	33	0.02
Hurst Castle	29.64	43	NW	3	c		30.09	+61	36	35	-6	ENE	4	m	3		46	34	0.02
Dungeness	29.60	40	SE	4	N		30.00	+47	34	34	-6	N	4	N	2		45	33	0.26
London	29.65	38	NE	1	ogm		30.09	+57	35	34	0	NW	2	ogm	*		38	34	0.17
Oxford	29.75	37	ENE	1	N		30.14	+65	33	32	-2	N	1	?	*		38	32	0.14
Cambridge	29.70	39	Z	0	0		30.12	+59	32	31	-2	NW	1	0	*		41	29	0.01
Yarmouth	29.68	37	N	1	b		30.05	+51	34	33	+1	NW	1	bm	3		38	30	0.02
The Helder	29.74	32	ENE	1	?		29.98	+42	33	33	0	WNW	1	?	4		37	28	-
Cape Gris Nez	29.55	37	E	1	N		30.01		37	36		E	3	bc	2		41	36	0.16
Jersey	29.70	44	NW	5	bc		30.03	+47	41	40	-4	NE	4	cm	4		47	40	0.06
Brest	29.84	46	WSW	5	0		30.06	+36	42	40	-4	N	5	0	4		48	41	0.16
Lorient	29.82	47	NW	8	bc		30.01	+28	44	41	-5	NW	7	m	4		50	39	-
Roche fort	29.90	48	NW	7	bc		29.97	+16	46	43	-3	NW	8	0	3		52	41	0.04
Biarritz	30.02	52	W	7	0		30.02	+06	49	46	-1	W	7	?	5		55	48	0.20
Corunna	*	*	*	*	*		30.36		50	47		ENE	7	0	4		57	?	0.08
Brussels	*	*	*	*	*		30.01	+39	31	31	-4	NE	1	0	*		42	28	-
Charleville	29.63	37	SW	4	0		29.90	+26	31	30	-1	SW	4	?	*		39	28	-
Paris	29.60	44	WSW	4	N		29.99	+37	37	36	-3	N	4	bc	*		*	*	0.12
Lyons	29.70	43	W	3	c		29.82	+05	39	38	+3	NW	3	0	*		46	?	0.28
Toulon	29.65	46	WSW	5	0		29.72	-06	41	36	-1	NW	5	?	5		50	37	0.04

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

† These Stations send Reports at 2 p.m. daily (Sundays excepted).

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# WEATHER CHARTS

for 8 a.m. on Thursday, 4<sup>th</sup> February, 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force. Thus —

— = forces above 10; — = forces 8 to 10;

— = forces 5 to 7; — = forces 1 to 4;

⊙ = dead calm.

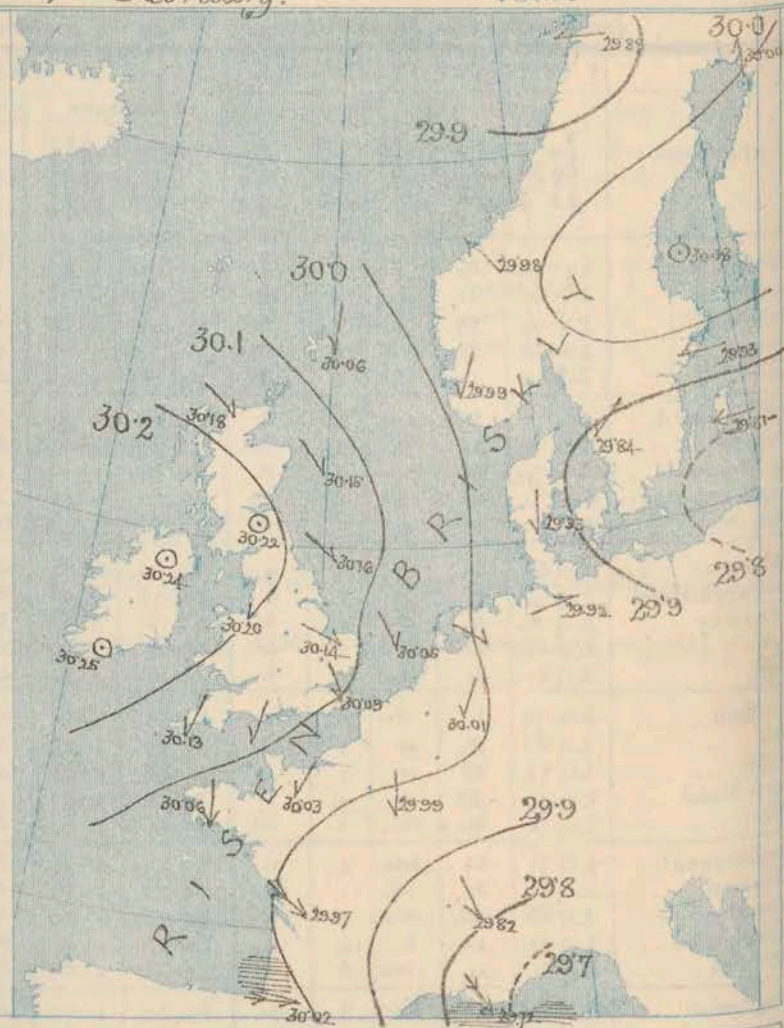
**Sea Disturbance** — where considerable, is shown thus

— = Rough; — = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
During the 10 Years, 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.798
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.

**Weather** — is shown by Letters of the Beaufort Scale.

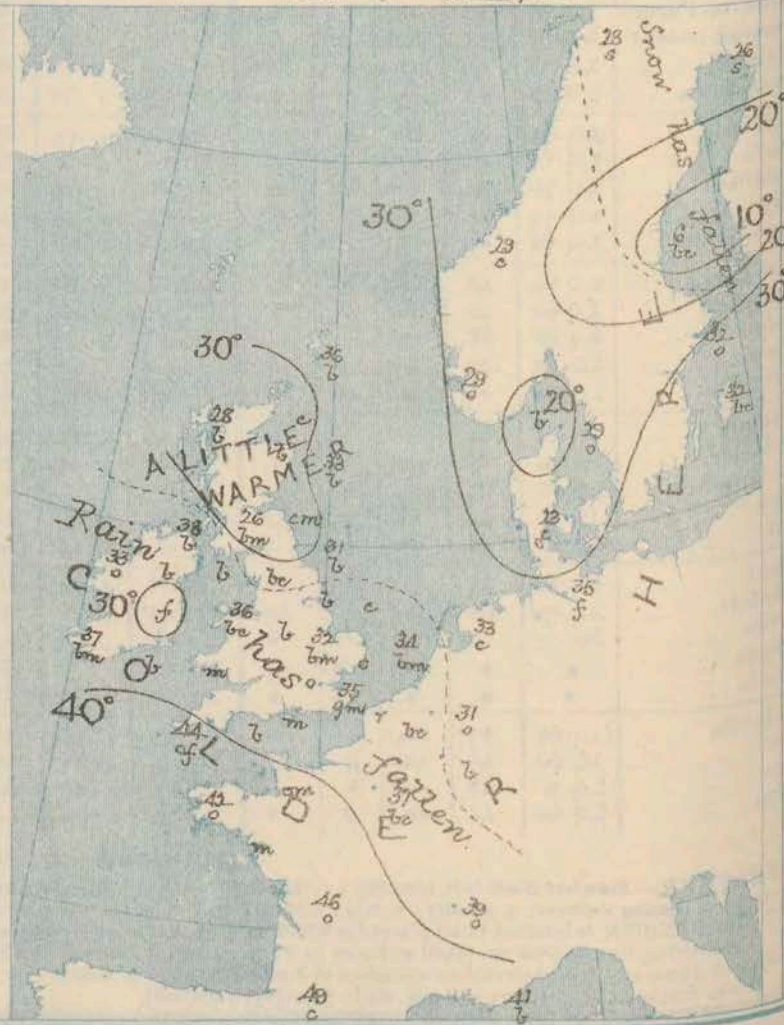
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 1/16 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of February.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	Ath. m. Dry.	Wet.	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	3.97
Wick	43.3	33.3	38.3	36.8	3.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	31.4	38.9	37.6	1.58
Shields	43.7	35.9	38.8	37.5	1.03
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.80
Pembroke	48.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.98
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Thursday 4<sup>th</sup> February 1886 at 8 a.m.

The shallow depression which lay over England yesterday has since moved in a SE<sup>th</sup> direction and has apparently dispersed. The barometer is now rising briskly at nearly all stations, and an anticyclone with readings above 30.2 ins. is lying over our western coasts, while areas of relatively low pressure are found over the Baltic and south-east of France. Light NW<sup>th</sup> breezes are reported on our north and east coasts, and strong winds or gales from the same quarter in the west of France, but elsewhere the wind is chiefly N<sup>th</sup>. Snow prevails in the north of Scandinavia, rain at Dungeness, and dull weather at some of the French stations, but elsewhere the sky is clear or nearly so. During yesterday sleet or cold rain fell in many parts of England, Ireland and France. Temperature has fallen several degrees in the west and south, but risen slightly in the north; readings now range from 44° at Scilly to 26° at Anderson and Parnassus. Sharp frost occurred last night over Scotland and Central Ireland. The sea is moderate in the Bay of Biscay and also at the mouth of the Channel, slight or moderate elsewhere.

The anticyclone in the west seems likely to extend eastwards, and fine cold weather is probable over England.

## FORECASTS

For the 24 hours ending at NOON on 5<sup>th</sup> FEBRUARY 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	NW <sup>th</sup> and N <sup>th</sup> winds, light or moderate; fine generally.	6 SCOTLAND WEST	Same as 7 <sup>th</sup> 0
2 SCOTLAND EAST	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	7 ENGLAND N. W.	Same as 7 <sup>th</sup> 5
3 ENGLAND N. E.	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	8 ENGLAND S. W.	Same as 7 <sup>th</sup> 5
4 ENGLAND EAST	Same as 7 <sup>th</sup> 5	9 IRELAND NORTH	Calms or N <sup>th</sup> airs; fine generally, but local fogs.
5 MIDLAND COUNTIES	Same as 7 <sup>th</sup> 5	10 IRELAND SOUTH	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
6 ENGLAND SOUTH	N <sup>th</sup> winds, light or moderate; fair generally, frost at night.	WARNINGS	
		NONE ISSUED.	



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Scr.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.54	37	36	WFE	2	0	3	Holyhead	29.60	39	39	NE	3	cm	2
Sumburgh Head	29.61	37	35	N	3	c	2	Valencia	29.85	47	44	NW	5	eq	5
Stornoway	29.72	39	38	WNW	2	bc	1	Scilly	29.74	48	45	WNW	6	e	5
Aberdeen	29.66	36	34	NW	3	b	1	Dungeness	29.54	40	40	SE	4	n	3.
Shields	29.63	41	39	N	1	bc	2	London	29.56	37	37	SE	1	or g	*
Ardrossan	29.68	37	34	NE	1	b	0	Yarmouth	29.58	38	37	Z	0	b	3
Malin Head	29.77	41	39	EFE	1	bc	1	Jersey	29.64	47	45	WNW	5	bc	5
Mullaghmore	29.69	42	40	N	2	bc	3	Rochefort	29.84	50	47	WNW	7	bc	3
Belmullet	29.71	47	44	NW	4	c	*								

## REMARKS.

The depression of this morning is moving slowly eastwards and dispersing and the barometer is now rising generally, - most in the west and north. Very little change has taken place in the winds, but fair weather is now reported from all stations excepting Dungeness and London, where rain is falling. The sea is rather rough at Valencia and Scilly.



# DAILY WEATHER REPORT

for *Friday 5<sup>th</sup> February 1886.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 29° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12.)		Weather.	Max.		Min.		
Haparanda	30.30	18	S	2	0	30.49	+ .49	15	15	- 11	S	2	0	*	28	?	-		
Hernösand	30.33	14	Z	0	0	30.52	+ .43	12	12	+ 6	NE	2	0	*	21	5	0.04		
Stockholm	30.08	28	E	2	S	30.32	+ .39	24	23	- 8	E	2	0	*	34	?	0.12		
Wisby	29.97	27	E	4	S	30.16	+ .35	24	24	- 8	ESE	6	0	*	33	?	0.16		
Bodö	30.23	33	SW	5	S	30.45	+ .57	28	25	0	EHE	1	60	1	34	25	-		
Christiansund	30.25	29	ESE	2	b	30.31	+ .33	29	29	0	ESE	2	6	2	32	23	-		
Skudesnaes	?	27	Z	0	b	30.24	+ .25	28	25	- 1	EHE	2	60	3	32	27	-		
Oxö (Christiansund)	30.20	26	NW	4	b	30.22	+ .22	26	23	+ 7	N	6	0	3	30	?	-		
Skagen (The Skaw)	30.11	32	NE	3	0	30.14	+ .30	27	26	- 2	EHE	4	8	2	32	27	0.04		
Fanö	30.09	30	N	6	0	30.07	+ .14	29	28	+ 6	N	6	0	*	30	21	-		
Cuxhaven	30.09	30	NE	2	e	30.07	+ .15	31	31	- 4	NHE	4	0	*	?	?	-		
Sumburgh Head	30.24	34	N	1	b	30.19	+ .13	35	33	- 1	SSE	1	60	0	38	30	-		
Stornoway	30.29	30	NW	1	b	30.05	- .13	40	36	+ 12	S	5	09	5	42	27	-		
Wick	30.29	35	NE	1	0	30.16	00	35	34	+ 7	S	2	60	1	36	27	-		
Nairn	30.30	30	SW	1	b	30.16	- .01	20	19	- 9	Z	0	6	0	40	18	-		
Aberdeen	30.29	33	NW	3	b	30.22	+ .07	24	23	- 9	NW	1	6	0	40	24	-		
Leith	30.32	34	W	1	b	30.25	+ .07	20	20	- 11	N	1	6	*	41	19	-		
Shields	30.30	34	NW	1	b	30.24	+ .08	28	27	- 3	W	2	6	2	41	26	-		
Spurn Head	30.22	36	NW	4	b	30.20	+ .12	34	34	- 1	NW	3	chaps	3	40	33	0.08		
York	30.28	34	N	1	b	30.26	+ .12	31	31	- 1	N	1	60	*	38	29	-		
Loughborough	30.29	37	NW	2	0	30.26	+ .12	30	29	- 2	NW	1	cm	*	40	30	-		
Androssan	30.33	32	Z	0	b	30.20	- .02	30	29	+ 4	EHE	1	cm	1	40	26	-		
Malin Head	30.32	35	S	2	b	30.09	- .16	35	34	- 3	SSE	4	cm	3	44	32	-		
Mullaghmore	30.33	35	Z	0	b	30.08	- .16	39	37	+ 7	SSE	4	og	4	45	30	-		
Belmullet	30.32	41	S	2	0	30.00	- .25	41	40	+ 8	SSE	6	0	*	45	32	0.01		
Donaghadee	30.35	32	NE	1	b	30.22	+ .01	35	34	+ 3	SSW	2	6	0	41	27	-		
Barrow-in-Furness	30.29	35	NE	2	b	30.26	+ .09	25	27	- 2	NE	1	6	*	41	27	-		
Liverpool (Bidston)	30.31	35	NW	1	b	30.26	+ .08	32	31	+ 1	NW	1	6	1	38	31	-		
Holyhead	30.32	37	Z	0	b	30.26	+ .06	32	32	- 4	S	1	6m	1	41	25	-		
Parsonstown	30.37	30	Z	0	b	30.16	- .11	33	32	+ 7	SSE	1	c	*	33	24	-		
Valencia	30.34	42	hsw	1	b	30.10	- .15	46	45	+ 9	SE	6	mpsw	5	51	36	0.02		
Roche's Point	30.33	39	NW	1	b	30.19	- .02	43	42	+ 8	S	3	0	4	47	31	-		
Pembroke	30.32	37	NE	2	m	30.28	+ .10	33	32	- 3	NE	1	6	0	43	32	0.02		
Seilly	30.23	45	N	2	c	30.26	+ .13	40	37	- 4	EHE	1	c	3	46	38	-		
Prawle Point	30.31	36	N	2	b	30.31	+ .16	31	24	- 3	NW	1	6	2	45	29	-		
Hurst Castle	30.25	38	NE	3	m	30.26	+ .17	31	31	- 5	NE	3	m	2	43	28	-		
Dungeness	30.14	38	N	2	b	30.20	+ .20	33	32	- 1	N	2	c	2	40	31	-		
London	30.22	39	NW	2	cm	30.23	+ .14	34	33	- 1	NW	1	fg	*	40	31	-		
Oxford	30.30	36	NW	3	c	30.26	+ .12	32	30	- 1	Z	0	sw	*	42	32	-		
Cambridge	30.27	35	N	1	b	30.22	+ .10	33	30	+ 1	N	1	0	*	42	29	0.16		
Yarmouth	30.17	36	NHE	3	c	30.19	+ .14	35	34	+ 1	NE	2	bcv	3	40	31	0.05		
The Helder	30.11	34	N	1	S	30.13	+ .15	34	32	+ 1	N	1	c	1	39	32	0.16		
Cape Gris Nez	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Jersey	30.23	38	EHE	3	cm	30.26	+ .23	39	37	- 2	NE	3	cm	3	43	37	-		
Brest	30.27	39	NE	4	0	30.30	+ .24	38	35	- 4	NE	3	c	3	48	34	-		
Lorient	30.24	43	NHE	7	b	30.30	+ .29	39	37	- 5	NHE	3	0	3	48	34	-		
Rochefort	30.17	42	NHE	7	b	30.30	+ .33	35	34	- 11	NHE	4	60	2	50	28	-		
Biarritz	30.08	48	N	5	c	30.25	+ .23	34	32	- 15	EHE	4	m	5	52	32	0.51		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.15	+ .14	33	33	+ 2	NW	1	S	*	34	?	0.04		
Charleville	29.12	31	SW	7	b	30.10	+ .20	32	32	+ 1	Z	0	c	*	36	?	-		
Paris	30.17	35	N	4	0	30.21	+ .22	36	34	- 1	NW	4	60	*	*	*	-		
Lyons	29.96	37	N	5	0	30.10	+ .28	30	29	- 9	N	7	0	*	42	30	-		
Toulon	29.74	44	NW	5	c	29.32	+ .10	41	37	0	E	1	0	2	48	39	-		

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

*Printed by George and John Taylor, London.*



# WEATHER CHARTS

for 8 a.m. on

Friday, 5<sup>th</sup> February

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer**—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind**—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—

→ = forces above 10; →→ = forces 8 to 10;  
→→ = forces 5 to 7; →→ = forces 1 to 4;  
○ = dead calm.

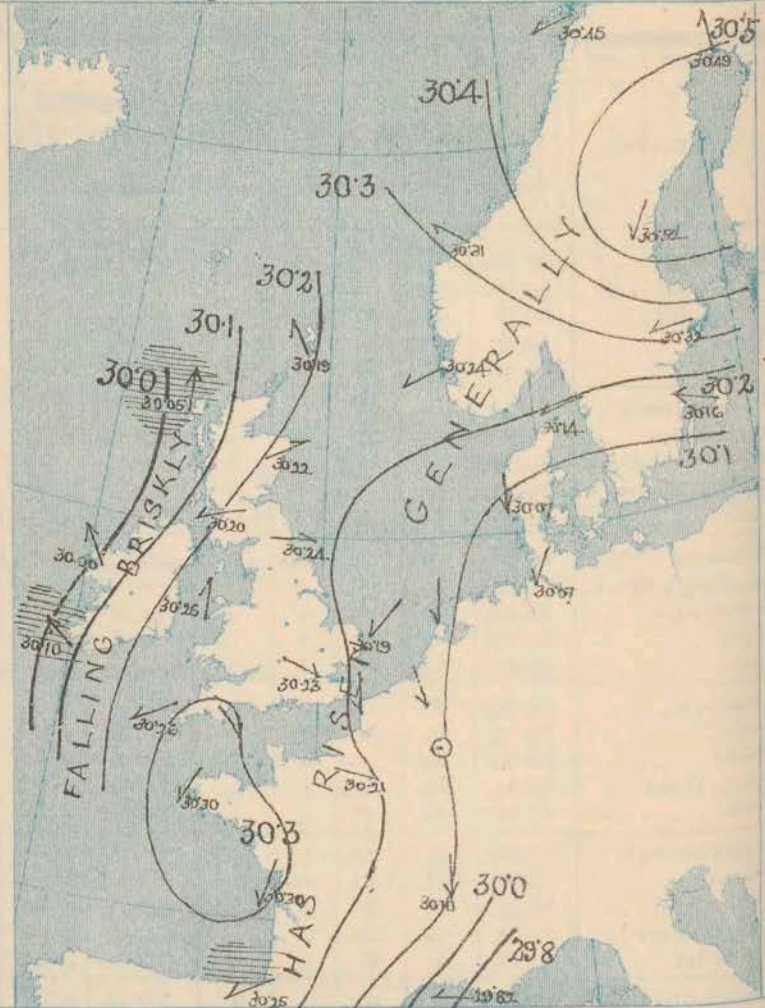
**Sea Disturbance**—where considerable, is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	in.
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.750
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.892
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature**—Isotherms are drawn for each 10° Changes since previous morning are stated in words.

**Weather**—is shown by Letters of the Beaufort Scale.

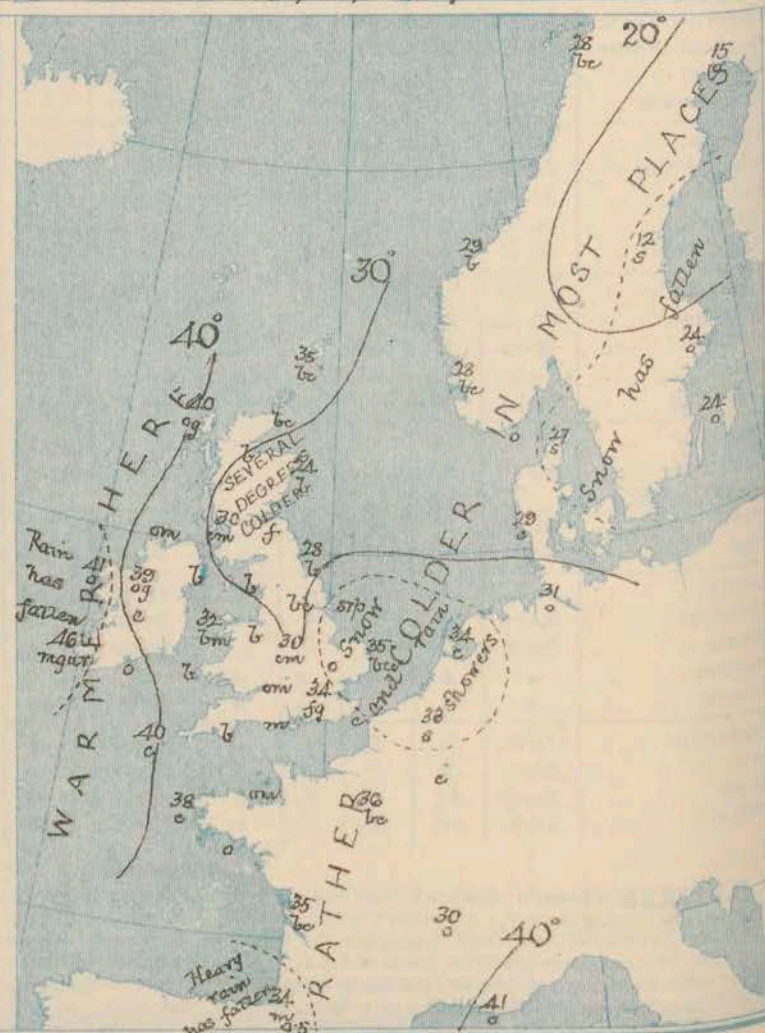
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry	Wet.	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	3.97
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.58
Shields	43.7	35.9	38.8	37.5	1.63
York	44.9	38.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	1.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.98
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Friday 5<sup>th</sup> February

1886 at 8 a.m.

The distribution of pressure is now very irregular. The barometer continues to rise at most of the Continental stations, and anticyclonic systems are found over the Gulf of Bothnia and NW of France, but on our western and northern coasts the barometer is falling quickly, and a depression is apparently advancing towards Ireland from the Atlantic. Relatively low pressures are also prevalent over central Europe. The wind is E<sup>3</sup> in Scandinavia and N<sup>1</sup> in Denmark, the Netherlands and France, but over England and the east of Scotland light variable airs are reported, while in Ireland the wind is increasing from the SE<sup>4</sup>. The weather is dull on our extreme west and north-west coasts, and also at the Swedish and Danish stations, but generally fair elsewhere. Fog or mist is however, reported in many parts of St. Britain, and sleet showers are falling at Spurn Head. Snow and hail fell last night in the east of England. Temperature has risen in Ireland and the east of Scotland, but fallen elsewhere; readings now range from 46° at Valencia to 20° at Kain and Leith. Frost occurred last night in most parts of the Kingdom, the lowest readings being 18° at Kain and 19° at Leith. The sea is rather rough at Stornoway and Valencia, moderate to smooth elsewhere.

The depression which is approaching Ireland seems likely to move northwards, and will probably occasion an increase of wind on our western and northern coasts generally.

## FORECASTS

for the 24 hours ending at NOON on 6<sup>th</sup> FEBRUARY 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	S <sup>3</sup> winds, increasing in force; fine to unsettled and perhaps some snow.	6 { SCOTLAND WEST	Same as No 0
2 { SCOTLAND EAST	-----D°-----D°-----D°-----	7 { ENGLAND N.W.	S <sup>4</sup> and SE <sup>3</sup> winds, light to fresh; fair to cloudy and unsettled.
3 { ENGLAND N.E.	NN <sup>2</sup> to SW <sup>2</sup> winds, moderate; fine at first, less settled later.	8 { ENGLAND S.W.	-----D°-----D°-----D°-----
4 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	SE <sup>2</sup> and S <sup>2</sup> winds, strong to gale; dull, some rain or sleet.
5 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
6 { ENGLAND SOUTH	Light variable airs; fair generally, but some fog or mist.	WARNINGS	The south cone has been hoisted this morning in districts 6, 9 and 10



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.10	32	29	NHE	1	6	3	Holyhead	30.28	40	38	N	1	6	2
Sumburgh Head	30.19	36	34	N	3	6	1	Valencia	30.30	47	45	from	2	60	2
Stornoway	30.24	41	38	WNW	1	6	1	Scilly	30.26	44	42	NHE	2	em	5
Aberdeen	30.23	37	35	NHE	3	6	1	Dungeness	30.12	40	39	NHE	3	c	2
Shields	30.23	40	36	NW	2	6	2	London	30.19	40	38	NW	2	0	*
Ardrossan	30.29	39	35	N	0	6	0	Yarmouth	30.12	40	39	NHE	3	60	3
Malin Head	30.30	41	37	E	2	6	2	Jersey	30.17	41	38	NHE	4	60	3
Mullaghmore	30.30	41	40	E	2	6	2	Rocheport	30.05	47	45	N	7	c	3
Belmullet	30.29	45	41	S	1	3	*								

## REMARKS.

The barometer continues to rise generally and light NW or N breezes prevail at all but the Irish stations, where the wind is variable. Fair weather is reported in most places. The sea is rather rough at Scilly, slight or smooth elsewhere.



# DAILY WEATHER REPORT

for. Saturday—6<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.																	
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).	Weather.		Max.	Min.	
Haparanda	30.74	14	Z	0	0	30.80	+ .31	-10	-10	-25	SE	2	6	*	10	?	-
Hernösand	30.65	21	Z	0	0	30.73	+ .21	18	17	+ 6	SSE	2	0	*	21	10	-
Stockholm	30.42	24	E	4	0	30.56	+ .24	18	17	- 6	NE	2	6	*	30	?	-
Wisby	30.34	21	E	4	0	30.36	+ .20	17	16	- 7	ESE	4	6	*	27	?	-
Bodö	30.44	28	ENE	4	6	30.38	- .07	23	21	- 5	ENE	4	6	2	23	21	-
Christiansund	30.21	30	ESE	1	6	30.37	+ .06	29	27	0	ESE	3	6	2	32	25	-
Skudesnaes	30.25	30	E	4	0	30.35	+ .11	31	27	+ 3	E	6	0	4	?	23	-
Ålesund (Christiansund)	30.22	28	NNE	6	8	30.38	+ .16	28	27	- 2	NE	8	8	4	?	?	-
Skagen (The Skaw)	30.24	29	E	4	0	30.24	+ .20	26	25	- 1	SE	5	0	2	30	?	0.04
Fanö	30.10	29	E	4	0	30.21	+ .14	24	24	- 5	E	2	6	*	?	?	-
Cuxhaven	30.05	29	E	1	6c	30.15	+ .08	30	30	- 1	E	3	0	*	?	27	-
Sumburgh Head	30.02	37	SSE	3	6c	30.10	- .09	36	33	+ 1	SSE	4	0	4	40	32	0.01
Stornoway	29.89	39	S	5	2	29.99	- .06	36	36	- 4	SW	3	6	3	41	33	0.17
Wick	29.97	37	SE	3	6c	30.07	- .09	37	35	+ 2	S	4	0	2	38	32	-
Nairn	29.95	35	Z	0	0	30.06	- .10	33	32	+ 13	Z	0	0	1	37	18	0.03
Aberdeen	30.03	34	S	2	c	30.13	- .09	34	33	+ 10	S	3	hsp	1	39	24	0.25
Leith	30.01	34	N	1	c	30.14	- .11	30	30	+ 10	NW	1	f	*	37	20	-
Shields	30.03	37	N	1	m	30.17	- .07	30	29	+ 2	NW	1	6	2	30	27	0.19
Spurn Head	30.04	36	S	2	c	30.11	- .09	33	32	- 1	NW	3	6cm	2	37	32	0.02
York	30.06	36	N	1	0	30.15	- .11	30	30	- 1	N	1	s	*	37	29	0.01
Loughborough	30.06	35	ENE	1	0	30.15	- .11	29	29	- 1	N	1	ogf	*	40	29	-
Ardrossan	29.99	34	E	1	of	30.14	- .06	32	32	+ 2	ENE	1	of	1	36	29	0.04
Malin Head	29.87	35	S	1	A	30.11	+ .02	38	38	+ 3	SW	3	m	3	40	34	0.30
Mullaghmore	29.86	38	E	2	0A	30.11	+ .03	38	37	- 1	SW	1	6	4	41	37	0.28
Belmullet	29.91	44	NW	5	c	30.13	+ .13	39	38	- 2	SSE	6	6	*	45	35	0.45
Donaghadee	29.99	38	SW	3	c	30.14	- .08	35	35	0	NW	2	0	0	40	34	0.03
Barrow-in-Furness	30.01	34	NE	1	c	30.14	- .12	32	32	+ 4	NE	1	f	*	35	27	-
Liverpool (Bidston)	30.00	34	SE	2	0	30.14	- .12	32	31	0	SE	1	f	1	36	32	0.01
Holyhead	29.96	36	SSE	3	0	30.14	- .12	33	33	+ 1	Z	0	f	1	38	27	0.01
Parsonstown	29.85	36	SSE	1	A	30.18	+ .02	30	30	- 3	Z	0	6	*	40	30	0.53
Valencia	29.93	46	NW	5	6c	30.22	+ .12	42	41	- 4	Z	0	cm	1	50	41	0.44
Roche's Point	29.77	44	NW	5	c	30.17	- .02	39	37	- 4	NW	2	6c	4	48	36	0.50
Pembroke	29.89	40	SSE	5	0	30.14	- .14	35	34	+ 2	NE	2	m	2	46	33	0.16
Seilly	29.83	45	S	6	n	30.12	- .14	44	41	+ 4	NNE	4	0	6	46	38	0.36
Prawle Point	29.98	41	S	3	0	30.13	- .18	36	35	+ 5	NNE	3	og	2	42	29	0.03
Hurst Castle	30.05	37	E	3	m	30.11	- .15	30	30	- 1	NE	2	m	2	40	29	-
Dungeness	30.08	34	N	2	0	30.06	- .14	29	29	- 1	NNE	2	m	2	40	26	-
London	30.07	34	N	1	og m	30.12	- .11	30	29	- 4	NW	1	f	*	37	28	-
Oxford	30.03	34	E	1	0	30.14	- .12	29	29	- 3	NE	1	6m	*	37	29	-
Cambridge	30.06	33	Z	0	0	30.13	- .09	23	22	- 10	N	1	6	*	37	21	-
Yarmouth	30.07	33	Z	0	6	30.09	- .10	32	31	- 3	NW	1	03	4	35	27	0.07
The Helder	30.06	31	SSE	1	S	30.09	- .04	31	30	- 3	ENE	1	0	1	36	28	0.43
Cape Gris Nez	30.02	36	E	1	0	30.02	-	32	32	-	NE	1	0	1	37	30	-
Jersey	30.06	39	S	2	om	30.04	- .22	35	34	- 4	ENE	2	6m	2	42	35	0.06
Brest	29.99	44	SW	5	m	29.94	- .36	38	37	0	E	5	0	5	45	36	0.55
Lorient	?	44	?	0	0	29.93	- .37	39	?	0	ENE	7	n	4	48	33	0.32
Rochefort	30.20	40	S	4	0	29.94	- .36	36	36	+ 1	SSE	7	n	3	?	?	0.04
Biarritz	30.25	40	N	1	6c	29.86	- .39	37	36	+ 3	N	7	n	2	?	?	0.16
Corunna	*	*	*	*	*	30.07	- .08	30	30	- 3	Z	0	6c	*	36	29	-
Brussels	*	*	*	*	*	30.07	- .08	30	30	- 3	Z	0	6c	*	36	29	-
Charleville	30.06	30	N	3	6	30.03	- .07	22	22	- 10	SW	3	6	*	39	22	-
Paris	30.13	37	NW	1	S	30.07	- .14	35	33	- 1	S	4	0	*	*	*	-
Lyons	30.14	30	N	1	6c	30.02	- .08	26	26	- 4	N	1	m	*	36	25	0.08
Toulon	29.92	40	Z	0	n	29.90	+ .38	34	27	- 7	E	3	0	2	43	28	0.20

EXPLANATION OF COLUMNS.

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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

*Fred<sup>r</sup> Dangersfield 14th London*



# WEATHER CHARTS

for 8 a.m. on *Saturday, 6<sup>th</sup> February* 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; → = forces 8 to 10;  
 → = forces 5 to 7; → = forces 1 to 4;  
 ○ = dead calm.

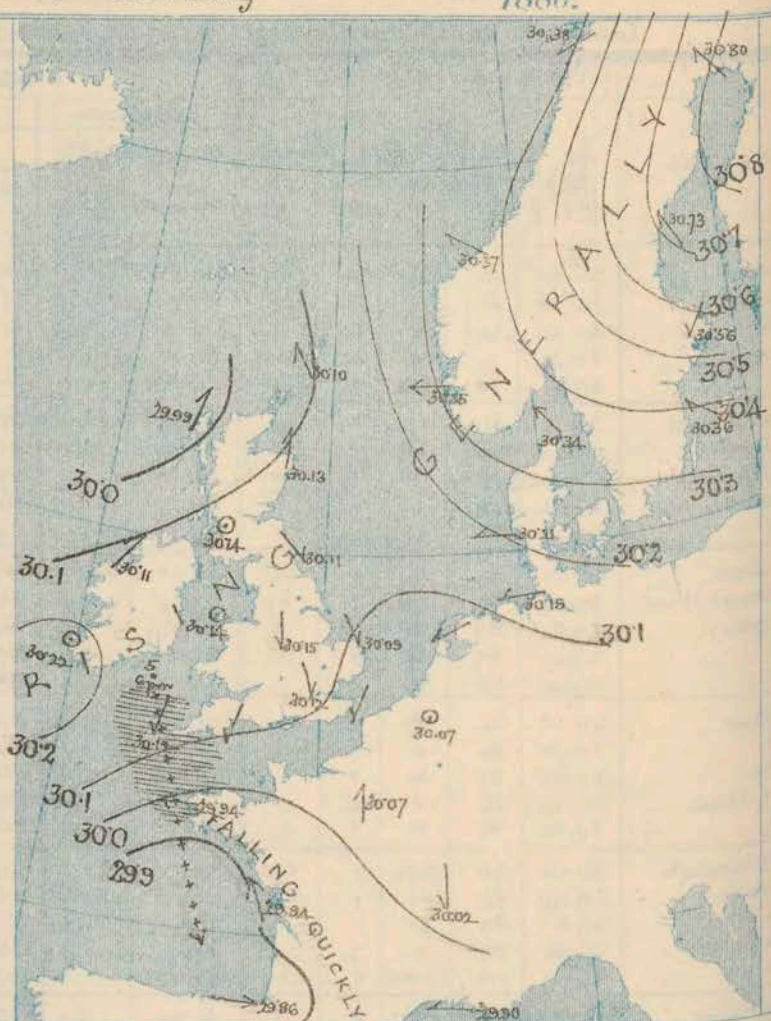
**Sea Disturbance** — where considerable, is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	<i>in.</i>
Sumburgh Head	29.781
Sornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.943
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.

**Weather** — is shown by Letters of the Beaufort Scale.

**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February.

STATIONS.	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Sornoway	43.1	34.6	39.0	37.7	3.97
Wick	43.3	33.8	38.8	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.58
Shields	43.7	35.9	38.8	37.5	1.63
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	1.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.98
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	3.12
LONDON	40.4	35.4	39.3	38.2	1.80
Oxford	45.1	35.4	38.7	37.6	2.00
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.0	34.7	38.5	37.9	2.02

*Note* — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Saturday 6<sup>th</sup> February 1886 at 8 a.m.

Since yesterday morning the changes in pressure have been very peculiar. The depression which was then approaching the Irish coast subsequently moved northwards, but in the course of the afternoon a well defined subsidiary disturbance appeared near the mouth of St. George's Channel. This has since travelled in a SSE<sup>7</sup> direction to the Bay of Biscay, and in its rear a small anticyclone has been formed over the south of Ireland. Over Scandinavia and Denmark the barometer has meanwhile continued to rise steadily, and at Haparanda the reading is now as high as 30.8 in. The wind is moderate from E. or SE in Scandinavia and Denmark, and S on our northern coasts, but in the east and south of England it is light from the N<sup>o</sup>, while in the west of France, where it circulates round the depression noticed above, moderate gales are reported. Rain is falling in the west of France, but elsewhere the weather is generally fair. Snow is however, falling at Oslo, Aberdeen, York and Yarmouth, and fog prevails over our northwestern and midland counties. During yesterday rain fell at most of the western stations, and snow or sleet in the north. Temperature has risen several degrees in the east of Scotland, and slightly on our south-west coast, but fallen in most other localities; readings now range from 44° at Killy to 23° at Cambridge. Sharp frost occurred last night in many parts of the kingdom. The sea is rough at Killy, moderate to smooth elsewhere.

The changes now in progress are so irregular that forecasting is unusually difficult. Should the anticyclone over the south of Ireland hold there will be a tendency for the formation of shallow depressions in the neighbourhood of our south eastern coasts.

## FORECASTS

for the 24 hours ending at NOON on 7<sup>th</sup> FEBRUARY 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	S <sup>7</sup> or SE <sup>7</sup> winds, moderate; fair generally.	6 SCOTLAND WEST	Light variable airs; cloudy, cold; local fogs.
2 SCOTLAND EAST	D° D° D°	7 ENGLAND N. W.	D° D° D°
3 ENGLAND N. E.	N <sup>7</sup> winds, light; fair generally, but some showers locally.	8 ENGLAND S. W.	NE <sup>7</sup> and N <sup>7</sup> winds, moderate; cloudy, some rain or sleet.
4 ENGLAND EAST	D° D° D°	9 IRELAND NORTH	SW <sup>7</sup> winds, light; fair generally.
5 MIDLAND COUNTIES	D° D° D°	10 IRELAND SOUTH	Variable breezes fair generally.
6 ENGLAND SOUTH	N <sup>7</sup> or NE <sup>7</sup> winds, light; fair at first; less settled later, perhaps snow.	WARNINGS	The south cone was hoisted yesterday in districts 0. 1. 6. 7. 9. 10 and part of 8 but the signals have been lowered this morning.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.22	33	28	E	6	0	3	Holyhead	30.07	37	35	S	3	0	2
Sumburgh Head	30.06	39	27	SE	1	bc	1	Valencia	29.89	45	44	WNW	6	omg	6
Stornoway	29.90	39	37	SEW	5	0	5	Scilly	30.05	46	42	SEW	5	0	4
Aberdeen	30.06	36	33	S	2	b	0	Dungeness	30.15	36	35	N	2	0	2
Shields	30.09	39	37	W	2	b	2	London	30.13	37	36	Z	0	offg	*
Ardrossan	30.03	36	35	E	3	0	2	Yarmouth	30.11	35	34	N	1	bcv	3
Malin Head	29.87	27	36	E	4	0	3	Jersey	30.15	40	37	SEW	2	2	2
Mullaghmore	29.85	40	39	SEW	6	orm	4	Rochefort	30.31	42	39	ENE	1	bc	2
Belmullet	29.84	43	43	N	2	0	*								

## REMARKS.

The barometer is now falling generally, but in the west of Ireland the change has become less decided and the wind has shifted to the westward. The weather remains fine on our east coasts, but is dull in the west, with rain at Mullaghmore. The sea is rough at Valencia, rather so at Stornoway, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for

Sunday 7<sup>th</sup> February

1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 116, Victoria Street, London, W. H. SCOTT, Secretary.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.53	-12	SE	2	0	30.76	-0.04	-14	-14	-4	SE	2	6	*	16	-15	-	
Hernösand	30.77	12	Z	0	0	30.75	+0.02	11	11	-7	Z	0	0	*	21	10	-	
Stockholm	30.54	20	N	2	0	30.56	0.00	20	19	+2	Z	0	5	*	27	16	0.04	
Wisby	30.37	18	NNE	4	3	30.45	+0.09	21	21	+4	ESE	4	5	*	25	14	0.04	
Bodö	30.43	23	ENE	4	6	30.24	-0.14	26	22	+3	SSE	4	6	2	27	21	-	
Christiansund	30.37	30	SE	3	6	30.25	-0.12	28	23	-1	SSE	1	6	3	32	21	-	
Skudesnaes	30.47	28	ESE	4	C	30.48	+0.13	27	24	-4	SE	7	6	5	43	?	-	
Oxö (Christiansund).	30.54	22	NNE	6	5	30.60	+0.22	19	18	-9	?	6	C	3	28	18	-	
Skagen (The Skaw)	30.50	24	E	4	0	30.56	+0.22	23	22	-3	E	3	0	1	27	21	0.04	
Fanö	30.39	27	ENE	3	C	30.50	+0.29	24	20	0	ENE	4	C	*	30	23	-	
Cuxhaven	30.28	30	E	3	6	30.44	+0.29	28	28	-2	NNE	4	6	*	30	26	-	
Sumburgh Head	30.10	38	SSE	5	C	29.96	-0.14	37	36	+1	SSE	7	N	7	39	33	0.02	
Stornoway	29.95	39	S	6	N	29.86	-0.13	42	42	+6	SSW	8	0	6	42	34	0.14	
Wick	30.06	37	S	6	0	29.96	-0.11	40	39	+3	S	7	0	6	40	35	0.12	
Nairn	30.07	37	SW	2	0	29.94	-0.12	43	40	+10	SW	3	6	1	43	29	-	
Aberdeen	30.18	36	S	4	6	30.11	-0.02	35	34	+1	S	8	0	3	38	33	0.01	
Leith	30.19	35	SW	1	C	30.21	+0.07	37	35	+7	SW	1	0	*	37	29	-	
Shields	30.26	35	Z	0	6	30.35	+0.18	32	31	+2	SSW	2	6	3	37	28	-	
Spurn Head	30.25	36	E	3	6	30.43	+0.22	33	32	0	S	3	6	2	38	30	-	
York	30.29	34	N	1	6	30.44	+0.29	30	29	0	S	1	0	*	37	28	-	
Loughborough	30.28	33	N	1	6	30.44	+0.29	26	26	-3	Z	0	0	*	37	24	-	
Aulrossan	30.17	36	SE	2	0	30.20	+0.06	38	38	+6	S	5	0	4	38	32	0.10	
Malin Head	30.03	38	S	5	N	30.09	-0.02	41	41	+3	S	4	0	4	42	37	0.34	
Mullaghmore	30.04	41	S	6	N	30.10	-0.01	48	47	+10	SW	5	0	5	48	38	0.40	
Belmullet	30.02	43	S	5	0	30.13	0.00	48	48	+9	SW	5	0	*	48	39	0.37	
Donaghadee	30.19	39	SW	2	C	30.22	+0.08	40	40	+5	SW	4	0	2	41	34	0.37	
Barrow-in-Furness	30.23	34	E	2	6	30.34	+0.20	32	31	0	SE	4	0	*	36	31	-	
Liverpool (Bidston)	30.23	33	SE	1	0	30.38	+0.24	31	30	-1	SE	3	6	2	37	31	-	
Holyhead	30.21	38	SE	1	0	30.30	+0.16	35	35	+2	SSE	5	0	4	41	34	0.11	
Parsonstown	30.18	40	SW	1	N	30.17	-0.01	43	42	+13	SE	1	0	*	43	29	0.35	
Valencia	30.15	47	SE	1	N	30.24	+0.02	50	50	+8	N	1	0	1	51	41	0.30	
Rock's Point	30.22	43	NSW	2	N	30.20	+0.03	46	46	+7	SSW	2	0	4	47	39	0.35	
Pembroke	30.24	38	SE	2	m	30.35	+0.21	35	35	0	SSE	5	0	4	40	34	0.06	
Scilly	30.21	45	NNE	4	0	30.32	+0.20	40	39	-4	SSE	5	0	6	45	39	0.19	
Prawle Point	30.26	34	N	1	6	30.39	+0.26	37	33	+1	E	3	0	2	39	31	-	
Hurst Castle	30.25	33	NNE	2	6	30.41	+0.30	30	30	0	NNE	2	m	2	42	25	-	
Dungeness	30.14	33	NNE	3	6	30.39	+0.33	34	34	+5	E	3	0	3	37	28	0.01	
London	30.23	35	NNE	3	0	30.46	+0.34	30	29	0	ESE	2	0	*	35	26	-	
Oxford	30.29	30	Z	0	6	30.45	+0.31	27	27	-2	Z	0	6	*	37	26	-	
Cambridge	30.23	32	N	1	6	30.48	+0.35	24	24	+1	N	1	6	*	39	22	-	
Yarmouth	30.23	32	ENE	4	C	30.45	+0.36	32	31	0	ESE	3	0	4	37	30	0.05	
The Helder	30.28	31	ENE	4	6	30.46	+0.37	29	28	-2	E	3	0	3	32	27	-	
Cape Gris Nez	30.08	32	ENE	5	6	30.35	+0.33	28	28	-4	NNE	4	0	3	37	27	-	
Jersey	30.23	37	NE	3	6	30.37	+0.33	34	32	-1	E	3	0	3	41	34	0.01	
Brest	30.20	41	NNE	3	m	30.34	+0.40	37	35	+1	E	1	0	5	45	34	-	
Lorient	30.20	42	NE	5	0	30.34	+0.41	36	?	-3	NE	5	0	5	46	32	-	
Rochefort	30.17	37	NNE	5	C	30.30	+0.36	32	30	-4	NNE	7	0	2	43	27	-	
Biarritz	30.01	43	NE	5	0	30.13	+0.27	35	34	-2	ENE	4	0	5	52	32	0.08	
Corunna	*	*	*	*	*	30.33	*	44	44	*	NE	0	0	4	32	?	0.08	
Brussels	*	*	*	*	*	30.41	+0.34	28	27	-2	ENE	1	0	*	35	25	0.04	
Charleville	?	32	N	4	6	30.31	+0.28	26	26	+4	NE	3	0	*	37	?	-	
Paris	30.23	29	NE	1	0	30.39	+0.32	27	26	+8	N	4	0	*	*	*	-	
Lyons	30.06	28	N	3	6	30.10	+0.08	25	24	-1	N	7	6	*	32	25	-	
Toulon	29.88	37	N	1	0	29.84	-0.06	28	28	-6	NNE	1	5	2	39	27	-	

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by H. K. G. Ltd. London



# WEATHER CHARTS

for 8 a.m. on Sunday, 7<sup>th</sup> February, 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

**Wind** — Arrows show the prevalent winds. They fly with the wind and their heads and feathers refer to force, thus —

\* — forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces 3 to 4;  
 ○ = dead calm.

