

METEOROLOGICAL OFFICE

LONDON.

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DAILY WEATHER REPORTS.

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1<sup>ST</sup> JULY—31<sup>ST</sup> DECEMBER.

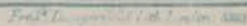
1884.

*Sec. Reg. Lond.*



July to December 1884.

July to December 1884.





# DAILY WEATHER REPORT

for *Monday 1<sup>st</sup> December 1884.*

*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 .....	30.00	4	E	2	0	30.11	+ .12	11	11	+ 6	2	0	0	*	9	0	-		
Hernösand ...	30.01	9	2	0	b	30.10	+ .13	19	18	+ 22	2	0	0	*	9	-6	-		
Stockholm ...	30.12	11	2	0	b	30.13	+ .27	5	5	- 18	1	2	1	*	23	0	-		
Wishy ...	29.98	28	E	2	c	29.97	+ .28	24	23	+ 1	E	2	6c	*	34	14	0.04		
Bodö ...	29.87	21	E	2	0	29.93	+ .15	25	23	+ 3	ESE	4	0	1	?	18	-		
Christiansund ...	29.98	33	WSW	8	5	30.07	+ .04	35	33	+ 4	SW	2	3	4	36	28	-		
Skudesnæs ...	29.15	29	E	2	b	30.19	+ .19	29	23	- 2	E	2	b	2	?	?	-		
Oxö (Ålensund) ...	30.15	19	N	4	b	30.17	+ .18	17	15	- 4	NNW	4	b	2	27	16	-		
Skagen (The Skaw) ...	30.13	27	NE	3	b	30.15	+ .20	28	26	+ 2	NE	2	0	0	?	25	-		
Fanö ...	30.13	17	E	2	b	30.20	+ .23	11	11	- 5	2	0	b	*	21	9	-		
Cuxhaven ...	30.08	38	SSE	1	b	30.18	+ .19	27	26	0	NE	1	b	*	29	26	-		
† Sumburgh Head ...	29.94	38	S	3	b	29.93	+ .05	39	36	+ 4	S	4	c	4	40	32	0.02		
† Stornoway ...	29.84	35	ESE	3	b	29.80	+ .03	40	38	+ 2	S	5	og	4	41	30	-		
Wick ...	29.90	36	S	3	b	29.90	+ .04	34	33	- 1	S	5	0	3	39	34	0.05		
Nairn ...	29.88	34	2	0	b	29.89	+ .06	25	23	0	SE	1	b	1	32	22	-		
† Aberdeen ...	29.91	24	W	2	b	29.94	+ .04	38	36	+ 22	S	4	h.p.	2	39	14	0.09		
Leith ...	29.84	35	E	1	c	29.90	+ .03	30	29	+ 4	E	1	bm	*	35	24	-		
† Shields ...	29.89	34	S	2	0	29.95	+ .02	35	34	+ 7	SSE	3	om	2	38	26	0.07		
Spurn Head ...	29.94	34	SSE	4	0	29.94	- .03	35	35	+ 4	SSE	7	cpag	6	35	30	0.15		
York ...	29.89	31	E	2	0	29.94	- .04	33	33	+ 8	E	1	m	*	33	25	0.15		
Loughborough ...	29.87	33	ESE	1	0	29.87	- .14	33	33	+ 7	ESE	0	og	*	34	25	0.37		
† Ardrossan ...	29.81	32	ENE	4	om	29.92	+ .09	33	32	0	ENE	2	of	1	36	28	0.02		
† Mullaghmore ...	29.78	44	NW	7	og	29.88	+ .19	39	38	- 2	SE	1	0	2	46	35	0.05		
Donaghadee ...	29.75	41	SSE	5	r	29.91	+ .11	37	36	- 4	NW	2	c	0	41	33	0.19		
Parsonstown ...	29.84	39	W	1	b	29.95	+ .17	34	33	- 7	Z	0	0	6	44	33	0.05		
Barrow-in-Furness ...	29.78	33	SE	3	0	29.88	- .02	34	33	0	NE	3	0	3	35	32	0.43		
† Holyhead ...	29.72	45	NW	4	0	29.89	+ .04	41	39	+ 3	NE	3	om	3	45	37	0.42		
Liverpool (Bidston) ...	29.76	34	SE	4	0	29.87	- .06	35	34	+ 5	E	1	f	2	35	30	0.32		
Valencia ...	29.94	45	NNW	4	og	29.97	+ .15	42	42	- 5	NNW	1	0	0	49	40	0.04		
Roche's Point ...	29.89	40	NNW	3	b	29.94	+ .12	38	36	- 4	NNW	2	0	3	47	35	0.09		
Pembroke ...	29.76	46	NNW	5	b	29.88	- .04	45	44	+ 2	NW	4	of	3	48	42	0.62		
† Seilly ...	29.76	48	NNW	7	og	29.91	- .06	47	43	0	NW	5	c	5	51	46	0.24		
Prawle Point ...	29.80	46	S	6	r	29.89	- .15	39	38	0	NW	2	b	2	47	35	0.32		
Hurst Castle ...	29.88	43	SSW	6	r	29.94	- .25	40	40	+ 10	NNW	2	0	3	47	27	0.23		
† Dungeness ...	30.01	40	SSW	5	0	29.95	- .10	36	36	+ 7	SSE	5	S	5	48	29	0.28		
London ...	29.94	34	SE	3	d	29.98	- .20	36	36	+ 7	SE	2	dg	*	37	29	0.45		
Oxford ...	29.86	35	SE	3	S	29.94	- .21	36	36	+ 8	NE	1	dfg	*	40	25	0.64		
Cambridge ...	29.95	33	S	1	S	29.91	- .14	34	33	+ 6	SE	2	S	*	34	26	?		
Yarmouth ...	30.00	35	SW	3	or	29.99	- .02	36	35	+ 10	SSE	6	0	5	36	25	0.12		
The Helder ...	30.06	31	S	1	b	30.10	+ .10	32	31	+ 3	SE	1	C	1	37	28	-		
Cape Griz Nez ...	30.02	33	SSE	5	b	29.94	- .19	33	30	0	E	4	S	2	39	30	-		
† Jersey ...	29.95	42	S	5	0	29.88	- .19	44	44	+ 5	WSW	4	omp	4	44	38	0.15		
Brest ...	29.99	46	SSW	5	0	29.91	- .18	46	46	+ 6	N	5	0	2	50	36	0.12		
† Rochefort ...	30.14	38	SE	3	b	30.04	- .13	30	30	- 5	SE	4	f	2	48	25	-		
Biarritz ...	30.04	44	E	4	b	29.94	- .13	35	34	- 10	SE	4	C	1	39	30	-		
Corunna ...	?	?	?	?	?	30.10	+ .24	30	29	+ 4	SSE	1	0	*	33	?	-		
Brussels ...	?	?	?	?	?	30.04	+ .13	28	27	+ 4	SE	4	b	*	36	?	-		
Charleville ...	?	35	NNE	4	b	30.06	- .03	28	28	- 4	SE	1	b	*	?	?	-		
Paris ...	30.07	39	N	3	0	30.06	- .03	28	28	- 4	SE	1	0	*	?	?	-		
Lyons ...	30.09	32	NNW	1	b	30.08	- .04	27	26	- 5	NNW	1	m	*	36	27	-		
Toulon ...	29.86	35	SSW	7	b	29.89	+ .04	42	37	+ 6	SE	4	b	3	?	?	-		
Barnet ...	29.84	44	NW	3	b	29.84	+ .12	40	40	- 5	S	3	r	4	45	34	0.03		

## 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).



# WEATHER CHARTS

for 8 a.m. on

Monday

1<sup>st</sup> Dec<sup>r</sup>

1884.

## 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.

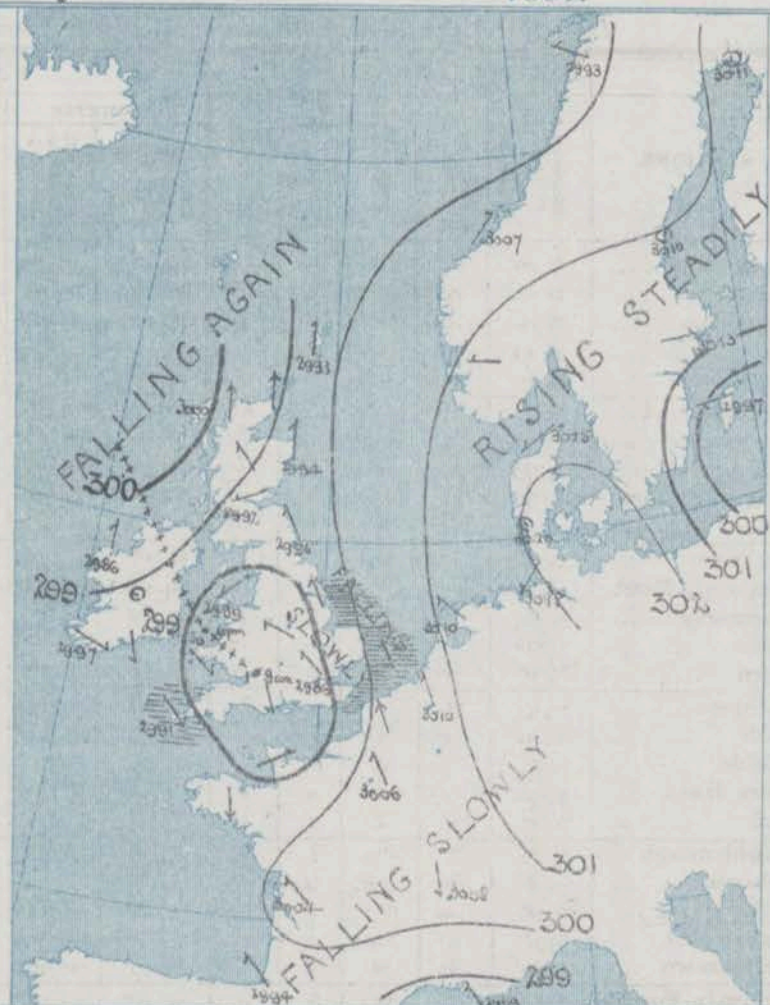
**Sea Disturbance** — where considerable is shown thus

▨ = Rough; ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sunbury Head	29.680
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.780
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.870
Donaghadee	29.832
Holyhead	29.868
Liverpool	29.882
Valencia	29.878
Rock's Point	29.889
Pembroke	29.897
Silly	29.943
Hurst Castle	29.938
Dover	29.942
LONDON	29.934
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902





# REMARKS.

for Monday. 1<sup>st</sup> December. 1884, at 8 a.m.

The area of low pressure which lay off our extreme northwest coast yesterday has moved Southeastward and now covers Wales, and the west and south of England. In the meantime a new depression has appeared off the west of Scotland, so that the barometer is still falling in most parts of our Islands. On the eastern shores of the North Sea, however, pressure is increasing, and an anticyclone, in which readings exceed 30.2 in., has been formed over the South of Denmark. The wind is variable on the Eastern shores of the North Sea, and moderate from NW on our Southwestern and Southern coasts, but elsewhere it is SE<sup>ly</sup> and S<sup>ly</sup>, and in the East of England it blows strongly. Cold rain or sleet is falling at many of the English stations, and also at Aberdeen, but elsewhere the weather, though cloudy is generally fair. During yesterday, rain or snow fell in all parts of the Kingdom, the largest amounts measured this morning being 0.6 in. at Pembroke and Oxford, and 0.5 in. in London. Temperature has fallen at our western, and many of the Continental stations, but risen over Great Britain; readings range from 47° at Sicily to 25° at Raim. The maxima registered over the northern and eastern parts of the Kingdom yesterday were below 40°, at Aberdeen the thermometer did not rise above 22° all day, but in the course of the night it has reached 39°. The sea is rough off the east of England, and rather so in the Channel, moderate to smooth elsewhere.

The depression over England seems likely to dispense slowly, and a gradual improvement in the weather may therefore be anticipated.

# FORECASTS

for the 24 hours ending at NOON on 2<sup>nd</sup> December, 1884.

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

## DISTRICTS.

## FORECASTS.

## DISTRICTS.

## FORECASTS.

0 { SCOTLAND  
NORTH

S<sup>ly</sup> winds, fresh or strong; changeable  
some snow or sleet showers.

6 { SCOTLAND  
WEST

E<sup>ly</sup> to SE<sup>ly</sup> winds, moderate; drizzle, some  
snow showers.

1 { SCOTLAND  
EAST

- D° - D° - D° -

7 { ENGLAND  
N. W.

- D° - D° - D° -

2 { ENGLAND  
N. E.

S<sup>ly</sup> or SE<sup>ly</sup> winds, strong; unsettled,  
some snow or sleet showers.

8 { ENGLAND  
S. W.

NW<sup>ly</sup> winds, backing later; changeable,  
some showers.

3 { ENGLAND  
EAST

- D° - D° - D° -

9 { IRELAND  
NORTH

S<sup>ly</sup> or SW<sup>ly</sup> winds, fresh; changeable,  
some showers.

4 { MIDLAND  
COUNTIES

- Same as No. 5 -

10 { IRELAND  
SOUTH

- D° - D° - D° -

5 { ENGLAND  
SOUTH

Moderate breezes, chiefly SE<sup>ly</sup>, unsettled  
at first, with sleet or cold rain, improving  
later.

## WARNINGS

NONE ISSUED



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

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.
Skudesnaes	30.08	29	26	E	2	6	3	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dungeness					
Aberdeen								London					
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort	30.15	43	40	E	4
Holyhead													

## REMARKS.

### Summary of Changes in the Weather over the British Islands and their Neighbourhood from 23<sup>rd</sup> to 29<sup>th</sup> Nov. 1884.

In the course of this week anticyclonic conditions were as a rule prevalent over our Islands and the type of pressure distribution N<sup>o</sup> to NW<sup>o</sup>, but some irregularities have been observed from time to time over the south of our Islands. On Thursday (27<sup>th</sup>) a well formed depression appeared off our northern coast, and moving south eastwards across the North Sea north of Iceland by 8 am. on the 28<sup>th</sup>. On its disappearance pressure recovered, and moderate N<sup>o</sup> winds again became prevalent on all coasts. Taken as a whole, therefore, the weather was decidedly cold, but quiet and rather foggy, a few cold showers occurred from time to time in several localities, but in the majority of places the weather was dry until the 27<sup>th</sup>. Then, as the depression referred to above approached us rain and strong W<sup>o</sup> to NW<sup>o</sup> winds set in over Scotland, and subsequently spread to nearly all parts of the Kingdom, the rain changing to snow in some places as the wind veered towards N. An improvement occurred subsequently, but at the close of the week there were indications of the approach of further cyclonic systems towards our northern coast.



# DAILY WEATHER REPORT

for *Tuesday* *2<sup>nd</sup>* Dec<sup>r</sup> 1884.

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 .....	30.25	19	2	0	0	30.23	+ 12	7	7	- 4	N	2	6	•	19	1	-
Hernösand ...	30.16	18	N	2	6c	30.04	- 06	18	18	- 1	N	6	0	•	19	1	-
Stockholm ...	29.99	11	N	2	6	29.67	- 46	26	25	+ 21	N	6	5	•	?	3	-
Wisby ...	29.82	34	N	0	6c	29.56	- 41	30	30	+ 6	N	9	5	•	37	21	0.04
Bodö ...	29.98	30	EHE	4	0	29.99	+ 06	30	28	+ 5	E	4	6	1	30	?	-
Christiansund ...	30.03	31	SW	3	6	29.86	- 21	28	27	- 7	ESE	2	6	2	?	28	0.95
Skudesnaes ...	30.12	32	E	2	6	29.91	- 28	35	32	+ 9	SE	6	6	4	?	25	-
Oxö (Klansund) ...	30.10	22	N	4	6	30.02	- 15	21	19	+ 4	N	4	6c	2	25	?	-
Skagen (The Skaw)	30.08	30	NHE	3	6	29.99	- 16	27	24	- 1	NHE	4	0	3	30	21	-
Fanö ...	30.13	11	2	0	6	30.02	- 18	27	27	+ 16	2	0	•	?	5	-	
Cuxhaven ...	29.84	28	NE	1	6	30.14	- 04	24	23	- 3	NSW	1	•	•	28	22	-
Sumburgh Head	29.80	40	SSW	5	0	29.42	- 51	43	39	+ 4	SSE	6	0	6	43	35	0.19
Stornoway ...	29.62	42	S	7	0q	29.15	- 65	45	44	+ 5	S	7	1	6	45	38	0.23
Wick ...	29.76	39	S	7	0	29.35	- 55	40	39	+ 6	S	9	0	1	40	34	0.04
Nairn ...	29.74	36	SW	2	6c	29.29	- 60	40	38	+ 15	E	2	0	2	40	25	-
Aberdeen ...	29.86	38	SSW	5	0	29.49	- 45	39	38	+ 1	S	8	1	5	39	35	0.14
Leith ...	29.87	36	E	1	0	29.41	- 49	38	35	+ 8	SW	5	0	3	38	28	0.01
Shields ...	29.94	36	SSE	3	0	29.64	- 31	35	35	0	S	4	0	4	36	33	0.02
Spurn Head ...	29.95	38	SSE	5	0	29.76	- 18	36	36	+ 1	S	5	0	4	38	34	-
York ...	29.97	35	SSE	1	m	29.73	- 21	33	33	0	SE	2	0	•	35	32	0.01
Loughborough...	29.42	33	SE	2	0	29.77	- 10	32	32	- 1	SE	3	0	•	33	32	0.01
Ardrossan ...	29.85	35	EHE	1	0m	29.37	- 55	44	44	+ 11	SSE	5	0	4	44	31	0.10
Mullaghmore ...	29.72	44	S	5	0	29.41	- 47	48	46	+ 9	W	6	0	5	50	38	0.10
Donaghadee ...	29.86	39	N	2	0	29.41	- 50	48	48	+ 11	SW	2	0	0	48	35	0.44
Parsonstown ...	29.83	42	SE	1	0	29.53	- 42	46	45	+ 12	W	1	0	•	51	33	0.11
Barrow-in-Furness	29.91	35	E	3	0	29.56	- 32	36	35	+ 2	SE	7	0	6	36	33	0.18
Holyhead ...	29.90	38	SSE	1	m	29.51	- 38	50	50	+ 9	SSW	4	0	5	50	37	0.27
Liverpool (Bidston)	29.92	34	ESE	2	0	29.60	- 27	35	35	0	SE	5	0	4	36	33	0.28
Valencia ...	29.81	50	SSW	5	0	29.60	- 37	51	49	+ 9	WNW	4	0	5	55	44	0.26
Roche's Point ..	29.88	44	WSW	3	0	29.59	- 35	50	48	+ 12	WNW	3	0	4	52	38	0.28
Pembroke ...	29.91	44	WNW	1	0	29.55	- 30	52	52	+ 7	SSW	6	0	6	52	43	0.34
Scilly ...	29.95	48	WNW	4	0	29.69	- 22	53	53	+ 6	W	4	0	4	53	46	0.23
Prawle Point ...	29.94	43	WNW	1	0	29.75	- 14	50	50	+ 11	SSW	5	0	5	50	35	0.05
Hurst Castle ...	29.92	37	N	2	0	29.82	- 02	46	45	+ 6	SSW	3	0	2	47	36	-
Dungeness ...	29.88	42	SSE	6	1	29.98	- 02	34	33	- 2	WSW	2	0	3	48	30	0.15
London...	29.89	36	SE	1	0f	29.85	- 04	33	33	- 3	S	1	0	•	38	33	0.03
Oxford ...	29.95	35	WNW	1	0	29.80	- 04	35	35	- 1	SE	2	0	•	36	33	0.02
Cambridge ...	29.93	33	ESE	1	0	29.88	- 08	33	32	- 1	S	1	0	•	34	31	0.08
Yarmouth ...	29.97	37	SSE	6	0q	29.86	- 13	38	37	+ 2	S	4	0	4	38	32	0.04
The Helder ...	30.13	30	SE	1	0	30.00	- 10	25	24	- 7	SE	1	0	1	32	25	-
Cape Griz Nez...	29.94	47	WSW	4	0q	29.88	- 06	48	46	+ 4	SW	5	0	4	48	44	0.09
Jersey ...	30.02	47	WNW	4	0	29.90	- 12	51	50	- 1	SW	7	0	5	?	39	0.04
Brest ...	30.08	47	SW	4	0	29.92	- 16	52	47	+ 6	WSW	7	0	3	?	39	-
Rochefort ...	30.11	39	SE	4	0	30.15	+ 11	39	38	+ 9	S	4	0	2	46	?	0.08
Biarritz ...	30.04	39	E	4	0	30.15	- 21	41	36	+ 6	S	4	0	2	59	32	-
Corunna ...	•	•	•	•	•	29.97	- 13	30	30	0	SSE	3	0	•	52	30	0.04
Brussels ...	•	•	•	•	•	30.03	- 06	28	?	0	E	4	0	•	?	16	0.24
Charleville ...	30.07	31	E	4	6c	30.00	- 06	36	35	+ 8	SSE	3	0	•	•	•	-
Paris ...	30.02	35	SSE	3	0	30.00	- 06	36	35	+ 8	SSE	3	0	•	•	•	-
Lyons ...	30.04	26	N	1	6	30.20	+ 12	21	21	- 6	NHE	1	0	•	?	21	-
Toulon ...	30.01	42	ESE	4	6c	30.06	- 17	39	?	- 3	E	3	0	2	?	39	-
Belmullet ...	29.66	48	S	2	0	29.44	- 42	47	45	+ 7	W	5	0	•	50	39	0.14

## 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. equally; 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.

Printed by J. G. & Co. Ltd. London.



# WEATHER CHARTS

for 8 a.m. on Tuesday 2<sup>ND</sup> December.

1884.

## 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 3 to 4;

○ = dead calm.

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

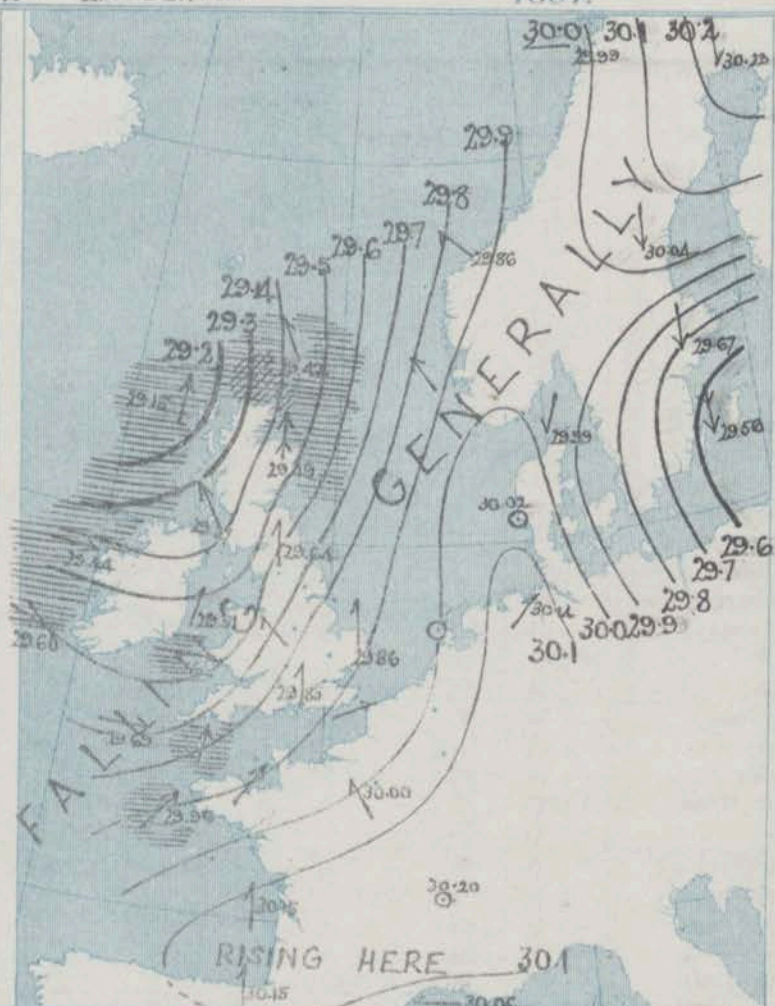
▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.687
Stornoway.	29.701
Wick.	29.713
Nairn.	29.741
Aberdeen.	29.750
Leith.	29.800
Shields.	29.836
York.	29.877
Ardrossan.	29.870
Donaghadee.	29.832
Holyhead.	29.855
Liverpool.	29.882
Valencia.	29.879
Rock's Point.	29.889
Pembroke.	29.897
Scilly.	29.943
Hurst Castle.	29.938
Dover.	29.942
LONDON.	29.934
Oxford.	29.937
Cambridge.	29.926
Yarmouth.	29.902



## 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.

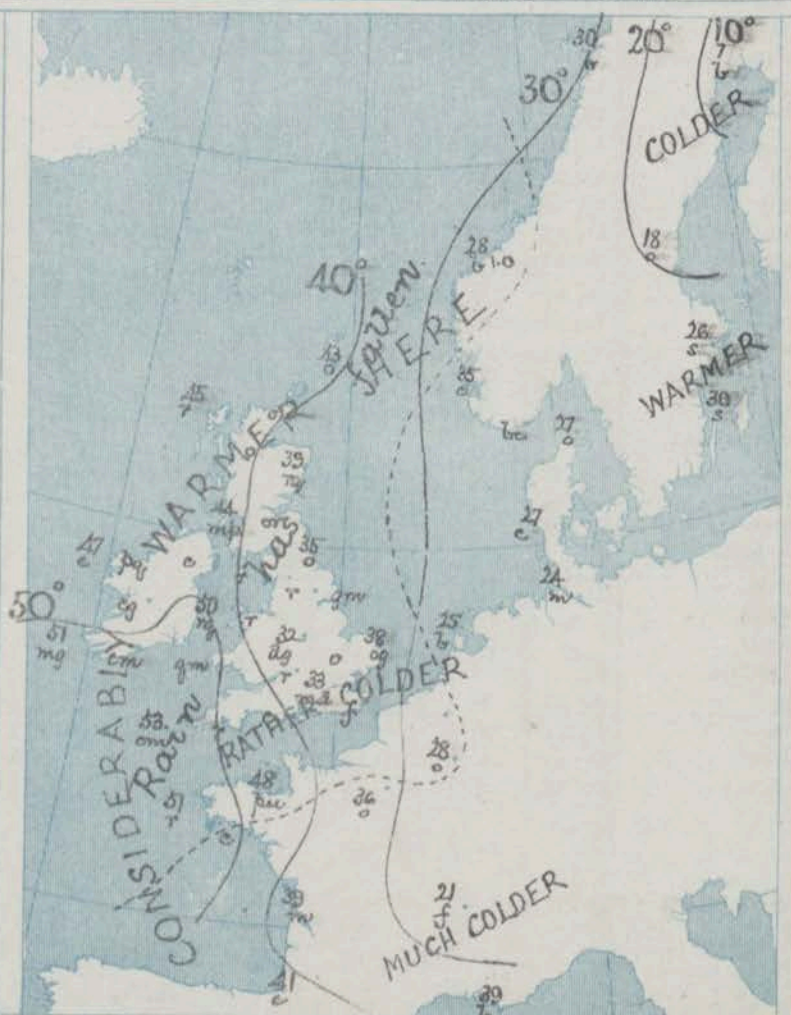
**Rainfall**. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	38.0	37.6	4.13
Stornoway.	38.9	37.6	5.61
Wick.	37.8	36.4	3.21
Nairn.	36.9	36.4	2.01
Aberdeen.	36.9	36.3	3.42
Leith.	38.4	37.0	1.96
Shields.	39.2	36.9	3.03
York.	36.2	35.4	2.64
Ardrossan.	40.1	38.3	1.77
Donaghadee.	40.1	39.1	2.85
Holyhead.	42.9	41.3	4.03
Liverpool.	39.1	37.4	2.80
Valencia.	44.7	41.8	6.06
Rock's Point.	42.9	41.4	4.89
Pembroke.	43.7	42.6	4.26
Scilly.	47.2	46.3	4.18
Hurst Castle.	40.6	39.9	2.88
Dover.	40.0	38.8	3.51
LONDON.	38.1	37.1	2.28
Oxford.	37.3	36.6	2.19
Cambridge.	36.3	35.6	2.02
Yarmouth.	37.9	37.2	2.39

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

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

1884, at 8 a.m.

The weather over Western Europe is in an exceedingly unsettled condition. The depression which lay over England yesterday has entirely dispersed; but the chart of this morning shows that while pressure is highest over the south of France and relatively high in the north of Sweden a well marked depression lies off the Hebrides, an equally well defined disturbance over the Baltic, and a shallow subsidiary depression over the St. George's Channel. The barometer is consequently falling at the majority of stations, and the gradients for S<sup>3</sup> winds over Great Britain are rather steep. The wind is strong from the N<sup>nd</sup> in Sweden, and fresh from W. in Ireland, but elsewhere it is chiefly S<sup>3</sup>, and in the north and east of Scotland it blows a fresh to strong gale. The weather is fine in Norway and the north of Sweden, but cloudy or overcast elsewhere with rain in many parts of our Islands, and snow at Stockholm and Wisby. In the course of the past 24 hours rain or sleet has fallen at nearly all stations. Temperature has risen fast in France and the west and north of our Islands, and readings now range from 53° at Lally to 32° at Loughborough. The maxima registered over Central England <sup>yesterday</sup> were low for the time of year; at Loughborough the thermometer did not exceed 33°. The sea is high at Wick, and rough on our western and northern coast generally.

With the pressure distribution in so complex a state forecasting is unusually difficult. It seems probable, however, that the depression off the NW. of Scotland will move N<sup>nd</sup>, while the shallow disturbance over the St. George's Channel will advance over England.

# FORECASTS

for the 24 hours ending at NOON on 3<sup>rd</sup> December. 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S <sup>3</sup> gales, moderating gradually; dull and rainy to fair.	6 { SCOTLAND WEST	S <sup>3</sup> and SE <sup>3</sup> winds, fresh or strong; unsettled, rain at times.
1 { SCOTLAND EAST	-----D <sup>3</sup> -----D <sup>3</sup> -----D <sup>3</sup> -----	7 { ENGLAND N.W.	-----D <sup>3</sup> -----D <sup>3</sup> -----D <sup>3</sup> -----
2 { ENGLAND N.E.	Same as No 5.	8 { ENGLAND S.W.	SW <sup>3</sup> and W <sup>3</sup> winds, fresh or strong; changeable, showery.
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	W <sup>3</sup> to SW <sup>3</sup> winds, strong; rain at times.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D <sup>3</sup> -----D <sup>3</sup> -----D <sup>3</sup> -----
5 { ENGLAND SOUTH	S <sup>3</sup> to SW <sup>3</sup> winds, freshening; cloudy, rain at times. Turning warmer.	WARNINGS	
		The south cone was hoisted last evening in districts 0, 6, 9, and parts of 1 and 10.	



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.														
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	29.15	30	26	E	2	6	Valencia	29.89	50	49	SW	4	og	4
Sumburgh Head	29.85	39	37	S	4	c.	Scilly	29.94	48	43	NW	4	bc	4
Stornoway	29.71	41	39	S	6	A	Dungeness	29.91	37	37	SSW	6	A	5
Aberdeen	29.90	38	36	S	5	og	London	29.87	38	36	SE	1	of d	#
Shields	29.94	36	35	SSE	3	0	Yarmouth	29.97	36	35	SSW	6	og	5
Ardrossan	29.58	35	34	ESE	1	0	Jersey	29.92	47	45	WNW	3	c	3
Mullaghmore	29.80	42	40	SSW	5	ON	Rochefort	30.08	36	35	SE	4	f	2
Holyhead	29.90	41	39	SSE	1	om								
Belmullet	29.78	46	46	S	3	0								

## REMARKS.

The Barometer is rising a little in the west and south of England, but falling elsewhere. The winds remain almost unchanged and cloudy weather is reported in most places, with rain at Stornoway and Dungeness and fog in London. The sea is rather rough at Stornoway, Dungeness, and Yarmouth, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Wednesday 3<sup>rd</sup> December 1884.

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.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			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.	Amount of Rainfall.		
Haparanda .....	29.97	17	NE	4	0	29.89	-.34	17	7	+ 10	NE	4	0	*	19	3	-		
Hernösand ...	29.80	22	NNE	4	0	29.81	-.28	22	21	+ 4	NE	2	0	*	?	12	0.39		
Stockholm ...	29.65	22	NNW	2	0	29.76	+ .09	22	22	-	2	0	0	*	27	9	0.08		
Wisby ...	29.61	29	N	8	0	29.71	+ .15	28	27	-	NNW	6	0	*	34	19	0.16		
Bodö ...	29.84	27	E	6	6	29.58	-.41	31	29	+ 1	E	8	6	*	?	23	-		
Christiansund ...	29.60	26	ESE	3	6	29.40	-.46	31	26	+ 3	ESE	4	6	2	?	21	-		
Skudesnaes ...	29.61	36	SE	9	0	29.39	-.52	38	33	+ 3	ESE	5	0	6	?	36	-		
Oxö (Xelansund) ...	29.80	34	SE	4	0	29.87	-.43	33	32	+ 12	ESE	8	5	6	34	31	-		
Skagen (The Skaw) ...	29.87	24	W	0	6	29.69	-.30	32	30	+ 5	SSE	5	0	4	32	21	-		
Fanö ...	29.80	19	SW	4	0	29.49	-.53	30	29	+ 3	S	6	0	*	32	0	0.08		
Cuxhaven ...	30.08	25	S	2	6	29.63	-.44	35	35	+ 11	S	3	0	*	?	?	-		
Sumburgh Head																			
Stornoway ...	29.27	38	SW	2	6	28.95	-.20	41	40	-	NE	4	09	3	45	35	0.28		
Wick ...	29.26	38	W	2	6	29.01	-.24	41	40	+ 1	SSE	4	09	4	42	35	0.12		
Nairn ...	29.31	36	SW	1	0	28.94	-.25	38	37	-	2	0	0	1	43	36	0.09		
Aberdeen ...	29.34	37	SW	3	0	29.02	-.47	43	42	+ 4	SSE	5	09	5	42	34	0.38		
Leith ...	29.80	43	W	3	0	28.98	-.51	44	41	+ 6	SW	1	0	*	46	37	0.11		
Shields ...	29.47	37	SW	2	0	29.13	-.51	47	46	+ 12	S	4	09	3	47	34	0.12		
Spurn Head ...	29.32	39	SW	4	0	29.20	-.56	44	44	+ 8	SSW	5	09	3	44	39	0.16		
York ...	29.53	36	SSE	1	m	29.17	-.56	48	47	+ 15	S	2	0	*	48	33	0.15		
Loughborough ...	29.57	43	W	3	0	29.26	-.57	52	51	+ 20	W	3	09	*	52	32	0.28		
Ardrossan ...	29.43	44	W	2	0	28.87	-.50	49	48	+ 5	SSW	4	09	3	49	40	0.57		
Mullaghmore ...	29.46	42	SW	4	0	29.11	-.30	48	45	0	NNW	9	09	7	53	41	0.11		
Donaghadee ...	29.49	42	S	2	0	28.95	-.46	49	47	+ 1	W	6	0	*	51	40	0.13		
Parsonstown ...	29.56	44	2	0	0	29.29	-.26	47	44	+ 1	W	6	0	*	54	42	0.14		
Barrow-in-Furness	29.50	44	NE	4	0	29.10	-.46	48	46	+ 12	WSW	4	09	3	50	38	0.42		
Holyhead ...	29.50	47	W	3	0	29.22	-.29	50	46	0	W	6	09	5	53	46	0.21		
Liverpool (Bidston) ...	29.54	44	W	3	0	29.17	-.43	50	45	+ 15	WSW	5	0	5	53	35	0.19		
Valencia ...	29.55	50	S	3	0	29.43	-.17	48	46	-	3	W	4	09	?	51	47	0.22	
Roche's Point ...	29.62	50	NNW	3	0	29.29	-.20	48	47	-	2	W	3	0	4	52	48	0.20	
Pembroke ...	29.62	51	WSW	4	0	29.35	-.20	52	50	0	WSW	7	09	6	54	50	0.17		
Soilly ...	29.78	52	WSW	4	0	29.54	-.15	54	53	+ 1	WSW	6	09	6	54	51	0.25		
Prawle Point ...	29.78	49	WSW	1	0	29.53	-.22	53	53	+ 3	SW	5	0	5	54	47	0.47		
Hurat Castle ...	29.69	47	W	3	0	29.50	-.32	51	51	+ 5	WSW	8	0	5	52	45	0.25		
Dungeness ...	29.67	47	SSW	6	0	29.51	-.39	51	51	+ 17	W	6	0	5	51	34	0.20		
London ...	29.62	50	S	2	0	29.43	-.42	53	53	+ 20	SW	4	0	*	53	33	0.19		
Oxford ...	29.65	44	S	1	0	29.39	-.41	53	52	+ 18	SW	6	09	*	53	35	0.20		
Cambridge ...	29.61	44	SW	1	0	29.34	-.49	52	50	+ 19	SW	2	0	*	?	31	0.21		
Yarmouth ...	29.59	44	SSW	5	0	29.38	-.48	47	47	+ 9	SSW	5	09	4	48	36	0.18		
The Helder ...																			
Cape Griz Nez ...	29.69	39	SW	8	0	29.54	-.48	48	48	+ 8	SW	8	0	6	?	36	0.28		
Jersey ...	29.76	51	NNW	6	0	29.65	-.23	54	54	+ 6	SW	7	09	5	54	46	0.51		
Brest ...	29.82	53	W	5	0	29.74	-.16	54	53	+ 3	S	7	0	5	?	50	0.28		
Lorient ...	29.85	53	W	7	0	29.85	-.07	55	54	+ 3	W	7	0	5	?	48	0.24		
Rochefort ...	30.04	51	WSW	8	0	30.02	-.13	54	54	+ 15	W	9	0	4	54	39	0.39		
Biarritz ...	30.16	50	SW	3	0	30.13	-.02	54	50	+ 13	SW	5	0	2	61	48	0.16		
Corunna ...																			
Brussels ...																			
Charleville ...	29.95	32	S	7	0	29.78	-.25	37	35	+ 9	S	7	0	*	37	27	0.16		
Paris ...	29.97	41	SSE	1	0	29.88	-.20	48	45	+ 12	NE	4	0	*	*	*	0.12		
Lyons ...	30.19	28	E	1	6	30.13	-.07	32	31	+ 11	S	3	0	*	34	?	0.08		
Toulon ...	30.07	39	W	2	6	30.16	+ .13	42	37	+ 3	E	1	6	2	48	44	-		
Barmuliet	29.43	44	W	2	0	29.10	-.24	45	44	-	2	NN	6	0	*	52	41	0.38	

## 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).

Fred. Dangerfield, Lith. London.



for 8 a.m. on WEDNESDAY 3<sup>RD</sup> DECEMBER 1884.

(Explanation of Map)

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

\*  $\longrightarrow$  = forces above  $W_i$   $\longrightarrow$  = forces 8 to  $W_i$   
 $\longrightarrow$  = forces 5 to  $T_i$   $\longrightarrow$  = forces 1 to  $q_i$   
 $\odot$  = dead calm.

 = Rough,  = High.

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

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 December.

*Note*—The Temperature means are for the 10 years 1871–80, the Rainfall means are mainly those for the 15 years 1866–80.



# REMARKS.

for Wednesday 3<sup>rd</sup> December 1884, at 8 a.m.

The depression which lay off the Hebrides yesterday morning subsequently passed away to the north-east, while the shallow disturbance over the St. George's Channel travelled across England. In the course of the night, however, a new and deep depression has advanced in a northeasterly direction to the W. of Scotland, and the barometer is now falling briskly at all stations excepting Valencia, where a recovery of pressure has set in since 10 p.m. Fresh southerly breezes prevail on the east coast of Great Britain and Easterly breezes in Norway but in the west and southwest of our islands the wind is strong from the westward, with a gale at Mullaghmore.

A fresh Southwesterly gale was experienced last night at Valencia. Full unsettled weather still prevails generally, with rain in most places. Rain fell yesterday in nearly all parts of Western Europe. Temperature has fallen slightly in the west and south of Ireland, but risen very considerably over England, the change at Loughborough and in London amounting to 20°; readings now range from 54° at Scilly to 38° at Nairn.

The sea is high at Mullaghmore and rough on our western and southern coast generally as well as at Abdeen.

The depression over the west of Scotland will probably continue to travel in a north-east or an east-north-east direction, but there are at present no signs of any permanent improvement in the weather.

## FORECASTS

for the 24 hours ending at NOON on 4<sup>th</sup> December 1884.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Wind shifting to N. or N.W. and increasing in force; dull and rainy at first, some improvement later.	6 { SCOTLAND WEST	N <sup>th</sup> or N.W. winds increasing in force, squally, showery.
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	S.W. to N <sup>th</sup> winds, increasing to a gale; squally, showery.	8 { ENGLAND S.W.	Same as N <sup>o</sup> 5
3 { ENGLAND EAST	Same as N <sup>o</sup> 5	9 { IRELAND NORTH	N <sup>th</sup> gales, backing and moderating later; unsettled, rain at times.
4 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	S.W. winds, fresh or strong; squally, showery.	WARNINGS	
		The South Cone was hoisted last evening in Districts 7 and 8, and parts of 1 and 4, and this morning in District 2. It is now up in Districts 0 to 2 & 6.	



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

YESTERDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes	29.76	36	32	SE	8	c	5	Valencia	29.64	51	49	W	3	om	4
Samburgh Head								Scilly	29.71	50	50	WNW	5	o	5
Stornoway	29.19	40	39	W	6	q/c	5	Dunagness	29.75	47	46	SSW	6	r	5
Aberdeen	29.21	40	39	S	7	o	6	London	29.65	48	47	SSW	4	omd	#
Shields	29.25	36	36	SW	4	o	3	Yarmouth	29.72	41	40	SSW	4	od	4
Ardrossan	29.38	47	44	WNW	4	bc	3	Jersey	29.78	50	50	SW	5	r	4
Mullaghmore	29.48	46	42	WNW	6	opg	6	Rochefort	30.07	49	46	S	4	o	2
Holyhead	29.54	48	46	W	4	c	3								

## REMARKS.

The barometer is rising a little at all our western stations, and the wind there has veered to the W<sup>nd</sup> with improving weather. On our E. and SE. coasts, however, the barometer still falls, the wind remains S<sup>3</sup>, and the weather dull and unsettled. The sea is rough on our northern coasts, rather rough in the Channel, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Thursday* 4<sup>th</sup> Dec<sup>r</sup> 1884.

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.				
			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.	Amount of Rainfall.	
Haparanda .....	29.84	19	2	0	0	29.76	- 13	18	18	+ 1	2	3	*	19	10	0.04		
Hernösand ...	29.79	23	2	0	3	29.64	- 17	30	27	+ 8	E	2	0	*	?	18	0.12	
Stockholm ...	29.74	22	2	0	0	29.49	- 27	32	30	+ 10	E	6	0	*	?	18	-	
Wisby ...	29.73	24	E	2	6	29.41	- 30	35	34	+ 7	E	4	5	*	36	19	0.16	
Bodö ...	29.55	23	E	9	6	29.47	- 11	25	22	- 6	E	9	6	5	3	25	-	
Christiansund ...	29.25	35	SE	3	C	29.00	- 40	38	32	+ 7	SE	5	C	3	?	?	-	
† Skudesnes ...	29.05	37	ESE	8	0	29.06	- 33	35	34	- 3	ESE	6	Ons	6	?	?	-	
Oxö (Xiansund) ...	29.28	34	ESE	8	5	29.12	- 47	30	29	- 3	?	6	5	4	34	28	0.59	
Skagen (The Skaw) ...	29.89	32	SSE	7	3	29.11	- 68	37	36	+ 5	SW	3	0	3	?	32	0.43	
Fanö ...	29.16	37	S	2	0	29.27	- 22	39	38	+ 9	WSW	2	6	*	41	28	0.35	
Cuxhaven ...	29.41	37	SSW	4	A	29.43	- 20	37	37	+ 2	SW	3	f	*	42	?	0.24	
† Sumburgh Head ...	28.89	42	E	4	A	28.77	- 41	40	40	-	WNW	5	A	5	44	35	1.45	
† Stornoway ...	29.02	40	WNW	3	-d	29.03	+ 08	35	34	- 6	W	4	0	3	42	32	0.07	
Wick ...	28.83	43	N	2	AU	29.00	- 01	34	33	- 7	W	2	6c	2	45	33	0.25	
Nairn ...	28.95	40	WNW	2	A	29.03	+ 09	35	34	- 3	SW	1	C	2	40	34	0.13	
† Aberdeen ...	28.89	41	W	5	C	29.05	+ 03	34	33	- 9	W	1	0	3	46	33	0.11	
Leith ...	29.00	39	W	5	C	29.03	+ 13	38	35	- 6	SSE	1	On	*	45	34	0.18	
† Shields ...	29.09	46	SW	6	0	29.01	- 12	40	40	- 7	SE	4	A	2	51	40	0.20	
Spurn Head ...	29.21	45	WSW	6	6c	29.05	- 15	42	42	- 2	SSE	5	Onm	3	49	35	0.11	
York ...	29.23	46	W	3	6	29.02	- 15	41	40	- 7	SSE	1	m	*	50	35	0.14	
Loughborough ...	29.31	43	W	6	6	29.11	- 15	44	43	- 8	SW	5	cg, u	*	53	36	0.24	
† Ardrossan ...	29.12	45	W	5	6	28.99	+ 12	35	35	- 14	ESE	2	Onm	1	50	33	0.44	
† Mullaghmore ...	29.26	43	W	5	cp, h	29.06	- 05	45	42	- 3	WNW	7	cg	6	48	40	0.16	
† Donaghadee ...	29.24	41	WNW	3	6	28.96	+ 01	40	40	- 9	WNW	1	C	0	49	34	0.18	
Parsonstown ...	29.35	39	2	0	6	29.12	- 15	40	39	- 7	W	3	On	*	47	38	0.33	
Barrow-in-Furness ...	29.22	45	WSW	4	6c	28.94	- 16	44	43	- 4	SW	4	C	*	49	40	0.23	
Holyhead ...	29.33	45	W	3	C	29.02	- 20	44	42	- 6	WSW	4	0	4	51	44	0.42	
Liverpool (Bidsdon) ...	29.29	40	WSW	4	6	29.02	- 15	43	40	- 7	SW	3	0	2	50	39	0.22	
Valencia ...	29.36	48	SW	5	C	29.45	+ 02	45	42	- 3	WNW	8	cg	6	54	39	0.60	
Roche's Point ...	29.41	43	W	3	6	29.24	- 15	41	41	- 7	WNW	9	Onp	5	49	40	0.60	
Pembroke ...	29.39	48	WSW	4	C	29.06	- 29	46	43	- 6	WSW	10	cg	8	52	44	0.24	
Scilly ...	29.48	50	WNW	4	A	29.45	- 09	48	43	- 6	WNW	10	cg	7	54	45	0.36	
Prawle Point ...	29.49	48	WNW	1	A	29.34	- 19	48	44	- 5	WSW	8	C	6	54	44	0.17	
Hurst Castle ...	29.47	47	W	3	A	29.30	- 20	47	46	- 4	W	7	6c, q	5	55	45	0.31	
Dungeness ...	29.40	52	WSW	7	ag	29.35	- 16	51	50	0	W	5	C	6	53	35	0.29	
London ...	29.42	47	SSW	3	On	29.24	- 19	50	47	- 3	WSW	5	cg, F	*	55	42	0.18	
Oxford ...	29.41	42	SW	4	C	29.19	- 20	47	44	- 6	SW	3	cg, u	*	54	40	0.08	
Cambridge ...	29.35	45	SW	1	0	29.17	- 17	47	45	- 5	SW	2	C	*	54	37	0.04	
Yarmouth ...	29.32	48	W	4	0	29.15	- 23	48	47	+ 1	SSW	5	C	4	52	38	0.21	
The Helder ...	29.34	45	WSW	3	A	29.38	- 14	37	37	- 5	S	1	C	3	48	37	0.20	
Cape Griz Nez ...	29.53	54	WSW	8	m	29.48	- 17	48	46	- 6	W	8	cg, n	7	54	43	0.53	
Jersey ...	29.63	53	WSW	9	f	29.60	- 14	49	46	- 5	WNW	9	6c	7	54	46	0.28	
Lorient ...	29.74	55	W	8	m	29.67	- 18	52	50	- 3	W	9	C	7	55	46	0.28	
Rochefort ...	30.03	55	WSW	8	f	29.94	- 08	55	53	+ 1	WSW	12	A	4	57	48	0.16	
Biarritz ...	30.15	54	SE	1	6	30.10	- 03	54	49	0	SW	5	C	4	64	48	-	
Corunna ...	*	*	*	*	*	29.45	- 20	50	50	+ 8	S	4	A	*	55	?	0.98	
Brussels ...	*	*	*	*	*	?	- ?	51	49	+ 14	S	4	A	*	54	?	1.18	
Charleville ...	29.65	51	S	3	A	29.62	- 18	54	53	+ 6	S	3	A	*	*	*	0.35	
Paris ...	29.72	50	SSW	3	A	30.08	- 05	44	42	+ 12	S	4	C	*	45	?	-	
Lyons ...	30.68	44	S	5	0	30.17	- 02	48	45	+ 6	S	3	0	2	50	41	-	
Toulon ...	30.18	48	W	2	C	29.23	+ 03	43	41	- 2	WNW	8	C	*	45	41	0.42	
Belmullet ...	29.23	44	W	3	6c	29.23	+ 03	43	41	- 2	WNW	8	C	*	45	41	0.42	

## 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 Thursday, 4<sup>th</sup> December.

1884.