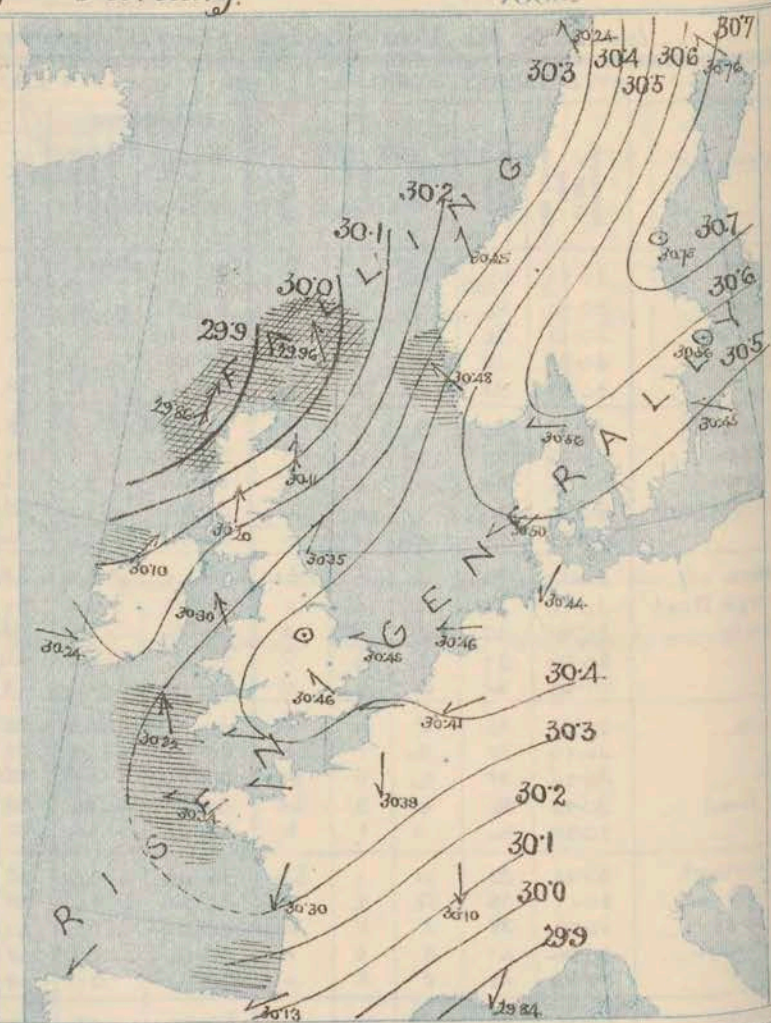
**Sea Disturbance** — where considerable is shown thus

[Hatched Box] = Rough. [Cross-hatched Box] = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
During the 10 years 1871—1880.

STATIONS.	MEAN READINGS In.
Sandburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.837
York	29.888
Ardrossan	29.827
Douglhaden	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.988
Dover	29.948
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.

**Weather** — is shown by Letters of the Beaufort Scale.

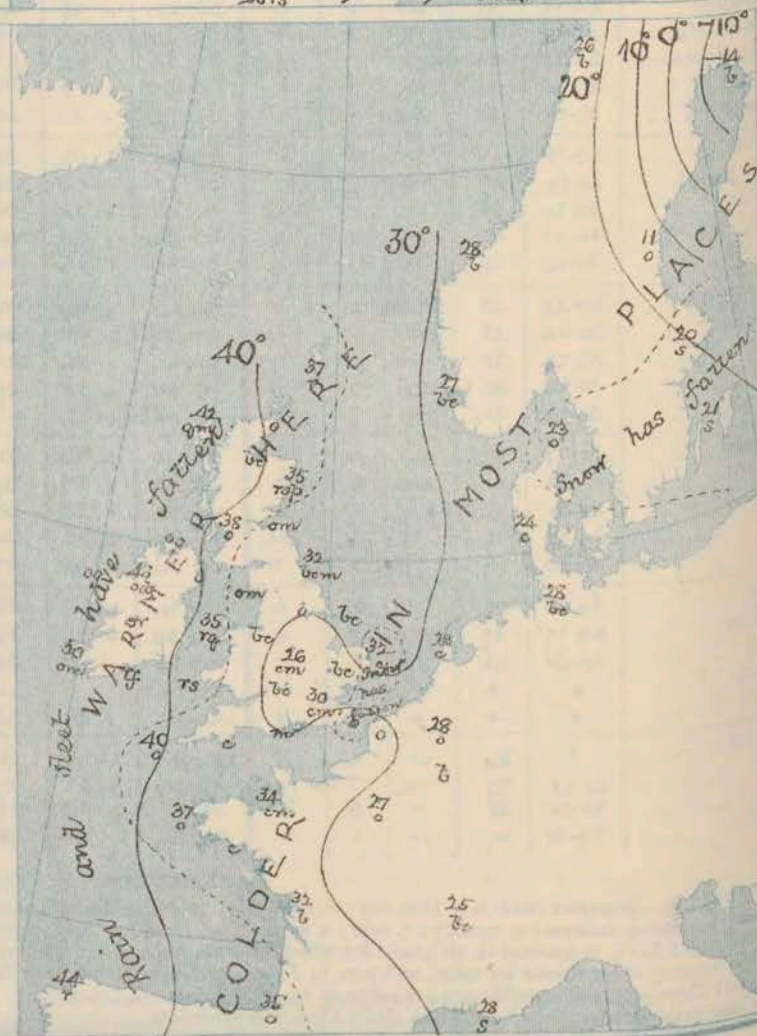
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February.

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry	Wet	
Sandburgh Head	42.5	34.5	38.4	37.0	3.29
Stornoway	43.1	34.6	39.0	37.7	3.07
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.0	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.58
Shields	43.7	35.9	38.8	37.5	1.63
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Douglashead	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	4.90
Liverpool	44.9	36.4	39.0	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.56
Pembroke	46.1	40.0	42.8	41.5	3.26
Scilly	49.5	43.9	46.7	45.1	2.98
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.66
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.0	34.7	38.5	37.9	2.02

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 30 years 1866—85.





# REMARKS.

for Sunday 7<sup>th</sup> February 1886 at 8 a.m.

Since yesterday morning the barometer has risen steadily over England and France, and although is still highest (30.7 ins and upwards) over the Gulf of Bothnia a long band of relatively high readings extends over the North Sea to the south of England. On our northern coasts, however, the barometer has fallen somewhat and a depression is now lying off the northwest of Scotland. The wind is NE<sup>ly</sup> over Denmark, the Netherlands and France and E<sup>ly</sup> or SE<sup>ly</sup> in the south of England, but elsewhere it is chiefly S<sup>ly</sup>, and in the north and east of Scotland a fresh gale is reported. Rain or sleet is falling at several of our western stations and also at Aberdeen, but elsewhere the weather is generally fair. Since yesterday rain has fallen at most of our western and also at our extreme northern stations. Temperature has risen several degrees on our western and northwestern coasts, but fallen over Central England as well as at several of the Continental stations; readings now range from 50° at Valencia to 24° at Cambridge. Sharp frost occurred over England last night. The sea is high of the north of Scotland, rough at Lelly and rather so at Malin Head, but moderate to smooth elsewhere.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that, on the 2<sup>nd</sup> inst a whole gale from south veering to W was experienced in Lat: 44° N. Long: 54° W, the barometer at 11 pm falling to a minimum of 29.0 ins.

## FORECASTS

for the 24 hours ending at NOON on 8<sup>th</sup> February 1886.

(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

1 { SCOTLAND  
EAST

2 { ENGLAND  
N.E.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

5 { ENGLAND  
SOUTH

None issued.

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

None issued.

### WARNINGS

The S. cone was hoisted last evening in districts 0.1.6. 9. and 10.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.41	33	28	ESE	1	4	c	Holyhead	30.20	40	38	SSW	1	bcm	1
Sumburgh Head	30.11	37	33	SSW	5	6c	5	Valencia	30.19	46	45	S	3	smg	3
Stornoway	29.99	40	39	S	5	og	5	Scilly	30.20	45	42	N	2	o	6
Aberdeen	30.17	37	35	S	3	c	1	Dungeness	30.10	37	36	NW	4	bc	3.
Shields	30.21	36	35	NW	1	6c	2	London	30.18	37	34	NNE	3	c	*
Ardrossan	30.16	35	34	E	1	o	2	Yarmouth	30.15	34	32	E/NE	4	cq	4
Malin Head	30.08	40	39	S	3	c	3	Jersey	30.14	40	36	NNE	3	b	3
Mullaghmore	30.11	43	40	SW	2	ofm	5	Rochefort	30.07	40	37	E	5	o	2
Belmullet	30.08	42	41	S	6	om	*								

## REMARKS.

The anticyclone which lay over the south of Ireland this morning has moved eastwards and the barometer is rising in all parts of Gr. Britain, while a new fall has commenced on our extreme western coasts. Light N<sup>W</sup> or NE<sup>W</sup> winds and fair weather continue in the south and southeast, but S<sup>W</sup> breezes and dull weather in the extreme west, with showers at Mullaghmore. The sea is rough at Scilly, and rather so in the extreme north-west and north.



for. *Monday* — 8<sup>th</sup> February 1885.  
Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.																	
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).		Weather.	Max.		Min.
Haparanda	30.37	8	S	4	0	29.85	-0.91	18	18	+32	SW	6	S	*	?	-18	0.08
Hernösand	30.40	16	S	4	0	30.18	-0.57	19	18	+8	SSW	6	C	*	?	9	-
Stockholm	30.57	24	Z	0	S	30.53	-0.03	20	19	0	hsw	2	0	*	24	18	-
Wisby	30.53	19	EHE	4	6	30.58	+0.13	24	23	+3	W	4	bc	*	24	14	-
Bodö	29.73	31	SE	6	0	29.79	-0.75	37	35	+11	SW	8	bc	5	?	23	0.04
Christiansund	29.83	39	SW	6	0	30.01	-0.24	41	39	+13	SW	8	N	5	41	23	-
Skudesnaes	30.39	30	SSE	9	8	30.45	-0.03	39	39	+12	SSE	7	N	6	?	24	0.35
Oxö (Christiansund)	30.59	21	NHE	2	0	30.56	-0.04	35	34	+16	SW	6	0	3	?	19	-
Skagen (The Skaw)	30.58	25	Z	0	0	30.62	+0.06	26	26	+3	hsw	5	0	3	24	23	-
Fanö	30.66	26	SW	2	0	30.73	+0.23	28	25	+4	S	3	C	*	28	23	-
Cuxhaven	30.55	28	EHE	2	bc	30.76	+0.32	29	29	+1	SSE	2	bc	*	29	24	-
Sumburgh Head	29.99	41	SW	5	0	30.22	+0.26	44	42	+7	SW	4	C	6	45	35	0.12
Stornoway	30.06	45	SSW	4	C	30.24	+0.38	44	43	+2	S	4	Cg	4	49	39	0.05
Wick	30.05	43	S	2	0	30.31	+0.35	43	42	+3	SW	2	0	1	44	39	-
Nairn	30.12	45	SW	2	C	30.34	+0.40	44	43	+1	SW	1	bc	1	46	43	-
Aberdeen	30.19	38	SW	4	C	30.40	+0.29	39	38	+4	SW	2	C	1	40	34	-
Leith	30.26	41	SW	1	0	30.45	+0.24	42	41	+5	hsw	1	bcw	*	44	35	-
Shields	30.37	35	S	3	m	30.54	+0.29	38	34	+6	SW	2	om	2	38	30	0.05
Spurn Head	30.49	33	SSE	3	C	30.61	+0.18	39	32	0	S	4	Cgm	3	36	31	-
York	30.47	34	SSE	1	0	30.62	+0.18	34	33	+4	S	1	0	*	35	30	-
Loughborough	30.51	33	SW	1	0	30.66	+0.22	33	32	+7	SSE	1	0	*	36	26	-
Ardrassan	30.28	41	S	4	0	30.47	+0.24	43	42	+5	S	2	bc	2	43	38	0.02
Malin Head	30.21	46	SW	3	f	30.42	+0.33	45	44	+4	SSW	3	0	3	48	41	0.07
Mullaghmore	30.28	49	SW	4	h	30.45	+0.35	48	47	0	SSW	2	0	5	52	47	0.08
Belmullet	30.30	48	hsw	4	0	30.45	+0.32	45	45	-3	S	5	om	*	50	39	0.04
Donaghadee	30.33	43	SSW	4	0	30.50	+0.28	45	45	+5	SW	2	C	0	45	39	0.04
Barrow-in-Furness	30.41	35	SE	4	0	30.57	+0.23	35	35	+3	E	3	f	*	35	32	0.13
Liverpool (Bidston)	30.44	35	SSE	2	0	30.60	+0.22	36	35	+5	SE	2	0	2	36	31	0.01
Holyhead	30.40	38	SSW	5	0	30.58	+0.28	40	40	+5	S	5	hmg	4	41	34	0.06
Parsonstown	30.35	48	Z	0	h	30.53	+0.36	48	47	+5	Z	0	0	*	48	42	0.04
Valencia	30.39	51	Z	0	0	30.54	+0.30	50	50	0	SSE	3	omd	3	53	48	0.10
Roche's Point	30.37	47	SSW	3	f	30.54	+0.34	47	47	+1	S	2	f	4	49	44	0.10
Pembroke	30.46	40	S	4	0	30.62	+0.24	43	42	+8	SSW	4	0	3	43	35	0.04
Scilly	30.34	43	S	4	0	30.61	+0.29	43	40	+3	S	4	C	6	43	38	0.03
Pwll Point	30.51	39	E	1	C	30.66	+0.24	39	36	+2	SSE	1	bc	1	41	35	-
Hurst Castle	30.53	34	E	3	C	30.70	+0.29	32	31	+2	E	2	b	2	43	28	-
Dungeness	30.51	34	EHE	2	0	30.71	+0.32	29	29	-5	SE	2	C	2	37	28	-
London	30.55	32	SE	1	0	30.71	+0.25	28	27	+2	S	2	bf	*	38	24	-
Oxford	30.59	33	SE	1	C	30.69	+0.24	31	30	+4	SSE	1	ogm	*	35	27	-
Cambridge	30.60	33	S	1	C	30.72	+0.24	28	27	+4	Z	0	0	*	34	23	-
Yarmouth	30.53	32	SE	2	C	30.71	+0.26	31	30	-1	SSE	2	bc	3	34	29	-
The Helder	30.40	29	EHE	1	C	30.76	+0.30	27	26	-2	SE	1	C	1	30	24	-
Cape Gris Nez																	
Jersey	30.49	34	EHE	3	6	30.64	+0.30	31	29	-3	EHE	2	bcw	2	34	30	-
Brest	30.49	38	HE	3	0	30.65	+0.31	32		-5	SE	4	bc	5	41	32	-
Lorient																	
Rocheport	30.47	38	HE	5	C	30.65	+0.31	28	25	-8	E	5	b	4	43	23	-
Biarritz	30.45	34	EHE	7	0	30.61	+0.31	28	24	-4	HE	7	b	2	39	23	-
Corunna	30.30	35	HE	7	bc	30.51	+0.34	28	26	-7	SE	7	b	1	48	28	-
Brussels	*	*	*	*	*	30.61	+0.18	42	38	-2	EHE	5	b	5	50	41	0.04
Charleville	*	*	*	*	*	30.75	+0.34	23	?	-5	EHE	3	b	*	36	22	-
Paris	30.44	25	HE	1	6	?	?	21	20	-5	HE	4	b	*	32	19	-
Lyons	30.49	30	H	4	6	30.71	+0.32	26	25	-1	HE	3	0	*	*	*	-
Boston	30.28	28	H	4	6	30.57	+0.47	21	20	-4	HEW	1	b	*	31	21	-
	29.96	29	E	7	0	30.33	+0.49	34	28	+6	E	4	C	4	36	28	-

EXPLANATION OF COLUMNS.

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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden.

These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred<sup>r</sup> Danyerfield Lath London



# WEATHER CHARTS

for 8 a.m. on Monday, 8<sup>th</sup> February, 1886.

8<sup>th</sup> February, 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

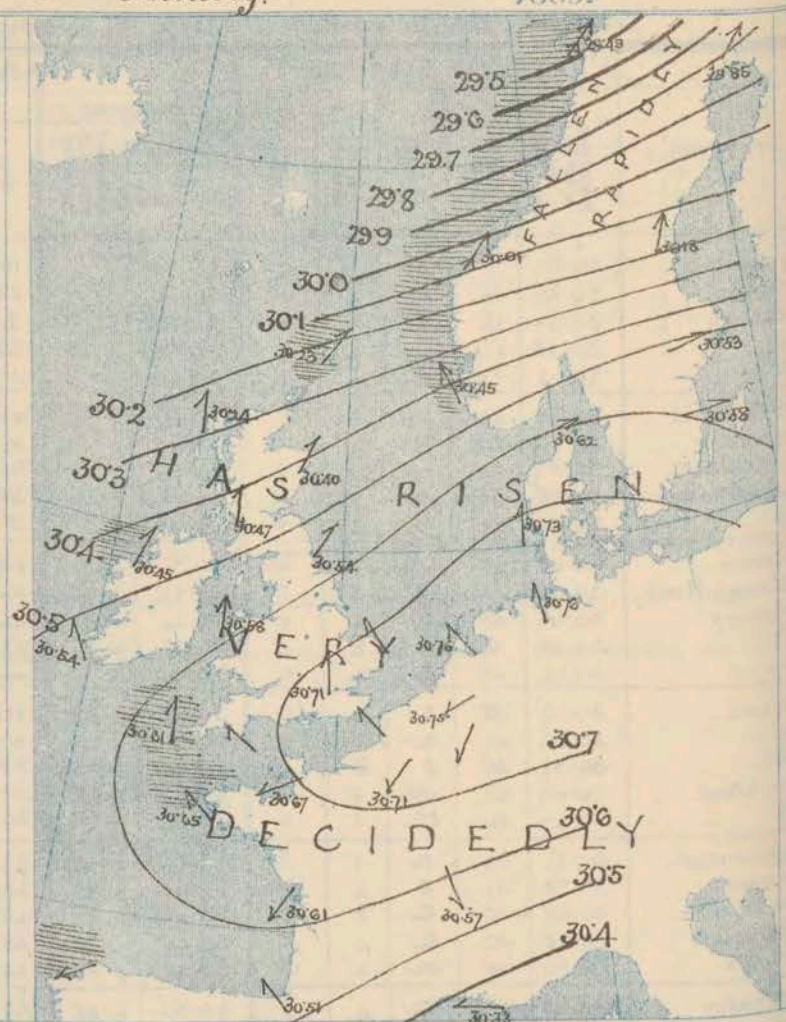
**Barometer**—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind**—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—  
 \* = force above 10; \* = forces 5 to 10;  
 \* = forces 5 to 7; \* = forces 1 to 4;  
 ☉ = dead calm.

**Sea Disturbance**—where considerable is shown thus  
 = Rough. = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.883
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

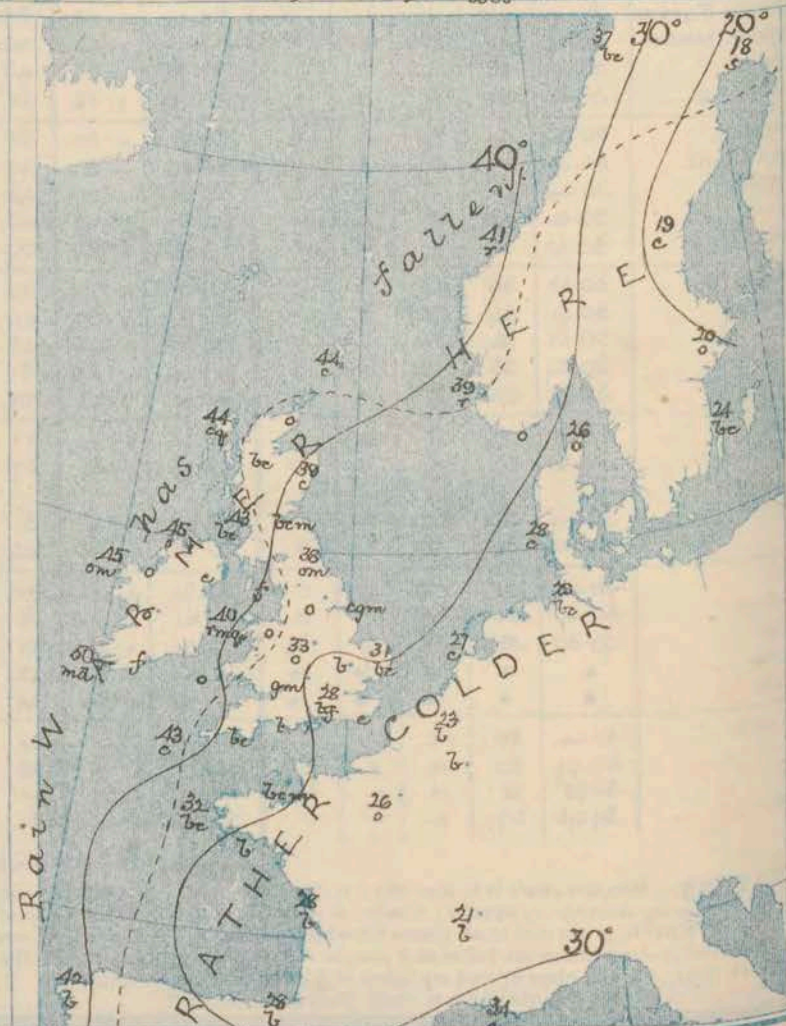
**Temperature**—Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather**—is shown by Letters of the Beaufort Scale.  
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	Dry.	Wet.	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	3.97
Wick	43.3	33.3	38.3	36.5	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.56
Shields	48.7	35.9	38.8	37.5	1.68
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	35.7	39.9	38.1	8.47
Donaghadee	45.4	37.1	40.8	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.96
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.93
Hurst Castle	45.8	37.5	40.9	40.1	2.68
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.59
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Monday 8<sup>th</sup> February 1886 at 8 a.m.

The depression which lay off our extreme northwest coasts yesterday morning has passed away to the northward, the barometer has risen in all parts of our Islands and France, and an anticyclonic band, in which readings exceed 30.7 ins now extends from Central Europe to the southeast of England. In the north of Scandinavia, however, a rapid fall of the barometer has taken place, and steep gradients for SW winds have been formed over Norway and Sweden. Moderate NE<sup>ly</sup> breezes prevail over the greater part of France, and E<sup>ly</sup> breezes at the Channel stations; but elsewhere the wind draws into S or SW, and although moderate in our Islands it blows with the force of a gale in the west of Norway. The weather is fair in most parts of Western Europe, but fog prevails at some of the English stations, and rain is falling in the west of Norway as well as at Holyhead and Valencia. A little rain fell yesterday on our western and extreme northern coasts. Temperature has fallen a little in France and the southeast of England, but risen elsewhere; readings over our Islands now range from 50° at Valencia to 28° in London and at Cambridge. Sharp frost occurred over England last night. The sea is rough at Lumburgh Head and Lundy, rather rough at Mullaghmore, moderate to smooth elsewhere.

No important change in the weather is indicated at present, but the band of high-pressure will probably move southwards, and SW winds are likely to extend to our southeast coasts.

## FORECASTS

for the 24 hours ending at NOON on 9<sup>th</sup> February. 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW <sup>ly</sup> winds, freshening; cloudy, some rain.	6 { SCOTLAND WEST	Same as N <sup>os</sup> 1. and 2.
1 { SCOTLAND EAST	SW <sup>ly</sup> winds, moderate; fair generally.	7 { ENGLAND N.W.	SE <sup>ly</sup> and S <sup>ly</sup> winds, moderate, fair generally.
2 { ENGLAND N.E.	----- D <sup>o</sup> ----- D <sup>o</sup> -----	8 { ENGLAND S.W.	----- D <sup>o</sup> ----- D <sup>o</sup> -----
3 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	S <sup>ly</sup> and SW <sup>ly</sup> winds, freshening; cloudy, rain locally.
4 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5.	10 { IRELAND SOUTH	----- D <sup>o</sup> ----- D <sup>o</sup> -----
5 { ENGLAND SOUTH	SE <sup>ly</sup> to SW <sup>ly</sup> winds, light or moderate; fair generally.	WARNINGS	None issued.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	30.44	30	27	SE	8	0	5	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rockefort	30.35	39	35	NNE	5
Belmullet							*					be	2

## SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD

FROM THE 31<sup>ST</sup> JANUARY TO THE 6<sup>TH</sup> FEBRUARY 1886.

During the past week the weather has remained in an unsettled condition; and, although some fair intervals have been experienced over the eastern and southern districts, sleet, hail or cold rain have fallen very frequently in the west and north.

At the commencement of the week the distribution of pressure was cyclonic and the type westerly. Pressure was highest in the south of France (but relatively high over Sweden) and on the 31<sup>st</sup> Jan. and 2<sup>nd</sup> Feb. a large depression skirted our northern coast in an east-southeasterly direction and passed on to the south of Norway. Very little wind was reported in the front of this disturbance but in its rear the W. and NW. winds blew with the force of a gale on many parts of our western and southern coasts.

During the 2<sup>nd</sup> the disturbance moved in an irregular manner to the northward and dispersed, and in the meanwhile a shallow depression advanced in easterly and finally in a southeasterly direction over England, occasioning rain and sleet in many places.

The rise in the barometer which took place in the rear of this system was rapid and on the 4<sup>th</sup> an anticyclone appeared over our western coasts and subsequently moved southwards to the west of France where it lay on the morning of the 5<sup>th</sup>. The changes which now took place were very singular. At 8 am on the 5<sup>th</sup> the barometer was falling briskly on our western coasts, and in the course of the ensuing 24 hours a depression moved northwards outside the Irish and Scotch coasts, while a well defined subsidiary disturbance (which was apparently formed off the south of Ireland) travelled southwards to the Bay of Biscay. These depressions occasioned little wind but a good deal of rain fell in Ireland.

By the morning of the 6<sup>th</sup> a new area of high-pressure had appeared over the south of Ireland and later in the day this moved eastwards and joined the very high anticyclone which had previously been formed over Scandinavia. At the same time a fresh fall of the barometer set in on our northwest coasts, and on the night of the 6<sup>th</sup> a southerly gale was experienced in Scotland.

On our southwest coasts temperature has not differed much from the average, but elsewhere it has remained low. On the night of the 4<sup>th</sup> or morning of the 5<sup>th</sup> a severe frost was experienced in Scotland, the thermometer falling to 19° at Leith and to 18° at Cairn.

The Subscription for these Reports, forwarded by book post is £1. per annum, payable in advance.



# DAILY WEATHER REPORT

for Tuesday 9<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 16, Victoria Street, London, W. A. H. 500 P. 1. Secretary.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.			
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda	29.97	23	SW	2	b	29.76	-.09	31	31	+13	W	6	o	*	?	7	-	
Hernösand	30.28	31	SW	4	b	30.17	-.01	34	32	+15	SW	2	o	*	34	16	-	
Stockholm	30.55	32	SW	2	o	30.49	-.04	33	32	+13	SW	4	o	*	34	18	-	
Wisby	30.65	30	W	6	bc	30.62	+.04	30	28	+6	W	6	bc	*	32	14	-	
Bodö	29.72	35	SW	6	o	29.52	+.03	41	40	+4	SW	6	n	4	?	32	0.35	
Christiansund	29.96	48	SW	9	c	29.93	-.08	49	44	+8	SW	8	bc	6	50	37	0.04	
*Skudesnaes	30.54	39	SSE	6	b	30.49	+.04	38	38	-1	SSE	8	n	5	39	?	-	
(X) Skjensund	30.65	35	SW	4	n	30.63	+.07	34	34	-1	SW	4	f	3	36	34	0.04	
Skagen (The Skaw)	30.71	30	SW	4	o	30.67	+.05	31	30	+5	SW	5	o	3	32	25	-	
Fanö	30.84	29	SW	4	c	30.77	+.04	30	29	+2	SW	3	c	*	32	28	-	
Cuxhaven	30.83	30	SE	1	b	30.83	+.07	20	20	-9	SE	1	m	*	29	18	-	
*Sumburgh Head	30.18	45	SSW	4	o	30.11	-.11	45	44	+1	SW	4	o	5	45	39	-	
*Stornoway	30.21	48	S	6	og	30.14	-.10	46	46	+2	SW	7	n	6	50	39	0.06	
Wick	30.30	46	SW	3	o	30.22	-.09	45	44	+2	S	1	c	1	48	41	-	
Nairn	30.33	47	SW	3	c	30.27	-.07	47	45	+3	SW	3	bc	2	55	43	-	
*Aberdeen	30.42	41	SW	3	bc	30.36	-.04	44	43	+5	SW	3	c	1	50	38	-	
Leith	30.49	43	SE	1	c	30.45	-.00	45	44	+3	SSW	2	m	*	50	41	-	
*Shields	30.57	40	SSW	2	m	30.55	+.01	37	37	-1	SW	2	om	2	46	34	-	
Spurn Head	30.66	35	SSE	4	c	30.66	+.05	28	28	-5	S	4	ogm	3	85	27	-	
York	30.65	37	SSE	2	o	30.64	+.02	33	33	-1	SE	1	f	*	37	32	-	
Loughborough	30.60	35	SSE	2	o	30.68	+.02	30	30	-3	SE	2	ogm	*	39	30	-	
*Ardrossan	30.50	44	S	3	o	30.47	-.00	44	44	+1	SSW	3	o	3	44	42	0.01	
Malin Head	30.43	47	S	3	cm	30.38	-.04	46	44	+1	SW	4	og	4	51	45	-	
*Mullaghmore	30.46	51	SW	2	om	30.43	-.02	47	46	-1	SW	5	o	4	54	45	-	
Belmullet	30.45	45	SW	3	og	30.42	-.03	46	45	+1	SW	6	cq	*	49	45	0.01	
Donaghadee	30.54	45	SW	1	o	30.52	+.02	44	43	-1	SW	3	c	1	48	43	0.01	
Barrow-in-Furness	30.61	37	SE	3	b	30.59	+.02	37	37	+2	SE	3	fd	*	37	34	0.19	
Liverpool (Bidston)	30.63	38	SE	2	o	30.62	+.02	36	36	0	SE	2	f	2	40	36	0.04	
*Holyhead	30.61	42	S	4	b	30.60	+.02	43	42	+3	SW	3	om	3	44	39	0.03	
Parsonstown	30.56	50	S	1	n	30.56	+.03	44	42	-4	Z	0	cq	*	54	43	-	
*Valencia	30.55	49	S	5	nm	30.53	-.01	48	47	-2	SSE	5	nm	5	52	47	0.30	
Roche's Point	30.59	46	SSW	3	c	30.58	+.04	45	43	-2	SW	4	o	4	49	44	0.01	
Pembroke	30.65	43	SSW	3	c	30.63	+.01	41	41	-2	SSE	2	om	2	44	41	0.01	
*Scilly	30.63	43	SSE	2	o	30.61	-.00	42	38	-1	SSE	5	o	6	48	46	-	
Prawle Point	30.69	40	NNE	1	o	30.67	+.01	36	34	-3	EHE	2	o	2	42	34	-	
Hurst Castle	30.71	33	ESE	3	c	30.70	-.00	30	30	-2	NE	3	om	2	44	27	-	
Dungeness	30.71	31	E	3	c	30.70	-.01	29	29	0	SE	1	b	1	32	28	-	
London	30.73	30	ESE	1	bm	30.72	+.01	24	23	-4	Z	0	f	*	36	22	-	
Oxford	30.72	34	SW	2	o	30.72	+.03	27	26	-4	SE	1	bf	*	36	26	-	
Cambridge	30.73	30	SSE	1	b	30.73	+.01	23	23	-5	Z	0	b	*	38	20	-	
*Yarmouth	30.75	31	SSE	2	bc	30.71	-.00	31	30	0	S	1	bc	2	32	28	-	
The Helder	30.81	27	SE	1	b	30.75	-.01	21	21	-6	SE	?	f	1	28	19	-	
Cape Gris Nez																		
Jersey	30.66	35	EHE	3	bcm	30.66	-.01	29	28	-2	SE	2	om	2	36	28	-	
Brest	30.66	35	EHE	4	m	30.63	-.02	31	31	-1	SE	3	o	5	41	30	-	
Lorient	30.65	36	NE	4	b	30.63	-.02	28	28	0	EHE	5	o	4	39	23	-	
Rochefort	30.61	36	NE	7	c	30.60	-.01	28	27	0	NE	7	b	2	39	23	-	
Biarritz	30.56	37	NW	3	o	30.50	-.01	29	27	+1	E	4	m	2	43	28	-	
Corunna	*	*	*	*	*													
Brussels	*	*	*	*	*	30.73	-.02	20	20	-3	E	1	f	*	29	19	-	
Charleville	30.68	26	N	4	b	30.67	?	19	18	-2	N	1	b	*	32	18	-	
Paris	30.66	30	NE	3	c	30.70	-.01	24	23	-2	E	3	b	*	*	*	-	
Lyons	30.63	27	N	1	b	30.61	+.04	21	20	0	N	1	b	*	31	21	-	
Toulon	30.36	41	E	5	o	30.26	-.07	48	43	+14	E	5	c	4	48	?	-	

## EXPLANATION OF COLUMNS.

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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

† These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by D. B. D. Ltd. London



# WEATHER CHARTS

For 8 a.m. on *Tuesday, 9<sup>th</sup> February.*

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer**—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind**—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—  
 \* → force above 10; — force 8 to 10;  
 — force 5 to 7; — force 1 to 4;  
 ○ = dead calm.

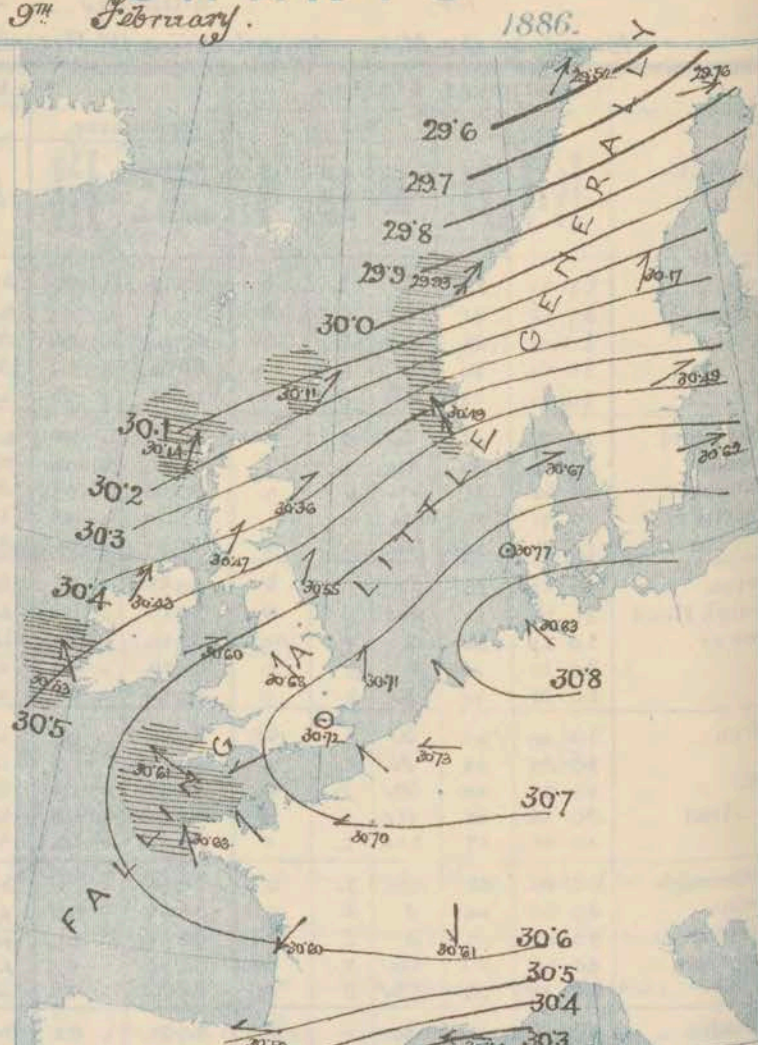
**Sea Disturbance**—where considerable, is shown thus

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS. in.
Sumburgh Head	29.781
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.885
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.866
Liverpool	29.882
Valencia	29.870
Rocha's Point	29.887
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.986
Dover	29.946
LONDON	29.941
Oxford	29.984
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M. with RAINFALL in PAST 24 HOURS.

**Temperature**—Isotherms are drawn for each 10° Changes since previous morning are stated in words.

**Weather**—is shown by Letters of the Beaufort Scale.

**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL (inches)
	Daily Max	Daily Min.	Avg. in Deg.	Avg. in Wet	
Sumburgh Head	42.5	34.5	38.4	37.5	3.29
Stornoway	43.1	34.6	39.0	37.7	3.02
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.55
Shields	43.7	35.9	38.8	37.5	1.65
York	44.3	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.96
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.22
Rocha's Point	48.4	40.0	43.6	42.1	4.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	48.9	46.7	45.1	2.91
Hurst Castle	45.8	37.5	40.0	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.8	38.2	1.52
Oxford	45.1	35.4	38.7	37.6	2.03
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

Note—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1868—85.





# REMARKS.

for Tuesday 9<sup>th</sup> February 1886 at 8 a.m.

A long band of very high pressure still extends from Central Europe to the south-east of England, but the barometer is falling a little in most places, the change being most decided on our extreme northern coasts. The barometer at Alesund is now 1.3 ins. higher than that at Bodø, and steep gradients for SW winds are still reported over Scandinavia. The wind is E. in France and the south-east of England, but elsewhere it varies between S. and SW., and although moderate in force generally it blows a moderate gale in the Hebrides, and a fresh gale in the west of Norway. The weather is dull in the west and extreme north, with rain at Stromway and Valencia, but elsewhere it is generally fair. A good deal of fog is, however, reported over England. Rain fell yesterday at several of our western stations. Temperature has risen a little in the north, but fallen elsewhere, and readings now range from 48° at Valencia and 47° at Kain and Mullaghmore to 23° at Cambridge. Sharp frost occurred over England last night, the lowest minima being 20° at Cambridge and 22° in London. The sea is rough at Stromway and Killy, rather rough at Lumburgh Head and Valencia, moderate to smooth elsewhere.

There is at present no sign of any decided change in the weather, but some increase of wind is possible on our north and north-west coasts.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 5<sup>th</sup> Inst a fresh gale from S rising to W. was experienced in Lat 44° N. Long 53° W. the barometer at Cam falling to a minimum of 29.3 ins.

# FORECASTS

for the 24 hours ending at NOON on 10<sup>th</sup> February 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW <sup>2</sup> winds, strong; squally, some rain.	6 { SCOTLAND WEST	S <sup>2</sup> winds, freshening; cloudy, some rain.
1 { SCOTLAND EAST	SW <sup>2</sup> winds, moderate; fair generally.	7 { ENGLAND N.W.	SE <sup>1</sup> and S <sup>2</sup> winds, freshening; dull, slight rain locally.
2 { ENGLAND N.E.	-----D°-----D°-----D°-----	8 { ENGLAND S.W.	-----D°-----D°-----D°-----
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	S <sup>2</sup> winds, strong; unsettled some rain
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	SE <sup>2</sup> winds, light; fair, cold, local fogs.	WARNINGS	
		NONE ISSUED.	



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.30	39	38	SSE	6	1 f	5	Holyhead	30.60	42	42	S	5	sm	4
Sumburgh Head	30.21	44	43	SW	4	0	5	Valencia	30.55	52	51	S	5	ogm	5
Stornoway	30.21	47	47	SW	7	sm	6	Scilly	30.64	46	42	S	3	c	5
Aberdeen	30.38	45	43	S	2	b	1	Dungeness	30.70	31	31	E	3	c	2
Shields	30.54	46	43	SSW	2	sm	2	London	30.67	33	32	E	2	bc	*
Ardrossan	30.49	44	44	S	2	0	2	Yarmouth	30.72	32	31	SSE	2	b	3
Malin Head	30.43	60	49	SSW	3	0	3	Jersey	30.66	35	33	ESE	3	b	3
Mullaghmore	30.46	52	51	SSW	5	0	5	Rochefort	30.61	37	35	NE	5	b	2
Belmullet	30.46	49	49	SW	3	0	*								

## REMARKS.

The barometer is now falling a little in Scotland as well as in the SE. of England and the S<sup>W</sup> winds have freshened somewhat on our extreme west and north-west coasts. The weather remains fine in the south and southeast of England and also at Aberdeen, but is dull elsewhere. The sea is rough at Stornoway and rather rough on our extreme S<sup>W</sup>, W, and N. coasts generally.



# DAILY WEATHER REPORT

for Wednesday 10<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.	Force, (0 to 12).	Weather.	Sea, (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force, (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.					Max.	Min.			
Haparanda	29.78	31	SW	2	b	29.64	-.12	33	32	+.2	W	6	c	*	37	30	—		
Hernösand	30.08	37	SSW	2	b	29.97	-.20	41	38	+.7	W	2	c	*	43	28	—		
Stockholm	30.46	31	SW	4	o	30.33	-.16	30	30	—	WSW	4	o	*	34	30	—		
Wisby	30.56	30	SW	6	o	30.40	-.22	28	26	-.2	W	4	b	*	32	19	—		
Bodö	29.65	40	WSW	6	o	29.45	-.07	37	36	-.4	WSW	2	r	6	41	36	0.35		
Christiansund	29.90	46	SW	6	r	30.01	+.08	41	39	-.8	SW	8	r	6	?	37	0.12		
Skudesnaes	30.37	38	S	6	f	30.27	-.22	40	40	+.2	SSW	4	r	5	?	37	—		
Oxö (Xtiansund)	30.30	35	SW	4	o	30.28	-.25	36	36	+.2	SW	4	f	2	?	34	—		
Skagen (The Skaw)	30.32	32	WSW	3	o	30.42	-.23	33	32	+.2	WSW	3	o	1	?	30	—		
Fanö	30.62	23	S	1	b	30.49	-.23	26	26	-.4	S	2	m	*	30	?	—		
Cuxhaven	30.72	28	SE	1	m	30.63	-.20	27	27	+.7	ESE	1	m	*	29	?	—		
Sumburgh Head	30.03	46	SW	5	o	30.17	+.06	43	42	-.2	SW	4	o	5	46	35	0.01		
Stornoway	30.08	48	SSW	7	ry	30.24	+.10	39	38	-.7	SSW	3	p	2	49	36	0.45		
Wick	30.15	46	SW	4	o	30.26	+.04	42	40	-.3	SW	2	c	1	47	40	—		
Nairn	30.19	48	SSW	4	c	30.28	+.01	43	42	-.4	SW	1	c	1	50	41	—		
Aberdeen	30.28	49	S	4	o	30.31	-.05	41	40	-.3	Z	0	rm	1	47	40	0.03		
Leith	30.39	46	W	4	c	30.32	-.13	45	44	-.0	W	1	omd	*	48	43	—		
Shields	30.50	40	SW	2	m	30.37	-.18	41	40	+.4	SW	2	om	2	46	35	—		
Spurn Head	30.58	32	SSW	3	f	30.42	-.24	32	31	+.4	SW	1	om	3	34	27	—		
York	30.57	38	S	1	m	30.46	-.18	36	35	+.3	S	1	f	*	38	23	—		
Loughborough	30.63	31	WSW	1	o	30.51	-.17	29	29	-.1	SW	1	of	*	35	29	—		
Ardrrossan	30.42	43	SSW	4	om	30.36	-.11	43	43	-.1	SSW	3	of	2	44	42	—		
Malin Head	30.33	46	SSW	3	o	30.39	+.01	43	43	-.3	W	2	o	3	49	42	0.30		
Mullaghmore	30.39	48	SW	5	o	30.28	-.05	43	43	-.4	WSW	2	om	3	46	40	0.10		
Belmullet	30.28	47	S	6	o	30.41	-.01	40	40	-.6	SW	1	of	*	43	40	0.21		
Donaghadee	30.48	44	S	2	c	30.38	-.14	43	43	-.1	S	1	rr	0	47	42	0.02		
Barrow-in-Furness	30.54	39	SE	3	o	30.44	-.15	38	38	+.1	S	3	o	*	39	36	0.03		
Liverpool (Bidston)	30.57	40	SW	2	o	30.47	-.15	37	36	+.1	SSW	1	m	1	42	36	—		
Holyhead	30.56	42	SSW	4	om	30.47	-.13	42	42	-.1	SW	4	om	3	44	41	—		
Parsonstown	30.52	44	SSW	2	d	30.42	-.14	45	44	+.1	Z	0	d	*	47	43	—		
Valencia	30.49	48	S	4	eg	30.44	-.09	49	48	+.1	SW	4	om	4	50	47	0.04		
Roche's Point	30.35	44	SSW	4	r	30.46	-.12	46	45	+.1	SW	3	o	4	48	42	0.08		
Pembroke	30.60	44	S	2	c	30.50	-.13	38	37	-.3	NE	1	c	0	46	37	—		
Scilly	30.58	40	SE	2	o	30.52	-.09	41	37	-.1	WSW	2	c	5	44	36	—		
Prawle Point	30.63	36	E	2	o	30.53	-.14	31	30	-.5	NNW	1	b	1	38	29	—		
Hurst Castle	30.64	33	NE	2	m	30.51	-.19	27	26	-.3	ENE	2	m	1	37	23	—		
Dungeness	30.61	35	E	3	b	30.46	-.24	25	25	-.4	NNE	3	m	2	36	24	—		
London	30.64	30	Z	0	f	30.51	-.21	25	24	+.1	Z	0	f	*	35	22	—		
Oxford	30.65	31	SW	1	b	30.54	-.18	27	27	0	Z	0	f	*	38	23	—		
Cambridge	30.64	30	S	1	b	30.52	-.21	24	23	+.1	Z	0	f	*	39	19	—		
Yarmouth	30.63	32	S	1	b	30.48	-.23	25	25	-.6	WNW	2	f	2	34	24	—		
The Helder	30.64	30	ENE	1	b	30.47	-.28	28	28	+.7	NE	1	f	1	32	21	—		
Cape Gris Nez																			
Jersey	30.60	34	ENE	2	b	30.50	-.16	36	35	+.7	NNE	2	om	2	36	29	—		
Brest	30.58	33	NE	1	b	30.52	-.11	32	31	+.1	NE	3	b	3	37	28	—		
Lorient	30.58	36	NE	4	b	30.49	-.14	34	32	+.6	NE	4	b	3	39	23	—		
Rochefort	30.50	38	NE	5	b	30.43	-.17	31	29	+.3	NNE	5	b	2	43	25	—		
Biarritz	30.47	41	NW	4	b	30.36	-.14	45	41	+.6	NW	4	b	2	45	?	—		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*	30.41	-.32	25	25	+.5	NE	1	b	*	31	?	—		
Charleville	30.62	36	NNE	1	b	30.35	-.32	24	24	+.5	NE	1	c	*	48	?	—		
Paris	30.54	33	NNE	3	b	30.43	-.27	28	26	+.4	N	3	b	*	*	*	—		
Lyons	30.48	30	N	1	b	30.36	-.25	26	25	+.5	NE	1	o	*	34	?	—		
Boulogne																			

## EXPLANATION OF COLUMNS.

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.  
 † The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 \* These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY 10<sup>TH</sup> FEBRUARY 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

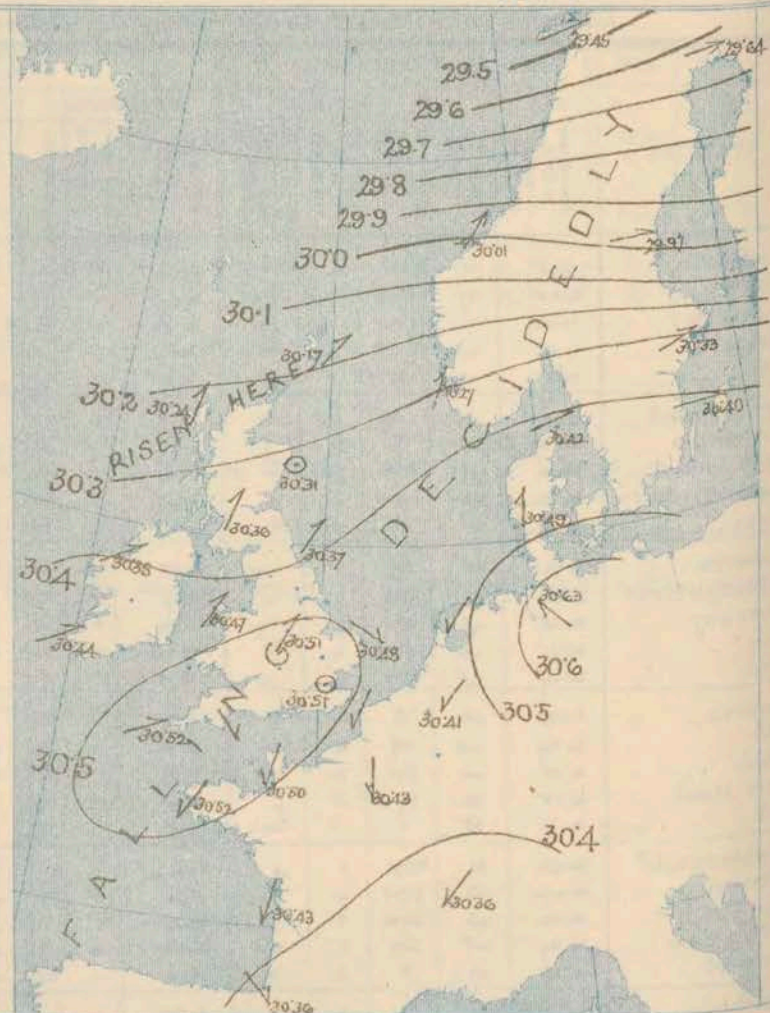
**Barometer** — Isotherms are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their heads and feathers refer to force, thus —  
 — = forces above 10; — = forces 8 to 10;  
 — = forces 5 to 7; — = forces 1 to 4;  
 ⊙ = dead calm.