## BAROMETER, WIND & SEA.

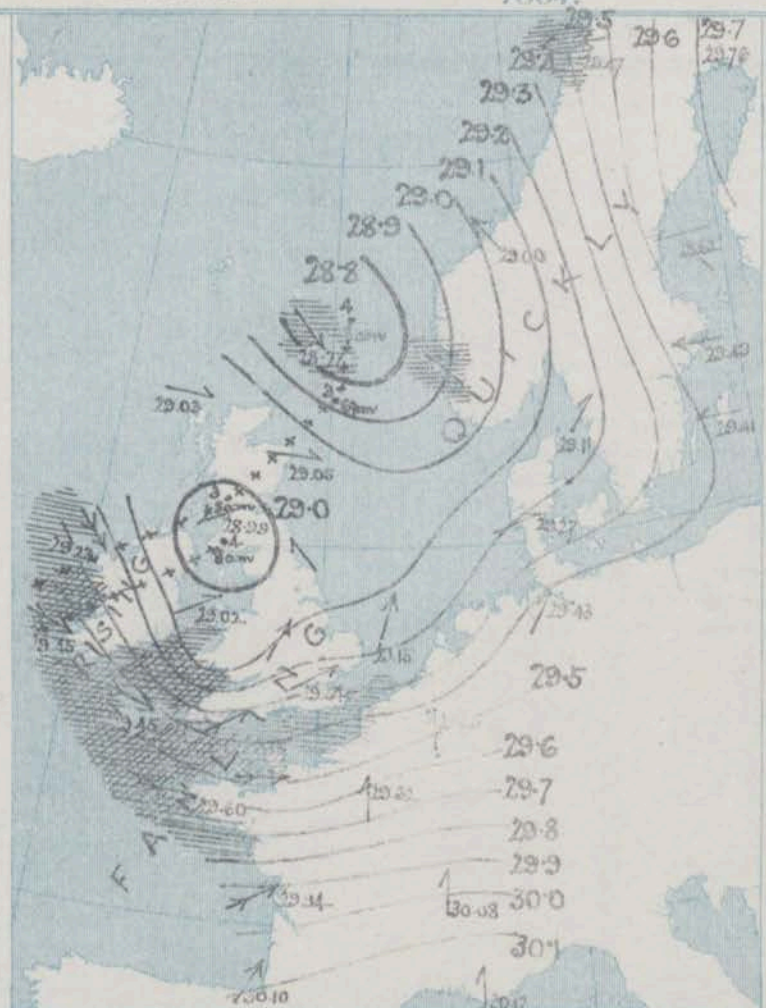
(Explanation of Map)

- 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 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 December.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sunbury Head.	29.680
Stornoway.	29.701
Wick.	29.718
Nairn.	29.741
Aberdeen.	29.750
Leith.	29.800
Shields.	29.836
York.	29.877
Ardrossan.	29.810
Donaghadee.	29.832
Holyhead.	29.858
Liverpool.	29.892
Valencia.	29.879
Roch's Point.	29.899
Pembroke.	29.897
Scilly.	29.842
Hurst Castle.	29.838
Dover.	29.842
LONDON.	29.839
Oxford.	29.837
Cambridge.	29.826
Yarmouth.	29.802



## 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 AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunbury Head.	39.0	37.6	4.13
Stornoway.	38.8	37.6	5.61
Wick.	37.8	36.4	3.21
Nairn.	36.8	35.4	2.01
Aberdeen.	36.8	35.3	3.92
Leith.	33.4	31.0	1.06
Shields.	39.2	36.9	3.03
York.	36.2	35.9	2.59
Ardrossan.	40.1	38.3	4.17
Donaghadee.	40.1	39.1	2.86
Holyhead.	42.9	41.3	4.03
Liverpool.	39.1	37.4	2.88
Valencia.	44.7	41.8	6.06
Roch's Point.	42.8	41.9	4.89
Pembroke.	43.7	42.6	4.26
Scilly.	47.2	45.3	4.18
Hurst Castle.	40.6	39.9	2.08
Dover.	40.0	38.6	3.51
LONDON.	43.1	37.1	2.28
Oxford.	37.3	36.6	2.10
Cambridge.	36.3	35.6	2.02
Yarmouth.	37.9	37.2	2.99

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





1884, at 8 a.m.

Note. Owing to defective lithography, the observations on yesterday charts are all much too far to the Eastward.

for the 24 hours ending at NOON on 5<sup>th</sup> December. 1884.  
(Issued at 11 a.m. on the previous day.)

*Frederick Dangerfield, Lith. London, (131.)*



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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.28	38	33	ESE	8	S	6	Valencia	29.89	46	45	WSW	2	c	3
Sumburgh Head								Scilly	29.48	52	51	W	4	h f	5
Stornoway	29.91	42	41	WN	3	0	2	Dungeness	29.45	52	52	WSW	7	h	5
Aberdeen	29.84	43	42	WSW	1	0	4	London	29.41	55	49	WSW	4	0	*
Shields	29.00	49	47	SW	7	0	2	Yarmouth	29.32	52	49	WSW	4	0	3
Ardrossan	29.02	46	44	WNW	7	0	5	Jersey	29.59	63	63	SW	6	h	5
Mullaghmore	29.24	46	42	WNW	6	0	6	Rochefort	30.03	55	55	W	8	h	3
Holyhead	29.31	47	43	W	6	0	6								
Belfast	29.25	45	43	WN	3	0	2								

## REMARKS.

The depression in the north continues to travel northeastwards and the barometer is rising on our north west coast. At Valencia however, a fresh fall has set in since the morning. No important change is shown in the winds and weather. The sea is still rough on several parts of our western and southern coasts.



# DAILY WEATHER REPORT

for *Friday* 5<sup>th</sup> Dec<sup>r</sup> 1884.

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 3 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rain (in).
			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).				Max.	Min.	
Haparanda .....	29.77	18	Z	0	0		29.79	+03	17	17	-1	Z	0	0	*		19	9	-
Hernösand ...	29.60	28	SSE	2	0		29.57	-01	26	24	-4	SE	4	0	*		30	19	0.04
Stockholm ...	29.40	31	ESE	4	0		29.19	-30	82	82	0	E	6	0	*		32	19	1.97
Wisby ...	29.33	35	SSW	4	0		29.17	-24	81	81	+2	S	2	0	*		81	23	0.24
Bodö ...	29.43	26	E	8	0		29.40	-01	27	23	+2	E	4	0	*		28	25	-
Christiansund ...	28.99	39	SSE	6	0		29.12	+12	39	33	+1	SE	4	0	3		39	34	-
† Skudesnæs ...	29.11	39	SSE	4	0		29.21	+15	36	35	+1	NHE	1	0	4		39	?	-
Oxö (Åhusund) ...	29.08	31	NE	6	0		29.12	00	32	31	+2	N	6	0	4		?	28	0.43
Skagen (The Skaw)	29.12	38	Z	0	0		28.98	-13	36	35	-1	Z	0	0	0		41	32	0.41
Fanö ...	29.01	37	S	4	0		29.21	-06	38	31	-1	N	6	0	*		39	32	0.30
Cuxhaven ...	29.21	41	SSW	5	λ		29.40	-03	40	39	+3	N	6	0	*		43	?	0.40
† Sumburgh Head	28.97	42	NW	5	0		29.22	+45	42	38	+1	NW	4	0	4		43	29	0.02
† Stornoway ...	29.10	37	N	4	λ		29.40	+37	37	36	+2	NW	3	0	2		38	32	0.30
Wick ...	29.08	38	NW	2	0		29.38	+38	33	32	-1	NW	2	0	1		39	30	-
Nairn ...	29.12	36	WSW	1	0		29.38	+35	32	31	-3	Z	0	0	1		37	31	-
† Aberdeen ...	29.16	37	N	3	0		29.37	+32	30	29	-4	WNW	1	0	1		39	29	-
Leith ...	29.22	37	NW	1	0		29.32	+29	39	36	+1	N	1	0	1		40	34	0.14
† Shields ...	29.19	38	NW	4	λ		29.42	+41	40	38	0	SW	3	0	3		41	35	0.33
Spurn Head ...	29.13	40	WNW	8	0		29.49	+44	39	39	-3	WSW	5	0	3		45	37	0.10
York ...	29.27	39	WNW	4	λ		29.54	+52	38	37	-3	N	3	0	*		43	37	0.09
Loughborough ...	29.41	40	WNW	7	λ		29.64	+53	39	37	-5	N	5	0	*		45	38	0.09
† Ardrossan ...	29.26	42	N	1	0		29.44	+45	44	42	+9	WNW	6	0	5		44	33	0.38
† Mullaghmore ...	29.44	43	WNW	8	0		29.65	+59	45	42	0	WNW	6	0	6		46	41	0.10
† Donaghadee ...	29.39	40	WNW	3	0		29.58	+62	38	37	-2	WNW	3	0	1		42	35	0.31
† Parsonstown ...	29.51	38	NW	1	λ		29.75	+63	38	37	-2	N	1	0	*		45	36	0.17
Barrow-in-Furness	29.25	42	NW	4	0		29.54	+66	42	40	-2	WSW	5	0	?		44	39	0.24
† Holyhead ...	29.50	44	WNW	7	0		29.67	+65	44	41	0	N	6	0	5		46	42	0.02
Liverpool (Bulton)	29.32	44	N	7	0		29.60	+58	42	39	-1	N	6	0	5		45	38	0.20
Valencia ...	29.75	45	N	6	0		29.86	+41	46	46	+1	N	4	0	5		49	41	0.23
Roche's Point ...	29.70	40	NW	6	0		29.81	+57	45	43	+2	N	4	0	4		47	40	0.10
Pembroke ...	29.61	47	N	8	0		29.78	+72	49	44	+3	N	6	0	7		49	37	0.04
Scilly ...	29.81	48	N	9	0		29.95	+50	50	48	+2	WNW	8	0	7		50	43	0.10
† Frawle Point ...	29.76	45	WNW	6	0		29.88	+54	45	43	-3	N	5	0	5		48	39	0.23
† Hurst Castle ...	29.64	44	WNW	8	0		29.82	+52	44	42	-3	N	6	0	6		51	41	0.08
† Dungeness ...	29.45	45	WSW	7	0		29.76	+40	43	40	-8	WNW	5	0	4		53	43	0.04
London ...	29.48	45	WNW	7	0		29.74	+50	39	37	-11	WSW	4	0	*		51	39	0.01
Oxford ...	29.61	41	WNW	6	0		29.73	+54	40	38	-7	SW	3	0	*		47	38	0.01
Cambridge ...	29.36	43	WSW	5	0		29.65	+48	38	36	-9	SW	1	0	*		48	35	0.05
Yarmouth ...	29.17	41	NW	7	0		29.60	+45	38	37	-10	N	4	0	4		48	36	0.17
† The Helder ...	29.08	43	WSW	8	0		29.56	+18	42	40	+5	WSW	5	0	4		45	37	0.12
Cape Griz Nez ...	29.43	46	N	12	0		29.68		45	42		WNW	9	0	7		54	43	0.12
† Jersey ...	29.80	48	N	8	0		29.93	+45	48	45	-3	WNW	7	0	7		52	42	0.02
† Brest ...	29.99	46	NW	7	0		30.04	+44	50	41	+1	WNW	7	0	5		52	41	0.16
† Lorient ...	30.02	47	WNW	9	0		30.08	+41	50	46	-2	WNW	8	0	7		55	43	0.08
† Rochefort ...	30.13	50	NW	11	0		30.22	+28	50	48	-5	N	7	0	4		55	43	0.16
Biarritz ...	30.24	52	N	5	λ		30.30	+20	48	46	-6	SW	4	0	6		53	46	0.16
Corunna ...	*	*	*	*	*		*	*	*	*	*	*	*	*	*		*	*	*
Brussels ...	*	*	*	*	*		29.78	+33	40	39	-10	SW	5	λ	*		54	39	0.47
Charleville ...	29.63	41	NW	5	0		29.89	?	39	37	-12	SW	7	λ	*		52	37	0.71
Paris ...	29.77	49	SW	4	0		29.94	+32	44	42	-10	?	4	λ	*		*	*	0.20
Lyons ...	30.01	49	SSW	3	0		30.26	+18	36	34	-8	N	1	0	*		50	34	0.08
Toulon ...	30.10	48	SW	3	0		30.10	-07	41	36	-7	NW	8	0	5		35	41	-
† Brestmillet ...	29.50	41	NW	7	0		29.66	+43	44	43	+1	WNW	3	0	4		45	38	0.31

## 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 5<sup>th</sup> December 1884.

## 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 —

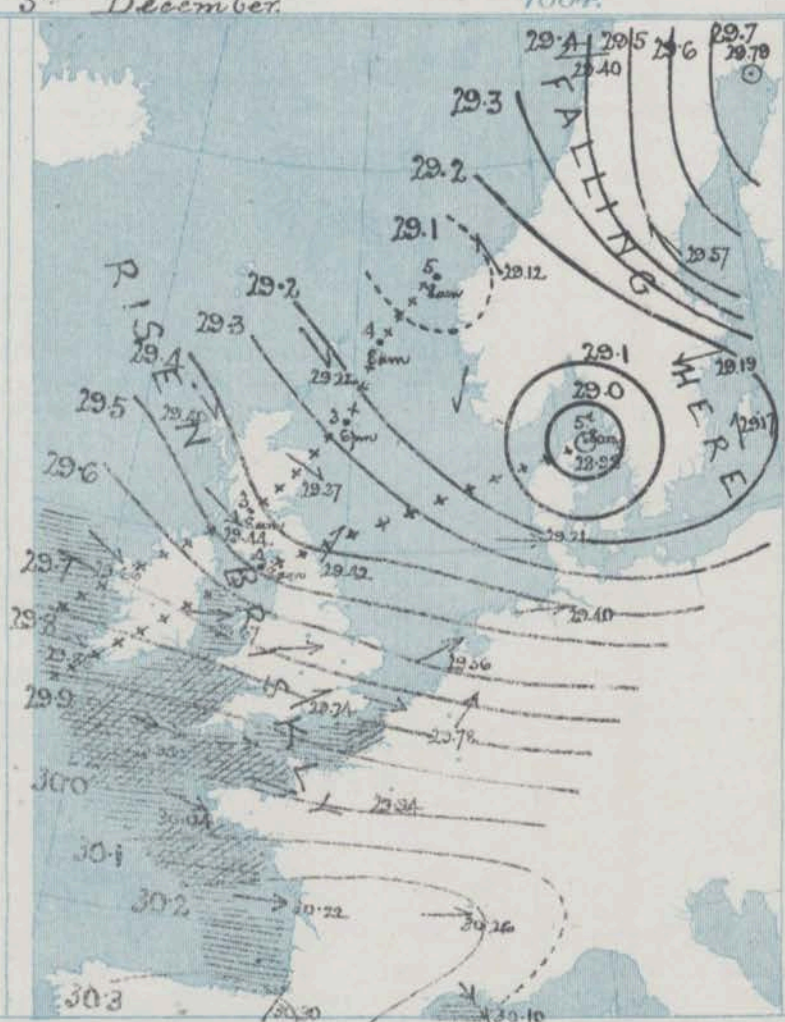
→ = forces above 10; → = forces 8 to 10;  
→ = forces 5 to 7; → = forces 1 to 4;  
○ = dead calm.

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

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.630
Stornoway.	29.701
Wick.	29.717
Nairn.	29.741
Aberdeen.	29.750
Leith.	29.806
Shields.	29.856
York.	29.877
Ardrossan.	29.810
Donaghadee.	29.832
Ballyhead.	29.858
Liverpool.	29.882
Valencia.	29.879
Rock's Point.	29.889
Pembroke.	29.897
Silly.	29.943
Harst Castle.	29.986
Dover.	29.942
LONDON.	29.834
Oxford.	29.837
Cambridge.	29.826
Yarmouth.	29.902



## 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 AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.0	37.8	4.38
Stornoway.	38.9	37.6	5.61
Wick.	37.8	36.4	3.21
Nairn.	36.9	35.4	2.01
Aberdeen.	36.9	35.3	3.42
Leith.	38.4	37.0	1.95
Shields.	39.2	38.0	2.03
York.	36.2	35.4	2.69
Ardrossan.	40.1	38.3	4.17
Donaghadee.	40.1	39.1	2.86
Ballyhead.	42.9	41.3	4.03
Liverpool.	39.7	37.4	2.88
Valencia.	44.7	41.8	6.05
Rock's Point.	42.8	41.4	4.89
Pembroke.	43.7	42.6	4.26
Silly.	47.2	45.3	4.18
Harst Castle.	40.6	38.9	2.88
Dover.	40.0	38.6	3.51
LONDON.	39.1	37.1	2.28
Oxford.	37.3	36.6	2.19
Cambridge.	36.3	35.6	2.02
Yarmouth.	37.9	37.2	2.89

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for Friday 5<sup>th</sup> December.

1884. at 8 a.m.

The depression which had reached the Shetlands yesterday morning has continued to travel slowly north-eastwards, and has at the same time gradually filled up. In the meantime the new disturbance whose centre lay off the south-west of Scotland has travelled steadily east-north-eastwards, and is now found near the Skagerrack, so that while the pressure has fallen a little over Scandinavia and Denmark it has risen briskly in our Islands and France. The wind is SE<sup>3</sup> in Norway and Sweden, but elsewhere it is chiefly W<sup>3</sup>, and in the western part of the Channel it still blows a moderate to fresh gale. During yesterday a whole gale from the W<sup>3</sup> was felt on several parts of our south and south-west coasts, while fresh to strong gales from W. or NW. were experienced in Ireland and the north and east of England. The weather is cloudy at most of the Scandinavian stations, with snow at Stockholm, but in our Islands and France a decided improvement has taken place. Showers are, however, falling at Stornoway, Ardnam and Jersey and rain at Leith. Lightning was seen last night at Spurn Head and Mullaghmore, and a thunderstorm occurred at Cuxhaven. Temperature has fallen a few degrees and readings now range from 50° at Scilly to 30° at Aberdeen. The sea is high off the south-west of England, and rather rough in most of our western and southern coasts.

There is at present no indication of the approach of any fresh depression, but the distribution of pressure is not favourable for the continuance of fine settled weather.

## FORECASTS

for the 24 hours ending at NOON on 6<sup>th</sup> December. 1884.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	NW <sup>3</sup> winds, backing later; fair to unsettled and some rain.	6 { SCOTLAND WEST	W <sup>3</sup> to SW <sup>3</sup> winds, strong, perhaps a gale; fair to unsettled and some rain.
1 { SCOTLAND EAST	--- D° --- D° --- D° ---	7 { ENGLAND N.W.	--- D° --- D° --- D° ---
2 { ENGLAND N.E.	Same as No 5	8 { ENGLAND S.W.	W <sup>3</sup> or SW <sup>3</sup> winds, strong, a gale in places; unsettled, some rain
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	W <sup>3</sup> to SW <sup>3</sup> winds, fresh or strong; changeable, some showers.	WARNINGS	The S. cone was hoisted last evening in districts 7, 8. and part of 10, and signals are now flying in districts 3. and 5 to 10.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes	29.10	39	37	SSE	8	0	6	Valencia	29.67	46	43	WNW	7	bcq	1
Sumburgh Head	28.88	42	40	NW	5	0	5	Scilly	29.72	45	43	WNW	10	eqh	1
Stornoway	29.08	37	37	N	4	18	3	Dungeness	29.28	46	44	SW	9	cq	1
Aberdeen	29.06	38	36	WNW	2	0	2	London	29.25	46	42	WSW	6	op	1
Shields	28.95	36	36	WNW	4	0	3	Yarmouth	29.11	46	43	WSW	5	onq	4
Ardrossan	29.15	42	40	N	4	0	3	Jersey	29.62	47	43	W	9	c	1
Mullaghmore	29.36	45	41	WNW	8	0	6	Rochefort	29.98	53	50	W	9	0	1
Holyhead	29.28	46	42	WNW	8	0	1								
Belmullet	29.48	43	42	NW	7	0	2								

## REMARKS.

The depression which lay off the south-west of Scotland this morning is now found off the north-east coast of England and the barometer has risen briskly at all our western stations. N<sup>4</sup>W gales prevail on our west and south-west coasts and a strong S.W. gale at Dungeness, with changeable, showery weather at nearly all stations. The sea runs high in the west and south generally.



# DAILY WEATHER REPORT

for *Saturday* 6<sup>th</sup> Dec<sup>r</sup> 1884.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, 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 .....	29.84	6	Z	0	bc	29.89	+ 10	-4	-4	- 21	Z	0	o	•	18	5	-	
Hernösand ...	29.56	23	NE	6	o	29.67	+ 10	21	21	- 5	NE	6	o	•	28	19	-	
Stockholm ...	29.20	32	NNE	6	o	29.52	+ 33	27	27	- 5	N	2	o	•	37	?	0.39	
Wisby ...	29.09	39	NW	6	h	?	?	33	32	- 4	NW	8	o	•	41	?	0.12	
Bodö ...	29.46	24	E	2	bc	29.46	+ 06	24	20	- 3	E	6	bc	3	27	?	-	
Christiansund ...	29.30	38	ESE	1	o	29.28	+ 16	35	31	- 4	ESE	3	c	3	?	32	-	
† Skudesnaes ...	29.45	41	SSE	2	h	29.33	+ 12	42	40	+ 6	SSE	8	h	5	?	36	-	
Oxö (Klansund) ...	29.48	28	NW	1	bc	29.53	+ 41	36	35	+ 4	ESE	6	h	4	?	25	-	
Skagen (The Skaw)	29.43	34	NW	5	o	29.62	+ 64	33	31	- 3	NNE	2	o	1	36	30	0.12	
Panö ...	29.57	35	Z	0	bc	29.60	+ 39	38	38	0	S	5	c	•	39	34	0.16	
Cuxhaven ...	29.58	35	WSW	3	h	29.74	+ 34	37	37	- 3	SSW	2	c	•	40	34	0.10	
† Sumburgh Head	29.37	37	NW	1	o	28.95	- 27	46	43	+ 4	SW	5	o	5	46	35	0.16	
† Stornoway ...	29.22	42	S	7	h	28.97	- 43	41	40	+ 4	SW	6	bcg	5	48	33	0.41	
Wick ...	29.39	38	SW	1	o	29.02	- 36	39	37	+ 6	SW	2	bc	3	43	32	0.05	
Nairn ...	29.40	40	SW	1	c	29.10	- 28	41	40	+ 9	SW	2	o	2	41	31	0.05	
† Aberdeen ...	29.48	36	WSW	1	c	29.16	- 21	40	38	+ 10	SW	2	bc	2	43	28	0.03	
Leith ...	29.53	46	SW	2	o	29.25	- 07	47	42	+ 8	SW	5	cp	•	50	37	0.01	
† Shields ...	29.62	41	WSW	1	m	29.34	- 08	48	46	+ 8	SW	2	bcw	2	50	39	0.03	
Spurn Head ...	29.70	41	WSW	3	o	29.46	- 03	49	49	+ 10	SW	4	bc	3	49	38	0.03	
York ...	29.71	42	W	1	o	29.46	- 08	50	48	+ 12	WSW	1	c	•	52	38	0.02	
Loughborough...	29.77	43	WSW	4	o	29.55	- 09	51	50	+ 12	SW	5	ogv	•	51	39	0.15	
† Ardrossan ...	29.50	43	S	5	h	29.30	- 14	47	46	+ 3	SW	5	o	4	47	41	0.25	
† Mullaghmore ...	29.37	49	SSW	6	on	29.31	- 34	48	44	+ 3	SW	6	cm	5	51	42	0.35	
Donaghadee ...	29.53	43	SW	3	h	29.36	- 22	44	43	+ 6	WSW	2	c	0	51	37	0.23	
Parsonstown ...	29.56	49	SW	3	h	29.47	- 28	47	45	+ 9	SW	1	bc	•	53	36	0.37	
Barrow-in-Furness	29.65	44	SW	4	h	29.44	- 10	47	46	+ 5	SW	4	o	3	50	42	0.23	
† Holyhead ...	29.65	46	SSW	4	h	29.51	- 13	49	47	+ 5	SW	3	cm	3	52	43	0.40	
Liverpool (Bidston)	29.71	42	SW	2	h	29.51	- 09	49	45	+ 7	WSW	4	bc	2	53	42	0.32	
† Valencia ...	29.61	53	SW	8	nmv	29.53	- 33	52	50	+ 6	SW	6	omv	6	55	46	0.49	
Roche's Point ..	29.67	48	WSW	5	h	29.61	- 20	50	49	+ 5	WSW	3	c	4	52	44	0.45	
Pembroke ...	29.76	51	WSW	6	h	29.58	- 20	53	53	+ 4	WSW	7	nm	7	53	47	0.58	
† Scilly ...	29.92	52	SW	7	h	29.76	- 19	53	53	+ 3	SW	7	omv	6	53	48	0.08	
Prawle Point ...	29.94	50	WSW	6	o	29.79	- 09	51	51	+ 6	SW	6	o	6	51	42	0.25	
Hurst Castle ...	29.91	47	W	3	o	29.76	- 06	50	50	+ 6	WSW	6	omv	4	51	43	0.20	
† Dungeness ...	29.86	46	WNW	4	c	29.76	- 01	51	50	+ 8	W	6	h	6	51	43	0.15	
† London ...	29.85	45	W	3	o	29.69	- 05	53	51	+ 14	SSW	5	o	•	53	39	0.42	
Oxford ...	29.83	44	SSW	3	h	29.67	- 06	51	51	+ 11	SW	5	ogp	•	52	40	0.36	
Cambridge ...	29.81	40	W	1	bc	29.62	- 03	52	51	+ 14	SW	2	o	•	52	36	0.11	
† Yarmouth ...	29.77	39	W	4	bc	29.61	+ 01	50	49	+ 12	WSW	3	omv	3	50	36	0.04	
The Helder ...	29.71	43	W	4	bc	29.62	+ 06	46	46	+ 4	SSW	4	h	4	46	41	0.12	
Cape Griz Nez...	29.84	47	W	9	c	29.76	+ 08	52	50	+ 7	SW	8	h	6	?	45	0.28	
† Jersey ...	30.01	51	W	7	omv	29.91	- 02	52	52	+ 4	WSW	7	omv	7	52	45	0.07	
Brest ...	30.10	51	W	5	o	30.00	- 04	53	52	+ 3	WNW	7	o	7	?	44	-	
Lorient ...	30.13	52	WNW	7	c	30.08	00	53	51	+ 3	W	8	o	7	54	45	-	
† Rochefort ...	30.28	50	WNW	7	bc	30.28	+ 06	51	49	+ 1	WSW	7	o	2	55	45	-	
Biarritz ...	30.15	54	W	4	o	30.29	- 01	46	43	- 2	SE	3	bc	5	63	41	-	
Corunna ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Brussels ...	•	•	•	•	•	29.82	+ 04	47	47	+ 7	SW	5	h	•	47	?	0.16	
Charleville ...	?	38	?	4	bc	29.97	+ 08	?	43	?	SSW	?	?	•	52	37	0.32	
Paris ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Lyons ...	30.24	42	SSW	1	h	30.34	+ 08	36	36	0	SSE	1	bc	•	44	35	0.04	
Toulon ...	30.08	44	NW	8	c	30.19	+ 09	46	43	+ 5	NW	7	bc	6	46	41	-	
Belmullet ...	29.35	51	W	7	h	29.29	- 37	47	47	+ 3	W	7	o	•	51	44	0.54	