**Sea Disturbance** — where considerable, is shown thus  
 — = Rough. — = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.807
Pembroke	29.887
Selly	29.925
Harst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920





# REMARKS.

for Wednesday 10<sup>th</sup> February 1886 at 8 a.m.

In the course of the past twentyfour hours the barometer has continued to fall at all but our extreme northern stations; and, while the highest pressures are still reported over Central Europe a portion of the anticyclonic band recently noticed has become detached, and now lies over our southern and southwestern coasts. Steep gradients for SW<sup>ly</sup> and W<sup>ly</sup> winds are still prevalent over Scandinavia. The wind is NE<sup>ly</sup> at our southern and the French stations but SW<sup>ly</sup> elsewhere, in force it is light or moderate generally but at Christiansund a fresh SW<sup>ly</sup> gale is blowing. The weather is fine in France but foggy or misty over the greater part of England, and rainy at several of the Irish and Scotch stations. Temperature has fallen a little in Scotland and also in the extreme south of England, but risen elsewhere, readings now range from 49° at Valencia to 24° at Cambridge. Sharp frost was again experienced last night over the southeastern part of England; at Hurst Castle and Alford the thermometer fell to 23°, in London to 22° and at Cambridge to 19°. The sea is rather rough at Lumburgh Head and Sicily, moderate to smooth elsewhere.

A gradual change in the distribution of pressure seems to have commenced, but the weather over our Islands is not likely to be materially affected at present.

## FORECASTS

for the 24 hours ending at NOON on 11<sup>th</sup> February 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SW <sup>ly</sup> winds, moderate to strong; cloudy, unsettled, some rain.	6 SCOTLAND WEST	Same as Nos. 1. and 2.
7 SCOTLAND EAST	SW <sup>ly</sup> winds, light or moderate; dull, some rain or sleet.	7 ENGLAND N.W.	Same as Nos. 1. and 2.
2 ENGLAND N.E.	----- D° ----- D° -----	8 ENGLAND S.W.	Variable breezes, fair generally, but local fogs.
3 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	SW <sup>ly</sup> winds, light to fresh; cloudy, some rain.
4 MIDLAND COUNTIES	Same as No. 5.	10 IRELAND SOUTH	----- D° ----- D° -----
5 ENGLAND SOUTH	Light and somewhat variable breezes; foggy and cold at first, then dull unsettled and rather milder.	WARNINGS	None issued.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	30.44	39	38	SSE	8	rf	Holyhead	30.58	43	43	SSW	4	om	3
Sumburgh Head	30.08	46	45	SW	5	0	Valencia	30.50	49	48	SSE	5	og	5
Stornoway	30.09	47	46	SSW	7	rg	Scilly	30.58	41	37	SE	2	0	5
Aberdeen	30.30	45	43	S	4	c	Dungeness	30.65	36	34	ENE	2	b	2
Shields	30.51	45	43	SW	2	m	London	30.66	34	34	SE	1	f	*
Ardrossan	30.44	43	43	SSW	4	0	Yarmouth	30.65	34	32	SSE	2	b	2
Malin Head	30.35	46	45	SSW	3	c	Jersey	30.62	34	32	ENE	2	b	2
Mullaghmore	30.41	49	47	SW	5	0	Rocheport	30.55	41	37	NE	5	b	0
Behmullet	30.39	47	46	SSW	4	0								

## REMARKS.

The barometer continues to fall slowly at all stations excepting Sumburgh Hd, where a slight rise is reported. The winds and weather are unchanged. The sky is still clear on the SE. coasts of England, but cloudy elsewhere, with thick fog in London. The sea is rough or rather so on our southwestern and extreme northern coasts.



# DAILY WEATHER REPORT

for

Thursday 11<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda	29.77	33	SW	4	b	29.87	+ 2.3	33	31	0	hsw	4	c	*	39	28	-	
Hernösand	30.15	38	W	2	b	30.11	+ 1.4	21	20	- 20	?	?	f	*	46	?	-	
Stockholm	30.26	38	SW	2	o	30.24	- 0.9	33	32	+ 3	hsw	2	o	*	34	28	-	
Wisby	30.35	30	W	4	b	30.32	- 0.8	28	27	0	hsw	4	o	*	34	27	-	
Bodo	29.80	34	hsw	8	o	29.86	+ 1.1	40	39	+ 3	sw	8	n	5	?	30	0.08	
Christiansund	30.07	42	SW	4	bc	29.95	- 0.6	40	37	- 1	sw	2	b	6	43	36	-	
Skudesnaes	30.28	38	Z	0	o	30.20	- 0.7	39	39	- 1	ESE	2	f	4	?	37	-	
Oxö (Åtlandsund).	30.31	35	SW	2	o	30.22	- 1.6	35	34	- 1	SW	4	f	2	36	34	0.08	
Skagen (The Skaw)	30.85	31	SW	3	o	30.26	- 1.6	28	27	- 5	SW	3	o	0	34	27	-	
Faro	30.36	24	E	2	f	30.23	- 2.6	26	26	0	E	2	f	*	28	18	-	
Cuxhaven	30.42	24	ESE	2	f	30.26	- 3.7	31	31	+ 4	ESE	1	b	*	31	?	-	
Sumburgh Head	30.14	43	SW	3	b	29.94	- 2.3	42	40	- 1	SSW	4	c	4	45	40	-	
Stornoway	30.18	42	S	3	b	29.89	- 3.5	43	43	+ 4	SW	5	cq	5	47	37	0.02	
Wick	30.21	42	SW	2	bc	29.97	- 2.9	38	36	- 4	S	2	b	1	46	36	-	
Nairn	30.24	46	SW	1	b	30.01	- 2.7	40	37	- 3	SW	1	b	1	51	37	-	
Aberdeen	30.27	41	Z	0	b	30.09	- 2.2	32	31	- 9	SW	1	b	1	49	29	0.03	
Leith	30.30	45	W	1	m	30.13	- 1.9	32	32	- 13	W	1	f	*	46	30	-	
Shields	30.31	40	NW	2	om	30.15	- 2.2	39	39	- 2	SW	1	f	2	46	37	-	
Spurn Head	30.33	36	W	1	f	30.18	- 2.4	37	37	+ 5	SW	1	f	2	37	31	0.01	
York	30.34	41	S	1	o	30.15	- 3.1	36	36	0	S	1	f	*	45	34	-	
Loughborough	30.39	37	NW	1	o	30.23	- 2.8	35	35	+ 6	SSE	1	ogf	*	39	29	-	
Ardrossan	30.32	42	Z	0	b	30.13	- 2.3	37	37	- 6	ESE	1	ogf	1	46	36	-	
Malin Head	30.32	42	SW	2	bm	30.04	- 3.5	38	37	- 5	S	4	bm	4	48	36	-	
Mullaghmore	30.34	43	hsw	1	b	30.09	- 2.9	37	36	- 6	SW	3	b	4	47	34	-	
Belmullet	30.36	44	SW	1	b	30.06	- 3.5	42	42	+ 2	S	4	c	*	48	40	0.06	
Donaghadee	30.34	37	N	2	b	30.14	- 2.4	38	38	- 5	hsw	1	c	0	47	31	0.04	
Barrow-in-Furness	30.34	40	S	3	f	30.19	- 2.5	39	39	+ 1	ESE	2	fa	*	40	38	0.12	
Liverpool (Bidston)	30.36	42	W	1	f	30.17	- 3.0	39	39	+ 2	SE	2	f	2	46	37	0.02	
Holyhead	30.36	42	SW	4	om	30.17	- 3.0	43	43	+ 1	S	3	f	2	44	41	0.18	
Parsonstown	30.37	46	Z	0	o	30.16	- 2.6	37	36	- 8	Z	0	c	*	48	35	0.02	
Valencia	30.37	46	NW	2	bc	30.15	- 2.9	42	41	- 7	SE	3	bc	3	51	38	0.09	
Roche's Point	30.37	45	hsw	4	n	30.13	- 3.3	43	41	- 3	NW	3	b	3	49	42	0.01	
Pembroke	30.37	45	Z	0	f	30.17	- 3.3	44	44	+ 16	E	1	f	0	45	37	0.25	
Scilly	30.42	47	NW	4	o	30.22	- 2.9	47	47	+ 6	hsw	4	om	4	47	39	0.02	
Prawle Point	30.43	40	N	1	c	30.24	- 2.9	42	42	+ 11	E	1	fa	1	49	30	0.05	
Hurst Castle	30.46	33	NNE	3	m	30.25	- 2.6	37	36	+ 10	SW	2	om	1	40	25	0.01	
Dungeness	30.35	31	NNE	3	m	30.23	- 2.3	31	31	+ 6	NNE	3	o	1	39	25	-	
London	30.40	29	Z	0	f	30.23	- 2.8	33	33	+ 8	Z	0	f	*	34	25	-	
Oxford	30.40	32	SW	1	o	30.24	- 3.0	35	34	+ 8	Z	0	ogf	*	35	27	-	
Cambridge	30.40	31	Z	0	f	30.22	- 3.0	35	34	+ 11	Z	0	f	*	35	22	-	
Yarmouth	30.37	31	Z	0	f	30.22	- 2.6	33	32	+ 8	NW	1	f	2	33	25	-	
The Helder	30.32	31	NE	1	b	30.21	- 2.6	28	28	0	ESE	1	f	1	36	28	-	
Cape Gris Nez.	30.39	39	NW	2	bm	30.24	- 2.6	39	39	+ 3	NNE	2	fa	2	42	36	0.02	
Jersey	30.46	40	NE	1	o	30.28	- 2.4	46	44	+ 14	N	3	o	4	?	28	-	
Brest	30.42	42	N	5	b	30.29	- 2.0	39	36	+ 5	NE	3	o	3	43	28	-	
Lorient	30.38	41	NNE	5	b	30.30	- 1.3	32	32	+ 1	NNE	4	f	2	45	25	-	
Biarritz	30.36	44	NW	5	o	30.26	- 1.0	46	42	+ 1	NW	5	o	2	46	41	-	
Cornwall	*	*	*	*	*	30.45	- 0.8	39	37	+ 3	NE	1	b	4	52	34	-	
Brussels	*	*	*	*	*	30.20	- 2.1	28	28	+ 3	NNE	1	f	*	35	23	-	
Charleville	30.27	31	NW	1	b	?	?	19	19	- 5	?	?	?	*	24	19	-	
Paris	30.25	38	NW	3	b	30.24	- 1.9	31	30	+ 3	NW	3	bc	*	*	*	-	
Lyons	30.30	30	E	1	o	30.21	- 1.5	29	28	+ 3	NNE	3	m	*	34	?	-	
Toulon	30.12	43	NW	4	c	30.02	- 3.0	42	37	- 5	E	1	m	3	54	37	-	

## EXPLANATION OF COLUMNS.

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.  
† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by the Meteorological Office, London.



# WEATHER CHARTS

For 8 a.m. on Thursday, 11<sup>th</sup> February, 1886.

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map.)

**Barometer**—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

**Wind**—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—

→ = force above 10; → = forces 8 to 10;  
→ = forces 5 to 7; → = forces 1 to 4;  
○ = dead calm.

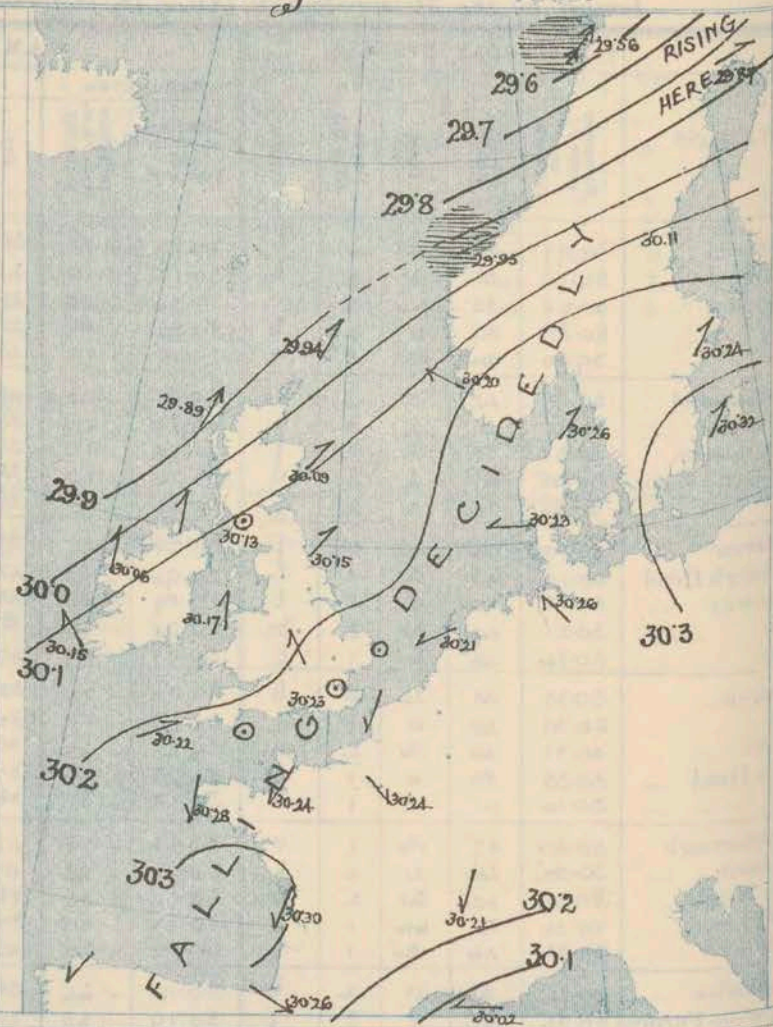
**Sea Disturbance**—where considerable, is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS (in.)
Sumburgh Head.	29.731
Stornoway.	29.720
Wick.	29.756
Nairn.	29.773
Aberdeen.	29.793
Leith.	29.821
Shields.	29.857
York.	29.883
Ardrossan.	29.827
Donaghadee.	29.829
Holyhead.	29.855
Liverpool.	29.881
Valencia.	29.870
Roche's Point.	29.967
Pembroke.	29.887
Scilly.	29.925
Hurst Castle.	29.988
Dover.	29.946
LONDON.	29.941
Oxford.	29.934
Cambridge.	29.930
Yarmouth.	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature**—Isotherms are drawn for each 1° change since previous morning are stated in words.

**Weather**—is shown by Letters of the Beaufort Scale.

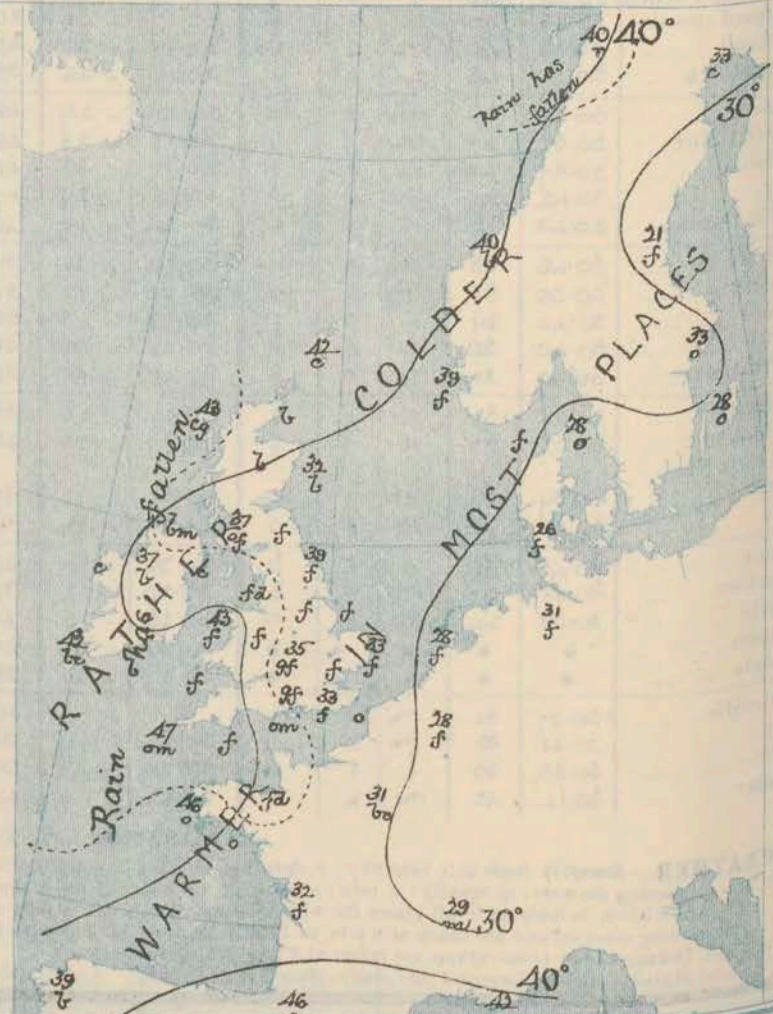
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	Average Dry.	Average Wet.	
Sumburgh Head.	42.5	34.5	38.4	37.0	3.29
Stornoway.	43.1	34.6	39.0	37.7	3.07
Wick.	43.3	33.3	38.3	36.8	2.62
Nairn.	43.0	33.0	37.2	35.4	1.81
Aberdeen.	42.8	34.2	37.5	35.9	2.51
Leith.	46.5	34.4	38.9	37.8	1.53
Shields.	43.7	35.9	39.8	37.5	1.63
York.	44.9	33.6	37.7	36.7	1.88
Ardrossan.	45.2	36.7	39.9	38.1	3.47
Donaghadee.	45.4	37.1	40.6	39.6	2.71
Holyhead.	46.1	36.2	42.0	40.5	2.90
Liverpool.	44.9	36.4	39.6	38.0	1.85
Valencia.	50.1	41.0	45.2	43.4	5.29
Roche's Point.	48.4	40.0	43.8	42.1	4.96
Pembroke.	46.1	40.9	42.8	41.5	3.20
Scilly.	49.5	43.9	46.7	45.1	2.93
Hurst Castle.	45.8	37.5	40.9	40.1	2.63
Dover.	45.0	36.8	39.7	38.5	2.12
LONDON.	46.4	35.4	39.8	38.2	1.80
Oxford.	45.1	35.4	38.7	37.6	2.06
Cambridge.	46.0	33.7	37.9	36.8	1.60
Yarmouth.	42.9	34.7	38.5	37.9	2.02

Note—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Thursday 11<sup>th</sup> FEB<sup>RY</sup> 1886 at 8 a.m.

The barometer is now falling in all parts of Western Europe, the change being greatest on the Irish and Scotch coasts. The anticyclone which lay over the south and south-west of England yesterday has entirely broken up and there are some indications of the advance of a depression towards our north-west coasts. The wind is NE<sup>3</sup> at some of the Channel stations as well as in the west of France, but over Central England calms or variable airs are reported, while in Scotland and the north of Ireland moderate S or SW breezes are general. The weather is fine at most of the Irish and Scotch stations, but fog prevails over the whole of England, as well as in Denmark, the Netherlands, and the north of France. Rain fell yesterday in the west of our Islands, but the amounts reported were mostly slight. Temperature has fallen a little in the west and north, but risen several degrees over the eastern, central, and southern parts of England; readings now range from 47° at Scilly to 32° at Aberdeen and Leith and 31° at Dungeness. Slight frost occurred over England during the earlier part of the night. The sea is moderate to smooth.

The fall of the barometer in the west and north will probably occasion an increase of the S<sup>3</sup> and SW<sup>3</sup> winds over Ireland and Scotland.

## FORECASTS

for the 24 hours ending at NOON on 12<sup>th</sup> February 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	S <sup>2</sup> and SW <sup>2</sup> winds, fresh or strong, cloudy, some rain.	6 { SCOTLAND WEST	S <sup>2</sup> winds, freshening; cloudy, some rain.
7 { SCOTLAND EAST	SW <sup>2</sup> winds, moderate, fine to cloudy and unsettled.	7 { ENGLAND N.W.	SE <sup>2</sup> and S <sup>2</sup> winds, moderate, foggy at first, then cloudy and unsettled.
2 { ENGLAND N.E.	SW <sup>2</sup> winds, moderate; foggy at first then fair.	8 { ENGLAND S.W.	Same as No 5
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	S <sup>2</sup> winds, freshening; fair to cloudy and some rain.
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	----- D° ----- D° ----- D° -----
5 { ENGLAND SOUTH	Variable airs, finally SW <sup>2</sup> ; cloudy, some fog, rain or sleet locally.	WARNINGS	NONE ISSUED.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.28	39	39	SSE	2	h f	5	Holyhead	30.40	44	44	SSW	4	am	3
Sumburgh Head	30.18	44	43	SW	4	c	4	Valencia	30.41	49	48	NNW	2	om	2
Stornoway	30.23	46	44	SW	4	b	3	Scilly	30.46	45	42	WNW	3	0	4
Aberdeen	30.29	45	44	2	0	b	1	Dungeness	30.34	38	37	NNE	3	m	2
Shields	30.33	46	44	N	2	e	2	London	30.43	34	33	WSE	1	bf	*
Ardrossan	30.33	44	44	2	0	c	0	Yarmouth	30.42	31	30	N	2	f	2
Malin Head	30.34	45	45	W	2	b	3	Jersey	30.42	41	39	NNW	3	b	3
Mullaghmore	30.34	46	45	N	2	b	3	Rocheport	30.41	41	39	NE	4	b	2
Belmullet	30.40	46	45	SW	2	c	*								

## REMARKS.

The barometer continues to fall slowly at all stations excepting Skudesnaes and Sumburgh Head, where a slight rise is reported. The wind has shifted to NNW at Valencia, but elsewhere it remains unchanged. Rain is falling at Holyhead and fog still prevails in the southeast of England. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for Friday 12<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. SCOTT, Secretary.

Issued by the Meteorological Office, 10, Victoria Street, London, W. H. SCOTT, Secretary.																			
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.			
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda	29.85	27	SW	6		o	29.85	-.02	31	31	-2	S	4	o	*	35	27	—	
Hernösand	29.93	15	L	o		f	29.93	-.18	32	31	+11	S	2	o	*	39	14	—	
Stockholm	30.18	28	S	2		o	30.15	-.09	28	28	-5	S	2	o	*	36	25	—	
Wisby	30.24	25	W	4		o	30.18	-.14	32	31	+4	SW	4	o	*	34	?	—	
Bodö	29.61	40	WSW	8		r	29.54	-.07	42	37	+2	SW	6	o	3	?	39	0.08	
Christiansund	29.77	35	ESE	2		b	29.69	-.26	41	37	+1	SW	3	c	5	41	28	—	
Skudesnaes	30.01	37	SSE	7		r	29.96	-.24	33	32	-6	SSE	8	o	5	39	?	—	
Oxö (Åtlandsund)	30.12	30	S	1		f	30.07	-.15	30	30	-5	N	1	o	1	?	28	—	
Skagen (The Skaw)	30.12	30	SSW	2		o	30.07	-.19	28	27	o	SSW	2	o	o	?	27	—	
Fanö	30.09	28	S	1		m	30.06	-.17	29	29	+3	S	1	o	*	?	15	—	
Cuxhaven	30.14	32	ESE	1		f	30.12	-.14	30	30	-1	SSE	1	f	*	?	28	—	
Sumburgh Head	29.70	41	SSW	4		o	29.73	-.21	40	38	-2	WSW	4	o	3	44	37	—	
Stornoway	29.64	44	SSW	7		rg	29.67	-.22	37	36	-6	S	3	c	3	45	33	0.14	
Wick	29.72	42	SW	5		c	29.75	-.22	40	38	+2	S	1	c	1	44	38	—	
Nairn	29.75	42	WSW	2		c	29.75	-.26	38	37	-2	E	1	c	1	47	36	0.03	
Aberdeen	29.88	38	S	4		bc	29.81	-.28	38	37	+6	SSW	3	c	1	43	31	0.01	
Leith	29.93	40	SW	1		c	29.82	-.31	42	40	+10	SW	1	bc	*	47	31	—	
Shields	29.98	40	SSW	2		om	29.91	-.24	34	34	-5	SSW	2	f	2	45	39	—	
Spurn Head	30.04	37	S	3		f	29.97	-.24	37	37	o	SSW	3	f	2	38	35	—	
York	30.03	40	S	1		o	29.96	-.19	40	39	+4	SSE	1	f	*	45	36	0.04	
Loughborough	30.06	42	SSW	1		o	29.98	-.25	40	40	+5	SE	1	ogm	*	45	35	—	
Ardrossan	29.91	41	S	3		o	29.80	-.33	42	41	+5	S	4	r	3	43	36	0.01	
Malin Head	29.83	43	E	4		o	29.69	-.35	42	41	+4	S	4	op	4	44	37	0.05	
Mullaghmore	29.88	45	WSW	5		og	29.70	-.39	45	44	+8	S	6	c	5	46	36	0.13	
Belmullet	29.96	46	SSW	6		o	29.68	-.38	45	45	+3	SSW	6	bc	*	47	42	0.24	
Donaghadee	29.95	39	WSW	2		b	29.81	-.33	41	40	+3	SW	3	bc	1	47	37	—	
Barrow-in-Furness	29.99	41	SW	1		o	29.93	-.26	36	36	-3	SE	3	f	*	41	33	0.04	
Liverpool (Bidston)	29.99	44	S	2		o	29.94	-.23	34	34	-5	S	2	b	1	48	34	0.07	
Holyhead	29.99	43	SW	2		c	29.91	-.26	41	41	-2	S	3	com	2	44	38	—	
Parsonstown	29.98	43	L	o		bc	29.81	-.38	42	41	+5	SSE	1	c	*	48	35	—	
Valencia	29.99	46	SSW	2		bc	29.80	-.35	49	48	+7	S	3	o	3	50	41	0.02	
Roche's Point	30.00	43	WSW	2		b	29.87	-.26	47	46	+4	SW	3	om	4	47	40	—	
Pembroke	30.01	44	WN	3		c	29.96	-.21	40	40	-4	ESE	1	f	o	46	40	0.16	
Seilly	30.06	48	WSW	5		c	29.98	-.24	47	45	o	SSW	2	o	4	50	45	0.03	
Prawle Point	30.09	46	SW	2		f	30.00	-.24	47	40	-2	WNW	1	f	2	45	38	0.00	
Hurst Castle	30.12	41	WSW	3		c	30.00	-.25	43	43	+6	SSW	5	ca	2	43	36	0.03	
Dungeness	30.11	34	NNW	1		f	30.06	-.17	40	40	+9	L	o	for	1	40	30	0.02	
London	30.10	36	W	1		f	30.02	-.21	39	39	+6	SW	2	om	*	39	33	0.03	
Oxford	30.08	39	SSW	1		o	30.02	-.22	39	38	+4	S	1	om	*	42	35	0.02	
Cambridge	30.09	35	L	o		f	30.02	-.20	38	37	+3	S	1	f	*	38	33	—	
Yarmouth	30.09	35	L	o		af	30.05	-.17	35	34	+2	SSW	2	bc	2	35	31	—	
The Helder	30.10	30	NE	1		o	30.08	-.13	29	29	+1	SSE	1	f	1	?	?	—	
Cape Gris Nez	30.14	39	SSE	1		og	30.06	-.18	42	42	+3	SSW	3	and	3	42	38	0.07	
Jersey	30.15	?	NN	3		o	30.06	-.22	46	46	o	S	7	r	5	46	45	0.01	
Brest	30.18	45	NN	4		o	30.12	-.17	46	44	+7	W	1	o	2	?	34	0.04	
Lorient	30.24	35	ENE	4		m	30.21	-.09	35	34	+3	SSE	4	m	2	41	28	—	
Rochefort	30.18	47	NN	5		c	30.15	-.08	37	35	-9	E	3	b	1	50	34	—	
Biarritz	*	*	*	*		*	30.32	-.12	40	40	+1	ENE	1	o	4	54	37	—	
Corunna	*	*	*	*		*	30.09	-.11	29	29	+1	NNW	3	f	*	30	26	—	
Brussels	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	—
Charleville	?	30.10	29	SSE	4	m	?	30.06	?	29	29	+10	SSE	1	o	*	30	?	—
Paris	30.17	34	N	3		o	30.13	-.11	36	34	+5	SW	4	o	*	?	?	—	
Lyon	30.16	30	N	3		o	30.16	-.05	29	28	o	NNW	3	o	*	31	28	—	
Toulon	29.94	39	N	3		m	29.97	-.05	40	37	-2	E	1	o	2	45	37	—	

## EXPLANATION OF COLUMNS.

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); overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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Printed by the Meteorological Office, 116, Victoria Street, London.



# WEATHER CHARTS

for 8 a.m. on Friday 12<sup>th</sup> February 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; → = forces 8 to 10;  
 → = forces 5 to 7; → = forces 1 to 4;  
 ○ = dead calm.

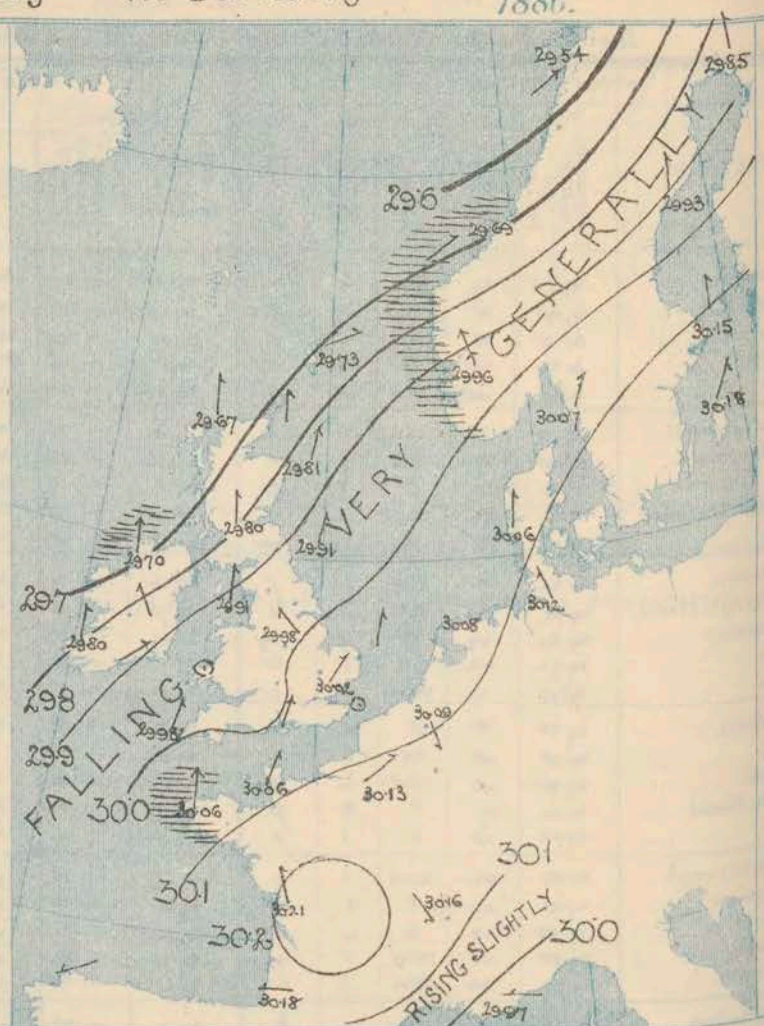
**Sea Disturbance** — where considerable, is shown thus

▨ = Rough; ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 Years 1871-1880.

STATIONS.	MEAN READINGS.
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Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.936
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 10° Changes since previous morning are stated in words.

**Weather** — is shown by Letters of the Beaufort Scale.

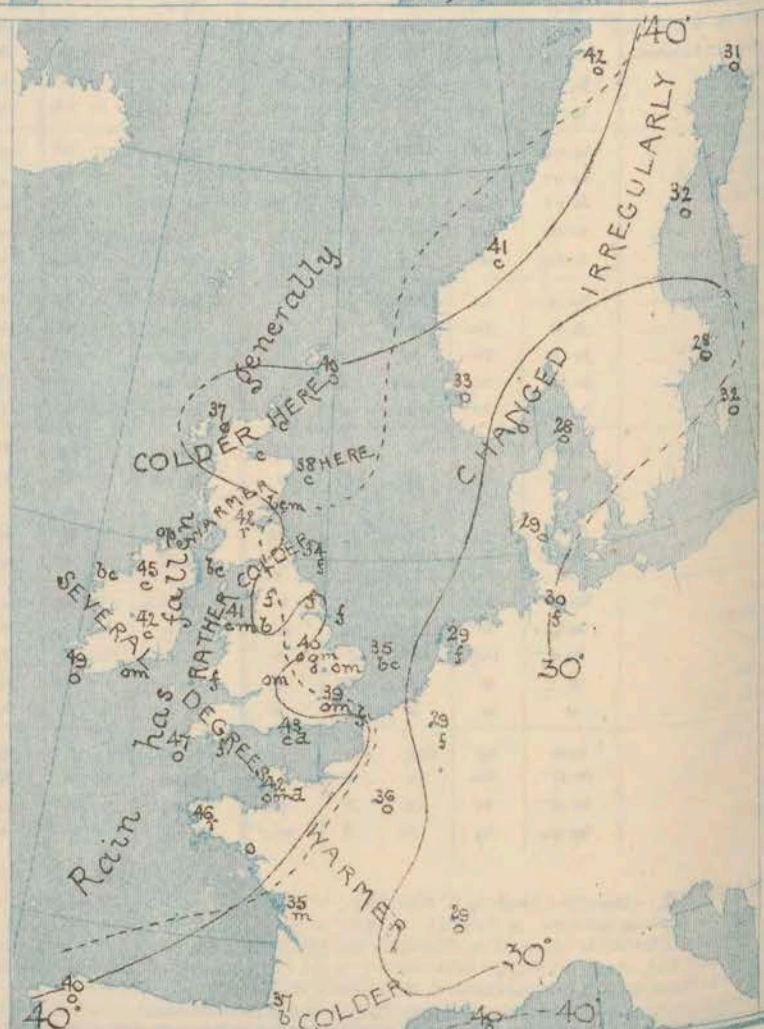
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February.

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.	At 8 a.m.	
			Dry	Wet	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	3.97
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.0	37.6	1.58
Shields	43.7	35.9	38.8	37.5	1.63
York	44.0	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.00
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	1.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.98
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE — The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 20 years 1866-85.





# REMARKS.

for

Friday 12<sup>th</sup> February

1886. at 8 a.m.

In the course of the past twenty-four hours the barometer has fallen generally, and while the highest pressures are found over the southwest of France, a series of depressions is passing along our extreme west and northwest coasts. The wind is Ely in the south of France, but elsewhere it varies between S and SW, and although light or moderate generally it blows strongly in the west of Ireland. Fair weather is reported at several of the Irish and Scotch stations, but elsewhere the sky is cloudy or overcast with fog or mist in many parts of England and driving rain at Hurst Castle and Jersey. Light rain fell yesterday in many parts of the Kingdom. Temperature has fallen a little in the extreme north of Scotland and also in the northwest of England, but risen elsewhere; readings now range from 49° at Valencia to 34° at Shields and Liverpool. The sea is rather rough off the west of Norway as well as at Mullaghmore, moderate to smooth elsewhere.

There is at present no sign of any important change in the weather.

## FORECASTS

for the 24 hours ending at NOON on 13<sup>th</sup> February 1886.

(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

1 { SCOTLAND  
NORTH

Sly and SWly winds, moderate to strong cloudy, some rain.

2 { SCOTLAND  
EAST

Sly and SWly winds, moderate or fresh; fair generally.

3 { ENGLAND  
N.E.

----- D° ----- D° -----

4 { ENGLAND  
EAST

Same as N° 5.

5 { MIDLAND  
COUNTIES

Same as N° 5.

6 { ENGLAND  
SOUTH

Sly and SWly winds, light or moderate, cloudy, unsettled, some rain.

6 { SCOTLAND  
WEST

Sly winds, moderate to strong, unsettled, some rain.

7 { ENGLAND  
N.W.

SEly and Sly winds, freshening, cloudy, some rain.

8 { ENGLAND  
S.W.

----- D° ----- D° -----

9 { IRELAND  
NORTH

Sly winds, increasing in force, fair to unsettled and some rain.

10 { IRELAND  
SOUTH

----- D° ----- D° -----

### WARNINGS

The S. cone was hoisted last evening in districts 6, 9, and part of 6.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

RESIDENTIALS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnæs	30.07	39	39	SE	4	fr	5	Holyhead	30.04	44	44	SSW	2	cm	2
Sumburgh Head	29.79	43	41	SSW	4	b	4	Valencia	30.05	49	45	SW	3	op	3
Stornoway	29.73	44	43	S	8	o g p	6	Scilly	30.11	49	48	WSW	4	pf	4
Aberdeen	29.95	40	38	SSW	3	bc	1	Dungeness	30.15	36	36	NNE	1	m	1
Shields	30.02	44	42	SSW	2	om	2	London	30.14	38	34	Z	0	b	*
Ardrossan	29.98	42	42	SSW	3	c	2	Yarmouth	30.14	35	34	Z	0	c f	2
Malin Head	29.89	42	40	SSW	4	o	4	Jersey	30.18	41	39	SW	1	o	1
Mullaghmore	29.95	45	42	SSW	5	c p	4	Rocheport	30.26	36	38	NNE	4	o	2
Belmullet	29.94	47	45	SW	6	bc	*								

## REMARKS.

The barometer continues to fall generally - most in the north - and the wind at Stornoway has increased to a fresh gale from the S.W. Fair weather is still reported from several of our western and northern stations, but fog continues in the southeast of England and showers are falling at Valencia and Scilly. The sea is rough at Stornoway, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for

Saturday 13<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.																		
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force: (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force: (0 to 12).	Weather.		Max.	Min.	
Haparanda	29.94	23	SW	4	b		30.20	+ .35	27	24	- 4	SW	2	0	*	32	21	-
Hernösand	30.07	21	SW	0	b		30.17	+ .24	21	20	- 11	SW	0	0	*	36	4	-
Stockholm	30.20	28	W	2	o		30.27	+ .12	27	27	- 1	SW	2	f	*	32	25	-
Wibsy	30.21	30	SSE	4	c		30.23	+ .05	24	24	- 8	SSE	4	bc	*	36	?	-
Bodö																		
Christiansund																		
Skudesnaes	30.01	36	SSE	8	o		29.99	+ .08	35	32	+ 2	SSE	7	0	5	36	32	-
Ørø (Xtiansund).																		
Skagen (The Skaw)	30.13	30	SSW	1	o		30.15	+ .08	28	27	0	SSE	1	0	0	30	27	-
Paasö	30.12	29	S	2	o		30.12	+ .06	26	25	- 3	S	1	0	*	30	25	-
Cuxhaven	30.20	29	SSE	1	f		30.16	+ .04	28	28	- 2	SSE	2	f	*	?	26	-
Sunburgh Head	29.60	42	S	5	o		29.59	- .14	42	42	+ 2	S	5	m	5	44	36	0.28
Stornoway	29.50	39	W	5	h		29.50	- .17	37	37	0	ESE	3	h	3	45	35	0.32
Wick	29.57	42	S	3	c		29.55	- .20	42	42	+ 2	SSE	3	o	1	45	38	-
Nairn	29.57	45	SSE	3	bc		29.51	- .24	46	43	+ 8	S	5	bc	1	44	36	0.08
Aberdeen	29.73	41	S	4	c		29.66	- .15	42	41	+ 4	S	6	cq	3	43	37	-
Leith	29.74	45	SW	3	c		29.68	- .17	46	44	+ 4	from	3	n	*	48	42	-
Shields	29.84	44	S	3	b		29.80	- .11	38	37	+ 4	SSW	2	m	2	46	33	-
Spurn Head	29.93	38	SSE	3	o		29.89	- .08	36	36	- 1	SSE	4	omaf	3	40	34	0.01
York	29.92	41	S	1	bc		29.87	- .09	38	37	- 2	S	2	c	*	48	34	-
Loughborough	29.94	39	SSE	1	b		29.90	- .08	41	40	+ 1	SE	1	odp	*	46	34	-
Androssan	29.72	43	SSE	4	o		29.60	- .20	45	44	+ 3	S	5	o	4	45	41	0.01
Mullin Head	29.57	46	W	4	o		29.42	- .27	46	45	+ 4	S	6	orm	5	48	38	0.12
Mullaghmore	29.59	47	SW	5	h		29.50	- .20	39	38	- 6	W	5	oh	4	50	39	0.52
Helmullet	29.61	41	N	3	o		29.54	- .14	39	38	- 6	from	2	oh	*	48	34	0.83
Donaghadee	29.72	45	SSW	4	bc		29.59	- .22	46	45	+ 5	SSW	7	c	5	48	41	-
Barrow-in-Furness	29.84	42	ESE	3	o		29.77	- .16	41	40	+ 5	SSE	4	bc	*	44	35	-
Liverpool (Bidston)	29.87	44	S	2	o		29.80	- .14	42	41	+ 8	SE	3	c	2	48	34	-
Holyhead	29.49	43	S	4	o		29.72	- .19	45	45	+ 4	S	4	om	3	45	41	0.01
Parsonstown	29.68	50	S	2	o		29.55	- .27	48	46	+ 6	SSE	1	og	*	52	41	-
Valencia	29.66	50	S	8	o		29.58	- .22	40	39	- 9	MTW	4	gmr	4	52	40	0.35
Roche's Point	29.75	46	SW	4	o		29.60	- .27	48	47	+ 1	SW	5	p	4	50	45	0.08
Pembroke	29.88	45	S	4	o		29.77	- .19	44	44	+ 4	SSE	6	o	5	45	40	0.07
Scilly	29.91	48	S	4	c		29.79	- .19	47	46	0	SSW	6	n	6	52	46	0.02
Prawle Point	29.97	49	SW	3	o		29.90	- .10	44	43	+ 4	SSW	4	c	3	47	38	0.09
Harst Castle	29.98	41	from	3	c		29.94	- .06	45	44	+ 2	SSW	5	cp	3	47	40	0.11
Dungeness	29.99	41	from	3	h		29.96	- .10	43	42	+ 3	SW	3	o	2	43	38	0.17
London	29.97	41	SW	1	opd		29.97	- .05	46	45	+ 7	S	2	o	*	48	34	0.02
Oxford	29.97	43	SW	1	o		29.93	- .09	42	41	+ 3	S	2	o	*	48	39	0.01
Cambridge	29.99	38	SSE	1	h		29.95	- .04	38	38	0	SSE	1	a	*	42	32	0.07
Yarmouth	30.00	37	S	3	o		29.97	- .08	37	37	+ 2	SSE	4	fg	4	38	34	0.01
The Helder	30.09	29	SE	1	o		30.06	- .02	29	29	0	S	1	f	1	34	28	-
Cape Gris Nez																		
Jersey	30.01	44	S	1	c		29.98	- .08	43	43	+ 1	SSW	3	ogm	3	45	41	0.12
Brest	30.13	48	SSW	3	b		29.93	- .13	47	44	+ 1	SSW	5	o	4	50	45	-
Lorient																		
Rochefort	30.07	46	SSW	4	m		30.02	- .10	46	44	0	S	4	o	3	52	39	0.12
Biarritz	30.17	39	SSE	4	m		30.12	- .09	37	36	+ 2	SSE	4	c	1	41	30	-
Corama	30.13	46	ESE	3	o		30.04	- .14	34	32	- 3	ESE	3	b	0	50	32	-
Brussels	*	*	*	*	*		30.05	- .04	34	32	+ 5	MTW	2	f	*	?	29	-
Charleville																		
Paris	30.11	31	MTW	4	o		30.06	- .00	32	?	+ 1	MTW	1	o	*	36	28	?
Lyons	30.11	41	S	4	o		30.09	- .04	37	36	+ 1	SSE	4	o	*	*	*	-
Boulogne	30.17	30	N	3	o		30.16	- .00	29	28	0	MTW	1	c	*	30	28	-
Antwerp	29.97	45	MTW	1	c		30.02	+ .05	42	40	+ 2	SE	1	m	2	54	?	-

## EXPLANATION OF COLUMNS.

WEATHER.—Hawford 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.

The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by D. B. D. Ltd. London



# WEATHER CHARTS

For 8 a.m. on Saturday, 13<sup>th</sup> February, 1886.

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

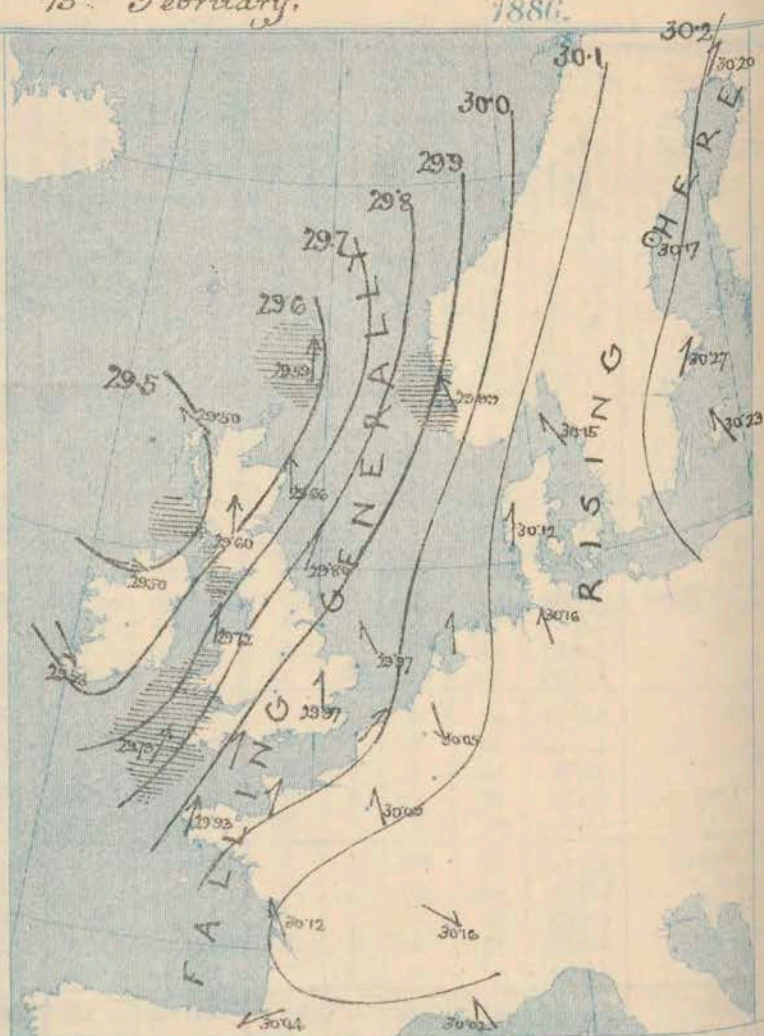
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their heads and feathers refer to force, thus —  
 \* — forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces 4 to 4;  
 ⊙ — dead calm.

**Sea Disturbance** — where considerable is shown thus  
 — Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February  
 during the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.731
Sornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.798
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.935
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

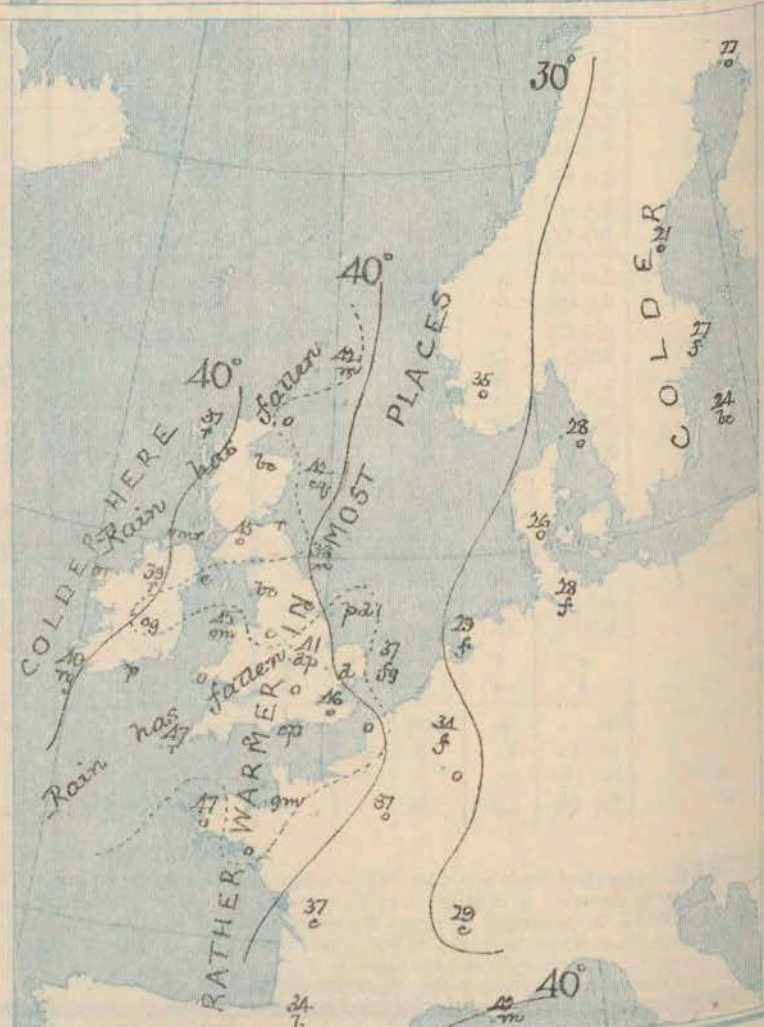
**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather** — is shown by Letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.	At 4 p.m.	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Sornoway	43.1	34.6	39.0	37.7	3.97
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	39.9	37.0	1.58
Shields	43.7	35.9	38.8	37.5	1.68
York	44.0	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	50.1	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	1.56
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.08
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.6	2.12
LONDON	46.4	35.4	38.8	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.00
Cambridge	46.0	33.7	37.6	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.6	2.02

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Saturday 13<sup>th</sup> February. 1886 at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to fall at all but the Scandinavian and Danish stations; and a depression is now lying off our extreme north-west coast, while a "V shaped" subsidiary disturbance is found over the south of Ireland. The wind has shifted to W. at Mullaghmore and to NNW. at Valencia, but elsewhere it varies between SE. and S. and at some of our western and northern stations it blows strongly. The weather is fair in the south of France and also in the north-west of England, but cloudy or overcast elsewhere, with rain in many parts of our Islands. Temperature has fallen a few degrees in the west of Ireland, but risen a little in most other localities, readings now range from 48° at Larne and Rock Point to 36° at Spurn Head. The sea is rough at Lelly, and rather rough on several of the more exposed parts of our western and northern coasts, but moderate to smooth elsewhere.