## 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 Saturday 6<sup>th</sup> December. 1884.

## 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.

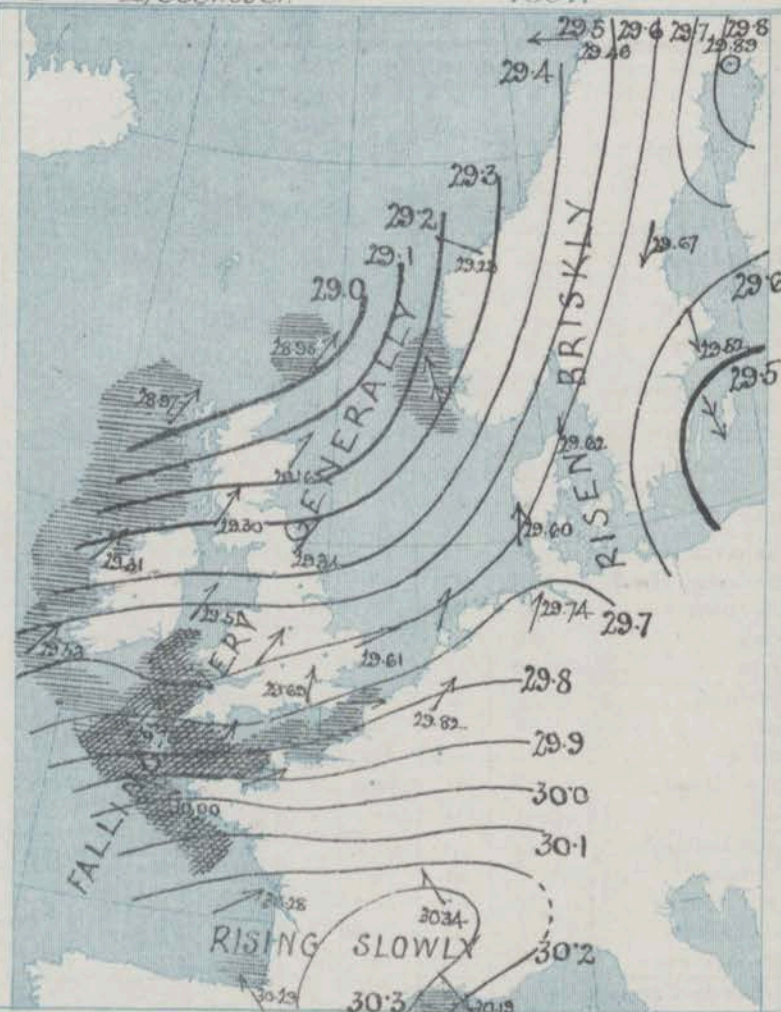
**Sea Disturbance** — where considerable is shown thus

■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.680
Stornoway	29.701
Wick	29.712
Nairn	29.741
Aberdeen	29.750
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.810
Donaghadee	29.832
Holyhead	29.858
Liverpool	29.882
Valencia	29.879
Rock's Point	29.889
Pembroke	29.897
Scilly	29.843
Hurst Castle	29.938
Dover	29.942
LONDON	29.934
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902



## 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.

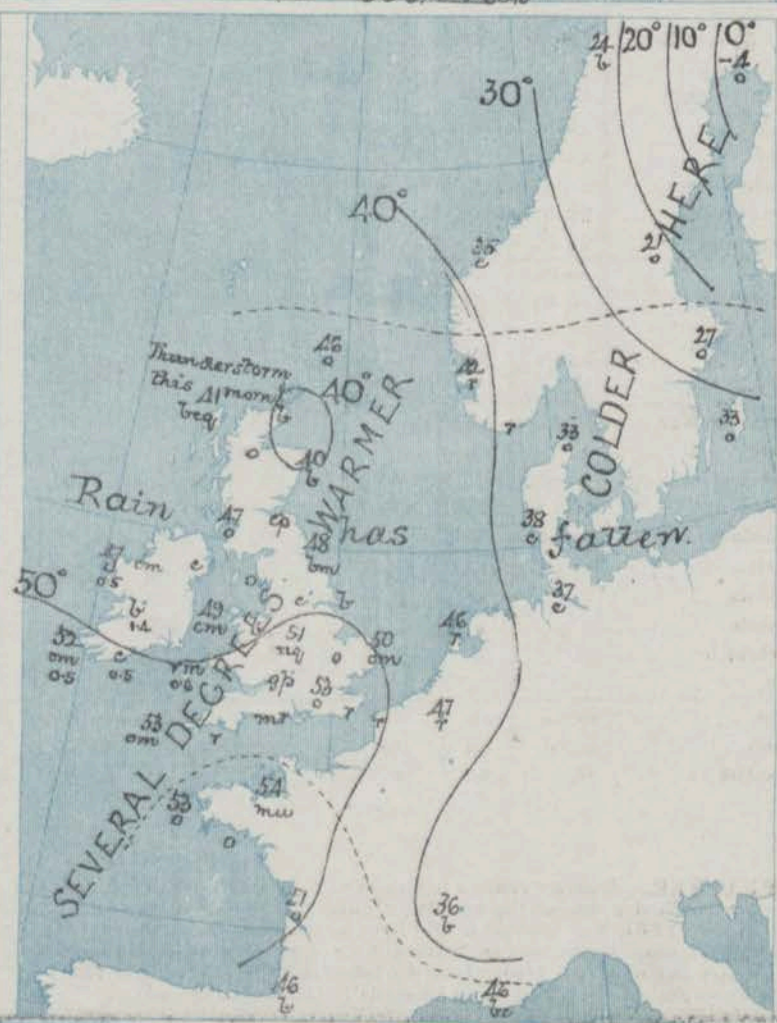
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.0	37.6	4.13
Stornoway	38.9	37.8	6.61
Wick	37.8	36.4	3.21
Nairn	36.9	35.4	2.01
Aberdeen	36.9	35.3	3.92
Leith	38.4	37.0	1.96
Shields	39.2	36.9	3.03
York	36.2	35.4	2.64
Ardrossan	40.1	38.3	4.17
Donaghadee	40.1	39.1	2.85
Holyhead	42.9	41.3	4.03
Liverpool	39.1	37.4	2.89
Valencia	44.7	41.8	6.05
Rock's Point	42.9	41.4	4.89
Pembroke	43.7	42.6	4.26
Scilly	47.2	45.3	4.18
Hurst Castle	40.6	38.9	2.98
Dover	40.0	36.8	3.51
LONDON	38.1	37.1	2.28
Oxford	37.3	36.6	2.19
Cambridge	36.3	35.6	2.02
Yarmouth	37.9	37.2	2.99

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for Saturday 6<sup>th</sup> November.

1884, at 8 a.m.

The depression which lay over the Skager Rack yesterday has passed away to the eastward, but in the meantime a new and extensive disturbance has appeared off the north-west of Scotland. The barometer has consequently risen on the eastern shores of the North Sea, while it has fallen in our Islands and the north of France. The wind is N<sup>W</sup> in Sweden, and E<sup>SE</sup> in Norway, but elsewhere it is chiefly SW<sup>W</sup>, and on many parts of our western and southern coast it still blows with the force of a moderate gale. Fresh SW<sup>W</sup> gales were felt last night at several of our stations, and a whole gale from the same quarter is reported to have occurred at Wick. The weather is fine on the east coast of Great Britain, but cloudy or overcast elsewhere, with rain in the south of England. Since yesterday rain has again fallen generally, the largest amounts being 1.4 in. at Parsonstown, 0.6 in. at Pembroke, and 0.5 in. at Belmullet. Thunder and lightning occurred at Stornoway early this morning. Temperature has risen several degrees, and readings now range from 53° at Pembroke, Scilly, and in London to 39° at Wick. The sea is high at the mouth of the Channel, and rough on our western and extreme northern coast.

As the barometer appears to be still falling at Valencia, and the wind in the west of Ireland are not inclined to veer there seems to be some probability of the advance of further depressions.

# FORECASTS

for the 24 hours ending at NOON on 7<sup>th</sup> December. 1884.

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

## DISTRICTS.

## FORECASTS.

0 { SCOTLAND NORTH	SW <sup>W</sup> and S <sup>W</sup> winds, strong to a gale; fair to cloudy and rain
1 { SCOTLAND EAST	----- D. ----- D. ----- D. -----
2 { ENGLAND N.E.	SW <sup>W</sup> winds, moderate to strong; cloudy, rain at times.
3 { ENGLAND EAST	----- D. ----- D. ----- D. -----
4 { MIDLAND COUNTIES	Same as No 5.
5 { ENGLAND SOUTH	SW <sup>W</sup> strong winds or gales; squally, rain at times.

## DISTRICTS.

## FORECASTS.

6 { SCOTLAND WEST	SW <sup>W</sup> winds, increasing to a gale; cloudy, rain at times.
7 { ENGLAND N.W.	----- D. ----- D. ----- D. -----
8 { ENGLAND S.W.	SW <sup>W</sup> to W <sup>W</sup> strong winds and gales; cloudy, rain at times.
9 { IRELAND NORTH	----- D. ----- D. ----- D. -----
10 { IRELAND SOUTH	----- D. ----- D. ----- D. -----

## WARNINGS

The south cone was hoisted last evening in districts 0 to 2, and re-hoisted in district 5, and is now flying in all districts excepting bands



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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnes							Valencia	29.74	52	51	SW	7	o n u g 6
Sumburgh Head	29.36	42	38	WN	4	C 4	Scilly	29.96	52	50	WN	6	o 6
Stornoway	29.42	40	39	SSW	4	o g 5	Dungeness	29.81	47	44	WNW	4	c 4
Aberdeen	29.50	37	36	W	1	6 1	London	29.80	48	43	W	4	c *
Shields	29.59	40	39	WNW	2	6 2	Yarmouth	29.66	43	41	WNW	4	bc 4
Ardrossan	29.59	46	44	SW	2	o 2	Jersey	29.99	51	48	W	7	c 7
Mullaghmore	29.39	43	42	SSW	5	o A 5	Rocheport	30.26	53	50	WNW	8	c 3
Holyhead	29.75	46	43	SW	4	o 4							
Balmullet	29.51	46	?	SW	4	A 2							

## REMARKS.

The barometer has begun to fall quickly in the west, while the wind has backed to SW, with rain. At our eastern stations the barometer still rises, the wind is W, and the weather fine. The sea is rough in the extreme west and south west.



for Sunday 7<sup>th</sup> December 1884.  
 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	BAROMETR.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	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.	Dirac.	Force, (0 to 12)		Max.	Min.			
Haparanda .....	29.89	-10	N	2	b	29.89	+00	-2	-2	+	2	E	2	c	7	-10	-	
Hernösand ...	29.78	18	NNE	2	o	29.87	-10	26	25	+	5	E	2	o	?	16	-	
Stockholm ...	29.65	26	Z	0	o	29.45	-107	39	32	+	6	SE	2	o	34	25	0.04	
Wisby ...	29.67	31	W	6	o	29.49	-?	37	37	+	4	S	2	o	?	30	0.08	
Bodö ...	29.41	23	E	8	b	29.28	-18	22	19	-	2	E	6	c	?	21	-	
Christiansund ...	29.12	29	SSE	6	o	29.06	-22	41	35	+	6	SSE	3	c	41	32	-	
Skudeaanes ...	29.25	46	SSE	8	r	29.25	-08	45	43	+	3	WNW	6	o	46	41	0.59	
Oxö (Xönsund) ...	29.26	33	N	4	o	29.36	-17	35	32	-	3	NNE	1	b	39	30	0.47	
Skagen (The Skaw)	29.41	39	SSW	5	o	29.39	-28	39	39	+	6	SW	4	o	?	32	0.16	
Fanö ...	29.30	42	NSW	4	c	29.59	-01	41	40	+	3	W	5	b	43	36	0.04	
Cuxhaven ...	29.62	42	SW	3	o	29.75	+01	45	45	+	8	W	4	bc	46	?	0.14	
Sumbargh Head	29.85	45	SW	4	c	29.98	+03	43	39	-	3	SW	6	c	46	39	0.30	
Stornoway ...	28.87	44	SW	7	r	29.05	+08	42	40	+	1	SW	10	bc	45	39	0.48	
Wick ...	29.01	41	SW	2	bc	29.13	+11	38	37	-	1	SW	2	b	43	36	0.08	
Nairn ...	29.03	41	NSW	4	r	29.20	+10	38	37	-	3	NSW	3	c	46	37	0.39	
Aberdeen ...	29.12	42	SW	3	b	29.30	+14	38	36	-	2	SSW	3	b	46	37	-	
Leith ...	29.25	46	SW	4	c	29.46	+15	44	40	-	3	SW	4	b	49	40	0.16	
Shields ...	29.33	49	SW	6	b	29.54	+20	46	44	-	2	SW	4	bc	51	42	-	
Spurn Head ...	29.49	48	NSW	4	b	29.70	+24	45	44	-	4	SW	4	b	50	42	-	
York ...	29.47	48	SSW	2	b	29.69	+23	47	44	-	3	SSW	1	o	53	42	-	
Loughborough...	29.38	50	NSW	4	b	29.78	+23	46	44	-	5	NSW	4	bc	54	44	0.07	
Ardrossan ...	29.26	48	NSW	7	b	29.26	+06	47	46	0	SSW	7	of	5	48	43	0.05	
Mullaghmore ...	29.34	45	NSW	8	c	29.34	+03	48	46	0	SW	7	gob	7	50	43	0.22	
Donaghadee ...	29.38	45	SW	5	b	29.47	+11	44	44	0	SW	3	c	1	54	43	-	
Parsonstown ...	29.24	46	N	3	bc	29.35	+09	47	45	0	SW	3	o	5	52	45	0.13	
Barrow-in-Furness	29.43	49	SW	4	o	29.60	+16	47	45	0	S	4	c	4	49	45	0.03	
Holyhead ...	29.52	51	SW	5	c	29.65	+14	50	48	+	1	SSW	6	ogf	51	48	-	
Liverpool (Bidston)	29.50	50	NNW	4	b	29.66	+15	49	45	0	NSW	5	bc	1	55	47	0.01	
Valencia ...	29.62	50	WNW	6	o	29.58	+05	52	51	0	SSW	8	cm	7	53	47	0.06	
Roche's Point ..	29.63	47	W	5	bc	29.68	+07	51	50	+	1	NSW	5	bc	54	45	-	
Pembroke ...	29.64	51	NSW	6	b	29.77	+19	52	50	-	1	NSW	6	bcg	53	50	0.03	
Scilly ...	29.78	51	W	5	o	29.90	+14	52	51	-	1	SW	5	c	54	50	0.21	
Prawle Point ...	29.77	53	SW	7	r	29.95	+16	51	50	0	SW	5	c	5	52	48	0.40	
Hurst Castle ...	29.77	52	NSW	7	r	29.94	+18	50	49	0	NSW	6	b	4	54	47	0.49	
Dungeness ...	29.76	52	NSW	7	r	29.96	+20	50	49	-	1	W	5	c	52	43	0.15	
London ...	29.70	54	SW	5	op	29.92	+23	49	47	-	4	NSW	3	bc	55	46	0.03	
Oxford ...	29.72	50	NSW	4	c	29.87	+20	48	46	-	3	SSW	3	b	55	48	0.02	
Cambridge ...	29.61	53	SW	4	b	29.85	+23	48	46	-	4	SW	2	p	56	44	0.01	
Yarmouth ...	29.60	54	WNW	4	o	29.82	+21	45	44	-	5	NSW	4	bc	54	44	0.05	
The Helder ...	29.64	48	SSW	4	r	29.83	+21	46	45	0	SW	4	b	3	50	46	0.20	
Cape Griz Nez...	29.76	51	NNW	8	r	29.96	+20	50	48	-	2	NSW	7	c	52	48	0.08	
Jersey ...	29.91	50	NSW	7	g	30.04	+18	51	51	-	1	NSW	6	bc	53	50	0.19	
Brest ...	29.97	53	W	7	m	30.06	+06	53	51	0	SSW	5	o	5	?	50	0.12	
Lorient ...	30.05	54	SW	7	m	30.14	+06	52	?	-	1	NSW	3	r	55	48	0.08	
Rochefort ...	30.26	52	NSW	7	r	30.29	+01	52	52	+	2	NSW	7	o	55	46	0.08	
Biarritz ...	30.24	50	E	7	bc	30.38	+09	43	41	-	3	S	3	b	64	41	-	
Corunna ...	•	•	•	•	•	30.41	+29	32	48	+	4	SSE	3	bc	54	43	-	
Brussels ...	•	•	•	•	•	30.01	+19	49	48	+	2	NSW	4	bc	52	?	0.35	
Charleville ...	? 30.00	49	SSW	8	r	? 30.05	+08	49	47	?	?	SSW	4	r	51	44	0.29	
Paris ...	30.08	52	NSW	4	o	30.17	•	51	•	•	•	SSW	3	o	•	•	•	
Lyons ...	30.20	45	SSW	1	b	30.41	+07	36	36	0	W	1	b	•	51	35	-	
Toulon ...	30.23	48	WNW	5	bc	30.30	+11	48	46	+	2	Z	0	bc	52	46	-	
Belmullet ...	29.38	47	W	8	o	29.31	+02	46	46	-	1	W	6	att	49	42	0.42	

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).

Fred<sup>s</sup> Dangerfield Lith. London



# WEATHER CHARTS

for 8 a.m. on Sunday 7<sup>th</sup> Dec<sup>r</sup> 1884

## 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.

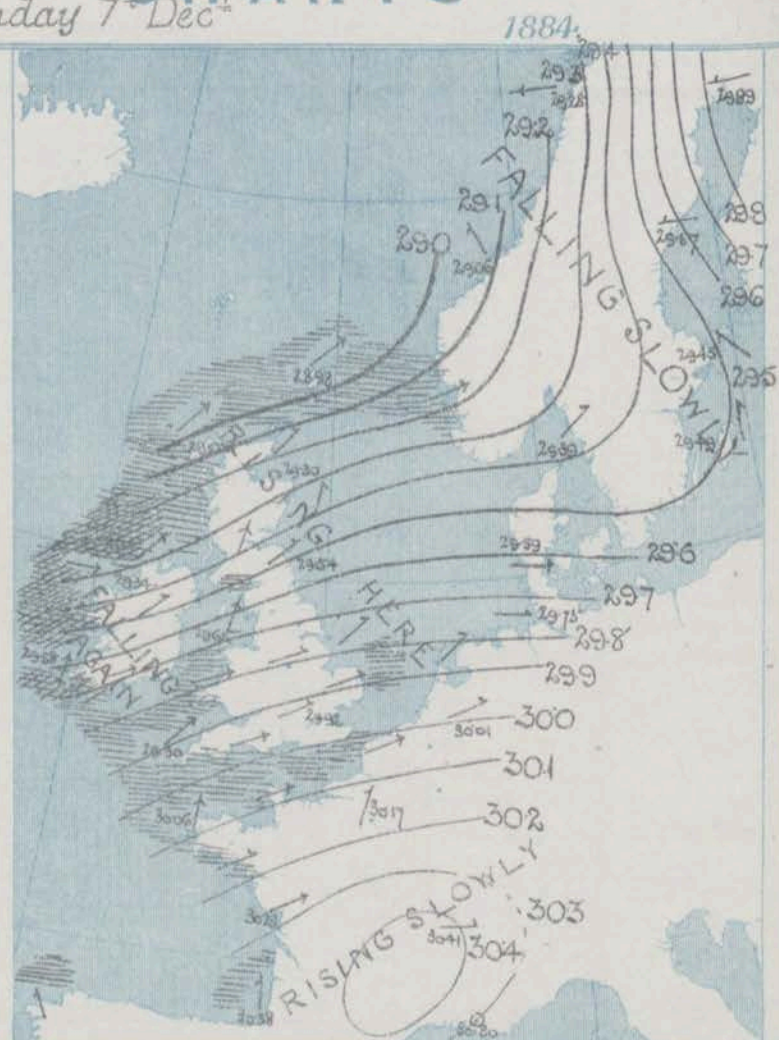
**Sea Disturbance** — where considerable is shown thus

■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.680
Stormoway.	29.701
Wick.	29.713
Nairn.	29.741
Aberdeen.	29.760
Leith.	29.800
Shields.	29.836
York.	29.877
Ardrossan.	29.810
Donaghadee.	29.832
Ballyhead.	29.859
Liverpool.	29.882
Valencia.	29.879
Roches Point.	29.880
Pembroke.	29.897
Scilly.	29.943
Hurst Castle.	29.939
Dover.	29.942
LONDON.	29.934
Oxford.	29.937
Cambridge.	29.926
Yarmouth.	29.902



## 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.

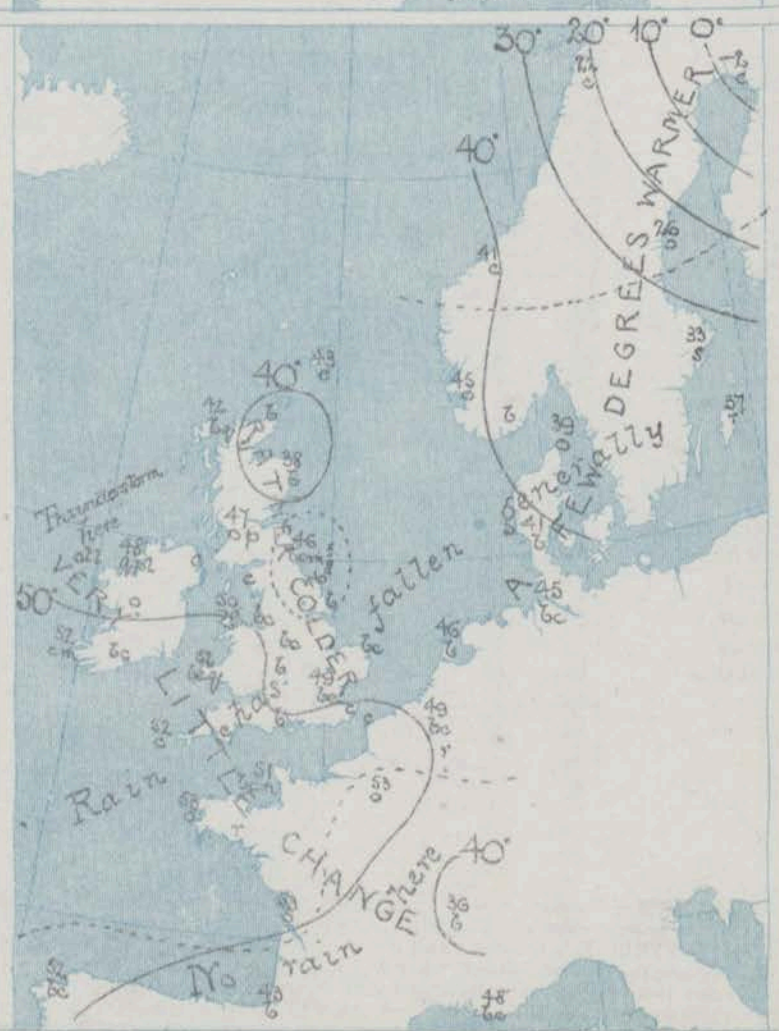
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.0	37.6	4.13
Stormoway.	38.8	37.6	6.61
Wick.	37.8	36.4	3.21
Nairn.	36.9	36.1	2.01
Aberdeen.	36.9	35.2	3.42
Leith.	38.4	37.0	1.35
Shields.	39.2	38.9	2.03
York.	36.2	35.4	2.64
Ardrossan.	40.1	38.3	1.77
Donaghadee.	40.1	39.1	2.85
Ballyhead.	42.9	41.3	9.03
Liverpool.	39.7	37.4	2.89
Valencia.	44.7	41.8	6.05
Roches Point.	42.9	41.4	4.89
Pembroke.	43.7	42.8	4.26
Scilly.	47.2	46.3	4.18
Hurst Castle.	40.6	39.9	2.86
Dover.	40.0	38.8	3.51
LONDON.	38.1	37.1	2.28
Oxford.	37.3	36.6	2.18
Cambridge.	36.3	35.6	2.02
Yarmouth.	37.9	37.2	2.99

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1865—80.





# REMARKS.

For Sunday 7<sup>th</sup> December. 1884. at 8 a.m.

Pressure is still highest (30.4 ins.) over the south of France, and lowest (29.0 ins.) off the north of Scotland, so that steep gradients for SW<sup>ly</sup> and W<sup>ly</sup> winds prevail generally. The barometer is falling in Scandinavia, and also in the W. of Ireland, but rising a little elsewhere. The wind is E<sup>ly</sup> or SE<sup>ly</sup> in Sweden, but over our Islands and France it is generally SW<sup>ly</sup>; in force it is moderate in the north and east, but strong in the west and south, with a fresh gale at Valencia. The weather is still showery on our NW. coasts, with lightning at Mullaghmore and a thunderstorm at Belmullet, but elsewhere a decided improvement has taken place. In the course of the past 24 hours rain has fallen in many parts of our Islands. Temperature has fallen slightly, and readings now range from 52° at Valencia, Pembroke and Scilly, to 38° at Melb. Main, and Aberdeen. The highest maxima registered yesterday were 56° at Cambridge, and 53° at Liverpool, London and Oxford. The sea is high at Mullaghmore, Valencia, rough in the west, south, and extreme north generally.