The depression in the north-west will probably move slowly northward, but the subsidiary disturbance may possibly advance eastward over England. Unsettled weather is likely to continue in most parts of the Kingdom.

## FORECASTS

for the 24 hours ending at NOON on 14<sup>th</sup> FEBRUARY 1886.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SE <sup>2</sup> and S <sup>2</sup> winds, fresh; cloudy, some rain.	6 SCOTLAND WEST	SE <sup>2</sup> and S <sup>2</sup> winds, fresh; unsettled, some rain.
2 SCOTLAND EAST	S <sup>2</sup> winds, fresh or strong; some rain at first then fair.	7 ENGLAND N. W.	-----D-----D-----D-----
3 ENGLAND N. E.	Same as No 5	8 ENGLAND S. W.	S <sup>2</sup> to SW <sup>2</sup> winds, fresh or strong; cloudy, some rain.
4 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Same as No 1.
5 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	NW <sup>2</sup> and W <sup>2</sup> winds, backing later changeable, some rain.
6 ENGLAND SOUTH	S <sup>2</sup> winds, moderate, changeable, some rain.	WARNINGS	
		NONE ISSUED.	



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.99	35	38	SSE	8	0 f	5	Holyhead	29.86	43	42	SSE	4	0 q/m	3
Sumburgh Head	29.67	42	39	S	3	0	3	Valencia	29.69	51	50	S	7	0 m	6
Stornoway.	29.52	43	43	S	6	0 m	6	Scilly	29.92	50	49	Sw	4	0 q/m	4
Aberdeen	29.73	43	41	S	6	0	2	Dungeness	30.00	42	42	from	2	0	1
Shields	29.85	46	42	SSW	2	0	2	London	29.98	44	43	Sw	1	0 m	*
Ardrossan	29.75	44	43	S	4	0	3	Yarmouth	30.01	38	37	S	3	0 m	3
Malin Head	29.57	47	45	S	4	0	4	Jersey	30.00	44	44	Sw	3	0	3
Mullaghmore	29.61	50	47	SSW	7	0	6	Rochefort	30.19	39	38	SSE	4	0 m	2
Belmullet	29.58	48	47	Sw	6	0 q/m	*								

## REMARKS.

The barometer continues to fall generally/- most in the west- and the wind at the Irish and Scotch stations has increased to a strong breeze or moderate gale from the S<sup>d</sup>. Dull weather is reported on all but our northeast coasts and rain is falling in the south and southeast of England. The sea is rough on the west coast of Ireland and Scotland.



# DAILY WEATHER REPORT

for Sunday 14<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. W. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.		Temp. in Shade.	Sea. (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).				Max.	Min.		
Haparanda	30.16	29	SW	6	o	30.17	- .03	27	27	0	S	6	o	*	30	2	-		
Hernösand	30.18	26	SSW	4	b	30.22	+ .05	23	22	+ 2	SSW	6	o	*	28	10	-		
Stockholm	30.29	31	S	2	o	30.28	+ .01	28	27	+ 1	S	2	o	*	34	25	-		
Wisby	30.25	29	ESE	4	o	30.26	+ .03	28	27	+ 4	SSE	4	o	*	37	2	-		
Bodo	29.81	37	ENE	2	o	29.76	- .05	33	29	- 8	ENE	4	o	2	41	30	-		
Christiansund	29.75	40	ESE	2	o	29.74	- .01	41	36	+ 5	ESE	4	o	4	41	28	-		
Skudesnaes	29.99	32	SE	8	o	29.90	- .09	38	32	- 2	SE	8	o	5	36	32	-		
Oxø (Christiansund)	30.13	29	E	4	o	30.08	- .05	30	29	+ 1	E	4	o	2	?	28	-		
Skagen (The Skaw)	30.15	30	SSW	2	o	30.11	- .04	31	30	+ 3	SSW	3	o	1	32	28	-		
Faro	30.11	26	SSE	4	o	30.04	- .07	29	28	+ 3	SSE	4	o	*	30	25	-		
Cuxhaven	30.13	30	SSE	2	f	30.10	- .03	32	32	+ 4	S	3	o	*	32	30	-		
Sumburgh Head	29.49	43	SSE	7	o	29.45	- .04	38	38	- 4	Z	o	r	6	44	35	0.55		
Stornoway	29.46	36	W	2	om	29.47	- .01	34	34	- 3	WSW	2	om	1	38	32	0.68		
Wick	29.46	42	SSE	6	o	29.45	- .01	33	33	- 9	NW	1	s	1	44	32	0.37		
Nairn	29.50	40	SW	1	r	29.48	- .02	33	32	- 13	SW	1	o	1	51	32	0.54		
Aberdeen	29.60	43	S	6	oq	29.43	- .17	41	40	- 1	SSW	3	rs	4	44	40	0.27		
Leith	29.57	47	SW	2	c	29.50	- .07	35	35	- 11	W	1	om	*	50	34	0.31		
Shields	29.74	43	SSE	2	m	29.54	- .20	43	41	+ 5	S	4	d	3	46	36	-		
Spurn Head	29.82	40	SSE	4	bc	29.64	- .18	40	39	+ 4	SSE	5	cu	3	41	35	0.01		
York	29.78	46	SE	1	o	29.61	- .17	41	40	+ 3	S	3	r	*	48	36	0.02		
Loughborough	29.83	44	SSE	2	o	29.69	- .14	40	39	- 1	S	4	oq	*	50	39	0.10		
Ardrossan	29.53	44	S	5	r	29.56	- .03	36	35	- 9	WNW	1	rsp	1	45	35	0.44		
Malin Head	29.54	38	S	2	o	29.57	+ .03	36	34	- 10	SW	4	b	3	47	34	0.15		
Mullaghmore	29.57	38	WSW	4	p	29.59	+ .02	35	33	- 4	SSW	4	b	2	40	32	0.20		
Belmullet	29.57	39	SW	3	v	29.60	+ .03	37	35	- 2	W	7	cr	*	42	36	0.18		
Donaghadee	29.57	41	SW	2	r	29.63	+ .06	34	34	- 12	W	3	bc	1	46	33	0.44		
Barrow-in-Furness	29.68	43	SE	4	o	29.64	- .04	36	36	- 5	NW	2	o	*	46	34	0.21		
Liverpool (Bidston)	29.71	45	SE	3	o	29.65	- .06	34	34	- 8	W	3	o	2	49	32	0.21		
Holyhead	29.64	45	S	5	omq	29.68	+ .04	37	36	- 8	W	4	bc	4	47	39	0.97		
Parsonstown	29.63	37	Z	0	o	29.70	+ .07	31	31	- 17	Z	0	b	*	48	30	0.33		
Valencia	29.51	41	NNW	1	o	29.73	+ .22	39	37	- 1	WSW	2	c	3	44	36	0.10		
Roche's Point	29.60	40	NNW	4	c	29.72	+ .12	35	33	- 13	W	1	b	3	49	33	0.46		
Pembroke	29.65	46	SSW	7	c	29.74	+ .09	39	38	- 5	NW	3	bc	2	46	34	0.75		
Scilly	29.67	49	S	6	r	29.77	+ .10	43	40	- 4	NNW	2	c	4	50	40	0.36		
Prawle Point	29.82	46	S	5	o	29.73	- .09	39	39	- 5	NNW	4	c	4	46	37	0.02		
Hurst Castle	29.88	45	SW	5	c	29.76	- .12	41	40	- 4	SSW	6	r	4	49	39	0.07		
Dungeness	29.96	43	SW	4	r	29.86	- .10	40	40	- 3	SSW	5	c	3	46	39	0.02		
London	29.92	42	S	2	b	29.81	- .11	40	38	- 6	SSE	2	c	*	49	39	0.01		
Oxford	29.87	43	S	4	o	29.75	- .12	40	38	- 2	S	4	rq	*	49	40	0.02		
Cambridge	29.88	44	S	1	o	29.77	- .11	40	38	+ 2	S	2	o	*	46	37	0.03		
Yarmouth	29.93	38	S	3	crr	29.85	- .08	38	37	+ 1	S	5	bc	4	39	36	0.01		
The Helder	30.01	32	SE	1	f	29.97	- .04	34	?	+ 5	S	3	f	2	34	28	-		
Cape Gris Nez																			
Jersey	29.92	44	S	4	oq	29.80	- .12	40	40	- 3	S	4	omq	4	45	39	0.01		
Brest	29.83	48	S	7	o	29.74	- .09	44	43	- 3	NW	5	r	5	48	43	0.20		
Lorient	29.93	45	SSE	5	bc	29.86	- .07	47	45	+ 1	S	4	o	4	50	39	0.04		
Rochefort	30.04	42	SE	4	b	29.95	- .09	36	34	- 1	SE	4	c	2	50	28	-		
Barritz	29.93	50	ENE	5	b	29.86	- .07	43	40	+ 9	E	1	c	0	54	32	-		
Corunna	*	*	*	*	*	29.95	- .06	48	46	+ 6	S	3	o	4	57	41	-		
Brussels	*	*	*	*	*	30.01	- .04	36	35	+ 2	SSE	3	f	*	39	33	-		
Charleville	30.05	33	NNE	4	o	30.04	- .01	34	34	+ 4	NNW	4	o	*	36	29	-		
Paris	30.08	41	S	1	o	30.00	- .08	35	35	- 2	SE	1	bc	*	*	*	-		
Lyons	30.13	32	ESE	1	b	30.08	- .05	27	26	- 3	W	1	b	*	37	27	-		
Toulon	30.01	43	Z	0	m	30.28	+ .27	39	37	- 3	Z	0	m	2	52	37	-		

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is h. 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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by the Meteorological Office, 116, Victoria Street, London.



# WEATHER CHARTS

for 8 a.m. on

Sunday

14<sup>th</sup> February

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map.)

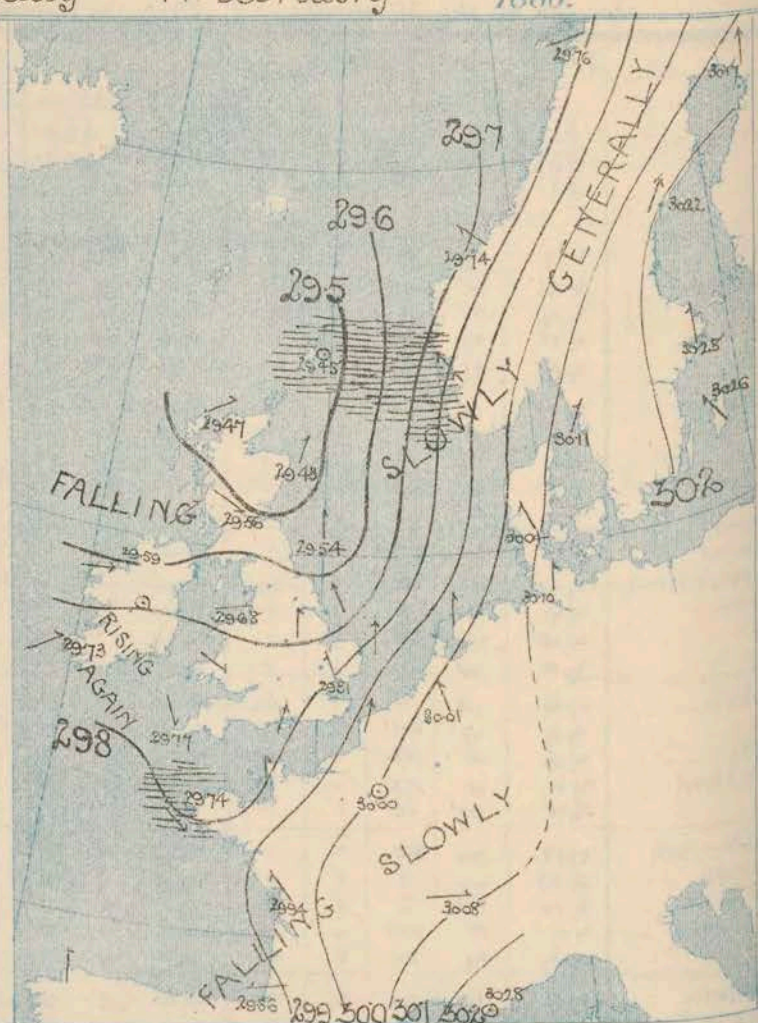
**Barometer** — Iso-bars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — force above 10, — force 8 to 10;  
 — force 5 to 7, — force 1 to 4;  
 ○ — dead calm.

**Sea Disturbance** — where considerable is shown thus  
 — Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.883
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 a.m., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.

**Weather** — is shown by Letters of the Beaufort Scale.

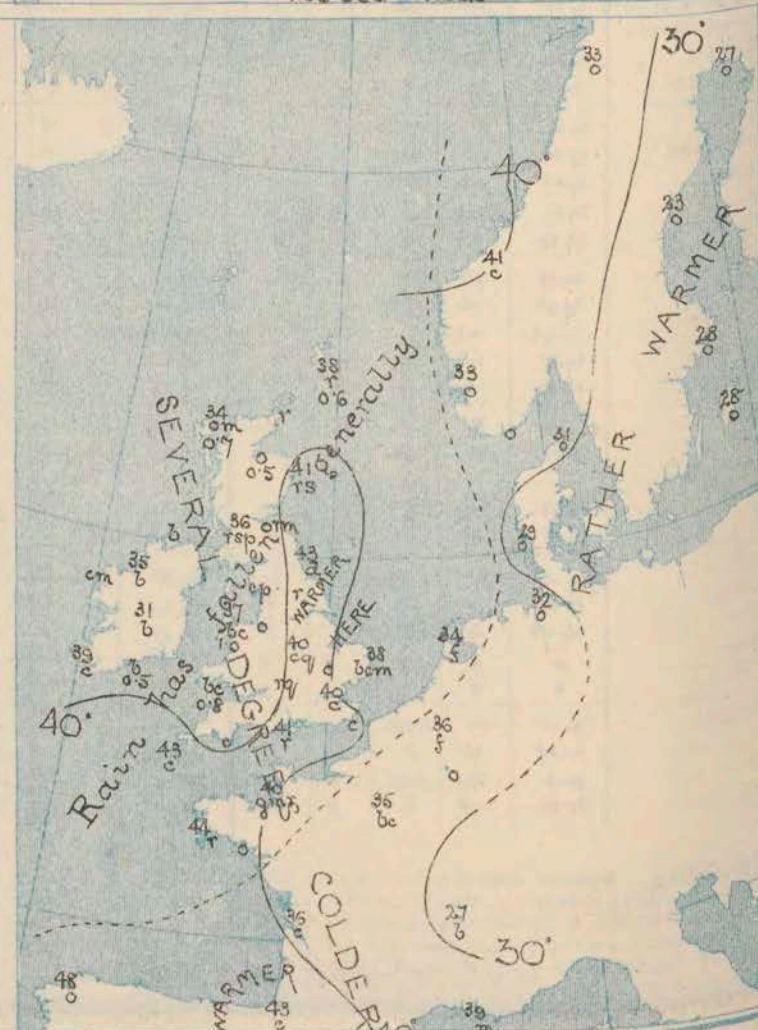
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.	At 4 p.m.	
Sumburgh Head	42.5	34.5	38.4	37.0	3.29
Stornoway	43.1	34.6	39.0	37.7	3.07
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	3.51
Leith	46.5	34.4	38.9	37.6	1.53
Shields	43.7	35.9	38.8	37.5	1.63
York	44.9	33.0	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.0	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.95
Hurst Castle	45.8	37.5	40.9	40.1	2.68
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.56
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Sunday 14<sup>th</sup> February 1886 at 8 a.m.

The depression which lay off our extreme north-west coasts yesterday has moved eastwards over Scotland, while the subsidiary disturbance then noticed over the south of Ireland has advanced to the English Channel. The barometer has consequently risen on our western coasts, but has continued to fall at all the more eastern as well as the Continental stations. Light S.W. or W. breezes prevail on our north and north-west coasts, and light N.W. breezes in the south-west, but elsewhere the wind varies between S.E. and S, and is moderate to strong in force. The weather is fine at our western stations and also in some parts of France, but cloudy or overcast elsewhere, with snow or sleet in Scotland and rain at some of the English stations. In the course of the past twenty-four hours rain has occurred generally, and snow has fallen in the north of Scotland. Temperature has risen a little in Sweden, Denmark and the east of England, but fallen elsewhere, several degrees in Ireland and Scotland; readings over our Islands now range from 47° at Killybegs to 33° at Wick and Slieve Donard and 31° at Parsonstown. The sea is rough at Sumburgh Head, but moderate to smooth elsewhere.

## FORECASTS

For the 24 hours ending at NOON on 15<sup>th</sup> February. 1886.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

1 { SCOTLAND  
EAST

2 { ENGLAND  
N.E.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

5 { ENGLAND  
SOUTH

None issued

### DISTRICTS.

### FORECASTS.

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

None issued

### WARNINGS

None issued



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes	30.01	35	33	SE	8	0	5	Holyhead	29.69	46	45	S	5	om	4
Sumburgh Head	29.51	43	42	SSE	6	m	6	Valencia	29.60	43	41	NNW	2	0	1
Starnoway	29.41	35	35	NNW	4	0	3	Scilly	29.75	49	47	SSW	6	0	6
Aberdeen	29.61	43	41	S	7	09	5	Dungeness	30.07	44	43	SW	4	0	2
Shields	29.75	46	44	S	3	om	2	London	29.93	49	46	SSW	3	0	*
Ardrossan	29.55	45	44	S	6	0	5	Yarmouth	29.94	39	38	S	3	om	3
Malin Head	29.54	39	39	W	2	r	3	Jersey	29.95	44	43	S	3	0	3
Mullaghmore	29.55	40	39	WSW	4	0	3	Rochefort	30.09	50	45	SE	4	6	2
Behnullet	29.57	42	39	W	3	0	*								

## REMARKS.

The barometer continues to fall at all but the Irish stations, where a slight rise is reported. A light NNW breeze prevails at Valencia, and moderate W<sup>3</sup> breezes on our extreme north-west coasts, but elsewhere the wind remains S<sup>2</sup>. Full weather is reported at all the western and northern stations, but in the south-east of England the sky is partially clear. The sea is rough at Sumburgh Head and Scilly, rather rough at Aberdeen, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Monday 15<sup>th</sup> February 1886.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.				
Haparanda	30.23	27	S	6	0	30.19	+0.2	23	23	-4	S	6	0	*	30	21	-		
Hernösand	30.21	28	SEW	2	0	30.21	-0.1	28	27	+5	SEW	2	0	*	28	21	-		
Stockholm	30.26	29	S	2	0	30.25	-0.3	30	28	+2	S	2	0	*	32	27	-		
Wisby	30.24	28	ESE	2	bc	30.24	-0.2	28	27	0	SSE	2	0	*	32	27	-		
Bodo	29.78	31	ESE	6	0	29.78	+0.2	35	31	+2	ESE	6	0	*	?	?	-		
Christiansund	29.68	42	ESE	2	c	29.79	+0.5	41	36	0	ESE	3	0	4	43	36	-		
Skudesnaes	29.64	36	SE	8	0	30.00	+1.0	37	36	+4	SSE	6	0	5	?	?	-		
Oxö (Christiansund)	30.03	33	ESE	4	f	30.11	+0.3	32	32	+2	SE	4	0	3	?	?	0.04		
Skagen (The Skaw)	30.11	32	S	3	f	30.15	+0.4	31	30	0	S	2	0	0	32	30	-		
Faro	30.06	30	SSE	4	0	30.11	+0.7	29	29	0	SSE	4	0	*	32	28	-		
Cuxhaven	30.08	33	SE	1	0	30.12	+0.2	31	31	-1	ESE	1	0	*	34	29	-		
Sumburgh Head	29.48	36	WNW	3	c	29.65	+4.0	37	36	-1	WNW	4	0	4	39	32	0.48		
Stornoway	29.58	34	SSW	3	bps	29.94	+4.7	30	30	-4	WNW	1	0	0	40	29	0.01		
Wick	29.64	35	WNW	1	b	29.98	+5.3	34	32	+1	SW	1	0	1	39	30	0.10		
Nairn	29.62	35	WNW	2	b	29.97	+4.9	33	32	0	S	1	0	1	39	30	0.10		
Aberdeen	29.69	37	WNW	2	b	30.01	+5.8	30	29	-11	SW	1	0	1	42	28	0.11		
Leith	29.74	40	W	2	c	30.02	+5.2	31	31	-4	N	1	0	*	42	28	0.08		
Shields	29.80	38	S	2	b	30.06	+5.2	33	32	-10	SSW	1	0	2	43	31	0.03		
Spurn Head	29.85	36	W	1	b	30.06	+4.2	31	31	-9	Z	0	0	3	41	30	0.05		
York	29.86	36	WNW	1	b	30.10	+4.6	29	29	-12	N	1	0	*	44	26	0.06		
Loughborough	29.88	36	W	1	b	30.08	+3.9	23	23	-17	WNW	1	0	cf	45	22	0.06		
Ardrrossan	29.74	39	SW	4	b	30.02	+4.6	38	38	+2	SSE	2	0	2	44	35	0.01		
Malin Head	29.72	36	SW	3	b	29.98	+4.1	36	35	0	SSW	3	0	2	46	34	0.03		
Mullaghmore	29.75	37	SSW	4	b	29.99	+4.0	38	37	+3	NNE	2	0	2	44	34	-		
Belmullet	29.75	40	SW	3	b	30.00	+4.0	38	37	+1	ESE	3	0	0	44	36	0.05		
Donaghadee	29.80	37	S	1	bc	30.03	+4.0	29	29	-5	W	2	0	0	43	28	-		
Barrow-in-Furness	29.82	38	SSE	2	b	30.05	+4.1	34	33	-2	ESE	1	0	*	42	33	-		
Liverpool (Bidston)	29.87	39	W	1	b	30.05	+4.0	31	30	-3	SE	2	0	2	42	30	0.02		
Holyhead	29.88	40	SE	3	b	30.01	+3.3	35	35	-2	ESE	1	0	2	43	33	-		
Parsonstown	29.83	37	SSE	1	bc	30.03	+3.3	28	27	-3	Z	0	0	*	43	26	0.03		
Valencia	29.84	40	SE	3	bc	29.98	+2.5	33	32	-6	NNE	2	0	2	47	33	0.04		
Roche's Point	29.86	40	W	3	b	29.96	+2.4	33	32	-2	N	1	0	3	47	32	0.02		
Pembroke	29.88	41	WNW	1	b	30.03	+2.9	33	32	-6	ESE	1	0	1	44	32	-		
Swilly	29.86	44	N	1	bc	29.85	+0.8	41	40	-2	ESE	6	0	5	47	40	0.03		
Prawle Point	29.89	40	N	2	b	29.90	+1.7	40	39	+1	NE	4	0	3	50	34	0.01		
Hurst Castle	29.88	41	N	3	c	29.95	+1.9	39	39	-2	ESE	5	0	4	45	33	0.15		
Dungeness	29.86	43	SW	4	a	29.97	+1.1	41	41	+1	E	3	0	8	44	39	0.14		
London	29.86	42	S	1	ma	30.01	+2.0	38	37	-2	ESE	2	0	*	43	36	0.02		
Oxford	29.94	33	Z	0	b	30.04	+2.9	29	28	-11	N	1	0	bm	43	27	0.07		
Cambridge	29.82	39	N	1	0	30.07	+3.0	29	29	-11	Z	0	0	*	42	28	0.10		
Yarmouth	29.87	38	S	4	orm	30.05	+2.6	34	36	-1	ESE	3	0	3	41	34	0.14		
The Helder	29.98	33	SE	1	bc	30.06	+0.9	33	32	-1	SSE	1	0	1	39	32	-		
Cape Gris Nez																			
Jersey	29.87	42	NNE	3	0	29.87	+0.7	41	40	+1	ESE	4	0	3	44	40	0.10		
Brest	29.86	42	NE	4	0	29.78	+0.4	41	40	-3	E	4	0	3	46	39	0.08		
Lorient	29.88	48	SSE	5	m	29.81	-0.5	41	39	-6	SSE	5	0	3	50	36	-		
Rochefort	29.91	44	SE	1	0	29.85	-1.0	41	39	+5	SE	4	0	2	55	36	-		
Biarritz	29.77	53	E	3	c	29.69	-1.7	54	46	+11	S	4	0	2	57	43	-		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*														
Charleville	30.01	33	N	1	b	30.01	-0.3	26	26	-8	N	1	0	*	40	26	-		
Paris	29.95	45	SSE	3	b	29.98	-0.2	37	36	+2	NE	4	0	*	*	*	-		
Lyons	30.02	38	S	1	b	30.00	-0.8	33	31	+6	S	1	0	*	44	?	-		
Toulou	30.03	45	E	1	m	30.02	-2.6	42	41	+3	E	4	0	2	52	37	-		

## EXPLANATION OF COLUMNS.

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

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

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‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

for 8 a.m. on *Monday, 15<sup>th</sup> February, 1886.*

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

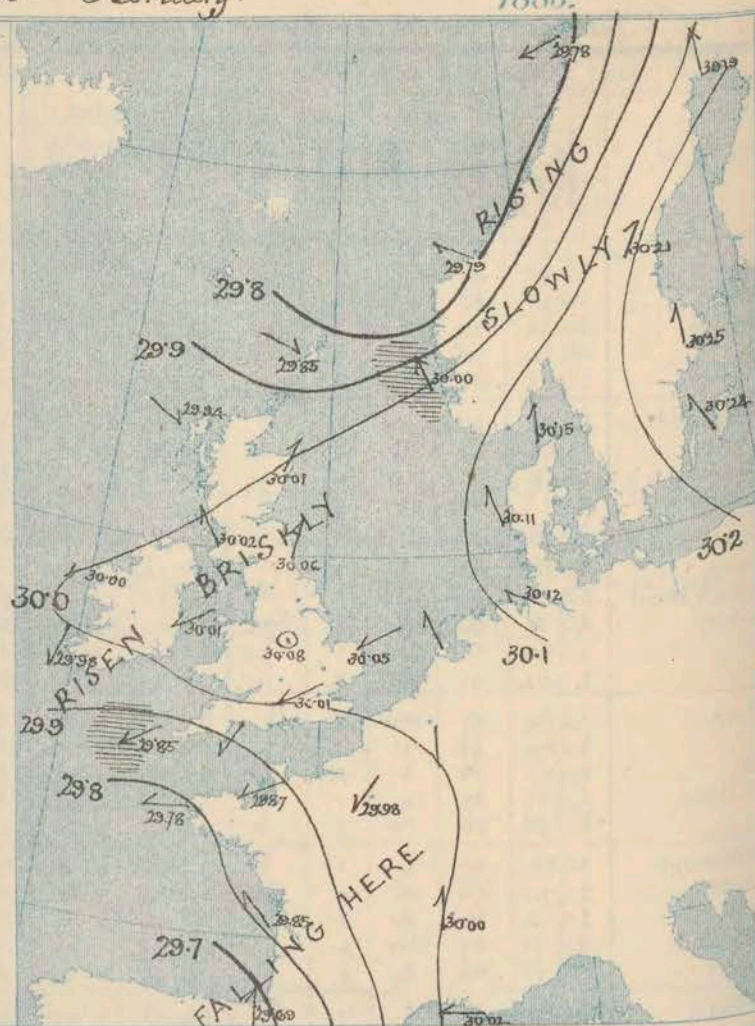
→ = forces above 10; →→ = forces 8 to 10;  
 →→ = forces 5 to 7; → = forces 1 to 4.  
 ○ = dead calm.

**Sea Disturbance** — where considerable is shown thus  
 = Rough. = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.883
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 1° change since previous morning are stated in words.

**Weather** — is shown by letters of the Beaufort Scale.

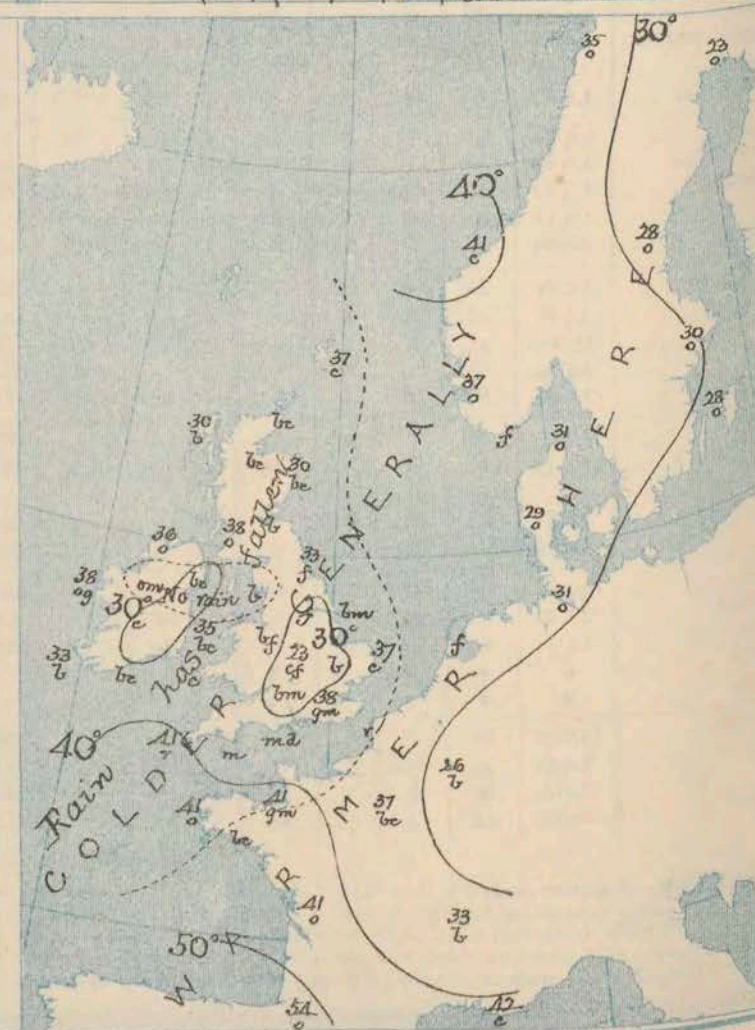
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min	Avg Dry	Avg Wet	
Sumburgh Head	42.5	34.5	38.4	37.0	3.29
Stornoway	43.1	34.6	39.0	37.7	3.07
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.0	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.59
Shields	42.7	35.9	38.8	37.5	1.63
York	44.0	33.6	37.7	36.7	1.88
Ardrossan	45.2	26.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	30.2	42.0	40.5	2.90
Liverpool	44.9	30.4	39.6	38.0	1.85
Valencia	50.1	43.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.95
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.09
Cambridge	46.0	23.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

*Note* — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





**REMARKS.**  
for *Monday 15<sup>th</sup> February* 1886 at 8 a.m.

The depression which lay over Scotland yesterday, has travelled away to the northward, while the subsidiary disturbance has dispersed; and a brisk rise of the barometer has taken place over the whole Kingdom. Pressure is still highest in Sweden, but an area of relatively high readings extends westwards over the North Sea and the greater part of our Islands. In France, however, the barometer is falling, and a depression is now shown over the Bay of Biscay. Light SW<sup>ly</sup> breezes prevail on our northern coasts and variable airs at the more central stations, but over the Channel and north of France the wind is freshening from the eastward. Rain is falling at some of our southern stations, and overcast skies are reported in Scandinavia and Denmark, but elsewhere the weather is fair, with, however, fog in the north of England. A little rain fell yesterday in most parts of the Kingdom. Temperature has risen in France, but fallen in our Islands, — considerably at our northeastern and central stations; readings over the United Kingdom now range from 41° at Scilly, Dungeness and Jersey to 23° at Loughborough. Sharp frost occurred last night over Central England. The sea is rather rough at Scilly, moderate to smooth elsewhere.

The depression over the Bay of Biscay seems likely to occasion a considerable increase of wind from the E<sup>ly</sup> on the Channel coasts.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 13<sup>th</sup> Inst. a fresh gale from E. shifting to SW. was experienced in Lat 40° N. Long 73° W. the barometer at 8 am falling to a minimum of 29.5 ins.

**FORECASTS**

for the 24 hours ending at NOON on *16<sup>th</sup> February* 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	W <sup>ly</sup> or SW <sup>ly</sup> winds, light, fair, cold.	6 { SCOTLAND WEST	E <sup>ly</sup> and SE <sup>ly</sup> winds, light or moderate; fair generally.
1 { SCOTLAND EAST	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	7 { ENGLAND N.W.	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
2 { ENGLAND N.E.	Variable airs, finally E <sup>ly</sup> ; fair, cold, local fogs.	8 { ENGLAND S.W.	E <sup>ly</sup> winds, strong to a gale; cloudy, some rain.
3 { ENGLAND EAST	E <sup>ly</sup> winds, freshening; fair generally.	9 { IRELAND NORTH	Same as No 2
4 { MIDLAND COUNTIES	Same as No 2	10 { IRELAND SOUTH	E <sup>ly</sup> and NE <sup>ly</sup> winds, moderate; fair generally.
5 { ENGLAND SOUTH	E <sup>ly</sup> winds, freshening considerably; cloudy, some rain.	WARNINGS	The north cone has been hoisted this morning in parts of districts 5 and 8.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skidgawee	29.86	55	52	ESE	8	0	5	Holyhead					
Sumbugh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rocheport	29.94	47	43	SSE	4
Behnullet							*					0	2

## SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD.

FROM THE 7<sup>TH</sup> TO THE 13<sup>TH</sup> FEBRUARY 1886.

The weather during this period has been generally changeable and showery on our western coasts, but in the more eastern parts of the Kingdom the earlier part of the week was dry and cold.

From the 7<sup>th</sup> till the 10<sup>th</sup> the distribution of pressure was anticyclonic in the east and south, but cyclonic in the west and north. The main portion of the high-pressure system lay over Central Europe, whence an arm extended over the southeast and south of England; and within this area light variable breezes with very cold foggy weather were general. In the west and north, however, conditions were affected by some depressions travelling in a northeasterly direction outside the Irish and Scotch coasts; and on Sunday the 7<sup>th</sup>, when the most important disturbance passed along, a fresh southerly gale was experienced in the north and east of Scotland.

During the 10<sup>th</sup> and 11<sup>th</sup> the band of high-pressure over England gradually broke up and as it did so, light S.W. and S.E. breezes with showery and milder weather extended over the whole Kingdom. No very decided depressions, however, were observed until the 13<sup>th</sup>, when a large disturbance appeared off our northern coasts, while some "V shaped" secondary systems advanced over Ireland. At the close of the week both the main and the subsidiary depressions were inclined to move eastwards and the S.W. winds were freshening at the English stations.

The lowest temperatures recorded over England during the week occurred on the night of the 9<sup>th</sup>, when the thermometer fell to 19° at Cambridge, to 22° in London and to 23° at Hurst Castle and Offord.



# DAILY WEATHER REPORT

for *Tuesday 16<sup>th</sup> February 1886.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

Issued by the Meteorological Office, No. 1, Abchurch Lane, London, E.C. 4.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.			
Haparanda	30.12	23	S	6	n	30.14	+0.5	21	21	-2.	S	2	b	*	23	19	0.16	
Hernösand	30.13	29	SSW	4	c	30.33	+1.2	10	10	-18	Z	0	b	*	30	?	-	
Stockholm	30.27	29	Z	0	o	30.35	+1.0	27	26	-3	Z	0	o	*	32	27	-	
Wisby	30.22	27	ESE	4	o	30.25	+0.1	26	25	-2	E	4	o	*	30	25	-	
Bodö	29.75	33	ESE	4	bc	29.69	-0.09	26	34	+1	SW	9	h	*	?	30	0.12	
Christiansund	30.02	37	SW	6	c	30.21	+4.2	31	30	-10	SE	1	b	5	41	28	0.04	
Skudesnaes	30.20	37	S	7	c	30.23	+2.3	35	32	-2	ESE	4	o	5	39	?	-	
Oxö (Xtiansund)	30.25	?	SE	1	bc	30.28	+1.7	29	27	-3	NNE	5	o	2	34	27	-	
Skagen (The Skaw)	30.25	32	Z	0	o	30.26	+1.1	31	30	0	E	2	o	0	32	30	-	
Fanö	30.21	31	ENE	4	o	30.18	+0.7	28	28	-1	E	4	o	*	32	28	-	
Cuxhaven	30.16	32	E	2	o	30.16	+0.4	27	27	-4	E	5	*	*	32	24	-	
Sumburgh Head	30.09	37	NNE	1	c	30.16	+3.1	31	30	-6	N	3	c	2	41	29	0.03	
Stornoway	30.09	35	NNE	2	b	30.15	+2.1	35	35	+5	ESE	3	cg	2	43	29	0.08	
Wick	30.08	35	Z	0	bc	30.16	+1.8	35	34	+1	E	1	bc	1	38	26	-	
Nairn	30.10	33	SW	1	c	30.14	+1.7	25	25	-8	SW	1	b	1	38	23	-	
Aberdeen	30.11	36	SW	1	c	30.15	+1.4	29	28	-1	WSW	1	bc	1	43	29	-	
Leith	30.13	37	NNE	1	m	30.11	+0.9	33	33	+2	SE	1	c	*	41	30	-	
Shields	30.11	39	SE	1	bm	30.10	+0.4	39	36	+6	E	1	sm	2	42	33	-	
Spurn Head	30.08	38	ESE	4	c	30.03	-0.3	37	36	+6	E	4	pgm	4	42	31	-	
York	30.11	39	ENE	1	o	30.08	-0.2	36	35	+7	ESE	1	f	*	45	28	0.01	
Loughborough	30.08	36	ENE	2	o	30.04	-0.4	35	34	+12	ENE	2	o	*	44	23	0.03	
Ardsrossan	30.10	40	Z	0	o	30.11	+0.9	34	33	-4	NNE	2	cwm	1	45	32	-	
Malin Head	30.09	38	NNE	2	o	30.11	+1.3	38	37	+2	NNE	3	cp	3	42	36	0.02	
Mullaghmore	30.07	40	N	2	c	30.09	+1.0	33	33	-5	ESE	2	cm	2	42	29	-	
Belmullet	30.08	40	ENE	3	o	30.10	+1.0	34	33	-4	ENE	1	og	*	41	34	0.04	
Donaghadee	30.10	40	SW	1	bc	30.09	+0.6	38	36	+9	E	4	c	2	44	28	-	
Barrow-in-Furness	30.07	39	NNE	2	b	30.06	+0.1	35	33	+1	NNE	2	bc	*	45	34	-	
Liverpool (Bidston)	30.07	39	E	2	o	30.03	-0.2	36	35	+5	ENE	3	of	2	41	31	0.03	
Holyhead	30.04	40	ENE	2	o	30.01	-0.0	37	37	+2	ENE	4	sm	2	44	35	0.01	
Parsonstown	30.04	39	Z	0	o	30.05	+0.2	34	33	+6	Z	0	h	*	44	26	0.02	
Valencia	30.00	41	NNE	3	b	30.00	+0.2	37	36	+4	NNE	3	ogm	3	47	33	-	
Roche's Point	29.97	41	E	3	c	29.95	-0.1	37	37	+4	NNE	3	hm	4	46	33	0.08	
Pembroke	29.95	38	NNE	5	m	29.93	-1.0	37	36	+4	ENE	3	cg	2	39	32	0.02	
Seilly	29.81	45	ENE	6	sm	29.81	-0.4	43	42	+2	E	6	o	5	46	40	0.06	
Prawle Point	29.87	43	ENE	5	o	29.88	-0.2	38	37	-2	ENE	5	og	5	44	36	-	
Hurst Castle	29.93	41	ENE	5	m	29.91	-0.4	36	35	-3	ENE	6	o	4	44	35	0.01	
Dungeness	29.96	41	E	4	bc	29.91	-0.6	35	35	-6	E	5	o	3	50	34	-	
London	30.01	39	E	2	o	29.96	-0.5	34	33	-4	ENE	3	og	*	41	34	0.05	
Oxford	30.02	37	N	2	n	29.99	-0.5	34	33	+5	NNE	4	og	*	38	29	0.10	
Cambridge	30.05	37	NNE	1	o	30.02	-0.5	33	33	+4	NNE	1	o	*	41	28	0.01	
Yarmouth	30.07	37	ENE	4	og	30.03	-0.2	34	33	-3	E	5	og	4	38	32	0.01	
The Helder	30.11	33	ENE	4	o	30.04	-0.2	31	30	-2	E	3	f	2	34	30	-	
Cape Gris Nez																		
Jersey	29.83	43	ENE	4	ogm	29.82	-0.5	40	40	-1	ENE	3	sm	3	45	39	-	
Brest	29.74	45	NNE	5	n	29.75	-0.3	44	41	+3	ESE	4	h	4	50	39	-	
Lorient																		
Rochefort	29.77	45	E	5	n	29.77	-0.4	42	41	+1	E	5	n	3	50	36	-	
Biarritz	29.80	49	ESE	4	o	29.81	-0.4	44	42	+3	ENE	4	n	2	54	30	0.04	
Corunna	29.70	55	WSW	4	*	29.76	+0.7	53	46	-1	ENE	4	c	1	59	50	0.04	
Brussels	*	*	*	*	*	29.98	-0.5	29	?	-5	SSW	1	f	*	40	29	-	
Charleville	29.03	40	SE	1	b	29.95	-0.6	28	28	+2	SE	1	o	*	45	?	-	
Paris	29.91	44	NNE	4	b	29.89	-0.9	38	36	+1	SE	3	b	*	*	*	-	
Lyons	29.92	45	S	4	b	29.95	-0.5	36	34	+3	ENE	1	c	*	51	?	-	
Toulon	29.49	44	E	5	o	29.99	-0.3	43	42	+1	E	5	n	3	48	41	0.12	

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden.

Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

† These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

for 8 a.m. on Tuesday, 16<sup>th</sup> February 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

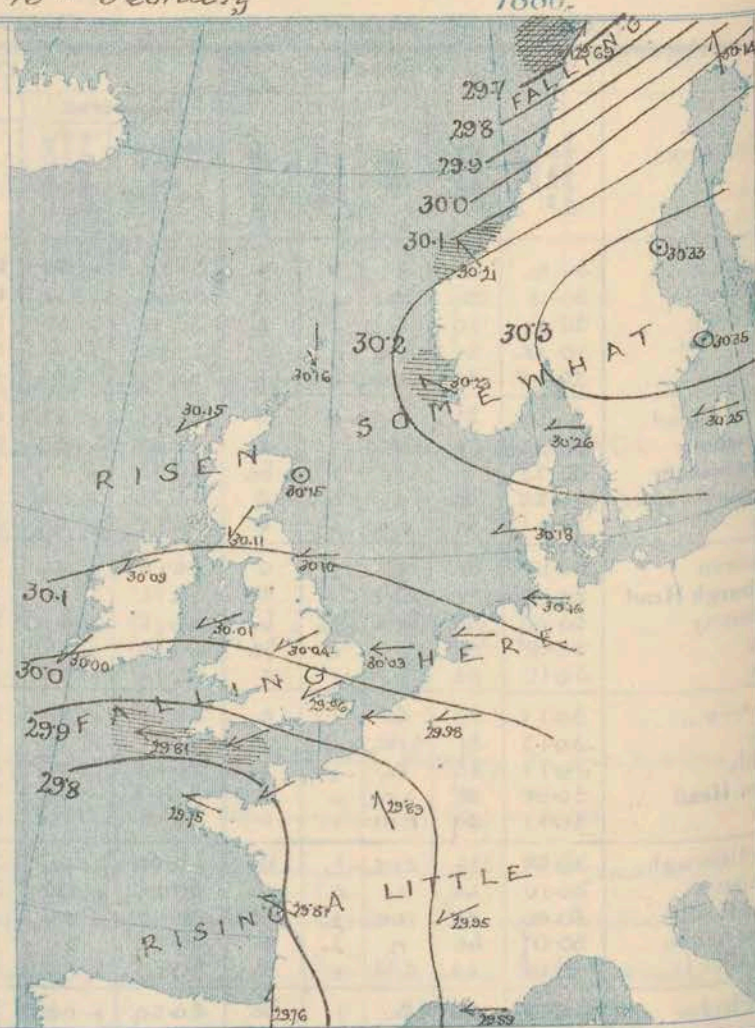
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces 1 to 4;  
 ○ — dead calm.

**Sea Disturbance** — where considerable is shown thus  
 — Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.731
Stornoway	29.729
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Hurst Castle	29.935
Dover	29.946
LONDON	29.941
Oxford	29.934
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## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

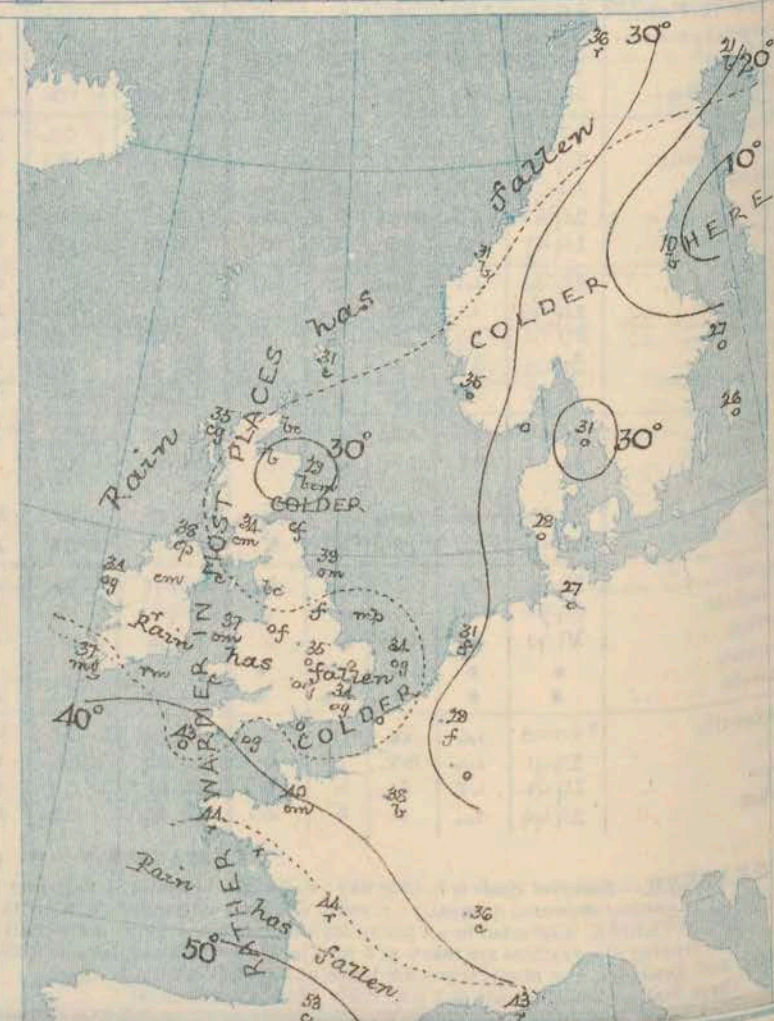
**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather** — is shown by Letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	42.1	34.8	39.0	37.7	3.97
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	45.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.58
Shields	43.7	35.9	38.8	37.5	1.63
York	44.9	33.0	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.84
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	49.7	45.1	2.98
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	45.4	35.4	39.3	38.2	1.89
Oxford	46.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Tuesday 16<sup>th</sup> February.

1886 at 8 a.m.