# FORECASTS

For the 24 hours ending at NOON on 8<sup>th</sup> December. 1884.  
(Issued at 11 a.m. on the previous day.)

## DISTRICTS.

## FORECASTS.

1 { SCOTLAND  
NORTH

2 { SCOTLAND  
EAST

3 { ENGLAND  
N.E.

4 { ENGLAND  
EAST

5 { MIDLAND  
COUNTIES

6 { ENGLAND  
SOUTH

none issued

## DISTRICTS.

## FORECASTS.

7 { SCOTLAND  
WEST

8 { ENGLAND  
N.W.

9 { ENGLAND  
S.W.

10 { IRELAND  
NORTH

11 { IRELAND  
SOUTH

none issued

## WARNINGS

The Scone was re-hoisted last evening in districts 7, 8, and 10, and the signals are now up in all districts excepting 3, and 4.



# 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	29.21	41	39	SSE	9	r	6	Valencia	29.56	51	50	WSW	6	cmg	6
Sumburgh Head	29.96	45	42	SW	5	c	5	Scilly	29.74	54	54	SW	7	r	6
Stornoway	29.91	43	42	SW	6	opa	5	Dungeness	29.76	52	51	WSW	6	o	6
Aberdeen	29.15	42	42	SW	8	c	2	London	29.69	55	53	WSW	6	od	*
Shields	29.28	50	48	SW	4	b	2	Yarmouth	29.60	58	58	WSW	4	c	3
Ardrossan	29.25	48	47	SSW	6	o	5	Jersey	29.90	53	52	SW	7	o	6
Mullaghmore	29.28	50	48	WSW	7	cpmg	8	Rochefort	30.26	54	50	WSW	4	r	2
Holyhead	29.50	57	48	SW	4	bce	4								
Barmettlet	29.27	48	46	W	7	b	4								

## REMARKS.

Very little change has occurred in pressure since the morning. Strong SW winds, and cloudy unsettled weather prevail in the west and south, but on our East coast the wind is moderate in force and the weather fair. Sea is very high at Mullaghmore, rough in the W. and S. generally, rather rough off the N. of Scotland.



# DAILY WEATHER REPORT

for *Monday* 8<sup>th</sup> Dec<sup>r</sup> 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, 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.		Sea. (0 to 9).	SHADE TEMP.					
			Dirac.	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.	Dirac.	Force. (0 to 12)		Max.	Min.	Amount of Rainfall.			
Haparanda .....	29.73	6	S	4	0	29.59	-.30	9	9	+ 11	E	2	0	?	-11	0.04			
Hernösand ...	29.45	29	NE	2	S	29.26	-.31	30	30	+ 4	E	2	S	30	16	0.28			
Stockholm ...	29.53	34	W	2	0	29.30	-.15	38	38	+ 5	SSW	2	A	?	25	0.12			
Wisby ...	29.60	40	SW	6	B	29.49	.00	41	41	+ 4	SW	6	0	41	28	0.12			
Bodö ...	29.23	26	E	6	0	29.11	-.17	30	26	+ 8	E	6	C	?	23	-			
Christiansund ...	29.13	40	SE	1	C	28.92	-.14	37	35	- 4	ESE	3	B	41	34	-			
† Skudeanaes ...	29.21	47	WSW	8	A	29.07	-.18	44	40	- 1	WSW	6	A	?	?	0.28			
Oxö (Xilansund) ...	29.40	44	SSW	4	A	29.07	-.29	44	41	+ 11	SW	9	0	?	?	0.71			
Skagen (The Skaw)	29.52	43	WSW	5	0	29.19	-.20	46	44	+ 7	WSW	6	0	46	37	0.04			
Fanö ...	29.65	43	SW	6	0	29.46	-.13	44	43	+ 3	WSW	5	A	46	?	0.04			
Cuxhaven ...	29.90	42	SW	5	A	29.67	-.08	52	52	+ 7	SW	6	A	?	43	0.16			
† Sumburgh Head	29.00	43	SW	5	0	28.87	-.11	40	38	- 3	SW	7	0	45	35	0.50			
† Stornoway ...	29.05	37	SW	4	Ec	29.00	-.05	42	40	0	SW	5	Cy	44	34	0.12			
Wick ...	29.07	37	SW	3	B	29.03	-.10	37	35	- 1	SW	4	Bc	42	34	0.02			
Nairn ...	29.13	38	SW	1	B	29.10	-.10	36	35	- 2	SSW	4	Cp	41	34	0.30			
† Aberdeen ...	29.20	42	WSW	3	B	29.18	-.12	36	34	- 2	WSW	3	B	47	35	0.02			
Leith ...	29.27	47	SW	5	0	29.33	-.07	40	37	- 4	WSW	5	ap	50	37	0.46			
† Shields ...	29.40	50	SW	2	A	29.45	-.09	43	41	- 3	SW	5	B	53	40	0.25			
Spurn Head ...	29.57	49	SSW	5	C	29.59	-.11	45	43	0	WSW	5	og	51	38	0.04			
York ...	29.54	52	WSW	4	0	29.60	-.09	44	40	- 3	W	3	Bc	53	43	0.15			
Loughborough...	29.66	51	SW	6	0	29.68	-.10	45	42	- 1	SW	4	og	52	45	0.03			
† Ardrossan ...	29.27	48	SSW	6	0	29.42	+ .06	43	43	- 4	SW	6	Bap	48	39	1.26			
† Mullaghmore ...	29.29	44	WSW	5	Am	29.47	+ .13	41	39	- 7	SW	6	ag	48	40	0.48			
Donaghadee ...	29.33	47	SSW	5	A	29.48	+ .01	39	38	- 5	SW	5	B	49	38	0.14			
Parsonstown ...	29.44	45	SW	3	A	29.61	+ .05	39	37	- 8	W	2	Bc	52	36	0.38			
Barrow-in-Furness	29.46	47	S	5	A	29.55	-.05	45	41	- 2	SW	5	0	50	40	0.34			
Holyhead ...	29.52	48	SSW	4	A	29.63	-.02	46	42	- 4	WSW	5	Bc	53	44	0.54			
Liverpool (Bidston)	29.50	52	SW	6	0	29.61	-.05	43	39	- 6	WSW	5	Bc	53	39	0.28			
† Valencia ...	29.49	50	SW	7	ag	29.71	+ .13	45	43	- 7	W	7	Cy	54	42	0.40			
Roche's Point ..	29.55	47	W	6	A	29.70	+ .02	44	42	- 7	WSW	3	Bc	55	41	0.60			
Pembroke ...	29.61	53	SW	7	0	29.71	-.06	50	48	- 2	WSW	6	og	53	48	0.04			
† Scilly ...	29.79	54	SW	6	Op	29.81	-.09	51	48	- 1	WSW	5	Op	55	50	0.13			
Prawle Point ...	29.86	51	SW	6	0	29.83	-.12	49	49	- 2	SW	1	A	53	46	0.34			
Hurst Castle ...	29.87	52	SW	7	A	29.81	-.13	50	50	0	WSW	4	A	54	48	0.28			
† Dungeness ...	29.93	52	WSW	5	A	29.80	-.16	52	51	+ 2	WSW	7	q/p	54	43	0.07			
London...	29.84	53	SW	5	A	29.78	-.14	49	47	0	SW	3	Od	55	49	0.30			
Oxford ...	29.73	53	SW	6	A	29.77	-.10	48	46	0	SW	6	og	55	47	0.31			
Cambridge ...	29.73	54	SW	2	0	29.73	-.12	49	46	+ 1	SW	1	0	55	45	0.38			
† Yarmouth ...	29.77	49	SW	5	C	29.71	-.11	49	46	+ 4	W	4	C	54	44	0.30			
The Helder ...	29.82	47	SSW	5	0	29.67	-.16	49	48	+ 3	SW	5	A	50	46	0.12			
Cape Griz Nez...	29.92	51	WSW	7	0	29.82	-.14	52	51	+ 2	WSW	9	A	54	48	0.04			
† Jersey ...	30.01	54	SW	6	0	29.90	-.14	51	51	0	W	4	Am	54	50	0.36			
Brest ...	30.02	53	SW	7	A	29.91	-.15	53	53	0	SW	5	A	54	50	0.24			
Lorient ...	30.33	52	SSW	5	0	30.24	-.05	45	45	- 8	S	7	0	57	39	-			
† Rochefort ...	30.32	50	E	3	B	30.25	-.13	50	45	+ 7	E	1	Bc	64	41	-			
Biarritz ...	30.32	50	E	3	B	30.25	-.13	50	45	+ 7	E	1	Bc	64	41	-			
Corunna ...	30.13	53	SSW	5	0	29.91	-.10	52	50	+ 3	SW	5	0	56	?	-			
Brussels ...	30.13	53	SSW	5	0	29.96	+ .01	48	45	- 1	SSW	5	4	54	47	0.08			
Charleville ...	30.16	51	SW	5	A	30.10	-.07	50	47	- 3	SW	4	Bc	?	?	0.08			
Paris ...	30.40	42	W	1	B	30.33	-.08	35	34	- 1	NE	1	B	49	32	-			
Lyons ...	30.38	48	W	0	m	30.41	+ .11	45	44	- 3	NE	3	0	48	45	-			
Bermettet...	29.38	45	W	5	C	29.45	+ .14	44	42	- 2	W	6	B	48	41	0.25			

## 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).

Printed by Dungefield Lith. London.



# WEATHER CHARTS

for 8 a.m. on Monday 8<sup>th</sup> DECEMBER 1884.

## 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.

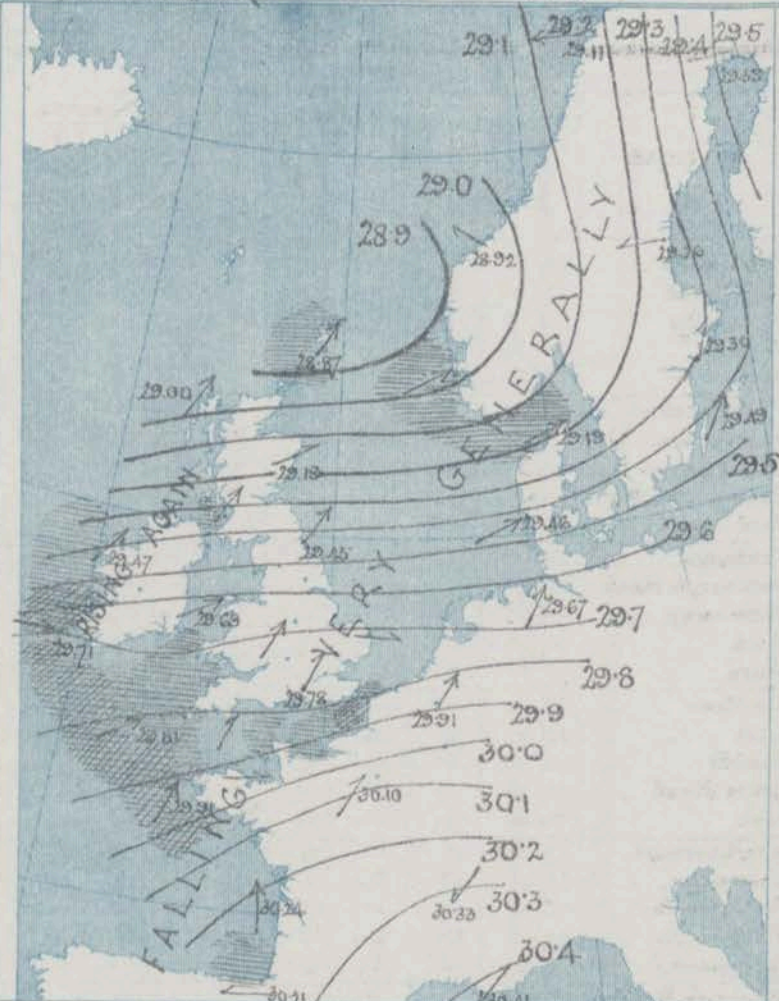
**Sea Disturbance** — where considerable is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.680
Stormoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.780
Leith	29.800
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Liverpool	29.882
Valencia	29.879
Roches Point	29.889
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.938
Dover	29.942
LONDON	29.939
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902



## 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.

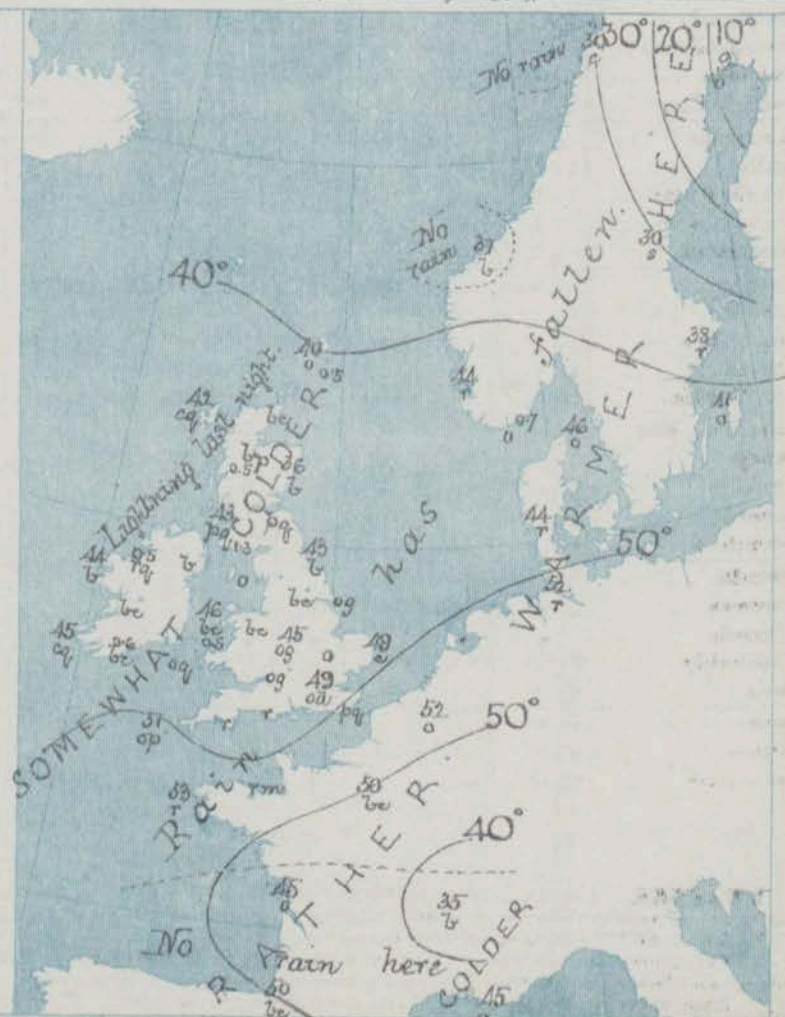
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	35.0	37.6	4.13
Stormoway	36.9	37.8	6.61
Wick	37.4	38.4	3.21
Nairn	36.8	36.4	2.01
Aberdeen	36.3	35.3	3.92
Leith	39.4	37.0	1.05
Shields	36.2	36.9	3.03
York	36.2	35.4	2.64
Ardrossan	40.1	36.3	4.17
Donaghadee	40.1	39.7	2.85
Holyhead	42.9	41.3	4.03
Liverpool	39.1	37.4	2.89
Valencia	44.7	41.8	6.05
Roches Point	42.9	41.4	4.89
Pembroke	43.7	42.6	4.26
Scilly	47.2	45.3	4.18
Hurst Castle	40.6	38.9	2.98
Dover	40.0	38.8	3.51
LONDON	38.1	37.1	2.28
Oxford	37.3	36.6	2.19
Cambridge	36.3	35.6	2.02
Yarmouth	37.9	37.2	2.99

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for Monday 8<sup>th</sup> December.

1884, at 8 a.m.

Since yesterday morning, very little change has taken place in the general distribution of pressure. Readings are highest (about 30.4 ins.) in the south of France, while a large area of low pressure, in which the barometer is below 29.5 ins. lies off the north of Scotland. The mercury is now rising somewhat decidedly in Ireland, but elsewhere it continues to fall. The wind is E<sup>z</sup> in the north of Scandinavia, but SW<sup>z</sup> or W<sup>z</sup> elsewhere, on our western coasts and also on the eastern shores of the North Sea it still blows strongly, but elsewhere it is moderate or fresh. Fresh SW<sup>z</sup> gales blew on some parts of our western coasts yesterday, and in the Channel last night. The weather has improved somewhat in the west and north, but showers are still falling locally. In the south of England rain is again reported. Since yesterday rain has fallen generally the largest amounts being 1.3 ins. at Ardrossan, 0.6 in. at Rocks Point, and 0.5 in. at Sumburgh Head, Leith and Holyhead. Lightning was seen last night in the northern part of Scotland and Ireland. Temperature has fallen a few degrees in the west and north, and readings now range from 52° at Dungannon to 36° at Kilm and Aberdeen. The sea is high at Valencia, and rough on our west and south coasts generally.

Although the barometer is rising in the NW. the wind remains SW<sup>z</sup>, and with the present distribution of pressure other depressions are likely to advance over our Islands shortly.

# FORECASTS

for the 24 hours ending at NOON on 9<sup>th</sup> December, 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW <sup>z</sup> and W <sup>z</sup> winds, strong; changeable, showery.	6 { SCOTLAND WEST	SW <sup>z</sup> winds, strong to a gale; squally, showery.
1 { SCOTLAND EAST	SW <sup>z</sup> winds, fresh or strong; changeable, some showers.	7 { ENGLAND N.W.	-----D°-----D°-----D°-----
2 { ENGLAND N.E.	-----D°-----D°-----D°-----	8 { ENGLAND S.W.	SW <sup>z</sup> to W <sup>z</sup> strong winds or gales; squally, showery.
3 { ENGLAND EAST	-----D°-----D°-----D°-----	9 { IRELAND NORTH	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as N° 5	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	SW <sup>z</sup> and W <sup>z</sup> winds, fresh; unsettled, some rain. Rather cooler.	<p>WARNINGS</p> <p>The S cone has been re-hoisted this morn<sup>g</sup> in districts 6 and 9, but lowered in district 5. The signals are now flying in districts 6 to 10.</p>	



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.86	46	41	1731r	7	0 5	Valencia						
Sumburgh Head							Scilly						
Stornoway							Dungeness						
Aberdeen							London						*
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rocheport	28.0-32.	34	52	Sw	7	0 2
Holyhead													

## REMARKS.

### Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 30<sup>th</sup> Nov. to the 6<sup>th</sup> Dec. 1884.

The weather during this week differed in all respects from that of last. The prevalent conditions have been cyclonic instead of anticyclonic, and the type Southwesterly to westerly instead of northerly. Temperature has risen greatly, the air has been soft and damp, rain has fallen daily in almost all parts of the Kingdom, and lightning and thunder have occurred at times.

The change commenced on the 30<sup>th</sup> with the advance from north-north-west of a well marked, but not deep, depression over the western parts of our islands, causing Southerly and Southeasterly winds and sleet over Great Britain, while Northwesterly winds, cold rain & heavy snow were felt in Ireland. This system soon broke up, and was followed by several other deeper depressions which travelled from west-south-west to east-north-east over the northern parts of our area, while the high-pressure recently reported were transformed from our western coasts to Spain and the southwest of France, and a second high-pressure area appeared over Northern Europe. Thus while Southerly to Westerly gales and strong winds were felt over our islands, accompanied by mild weather, rain, lightning and some thunder, Easterly and Southeasterly winds were experienced over Scandinavia, with cold weather and snow.

At the close of the week these conditions were maintained, with modified intensity, but the general appearance of the weather was still unsettled and squally, and there was no indication of the approach of any important change.



# DAILY WEATHER REPORT

for *Tuesday* 9<sup>th</sup> Dec<sup>r</sup> 1884.

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 3 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Direc.	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.	Direc.	Force. (0 to 12)		Weather.	Max.	Min.	Amount of Rainfall.		
Haparanda .....	29.18	12	E	6	b	29.09	- .50	17	17	+ 8	NE	4	0	*	?	7	0.16		
Hernösand ...	28.81	29	NNE	6	0	29.09	- .17	19	19	- 11	N	4	0	*	36	7	0.35		
Stockholm ...	29.08	39	W	8	b	29.15	- .15	41	37	+ 3	W	8	0	*	43	34	0.04		
Wisby ...	29.28	41	W	8	b	29.35	- .14	39	39	- 2	W	6	0	*	46	31	-		
Bodö ...	29.01	25	E	6	b	29.06	- .05	27	24	- 3	E	4	0	2	30	25	-		
Christiansund ...	28.91	35	Z	0	0	29.04	+ .12	37	33	0	SSE	2	2	4	37	32	0.08		
†Skudesnaes ...	29.23	46	W	8	0	29.41	+ .34	45	41	+ 1	W	8	0	6	46	43	-		
Oxö (Xiansund) ...	29.29	43	W	6	b	29.42	+ .35	44	40	0	W	8	6	5	?	37	0.04		
Skagen (The Skaw)	29.39	41	W	7	b	29.45	+ .26	42	42	- 4	W	6	6	5	46	39	-		
Fanö ...	29.63	41	W	4	0	29.70	+ .24	40	38	- 4	W	4	0	*	46	39	0.04		
Cuxhaven ...	29.70	43	W	3	0	29.87	+ .20	42	42	- 10	W	3	0	*	7	41	0.20		
†Sumburgh Head	29.01	43	W	5	0	29.23	+ .36	40	39	0	W	6	2	6	45	37	0.43		
†Stornoway ...	29.23	41	W	6	cq	29.43	+ .43	38	36	- 4	SW	5	6	4	44	35	0.28		
Wick ...	29.21	40	SW	5	0	29.45	+ .42	37	35	0	SW	5	6	3	42	36	-		
Nairn ...	29.32	39	SSW	3	b	29.49	+ .39	35	33	- 1	SW	2	6	2	40	35	0.13		
†Aberdeen ...	29.36	38	W	4	b	29.55	+ .37	34	32	- 2	W	1	6	1	41	34	-		
Leith ...	29.50	39	W	5	0	29.64	+ .31	38	34	- 2	W	2	6	*	44	35	0.14		
†Shields ...	29.57	42	W	5	b	29.71	+ .26	38	37	- 5	SW	4	6	2	46	37	-		
Spurn Head ...	29.70	42	SW	4	b	29.82	+ .23	40	39	- 5	W	3	0	2	46	38	-		
York ...	29.69	42	W	3	b	29.82	+ .22	37	36	- 7	SSE	1	0	*	47	36	-		
Loughborough...	29.78	42	W	3	b	29.88	+ .20	40	39	- 5	SSW	3	0	*	48	38	0.03		
†Ardrossan ...	29.54	44	W	5	0	29.67	+ .25	41	40	- 2	W	4	6	3	48	38	-		
†Mullaghmore ...	29.63	38	W	5	0	29.75	+ .28	39	38	- 2	SW	6	6	5	45	36	0.21		
Donaghadee ...	29.63	39	W	5	b	29.74	+ .26	34	33	- 5	W	4	6	2	42	33	-		
Parsonstown ...	29.80	38	W	1	0	29.88	+ .27	35	34	- 4	W	1	6	*	40	33	0.21		
Barrow-in-Furness	29.66	44	W	5	0	29.78	+ .23	42	39	- 3	W	3	0	4	46	44	0.03		
†Holyhead ...	29.75	44	W	5	b	29.84	+ .21	42	39	- 4	W	2	6	2	46	40	-		
Liverpool (Bidston)	29.72	42	W	5	b	29.83	+ .22	39	37	- 4	SW	2	0	3	46	39	-		
†Valencia ...	29.84	44	W	6	0	29.94	+ .23	41	40	- 4	W	4	6	5	47	38	0.19		
Roche's Point ..	29.86	44	W	4	b	29.91	+ .21	40	38	- 4	W	3	6	3	47	36	0.02		
Pembroke ...	29.84	48	W	4	b	29.87	+ .16	45	42	- 5	W	3	0	4	50	44	0.18		
†Scilly ...	29.96	51	W	5	0	29.93	+ .12	45	43	- 6	W	4	0	5	52	42	0.02		
Prawle Point ...	29.97	46	W	3	b	29.95	+ .12	40	40	- 9	Z	0	0	3	50	38	0.20		
Hurst Castle ...	29.93	49	W	5	b	29.95	+ .14	40	40	0	E	1	0	4	52	49	0.26		
†Dungeness ...	29.90	49	W	3	0	29.97	+ .17	42	41	- 10	W	3	0	2	54	42	0.25		
†London ...	29.89	47	W	5	0	29.95	+ .17	40	39	- 9	W	1	0	*	50	40	0.04		
Oxford ...	29.91	43	SW	2	b	29.94	+ .17	40	40	- 8	SW	2	0	*	49	40	0.07		
Cambridge ...	29.81	42	W	1	b	29.91	+ .18	41	40	- 8	SW	1	0	*	49	37	0.05		
†Yarmouth ...	29.79	46	W	3	b	29.90	+ .19	42	41	- 7	W	2	0	3	49	38	-		
The Helder ...	29.81	46	SW	3	b	29.91	+ .24	44	41	- 5	W	3	0	2	50	43	-		
Cape Griz Nez...	29.89	49	SW	4	0	29.94	+ .12	43	43	- 9	S	1	0	1	54	43	0.24		
†Jersey ...	30.00	50	W	3	0	29.86	- .04	40	40	- 11	NE	5	0	4	52	39	0.79		
Brest ...	30.03	50	W	3	0	29.86	- .05	39	39	- 14	W	8	0	5	?	39	0.91		
Lorient ...	30.05	49	NE	4	0	29.84	- .14	54	53	-	SW	8	0	7	55	45	0.43		
†Rochefort ...	30.21	50	S	4	0	30.07	- .14	47	45	+ 2	S	9	0	2	52	41	-		
Biarritz ...	30.22	52	E	1	0	30.06	- .19	56	54	+ 6	SW	5	6	2	61	45	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.00	+ .09	45	40	- 7	W	1	0	*	52	43	0.28		
Charleville ...	*	*	SSW	5	?	30.02	- .04	43	41	- 5	SSW	4	0	*	51	41	0.35		
Paris ...	30.08	51	SSE	5	0	29.94	- .16	49	48	- 1	SW	1	0	*	*	*	0.63		
Lyons ...	30.29	49	S	4	b	30.19	- .14	48	44	+ 13	SSW	7	6	*	53	?	-		
Toulon ...	30.41	49	E	3	0	30.38	- .03	50	46	+ 5	E	3	0	2	50	45	-		
Belmullet ...	29.64	43	W	6	b	29.74	+ .29	42	40	- 2	W	6	6	*	45	37	0.11		