The barometer is now falling a little over Ireland and the Netherlands, but rising in most other parts of Western Europe. Pressure is still highest over Scandinavia and relatively high over the north of our Islands, with a depression over the Bay of Biscay, and a new disturbance near Rodé. A strong S.W. gale is blowing in the north of Norway, and moderate S.E.<sup>3</sup> breezes in France, but elsewhere the wind varies between E. and N.E., and although light or moderate in force on our northern coasts it blows strongly in the south. The weather is fine in the north of Sweden, and also in the northern parts of the United Kingdom, but cloudy or overcast elsewhere with fog or mist in many places, and rain in the south of Ireland and west of France. Temperature has risen a little at most of our western stations, as well as in the north of England and west of France, but fallen elsewhere, readings over our islands now range from 43° at Scilly to 25° at Harbin. Sharp frost occurred last night in Scotland, and slight frost in many other parts of the Kingdom. The sea is rather rough at the mouth of the Channel, moderate to smooth elsewhere.

No important change in the weather is likely at present.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that:—

- (1) on the 13<sup>th</sup> inst. in Lat 40° N. Long 69° W. during a fresh gale from S.E. veering to S.W. the barometer at 4 am fell to 29.4 ins.
- (2) on the 14<sup>th</sup> inst. in Lat 42° N. Long 70° W — do — do — do — S.W. — " — " — " — 29.6 ins.

# FORECASTS

for the 24 hours ending at NOON on 17<sup>th</sup> February 1886.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Light breezes, chiefly E <sup>3</sup> ; fair generally.	6 { SCOTLAND WEST	Same as No 0
1 { SCOTLAND EAST	----- D <sup>2</sup> ----- D <sup>2</sup> ----- D <sup>2</sup> -----	7 { ENGLAND N.W.	E <sup>2</sup> winds, moderate; fair to cloudy and some rain.
2 { ENGLAND N.E.	E <sup>2</sup> winds, moderate or fresh; dull, some rain.	8 { ENGLAND S.W.	E <sup>2</sup> or NE <sup>2</sup> winds, strong, perhaps a gale; dull, some rain.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	E <sup>2</sup> winds, freshening; dull, some rain.
4 { MIDLAND COUNTIES	Same as No 2	10 { IRELAND SOUTH	E <sup>2</sup> and NE <sup>2</sup> winds, moderate; dull, some rain.
5 { ENGLAND SOUTH	E <sup>2</sup> winds, fresh or strong; dull, some rain.	WARNINGS	The north cone is still flying in parts of districts 5 and 8.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	30.13	39	37	SSE	6	c	Holyhead	30.04	43	39	ESE	1	bcm	2
Sumburgh Head	30.10	40	37	NNE	1	c	Valencia	29.99	45	41	ESE	3	br	3
Stornoway	30.04	43	41	SW	2	bc	Scilly	29.83	46	44	E	6	om	5
Aberdeen	30.08	40	38	SW	1	b	Dungeness	29.97	43	42	E	4	c	3
Shields	30.10	42	39	E	2	b	London	30.01	41	41	E	3	gfd	*
Ardrossan	30.08	45	42	2	0	c	Yarmouth	30.08	38	37	ESE	4	ogm	4
Malin Head	30.08	40	39	E	2	c	Jersey	29.88	45	44	ESE	3	c	3
Mullaghmore	30.05	40	39	NNE	4	c	Rockefort	29.81	49	46	SE	5	0	2
Belmullet	30.06	41	40	NNE	3	0								

## REMARKS.

The barometer continues to fall slowly at Scilly and Rockefort, but is rising elsewhere. No important change has taken place in the winds or weather. Drizzling rain is falling in London. The sea is rather rough at Scilly, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Wednesday* 17<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12.)		Weather.	Max.		Min.	
Haparanda	30.31	21	SW	4	b	30.51	+ .37	7	7	- 14	S	2	0	*	27	?	-	
Hernösand	30.45	18	Z	0	o	30.48	+ .15	27	26	+ 17	SE	2	0	*	30	10	-	
Stockholm	30.36	28	SE	2	o	30.38	+ .03	28	27	+ 1	E	2	0	*	32	25	-	
Wisby	30.28	27	SE	4	o	30.27	+ .02	22	21	- 4	E	4	6	*	30	?	-	
Bodo	30.27	34	WSTH	4	b	30.27	+ .58	27	24	- 9	ENE	4	6	2	36	25	0.08	
Christiansund	30.20	35	ESE	3	o	30.16	- .05	35	34	+ 4	SSW	1	6	4	36	27	-	
Skudesnaes	30.22	33	SSE	4	o	30.23	.00	32	29	- 3	SE	2	0	4	?	32	-	
Oxö (Xtiansund)	30.23	28	ENE	6	s	30.22	- .05	28	27	- 1	NNE	4	0	2	30	27	-	
Skagen (The Skaw)	30.20	29	SE	3	o	30.23	- .03	27	26	- 4	SE	3	0	1	32	27	-	
Faro	30.09	27	ENE	4	o	30.09	- .09	28	27	0	ENE	4	0	*	28	27	-	
Cuxhaven	30.12	27	SE	3	o	30.06	- .10	28	28	+ 1	ESE	3	0	*	?	27	-	
Sumburgh Head	30.15	36	ENE	3	b	30.16	.00	34	33	+ 3	Z	0	6	1	38	30	0.01	
Stornoway	30.13	34	NE	2	b	30.14	- .01	29	29	- 6	N	1	6	1	42	27	-	
Wick	30.12	35	E	2	b	30.16	.00	33	30	- 2	NW	1	6	0	40	30	0.13	
Nairn	30.12	34	Z	0	o	30.14	.00	28	26	+ 3	S	1	0	2	35	23	0.02	
Aberdeen	30.12	36	NNW	2	o	30.13	- .02	32	31	+ 3	NNW	4	0	2	39	28	0.03	
Leith	30.09	37	SE	1	o	30.10	- .01	35	34	+ 2	NNE	1	6	*	38	32	0.05	
Shields	30.05	38	NE	2	o	30.06	- .04	37	36	- 2	ENE	1	0	3	40	35	0.01	
Spurn Head	29.99	36	E	4	o	29.99	- .04	34	34	- 3	NE	3	0	5	37	33	0.02	
York	30.03	36	NNE	1	m	30.04	- .04	34	33	- 2	NNE	1	0	*	39	33	0.02	
Loughborough	30.00	34	ENE	3	o	30.01	- .03	34	33	- 1	ENE	2	0	2	36	33	-	
Androssan	30.08	36	NE	1	o	30.10	- .01	35	33	+ 1	NE	1	0	1	39	32	-	
Malin Head	30.07	38	NE	4	b	30.09	- .02	38	36	0	E	3	0	3	41	36	-	
Mullaghmore	30.05	40	NE	5	b	30.08	- .01	34	33	+ 1	ENE	3	0	2	42	33	-	
Belmullet	30.07	39	ENE	4	b	30.07	- .03	34	33	0	E	2	0	*	43	33	-	
Donaghadee	30.06	40	ESE	3	o	30.07	- .02	39	36	+ 1	E	5	6	3	40	37	-	
Barrow-in-Furness	30.04	37	NE	2	b	30.02	- .04	36	35	+ 1	NE	3	0	*	40	34	-	
Liverpool (Bidston)	30.00	37	E	2	o	30.03	.00	34	32	- 2	ENE	1	0	2	38	34	-	
Holyhead	29.98	38	ENE	4	o	30.01	.00	36	34	- 1	ENE	3	0	2	40	34	0.01	
Parsonstown	30.01	39	NE	1	o	30.04	- .01	35	35	+ 1	Z	0	0	*	39	33	-	
Valencia	29.95	39	NE	3	o	30.00	.00	39	37	+ 2	NE	2	0	2	41	36	-	
Roche's Point	29.93	40	NE	3	o	29.96	+ .01	38	37	+ 1	NE	3	0	4	42	36	0.01	
Pembroke	29.92	38	ENE	2	o	29.96	+ .03	35	34	- 2	ENE	2	0	1	40	35	-	
Seilly	29.82	42	ENE	5	o	29.88	+ .07	40	39	- 3	ENE	3	0	4	44	38	0.07	
Prawle Point	29.86	37	ENE	4	o	29.91	+ .03	35	35	- 3	NE	4	0	4	38	34	0.01	
Hurst Castle	29.88	36	ENE	5	m	29.92	+ .01	35	35	- 1	ENE	4	0	4	41	34	-	
Dungeness	29.86	35	E	5	o	29.90	- .01	37	37	+ 2	E	4	0	3	37	34	-	
London	29.94	35	E	3	o	29.96	.00	33	33	- 1	E	3	0	3	36	33	-	
Oxford	29.96	32	NE	3	o	29.99	.00	32	32	- 2	NE	3	0	3	34	32	-	
Cambridge	29.99	33	NE	1	o	30.00	- .02	33	32	0	E	1	0	*	34	3	-	
Yarmouth	29.97	34	ENE	4	o	29.99	- .04	34	33	0	ENE	2	0	4	34	31	-	
The Helder	29.99	30	E	1	o	29.99	- .05	29	29	- 2	E	1	0	1	30	28	-	
Cape Gris Nez	29.80	40	NE	3	o	29.83	+ .01	40	40	0	NE	3	0	3	42	39	-	
Jersey	29.76	43	E	5	m	29.80	+ .05	39	39	- 5	E	4	0	3	50	37	-	
Brest	29.77	45	ESE	3	b	29.82	+ .05	38	38	- 4	E	4	0	2	52	34	-	
Lorient	29.80	48	SSE	3	o	29.83	+ .02	39	38	- 5	ENE	3	0	2	?	34	0.08	
Chochofort	29.75	53	NE	4	b	29.73	- .03	41	39	- 12	ESE	3	0	0	57	39	-	
Corunna	*	*	*	*	*	29.93	- .05	30	30	+ 1	E	3	0	*	36	30	-	
Brussels	*	*	*	*	*	29.93	- .05	30	30	+ 1	E	3	0	*	36	30	-	
Charleville	29.93	35	SE	1	b	29.93	- .02	35	35	+ 7	S	1	0	*	40	?	-	
Paris	29.88	48	SE	4	o	29.90	+ .01	40	37	+ 2	NE	4	0	*	?	?	-	
Lyons	29.89	46	E	3	o	29.90	- .05	?	37	?	NNW	?	?	*	51	36	-	
Toulon	29.94	44	E	7	T	29.83	- .16	44	43	+ 1	E	5	0	3	46	43	0.43	

## EXPLANATION OF COLUMNS.

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.  
 † The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER

# CHARTS

for 8 a.m. on Wednesday, 17<sup>th</sup> February, 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

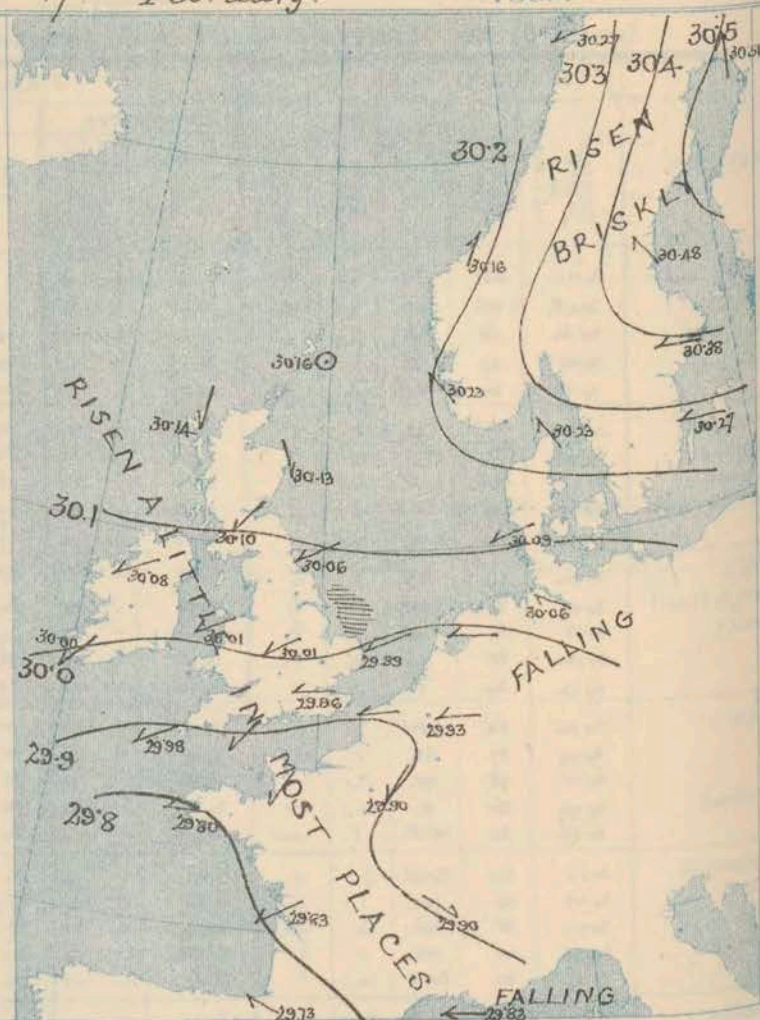
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 — = forces above 10 — = forces 8 to 10  
 — = forces 5 to 7 — = forces 1 to 4  
 ○ = dead calm.

**Sea Disturbance** — where considerable is shown thus  
 — = Rough — = High

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.940
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920





# REMARKS.

for Wednesday 17<sup>th</sup> February 1886 at 8 a.m.

The distribution of pressure is very similar to that of yesterday, but the depression which then lay near Bodø has disappeared, and a brisk rise of the barometer has taken place in the north of Scandinavia, while a less decided rise is reported in most other parts of western Europe. At Cuxhaven, however, a slight fall has taken place since last evening. Variable or NW<sup>ly</sup> airs prevail in Scotland, but elsewhere the wind is light or moderate from the E<sup>nd</sup> or NE<sup>nd</sup>. The weather is fair at most of our northern and northwestern stations as well as in the west and south of France, but dull elsewhere, with mist or fog in many places and slight snow at Aberdeen. Since yesterday rain, hail or snow has fallen in the north of our Islands and also in the extreme southwest. Temperature has changed rather irregularly and is still low generally, readings over our Islands ranging from 40° at Lundy and Jersey to 28° at Cairn. Frost occurred last night in many parts of the Kingdom. The sea is rather rough at Spurn Head, moderate to smooth elsewhere.

There is no sign of any decided change in the weather, but the slight fall of the barometer noticed at Cuxhaven may possibly indicate the advance of a depression from the eastward.

## FORECASTS

for the 24 hours ending at NOON on 18<sup>th</sup> February 1886.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

1 { SCOTLAND  
NORTH

Variable or E<sup>ly</sup> airs; fair generally.

2 { SCOTLAND  
EAST

----- D° ----- D° -----

3 { ENGLAND  
N.E.

NE<sup>ly</sup> winds, moderate or fresh; dull, some cold rain or sleet.

4 { ENGLAND  
EAST

----- D° ----- D° -----

5 { MIDLAND  
COUNTIES

Same as N° 5.

6 { ENGLAND  
SOUTH

E<sup>ly</sup> to NE<sup>ly</sup> winds, moderate; dull, misty, some cold rain or sleet.

6 { SCOTLAND  
WEST

Same as N° 5 O. and I.

7 { ENGLAND  
N.W.

E<sup>ly</sup> and NE<sup>ly</sup> winds, moderate; dull, some mist or fog.

8 { ENGLAND  
S.W.

----- D° ----- D° -----

9 { IRELAND  
NORTH

E<sup>ly</sup> and NE<sup>ly</sup> winds, moderate; fair generally.

10 { IRELAND  
SOUTH

----- D° ----- D° -----

### WARNINGS

None issued.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.24	34	31	S	6	d	4	Holyhead	30.00	40	38	ENE	4	om	3
Sumburgh Head	30.46	37	35	ENE	2	bc	2	Valencia	29.97	39	38	NE	5	om	4
Stornoway	30.14	41	40	NE	4	b	3	Scilly	29.88	44	42	E	6	om	5
Aberdeen	30.12	38	36	NNE	1	bc	1	Dungeness	29.87	36	36	E	5	o	3
Shields	30.07	40	37	ENE	2	o	3	London	29.94	36	35	ENE	3	omg	*
Ardrossan	30.09	39	38	NE	1	c	1	Yarmouth	29.99	34	33	E	4	og	4
Malin Head	30.07	39	37	NE	3	bc	3	Jersey	29.79	42	41	ENE	4	c	3
Mullaghmore	30.07	41	39	ENE	4	bc	3	Rocheport	29.81	51	49	SE	3	o	2
Belmullet	30.08	43	40	ENE	2	b	*								

## REMARKS.

The barometer is rising, a little at Scilly, but falling in most other places. E<sup>3</sup> winds continue to prevail generally, with fine weather on our northern coasts, but dull misty weather in the SE. The sea is rather rough at Scilly, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for. Thursday — 18<sup>th</sup> February 1886.

*Issued by the Meteorological Office, 116, Victoria Street, London, R. M. SCOTT, Secretary.*

Issued by the Meteorological Office, 16, MAINTA STREET, LONDON, W. at 11 A.M. on the day.																
† YESTERDAY EVENING.							8 A.M. TO DAY.							PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.	
Haparanda	30.55	20	S	2	0	30.52	+ 01	10	10	+ 3	EHE	2	0	27	5	-
Hernösand	30.51	25	Z	0	0	30.57	+ 09	25	24	- 2	Z	0	0	28	18	-
Stockholm	30.35	27	S	2	0	30.42	+ 04	25	23	- 3	Z	0	0	32	25	-
Wibby	30.25	23	ESE	4	0	30.30	+ 03	24	23	+ 2	ESE	4	0	28	19	0.04
Bodo	30.32	28	ESE	2	0	30.19	- 08	38	35	+ 11	SEW	4	0	?	25	-
Christiansund	30.28	33	SE	2	bc	30.41	+ 25	36	32	+ 1	S	2	0	37	28	-
Skudesnaes	30.33	31	Z	0	0	30.45	+ 22	32	32	- 4	SSE	4	0	3	30	-
Oxö (Åtlandsund)	30.32	28	NHE	4	0	30.42	+ 19	27	26	- 1	NHE	4	0	2	30	-
Skagen (The Skaw)	30.27	29	ESE	3	0	30.38	+ 15	26	25	- 1	E	3	0	1	36	-
Panö	30.21	28	E	4	0	30.30	+ 21	26	25	- 2	NHE	4	0	28	25	-
Cuxhaven	30.11	27	ESE	5	0	30.24	+ 18	27	27	- 1	E	3	0	?	27	-
Sumburgh Head	30.27	36	Z	0	bc	30.43	+ 27	34	31	0	Z	0	0	41	36	-
Stornoway	30.26	36	N	1	b	30.40	+ 26	31	30	+ 2	ESE	3	0	44	26	-
Wick	30.28	35	E	1	bc	30.44	+ 28	36	34	+ 3	E	1	0	44	29	0.02
Nairn	30.25	34	S	1	C	30.40	+ 26	33	32	+ 5	Z	0	0	35	27	-
Aberdeen	30.23	35	NHE	3	bc	30.39	+ 26	36	35	+ 4	E	4	0	38	31	0.13
Leith	30.19	38	E	1	A	30.32	+ 22	35	35	0	E	2	0	38	33	0.12
Shields	30.15	37	NHE	2	odp	30.26	+ 20	36	36	- 1	NHE	1	0	38	35	0.07
Spurn Head	30.07	36	EHE	3	C	30.17	+ 18	35	34	+ 1	EHE	4	0	36	34	0.02
York	30.10	37	E	1	m	30.24	+ 20	34	34	0	E	1	0	38	33	0.07
Loughborough	30.06	34	NHE	1	0	30.18	+ 17	34	33	0	NHE	2	0	35	33	0.01
Ardrrossan	30.18	37	EHE	1	om	30.32	+ 22	36	35	+ 1	NHE	3	0	40	34	-
Malin Head	30.18	38	NHE	4	b	30.29	+ 20	38	35	0	EHE	4	0	41	36	-
Millaghmore	30.15	40	EHE	4	0	30.27	+ 19	37	35	+ 3	EHE	4	0	42	34	-
Belmullet	30.16	40	E	3	b	30.25	+ 18	36	35	+ 2	ESE	4	0	42	33	-
Donaghadee	30.17	40	EHE	3	C	30.27	+ 20	38	36	- 1	EHE	5	0	41	37	-
Barrow-in-Furness	30.10	38	NHE	3	0	30.21	+ 19	37	36	+ 1	NHE	3	0	39	35	-
Liverpool (Bidston)	30.10	37	EHE	2	0	30.21	+ 18	36	34	+ 2	EHE	1	0	37	34	-
Holyhead	30.09	38	EHE	4	om	30.21	+ 20	38	37	+ 2	EHE	4	0	39	35	-
Parsonstown	30.12	37	Z	0	0	30.23	+ 19	36	35	+ 1	EHE	1	0	38	35	-
Valencia	30.08	40	NHE	3	omg	30.16	+ 16	39	37	0	NHE	2	0	42	38	-
Roche's Point	30.03	38	NHE	3	m	30.14	+ 18	39	37	+ 1	NHE	3	0	41	37	-
Pembroke	30.03	38	EHE	2	m	30.14	+ 18	36	34	+ 1	EHE	2	0	39	35	-
Scilly	29.95	42	EHE	2	om	30.05	+ 17	41	40	+ 1	EHE	3	0	42	39	-
Prawle Point	29.98	35	NHE	4	0	30.09	+ 18	35	34	0	NHE	4	0	36	33	-
Hurst Castle	30.00	37	EHE	5	f	30.11	+ 19	35	34	0	NHE	4	0	41	33	-
Dungeness	29.96	39	E	4	0	30.04	+ 14	38	37	+ 1	EHE	5	0	39	36	-
London	30.05	35	EHE	3	og	30.12	+ 16	34	34	+ 1	E	2	0	37	33	-
Oxford	30.09	33	NHE	1	0	30.15	+ 16	34	32	+ 2	NHE	1	0	34	32	-
Cambridge	30.08	34	NHE	1	0	30.18	+ 18	34	34	+ 1	N	1	0	35	31	-
Yarmouth	30.05	34	NHE	3	og	30.15	+ 16	35	34	+ 1	EHE	4	0	35	32	-
The Helder	30.08	30	NHE	1	0	30.17	+ 18	28	27	- 1	EHE	4	0	30	25	-
Cape Gris Nez																
Jersey	29.91	42	NHE	4	om	30.02	+ 19	40	40	0	EHE	4	0	43	39	0.01
Brest	29.89	45	EHE	4	m	29.97	+ 17	41	?	+ 2	NHE	5	0	46	39	-
Lorient	29.88	47	E	3	0	29.97	+ 15	43	42	+ 5	EHE	3	0	50	34	-
Rocheport	29.90	49	NHE	1	b	29.98	+ 15	42	41	+ 3	ESE	4	0	54	34	-
Barritz	29.76	51	EHE	4	b	29.87	+ 14	47	46	+ 6	WHE	3	0	59	39	-
Corunna	*	*	*	*	*											
Brussels	*	*	*	*	*	30.14	+ 21	30	30	0	NHE	3	0	40	28	-
Charleville																
Paris	29.92	38	S	1	b	30.01	+ 08	33	32	- 2	NHE	1	0	46	32	-
Lyons	29.93	34	E	4	bc	30.05	+ 15	39	37	- 1	NHE	4	0	55	34	-
Toulon	29.89	47	EHE	1	b	30.00	+ 10	35	34	?	N	3	0	55	34	-
	29.82	46	E	8	C	29.87	+ 04	46	45	+ 2	E	8	0	52	?	-

EXPLANATION OF COLUMNS:

EXPLANATION OF COLUMNS:

**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) or overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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The evening observations are taken at 6 p.m. in France and our Islands and Denmark, the observations are taken at 8 p.m. (Christiania time).

These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred\* Dangersfield Talk London



## 1886.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

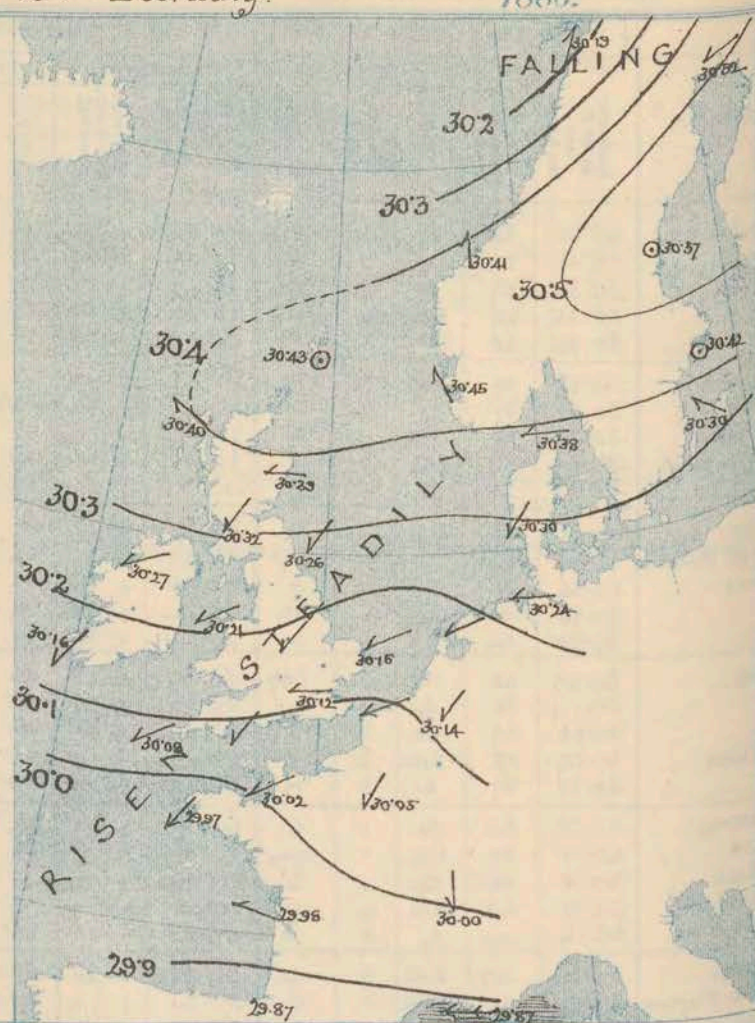
Wind — Arrows show the prevalent winds. They fly with the wind and their bars and feathers refer to force, thus —

→ = forces above 10; →→ = forces 8 to 10;  
→ = forces 5 to 7; → = forces 3 to 4;  
⊙ = dead calm.

Sea Disturbance— where considerable, is shewn thus

at 8 a.m. for the month of February  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	<i>fms.</i>
Sumburgh Head	29 · 731
Stornoway	29 · 729
Wick	29 · 756
Nairn	29 · 773
Aberdeen	29 · 793
Leith	29 · 821
Shields	29 · 857
York	29 · 886
Ardrossan	29 · 927
Dunghaddee	29 · 929
Holyhead	29 · 956
Liverpool	29 · 982
Valencia	29 · 970
Roche's Point	29 · 967
Pembroke	29 · 987
Scilly	29 · 925
Hurst Castle	29 · 938
Dover	29 · 946
LONDON	29 · 941
Oxford	29 · 934
Cambridge	29 · 930
Yarmouth	29 · 920



TEMPERATURE, & WEATHER at 8 A.M.,  
with RAINFALL in PAST 24 HOURS.

Temperature— Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather is shown by Letters of the Beaufort Scale.

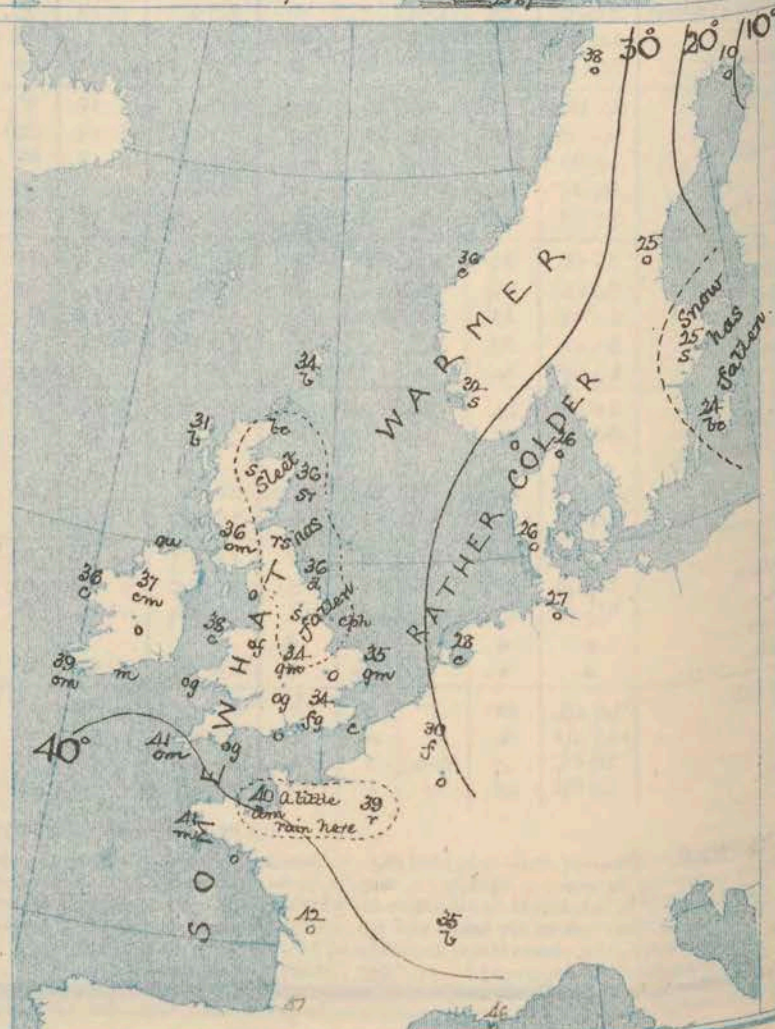
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

for the month of February

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sunburgh Head	42·5	34·5	38·4	37·0	3·29
Stornoway	43·1	34·6	39·0	37·7	3·07
Wick	43·3	33·3	38·3	36·8	2·02
Nairn	43·0	33·9	37·2	35·4	1·51
Aberdeen	42·5	34·2	37·5	35·9	2·51
Leith	46·5	34·4	38·9	37·6	1·55
Shields	43·7	35·9	38·8	37·5	1·63
York	44·9	33·6	37·7	36·7	1·88
Ardrossan	45·2	36·7	39·9	38·1	3·47
Donaghadee	45·4	37·1	40·6	39·6	2·71
Holyhead	46·1	39·2	42·0	40·5	2·90
Liverpool	44·9	36·4	39·8	38·0	1·85
Valencia	50·1	41·0	45·2	43·4	5·23
Roche's Point	48·4	40·0	43·6	42·1	4·86
Pembroke	46·1	40·0	42·8	41·5	3·20
Silly	49·5	43·9	46·7	45·1	2·96
Hurst Castle	45·8	37·5	40·9	40·1	2·63
Dover	45·0	36·8	39·7	38·5	2·12
LONDON	46·4	35·4	39·8	38·2	1·89
Oxford	45·1	35·4	38·7	37·6	2·06
Cambridge	46·0	33·7	37·9	36·8	1·60
Yarmouth	42·9	34·7	38·5	37·9	2·02

NOTE.—The Temperature means are for the 10 years 1871–80, the Rainfall means are mainly those for the 20 years 1866–85.





# REMARKS.

for Thursday 18<sup>th</sup> February 1886 at 8 a.m.

Since yesterday morning, the distribution of pressure over Western Europe has undergone little change, readings being still highest over Scandinavia and lowest in the south of France. The barometer has, however, risen steadily at all stations excepting Haparanda and Bodö, where a fall has taken place during the night. The wind is S<sup>W</sup> or SW<sup>W</sup> in the west of Norway, but E<sup>W</sup> or NE<sup>W</sup> elsewhere; in force it is light or moderate in most places. The weather is fine on our extreme northern coasts, but cloudy, or overcast elsewhere, with fog or mist locally, and sleet or snow in the east of Scotland as well as at York. Temperature has fallen slightly in Denmark and the Netherlands, but risen elsewhere; readings now range from 41° at Scilly to 31° at Stromsø. Slight frost occurred last night in many parts of Great Britain. The sea is moderate to smooth.

There is at present no sign of any important change in the weather.

## FORECASTS

for the 24 hours ending at NOON on 19<sup>th</sup> February 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	E <sup>W</sup> winds, light or moderate; fair generally.	6 { SCOTLAND WEST	NE <sup>W</sup> winds, light; dull, some mist or fog.
1 { SCOTLAND EAST	E <sup>W</sup> winds, moderate; unsettled, some sleet.	7 { ENGLAND N.W.	-----D°-----D°-----D°-----
2 { ENGLAND N.E.	Same as No 5	8 { ENGLAND S.W.	E <sup>W</sup> and NE <sup>W</sup> winds, moderate; cloudy generally.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	E <sup>W</sup> and NE <sup>W</sup> winds, moderate; dull, misty, some cold rain or sleet.	WARNINGS NONE ISSUED.	



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	30.28	31	30	S	11	S	3	Holyhead	30.04	34	36	ESE	3	om	2
Sumburgh Head	30.20	39	36	ESE	1	bc	1	Valencia	30.03	41	39	NE	3	omg	4
Stornoway	30.19	44	41	ESE	2	b	1	Scilly	29.92	42	41	E	2	om	4
Aberdeen	30.17	37	36	N	3	CSPT	2	Dungeness	29.92	39	38	E	4	o	3
Shields	30.10	38	34	NE	1	a	3	London	29.99	37	36	ESE	2	omgpd	*
Ardrossan	30.13	40	37	NE	2	bc	1	Yarmouth	30.01	35	34	ESE	2	og	3
Malin Head	30.14	40	38	ESE	3	bc	2	Jersey	29.86	42	41	ESE	4	o	3
Mullaghmore	30.11	41	39	ESE	4	c	3	Rochefort	29.86	50	48	N	3	b	1
Belmullet	30.12	41	38	E	3	bc	*								

## REMARKS.

The barometer continues to rise slowly at all stations and very little change has occurred in the winds or weather. Sleet showers are falling at Aberdeen and drizzling at Shields and in London. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for Friday 19<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. SCOTT, Secretary.

Issued by the Meteorological Office, No. 1, Bedford Square, London, W.1, on the day.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda	30.61	15	Z	0	0	30.76	+ .24	14	14	+ 4	S	2	0	*	21	1	-	
Hernösand	30.70	25	Z	0	0	30.71	+ .14	22	21	- 3	N	2	0	*	28	?	-	
Stockholm	30.56	25	E	2	0	30.58	+ .16	23	23	- 2	NNE	2	0	*	30	23	0.08	
Wisby	30.41	28	ENE	4	0	30.41	+ .11	25	24	+ 1	E	4	6	*	30	21	-	
Bodö	30.49	35	WSW	2	0	30.49	+ .30	32	29	- 6	ENE	2	6	1	?	30	-	
Christiansund	30.47	35	ESE	2	6	30.35	- .06	31	28	- 5	Z	0	6	3	39	28	-	
†Skudesnaes	30.46	30	Z	0	e	30.39	- .06	30	26	- 2	E	6	0	4	36	30	-	
Öxö (Ktiansund)	30.47	26	NE	6	0	30.40	- .02	29	28	+ 2	ENE	8	m	4	?	?	-	
Skagen (The Skaw)	30.42	27	SE	4	0	30.41	+ .03	26	25	0	ESE	4	0	1	27	25	-	
Fanö	30.32	25	NE	4	0	30.25	- .05	30	29	+ 4	E	4	0	*	30	23	-	
Cuxhaven	30.28	29	ENE	2	0	30.24	- .00	27	27	0	ESE	3	0	*	29	25	-	
†Sumburgh Head	30.41	36	Z	0	6	30.22	- .21	34	33	0	SSW	4	0	4	41	31	0.04	
†Stornoway	30.34	37	ESE	4	og	30.08	- .32	36	35	+ 5	SE	4	og	4	42	30	0.01	
Wick	30.38	38	E	2	bc	30.15	- .29	35	34	- 1	S	3	oph	2	43	33	0.04	
Nairn	30.34	35	E	2	0	30.12	- .28	33	32	0	SE	1	3	1	36	30	0.01	
†Aberdeen	30.36	36	E	4	osh	30.18	- .21	32	32	- 3	SE	4	S	5	37	32	0.12	
Leith	30.29	37	E	2	0	30.12	- .20	32	32	- 3	SE	1	S	*	37	30	0.06	
†Shields	30.25	35	E	3	odhs	30.13	- .13	34	33	- 2	S	2	odhs	4	36	31	0.17	
Spurn Head	30.17	35	E	5	c	30.12	- .05	34	33	- 1	SE	4	cq	4	36	33	-	
York	30.23	33	NE	1	s	30.15	- .09	33	32	- 1	E	1	f	*	35	32	0.23	
Loughborough	30.18	34	ENE	3	0	30.14	- .04	31	30	- 3	ESE	2	ogm	*	36	31	-	
†Ardrossan	30.25	36	NE	3	om	30.11	- .21	38	32	- 3	ENE	1	om	0	39	32	-	
Malin Head	30.20	37	E	5	0	30.04	- .25	35	34	- 3	SSW	3	om	3	40	32	0.07	
Mullaghmore	30.18	39	E	5	om	30.04	- .23	38	35	+ 1	ESE	5	om	2	40	36	-	
Belmullet	30.18	40	ESE	3	0	30.04	- .21	36	35	0	SE	5	0	6	43	36	-	
Donaghadee	30.21	38	ESE	4	n	30.09	- .18	36	35	- 2	SSW	2	0	0	39	35	0.03	
Barrow-in-Furness	30.19	36	NE	2	0	30.12	- .09	33	32	- 4	SE	3	0	*	39	32	0.03	
Liverpool (Bidston)	30.18	36	E	2	0	30.12	- .09	32	30	- 4	SE	2	0	2	38	31	-	
†Holyhead	30.16	37	ENE	4	om	30.09	- .12	35	34	- 3	ENE	1	omur	2	39	34	-	
†Parsonstown	30.17	38	Z	0	0	30.10	- .13	35	35	- 1	Z	0	6	*	41	33	-	
†Valencia	30.12	41	SSW	1	om	30.06	- .10	41	40	+ 2	NE	1	om	1	43	39	-	
Roche's Point	30.14	40	E	3	m	30.07	- .07	39	37	0	ESE	3	em	4	43	38	-	
Pembroke	30.13	37	ENE	2	0	30.10	- .04	38	36	+ 2	ESE	2	0	0	38	36	-	
†Sailly	30.05	40	ENE	4	om	30.04	- .01	42	41	+ 1	E	3	om	4	42	37	-	
Prawle Point	30.08	36	NE	3	0	30.08	- .01	37	35	+ 2	ENE	3	og	3	39	33	-	
Hurst Castle	30.10	38	ENE	4	m	30.10	- .01	34	33	- 1	NE	3	om	2	44	33	-	
†Dungeness	30.07	36	ENE	4	c	30.07	+ .03	36	36	+ 2	ENE	3	0	3	38	35	-	
London	30.15	35	ENE	3	0	30.11	- .01	33	32	- 1	E	2	og	*	39	33	-	
Oxford	30.16	35	NE	3	0	30.13	- .02	31	30	- 3	ENE	1	og	*	36	31	-	
Cambridge	30.18	33	NE	1	0	30.15	- .03	32	31	- 2	E	1	0	*	36	29	-	
†Yarmouth	30.17	33	ENE	4	og	30.14	- .01	31	30	- 4	E	4	bc	5	35	30	-	
The Helder	30.20	29	ENE	4	c	30.16	- .01	28	27	0	E	3	c	3	36	25	-	
Cape Gris Nez																		
†Jersey	30.03	39	NE	4	bm	30.04	+ .02	40	39	0	ENE	2	em	2	43	38	-	
Brest	29.96	44	NE	4	m	29.99	+ .02	37	37	- 4	NE	4	m	2	48	36	-	
Lorient																		
†Rochefort	29.98	48	ENE	4	0	30.01	+ .04	38	38	- 5	ENE	4	f	2	55	34	-	
Biarritz	29.97	50	NE	3	6	29.99	+ .01	40	39	- 2	ENE	4	bc	2	61	36	-	
Corunna	29.88	50	Z	0	6	29.93	+ .06	42	41	- 5	E	4	0	0	54	39	-	
Brussels	*	*	*	*	*	30.10	- .04	31	30	+ 1	ENE	1	m	*	31	?	-	
Charleville	29.03	38	SE	1	6	29.03	+ .02	30	?	- 3	E	1	0	*	47	30	-	
Paris	30.04	47	NE	4	c	30.09	+ .04	33	32	- 6	S	4	0	*	*	*	-	
Lyons	29.99	43	N	1	6	30.07	+ .07	29	29	- 6	N	1	f	*	50	29	-	
Toulon	29.94	46	E	7	0	29.94	+ .07	45	44	- 1	E	5	0	4	50	43	0.24	

## EXPLANATION OF COLUMNS.

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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

§ Observations taken at 9 a.m.

Printed by D. B. D. Ltd. London



# WEATHER CHARTS

For 8 a.m. on Friday, 19<sup>th</sup> February, 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words. Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

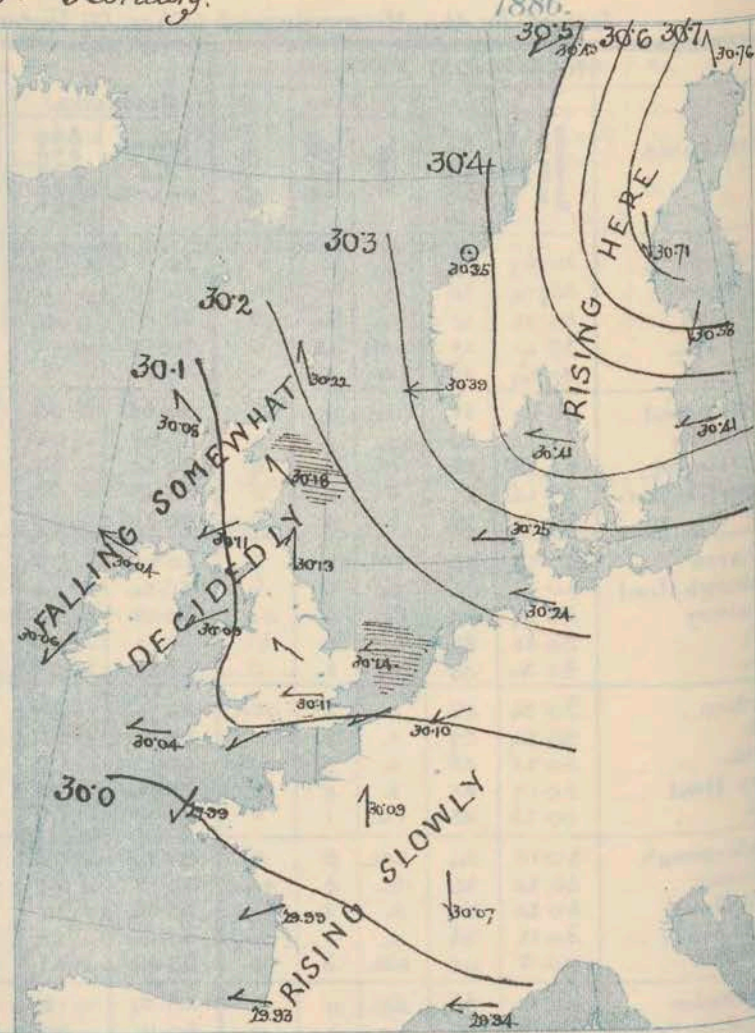
— = forces above 10; — = forces 8 to 10;  
— = forces 5 to 7; — = forces 1 to 4;  
○ = dead calm.

**Sea Disturbance** — where considerable, is shown, thus  
— = Rough. — = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
During the 10 years 1871–1880.

STATIONS.	MEAN READINGS in.
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardeussan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.807
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

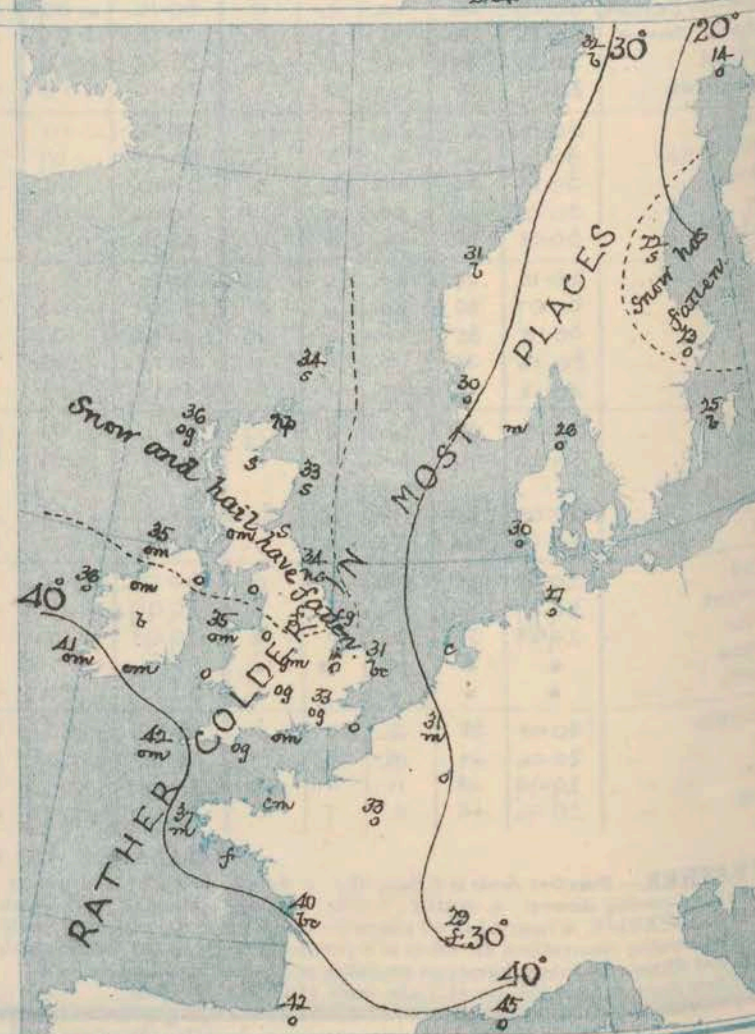
**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather** — is shown by Letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	3.07
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.55
Shields	43.7	35.9	38.8	37.5	1.68
York	44.9	33.6	37.7	36.7	1.68
Ardrossan	45.2	26.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.00
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.95
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.95
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.92
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

Note — The Temperature means are for the 10 years 1871–80, the Rainfall means are mainly those for the 20 years 1866–85





# REMARKS.

for Friday 19<sup>th</sup> February 1886 at 8 a.m.

The anticyclone recently noticed over Scandinavia has receded a little to the eastward, and the barometer is now falling at all but the Swedish and French stations. The change being greatest on our northwestern and northern coasts. The lowest readings are still found over the south of France, but relatively low pressures have appeared to the westward of our Islands. The wind is SE<sup>2</sup> on all our more northern coasts, but E<sup>1</sup> or NE<sup>1</sup> elsewhere; in force it is light or moderate in most places. The weather is cloudy or overcast generally, with fog or mist in many places, and snow in the north and east of Scotland. Since yesterday snow or hail has fallen at most of our northern stations. Temperature has fallen a little in most places, and readings now range from 42° at Scilly to 31° at Loughborough, Oxford and Yarmouth. Slight frost occurred last night in many parts of the Kingdom. The sea is rather rough at Aberdeen and Yarmouth, moderate to smooth elsewhere.

There is at present no sign of any very decided change, but the SE<sup>2</sup> winds may possibly freshen on our western and northern coasts.

## FORECASTS

for the 24 hours ending at NOON on 20<sup>th</sup> February 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE <sup>2</sup> and S <sup>2</sup> winds, freshening; unsettled, some snow.	6 { SCOTLAND WEST	Same as N° 2
1 { SCOTLAND EAST	-----D°-----D°-----D°-----	7 { ENGLAND N.W.	Same as N° 2
2 { ENGLAND N.E.	SE <sup>2</sup> winds, moderate; cloudy, sleet locally.	8 { ENGLAND S.W.	E <sup>2</sup> and SE <sup>2</sup> winds, moderate; dull generally.
3 { ENGLAND EAST	Same as N° 5	9 { IRELAND NORTH	SE <sup>2</sup> winds, freshening; dull, some rain or sleet.
4 { MIDLAND COUNTIES	Same as N° 5	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	E <sup>2</sup> winds, light or moderate; fair but cloudy.	WARNINGS	NONE ISSUED



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.47	36	31	S	2	6	3	Holyhead	30.10	39	38	ESE	4	cm	3
Sumburgh Head	30.44	34	39	2	0	6	0	Valencia	30.14	43	39	E	2	om	2
Stornoway	30.38	41	39	ESE	4	6c	4	Scilly	30.07	39	38	ESE	4	om	4
Aberdeen	30.39	37	35	E	3	shp	4	Dungeness	30.08	36	37	ESE	4	c	3
Shields	30.27	36	35	E	3	2	4	London	30.14	39	37	ESE	3	omg	*
Ardrossan	30.28	38	37	ESE	4	0	2	Yarmouth	30.17	33	32	ESE	4	g	4
Malin Head	30.24	38	36	ESE	5	0	4	Jersey	30.02	43	40	ESE	3	6	3
Mullaghmore	30.22	40	38	E	5	0	4	Rockefort	30.00	60	54	ESE	3	6	1
Belmullet	30.22	43	39	ESE	3	6c	*								

## REMARKS.

The barometer is now falling a little on our west and north west coasts, but elsewhere it continues to rise slowly. No important change is shown in the winds or weather. The sky is cloudy in most places with snow and hail showers at Aberdeen and drizzling rain at Shields. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for Saturday — 20<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).		Max.	Min.	
Haparanda	30.75	3	Z	0	S	30.76	0.00	-1	-1	-15	S	2	6	19	?	-
Hernösand	30.69	22	E	2	O	30.65	-0.06	21	20	-1	NE	2	0	24	19	-
Stockholm	30.47	18	E	2	6	30.52	-0.06	26	24	+3	ESE	4	0	30	?	-
Wisby	30.33	24	E	4	O	30.37	-0.04	27	26	+2	SE	4	5	32	23	0.08
Bodö	30.40	27	ESE	4	C	30.41	-0.08	27	23	-5	ESE	4	6	32	25	-
Christiansund	30.34	30	ESE	3	6	30.31	-0.04	27	26	-4	?	?	6	36	23	-
Skudesnes	30.32	31	E	8	O	30.32	-0.07	29	27	-1	ESE	6	5	?	?	-
Oxö (Christiansund)	30.36	24	NE	6	S	30.34	-0.06	25	24	-4	NE	6	5	2	25	0.12
Skagen (The Skaw)	30.37	28	ESE	3	O	30.31	-0.10	26	25	0	E	4	0	28	?	-
Faro	30.23	24	ESE	5	O	30.24	-0.01	25	24	-5	ESE	2	0	30	25	-
Cuxhaven	30.21	28	ESE	3	6c	30.20	-0.04	27	27	0	E	2	0	30	24	-
Sumburgh Head	30.10	35	SSE	4	O	30.05	-0.17	36	35	+2	S	4	0	36	31	0.03
Stornoway	29.91	34	S	4	O	29.91	-0.17	39	39	+3	S	5	0	39	38	0.05
Wick	30.02	36	S	5	O	30.02	-0.18	36	34	+1	S	4	6c	37	32	0.10
Nairn	30.02	35	SW	1	C	30.01	-0.11	33	32	0	SE	1	6c	36	29	-
Aberdeen	30.08	34	SSE	3	ops	30.09	-0.09	27	26	-6	SW	1	6	35	24	0.14
Leith	30.07	35	NE	1	C	30.10	-0.02	31	30	-1	SSE	1	6cm	36	26	0.05
Shields	30.10	34	SSW	2	O	30.14	+0.01	26	26	-8	SW	1	f	34	26	0.01
Spurn Head	30.11	33	S	3	C	30.14	+0.02	33	31	-1	W	1	ogm	34	31	-
York	30.12	32	E	1	m	30.16	+0.01	32	32	-1	E	1	f	33	31	0.01
Loughborough	30.13	32	ESE	1	O	30.17	+0.03	30	29	-1	WSW	1	om	32	29	-
Androssan	30.06	37	S	2	ch	30.08	-0.03	34	33	+1	ESE	2	ofs	38	30	-
Malin Head	29.98	38	S	3	m	29.94	-0.10	40	39	+5	S	4	ohm	41	34	0.05
Malinbegmore	29.98	40	SSE	4	6c	29.97	-0.07	44	42	+6	SW	5	0	44	37	0.03
Belmullet	29.97	42	S	5	6	29.96	-0.08	44	43	+8	SSW	4	6	44	36	0.02
Donaghadee	30.08	37	S	1	O	30.07	-0.02	39	38	+3	SW	2	0	39	32	0.05
Barrow-in-Furness	30.09	34	NE	3	O	30.14	+0.02	34	33	+1	E	2	osp	35	32	0.05
Liverpool (Bidston)	30.10	35	SE	1	O	30.14	+0.02	33	32	+1	SE	1	sf	38	31	0.01
Holyhead	30.08	38	S	1	om	30.12	+0.03	41	41	+6	SSW	3	om	41	35	0.13
Parsonstown	30.05	42	Z	0	O	30.08	-0.02	38	37	+3	Z	0	0	44	34	-
Valencia	30.03	45	SSW	2	bm	30.03	-0.03	46	45	+5	SSE	5	6c	48	39	0.18
Roche's Point	30.06	40	SSW	3	C	30.08	+0.01	41	39	+2	SW	3	C	46	39	-
Pembroke	30.11	38	S	2	O	30.15	+0.05	38	36	0	SSE	2	m	39	38	-
Scilly	30.04	44	ESE	3	O	30.11	+0.07	42	40	0	ESE	4	C	44	40	-
Prawle Point	30.10	34	NE	2	O	30.16	+0.08	34	33	-3	NE	2	og	37	31	-
Harst Castle	30.10	35	NE	3	m	30.16	+0.06	34	33	0	NE	3	om	37	33	-
Dungeness	30.08	36	ESE	3	O	30.14	+0.07	36	35	0	ESE	3	0	37	34	-
London	30.13	34	ESE	1	og	30.17	+0.06	34	32	+1	E	1	ofs	36	32	-
Oxford	30.15	32	NE	1	O	30.19	+0.06	31	30	0	NE	1	0	32	31	-
Cambridge	30.16	33	NE	1	O	30.18	+0.03	32	31	0	NE	1	0	34	29	-
Yarmouth	30.13	32	E	3	C	30.17	+0.03	32	31	+1	HW	2	ofs	34	30	-
The Helder	30.03	28	E	1	O	30.14	-0.02	30	29	+2	ESE	1	0	30	27	-
Cape Grim Nez																
Jersey	30.05	41	NE	3	cm	30.12	+0.08	39	37	-1	NE	2	om	43	39	-
Brest	30.02	43	E	3	m	30.10	+0.11	41	39	+4	NE	3	m	46	36	-
Orient	30.04	45	ESE	4	6c	30.10	+0.09	39	37	+1	ESE	4	0	50	34	-
Rocheport	30.01	50	NE	3	6	30.10	+0.11	46	43	+6	NE	5	m	57	28	-
Biarritz	29.95	49	SW	1	6	29.99	+0.06	46	45	+4	SW	1	0	54	39	-
Cornwall	*	*	*	*	*	30.06	+0.07	41	40	-4	E	1	6	57	37	-
Brussels	*	*	*	*	*	30.13	+0.03	30	30	-1	NE	3	0	?	30	-
Charleville	30.06	32	SE	1	O	30.08	+0.05	28	27	-2	E	1	0	33	27	-
Paris	30.10	36	N	4	O	30.15	+0.06	31	30	-2	NE	4	0	?	?	-
Lyons	30.06	34	ESE	1	f	30.09	+0.02	31	31	+2	W	1	0	34	?	-
Toulon	29.99	46	E	4	N	29.99	+0.05	43	43	-2	E	5	0	50	41	0.63

## EXPLANATION OF COLUMNS.

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); 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.  
 The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 These stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

For 8 a.m. on Saturday 20<sup>th</sup> February.

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer**—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

**Wind**—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—

→ = forces above 10, →→ = forces 8 to 10,  
→→ = forces 5 to 7, →→ = forces 1 to 4,  
○ = dead calm.

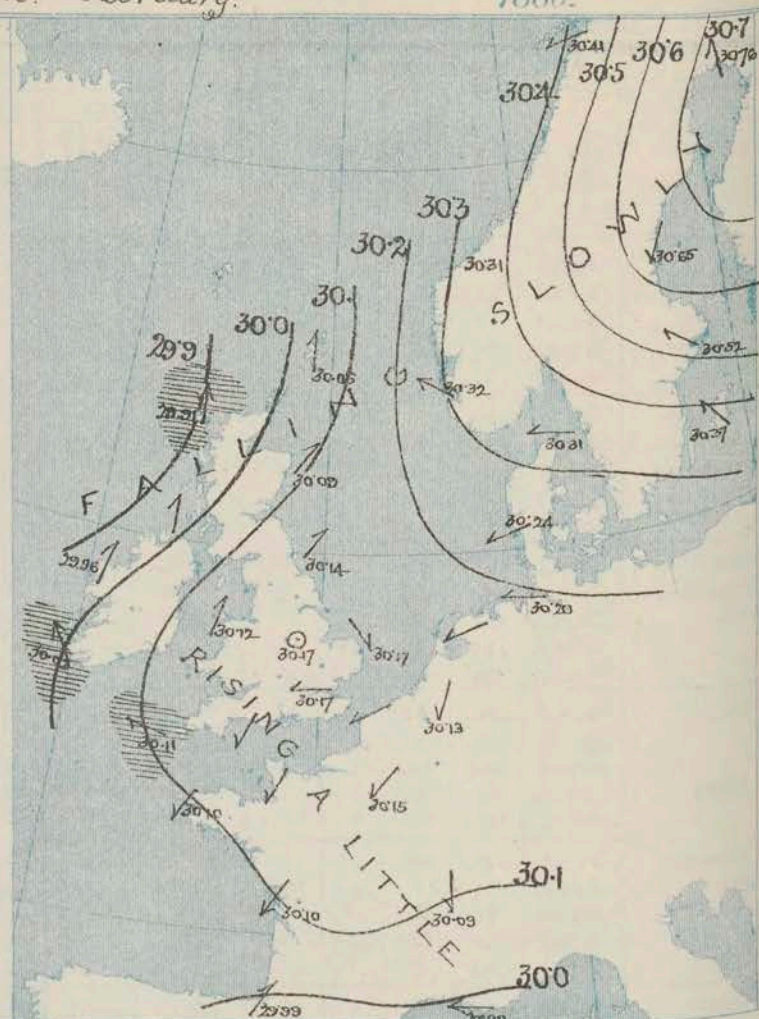
**Sea Disturbance**—where considerable is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Doughhead	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roches Point	29.867
Pembroke	29.887
Selly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature**—Isotherms are drawn for each 10° changes since previous morning are stated in words.

**Weather**—is shown by Letters of the Beaufort Scale.

**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m. Dry	Wet	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	3.97
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.0	37.2	35.4	1.61
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	31.4	38.9	37.6	1.58
Shields	43.7	35.9	38.8	37.5	1.63
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Doughhead	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roches Point	48.4	40.0	43.6	42.1	4.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Selly	49.5	43.9	46.7	45.1	2.98
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE—The temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Saturday 20<sup>th</sup> FEB<sup>y</sup>.

1886 at 8 a.m.

In the course of the past twenty-four hours the barometer has risen a little over England and France but fallen elsewhere, and while the highest readings are still found over Scandinavia, an area of low pressure has appeared off our extreme north-west coasts. The wind is S<sup>3</sup> in the west and north of our islands, but E<sup>1</sup> or NE<sup>1</sup> elsewhere; in force it is light or moderate generally. The weather is fine in the east of Scotland and west of Ireland, as well as at Bodø and Christiansund, but dull in all other localities, with fog or mist locally, and snow at Skudenes, Ales, Andenes, Benbowen Fjærnes, and Yarmouth. Since yesterday rain or sleet has fallen at many of our northwestern and northern stations. Temperature has fallen a little in the east, but risen in the west; readings now range from 16° at Valencia to 26° at Shields. Slight frost occurred last night in many parts of the Kingdom. The sea is rough at Lilloe, rather rough at Stornoway and Rock Point, moderate to smooth elsewhere.

A gradual change in the distribution of pressure is in progress, but the weather over England is not likely to be materially affected at present.

## FORECASTS

for the 24 hours ending at NOON on 21<sup>st</sup> February  
(Issued at 11 a.m. on the previous day.)

1886.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	S <sup>2</sup> winds, fresh or strong; cloudy, some rain.	6 { SCOTLAND WEST	Same as No 2
2 { SCOTLAND EAST	S <sup>2</sup> winds, moderate; fair generally.	7 { ENGLAND N. W.	Same as No 2
3 { ENGLAND N. E.	Light breezes, chiefly SE <sup>2</sup> ; dull, some mist or fog.	8 { ENGLAND S. W.	SE <sup>2</sup> winds, moderate; dull, misty.
4 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	S <sup>2</sup> winds, fresh or strong; fair to cloudy and some rain.
5 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	----- D. ----- D. ----- D. -----
6 { ENGLAND SOUTH	NE <sup>2</sup> and E <sup>2</sup> winds, light; dull, misty.	WARNINGS	NONE ISSUED



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.35	34	30	E	8	C	4	Holyhead	30.08	31	31	SSE	1	h m	2
Sumburgh Head	30.13	36	32	SSE	4	C	4	Valencia	30.02	46	45	SEW	4	0	4
Stornoway	30.00	39	31	SSE	4	csp	4	Scilly	30.06	44	42	E	3	om	4
Aberdeen	30.10	35	34	SSE	4	shp	4	Dungeness	30.08	36	36	EHE	3	0	3
Shields	30.10	34	33	S	2	O	3	London	30.11	35	34	E	2	omg	*
Ardrossan	30.06	38	31	W	0	O	0	Yarmouth	30.12	33	31	E	3	c	4
Malin Head	30.00	40	38	SW	3	m	2	Jersey	30.04	43	40	NE	2	c	2
Mullaghmore	30.02	42	31	SW	3	cm	2	Rochefort	30.01	53	49	NNE	4	b	1
Belmullet	29.99	43	41	S	4	e	*								

## REMARKS.

The barometer continues to fall at all but our extreme southern stations, where a slight rise is reported. The wind has veered to SSW. in the west of Ireland and to SSE. in Scotland, but it remains moderate in force generally. Rain is falling at Holyhead, snow showers at Stornoway, and hail at Aberdeen. The sea is moderate to smooth.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.



# DAILY WEATHER REPORT

for

Sunday — 21<sup>st</sup> February

1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. SCOTT, Secretary.

Issued by the Meteorological Office, 16, Victoria Street, London, R. N. SCOTT, Secretary.																			
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 5 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).		Weather.	Max.		Min.		
Haparanda	30.84	0	Z	0	b	30.88	+ .12	2	2	+ 3	SE	2	b	*	3	-4	—		
Hernösand	30.76	24	Z	0	o	30.80	+ .15	17	16	— 4	Z	0	bc	*	25	?	—		
Stockholm	30.67	27	E	2	o	30.65	+ .13	22	21	— 4	E	2	b	*	28	16	—		
Wisby	30.49	27	E	4	o	30.43	+ .06	19	18	— 8	E	4	c	*	28	?	—		
Bodö	30.41	30	ENE	4	b	30.56	+ .15	26	22	— 1	ENE	2	b	0	24	23	—		
Christiansund	30.38	29	ESE	1	b	30.45	+ .14	27	24	0	ESE	1	b	2	32	23	—		
Skudesnaes	30.39	28	E	6	c	30.44	+ .12	30	26	+ 1	E	4	c	3	3	28	—		
Oslo (Christiansund).	30.41	24	NE	6	o	30.45	+ .11	28	28	+ 3	ENE	6	s	3	?	23	0.01		
Skagen (The Skaw)	30.38	29	SE	2	o	30.45	+ .14	28	27	+ 2	SE	3	o	1	28	?	—		
Panö	30.28	24	ENE	4	c	30.30	+ .06	28	28	+ 3	ESE	6	o	*	28	8	—		
Cuxhaven	30.24	28	ENE	3	bc	30.27	+ .07	28	28	+ 1	E	5	bc	*	29	25	—		
Sumburgh Head	30.13	38	S	4	o	30.18	+ .13	38	36	+ 2	SSE	5	o	4	40	34	—		
Stornoway	29.97	43	S	5	om	30.02	+ .11	43	42	+ 4	S	5	om	5	44	38	0.05		
Wick	30.08	38	S	3	b	30.15	+ .13	38	38	+ 2	S	6	ow	3	42	35	—		
Nairn	30.04	35	S	1	bc	30.11	+ .10	39	35	+ 6	SW	1	c	1	46	30	—		
Aberdeen	30.14	37	SSW	2	o	30.21	+ .12	38	36	+ 11	S	3	o	2	39	26	—		
Leith	30.12	37	SSE	1	r	30.17	+ .07	36	35	+ 5	SE	1	a	*	39	30	0.13		
Shields	30.16	35	SE	2	f	30.25	+ .11	32	31	+ 6	SW	2	f	2	38	26	—		
Spurn Head	30.18	34	SSE	2	b	30.24	+ .10	35	34	+ 2	NNW	2	comps	3	38	30	—		
York	30.18	35	E	1	f	30.26	+ .10	33	32	+ 1	E	1	bc	*	36	31	—		
Loughborough	30.19	34	SE	1	o	30.25	+ .08	31	30	+ 1	E	1	cm	*	39	30	—		
Ardrrossan	30.09	36	NE	2	rf	30.16	+ .08	37	36	+ 3	NE	1	af	1	38	32	0.16		
Malin Head	30.00	45	S	4	cm	30.06	+ .12	39	38	— 1	SSW	4	cm	3	48	38	0.07		
Mullaghmore	30.00	48	SSW	4	cm	30.06	+ .09	43	41	— 1	S	5	om	4	51	42	—		
Belmullet	29.98	45	SSW	5	b	30.04	+ .08	44	43	0	S	6	bc	*	47	42	—		
Donaghadee	30.10	43	SSW	1	c	30.17	+ .10	33	33	— 6	SSW	1	bc	0	44	32	0.01		
Barrow-in-Furness	30.45	36	NE	2	r	30.21	+ .07	34	33	0	ESE	3	rsp	*	36	33	0.49		
Liverpool (Bidston)	30.45	38	SE	1	o	30.22	+ .08	33	32	0	SE	2	af	3	39	32	0.12		
Holyhead	30.43	42	SSW	3	om	30.19	+ .07	40	40	— 1	S	3	om	2	43	40	—		
Parsonstown	30.48	45	SSE	1	o	30.14	+ .06	38	36	0	SSE	1	bc	*	31	36	—		
Valencia	30.13	47	SE	5	cm	30.09	+ .06	47	46	+ 1	SSE	4	rmg	4	50	46	0.06		
Roche's Point	30.10	42	S	3	bc	30.12	+ .04	45	43	+ 4	S	3	om	4	52	41	—		
Pembroke	30.16	38	SSE	2	b	30.21	+ .06	39	37	+ 1	ESE	3	om	3	42	37	—		
Neilly	30.11	43	ESE	4	cm	30.16	+ .05	43	39	+ 1	ESE	4	c	4	46	41	—		
Prawle Point	30.17	37	NE	2	o	30.21	+ .05	34	33	0	NNE	2	og	2	38	33	—		
Hurst Castle	30.18	37	E	3	cm	30.22	+ .06	33	30	— 1	NE	3	c	1	?	30	—		
Dungeness	30.16	35	ENE	3	r	30.18	+ .04	35	34	— 1	ENE	4	o	3	37	34	0.06		
London	30.19	35	N	2	ognc	30.23	+ .06	32	30	— 2	NE	1	cm	*	36	32	—		
Oxford	30.22	31	NE	1	o	30.24	+ .05	32	31	+ 1	NE	1	c	*	34	31	—		
Cambridge	30.20	30	N	1	b	30.27	+ .09	31	31	— 1	N	1	s	*	35	28	0.01		
Yarmouth	30.20	34	NE	1	c	30.23	+ .06	33	31	+ 1	E	4	cy	4	35	31	0.02		
The Helder	30.23	30	ENE	3	c	30.23	+ .09	29	27	— 1	NE	1	o	1	30	28	—		
Cape Gris Nez																			
Jersey	30.14	40	ENE	2	om	30.16	+ .04	36	35	— 3	NE	2	om	2	40	34	—		
Brest	30.10	42	E	3	m	30.14	+ .04	33	31	— 8	NE	1	b	2	46	32	—		
Lorient	30.09	42	NE	4	c	30.13	+ .03	34	32	— 5	ENE	4	b	2	46	28	—		
Rochefort	30.08	41	NE	5	c	30.12	+ .02	33	32	— 13	ENE	7	m	2	52	27	—		
Barritz	30.00	32	NW	4	c	?	?	46	43	0	W	4	c	2	55	43	—		
Corunna	*	*	*	*	*	30.41	+ .05	41	40	0	ENE	1	b	2	59	37	—		
Brussels	*	*	*	*	*	30.18	+ .05	30	30	0	NNE	4	s	*	34	30	—		
Charleville	30.10	31	E	1	o	30.42	+ .04	30	30	+ 2	N	7	o	*	37	28	—		
Paris	30.13	33	NNE	1	o	30.15	+ .02	33	32	+ 2	NE	7	o	*	34	28	—		
Lyon	30.11	30	N	3	m	30.08	— .01	28	?	— 3	N	3	m	*	34	28	—		
Toulon	29.95	44	E	7	r	29.90	— .09	43	43	0	E	3	r	3	45	43	0.13		

## EXPLANATION OF COLUMNS:

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



# WEATHER CHARTS

for 8 a.m. on

Sunday

21<sup>st</sup> February

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words. Arrows show the prevalent winds. They fly with the wind and their heads and feathers refer to force, thus —

→ — forces above 10; → — forces 8 to 10;  
→ — forces 5 to 7; → — forces 1 to 4;  
⊙ — dead calm.

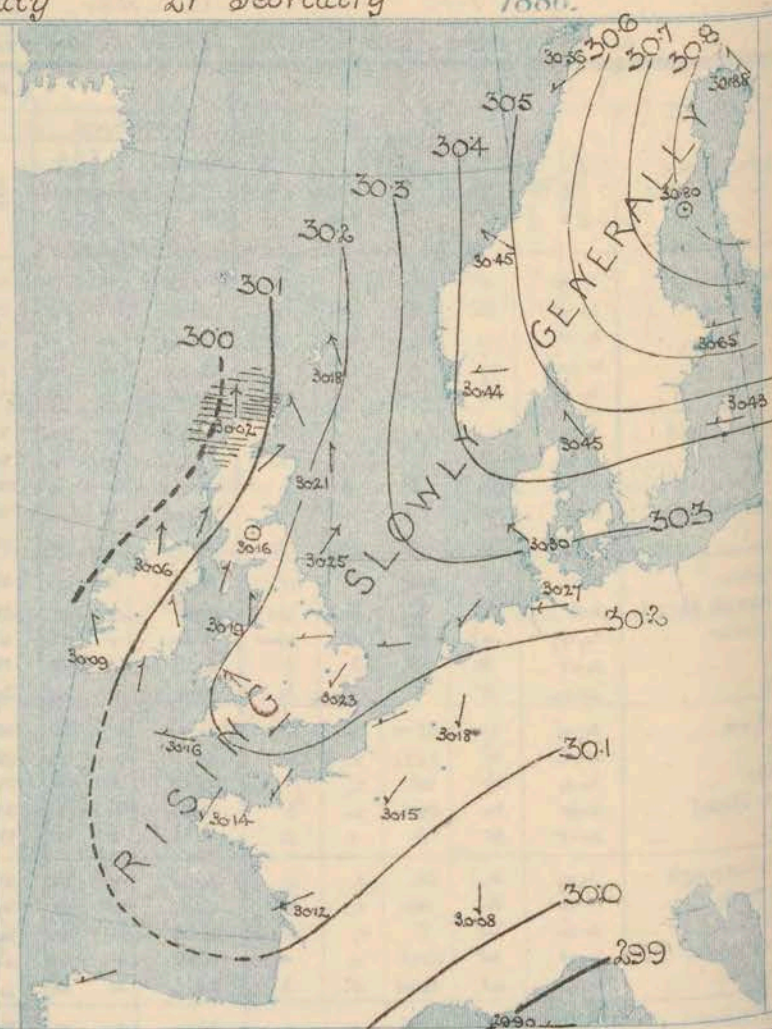
**Sea Disturbance** — where considerable is shown thus

— Rough — High

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at 8 a.m. for the month of February  
during the 10 years 1871—1880.

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Samburgh Head	29.731
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Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.984
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.

**Weather** — is shown by letters of the Beaufort Scale.

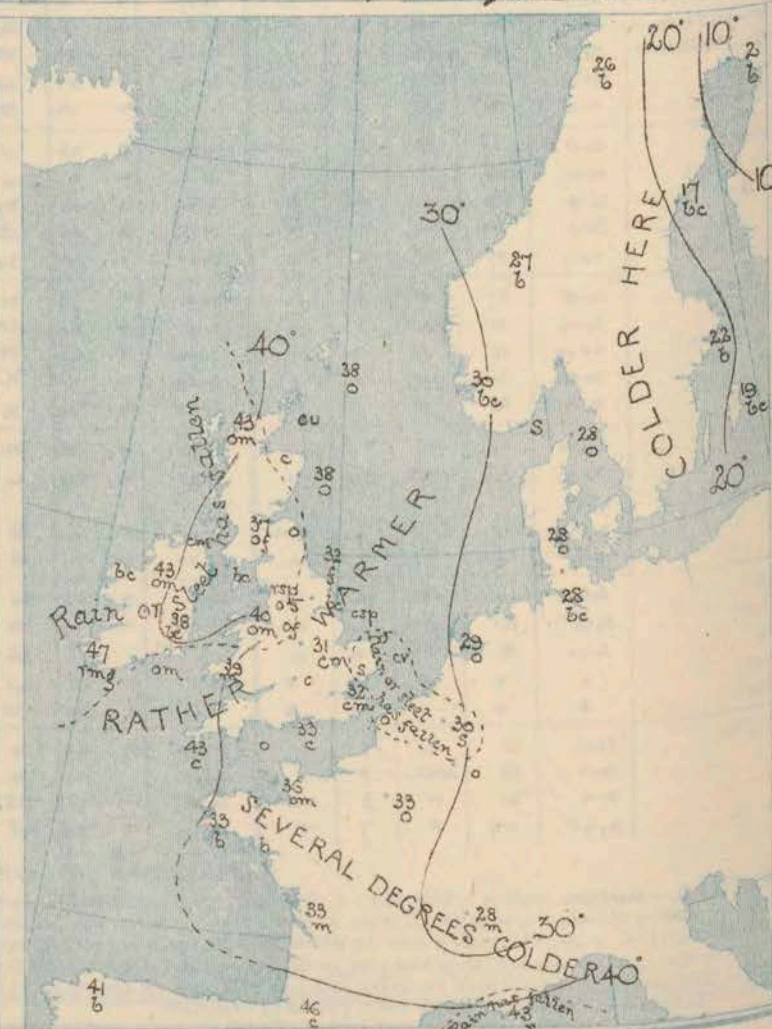
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 1/16 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	Dry.	Wet.	
Samburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	3.07
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	43.5	34.4	38.9	37.6	1.58
Shields	43.7	35.9	38.8	37.5	1.63
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Dounglasside	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	45.4	40.0	43.6	42.1	1.56
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	45.5	43.9	46.7	45.1	2.98
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1868—85.





# REMARKS.

for Sunday 21<sup>st</sup> February 1886 at 8 a.m.

During the past twenty-four hours the barometer has risen a little in nearly all parts of Western Europe. A large high pressure area, in which readings exceed 30.8 in., lies over Northern Europe, and from this a ridge extends south-westwards over the North Sea, the British Isles, and the greater part of France. The wind is S<sup>3</sup> in the west and north of our islands, but E<sup>3</sup> or NE<sup>3</sup> elsewhere. In force it is fresh on our Atlantic coasts, but light to moderate in most other places. The weather is fair in Scandinavia and the north-west of France, but is cloudy or dull elsewhere, with sleet showers at Spinn Head and Barrow-in-Lunenburg. Since yesterday showers of rain or sleet have fallen at some of our stations. Temperature has fallen over France and the south-east of England, but risen in other localities; readings over our islands range from 44° at Valencia to 31° at Loughborough and Cambridge. The sea is rather rough at Lumburgh Head, moderate to smooth elsewhere.

## FORECASTS

for the 24 hours ending at NOON on 22<sup>nd</sup> February 1886.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

1 SCOTLAND  
NORTH

2 SCOTLAND  
EAST

3 ENGLAND  
N.E.

4 ENGLAND  
EAST

5 MIDLAND  
COUNTIES

6 ENGLAND  
SOUTH

NONE ISSUED.

6 SCOTLAND  
WEST

7 ENGLAND  
N.W.

8 ENGLAND  
S.W.

9 IRELAND  
NORTH

10 IRELAND  
SOUTH

NONE ISSUED.

WARNINGS

NONE ISSUED.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes	30.35	31	26	ESE	4	a	4	Holyhead	30.43	42	42	SSW	3	om	2
Sumburgh Head	30.09	39	36	S	4	c	4	Valencia	30.04	49	47	SSE	5	ben	5
Stornoway	29.96	42	41	S	5	om	5	Scilly	30.12	45	47	ESE	4	c	3
Aberdeen	30.11	37	35	SSW	2	b	2	Dungeness	30.16	36	36	L	0	o	2
Shields	30.14	38	34	SE	2	m	2	London	30.17	36	34	L	0	o	*
Ardrossan	30.07	38	37	E	2	r	2	Yarmouth	30.17	34	33	NNW	1	prs	3
Malin Head	29.98	41	39	SSW	3	o	3	Jersey	30.13	40	38	E	1	a	1
Mullaghmore	30.00	50	46	SSW	5	c	4	Rocheport	30.12	46	43	ENE	4	b	2
Belmullet	29.98	47	46	SW	5	c	*								

## REMARKS.

A slight recovery of pressure has occurred in the northwest since 8 am, but beyond this there has been no important change. Sleet showers are still reported from Yarmouth. The sea is rather rough at Stornoway and Valencia, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Monday 22<sup>nd</sup> February 1886.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

Issued by the Meteorological Office, 16, Victoria Street, London, W.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
Haparanda	30.86	-4	Z	0	b	30.86	-0.02	-12	-12	-14	N	2	b	*	5	?	-	
Hernösand	30.80	0	Z	0	b	30.80	0.00	2	2	-15	Z	0	bc	*	25	?	-	
Stockholm	30.56	25	NE	2	o	30.62	-0.03	24	26	+5	E	2	o	*	30	21	-	
Wisby	30.41	26	E	4	o	30.47	+0.04	26	24	+7	ESE	4	o	*	30	16	-	
Bodö	30.52	26	EHE	4	b	30.49	-0.07	30	24	+4	E	2	o	1	20	25	-	
Christiansund	30.44	31	ESE	2	b	30.47	+0.02	30	26	+3	ESE	4	b	3	34	23	-	
Skudesnaes	30.44	32	ESE	2	bc	30.51	+0.07	28	25	-2	SSE	6	bc	4	30	21	0.04	
Oxö (Christiansund)	30.47	28	EHE	8	o	30.52	+0.07	25	24	-3	NNE	6	o	3	30	21	-	
Skagen (The Skaw)	30.43	28	NE	4	o	30.48	+0.03	27	26	-1	ESE	3	o	0	30	27	-	
Faro	30.37	27	EHE	4	o	30.40	+0.10	25	25	-3	NE	2	o	*	30	25	-	
Cuxhaven	30.31	29	E	2	o	30.37	+0.10	30	30	+2	EHE	1	o	*	?	27	-	
Sumburgh Head	30.19	37	SSE	5	o	30.29	+0.11	37	36	-1	SSE	4	N	5	39	35	0.15	
Stornoway	30.12	42	SSW	4	z	30.34	+0.32	37	36	-6	NW	3	b	2	43	35	0.19	
Wick	30.15	38	SSW	4	o	30.30	+0.15	37	37	-1	NW	3	adm	1	39	35	0.09	
Nairn	30.15	35	S	2	bc	30.29	+0.18	37	37	-2	W	1	d	2	47	33	0.11	
Aberdeen	30.24	37	S	4	o	30.31	+0.10	38	37	0	S	1	adm	1	39	36	0.04	
Leith	30.22	36	SW	1	o	30.29	+0.12	37	37	+1	Z	0	adm	*	38	35	0.06	
Shields	30.27	36	S	2	om	30.36	+0.11	34	34	-2	S	2	as	2	37	32	-	
Spurn Head	30.27	35	NW	1	bc	30.36	+0.12	36	33	+1	NNE	2	b	3	36	32	0.01	
York	30.20	36	E	1	o	30.39	+0.13	34	33	+1	SSE	1	o	*	38	32	-	
Loughborough	30.28	34	SE	1	c	30.39	+0.14	33	32	+2	ESE	1	o	*	43	31	-	
Ardrossan	30.22	40	EHE	1	of	30.28	+0.12	42	42	+5	SW	1	adm	1	42	36	0.17	
Malin Head	30.14	42	SSE	3	m	30.35	+0.29	42	40	+3	N	3	op	4	46	38	0.22	
Mullaghmore	30.14	45	S	4	adm	30.36	+0.30	39	38	-4	NW	2	c	4	47	35	0.09	
Belmullet	30.15	43	N	3	oh	30.40	+0.36	42	40	-2	NE	3	bc	*	44	40	0.16	
Donaghadee	30.23	41	SSW	2	c	30.32	+0.15	40	40	+7	NNW	1	N	0	46	32	0.02	
Barrow-in-Furness	30.25	35	E	2	N	30.35	+0.14	35	35	+1	E	2	sf	*	36	33	0.09	
Liverpool (Bidston)	30.27	35	SE	2	o	30.37	+0.15	35	34	+2	SE	1	cf	1	36	32	0.04	
Holyhead	30.25	42	SSW	1	om	30.36	+0.17	41	40	+1	SSW	2	f	2	46	40	-	
Parsonstown	30.20	45	Z	0	o	30.26	+0.22	40	39	+2	Z	0	og	*	49	37	0.07	
Valencia	30.28	46	SE	4	ogm	30.35	+0.26	42	41	-5	NE	4	o	4	47	41	0.76	
Roche's Point	30.25	47	SSE	3	c	30.34	+0.22	46	44	+1	S	3	m	4	51	44	-	
Pembroke	30.27	38	ESE	2	m	30.40	+0.19	37	37	-2	NE	1	mw	1	40	36	-	
Scilly	30.23	43	E	3	cm	30.36	+0.20	43	40	0	E	5	om	5	47	40	-	
Prawle Point	30.29	34	NE	2	bc	30.41	+0.20	33	32	-1	NNE	2	bc	2	43	31	-	
Hurst Castle	30.27	37	E	3	c	30.41	+0.19	31	31	-2	NE	1	m	1	?	28	-	
Dungeness	30.23	36	NE	4	o	30.35	+0.17	28	28	-7	NW	2	b	2	37	26	-	
London	30.29	35	NNE	3	ogm	30.40	+0.17	31	30	-1	Z	0	hg	*	38	28	-	
Oxford	30.33	32	Z	0	b	30.40	+0.16	32	31	0	SW	1	om	*	39	27	-	
Cambridge	30.32	34	N	1	o	30.39	+0.12	32	31	-1	Z	0	o	*	37	28	-	
Yarmouth	30.26	34	NE	3	c	30.37	+0.14	33	32	0	E	3	OS	4	35	31	0.01	
The Helder	30.26	31	E	3	b	30.38	+0.15	29	27	0	E	1	c	2	32	27	-	
Cape Gris Nez	30.17	34	E	7	o	30.30	+0.13	35	32	-3	NE	4	o	3	36	30	-	
Jersey	30.22	37	EHE	3	o	30.37	+0.21	37	35	+1	NE	3	cm	3	38	35	-	
Brest	30.08	39	E	3	o	30.36	+0.22	37	36	+4	NE	3	o	5	46	32	-	
Lorient	30.21	38	EHE	5	o	30.34	+0.21	38	31	-1	EHE	4	b	2	43	27	-	
Rochefort	30.17	35	NNE	7	o	30.24	+0.22	38	31	0	NE	5	o	2	41	28	-	
Biarritz	30.11	45	NW	5	o	30.25	?	39	36	-7	E	4	o	1	50	36	-	
Cornuna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.24	+0.16	31	31	+1	N	1	o	*	32	30	-	
Charleville	30.09	32	N	8	o	30.22	+0.10	30	29	0	NE	5	bc	*	34	29	-	
Paris	30.19	33	N	4	o	30.36	+0.21	32	31	-1	N	4	o	*	*	*	-	
Lyons	30.11	29	N	1	o	30.23	+0.15	31	30	+3	N	3	o	*	31	28	-	
Toulon	29.93	41	EHE	4	N	30.06	+0.16	39	38	-4	NE	1	o	3	43	38	1.18	

## EXPLANATION OF COLUMNS.

**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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

§ Received too late for insertion in Charts.



# WEATHER CHARTS

For 8 a.m. on Monday, 22<sup>nd</sup> February, 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

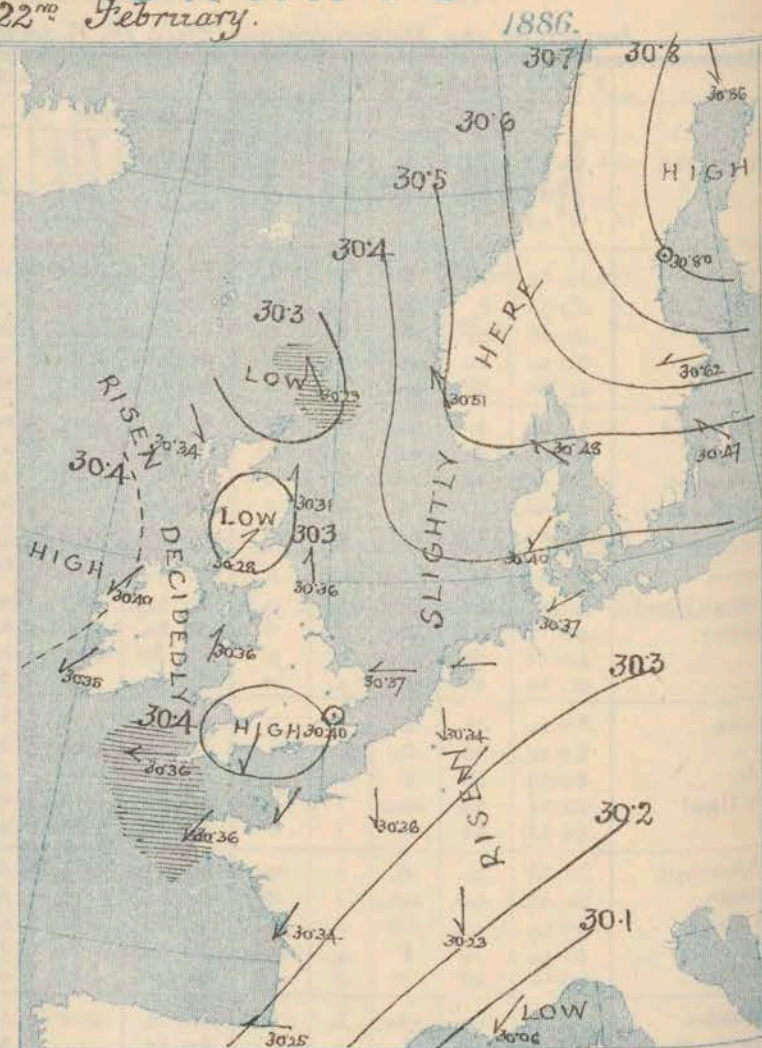
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 — = forces above 10; — = forces 8 to 10;  
 — = forces 5 to 7; — = forces 1 to 4;  
 ○ = dead calm.

**Sea Disturbance** — where considerable is shown thus  
 — = Rough. — = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS in.
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.882
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

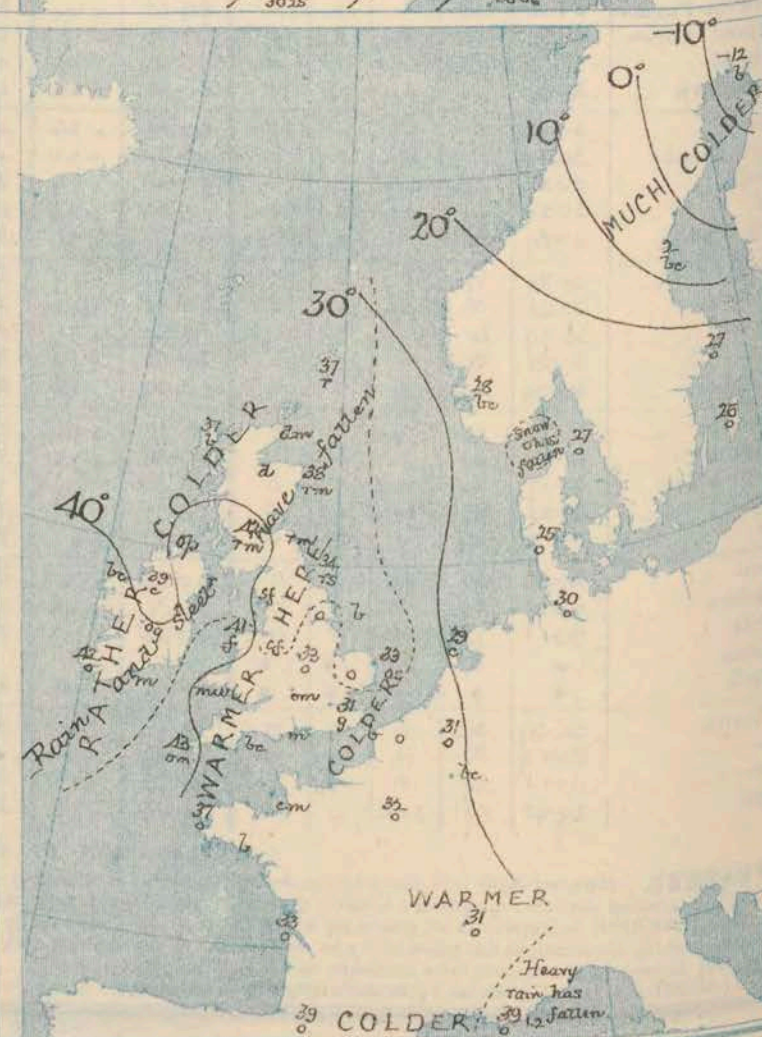
**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather** — is shown by letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Day	Night	
Sumburgh Head	42.5	34.5	38.4	37.6	3.20
Stornoway	43.1	34.6	39.0	37.7	3.07
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	43.5	34.4	38.9	37.6	1.53
Shields	43.7	35.9	38.8	37.5	1.63
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.93
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.50
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	38.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.0	2.02

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Monday 22<sup>nd</sup> February 1886 at 8 a.m.

In the course of the past day the barometer has risen over our Islands, but the change has been more decided in the extreme west than elsewhere. The large high pressure area over Scandinavia and Finland still holds, and a second such system has appeared off the west of Ireland during the night. Over Great Britain some local irregularities of pressure are found, especially in Scotland. Temperature has decreased in the extreme west and north-west, and also in the south-east, but has risen slightly elsewhere. The wind is very variable; in the extreme west and south it is NE<sup>3</sup>, and of moderate strength, but over Great Britain it is very light and variable. Rain fell in Scotland yesterday (heavily at Valencia) but the fall has since ceased. Over Scotland and the north of England, however, rain is very general this morning, and some about along our eastern coast; fog or haze prevails in other parts of England. The sea is moderate at several of the western and eastern stations, smooth or nearly so elsewhere.

## FORECASTS

for the 24 hours ending at NOON on 23<sup>rd</sup> FEBRUARY 1886.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	NW <sup>2</sup> winds, colder weather, snow at times.	6 { SCOTLAND WEST	NW <sup>2</sup> breezes, light or moderate; cold showers.
1 { SCOTLAND EAST	Variable winds, very unsettled, rain and sleet at times.	7 { ENGLAND N.W.	-----D°-----D°-----D°-----
2 { ENGLAND N.E.	-----D°-----D°-----D°-----	8 { ENGLAND S.W.	-----D°-----D°-----D°-----
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	NE <sup>2</sup> winds, cold, dull.
4 { MIDLAND COUNTIES	Same as No 1.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	Variable airs and calms, cold, fog at times, perhaps cold showers later.	WARNINGS	NONE ISSUED.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	30.45	30	28	ESE	2	S	3	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rochefort	30.13	35	33	NE	5 0 2
Belmullet							*						

## SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD.

FROM THE 14<sup>TH</sup> TO THE 20<sup>TH</sup> FEBRUARY 1886.

The cyclonic distribution of pressure which prevailed over our Islands at the close of last week, broke up entirely after the 14<sup>th</sup>, and a large anticyclone was formed over Russia and northern Europe, from which a well-marked "ridge" extended westwards across the North Sea and the United Kingdom. E<sup>t</sup> winds consequently set in over the southern parts of our area, while variable airs were experienced in the north. The weather became gloomy, cold and foggy over England, but was at times fine and bright in the northwestern and northern parts of the Kingdom. Showers of sleet were of daily occurrence on our northeastern coasts, but in nearly all other places the weather was as a rule dry.

Towards the close of the week a S<sup>ly</sup> breeze appeared in the extreme west and north-west, and brought warmer weather to Ireland and the west of Scotland, but showed no sign of becoming general.



# DAILY WEATHER REPORT

for *Tuesday* 23<sup>rd</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. SCOTT, Secretary.

Issued by the Meteorological Office, 16, Victoria Street, London, W. H. SCOTT, Secretary.																			
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.86	-8	2	0	b	30.86	00	-15	-15	-3	S	2	b	*	9	?	-		
Hernösand	30.84	17	NNE	2	o	30.88	+08	16	15	+14	NNE	2	b	*	18	0	-		
Stockholm	30.66	22	NNE	2	o	30.65	+08	23	22	-4	NNE	2	b	*	28	21	-		
Wisby	30.48	27	E	4	o	30.47	-00	23	23	-3	ESE	4	b	*	32	?	-		
Bodö	30.59	28	E	2	b	30.67	+18	29	23	-1	E	4	o	2	36	25	-		
Christiansund	30.63	21	ESE	3	o	30.63	+16	28	25	-2	ESE	1	b	3	36	23	-		
Skudesnaes	30.63	27	NNE	2	b	30.61	+10	24	25	-1	ENE	2	bc	3	32	27	-		
Oxö (Åtlandsund)	30.62	26	NNE	6	o	30.59	+07	26	24	0	NNE	6	s	4	27	25	-		
Skagen (The Skaw)	30.58	30	E	3	o	30.56	+08	25	24	-2	E	3	o	1	30	24	-		
Fanö	30.49	27	ENE	4	o	30.42	+02	28	27	+3	ENE	4	s	*	30	25	-		
Coxhaven	30.40	30	E	1	bc	30.42	+05	29	29	-1	E	2	o	*	30	27	-		
Sumburgh Head	30.49	37	SSE	3	o	30.55	+26	35	32	-2	ESE	3	bc	3	38	33	0.09		
Stornoway	30.44	40	NNE	4	b	30.43	+09	35	34	-2	ESE	5	b	4	45	33	0.01		
Wick	30.47	38	S	2	o	30.50	+20	37	35	0	S	3	c	2	42	33	0.08		
Nairn	30.41	37	2	0	o	30.46	+17	33	31	-4	ESE	1	o	1	39	30	0.17		
Aberdeen	30.45	36	E	4	d	30.48	+17	34	32	-4	ESE	4	s	4	38	33	0.12		
Leith	30.44	37	SE	1	n	30.44	+15	34	32	-3	ESE	1	o	*	39	33	0.21		
Shields	30.39	34	S	2	as	30.42	+06	34	34	0	E	2	s	3	35	34	0.19		
Spurn Head	30.39	36	ESE	3	bc	30.37	+01	34	32	-2	NNE	4	csp	3	40	32	0.01		
York	30.40	33	ESE	1	s	30.40	+01	31	31	-3	NNE	1	o	*	36	30	0.08		
Loughborough	30.40	34	SE	1	s	30.38	-01	31	30	-2	ENE	1	o	*	36	31	0.02		
Ardrossan	30.31	37	ENE	2	of	30.38	+10	35	34	-7	ENE	4	om	2	42	33	0.09		
Malin Head	30.36	41	N	4	bc	30.23	-12	37	37	-5	E	6	ofg	6	45	36	0.05		
Mullaghmore	30.37	41	N	4	c	30.20	-16	36	37	-1	E	5	om	3	46	34	0.11		
Belmullet	30.41	40	NNE	3	bc	30.19	-21	35	34	-7	E	5	b	*	46	33	0.17		
Donaghadee	30.30	41	NNE	2	n	30.31	-01	37	37	-3	NNE	6	o	4	44	36	0.11		
Barrow-in-Furness	30.32	38	ESE	2	f	30.36	+01	33	32	-2	NNE	3	omsp	*	38	33	0.12		
Liverpool (Bidston)	30.34	40	SE	1	o	30.36	-01	33	31	-2	E	3	o	3	45	33	0.06		
Holyhead	30.32	39	NW	1	n	30.23	-13	39	39	-2	SE	2	n m	2	43	38	0.36		
Parsonstown	30.36	41	2	0	c	30.16	-20	35	34	-5	ESE	1	og	*	43	30	0.11		
Valencia	30.34	44	ENE	2	og	30.11	-24	39	38	-3	E	3	om	3	44	38	0.67		
Roche's Point	30.32	44	N	3	n	30.14	-20	42	41	-4	SSE	4	n	4	49	34	0.92		
Pembroke	30.36	43	NW	2	o	30.26	-14	39	38	+2	SE	4	n m	3	44	37	0.13		
Seilly	30.36	44	ESE	1	o	30.20	-16	42	40	-4	ESE	4	o	4	47	40	0.03		
Prawle Point	30.39	39	NNE	2	o	30.27	-14	39	37	+6	ENE	3	og	2	42	33	-		
Hurst Castle	30.39	37	2	0	o	30.32	-09	33	32	+2	ENE	2	bc	1	37	30	-		
Dungeness	30.37	35	E	4	c	30.31	-04	33	31	+5	ENE	4	o	3	37	27	-		
London	30.39	35	SE	1	o	30.34	-06	31	31	0	ESE	2	of	*	30	31	0.01		
Oxford	30.40	34	2	0	s	30.36	-04	31	30	-1	NNE	1	osp	*	36	30	0.01		
Cambridge	30.40	36	NNE	1	o	30.36	-03	32	31	0	NNE	1	as	*	42	30	-		
Yarmouth	30.39	34	E	2	c	30.35	-02	33	32	0	ENE	4	csp	4	36	30	0.06		
The Helder	30.41	30	ENE	1	c	30.36	-02	29	27	0	E	1	bc	2	30	29	-		
Cape Gris Nez																			
Jersey	30.37	39	NNE	2	ogm	30.27	-10	35	33	-2	E	3	ogm	3	40	35	-		
Brest	30.36	39	ENE	3	o	30.25	-11	37	34	0	SE	4	b	3	54	32	-		
Lorient	30.37	41	E	4	b	30.24	-10	36	34	+3	ENE	4	bc	2	41	29	-		
Rochefort	30.37	33	NNE	5	m	30.29	-05	33	31	0	ENE	7	m	2	37	25	-		
Biarritz	30.28	33	2	0	b	30.14	-11	30	30	-9	ENE	4	m	3	46	27	-		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*	30.32	-02	29	28	-2	ENE	3	s	*	33	28	-		
Charleville	30.29	31	NNE	3	b	30.26	+04	30	29	0	NNE	3	o	*	38	28	-		
Paris	30.36	32	NNE	4	o	30.31	-05	33	31	+1	NNE	3	o	*	*	*	-		
Lyons	30.32	31	ENE	1	o	30.26	+03	31	30	0	NNE	1	o	*	32	30	-		
Boston	30.06	43	?	1	o	30.08	+02	43	39	+4	2	o	m	2	45	?	0.08		

## EXPLANATION OF COLUMNS.

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.  
 † The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by D. B. DODD, 11th London



# WEATHER CHARTS

for 8 a.m. on *Tuesday, 23<sup>rd</sup> February* 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map.)