## 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 9<sup>th</sup> DECEMBER 1884.

## 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.

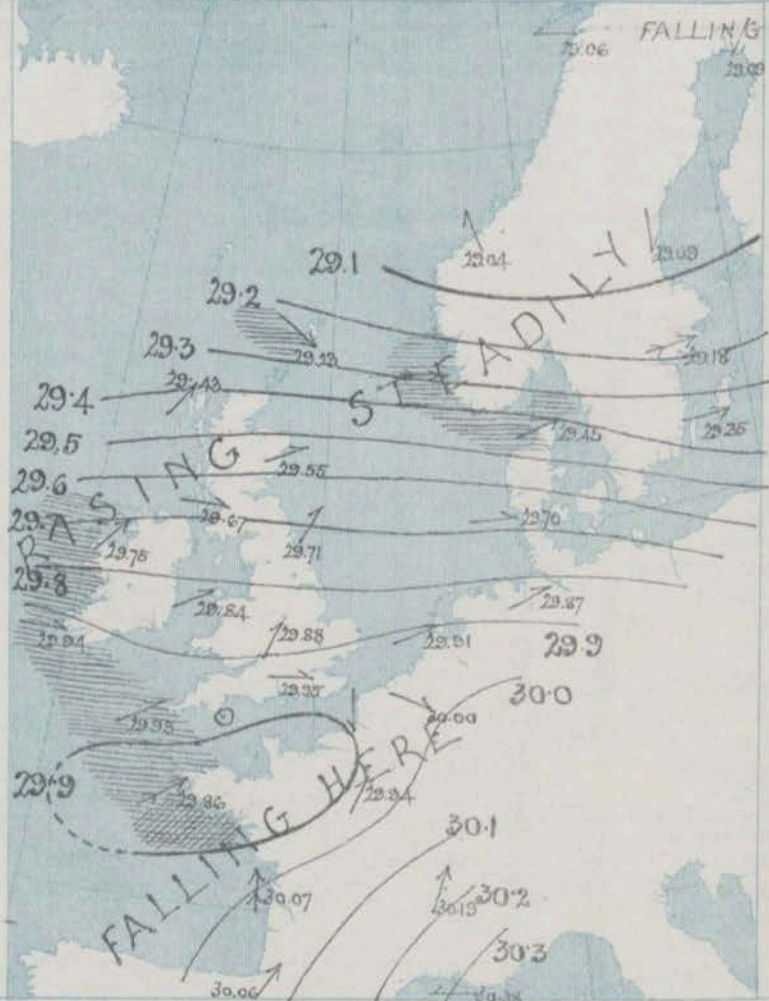
**Sea Disturbance** — where considerable is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sunbury Head.	29.640
Stornoway.	29.707
Wick.	29.718
Nairn.	29.743
Aberdeen.	29.760
Leith.	29.800
Shields.	29.836
York.	29.877
Ardrossan.	29.910
Donaghadee.	29.932
Holyhead.	29.956
Liverpool.	29.972
Valencia.	29.979
Roches Point.	29.989
Pembroke.	29.997
Sally.	29.942
Hurst Castle.	29.930
Dover.	29.942
LONDON.	29.934
Oxford.	29.937
Cambridge.	29.926
Yarmouth.	29.902



## 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.

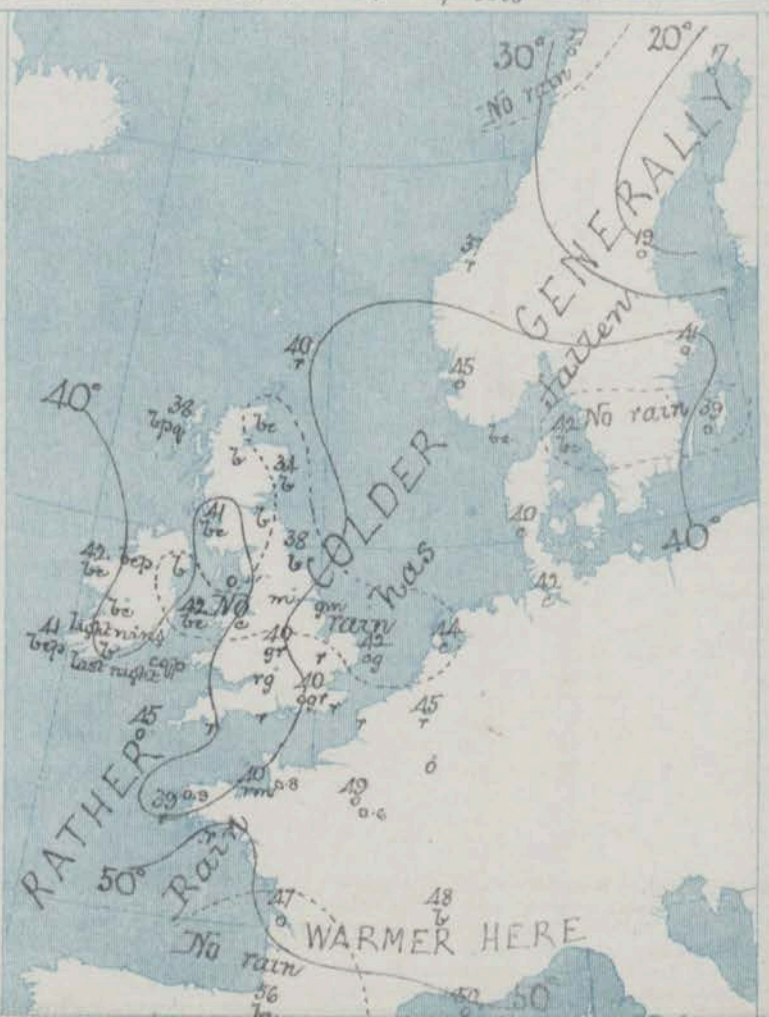
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunbury Head.	39.0	37.6	4.13
Stornoway.	35.9	37.8	5.61
Wick.	37.4	36.4	3.21
Nairn.	36.9	36.4	2.01
Aberdeen.	36.9	36.3	3.42
Leith.	38.4	37.0	1.06
Shields.	39.2	36.9	2.03
York.	36.2	36.4	2.59
Ardrossan.	40.1	38.3	4.17
Donaghadee.	40.1	38.1	2.86
Holyhead.	42.9	41.3	3.03
Liverpool.	39.7	37.4	2.80
Valencia.	44.7	41.8	6.06
Roches Point.	43.9	41.4	4.88
Pembroke.	43.7	42.6	4.26
Sally.	41.2	45.3	4.18
Hurst Castle.	40.6	38.9	2.88
Dover.	40.0	38.8	3.51
LONDON.	38.1	37.1	2.28
Oxford.	37.3	36.6	2.18
Cambridge.	36.3	36.6	2.02
Yarmouth.	37.8	37.2	2.19

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.





# REMARKS.

for Tuesday 9<sup>th</sup> December.

1884, at 8 a.m.

Barometrical pressure is still highest in the south of France, and lowest to the northward of our Islands, but in the course of the night a large shallow depression has appeared over the Channel and north of France. The barometer is consequently falling at the French and one or two of our southern stations, but elsewhere it is rising slowly. Moderate or fresh SW<sup>ly</sup> or W<sup>ly</sup> winds prevail over the greater part of our Islands and fresh W<sup>ly</sup> gales in the south of Scandinavia. At Jersey and Hurst Castle, however, the wind is NE<sup>ly</sup>, while in the Bay of Biscay there is a gale from the SW<sup>ly</sup>. The weather is dull and rainy in the south of England and north of France, but fair at our northern stations, with, however, showers locally. Rain fell yesterday in many parts of our Islands, and lightning was seen at Rockpoint at night. Temperature has fallen a few degrees generally, and readings now range from 45° at Pembroke and Kelly to 34° at Aberdeen and Donaghadee. The sea is rough on several parts of our west and south-west coasts, moderate to smooth elsewhere.

The depression over the Channel will probably move very slowly in an easterly direction. At present there is no indication of the approach of any fresh disturbances towards our western coasts.

# FORECASTS

for the 24 hours ending at NOON on 10<sup>th</sup> December, 1884.  
(Issued at 11 a.m. on the previous day.)

## DISTRICTS.

## FORECASTS.

## DISTRICTS.

## FORECASTS.

0 { SCOTLAND  
NORTH

SW<sup>ly</sup> and W<sup>ly</sup> winds, fresh or strong,  
changeable, some showers.

1 { SCOTLAND  
EAST

SW<sup>ly</sup> winds, light or moderate,  
fair on the whole, but probably  
some showers.

2 { ENGLAND  
N.E.

-----D-----D-----D-----

3 { ENGLAND  
EAST

Same as No 5

4 { MIDLAND  
COUNTIES

Same as No 5.

5 { ENGLAND  
SOUTH

Light and somewhat variable  
breezes; dull, rainy.

6 { SCOTLAND  
WEST

SW<sup>ly</sup> winds, strong; fair to  
unsettled and rainy.

7 { ENGLAND  
N.W.

Same as Nos 1 and 2.

8 { ENGLAND  
S.W.

W<sup>ly</sup> and SW<sup>ly</sup> winds, moderate,  
some showers.

9 { IRELAND  
NORTH

Same as No 0

10 { IRELAND  
SOUTH

Same as No 0.

## WARNINGS

The S. cone is still flying in  
districts 9 and part of 6.



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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.														
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes	29.16	45	41	Wen	6	0	6	Valencia	29.79	44	43	Wen	6	6
Sumburgh Head	28.92	42	41	Sw	7	n	6	Scilly	29.90	50	46	W	6	6
Stornoway	29.14	43	41	Wen	7	cghp	6	Dungeness	29.84	50	49	W	3	3
Aberdeen	29.28	41	38	Sw	4	6	1	London	29.82	50	47	Sw	4	3
Shields	29.52	45	42	Sw	6	6	2	Yarmouth	29.76	49	47	Wen	3	3
Ardrossan	29.47	44	43	Sw	4	6	3	Jersey	29.93	49	49	Wen	3	3
Mullaghmore	29.55	44	41	Wen	7	cghp	6	Rocheport	30.21	51	50	S	7	2
Holyhead	29.68	45	42	Wen	5	6c	5							
Belmullet	29.56	43	42	W	7	c	2							

## REMARKS.

The barometer is now rising in all parts of our Islands, but the wind has undergone little change. The weather is showery on our extreme W. coasts and steady rain is falling at Sumburgh Hd. and Dungeness. The sea is rough in the S.W., W., and extreme N.



# DAILY WEATHER REPORT

for *Wednesday 10<sup>th</sup> December 1884.*

*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. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12)			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)			Max.	Min.				
Haparanda .....	29.30	16	NE	4	o	29.39	+ 30	16	10	—	7	NE	2	o	18	?	—		
Hernösand ...	29.36	10	Z	0	b	29.45	+ 36	9	9	—	10	Z	0	o	20	7	—		
Stockholm ...	29.33	28	WSW	14	o	29.42	+ 28	24	23	—	7	Z	0	o	41	7	—		
Wisby ...	29.42	39	NW	6	o	29.52	+ 17	35	37	—	1	W	6	c	45	37	—		
Bodö ...	29.21	30	E	2	o	29.22	+ 26	30	28	+	3	E	2	r	30	?	—		
Christiansund ...	29.14	37	Z	0	r	29.36	+ 32	37	36	—	0	WSW	2	c	37	32	0.16		
Skudesnaes ...	29.46	41	W	6	r	29.60	+ 19	42	40	—	2	W	6	a	45	41	—		
Oxö (Xidansund) ...	29.47	41	W	4	bc	29.60	+ 18	42	40	—	2	WSW	4	b	3	41	—		
Skagen (The Skaw)	29.52	29	W	5	b	29.59	+ 14	42	40	—	0	W	5	b	43	37	0.04		
Fanö ...																			
Cuxhaven ...	29.82	40	WSW	2	c	29.91	+ 09	41	41	—	1	W	2	bc	?	40	0.06		
† Sumburgh Head	29.39	43	WNW	5	bc	29.46	+ 23	42	39	+	2	SSE	3	o	44	37	0.32		
† Stornoway ...	29.58	38	W	4	b	29.74	+ 19	48	47	+	10	SSW	7	org	48	35	0.48		
Wick ...	29.53	40	SW	2	bc	29.37	+ 08	43	42	+	6	S	4	ou	44	36	0.05		
Nairn ...	29.61	36	SW	3	c	29.43	+ 06	38	37	+	3	SW	2	o	44	35	—		
† Aberdeen ...	29.62	34	WSW	1	b	29.57	+ 02	41	39	+	7	SSW	5	o	41	33	—		
Leith ...	29.70	38	W	3	bc	29.62	+ 02	45	40	+	7	WSW	5	o	45	38	0.02		
† Shields ...	29.74	38	SW	4	b	29.78	+ 07	44	42	+	6	SSW	4	b	45	37	—		
Spurn Head ...	29.84	39	WSW	3	b	29.95	+ 13	40	39	—	0	SW	4	c	41	37	—		
York ...	29.84	38	W	1	b	29.92	+ 10	43	41	+	6	WSW	4	o	44	35	—		
Loughborough ...	29.91	38	WSW	3	b	30.01	+ 13	42	40	+	2	SW	5	org	43	36	0.02		
Ardrossan ...	29.76	42	WNW	4	c/b	29.60	+ 07	46	45	+	6	SSW	7	r	46	38	0.28		
Mullaghmore ...	29.85	41	WSW	5	r	29.48	+ 27	48	47	+	9	SW	7	org	48	38	0.10		
Donaghadee ...	29.86	36	W	4	b	29.66	+ 08	45	45	+	11	SW	6	o	45	32	0.02		
Parsonstown ...	29.99	39	W	1	c	29.71	+ 17	48	45	+	13	S	4	o	48	33	0.03		
Barrow-in-Furness	29.86	42	SW	3	b	29.82	+ 04	45	44	+	3	SSE	5	r	44	41	0.11		
Holyhead ...	29.95	43	WNW	5	bc	29.84	+ 00	48	47	+	6	SW	5	org	49	41	0.08		
Liverpool (Bidston)	29.91	41	W	5	bc	29.92	+ 02	44	42	+	5	SW	3	r	45	39	0.03		
Valencia ...	30.03	44	W	4	bc	29.46	+ 28	48	50	+	9	SSW	9	org	51	39	0.18		
Roche's Point ...	30.05	42	W	3	b	29.82	+ 09	50	50	+	10	SW	7	p	50	38	0.08		
Pembroke ...	30.02	46	W	5	bc	29.96	+ 09	49	47	+	4	SW	6	org	50	44	—		
† Scilly ...	30.13	48	WNW	5	bc	30.09	+ 16	51	48	+	6	SW	7	o	51	44	0.03		
Prawle Point ...	30.11	41	WNW	3	b	30.15	+ 20	45	45	+	8	SW	6	c	48	38	0.10		
Hurst Castle ...	30.03	42	NW	4	b	30.15	+ 20	48	46	—	2	WSW	5	c	50	39	0.12		
† Dungeness ...	29.93	39	WNW	2	o	30.18	+ 21	47	44	+	5	WSW	3	bc	47	36	0.16		
London ...	29.96	38	NW	2	bm	30.11	+ 17	40	39	—	0	S	2	bc	41	34	0.14		
Oxford ...	30.04	46	W	3	b	30.10	+ 16	40	38	—	0	SW	4	c	41	35	0.09		
Cambridge ...	29.94	27	WSW	1	b	30.08	+ 17	38	37	—	3	S	1	o	41	32	0.03		
† Yarmouth ...	29.88	38	WNW	3	c/m	30.07	+ 17	38	37	—	11	SW	3	c	42	33	0.07		
The Helder ...	29.80	44	WNW	3	b	30.07	+ 16	42	41	—	2	W	3	b	46	41	0.20		
Cape Griz Nez ...	29.89	41	WNW	5	r	30.15	+ 24	47	43	+	4	W	7	b	45	39	0.51		
† Jersey ...	30.10	45	NW	4	b	30.25	+ 39	46	45	+	6	SW	5	bc/m	47	38	0.16		
Brest ...	30.24	47	NW	4	bc	30.26	+ 40	50	44	+	11	WSW	7	o	52	39	0.24		
Lorient ...	30.24	47	NW	7	c	30.33	+ 49	49	46	—	5	W	5	o	55	39	0.04		
† Rochefort ...	30.32	46	WNW	3	b	30.47	+ 40	43	42	—	11	S	5	c	54	39	0.32		
Biarritz ...	30.33	52	N	7	c	30.41	+ 35	40	39	—	16	E	4	b	64	37	—		
Corunna ...	•	•	•	•	•	30.25	+ 25	36	35	—	9	SW	1	c	47	33	0.98		
Brussels ...	•	•	•	•	•	30.11	+ 09	37	34	—	6	S	4	o	49	36	0.47		
Charleville ...	29.73	46	S	4	r	30.39	+ 45	38	37	—	11	W	1	m	•	•	0.71		
Paris ...	29.98	41	S	4	r	30.39	+ 45	38	37	—	11	W	1	m	•	•	0.71		
Lyon ...	30.10	52	S	8	o	30.47	+ 28	39	36	—	9	WNW	1	bc	54	37	—		
Toulon ...	30.27	52	W	4	o	30.18	+ 20	41	39	—	9	WNW	5	bc	?	41	—		
Bermat ...	29.84	43	W	4	c	29.35	+ 39	49	49	+	7	W	8	r	49	39	0.32		

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. thick, 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 WEDNESDAY

10<sup>TH</sup> DECEMBER

1884.

## 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

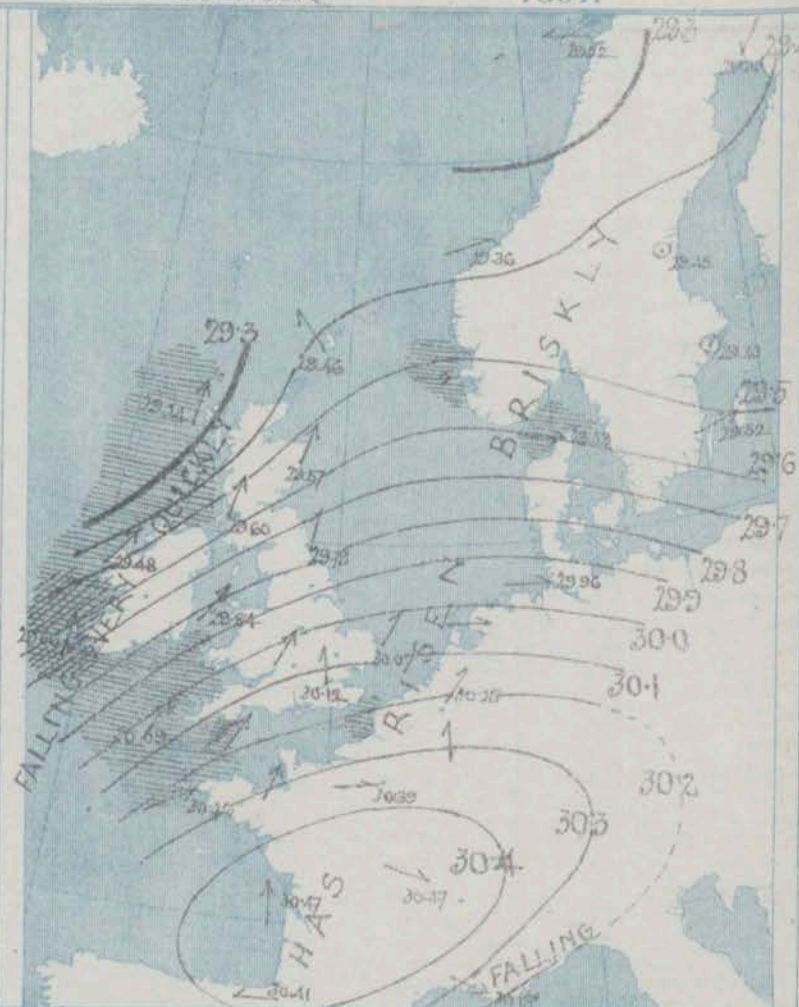
■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of December

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.640
Stornoway.	29.701
Wick.	29.713
Nairn.	29.741
Aberdeen.	29.750
Leith.	29.800
Shields.	29.836
York.	29.877
Ardrossan.	29.870
Donaghadee.	29.832
Ballyhead.	29.856
Liverpool.	29.882
Valencia.	29.879
Roche's Point.	29.889
Pembroke.	29.897
Scilly.	29.943
Hurst Castle.	29.938
Dover.	29.942
LONDON.	29.939
Oxford.	29.937
Cambridge.	29.926
Yarmouth.	29.902



## 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.

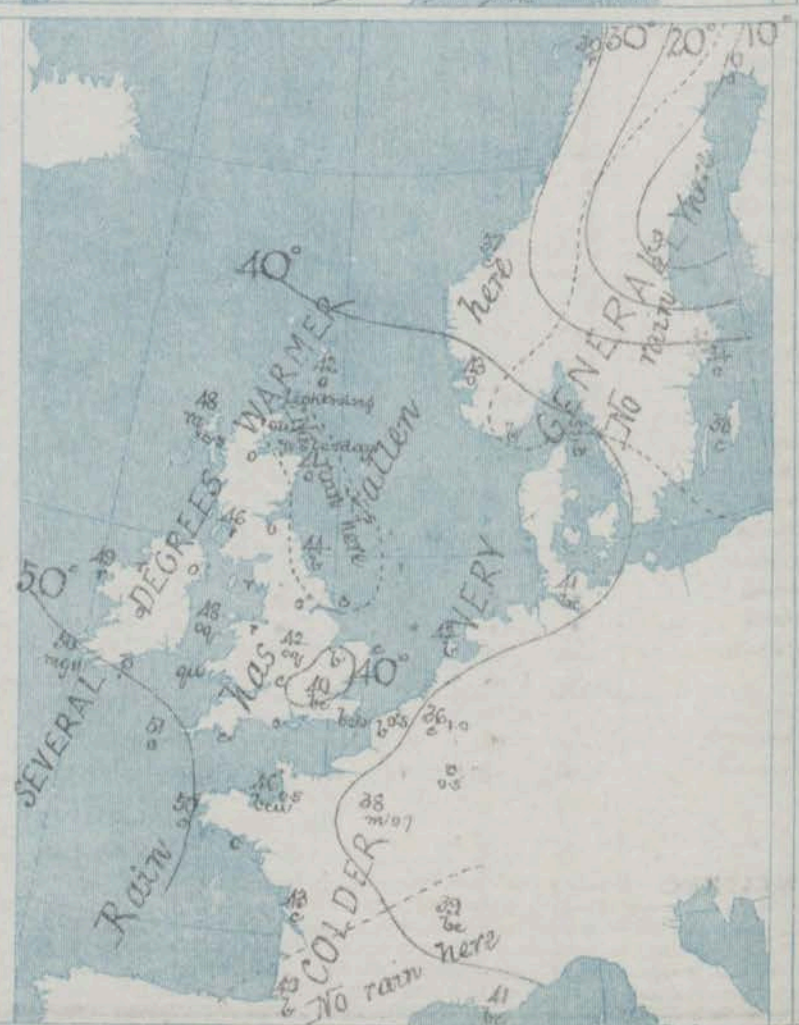
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.0	37.6	4.33
Stornoway.	38.0	37.8	6.61
Wick.	37.8	36.4	3.21
Nairn.	36.8	36.4	2.01
Aberdeen.	36.9	35.3	3.42
Leith.	38.4	37.0	1.96
Shields.	39.2	38.2	3.02
York.	40.2	38.4	2.54
Ardrossan.	40.1	38.3	4.17
Donaghadee.	40.1	38.1	2.86
Ballyhead.	40.2	41.3	4.03
Liverpool.	39.7	37.4	2.89
Valencia.	41.7	41.5	6.05
Roche's Point.	42.9	41.4	4.89
Pembroke.	43.7	42.6	4.26
Scilly.	42.2	46.5	4.18
Hurst Castle.	40.6	38.9	2.96
Dover.	40.0	38.8	3.61
LONDON.	38.1	37.1	2.38
Oxford.	37.3	36.6	2.39
Cambridge.	38.3	35.0	2.82
Yarmouth.	37.9	37.2	2.89

Note—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.





# REMARKS.

for Wednesday 10<sup>th</sup> December 1884, at 8 a.m.

The shallow depression noticed over the Channel yesterday has passed away to the eastward, but in the course of the night a new and rapid fall of the barometer has set in on our west and north-west coasts, and a deep disturbance appears to be approaching from the Atlantic. At the Continental station the barometer is still rising, and an anticyclone has appeared over the west of France. The wind has backed to the South-westward or Southward in all parts of our islands and in the west and north-west it is increasing in force. At Valencia there is already a strong gale. The weather is fair at most of our eastern, southern and the Continental stations, but dull and rainy on our western coasts. In the course of the night rain has fallen on all but our north-east coasts, and in the evening lightning was seen at Wick and Aberdeen. Temperature has risen several degrees in the west and north, and readings now range from 51° at Selly to 38° at Naim, Cambridge and Warrmouth. The sea is very high at Valencia & rough in the west and north-west generally.