**Barometer** — Isolines are drawn for each tenth of an inch. Changes since previous morning are stated in words.

**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10, →→ = forces 8 to 10;  
→→ = forces 5 to 7, → = forces 1 to 4;  
○ = dead calm.

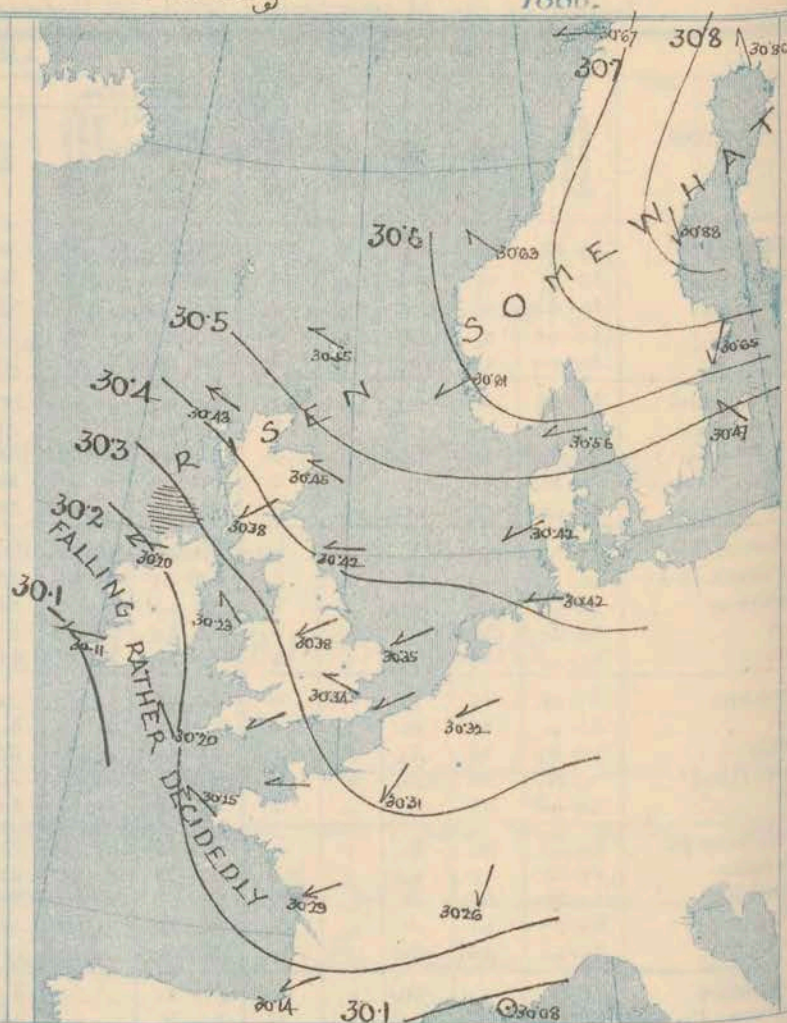
**Sea Disturbance** — where considerable is shown thus

▨ = Rough, ▨▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.731
Stormoway	29.729
Wick	29.766
Nairn	29.778
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Dunaghalles	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Seilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.

**Weather** — is shown by letters of the Beaufort Scale.

**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry	Wet	
Sumburgh Head	42.5	34.5	38.4	37.9	3.29
Stormoway	43.1	34.6	39.0	37.7	8.97
Wick	43.3	35.3	38.3	36.8	2.02
Nairn	43.4	35.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.58
Shields	43.7	35.9	38.5	37.5	1.63
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	2.47
Dunaghalles	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.30
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.56
Pembroke	46.1	40.0	42.8	41.5	3.20
Seilly	49.5	43.9	46.7	45.1	2.98
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	43.4	35.4	39.3	38.2	1.89
Oxford	45.7	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Tuesday 23<sup>rd</sup> February.

1886 at 8 a.m.

Since yesterday morning the barometer has continued to rise at the Scandinavian and our own northern stations, but in the course of the night a somewhat decided fall has set in on our west and south-west coasts. Readings are still highest (30.8 ins. and upwards) over the Gulf of Bothnia but an area of relatively low pressure has appeared off the south-west of Ireland. E<sup>ly</sup> winds, — inclining to NE. in the east and south, and to SE in the west and north — now prevail generally and in the north of Ireland they blow strongly. The weather is fine in the north of Scotland and west of Norway, but cloudy, or overcast elsewhere, with rain at many of our western stations, and snow showers in the east. Since yesterday rain or snow has fallen on all but our extreme southern coasts. Temperature has risen slightly in the south, but fallen elsewhere; readings now range from 42° at Obolue Point and Lelly to 31° over Central England. Slight frost occurred last night in many parts of the Kingdom. The sea is rough at Malin Head, moderate to smooth elsewhere.

The changes now in progress are likely to result in an increase of wind from E. and SE. on our west and south-west coasts.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 20<sup>th</sup> Inst. a strong gale from SW veering to NW. was experienced in Lat 41° Long 65° W. the barometer at 8 pm falling to a minimum of 29.1 ins.

## FORECASTS

for the 24 hours ending at NOON on 24<sup>th</sup> February 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SE <sup>ly</sup> and E <sup>ly</sup> winds, moderate or fresh; fair generally.	6 SCOTLAND WEST	Same as No 2
2 SCOTLAND EAST	----- D° ----- D° ----- D° -----	7 ENGLAND N. W.	E <sup>ly</sup> and SE <sup>ly</sup> winds, freshening considerably; dull, some rain or sleet.
3 ENGLAND N. E.	E <sup>ly</sup> winds, freshening; unsettled, some snow showers.	8 ENGLAND S. W.	----- D° ----- D° ----- D° -----
4 ENGLAND EAST	----- D° ----- D° ----- D° -----	9 IRELAND NORTH	E <sup>ly</sup> winds, strong to a gale; dull some rain or sleet
5 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	Same as No 8
6 ENGLAND SOUTH	E <sup>ly</sup> winds, moderate; cloudy, some snow showers.	WARNINGS	The north cone has been hoisted this morning in district 9.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.57	32	29	E	4	c	3	Holyhead	30.35	43	43	SW	3	nm	2
Sumburgh Head	30.41	31	36	SSE	4	o	4	Valencia	30.35	43	43	NE	2	nm g	3
Stornoway	30.41	45	41	N	4	b	3	Scilly	30.37	46	41	SSE	4	c	5
Aberdeen	30.34	37	36	SE	4	n	3	Dungeness	30.35	37	36	E	4	c	3.
Shields	30.35	35	34	S	2	S	7	London	30.38	39	35	W	0	og f	*
Ardrossan	30.30	42	41	ESE	1	o	1	Yarmouth	30.38	36	34	ESE	2	c	3
Malin Head	30.36	42	40	N	3	b	4	Jersey	30.38	40	36	ESE	3	c	3
Mullaghmore	30.39	45	42	N	2	e	3	Rocheport	30.38	36	34	NE	5	m	2
Belmullet	30.43	45	42	NE	4	bc	*								

## REMARKS.

Very little change has occurred since the morning beyond the fact that steady rain has set in at Valencia and Holyhead. The sea rather rough at Scilly, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Wednesday 24<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 10, Victoria Street, London, W. H. 5001. Secretary.																	
† YESTERDAY EVENING.							8 A.M. TO DAY.							PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		
			Dir.	Force (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12.)			Max.	Min.	Amount of Rainfall.
Haparanda	30.89	-11	Z	0	b	30.89	+ .03	-18	-18	- 3	N	2	b	*	3	?	-
Hernösand	30.88	7	Z	0	b	30.91	+ .03	-5	-5	- 21	Z	0	b	*	27	?	-
Stockholm	30.69	21	NE	4	b	30.69	+ .04	21	20	- 2	SSE	5	b	*	30	21	-
Wisby	30.47	28	E	4	bc	30.49	+ .02	25	24	+ 2	E	4	b	*	34	19	-
Bodö	30.69	29	E	2	b	30.67	.00	28	23	- 1	ENE	2	b	1	30	27	-
Christiansund	30.56	28	ESE	2	b	30.50	- .13	33	31	+ 5	ESE	2	b	2	34	21	-
Skudesnaes	30.49	30	E	2	bc	30.47	- .14	29	28	+ 2	NNE	1	o	3	36	27	-
Oxö (Åtlandsund)	30.51	27	ENE	6	o	30.47	- .12	22	21	- 3	NE	9	s	5	27	21	0.08
Skagen (The Skaw)	30.47	27	E	4	o	30.46	- .10	28	28	+ 3	E	3	o	0	28	25	-
Fanö	30.36	26	E	4	s	30.34	- .08	26	26	- 2	E	3	o	*	30	23	0.04
Cuxhaven	30.36	29	E	3	o	30.32	- .10	29	29	0	ESE	4	o	*	29	26	-
Sumburgh Head	30.46	33	ESE	3	osp	30.39	- .16	34	32	- 1	ESE	2	o	2	38	30	0.01
Stornoway	30.30	37	ESE	5	cg	30.26	- .17	36	34	+ 1	SE	4	b	4	42	33	-
Wick	30.40	35	S	3	c	30.34	- .16	34	33	- 3	S	3	o	2	38	32	0.20
Nairn	30.36	31	E	1	bc	30.31	- .15	27	26	- 6	SE	1	bc	2	38	26	-
Aberdeen	30.40	34	SE	4	shp	30.31	- .17	34	32	0	ESE	4	csig	5	38	31	0.20
Leith	30.33	34	SE	1	bc	30.26	- .18	32	31	- 2	SE	1	c	*	40	30	-
Shields	30.31	36	E	2	cpss	30.24	- .18	34	33	0	E	2	chs	3	39	32	0.06
Spurn Head	30.27	33	E	3	bc	30.21	- .16	34	32	0	ENE	3	b	3	35	29	0.03
York	30.31	33	E	1	bc	30.24	- .16	28	28	- 3	NNE	1	b	*	37	27	-
Loughborough	30.28	33	N	2	o	30.23	- .15	27	26	- 4	NE	1	om	*	35	24	-
Ardrossan	30.30	35	E	1	om	30.26	- .12	31	30	- 4	NE	1	c	1	37	28	-
Malin Head	30.21	24	ESE	5	omp	30.17	- .06	33	33	- 4	SE	3	om	3	40	32	-
Mullaghmore	30.12	38	E	6	orm	30.13	- .07	37	34	- 1	ESE	5	cm	4	42	36	0.10
Belmullet	30.04	40	SSE	6	or	30.08	- .11	35	32	0	SE	8	b	*	40	34	0.14
Donaghadee	30.29	35	SE	3	o	30.23	- .08	35	34	- 2	SE	3	c	1	37	33	0.09
Barrow-in-Furness	30.28	35	NE	3	c	30.23	- .13	29	28	- 4	NE	1	b	*	36	28	-
Liverpool (Bidston)	30.28	33	ESE	1	b	30.23	- .13	28	26	- 5	E	1	af	1	36	27	-
Holyhead	30.25	35	E	3	o	30.21	- .02	31	31	- 8	E	3	b	2	39	30	0.05
Parsonstown	30.13	40	SE	2	o	30.13	- .03	34	31	- 1	SE	1	o	*	44	33	0.03
Valencia	30.01	43	SE	6	r	29.99	- .12	40	39	+ 7	ESE	5	o	5	47	36	0.57
Roche's Point	30.11	40	S	6	r	30.04	- .10	41	39	- 1	ESE	6	c	5	45	40	0.40
Pembroke	30.20	36	ESE	5	bc	30.15	- .11	32	31	- 7	ESE	5	cg	2	39	32	-
Scilly	30.11	42	ESE	6	op	30.02	- .18	39	36	- 3	ESE	6	o	5	43	37	0.10
Prawle Point	30.19	36	ENE	4	o	30.10	- .17	34	32	- 5	ENE	4	og	4	39	33	-
Hurst Castle	30.24	34	ENE	3	m	30.16	- .16	31	30	- 2	ENE	4	bc	2	37	30	-
Dungeness	30.22	33	N	2	o	30.15	- .16	33	33	0	ENE	2	c	2	35	30	-
London	30.25	33	E	2	o	30.19	- .15	27	27	- 4	NE	1	baf	*	34	26	-
Oxford	30.27	31	NE	1	o	30.21	- .15	25	25	- 6	NE	1	b	*	34	24	-
Cambridge	30.26	32	NNE	1	o	30.21	- .15	26	25	- 6	N	1	c	*	37	21	-
Yarmouth	30.26	31	ENE	3	bc	30.18	- .17	32	31	- 1	ENE	4	os	4	34	30	0.02
The Heider	30.24	30	E	3	s	30.19	- .17	30	29	+ 1	E	1	s	1	30	28	0.16
Cape Gris Nez																	
Jersey	30.18	35	E	4	ogm	30.09	- .18	31	29	- 4	ESE	4	bcm	3	37	30	-
Brest	30.12	38	SE	5	o	30.04	- .21	33	30	- 4	ESE	5	o	4	39	32	-
Lorient	30.11	36	ESE	7	o	30.05	- .19	31	29	- 5	E	7	b	3	39	27	-
Rochefort	30.10	41	E	5	b	30.02	- .27	33	32	0	E	7	b	2	38	27	-
Biarritz	29.97	48	ENE	4	b	29.93	- .24	47	40	+ 17	S	3	b	1	64	28	-
Corunna	*	*	*	*	*												
Brussels	*	*	*	*	*	30.16	- .16	30	29	+ 1	NE	1	m	*	32	29	-
Charleville	? 30.13	32	Z	0	bc	? 30.17	- .09	29	28	- 1	E	1	c	*	34	28	-
Paris	30.21	33	NNE	3	o	30.15	- .16	32	31	- 1	NNE	1	o	*	*	*	-
Lyons	30.19	31	WNW	1	b	30.15	- .11	26	25	- 5	WNW	1	b	*	36	25	-
Toulon	30.08	46	SW	1	m	30.09	+ .01	45	41	+ 2	E	1	bc	2	35	41	-

## EXPLANATION OF COLUMNS.

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

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‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

For 8 a.m. on WEDNESDAY 24<sup>th</sup> February.

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; →→ = forces 8 to 10;

→→ = forces 5 to 7; → = forces 1 to 4;

○ = dead calm.

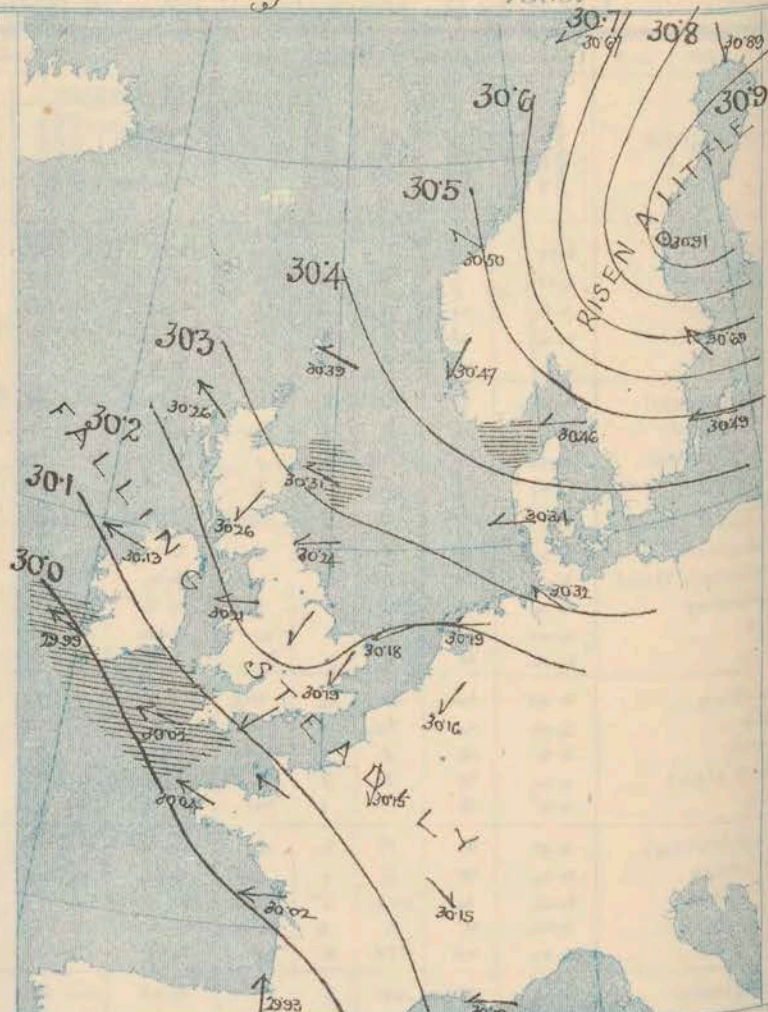
**Sea Disturbance** — where considerable, is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 years 1871-1880.

STATIONS.	MEAN READINGS.
	Bar.
Sumburgh Head	29.781
Stornoway	29.729
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Nairn	29.773
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Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.934
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.

**Weather** — is shown by Letters of the Beaufort Scale.

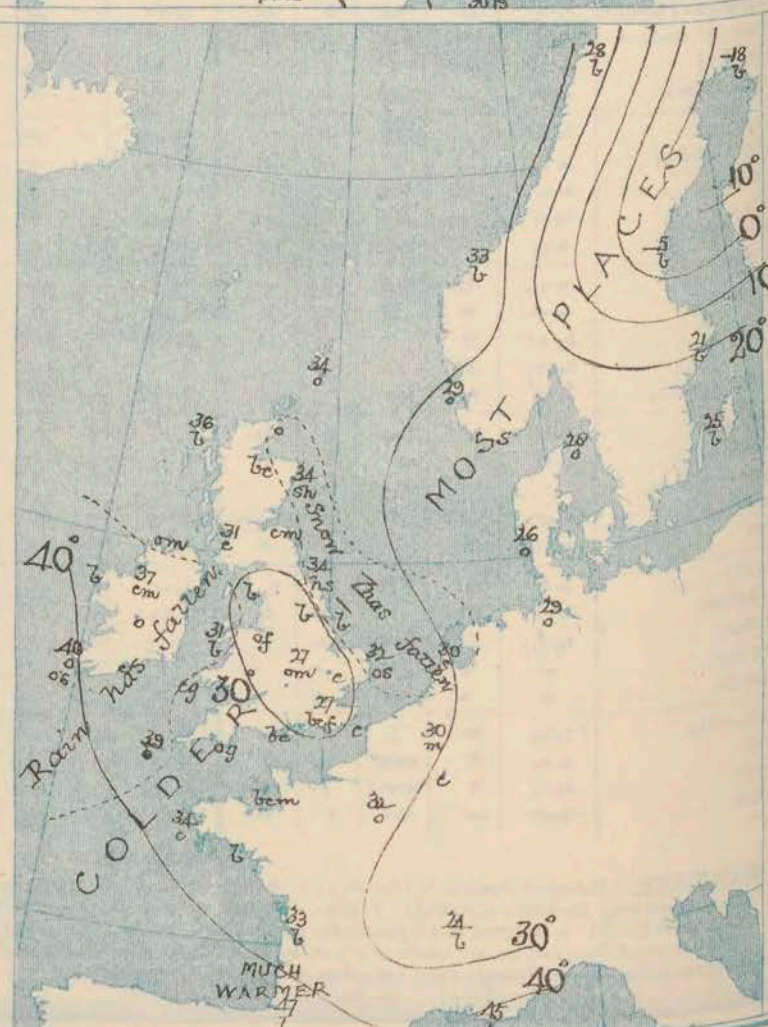
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	Avg. in Shade	Wet	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.4	39.0	37.7	3.97
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.53
Shields	48.7	35.9	38.8	37.5	1.63
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.93
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.59
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	38.7	37.9	36.8	1.50
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE — The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 20 years 1866-85.





# REMARKS.

for Wednesday 24<sup>th</sup> February 1886 at 8 a.m.

In the course of the past twentyfour hours a further slight rise of the barometer has taken place in Sweden, and the anticyclone over the Gulf of Bothnia has now increased to the height of 30.9 ins. Elsewhere, however, the barometer has fallen steadily, and an area of relatively low pressure is still lying off our southwest coasts. Light or moderate NE<sup>ly</sup> breezes prevail over our midland and southeastern counties, but elsewhere the wind is E<sup>ly</sup> or SE<sup>ly</sup>; on our extreme west and southwest coasts it blows strongly, and at Melnullet there is a SE<sup>ly</sup> gale. The weather varies greatly in different localities, but over the greater part of our Islands it is cloudy, and on our eastern coasts showers of hail or snow are falling. Rain fell yesterday at several of the western stations, and snow showers in the N+E. Temperature has fallen in most places and readings over our Islands now range from 41° at Roche's Point to 25° at Clifford. Sharp frost occurred last night in many parts of the Kingdom. The sea is rather rough in the southwest as well as at Aberdeen, moderate to smooth elsewhere.

There is at present no sign of any very decided change, but a further increase of wind from E or SE may possibly take place on our western and southwestern coasts.

## FORECASTS

for the 24 hours ending at NOON on 25<sup>th</sup> February 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	SE <sup>ly</sup> winds, freshening; unsettled, some snow showers.	6 { SCOTLAND WEST	E <sup>ly</sup> winds, light; cloudy generally.
7 { SCOTLAND EAST	-----D°-----D°-----	7 { ENGLAND N.W.	Same as Nos 2 and 3.
2 { ENGLAND N.E.	E <sup>ly</sup> winds, freshening; unsettled, some snow showers.	8 { ENGLAND S.W.	E <sup>ly</sup> and SE <sup>ly</sup> winds, strong, a gale in places; dull, some cold rain or sleet.
3 { ENGLAND EAST	-----D°-----D°-----	9 { IRELAND NORTH	-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D°-----D°-----
5 { ENGLAND SOUTH	NE <sup>ly</sup> to E <sup>ly</sup> winds, moderate; cloudy probably some snow	WARNINGS	The N. cone was hoisted yesterday in districts 7. to 10.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.55	35	32	E	2	c	4	Holyhead	30.27	36	35	E	3	sm	2
Sumburgh Head	30.49	36	32	ESE	3	c	3	Valencia	30.01	46	44	SE	5	o	5
Stornoway	30.38	42	38	ESE	5	b	5	Scilly	30.14	42	40	SE	4	ops	3
Aberdeen	30.42	37	35	E	3	beps	4	Dungeness	30.25	33	33	ESE	4	o	4
Shields	30.35	38	34	SE	2	cps	3	London	30.28	34	32	S	2	omph	*
Ardrossan	30.34	37	35	ESE	3	c	3	Yarmouth	30.28	33	32	ENE	4	s	4
Malin Head	30.24	36	35	ESE	5	o	4	Jersey	30.20	36	32	ESE	3	o	3
Mullaghmore	30.13	42	40	ESE	6	r	5	Rochefort	30.17	44	40	E	5	b	2
Belmullet	30.08	37	36	ESE	4	o	*								

## REMARKS.

The barometer is now falling generally, the change being greater in the west of Ireland and at Rochefort than elsewhere. The wind has varied a little on our western coasts, but in other places no material change is reported. Dull, unsettled weather prevails generally, with some showers on our east and south-east coasts, as well as at Holyhead, and rain at Mullaghmore and Scilly. The sea is rather rough at Stornoway, Mullaghmore, and Scilly, moderate to smooth elsewhere.



for *Thursday* — 25<sup>th</sup> February 1886.  
Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Thursday — 25<sup>th</sup> February

1886.

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

EXPLANATION OF COLUMNS.

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) or 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.

\* The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred<sup>d</sup> Danyerseld Lith London



# WEATHER CHARTS

For 8 a.m. on

Thursday, 25<sup>th</sup> February.

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer**—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind**—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—

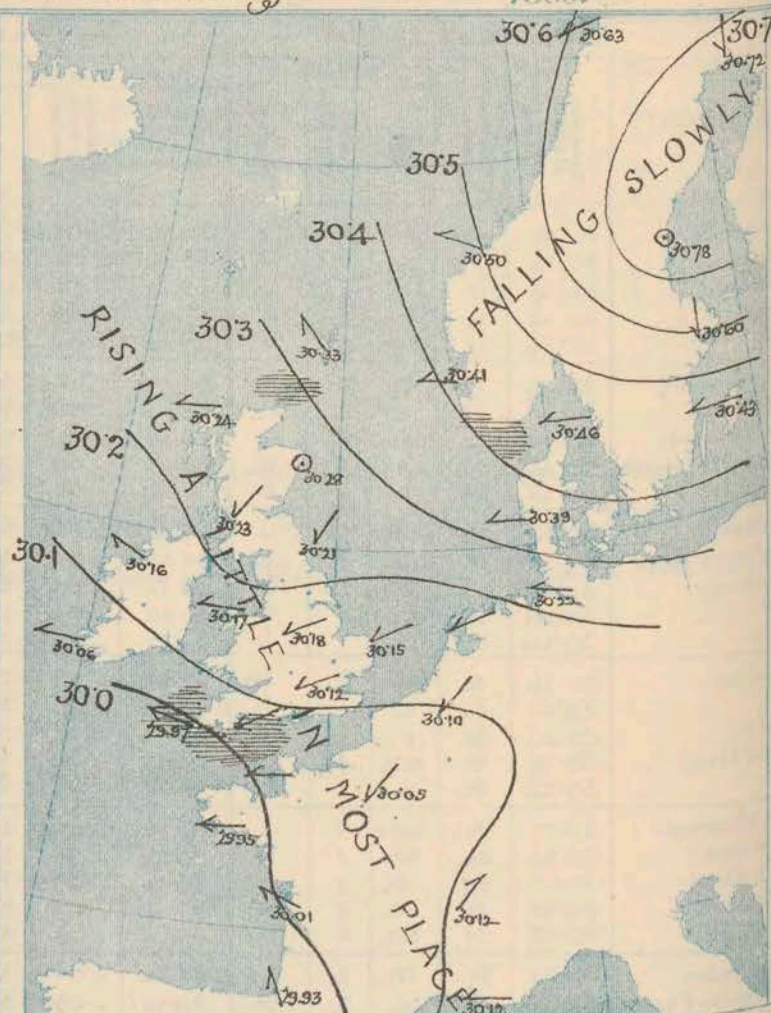
→ = forces above 10; →→ = forces 8 to 10;  
→→ = forces 5 to 7; → = forces 1 to 4;  
○ = dead calm.

**Sea Disturbance**—where considerable is shown thus:  
— Rough — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.781
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.856
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature**—Isotherms are drawn for each 10° Changes since previous morning are stated in words.

**Weather**—is shown by Letters of the Beaufort Scale.

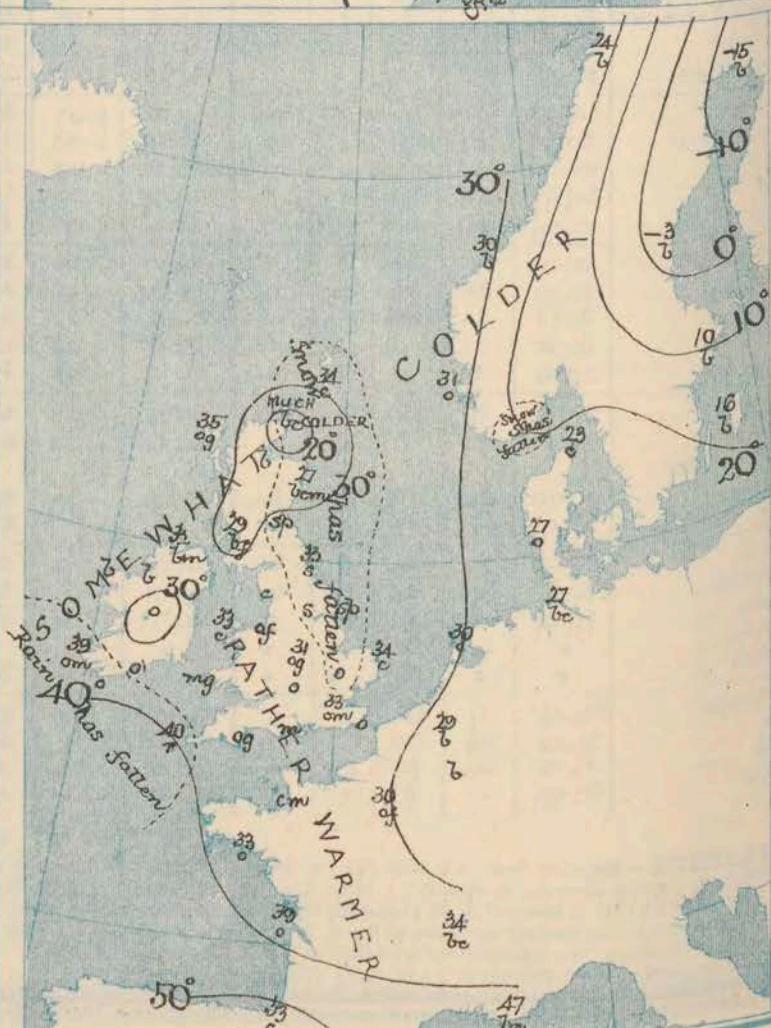
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max	Daily Min.	Average Dry	Average Wet	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	3.97
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.61
Aberdeen	42.8	34.2	37.5	35.9	3.51
Leith	46.5	34.4	38.9	37.6	1.53
Shields	48.7	35.9	38.8	37.5	1.63
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	35.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.8	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.0	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.93
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.08
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

Note—The Temperature means are for the 10 years 1871—80, the Beaufort means are mainly those for the 20 years 1868—85.





# REMARKS.

for Thursday 25<sup>th</sup> February 1886 at 8 a.m.

An anticyclone still lies over the Gulf of Bothnia and an area of relatively low pressure to the southward of our Islands; but the barometer is now falling in the former locality, while it is rising slightly in most other places, and readings are therefore more uniform than they were yesterday. The wind is light and variable in the East of Scotland, but elsewhere it is chiefly E<sup>z</sup>, and at Selly it blows strongly. The weather is fine over the greater part of Scandinavia, as well as on our north and north-west coasts, but cloudy elsewhere with rain at Selly, and snow showers in the north and north-east of England. A little snow fell yesterday at many of our northern and eastern stations. Temperature has risen a few degrees over England and the west of France, but fallen in Ireland and Scotland; readings over our Islands now range from 40° at Selly to 18° at Wick. Sharp frost occurred last night in many parts of the Kingdom, the lowest readings being 16° at Wick and 22° at Nain. The sea is rather rough at the mouth of the Channel, and a heavy ground swell is reported at Wick.

No important change is likely at present.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 18<sup>th</sup> Inst. icebergs were seen in Lat 47° N. Long 46° W.

## FORECASTS

for the 24 hours ending at NOON on 26<sup>th</sup> February. 1886.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Calms or E <sup>z</sup> airs; fair generally.	6 { SCOTLAND WEST	E <sup>z</sup> winds, light or moderate; fair generally.
1 { SCOTLAND EAST	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	7 { ENGLAND N. W.	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
2 { ENGLAND N. E.	E <sup>z</sup> and NE <sup>z</sup> winds, moderate; unsettled, some snow showers.	8 { ENGLAND S. W.	E <sup>z</sup> winds, fresh or strong; dull, possibly some rain.
3 { ENGLAND EAST	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	9 { IRELAND NORTH	Same as No 6.
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	E <sup>z</sup> winds, moderate; dull, possibly some rain.
5 { ENGLAND SOUTH	NE <sup>z</sup> winds, light or moderate; cloudy, possibly some snow.	WARNINGS	The north cone has been lowered this morning in districts 7, 8 and 10.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.45	33	28	E	4	C	3	Holyhead	30.17	37	33	E	1	bc	1
Sumburgh Head	30.36	34	32	ESE	3	C	3	Valencia	29.97	41	40	ESE	5	opgm	5
Stornoway	30.25	41	37	SE	5	b	5	Scilly	29.97	44	37	ESE	7	0	6
Aberdeen	30.27	36	33	ESE	3	csp	4	Dungeness	30.44	34	34	ESE	2	C	2
Shields	30.21	40	36	E	2	sp	3	London	30.14	36	38	NE	2	om	*
Ardrossan	30.21	37	35	E	3	C	2	Yarmouth	30.14	34	33	NE	3	C	4
Malin Head	30.13	38	35	SE	3	bc	2	Jersey	30.04	35	33	E	4	0	3
Mulhaghmore	30.10	38	34	ESE	5	C	4	Rochefort	30.02	50	46	SE	4	0	2
Belmullet	30.06	40	37	SE	6	b	*								

## REMARKS.

The barometer continues to fall slowly in most places and the wind at Scilly has increased to a moderate gale from ESE. Snow showers are falling at Aberdeen and Shields and rain at Valencia, but at most other stations the weather is fair. The sea is rough at Scilly, rather rough at Stornoway and Valencia, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Friday 26<sup>th</sup> February 1886.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

Issued by the meteorological Office, No. Victoria Street, London, W. N. 500 P. 1. Secretary.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.55	5	Z	0	0	30.53	-14	?	?	?	Z	4	0	*	15	-17	-	
Hernösand	30.65	2	Z	0	0	30.62	-16	5	5	+8	N	2	0	*	16	-6	-	
Stockholm	30.52	18	N	2	0	30.50	-10	14	14	+4	N	2	0	*	25	9	-	
Wisby	30.40	17	E	4	0	30.36	-07	22	21	+6	EHE	4	6c	*	27	14	-	
Bodo	30.62	24	EHE	2	0	30.58	-05	29	25	+5	EHE	2	6	1	21	21	-	
Christiansund	30.44	29	ESE	2	0	30.45	-05	26	23	-4	ESE	1	6	2	36	21	-	
Skudenes	30.41	31	ESE	2	0	30.41	-00	28	24	-8	EHE	4	6	3	?	?	-	
Oslo (Christiansund)	30.41	21	NHE	8	0	30.44	-01	19	18	-1	NHE	6	0	4	21	19	0.04	
Skagen (The Skaw)	30.40	24	E	4	0	30.42	-04	20	20	-2	E	4	6c	0	25	19	-	
Faro	30.21	28	E	4	0	30.17	-22	27	26	-6	E	4	0	*	28	27	-	
Cuxhaven	30.20	30	ESE	2	0	30.17	-05	29	29	+2	EHE	3	5	*	30	?	-	
Sumburgh Head	30.36	32	E	2	0	30.30	+06	31	29	-3	NHE	2	0	1	37	25	0.04	
Stornoway	30.27	33	NHE	2	0	30.30	+06	34	33	-1	ESE	4	6	3	42	29	-	
Wick	30.29	35	SE	4	0	30.37	+09	34	33	+16	SSE	3	6c	2	37	18	0.08	
Nairn	30.27	32	ESE	1	0	30.34	+07	23	22	-1	S	1	6c	1	39	21	-	
Aberdeen	30.28	33	EHE	4	0	30.34	+06	30	29	+8	NHE	3	0	4	35	25	0.12	
Leith	30.25	34	EHE	1	0	30.31	+08	32	31	-1	NHE	1	0	*	36	29	0.06	
Shields	30.21	35	NHE	1	0	30.28	+07	32	32	-1	WSW	2	0	3	37	25	0.24	
Spurn Head	30.17	35	NHE	3	0	30.18	+01	31	31	-4	NW	4	6c	4	34	30	0.02	
York	30.21	34	N	1	0	30.27	+06	29	29	+2	N	1	0	*	39	27	0.02	
Loughborough	30.18	34	NHE	2	0	30.25	+07	29	28	-2	NW	2	0	*	37	27	-	
Androsan	30.24	33	EHE	1	0	30.32	+09	31	30	+2	NHE	3	0	1	38	26	-	
Malin Head	30.22	34	SE	3	0	30.25	+05	33	32	+1	SE	3	0	2	38	31	-	
Mullaghmore	30.19	35	ESE	4	0	30.24	+08	35	31	+8	SSE	5	0	2	39	32	-	
Belmullet	30.18	36	SE	3	0	30.19	+05	34	32	+3	SSE	4	0	*	40	30	-	
Donaghadee	30.25	36	SE	2	0	30.31	+09	34	32	0	E	2	0	0	37	33	-	
Barrow-in-Furness	30.20	33	NHE	1	0	30.27	+07	32	28	+1	NHE	2	0	*	39	27	-	
Liverpool (Bidston)	30.20	35	EHE	1	0	30.29	+11	29	28	-3	EHE	1	0	1	38	28	-	
Holyhead	30.20	35	E	2	0	30.29	+12	30	29	-3	SE	1	0	1	38	30	-	
Parsonstown	30.19	35	Z	0	0	30.30	+14	33	31	+4	Z	0	0	*	39	28	-	
Valencia	30.14	39	ESE	1	0	30.24	+18	38	36	-1	E	2	0	3	45	31	-	
Roche's Point	30.14	35	EHE	4	0	30.24	+17	38	36	+2	E	3	0	4	42	34	-	
Pembroke	30.13	36	E	3	0	30.28	+18	32	29	0	E	2	0	1	37	31	-	
Seilly	30.02	41	E	5	0	30.23	+26	38	35	-2	EHE	4	0	4	42	36	0.01	
Prawle Point	30.07	36	EHE	4	0	30.24	+20	32	30	-5	NHE	4	0	4	39	30	-	
Hurst Castle	30.09	36	EHE	4	0	30.22	+12	30	29	-4	NHE	4	0	2	41	28	-	
Dungeness	30.07	37	E	4	0	30.15	+06	32	32	-4	NHE	4	0	3	40	31	-	
London	30.14	35	NHE	3	0	30.22	+10	31	30	-2	NHE	1	0	*	36	28	-	
Oxford	30.17	31	NHE	1	0	30.25	+10	27	27	-5	N	1	0	*	35	25	-	
Cambridge	30.18	33	NHE	1	0	30.23	+07	29	28	-3	NW	1	0	*	38	25	-	
Yarmouth	30.14	34	NHE	3	0	30.17	+02	34	33	0	N	1	0	4	35	32	-	
The Helder	30.13	31	EHE	1	0	30.12	-01	32	31	+2	NHE	1	0	1	32	30	-	
Cape Gris Nez	30.01	37	EHE	4	0	30.15	+13	37	36	+3	NHE	4	0	3	40	34	0.16	
Jersey	29.95	39	E	4	0	30.14	+19	39	38	+2	NHE	4	0	4	41	34	0.59	
Brest	29.95	42	E	4	0	30.12	+17	40	38	+7	NHE	5	0	3	45	28	0.04	
Lorient	30.00	51	SW	4	0	30.08	+07	45	44	+6	SW	4	0	1	61	36	-	
Rochefort	29.99	53	Z	0	0	30.07	+14	52	50	-1	SW	4	0	1	61	34	-	
Biarritz	*	*	*	*	*	30.09	-01	30	30	+1	NHE	1	0	*	40	?	0.04	
Coranna	*	*	*	*	*	30.09	-01	30	30	+1	NHE	1	0	*	40	?	0.04	
Brussels	*	*	*	*	*	30.09	-01	30	30	+1	NHE	1	0	*	40	?	0.04	
Charleville	30.04	39	Z	0	0	29.98	-08	36	35	+9	Z	0	0	*	48	?	-	
Paris	30.40	42	NHE	3	0	30.07	+02	34	33	+4	N	3	0	*	*	*	0.28	
Lyons	30.06	46	S	3	0	30.07	-05	36	35	+2	S	1	0	*	55	?	-	
Toulon	30.11	49	Z	0	0	30.07	-05	46	43	-1	E	5	0	*	57	43	0.32	

## EXPLANATION OF COLUMNS.

**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.  
† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

for 8 a.m. on

Friday

26<sup>th</sup> February

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ — forces above 10; → — forces 8 to 10;

→ — forces 5 to 7; → — forces 1 to 4;

○ — dead calm.

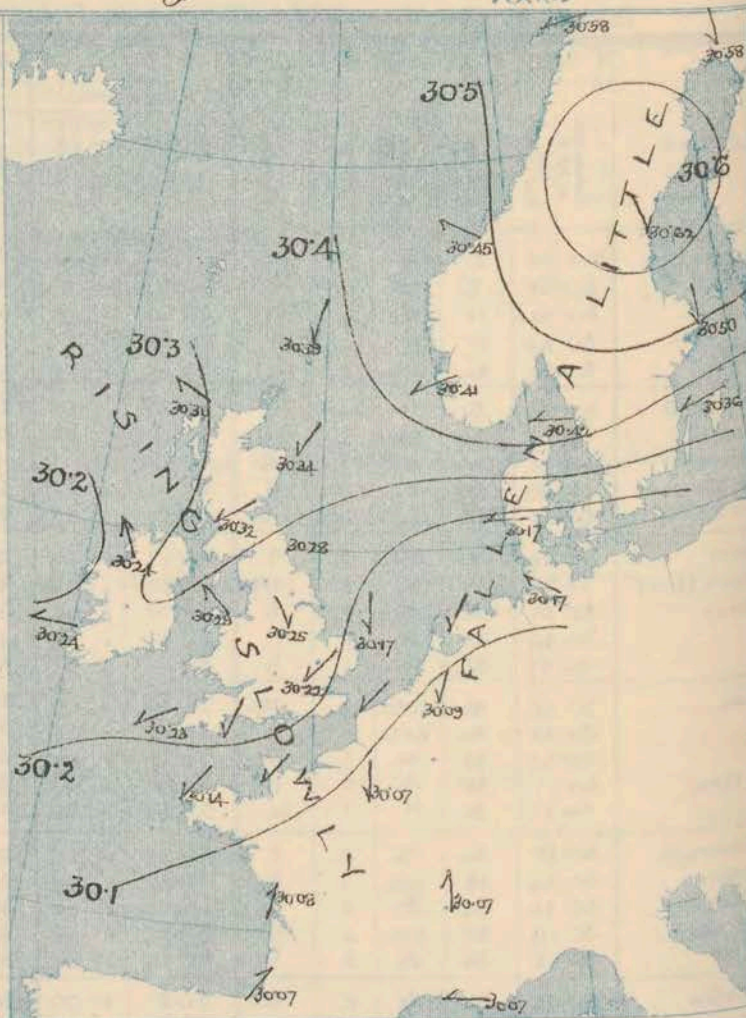
**Sea Disturbance** — where considerable is shown thus

■ — Rough. ■ — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
During the 10 Years 1871-1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Doughlaheen	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.887
Scilly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.

**Weather** — is shown by letters of the Beaufort Scale.

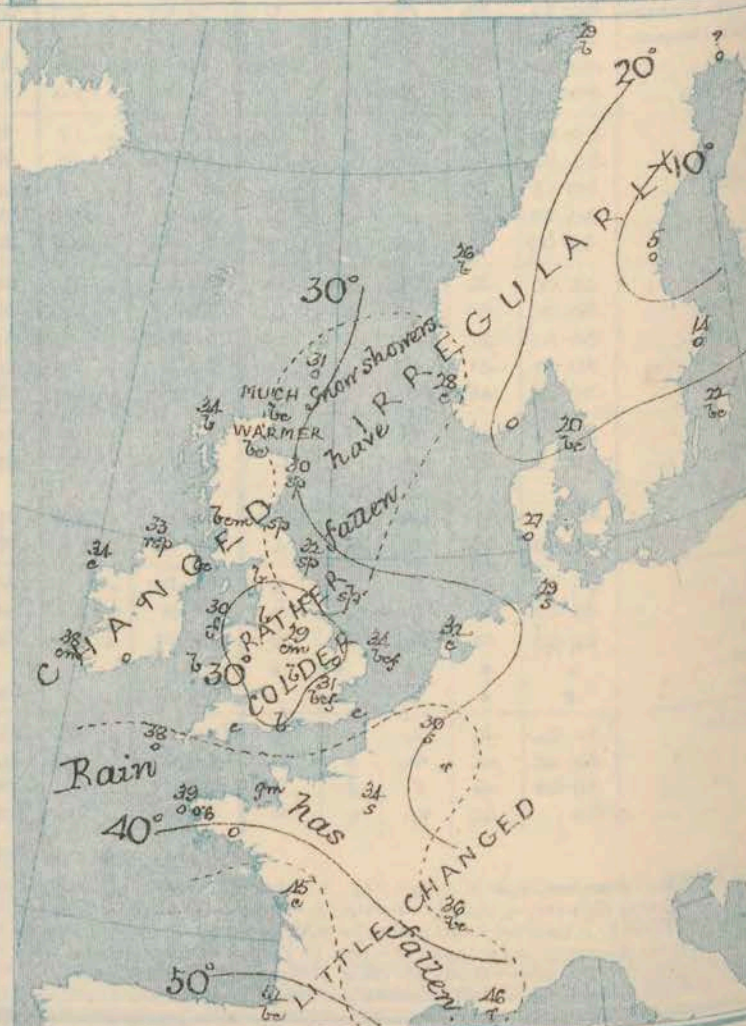
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	3.97
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	31.4	38.9	37.6	1.58
Shields	43.7	35.9	38.8	37.5	1.63
York	44.0	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Doughlaheen	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.0	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	1.36
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.98
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

Note — The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 20 years 1866-85.





# REMARKS.

for Friday 26<sup>th</sup> February 1886 at 8 a.m.

Since yesterday morning the barometer has risen slightly in most parts of our Islands and France, but fallen in Sweden, Denmark, and the Netherlands. As a result of these changes the anticyclone over the north of Sweden has been further reduced in height, while the area of relatively low pressure, which lay over the Bay of Biscay yesterday, has moved eastwards over France. The wind is SE<sup>3</sup> on our extreme north and northwest coast, but elsewhere it varies between E. and N.; in force it is light or moderate generally. The weather is fair over the greater part of our Islands and also at several of the continental stations, but snow showers are falling on the northeast coasts of Great Britain, steady snow is reported at Copenhagen, Brussels and Paris, and rain at Charleville. Temperature has fallen a few degrees in the east and south, and readings now range from 38° at Valencia, Rock Point, and Sully to 23° at Cairn. Sharp frost occurred last night in many parts of the Kingdom. The sea is moderate to smooth.

There is no sign of any very decided change, but the snow which is reported over the Netherlands and northeast of France may possibly extend to our south-eastern coasts.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington telegraphs that on the 24<sup>th</sup> inst: a fresh gale from NW. was experienced in lat: 41° N. Long: 68° W. the barometer at 8 am standing at 30.2 ins:

# FORECASTS

for the 24 hours ending at NOON on 27<sup>th</sup> FEBRUARY 1886.