The depression which is approaching our western coasts seems likely to travel north-eastwards and will probably occasion South-westerly gales in most parts of our islands.

# FORECASTS

for the 24 hours ending at NOON on 11<sup>th</sup> December 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S <sup>W</sup> to S <sup>W</sup> strong winds and gales; squally, rain at times.	6 { SCOTLAND WEST	S <sup>W</sup> to W <sup>W</sup> strong winds and gales; squally, rainy.
1 { SCOTLAND EAST	.....D.....D.....D.....	7 { ENGLAND N.W.	.....D.....D.....D.....
2 { ENGLAND N.E.	.....D.....D.....D.....	8 { ENGLAND S.W.	S <sup>W</sup> to W <sup>W</sup> strong winds and gales; squally and rainy at first, some improvement later.
3 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	.....D.....D.....D.....
4 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5.	10 { IRELAND SOUTH	.....D.....D.....D.....
5 { ENGLAND SOUTH	S <sup>W</sup> winds, increasing in force, perhaps a gale; fair to unsettled and rainy.	WARNINGS	The South Cone has been hoisted this morning on all coasts.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.42	44	41	W	8	r	6	Valencia	29.99	45	43	W	4	bc	4
Sumburgh Head	29.32	43	40	WNW	6	bc	6	Scilly	30.01	45	44	NW	6	c	6
Stornoway	29.48	40	39	W	6	rg	5	Dungeness	29.86	37	36	NNE	3	r	2
Aberdeen	29.56	37	35	WSW	1	b	1	London	29.89	41	40	W	3	ogr	*
Shields	29.69	41	38	SW	5	b	2	Yarmouth	29.84	41	40	W	3	or	3
Ardrossan	29.69	42	41	W	4	r	3	Jersey	29.96	43	42	NW	3	c	4
Mullaghmore	29.80	44	40	WSW	6	cp	6	Rochefort	30.02	42	50	SSW	8	r	3
Holyhead	29.89	43	39	W	4	bc	3								
Barmettlet	29.79	44	43	WSW	5	c	4								

## REMARKS.

The depression noticed over the Channel this morning appears to be moving eastwards, and the barometer is falling in the east and south-east of England. On our western and northern coast, however, it still rises. The wind has veered to NW. at Scilly, but is not materially changed elsewhere. Rain is still falling in the SE. of England. The sea is rough on north-west and south-west coasts.



# DAILY WEATHER REPORT

for *Thursday* *11<sup>th</sup>* Dec<sup>r</sup> 1884.

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.				
			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 .....	29.38	20	Z	0	0	29.31	-.08	11	11	+ 1	NE	2	0	*	25	2	0.04	
Hernösand ...	29.45	9	Z	0	6	29.34	-.11	6	5	- 3	Z	0	6	*	21	1	0.04	
Stockholm ...	29.49	33	WNW	2	6	29.38	-.05	34	32	0	S	2	f	*	37	27	-	
Wisby ...	29.55	39	W	6	6	29.49	-.03	39	38	+ 1	SSW	4	0	*	45	36	-	
Bodö ...	29.25	31	E	2	5	29.19	-.03	29	27	- 1	E	2	c	*	27	-	-	
Christiansund ...	29.37	37	ESE	3	c	28.93	-.43	38	36	+ 1	SE	2	0	3	31	32	0.35	
† Skudesnaes ...	29.30	45	S	8	Λ	28.94	-.56	46	45	+ 3	SSW	6	0	6	?	43	0.55	
Oxö (Klansund) ...	29.50	43	SW	6	Λ	29.01	-.59	46	45	+ 4	SW	6	0	4	?	38	0.51	
Skagen (The Skaw)	29.58	42	W	5	0	29.10	-.49	43	42	+ 1	SSW	5	Λ	4	43	39	0.20	
Fanö ...	29.62	41	SW	6	Λ	29.24		43	43		WSW	4	c	*	45	39	0.28	
Cuxhaven ...	29.95	40	WSW	5	Λ	29.47	-.49	46	46	+ 5	WSW	6	bc	*	47	37	0.28	
† Sumburgh Head	28.95	43	S	4	Λ	28.83	-.63	43	40	+ 1	WNW	1	c	3	44	40	0.59	
† Stornoway ...	28.94	45	SW	6	b p p	28.97	-.27	44	43	- 4	W	3	b	2	49	42	0.63	
Wick ...	28.98	41	SW	2	0	28.95	-.42	43	42	0	W	2	c	2	46	40	0.15	
Nairn ...	29.06	41	SW	1	6	28.99	-.44	43	42	+ 5	SW	3	c	2	48	738	0.20	
† Aberdeen ...	29.10	46	SSW	2	6	29.03	-.54	44	41	+ 3	WSW	2	c	1	47	40	-	
Leith ...	29.18	50	SW	4	bc	29.15	-.47	45	41	0	W	7	c	*	50	44	0.16	
† Shields ...	29.32	51	SW	6	0	29.26	-.52	45	42	+ 1	SW	6	bc	2	51	42	0.05	
Spurn Head ...	29.53	49	SSW	6	0	29.45	-.50	44	43	+ 4	SW	4	c	2	49	?	0.08	
York ...	29.50	49	S	3	Λ	29.44	-.48	46	43	+ 3	W	4	c	*	51	40	0.02	
Loughborough...	29.63	48	SSW	7	0	29.55	-.46	44	41	+ 2	WSW	4	bc	*	50	42	0.13	
† Ardrossan ...	29.22	48	SSW	4	Λ	29.27	-.33	47	46	+ 1	W	5	op p	4	48	45	0.86	
† Mullaghmore ...	29.35	49	W	7	og p	29.42	-.06	48	45	0	W	6	og p	5	51	45	0.35	
Donaghadee ...	29.32	49	SW	4	0	29.38	-.28	43	42	- 2	SSW	6	6	3	50	41	0.15	
Parsonstown ...	29.49	49	SW	2	0	29.52	-.19	46	45	- 2	W	1	c	*	52	44	0.35	
Barrow-in-Farness	29.37	49	SW	6	0	29.43	-.39	46	43	+ 1	SW	5	c	4	50	44	0.23	
† Holyhead ...	29.46	51	WSW	6	og	29.52	-.32	48	46	0	WSW	5	0	5	52	47	0.15	
Liverpool (Bidston)	29.44	51	SW	6	0	29.47	-.45	47	42	+ 3	WSW	6	b	5	52	44	0.12	
Valencia ...	29.64	54	SW	7	og	29.43	-.23	52	52	+ 2	SSW	6	avg	6	54	38	0.46	
Roche's Point ..	29.60	50	W	5	bc	29.56	-.26	49	48	- 1	WSW	3	p	4	52	45	0.10	
Pembroke ...	29.59	51	SW	7	Λ	29.63	-.33	51	49	+ 2	WSW	5	og	6	52	48	0.12	
† Scilly ...	29.85	52	SW	8	Λ	29.77	-.32	52	51	+ 1	WSW	6	op	6	52	48	0.05	
Prawle Point ...	29.86	50	SW	8	0	29.77	-.38	50	49	+ 2	WSW	5	b p p	6	51	46	0.16	
Hurst Castle ...	29.87	51	WSW	8	0	29.73	-.42	50	48	+ 2	W	6	bc	5	54	46	0.16	
† Dungeness ...	30.01	49	WSW	6	Λ q	29.71	-.47	50	48	+ 3	W	5	0	5	51	36	0.12	
† London ...	29.83	49	WSW	6	q	29.65	-.47	47	45	+ 7	WSW	6	bc	*	51	40	0.12	
Oxford ...	29.67	49	S	7	Λ	29.64	-.46	46	45	+ 6	SW	3	c u	*	51	40	0.02	
Cambridge ...	29.72	48	SSW	3	0	29.61	-.47	42	41	+ 4	Z	0	bc	*	51	36	0.06	
† Yarmouth ...	29.76	45	SSW	5	og	29.57	-.50	44	42	+ 6	WSW	3	bc	3	48	36	0.10	
The Helder ...	29.76	44	SSW	6	0	29.52	-.55	46	44	+ 6	WSW	5	bc	4	48	33	0.16	
Cape Griz Nez...	29.95	48	WSW	9	0	29.69	-.46	50	48	+ 3	WSW	7	0	5	?	45	0.24	
† Jersey ...	30.03	49	SW	6	c q	29.87	-.38	51	50	+ 5	WSW	5	bc m	5	52	46	0.06	
Brest ...	30.08	51	WSW	7	0	29.97	-.29	51	50	+ 1	W	4	bc	5	52	48	0.12	
Lorient ...	30.0	51	WSW	7	0	29.97	-.29	51	50	+ 1	W	4	bc	5	52	48	0.12	
† Rochefort ...	30.33	45	S	5	6	30.21	-.26	52	51	+ 9	W	4	0	2	?	2	-	
Biarritz ...	30.27	47	E	4	6	30.28	-.13	54	54	+ 14	WSW	4	c	2	64	3	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	29.76	-.49	46	43	+ 10	SW	4	0	*	46	?	0.08	
Charleville ...	30.10	40	SSW	4	0	29.89	-.22	41	39	+ 4	SSW	8	0	*	46	32	0.08	
Paris ...	30.25	43	S	4	bc	29.97	-.42	46	44	+ 8	SW	1	0	*	*	*	-	
Lyons ...	30.37	37	WNW	1	6	30.27	-.20	30	30	- 9	S	1	b	*	43	29	-	
Toulon ...	30.22	43	E	3	bc	30.24	+ 0.06	44	39	+ 3	WNW	5	bc	2	52	41	-	
Belmullet...	29.37	48	W	8	6	29.43	+ 0.08	46	46	- 3	W	4	0	?	50	46	0.23	

## 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).

Fred<sup>d</sup> Dargersfield Ltd. London.



# WEATHER CHARTS

for 8 a.m. on Thursday 11<sup>th</sup> DECEMBER.

1884.

## 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.

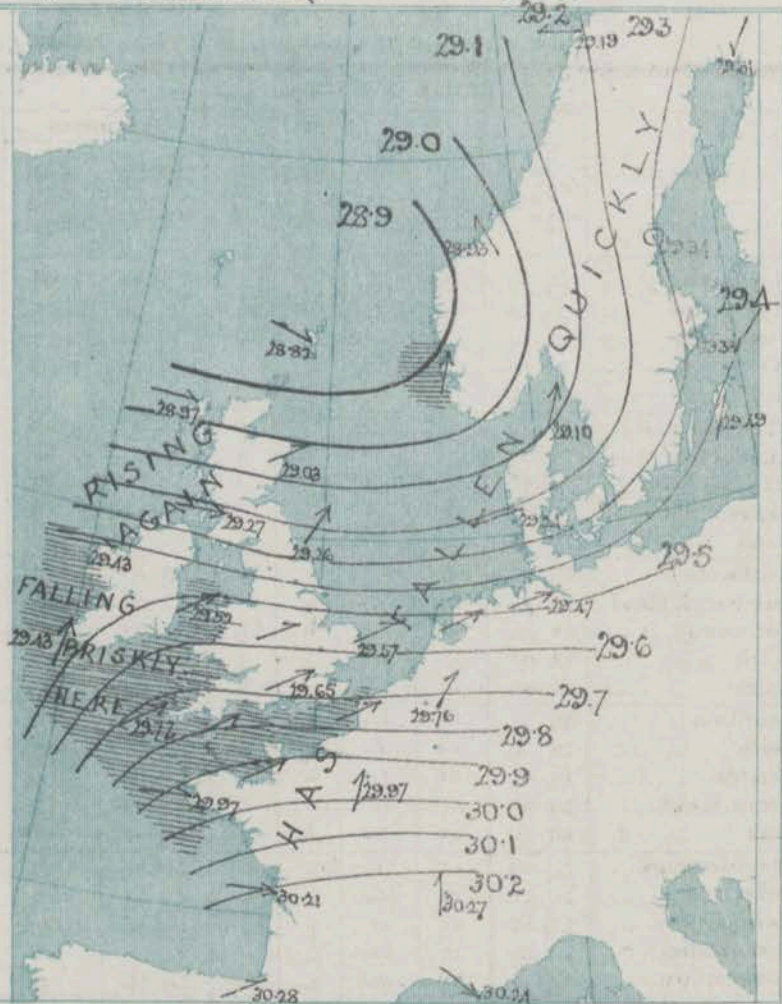
**Sea Disturbance** — where considerable is shown thus

■ = Rough, ■ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.680
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Donaghadee.	29.832
Holyhead.	29.856
Liverpool.	29.882
Valencia.	29.878
Roches Point.	29.889
Pembroke.	29.897
Scilly.	29.943
Hurst Castle.	29.938
Dover.	29.942
LONDON.	29.934
Oxford.	29.937
Cambridge.	29.926
Yarmouth.	29.902



## 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.

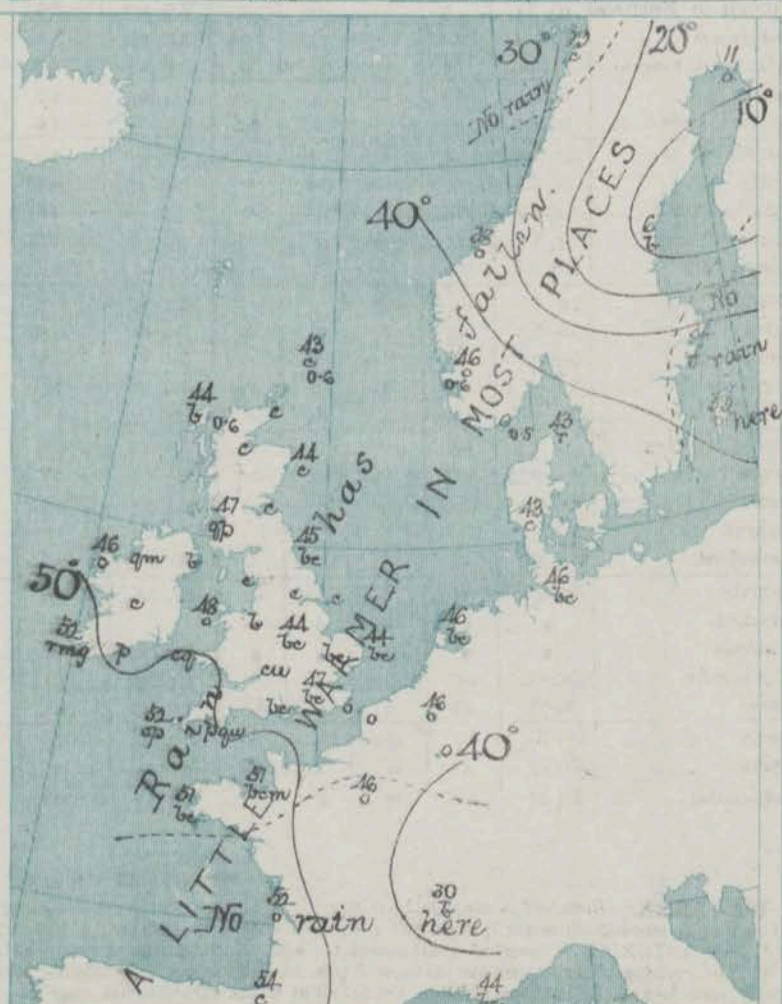
**Rainfall** A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.0	37.6	4.13
Stornoway.	38.9	37.8	8.61
Wick.	37.8	36.8	3.21
Nairn.	36.9	35.4	2.01
Aberdeen.	36.9	35.3	3.92
Leith.	38.4	37.0	1.06
Shields.	39.2	36.9	3.03
York.	36.2	35.4	2.64
Ardrossan.	40.1	38.3	1.17
Donaghadee.	40.1	38.1	2.88
Holyhead.	42.9	41.3	4.03
Liverpool.	38.1	37.4	2.88
Valencia.	44.7	41.8	6.05
Roches Point.	42.9	41.4	4.89
Pembroke.	43.7	42.6	4.26
Scilly.	47.2	46.3	4.18
Hurst Castle.	40.6	39.9	2.98
Dover.	40.0	38.8	3.51
LONDON.	38.1	37.1	2.28
Oxford.	37.3	36.6	2.19
Cambridge.	36.3	35.6	2.02
Yarmouth.	37.8	37.2	2.89

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





1884. at 8 a.m.

The depression which is approaching the south of Ireland, will probably pass across England, and occasion SW<sup>2</sup> to W<sup>1</sup> gales in the Channel and south-west generally.

for the 24 hours ending at NOON on 12<sup>th</sup> December, 1884.  
(Issued at 11 a.m. on the previous day.)

Frederick Dangerfield, *Lith.* London, 1831.



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

RESIDENTIALS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes	29.56	45	41	S	8	A	5	Valencia	29.57	54	53	SW	1	omg	1
Sumburgh Head	29.15	43	43	SSE	4	A	4	Scilly	29.92	52	50	SW	1	o	6
Stornoway	28.96	49	48	WSW	6	Cy	6	Dungeness	30.02	49	46	WSW	5	Cy/p	5
Aberdeen	29.27	45	43	SEW	5	C	2	London	29.96	49	46	SW	5	o	•
Shields	29.50	45	43	SSW	6	O	2	Yarmouth	29.91	44	43	SW	4	ON	3
Ardrossan	29.26	48	48	SEW	7	A	6	Jersey	30.10	50	48	SW	6	C	5
Mullaghmore	29.32	50	49	SW	5	om	5	Rochefort	30.40	48	45	S	5	C	2
Holyhead	29.57	50	49	SSW	7	Ay	6								
Belmullet	29.32	51	50	W	6	O	4								

## REMARKS.

The barometer is falling generally and the  $SW$  wind has increased to a moderate gale at Holyhead. In the course of the morning fresh  $SW$  gales have blown at Stornoway and Mullaghmore. The weather is cloudy or overcast, with rain at Sumburgh Hd, Holyhead, and Yarmouth. The sea is high at Valencia and rough on all but our east coast.



# DAILY WEATHER REPORT

for *Friday* 12<sup>th</sup> Dec<sup>r</sup> 1884.

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

Issued by the Meteorological Office, 10, 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.		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 .....	29.36	15	Z	0	0	29.45	- 14	0	0	- 11	N	2	bc	*	19	?	-	
Hernösand ...	29.10	34	S	3	A	29.23	- 11	25	24	+ 19	N	6	s	*	36	1	0.63	
Stockholm ...	29.05	27	Z	0	A	29.08	- 30	35	35	+ 1	N	2	n	*	37	23	0.16	
Wisby ...	29.19	41	SW	6	C	29.17	- 32	41	40	+ 2	SW	6	n	*	43	36	0.82	
Bodö ...	29.27	23	ESE	2	C	29.54	+ 35	21	19	- 8	E	2	bc	*	?	18	-	
Christiansund ...	29.17	37	NNE	4	B	29.57	+ 64	33	32	- 5	NE	4	n	3	?	28	0.04	
Skudesnaes ...	29.00	43	NW	2	0	29.60	+ 66	39	34	- 7	N	6	0	4	46	?	-	
Oxö (Xiansund) ...	28.98	47	NW	1	0	29.44	+ 43	35	35	- 11	NNE	1	c	4	46	34	0.16	
Skagen (The Skaw)	29.03	44	WSW	4	A	29.39	+ 29	40	36	- 3	N	5	c	5	45	39	0.47	
Fanö ...	29.25	42	WSW	6	0	29.63	+ 29	43	41	0	NW	4	c	*	45	41	0.04	
Cuxhaven ...	29.47	40	WSW	4	0	29.62	+ 15	46	46	0	NW	4	bc	*	?	35	-	
† Sumburgh Head	29.18	44	NNW	6	0	29.73	+ 90	35	33	- 8	N	1	0	3	45	33	0.02	
† Stornoway ...	29.57	44	NNW	5	ng	29.71	- 74	43	42	- 1	S	5	ng	4	46	37	0.18	
Wick ...	29.36	43	NNW	6	0	29.78	+ 83	38	36	- 5	N	2	c	1	45	35	0.07	
Nairn ...	29.46	45	NNW	3	0	29.79	+ 80	40	38	- 3	Z	0	og	1	47	38	-	
† Aberdeen ...	29.34	47	NNW	6	og	29.84	+ 81	37	36	- 7	WSW	1	bc	2	47	36	0.05	
Leith ...	29.43	47	N	3	bc	29.88	+ 73	42	38	- 3	N	1	m	*	47	38	-	
† Shields ...	29.39	45	SW	4	C	29.95	+ 69	39	37	- 6	WSW	2	bc	2	46	37	-	
Spurn Head ...	29.42	44	N	4	C	29.98	+ 53	40	40	- 4	N	4	bc	3	46	39	-	
York ...	29.44	45	N	3	C	30.01	+ 57	38	37	- 8	N	1	bc	*	52	37	-	
Loughborough...	29.52	45	N	3	C	30.07	+ 52	42	40	- 2	WSW	2	c	*	49	41	0.02	
† Ardrossan ...	29.51	48	NW	4	C	29.91	+ 64	47	46	0	SW	2	0	2	48	43	0.01	
† Mullaghmore ...	29.77	48	NW	7	cyp	29.86	+ 44	48	46	0	SW	5	0A	5	48	45	0.05	
Donaghadee ...	29.61	48	NNW	7	bc	29.98	+ 60	43	42	0	SW	3	bc	1	48	40	0.01	
Parsonstown ...	29.83	45	WSW	2	C	30.04	+ 52	45	44	- 1	Z	0	0	*	48	41	0.01	
Barrow-in-Furness	29.47	47	NW	4	0	30.01	+ 58	45	44	- 1	NNW	3	c	*	47	43	0.19	
† Holyhead ...	29.63	49	NNW	6	cg	30.06	+ 54	47	45	- 1	N	3	c	2	50	46	0.01	
Liverpool (Bidston)	29.53	47	N	6	0	30.04	+ 57	44	43	- 3	N	3	bc	3	50	44	0.03	
† Valencia ...	29.99	49	NW	5	bcg	30.04	+ 61	52	52	0	SSW	6	ogm	6	53	47	0.20	
Roche's Point ..	29.88	47	NNW	6	C	30.09	+ 53	50	48	+ 1	WSW	3	c	4	51	42	0.33	
Pembroke ...	29.72	48	NW	5	C	30.14	+ 51	49	46	- 2	WSW	5	bc	4	51	47	0.57	
† Scilly ...	29.74	52	NNW	8	C	30.22	+ 45	49	49	- 3	N	4	cpd	5	54	48	0.12	
Prawle Point ...	29.67	49	NNW	4	C	30.21	+ 44	44	42	- 6	NNW	2	bc	3	51	42	0.24	
Hurst Castle ...	29.52	48	N	4	A	30.15	+ 42	46	45	- 4	NNW	3	c	4	53	44	0.29	
† Dungeness ...	29.52	48	Z	0	A	30.06	+ 35	42	40	- 8	NW	2	bc	2	51	42	0.80	
† London ...	29.52	48	SSE	1	0	30.10	+ 45	42	40	- 5	N	3	bc	*	52	41	0.13	
Oxford ...	29.64	46	SW	3	0	30.11	+ 47	44	42	- 2	N	1	0	*	50	44	0.96	
Cambridge ...	29.52	46	Z	0	0	30.07	+ 46	40	39	- 2	N	1	bc	*	49	38	-	
† Yarmouth ...	29.49	46	WSW	2	C	29.99	+ 42	42	40	- 2	NW	3	c	3	48	40	0.01	
The Helder ...	29.47	46	SW	2	bc	29.78	+ 26	46	44	0	NNW	4	c	3	46	45	0.04	
Cape Griz Nez...																		
† Jersey ...	29.59	51	N	8	cpg	30.22	+ 35	48	44	- 3	NW	3	bc	4	52	48	0.15	
Brest ...	29.83	51	NNW	8	0	30.28	+ 31	50	46	- 1	NNW	5	0	6	54	48	0.12	
Lorient ...	29.79	53	N	9	C	30.30		50	46		NW	5	0	4	55	45	-	
† Rochefort ...	30.00	54	N	9	A	30.34	+ 13	50	48	- 2	NNW	7	0	2	55	45	0.20	
Biarritz ...	30.23	55	SW	5	0	30.35	+ 07	54	52	0	NNW	5	c	3	57	48	0.24	
Corunna ...	*	*	*	*	*													
Brussels ...	*	*	*	*	*	29.97	+ 21	46	43	0	NNW	3	0	*	49	45	0.39	
Charleville ...	29.65	45	SW	4	0	?	?	45	42	+ 4	?	4	0	*	49	39	0.85	
Paris ...	29.64	48	S	4	0	30.15	+ 18	49	47	+ 3	N	1	bc	*	*	*	0.47	
Lyons ...	30.08	42	S	3	bc	30.11	- 16	47	44	+ 17	NN	4	0	*	?	?	-	
Toulon ...	30.21	46	NW	5	m	29.98	- 26	45	42	+ 1	NW	5	bc	4	46	41	0.04	
Belmullet ...	29.83	48	NW	4	C	29.82	+ 39	30	28	+ 4	SW	6	0	*	50	44	0.03	

## 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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## 1884

(Explanation of Map)

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

\*→ = forces above  $W_i$  → = forces 8 to  $W_i$   
 → = forces 5 to  $T_i$  → = forces 1 to  $q_i$   
 ⊙ = dead calm.

 = Rough,  = High

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

*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 December

A hand-drawn map of Europe and North Africa with isotherms and handwritten notes. Isotherms for 10°C, 20°C, 30°C, 40°C, and 50°C are drawn. Handwritten notes include "PLACES farthest from the ocean", "MOST has rain", "COLDEST", "WARMER", and "No rain". Various numbers and letters are scattered across the map, likely representing specific data points or station identifiers.