( Issued at 11 a.m. on the previous day. )

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE <sup>2</sup> and E <sup>2</sup> winds, moderate; fair generally.	6 { SCOTLAND WEST	NE <sup>2</sup> and E <sup>2</sup> winds, light; fair generally, local fogs.
1 { SCOTLAND EAST	NE <sup>2</sup> and N <sup>2</sup> winds, moderate; unsettled, some snow showers.	7 { ENGLAND N. W.	----- D° ----- D° ----- D° -----
2 { ENGLAND N. E.	----- D° ----- D° ----- D° -----	8 { ENGLAND S. W.	NE <sup>2</sup> winds, moderate; fair generally.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	Same as No 0
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	Same as No 8
5 { ENGLAND SOUTH	NE <sup>2</sup> and N <sup>2</sup> winds, moderate; fair at first, less settled later, perhaps snow.	WARNINGS NONE ISSUED.	



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	30.42	33	28	WNW	2	C	9	Holyhead	30.18	37	33	E	4	bc	2
Sumburgh Head	30.35	36	33	SSE	4	bc	4	Valencia	30.10	44	40	ESE	4	bm	4
Stornoway	30.26	42	38	SE	4	b	4	Scilly	30.00	42	40	E	5	0	5
Aberdeen	30.28	32	31	WNW	3	b sp	6	Dungeness	30.07	39	37	E	4	0	3
Shields	30.22	37	35	NE	2	sp	3	London	30.13	36	34	NE	1	om	*
Ardrossan	30.23	36	35	ESE	2	bc	1	Yarmouth	30.14	35	33	NE	3	0	3
Malin Head	30.19	35	32	SE	3	b	2	Jersey	30.00	40	37	ESE	3	0	3
Mullaghmore	30.18	37	33	ESE	5	bc m	3	Rochefort	30.03	56	51	SE	4	bc	2
Belmullet	30.16	40	36	SE	5	b	*								

## REMARKS.

The barometer is rising a little at all stations excepting Dungeness and Yarmouth, but no change has occurred in the winds or weather. Snow showers are still falling at Aberdeen and Shields. A heavy ground swell is reported at Aberdeen and a rather rough sea at Scilly.



# DAILY WEATHER REPORT

for Saturday 27<sup>th</sup> February 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			SHADE TEMP.		
			Dir.	Force (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).		Max.	Min.	Amount of Rainfall.
Haparanda	30.64	15	N	2	b	b	30.68	+10	3	3	?	N	2	b	27	?	-
Hernösand	30.64	24	NE	2	s	s	30.75	+13	22	21	+14	Z	0	bc	33	-4	-
Stockholm	30.48	23	N	2	o	o	30.58	+08	31	?	+14	NNE	2	c	?	12	-
Wisby	30.36	26	ENE	4	o	o	30.84	+01	24	23	+2	ENE	4	o	28	14	-
Bodo	30.65	25	ENE	3	b	b	30.85	+02	22	22	-	ENE	4	o	?	21	-
Christiansund	30.49	29	ERE	2	b	b	30.52	+04	21	19	-5	ERE	1	b	34	18	-
Skudesnaes	30.46	28	EHE	2	b	b	30.53	+12	26	23	-2	NNE	2	b	36	?	-
Oxö (Xtiansund)	30.46	23	EHE	8	o	o	30.55	+11	23	22	+4	NE	6	o	25	?	-
Skagen (The Skaw)	30.47	20	EHE	4	b	b	30.54	+12	21	20	+1	E	4	o	23	?	-
Faño	30.24	24	EHE	6	c	c	30.84	+14	26	25	-1	EHE	6	c	28	25	-
Cuxhaven																	
Sumburgh Head	30.41	32	SE	2	bc	bc	30.46	+04	33	30	+2	SE	2	c	34	24	0.02
Stornoway	30.26	36	ESE	5	om	om	30.29	-01	33	32	-1	ESE	5	bc	40	32	-
Wick	30.34	35	SSE	5	o	o	30.39	+02	34	33	0	SE	4	o	34	32	0.03
Nairn	30.33	31	SE	2	b	b	30.32	-02	31	29	+8	E	1	c	34	21	-
Aberdeen	30.36	34	SE	4	osp	osp	30.36	+02	34	33	+4	SE	3	s	34	29	0.11
Leith	30.31	34	NE	2	bc	bc	30.29	-02	30	30	-2	SSW	1	o	38	24	-
Shields	30.29	35	NE	1	esp	esp	30.31	+03	31	31	-1	SE	2	sp	38	28	0.08
Spurn Head	30.23	34	NW	4	bc	bc	30.24	+01	31	31	0	NW	1	s	34	29	0.03
York	30.24	34	N	1	c	c	30.30	+03	26	26	-3	N	1	bc	39	25	0.01
Loughborough	30.26	35	NW	1	c	c	30.29	+04	26	25	-3	Z	0	of	41	25	-
Ardrossan	30.29	34	E	2	om	om	30.26	-06	31	30	0	E	3	cm	39	29	-
Malin Head	30.17	32	SE	4	os	os	30.08	-14	33	30	0	SE	4	s	38	30	0.01
Mullaghmore	30.12	40	SE	6	om	om	30.02	-22	34	36	+2	SE	5	og	40	31	0.14
Belmullet	30.08	42	SE	6	o	o	30.00	-19	39	39	+5	ESE	1	c	42	34	0.53
Donaghadee	30.29	33	SSE	2	s	s	30.20	-11	34	35	+3	SSE	3	bc	38	33	0.04
Barrow-in-Furness	30.29	35	N	2	b	b	30.26	-01	36	?	+2	NE	2	b	38	29	-
Liverpool (Bidston)	30.29	34	NW	1	b	b	30.26	-03	30	28	+1	ESE	2	bc	34	29	-
Holyhead	30.29	36	Z	0	o	o	30.23	-06	32	31	+2	SE	2	cm	41	30	-
Parsonstown	30.22	36	SE	2	o	o	30.06	-24	38	34	+5	SE	3	h	42	32	0.19
Valencia	30.14	41	SSE	4	omg	omg	30.05	-19	39	39	+1	Z	0	bc	44	34	0.39
Roche's Point	30.24	42	S	4	o	o	30.03	-21	45	44	+4	Z	0	c	46	38	0.25
Pembroke	30.29	35	WNW	1	c	c	30.14	-11	40	39	+8	SSE	6	o	40	32	-
Scilly	30.28	39	ESE	1	o	o	30.15	-08	45	43	+4	S	6	o	45	36	-
Prawle Point	30.30	36	NE	2	b	b	30.25	+01	39	36	+4	SSE	3	c	43	32	-
Hurst Castle	30.29	36	NNE	3	b	b	30.29	+04	34	32	+4	EHE	2	m	41	28	-
Dungeness	30.21	35	NW	3	c	c	30.28	+13	26	25	-6	N	3	bc	40	24	-
London	30.26	35	NW	1	bf	bf	30.29	+04	29	28	-2	Z	0	of	38	25	-
Oxford	30.28	33	NNE	2	o	o	30.30	+05	29	28	+2	Z	0	of	40	26	-
Cambridge	30.16	33	N	1	b	b	30.29	+06	26	25	-3	Z	0	b	41	21	-
Yarmouth	30.18	34	N	3	c	c	30.24	+04	33	32	-1	NW	2	cm	36	30	0.03
The Helder	30.11	32	N	1	s	s	30.14	-05	30	30	-2	NNE	3	o	36	30	0.08
Cape Gris Nez																	
Jersey	30.28	36	NNE	2	bm	bm	30.28	+13	36	33	-1	SSW	3	cm	40	34	-
Brest	30.24	39	NE	3	o	o	30.23	+09	38	36	-1	SSE	4	o	41	34	-
Lorient	30.19	40	EHE	5	o	o	?	?	38	36	-2	E	4	o	46	32	-
Rochefort	30.26	42	NNE	5	m	m	30.34	+26	36	33	-9	ESE	5	o	55	30	-
Biarritz	30.19	50	W	4	o	o	30.24	+14	43	41	-9	EHE	3	m	54	41	-
Corunna	*	*	*	*	*	*	30.09	?	42	42	-	E	4	b	59	39	-
Brussels	*	*	*	*	*	*	30.18	+09	32	32	+2	NW	3	s	34	?	0.04
Charleville	30.10	30	NE	4	o	o	?	?	24	22	-12	E	1	c	?	22	0.28
Paris	30.21	35	NE	4	bc	bc	30.33	+26	33	32	-1	Z	0	b	*	*	0.20
Lyons	30.04	44	W	1	o	o	30.31	+24	30	28	-6	N	4	o	51	30	0.16
Toulon	30.05	43	E	4	o	o	30.02	-05	42	40	-4	NW	3	m	52	41	0.30

## EXPLANATION OF COLUMNS.

**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.  
 † The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 \* These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

for 8 a.m. on Saturday, 27<sup>th</sup> February, 1886.

## BAROMETER, WIND & SEA.

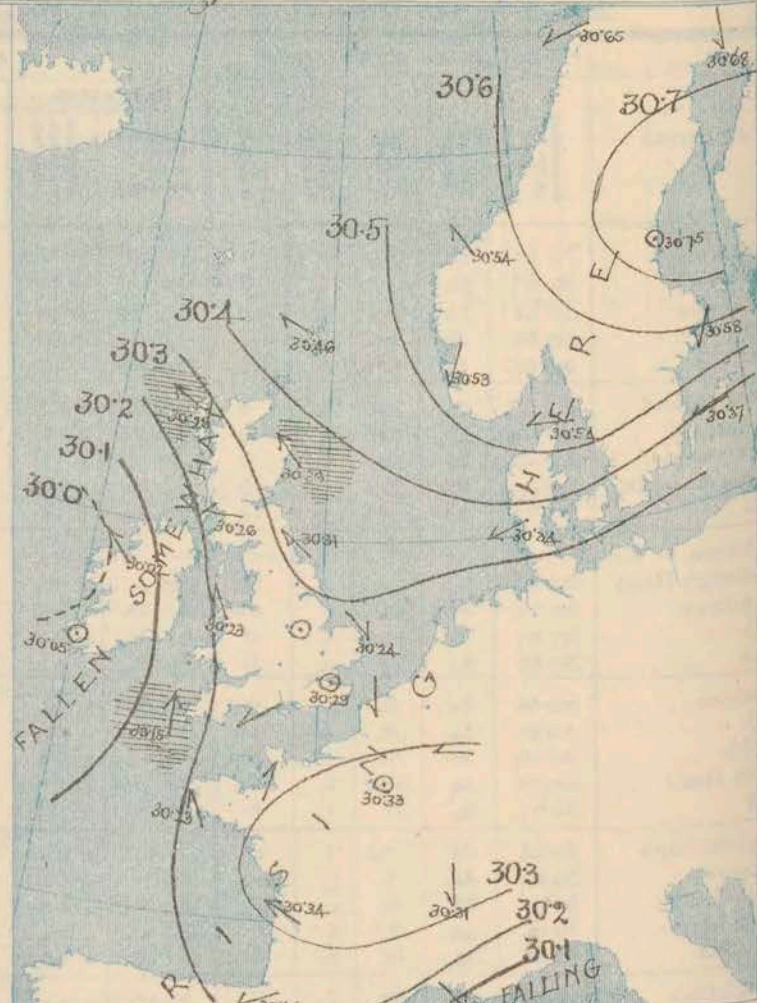
(Explanation of Map)

**Barometer**—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind**—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—  
 — forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces 1 to 4;  
 ⊙ = dead calm.  
**Sea Disturbance**—where considerable is shown thus  
 — Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.731
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.857
Selly	29.925
Hurst Castle	29.938
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

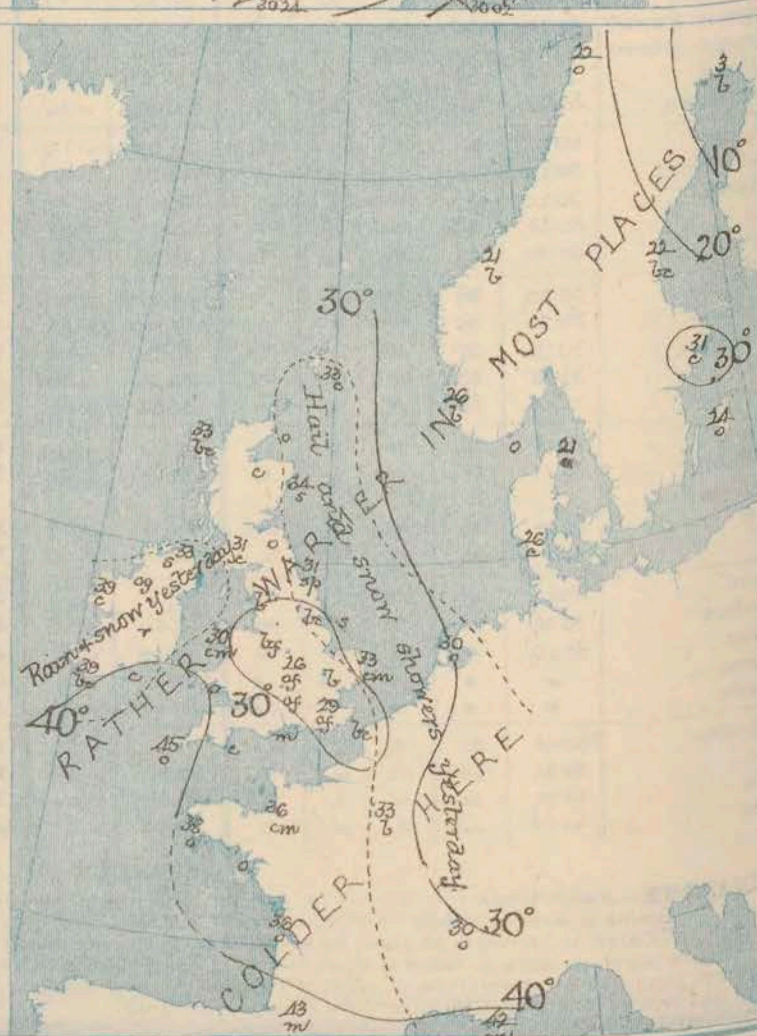
**Temperature**—Isotherms are drawn for each 10° Changes since previous morning are stated in words.  
**Weather**—is shown by Letters of the Beaufort Scale.  
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max	Daily Min.	At 8 a.m. Dry.	Wet.	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	3.97
Wick	43.3	33.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.51
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	43.5	34.4	38.9	37.6	1.58
Shields	43.7	35.9	38.8	37.5	1.63
York	44.9	33.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Selly	49.5	43.9	46.7	45.1	2.98
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Saturday 27<sup>th</sup> FEBRUARY 1886 at 8 a.m.

Since yesterday morning a depression has appeared off the west of Ireland, and the barometer has fallen somewhat at all our western and southwestern stations. Elsewhere, however, the mercury has risen; and the anticyclone over Sweden has again increased in height, while a new high pressure system has been formed over France. Fresh or strong NE<sup>3</sup> breezes prevail on the eastern shores of the North Sea, and light N<sup>3</sup> breezes on the east and south-east coasts of England, but at the central stations calms are reported, while in the west and north the wind is moderate or fresh from the SE<sup>3</sup>. The weather is cloudy in most places, with thick fog over Central England, and snow on our north-east coasts as well as at Malin Head. Since yesterday, rain has fallen at some of our western stations, and hail or snow showers have been experienced in the north and north-east. Temperature has risen a few degrees in the west and north, and readings now range from 45° at Rockpoint and Scilly to 26° at York, Loughborough, Cambridge, and Dungeness. Frost occurred last night in many parts of the Kingdom; in London the thermometer on the grass fell to 20°. The sea is rather rough at Hornsey, Aberdeen, and Scilly, moderate to smooth elsewhere.

The continued fall of the barometer in the west may possibly occasion a considerable freshening of the SE<sup>3</sup> wind on our north and north-west coasts.

## FORECASTS

for the 24 hours ending at NOON on 28<sup>th</sup> FEBRUARY 1886.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SE <sup>3</sup> winds, increasing in force; unsettled, some snow.	6 SCOTLAND WEST	Same as No 0.
2 SCOTLAND EAST	----- D <sup>3</sup> ----- D <sup>3</sup> ----- D <sup>3</sup> -----	7 ENGLAND N.W.	SE <sup>3</sup> winds, moderate; cloudy, local fogs.
3 ENGLAND N.E.	N <sup>3</sup> to E <sup>3</sup> winds, moderate; unsettled, some snow.	8 ENGLAND S.W.	S <sup>3</sup> winds, moderate or fresh; cloudy, some rain or sleet.
4 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Same as No 0
5 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	Light breezes, chiefly S <sup>3</sup> ; changeable, some rain.
6 ENGLAND SOUTH	Variable airs; dull, foggy.	WARNINGS	The south cone was hoisted last evening in districts 0, 1, 6, 9 and 10, but the signals have been lowered this morning in district 10.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.44	35	30	E.N.E.	4	C	3	Holyhead	30.30	39	35	Z	0	bc m	0
Sumburgh Head	30.41	36	35	N.E.	1	C	2	Valencia	30.22	44	41	S.E.	6	cm g	6
Stornoway	30.30	39	34	S.E.	5	6	5	Scilly	30.28	39	35	E.N.E.	1	0	2
Aberdeen	30.35	35	33	E.N.E.	4	csp	5	Dungeness	30.19	40	36	N.E.	4	C	4
Shields	30.26	37	35	N.E.	2	0	3	London	30.24	38	34	N.W.	2	cm	*
Ardrossan	30.31	38	35	E.S.E.	2	6	1	Yarmouth	30.17	36	33	N	4	C	4
Malin Head	30.21	31	31	S.E.	3	S	2	Jersey	30.23	40	36	N.E.	3	C	3
Mullaghmore	30.18	40	35	S.E.	6	cm	4	Rocheport	30.16	46	45	N.W.	5	m	2
Belmullet	30.14	42	39	S.S.W.	5	0	*								

## REMARKS.

The barometer is now falling a little on our extreme western coasts and the wind at Mullaghmore and Valencia has increased to a strong breeze from S.E. At our eastern stations, however, the barometer is rising, with moderate winds from N.E. or N. Snow showers are still falling at Aberdeen, but elsewhere the weather is fair. The sea is rough at Valencia, rather rough at Stornoway and Aberdeen.



for Sunday 28<sup>th</sup> February 1886.  
 Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

*Issued by the Meteorological Office, 116, Victoria Street, London, R. M. SCOTT, Secretary.*

EXPLANATION OF COLUMNS.

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

These Stations send Reports at 2 p.m. daily (Sundays excepted):

Feed<sup>r</sup> Bangorfield Lth London



# WEATHER CHARTS

For 8 a.m. on

Sunday

28<sup>th</sup> February

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

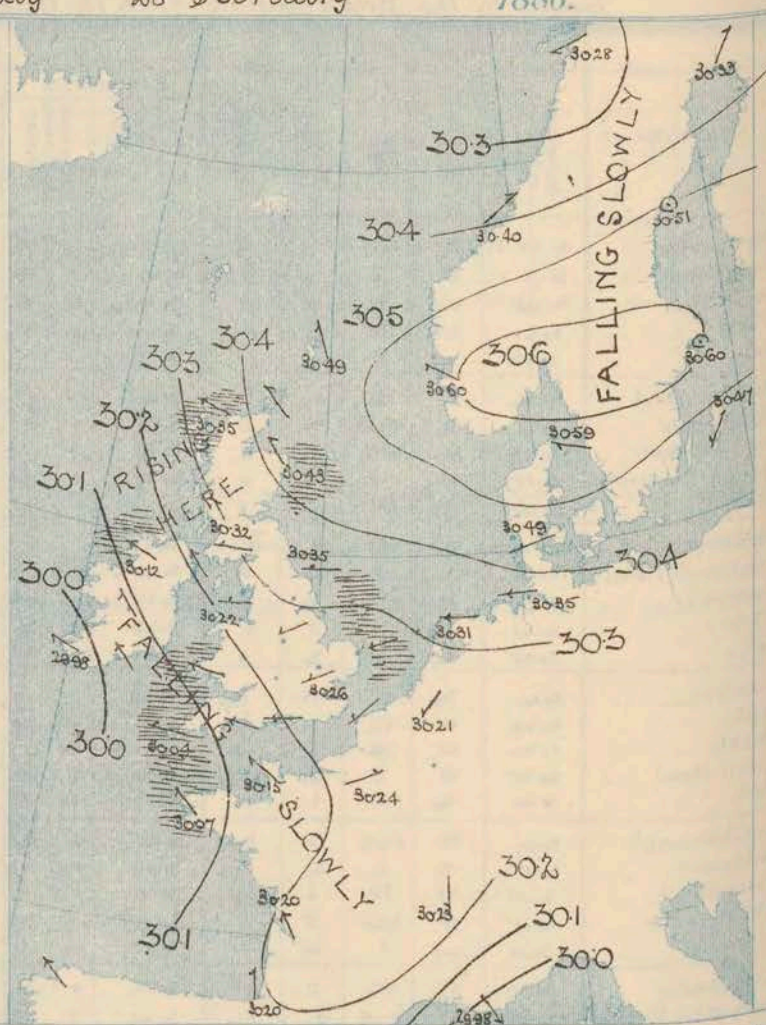
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces 1 to 4.  
 ☉ — dead calm.

**Sea Disturbance** — where considerable, is shown thus  
 [Hatched] — Rough. [Cross-hatched] — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of February.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.729
Wick	29.756
Nairn	29.773
Aberdeen	29.793
Leith	29.821
Shields	29.857
York	29.886
Ardrossan	29.827
Donaghadee	29.829
Holyhead	29.855
Liverpool	29.882
Valencia	29.870
Roche's Point	29.867
Pembroke	29.867
Scilly	29.925
Hurst Castle	29.935
Dover	29.946
LONDON	29.941
Oxford	29.934
Cambridge	29.930
Yarmouth	29.920



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

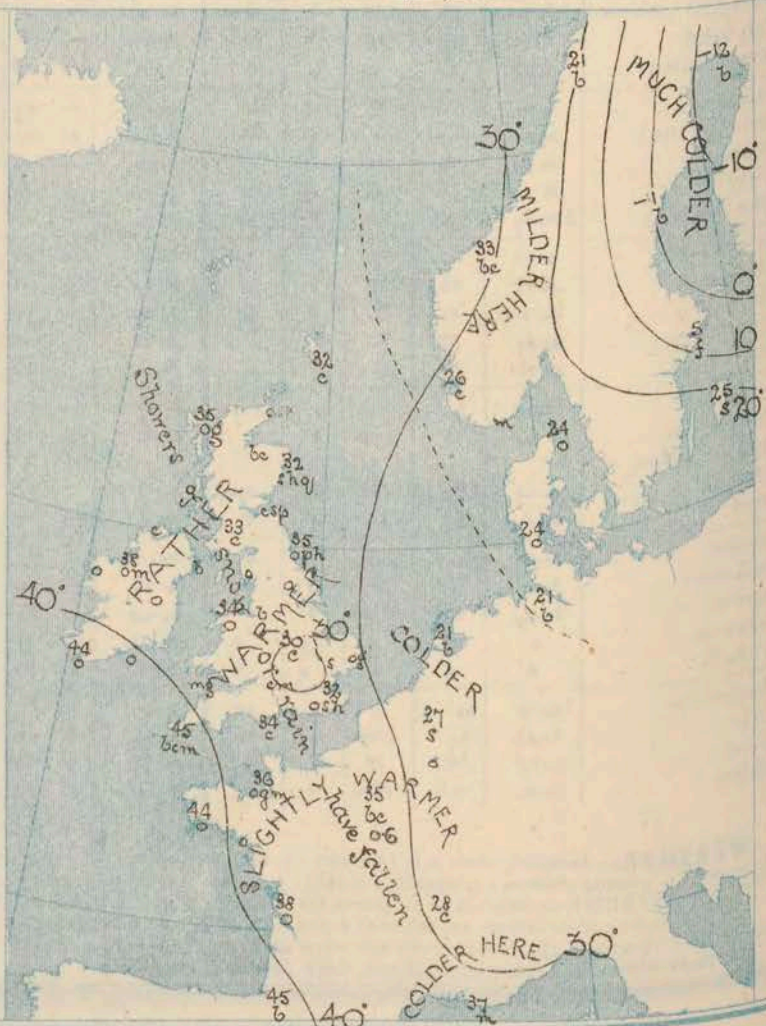
**Temperature** — Isotherms are drawn for each 10° Changes since previous morning are stated in words.  
**Weather** — is shown by Letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of February

STATIONS	TEMPERATURE				RAINFALL. (Inches)
	Daily Max	Daily Min.	At 8 a.m. Dry	At 8 a.m. Wet	
Sumburgh Head	42.5	34.5	38.4	37.6	3.29
Stornoway	43.1	34.6	39.0	37.7	3.97
Wick	43.8	35.3	38.3	36.8	2.02
Nairn	43.0	33.9	37.2	35.4	1.81
Aberdeen	42.8	34.2	37.5	35.9	2.51
Leith	46.5	34.4	38.9	37.6	1.53
Shields	43.7	35.9	38.8	37.5	1.63
York	44.9	38.6	37.7	36.7	1.88
Ardrossan	45.2	36.7	39.9	38.1	3.47
Donaghadee	45.4	37.1	40.6	39.6	2.71
Holyhead	46.1	39.2	42.0	40.5	2.90
Liverpool	44.9	36.4	39.6	38.0	1.85
Valencia	50.1	41.0	45.2	43.4	5.29
Roche's Point	48.4	40.0	43.6	42.1	4.86
Pembroke	46.1	40.0	42.8	41.5	3.20
Scilly	49.5	43.9	46.7	45.1	2.23
Hurst Castle	45.8	37.5	40.9	40.1	2.63
Dover	45.0	36.8	39.7	38.5	2.12
LONDON	46.4	35.4	39.3	38.2	1.89
Oxford	45.1	35.4	38.7	37.6	2.06
Cambridge	46.0	33.7	37.9	36.8	1.60
Yarmouth	42.9	34.7	38.5	37.9	2.02

*Notes* — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85





# REMARKS.

for Sunday 28<sup>th</sup> February

1886 at 8 a.m.

The anticyclone which lay over the Gulf of Bothnia yesterday has moved southwards, and the barometer has risen over Denmark, the Netherlands, and the greater part of our islands. Over France, our extreme south-west coasts, and the north of Scandinavia however, a fall has taken place and the lowest pressures are now found off the southwest of Ireland. The wind is SW<sup>1</sup> at Haparanda and Christiansund, and S<sup>1</sup> in the southwest of France, but elsewhere it varies between SE. and E.; in force it is light or moderate generally, but at some of our western stations strong breezes are reported. The weather is cloudy or overcast in most places, with showers of snow or hail on our north-east coast, and slight snow at Cambridge and in London. Snow showers fell yesterday in the north and east, and rain at some of our western stations. Temperature has fallen considerably in Sweden, but changed little and irregularly elsewhere; readings now range from 45° at Lillo to 28° at Oxford. Sharp frost occurred last night in many parts of the Kingdom. The sea is rough at Pembroke, and rather rough on several of the more exposed parts of our coast.

## FORECASTS

For the 24 hours ending at NOON on 1<sup>st</sup> March 1886.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

1 { SCOTLAND  
EAST

2 { ENGLAND  
N.E.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

5 { ENGLAND  
SOUTH

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

### WARNINGS

None issued

None issued

The south cone is still flying in districts 0, 1, 6 and 9.



# YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.27	37	30	ENE	4	b	2	Holyhead	30.16	38	36	ESE	2	o	2
Sumburgh Head	30.49	34	32	SE	3	o	3	Valencia	30.05	50	46	W	2	b cv	2
Stornoway	30.28	37	34	ESE	5	og	5	Scilly	30.04	46	45	S	7	r	6
Aberdeen	30.38	35	32	SE	4	o sp	5	Dungeness	30.24	38	35	NE	2	b c	2
Shields	30.30	35	33	E	2	o sp	4	London	30.26	37	33	NNW	1	o	*
Ardrossan	30.23	38	35	E	4	om	2	Yarmouth	30.24	35	33	NE	4	cv	2
Malin Head	30.12	34	34	SE	5	o	5	Jersey	30.24	38	35	SE	2	o	3
Mullaghmore	30.03	40	38	ESE	6	b c	4	Rochefort	30.34	47	40	E	4	c	2
Belmullet	30.00	46	44	S	3	c	*								

## REMARKS.

The barometer continues to fall steadily in the west and south-west of England, and the wind at Scilly has increased to a moderate gale from S., but in other localities the changes in pressure and wind have been very slight. Snow showers are still falling on our north-east coasts, and rain has set in at Scilly. The sea is rough at Scilly, rather rough at Stornoway and Aberdeen, moderate to smooth elsewhere.



# CORRECTIONS AND ADDITIONS TO THE REPORTS FOR FEBRUARY 1886.

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

DATE.	STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Barometer.  Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.				
				Dir.	Force. (0 to 12.)				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12.)			Max.	Min.	Amount of Rainfall.		
1 <sup>st</sup>	Krisby . . . . .	29.49	34	S	6	0	29.05	- .72	34	32	+ 2	SSE	8	S	*	37	30	0.04		
-	Skagen . . . . .	29.03	34	SSW	6	0	28.60	- .72	33	32	- 1	N	2	0	1	34	32	0.16		
-	Sanø . . . . .	28.75	33	NNE	5	0	28.88	- .42	33	32	- 1	SE	6	6	*	36	32	0.16		
-	Cape Gris Neg	29.23	41	WNW	11	bc	29.27	- .22	42	-	0	N	9	0	6	46	37	0.39		
2 <sup>nd</sup>	Corunna . . . . .	*	*	*	*	*	30.27	- .00	50	49	- 2	SSW	5	0	4	55	48	0.75		
3 <sup>rd</sup>	Cape Gris Neg	29.61	41	NNW	5	c	29.54	- .02	37	-	- 2	S	1	1	1	43	36	0.12		
-	Corunna . . . . .	*	*	*	*	*	30.24	- .03	52	51	+ 2	WSW	5	1	3	55	?	0.32		
5 <sup>th</sup>	Cape Gris Neg	30.14	38	NNE	5	c	30.15	+ .14	35	-	- 2	N	5	0	4	41	34	-		
-	Corunna . . . . .	*	*	*	*	*	30.48	+ .12	39	38	- 11	ENE	3	6	4	54	37	-		
6 <sup>th</sup>	Corunna . . . . .	*	*	*	*	*	30.34	- .14	49	45	+ 10	N	9	tl	6	55	39	0.08		
8 <sup>th</sup>	Cape Gris Neg	30.47	29	ENE	3	0	30.67	+ .32	24	-	- 4	E	4	0	3	45	21	-		
9 <sup>th</sup>	Cape Gris Neg	30.68	25	E	1	b	30.67	- .00	25	-	+ 1	ESR	1	6	0	30	21	-		
-	Corunna . . . . .	*	*	*	*	*	30.55	- .06	38	36	- 4	ENE	1	6	4	55	34	-		
10 <sup>th</sup>	Cape Gris Neg	30.59	31	NNE	2	b	30.42	- .25	37	-	+ 12	NE	5	c	4	?	25	-		
-	Corunna . . . . .	*	*	*	*	*	30.53	- .02	36	34	- 2	NE	1	m	4	50	32	-		
11 <sup>th</sup>	Cape Gris Neg	30.32	37	NNE	5	0	30.19	- .23	37	-	0	NE	1	0	0	41	34	-		
12 <sup>th</sup>	Cape Gris Neg	30.09	37	N	2	0	30.02	- .17	37	-	0	S	1	f	0	41	37	-		
13 <sup>th</sup>	Bodø . . . . .	29.73	40	SSW	8	b	29.77	+ .23	41	36	- 1	ESE	4	0	2	?	36	-		
-	Christiansund	29.86	39	SE	2	bc	29.80	+ .11	38	37	- 3	ESE	1	c	5	41	30	-		
-	Gæs . . . . .	30.12	30	NE	1	0	30.14	+ .07	29	28	- 1	E	2	0	1	30	28	-		
-	Cape Gris Neg	29.99	39	S	4	f	29.97	- .05	39	-	+ 2	S	4	f	4	43	36	0.12		
-	Corunna . . . . .	*	*	*	*	*	30.11	- .21	42	40	+ 2	E	3	6	4	55	37	-		
14 <sup>th</sup>	Cape Gris Neg	29.94	41	S	5	h	29.88	- .09	37	-	- 2	S	5	c	3	45	36	0.04		
15 <sup>th</sup>	Cape Gris Neg	29.85	42	S	4	0	29.94	+ .06	40	-	+ 3	ENE	1	1	0	46	37	0.04		
-	Corunna . . . . .	*	*	*	*	*	29.68	- .27	45	44	- 3	ESE	1	6	4	59	43	0.04		
-	Brussels . . . . .	*	*	*	*	*	30.03	+ .02	34	33	- 2	SSE	3	0	*	43	27	-		
16 <sup>th</sup>	Cape Gris Neg	29.94	40	ENE	5	m	29.90	- .04	30	-	- 10	E	5	0	4	46	30	-		
-	Corunna . . . . .	*	*	*	*	*	29.80	+ .12	50	48	+ 5	SW	1	0	4	59	43	0.20		
17 <sup>th</sup>	Cape Gris Neg	29.86	31	NE	5	f	29.88	- .02	32	-	+ 2	E	5	f	4	39	30	-		
-	Corunna . . . . .	*	*	*	*	*	29.78	- .02	42	41	- 8	ENE	1	c	4	61	39	0.04		
18 <sup>th</sup>	Cape Gris Neg	29.95	36	E	7	f	30.03	+ .15	34	-	+ 2	ENE	7	m	5	37	32	-		
-	Corunna . . . . .	*	*	*	*	*	29.89	+ .11	46	44	+ 4	ENE	1	0	3	61	41	-		
19 <sup>th</sup>	Cape Gris Neg	30.07	34	ENE	7	0	30.03	- .00	30	-	- 4	E	4	f	3	36	30	-		
-	Corunna . . . . .	*	*	*	*	*	29.99	+ .10	45	44	- 1	SE	1	c	2	59	43	-		
20 <sup>th</sup>	Cape Gris Neg	30.03	33	E	1	m	30.10	+ .07	31	-	+ 1	E	3	m	0	34	30	-		
21 <sup>st</sup>	Cape Gris Neg	30.12	32	E	3	f	30.12	+ .02	31	-	0	E	7	0	5	36	30	-		
22 <sup>nd</sup>	Corunna . . . . .	*	*	*	*	*	30.30	+ .19	43	41	+ 2	ENE	3	m	5	57	37	-		
23 <sup>rd</sup>	Cape Gris Neg	30.38	31	ENE	4	c	30.27	- .03	30	-	- 5	ENE	5	0	3	37	28	-		
-	Corunna . . . . .	*	*	*	*	*	30.10	- .20	43	40	0	ENE	1	6	3	59	41	-		
24 <sup>th</sup>	Cape Gris Neg	30.15	30	NE	5	0	30.12	- .15	32	-	+ 2	SE	3	0	0	33	28	-		
-	Corunna . . . . .	*	*	*	*	*	30.00	- .10	50	46	+ 7	SSE	1	c	2	63	43	-		
25 <sup>th</sup>	Cape Gris Neg	30.08	31	NE	3	c	30.05	- .07	28	-	- 4	ENE	1	6	0	37	27	-		
-	Corunna . . . . .	*	*	*	*	*	30.06	+ .06	48	46	- 2	S	3	c	3	61	45	-		
26 <sup>th</sup>	Cape Gris Neg	30.04	34	NE	5	0	30.10	+ .05	36	-	+ 8	ENE	7	0	5	39	28	-		
-	Corunna . . . . .	*	*	*	*	*	30.30	+ .24	44	-	- 4	ENE	3	c	4	63	41	-		
27 <sup>th</sup>	Cape Gris Neg	30.17	37	N	7	0	30.22	+ .12	34	-	- 2	NW	4	bc	3	39	32	-		
28 <sup>th</sup>	Cape Gris Neg	30.21	35	SSW	3	c	30.15	- .07	31	-	- 3	NE	5	0	3	37	?	-		

Continued on page 4.

Continued on page 4.



**SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING**  
 Observations are made at 8 a.m. daily, but the numbers of days of Rain, Snow, Hail,  
 (The Stations are grouped in Districts, and then arranged in order of

Names of Districts.	Names of Stations.	Mean height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m.	Air Temperature.								Tension of Vapour
			At 8 a.m.	Means of			Absolute Extremes.				
				Minima	Maxima	Min. and Max. combined	Minimum	Date	Maximum	Date	
		ins.	°	°	°	°	°		°		ins.
0. SCOTLAND, N.	{ Sumburgh Head ...	30.029	36.6	32.3	39.9	36.1	25	26 <sup>th</sup>	46	9 <sup>th</sup>	0.186
	{ Wick ...	30.043	35.1	30.7	40.1	35.4	16	25 <sup>th</sup>	48	8 <sup>th</sup>	0.181
	{ Stornoway ...	29.995	35.9	31.3	42.4	36.9	22	3 <sup>rd</sup>	50	8 <sup>th</sup>	0.196
1. SCOTLAND, E.	{ Nairn ...	30.034	33.6	29.0	41.3	35.2	18	5 <sup>th</sup> + 6 <sup>th</sup>	55	8 <sup>th</sup>	0.160
	{ Aberdeen ...	30.071	34.0	30.2	40.0	35.1	23	6 <sup>th</sup>	50	8 <sup>th</sup>	0.170
	{ Leith ...	30.075	34.4	30.4	40.5	35.5	19	5 <sup>th</sup>	50	8 <sup>th</sup> + 13 <sup>th</sup>	0.185
2. ENGLAND, N.E.	{ Shields ...	30.101	34.3	31.0	39.8	35.4	25	26 <sup>th</sup>	46	8 <sup>th</sup> 9 <sup>th</sup> 10 <sup>th</sup> 12 <sup>th</sup>	0.180
	{ York ...	30.127	33.0	30.5	38.9	34.7	25	27 <sup>th</sup>	48	12 <sup>th</sup> 13 <sup>th</sup>	0.175
	{ Spurn Head ...	30.099	34.1	31.4	37.4	34.4	27	9 <sup>th</sup> + 10 <sup>th</sup>	42	15 <sup>th</sup>	0.181
3. ENGLAND, E.	{ Yarmouth ...	30.120	33.2	30.4	35.8	33.1	24	10 <sup>th</sup>	41	14 <sup>th</sup>	0.169
	{ Cambridge ...	30.140	31.2	27.0	38.6	32.8	19	10 <sup>th</sup>	46	13 <sup>th</sup>	0.155
4. MIDLAND COUNTIES.	{ Loughborough ...	30.132	32.0	29.6	39.4	34.5	22	15 <sup>th</sup>	50	13 <sup>th</sup>	0.165
	{ Oxford ...	30.139	32.0	30.2	38.1	34.2	23	10 <sup>th</sup>	49	13 <sup>th</sup>	0.160
5. ENGLAND, S.	{ London ...	30.129	33.0	30.5	38.4	34.5	22	9 <sup>th</sup> + 10 <sup>th</sup>	49	13 <sup>th</sup>	0.169
	{ Dungeness ...	30.096	34.4	31.4	39.3	35.4	24	10 <sup>th</sup> 27 <sup>th</sup> 12 <sup>th</sup>	50	15 <sup>th</sup>	0.193
	{ Hurst Castle ...	30.115	34.8	31.4	41.6	36.5	23	10 <sup>th</sup>	49	13 <sup>th</sup>	0.186
6. SCOTLAND, W.	Ardrossan ...	30.073	35.8	32.7	40.8	36.8	25	4 <sup>th</sup>	46	10 <sup>th</sup>	0.195
7. ENGLAND, N.W.	{ *Hawes Junction ...	28.826	29.6	25.9	34.1	30.0	18	27 <sup>th</sup>	41	13 <sup>th</sup>	0.156
	{ Barrow-in-Furness ...	30.105	34.3	32.1	39.1	35.6	27	5 <sup>th</sup> 6 <sup>th</sup> + 26 <sup>th</sup>	46	13 <sup>th</sup>	0.186
	{ Liverpool Obs <sup>r</sup> (Bidston) ...	30.109	33.9	32.1	39.9	36.0	27	24 <sup>th</sup>	49	13 <sup>th</sup>	0.169
	{ Holyhead ...	30.091	37.4	34.5	41.6	38.1	25	5 <sup>th</sup>	46	13 <sup>th</sup> + 21 <sup>st</sup>	0.211
8. ENGLAND, S.W.	{ Pembroke ...	30.102	37.8	35.6	41.9	38.8	31	26 <sup>th</sup>	46	5 <sup>th</sup> 9 <sup>th</sup> 11 <sup>th</sup> 13 <sup>th</sup>	0.205
	{ Prawle Point ...	30.107	37.0	33.5	42.3	37.9	29	5 <sup>th</sup> 6 <sup>th</sup> + 10 <sup>th</sup>	50	14 <sup>th</sup>	0.193
9. IRELAND, N.	{ Malin Head ...	30.022	38.2	35.4	43.3	39.4	30	25 <sup>th</sup> + 27 <sup>th</sup>	51	8 <sup>th</sup>	0.210
	{ Donaghadee ...	30.077	37.1	33.8	42.0	37.9	27	5 <sup>th</sup>	48	8 <sup>th</sup> + 12 <sup>th</sup>	0.207
	{ Mullaghmore ...	30.024	39.1	35.6	44.3	40.0	28	4 <sup>th</sup>	54	8 <sup>th</sup>	0.209
	{ Belmullet ...	29.991	39.3	36.2	44.7	40.5	30	25 <sup>th</sup> + 26 <sup>th</sup>	50	7 <sup>th</sup>	0.211
10. IRELAND, S.	{ Parsonstown ...	30.073	36.6	32.5	44.0	38.3	24	5 <sup>th</sup>	54	8 <sup>th</sup>	0.196
	{ Valencia ...	30.056	42.3	39.1	48.1	43.6	31	26 <sup>th</sup>	54	13 <sup>th</sup>	0.223
	{ Roche's Point ...	30.056	41.4	38.0	46.9	42.5	31	5 <sup>th</sup>	51	21 <sup>st</sup> + 27 <sup>th</sup>	0.229
CHANNEL ISLANDS.	{ Scilly (St. Mary's) ..	30.071	42.9	39.8	46.1	43.0	36	10 <sup>th</sup> 26 <sup>th</sup> 27 <sup>th</sup>	52	12 <sup>th</sup>	0.231
	{ Jersey (Noirmont) ...	30.088	38.4	36.1	41.4	38.8	28	9 <sup>th</sup>	47	1 <sup>st</sup> + 3 <sup>rd</sup>	0.208

\* Hawes Junction is 1135 feet above mean Sea Level and the

\* Hawes Junction is 1135 feet above mean Sea Level and the



## STATIONS in the BRITISH ISLANDS during the Month of FEBRUARY 1886.

Thunderstorms and Gales are counted irrespective of the hours at which they occurred.

Latitude, beginning in each case with the Station lying furthest North.)

Relative Humidity	Amount of Cloud	Rainfall.			Weather							Wind								
		Total Fall in the month	Maximum Fall in one day	Date	No. of Days of							No. of Observation of								
		ins.	in.		Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
86	6.9	2.09	0.55	13 <sup>th</sup>	22	9	0	0	4	10	2	5	1	1	6	6	4	1	1	3
88	6.6	1.71	0.37	13 <sup>th</sup>	17	7	3	0	2	10	1	1	0	2	3	12	3	0	7	0
93	5.8	2.60	0.68	13 <sup>th</sup>	17	6	2	0	11	12	3	2	0	5	5	7	4	3	2	0
83	4.8	1.08	0.54	13 <sup>th</sup>	10	6	0	0	8	5	0	0	0	3	4	4	11	2	0	4
86	6.3	1.98	0.27	13 <sup>th</sup>	20	15	7	0	7	12	2	1	1	2	4	6	7	2	4	1
93	7.5	1.18	0.31	13 <sup>th</sup>	12	10	1	0	2	13	0	3	1	1	6	1	4	8	3	1
90	7.6	1.20	0.24	25 <sup>th</sup>	13	10	1	0	5	18	0	0	2	5	1	5	8	5	2	0
93	8.0	0.96	0.33	18 <sup>th</sup>	16	5	0	0	3	19	0	7	3	7	2	7	0	2	0	0
91	6.3	0.75	0.26	1 <sup>st</sup>	17	7	1	0	5	8	0	2	4	4	3	5	2	3	4	1
89	6.8	0.51	0.14	14 <sup>th</sup>	14	9	4	0	3	11	0	3	4	8	2	3	1	2	4	1
89	7.8	0.31	0.10	14 <sup>th</sup>	9	4	0	0	5	19	0	10	5	2	0	4	1	1	1	4
91	8.6	0.32	0.10	13 <sup>th</sup>	10	10	2	0	1	19	0	2	5	5	5	2	1	3	3	2
88	7.5	0.71	0.18	2 <sup>nd</sup>	9	4	0	0	6	18	0	3	10	1	2	4	1	2	0	5
90	8.8	0.54	0.21	2 <sup>nd</sup>	9	4	2	0	1	21	0	1	6	7	1	3	1	2	2	5
97	8.1	0.68	0.26	3 <sup>rd</sup>	7	2	0	0	2	16	0	5	7	8	2	0	3	1	1	1
92	6.4	0.52	0.15	14 <sup>th</sup>	9	0	0	0	3	3	0	1	14	6	0	1	3	1	2	0
93	7.2	1.11	0.44	13 <sup>th</sup>	12	5	0	0	5	15	1	0	11	5	0	6	2	1	2	1
95	7.4	1.61	0.62	13 <sup>th</sup>	9	8	0	0	5	16	0	0	1	10	2	5	2	1	1	6
93	7.1	1.70	0.49	20 <sup>th</sup>	13	3	0	0	5	16	0	0	13	4	6	2	0	0	3	0
86	6.9	1.06	0.21	13 <sup>th</sup>	16	2	0	0	7	15	1	0	3	7	12	1	1	3	1	0
94	8.0	2.47	0.97	13 <sup>th</sup>	15	1	0	0	2	17	1	0	3	6	3	8	2	3	2	1
91	7.5	2.21	0.75	13 <sup>th</sup>	13	4	0	0	2	11	3	0	7	6	6	4	1	0	4	0
88	7.3	0.72	0.19	28 <sup>th</sup>	12	0	0	0	4	13	2	4	10	6	1	1	1	1	4	0
92	7.9	2.10	0.34	6 <sup>th</sup>	19	4	3	0	4	18	0	2	2	3	5	9	4	1	2	0
94	5.9	1.58	0.44	13 <sup>th</sup>	19	3	0	0	6	9	1	2	0	5	4	4	8	5	0	0
88	6.6	2.57	0.52	12 <sup>th</sup>	15	0	1	0	6	8	7	0	2	5	4	5	5	3	3	1
88	6.5	3.90	0.83	12 <sup>th</sup>	22	1	1	0	6	11	4	0	2	5	6	6	4	4	1	0
91	7.9	1.88	0.53	5 <sup>th</sup>	13	1	0	0	4	18	0	0	0	1	6	3	0	2	0	16
91	8.1	5.60	0.76	21 <sup>st</sup>	23	0	0	0	2	18	2	1	5	5	6	3	1	2	2	3
88	7.4	4.40	1.05	28 <sup>th</sup>	18	0	0	0	3	14	3	4	3	3	2	5	7	2	2	0
84	8.9	2.17	0.47	28 <sup>th</sup>	19	0	0	0	0	19	4	2	3	9	4	4	2	2	2	0
90	8.4	1.31	0.37	28 <sup>th</sup>	14	0	1	0	1	18	2	1	11	6	3	2	2	2	1	0

Barometric Observations at this Station are not corrected for altitude.



## 2. CORRECTIONS.

DATE.	STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.				
		Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Amount of Rainfall.	
				Direc.	Force. (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)			Max.	Min.		
1 <sup>st</sup>	Roches Point...	29.41																	
-	Cambridge	29.18																	
2 <sup>nd</sup>	Ararossan						29.41	+ 37											
-	Malin Hd. 2pm								42	40									
3 <sup>rd</sup>	Pembroke...														5		41		
4 <sup>th</sup>	Spurn Head																32		
5 <sup>th</sup>	Pembroke...																		No rain
-	Cambridge...																		0.06
-	Dungeness 2pm									35									
6 <sup>th</sup>	Naim						30.05	- 11											
-	Aberdeen																23		
7 <sup>th</sup>	Jersey	30.20																	
9 <sup>th</sup>	Loughborough	30.69																	
10 <sup>th</sup>	Pembroke...															46			
-	Scilly...						30.51	- 10											0.02
12 <sup>th</sup>	Sumburgh Hd.																	31	
-	Shields																		0.04
-	Barron-in-Tur.																		
-	Liverpool								36									34	
14 <sup>th</sup>	York															47			
15 <sup>th</sup>	Leith						30.03	+ 53											
17 <sup>th</sup>	Stornoway	30.44																	
18 <sup>th</sup>	Stornoway									31									
-	Sumburgh Hd. 2pm								39	34									
20 <sup>th</sup>	Ararossan														1				
-	The Elder	30.13																	
21 <sup>st</sup>	Stornoway																		No rain
22 <sup>nd</sup>	Dungeness											WNW							
24 <sup>th</sup>	Loughborough									27									
-	Hurst Castle																29		
25 <sup>th</sup>	Jersey	30.01																	
26 <sup>th</sup>	Barron-in-Tur.								28		3								
28 <sup>th</sup>	York																37		0.01
-	Valencia																		