NOTE.—The Temperature means are for the 10 years 1871–80, the Rainfall means are mainly those for the 15 years 1866–80.



# REMARKS.

for Friday 12<sup>th</sup> December 1884. at 8 a.m.

The large depression which lay off the north of Scotland yesterday, and the subsidiary disturbance which was approaching our south-west coasts have both travelled away to the eastward, and in their rear a brisk rise of the barometer has taken place in all parts of the Kingdom. On our extreme west and north-west coasts, however, the barometer is again falling, and a new disturbance is apparently advancing towards the west of Scotland. The wind is NW<sup>1/2</sup> or N<sup>1/2</sup> at most of the Continental stations, and W<sup>1/2</sup> in the east and south of our Islands, but in Ireland and the west of Scotland it has backed to SW. and is again increasing in force. Rain is falling in the south of Sweden and also on our extreme north-west coasts, but elsewhere the weather is fair. During yesterday rain fell at all but our north-eastern stations, the largest amounts being 1.0 in. at Oxford and 0.8 in. at Dungeness. Temperature has fallen in most places, and reading range from 52° at Valencia to 35° in the Shetlands. The sea is rough off the west of Ireland, as well as at the mouth of the Channel, but is moderate to smooth elsewhere.

The new depression will probably move eastwards and occasion a considerable increase of wind over the whole Kingdom.

# FORECASTS

for the 24 hours ending at NOON on 13<sup>th</sup> December 1884.

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

## DISTRICTS.

## FORECASTS.

## DISTRICTS.

## FORECASTS.

0 { SCOTLAND  
NORTH

Wind backing to S. and increasing considerably in force; fair to squally and rainy.

1 { SCOTLAND  
EAST

----- D<sup>1</sup> ----- D<sup>2</sup> ----- D<sup>3</sup> -----

2 { ENGLAND  
N.E.

----- D<sup>1</sup> ----- D<sup>2</sup> ----- D<sup>3</sup> -----

3 { ENGLAND  
EAST

Same as No. 5

4 { MIDLAND  
COUNTIES

Same as No. 5

5 { ENGLAND  
SOUTH

W<sup>1/2</sup> to SW<sup>1/2</sup> winds, increasing in force fair to squally and rainy.

6 { SCOTLAND  
WEST

S<sup>1/2</sup> to SW<sup>1/2</sup> or W<sup>1/2</sup> winds, increasing to a gale; squally, rainy.

7 { ENGLAND  
N.W.

Same as No. 0.

8 { ENGLAND  
S.W.

SW<sup>1/2</sup> winds, increasing in force; squally, showery.

9 { IRELAND  
NORTH

SW<sup>1/2</sup> to W<sup>1/2</sup> strong winds and gales squally, rainy.

10 { IRELAND  
SOUTH

----- D<sup>1</sup> ----- D<sup>2</sup> ----- D<sup>3</sup> -----

## WARNINGS

The south cone has been re-hoisted this morning in districts 6, 9, and 10.



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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes	28.91	46	45	S	4	of	5	Valencia	29.76	51	48	WNW	6	c q p	6
Sumburgh Head	28.98	45	44	WNW	1	c	3	Scilly	29.58	51	50	WNW	8	o q	6
Stornoway	29.29	45	44	WNW	5	c q p	3	Dungeness	29.61	51	50	W	6	h	5
Aberdeen	29.12	45	42	W	3	bc	1	London	29.55	52	49	S	3	o q	*
Shields	29.29	46	43	SW	6	bc	2	Yarmouth	29.52	48	46	SW	4	c	3
Ardrossan	29.27	48	48	W	7	0	5	Jersey	29.61	51	51	SW	8	h	6
Mullaghmore	29.57	48	46	WNW	6	o q m p	6	Rochefort	30.14	55	54	W	8	h	3
Holyhead	29.50	49	46	WNW	5	c	4								
Belmullet	29.62	47	47	WNW	5	6	*								

## REMARKS.

The depression which was approaching the south of Ireland this morning is moving E<sup>ly</sup>, and while the barometer continues to fall in the south and south east of England, but a brisk rise has set in in the west and north. The wind is SW<sup>ly</sup> in the east and NW<sup>ly</sup> in the west and north and at Scilly there is a fresh gale. Showers are falling in many places. The sea is rough in the west and south.



# DAILY WEATHER REPORT

for *Saturday* 13<sup>th</sup> Dec<sup>r</sup> 1884.

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

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.			
			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.	Amount of Rainfall.
Haparanda .....	29.55	-4	N	2	B	29.52	+0.04	-4	-4	-4	N	2	B	*	16	-6	-
Hernösand ...	29.59	16	NW	4	B	29.66	+0.43	4	4	-21	N	0	B	*	36	?	0.04
Stockholm ...	29.53	?	NW	6	O	29.69	+0.61	15	14	-20	NW	2	B	*	37	?	0.04
Wisby ...	29.39	32	N	8	O	29.65	+0.48	28	26	-13	NW	6	C	*	43	?	0.08
Bodö ...	29.65	18	E	2	B	29.52	-0.02	18	15	-3	E	2	B	*	?	?	-
Christiansund ...	29.64	32	SE	1	O	29.20	-0.37	36	33	+3	ESE	3	O	3	36	27	0.08
Skudesnaes ...	29.69	42	SSE	6	O	29.50	-0.10	45	43	+6	N	4	A	4	?	39	0.24
Oxö (Klansund) ...	29.75	34	WNW	1	O	29.53	+0.09	36	34	0	NW	1	O	2	37	32	0.04
Skagen (The Skaw)	29.79	40	SE	2	Bc	29.57	+0.18	40	39	0	SSW	3	A	2	41	34	0.04
Fanö ...	29.86	40	WNW	4	O	29.73	+0.20	44	44	+1	WSW	4	*	*	45	39	-
Cuxhaven ...	29.94	41	NW	5	A	29.89	+0.27	48	48	+2	N	6	A	*	48	37	0.10
Sumburgh Head ...	29.43	42	S	4	A	29.43	-0.30	44	41	+9	N	4	O	4	47	38	0.18
Stornoway ...	29.50	47	WSW	6	Cg	29.55	-0.16	41	41	-2	WNW	6	Aq	5	50	40	0.31
Wick ...	29.45	45	SW	5	O	29.53	-0.25	41	40	+3	N	2	C	2	47	37	0.25
Nairn ...	29.49	50	N	2	O	29.58	-0.21	46	45	+6	N	1	O	1	50	39	0.21
Aberdeen ...	29.58	45	SSW	1	O	29.63	-0.21	40	39	+3	SSW	2	Bc	2	49	36	0.20
Leith ...	29.65	53	SW	5	C	29.72	-0.16	49	45	+7	WSW	4	C	*	53	42	0.03
Shields ...	29.79	49	SSW	2	O	29.80	-0.15	56	48	+11	SW	3	O	2	54	37	0.12
Spurn Head ...	29.91	45	SW	4	O	29.90	-0.08	49	49	+9	SW	5	Bc	3	50	39	0.03
York ...	29.92	48	WSW	2	O	29.91	-0.10	52	51	+14	N	3	O	*	52	37	0.04
Loughborough...	30.02	47	SW	4	O	30.00	-0.07	52	50	+10	WSW	4	O	*	52	41	-
Ardrossan ...	29.73	50	SW	3	A	29.77	-0.14	48	48	+1	S	2	O	2	50	45	0.31
Mullaghmore ...	29.80	51	SW	5	Am	29.85	-0.01	49	48	+1	WSW	5	om	6	52	47	0.87
Donaghadee ...	29.82	52	SW	4	O	29.81	-0.17	50	50	+1	WSW	3	C	1	52	42	0.81
Parsonstown ...	29.95	53	SSW	1	O	29.95	-0.09	52	51	+7	N	1	O	*	54	44	0.19
Barrow-in-Furness	29.86	49	SW	4	O	29.88	-0.13	49	49	+4	SW	3	om	4	50	44	0.14
Holyhead ...	29.95	51	SSW	5	Oq	29.95	-0.11	51	51	+4	SW	6	Aq	5	51	47	0.01
Liverpool (Bidston)	29.91	53	WSW	5	O	29.93	-0.11	51	50	+7	WSW	5	O	3	54	44	0.03
Valencia ...	30.01	54	SW	7	om	29.98	-0.06	55	54	+3	SW	6	omg	6	56	51	0.14
Roche's Point ..	30.06	52	WSW	3	A	30.03	-0.06	53	52	+3	WSW	5	Am	4	54	45	0.10
Pembroke ...	30.06	51	WSW	6	O	30.06	-0.08	52	51	+3	SW	6	omd	6	52	48	0.03
Scilly ...	30.19	53	WSW	5	gm	30.19	-0.03	53	52	+4	SW	5	om	5	53	48	0.03
Prawle Point ...	30.23	50	WSW	4	A	30.23	+0.02	50	50	+6	SW	4	O	4	51	43	0.11
Hurst Castle ...	30.20	50	N	5	O	30.24	+0.09	51	50	+5	WSW	6	C	5	52	45	0.04
Duageness ...	30.18	48	N	4	O	30.18	+0.12	51	50	+9	N	4	O	4	51	41	0.01
London ...	30.13	47	SW	3	O	30.13	+0.03	51	49	+9	SW	3	ogd	*	53	41	0.01
Oxford ...	30.11	48	SW	4	O	30.12	+0.01	51	49	+7	SW	5	Oq	*	52	44	0.01
Cambridge ...	30.07	46	SW	1	A	30.05	-0.02	50	49	+10	SW	1	6	*	51	38	0.08
Yarmouth ...	30.07	45	SW	2	cm	30.03	+0.04	49	48	+7	WSW	4	Bc	3	49	40	0.01
The Helder ...	30.05	45	WSW	3	A	29.99	+0.21	47	46	+1	SW	4	Bc	3	48	45	0.04
Cape Griz Nez...	30.12	48	WNW	7	C	30.13	-	50	49	-	WSW	8	O	6	50	45	0.16
Jersey ...	30.29	51	N	4	Bc	30.30	+0.08	51	51	+3	WSW	4	cm	4	52	47	0.05
Brest ...	30.34	52	N	4	O	30.33	+0.05	51	51	+1	N	5	6	4	52	48	-
Lorient ...	30.38	52	N	5	O	30.39	+0.09	52	51	+2	WSW	7	m	4	55	46	-
Roche fort ...	30.47	50	NW	4	O	30.52	+0.13	48	48	-2	S	3	O	2	57	43	-
Biarritz ...																	
Corunna ...																	
Brussels ...						30.23	+0.26	46	46	0	SW	4	A	*	47	42	0.04
Charleville ...		38	WNW	5	O	30.32	?	43	41	-2	WNW	1	O	*	49	36	-
Paris ...	30.33	47	SW	4	Bc	30.41	+0.26	48	46	-1	WSW	1	O	*			-
Lyons ...	30.38	44	WNW	1	O	30.53	+0.42	36	36	-11	NE	1	6	*	47	35	-
Toulon ...	30.66	48	WNW	5	B	30.35	+0.37	50	46	+5	NW	3	6	3	50	43	-
Belmullet ...	29.82	49	N	5	O	29.84	+0.02	50	50	0	N	4	C	*	51	47	0.36

## 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.

Printed by D. J. D. London.



# WEATHER CHARTS

for 8 a.m. on Saturday 13<sup>th</sup> December 1884.

## BAROMETER, WIND & SEA.

(Explanation of Map)

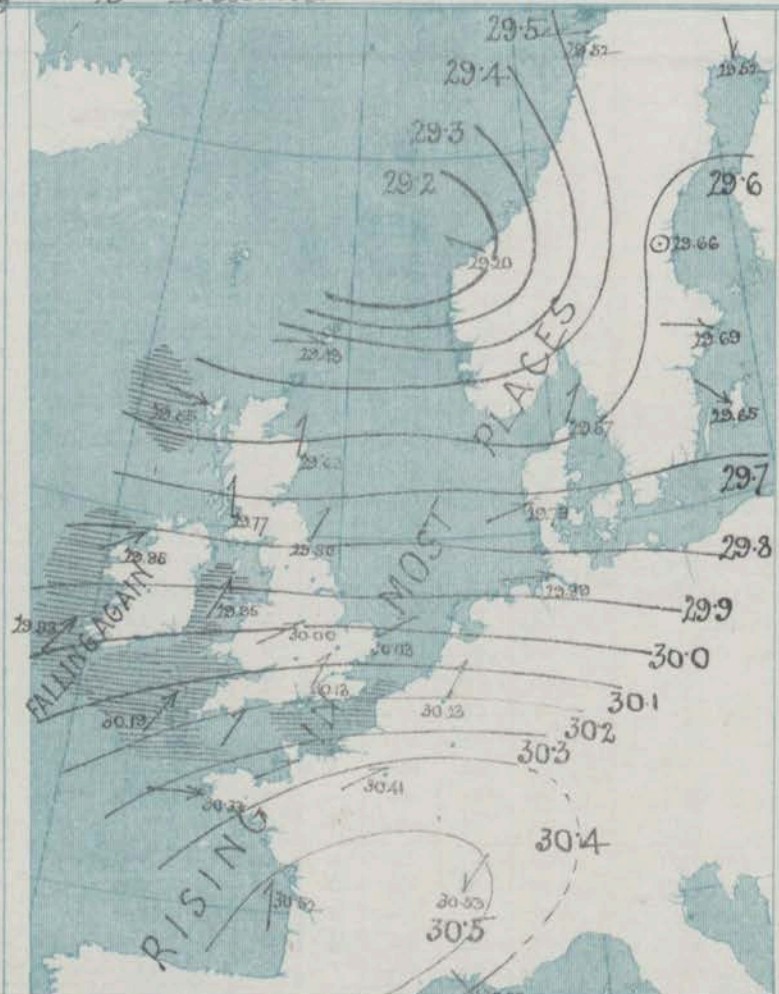
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 → = forces above 10; → = forces 8 to 10;  
 → = forces 5 to 7; →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

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

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.680
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.760
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.810
Donaghadee	29.832
Holyhead	29.858
Liverpool	29.882
Valencia	29.879
Rock's Point	29.889
Pembroke	29.897
Scilly	29.843
Hurst Castle	29.938
Dover	29.942
LONDON	29.939
Oxford	29.957
Cambridge	29.926
Yarmouth	29.902



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

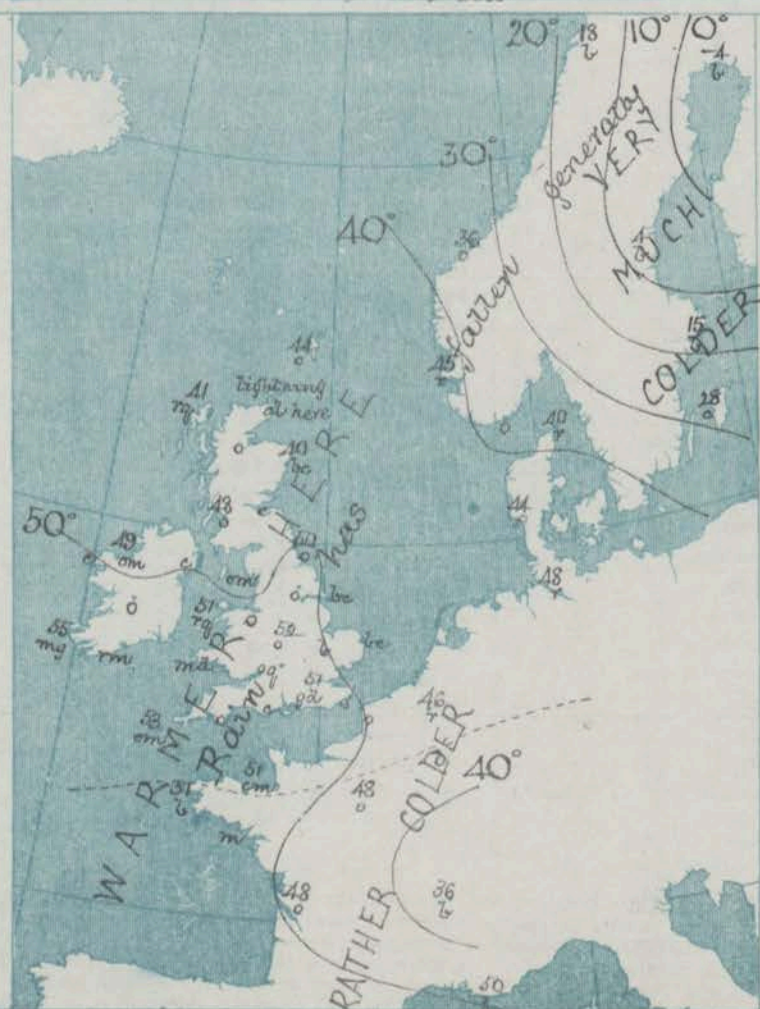
**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather** — is shown by Letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more,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

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.0	37.6	4.13
Stornoway	38.9	37.8	6.61
Wick	37.8	36.4	3.21
Nairn	36.9	36.4	2.01
Aberdeen	36.9	35.3	3.42
Leith	38.4	37.0	1.95
Shields	39.2	36.9	2.03
York	36.2	35.4	2.54
Ardrossan	40.1	38.3	4.17
Donaghadee	40.1	39.1	2.85
Holyhead	42.9	41.3	4.03
Liverpool	39.7	37.4	2.89
Valencia	44.7	41.8	6.05
Rock's Point	42.9	41.9	4.89
Pembroke	43.7	42.6	4.26
Scilly	47.2	45.3	4.18
Hurst Castle	40.6	38.9	2.98
Dover	40.0	38.8	3.51
LONDON	38.1	37.1	2.28
Oxford	37.3	36.6	2.79
Cambridge	36.3	35.6	2.02
Yarmouth	37.9	37.2	2.39

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for Saturday 13<sup>th</sup> DEC<sup>r</sup>.

1884, at 8 a.m.

The depression which was approaching our north-west coast yesterday is now passing away to the northward of Scotland, but while the barometer is rising in most parts of the United Kingdom and France a new fall has set in at Valencia since 10 pm. The wind is E<sup>2</sup> at Bodo and Christiansund, and W<sup>2</sup> in the north of Scotland, but elsewhere it is chiefly SW<sup>2</sup>, and on some parts of our eastern and southern coast it is strong in force. The weather is fine in Sweden, as well as at some of our eastern stations, but cloudy or overcast elsewhere, with rain locally. In the course of the past twenty-four hours rain has fallen generally, and lightning has been seen at Wick. Temperatures has fallen at several of the Continental stations, quickly in Sweden, but in our Islands it has risen a few degrees. Readings over the United Kingdom now range from 55° at Valencia to 40° at Aberdeen. The sea is rough on our western and southern coasts.

The new fall of the barometer in the south of Ireland is sufficient to show that the weather is still in an unsettled state, but there is at present no sign of any serious depression.

## FORECASTS

for the 24 hours ending at NOON on 14<sup>th</sup> December, 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	W <sup>2</sup> and SW <sup>2</sup> winds, moderate or fresh; changeable, some rain.	6 { SCOTLAND WEST	Same as N <sup>o</sup> 0 to 2.
1 { SCOTLAND EAST	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	7 { ENGLAND N. W.	SW <sup>2</sup> and W <sup>2</sup> winds, strong; unsettled, rain at times.
2 { ENGLAND N. E.	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	8 { ENGLAND S. W.	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
3 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	SW <sup>2</sup> winds, strong, cloudy. some rain.
4 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5.	10 { IRELAND SOUTH	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
5 { ENGLAND SOUTH	SW <sup>2</sup> winds, fresh or strong; cloudy, some rain.	WARNINGS	The S. cone is still up in districts 9. and 10, but the signals have been lowered in districts 0. and 6.



# 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	29.71	39	36	N	2	0	4	Valencia	30.02	54	53	SW	6	c	6
Sumburgh Head	29.60	41	38	SSW	3	1	3	Scilly	30.20	53	52	SW	5	0	6
Stornoway	29.45	40	50	SW	6	1	6	Dungeness	30.16	50	41	WNW	4	6	2
Aberdeen	29.69	42	41	SSW	4	1	2	London	30.15	50	45	W	3	om	*
Shields	29.87	43	41	SEW	3	1	2	Yarmouth	30.07	45	43	W	2	cm	3
Ardrossan	29.74	48	48	SW	4	1	3	Jersey	30.27	51	48	W	4	6c	4
Mullaghmore	29.79	51	51	SW	5	0pm	5	Rochefort	30.43	51	48	WN	5	0	2
Holyhead	29.98	50	49	SW	4	09	3								
Balmullet	29.79	50	?	W	7	1	2								

## REMARKS.

The barometer is falling at all our northern and western stations, but no serious increase is reported in the force of the wind. The weather remains fair on our south east coasts, but is cloudy or overcast elsewhere, with rain in the north and north east. The sea is rough on our extreme west and north west coasts, but slight in the east and south.



# DAILY WEATHER REPORT

for Sunday 14<sup>th</sup> Decr 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, 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.		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).		Weather	Max.	Min.	Amount of Rainfall.					
Haparanda .....	29.57	5	N	2	b	29.71	+ 19	9	9	+ 13	N	4	b	*	?	-8	—					
Hernösand ...	29.57	10	Z	0	s	29.86	+ 20	29	28	+ 25	NE	2	o	*	?	2	0.08					
Stockholm ...	29.49	26	E	2	s	29.74	+ 05	26	26	+ 11	Z	0	s	*	25	14	0.16					
Wisby ...	29.52	38	SE	6	o	29.73	+ 08	32	31	+ 4	WNW	6	o	*	45	27	0.12					
Bodö ...	29.56	19	ENE	2	b	29.77	+ 25	15	15	0	ENE	2	b	1	19	14	—					
Christiansund ...	29.26	39	WSW	5	r	29.57	+ 37	35	34	— 1	ESE	1	c	5	39	30	1.10					
Skudesnaes ...	29.63	44	WNW	7	c	29.64	+ 114	42	39	— 3	SSE	6	r	4	46	?	0.20					
Oxö (Xulansund) ...	29.34	39	W	6	b	29.75	+ 22	39	39	+ 4	W	1	o	4	45	34	0.16					
Skagen (The Skaw)	29.49	42	W	6	b	29.76	+ 17	42	40	+ 2	W	2	o	3	43	37	0.08					
Fanö ...	29.58	43	WSW	6	c	29.57	+ 09	42	42	— 2	S	4	r	*	45	41	0.16					
Cuxhaven ...	29.91	?	W	6	r	29.49	+ 10	50	36	+ 2	WSW	5	o	*	?	46	0.28					
† Sumburgh Head	29.57	42	W	5	c	29.28	— 20	41	41	— 3	SSE	7	r	6	45	39	0.15					
† Stornoway ...	29.72	38	WSW	3	c	29.00	— 55	41	44	+ 6	S	9	cg	7	41	36	0.07					
Wick ...	29.74	38	SW	2	o	29.15	— 38	45	45	+ 4	NW	2	sm	2	45	35	0.45					
Nairn ...	29.75	39	Z	0	b	29.12	— 42	53	51	+ 7	SSW	6	o	4	43	37	0.45					
† Aberdeen ...	29.81	41	Z	0	b	29.30	— 29	50	45	+ 10	SSW	6	cg	2	40	37	0.24					
Leith ...	29.81	49	WSW	3	c	29.40	— 32	55	49	+ 6	W	6	c	*	55	48	0.05					
† Shields ...	29.92	50	SW	1	b	29.53	— 27	52	50	+ 2	SSW	7	b	2	42	46	0.04					
Spurn Head ...	30.00	49	SW	3	c	29.77	— 13	52	49	+ 1	SSW	5	b	3	42	47	0.04					
York ...	29.99	50	SW	1	b	29.70	— 21	50	52	+ 1	SSW	3	o	*	55	45	0.05					
Loughborough...	30.04	50	WSW	4	o	29.85	— 15	50	48	— 2	SW	6	cg	*	54	?	0.04					
† Ardrossan ...	29.84	49	SW	2	r	29.38	— 39	47	47	— 1	WSW	5	r	5	50	46	0.23					
† Mullaghmore ...	29.72	51	SW	5	r	29.45	— 40	47	44	— 1	WSW	7	cg	4	52	44	0.18					
Donaghadee ...	29.87	48	SSW	3	r	29.69	— 32	47	47	— 3	SW	5	c	4	52	46	0.26					
Parsonstown ...	29.86	55	SW	2	o	29.45	— 30	44	48	— 8	W	3	r	*	53	42	0.31					
Barrow-in-Furness	29.94	48	SSW	3	r	29.58	— 30	50	48	+ 1	SSE	6	r	4	50	47	0.07					
Holyhead ...	29.96	51	SSW	3	r	29.63	— 32	51	51	0	SW	6	cg	5	52	50	0.30					
Liverpool (Bishop)	29.98	52	SSW	3	r	29.77	— 21	52	49	+ 1	SSW	4	o	*	53	51	0.09					
Valencia ...	29.91	54	SSW	7	o	29.71	— 21	47	46	— 2	WSW	5	cg	4	52	44	0.24					
Roche's Point ..	30.00	53	WSW	5	r	29.71	— 32	49	49	— 4	WNW	6	r	5	55	47	0.45					
Pembroke ...	30.07	51	WSW	5	o	29.77	— 29	53	50	+ 1	SSW	7	o	7	53	51	0.08					
Scilly ...	30.18	56	SW	5	o	29.93	— 26	52	52	— 1	SW	7	o	6	56	51	0.04					
Prawle Point ...	30.23	52	SW	5	o	30.03	— 20	50	50	0	SSW	5	o	6	52	48	0.02					
Hurst Castle ...	30.22	52	SW	5	o	30.06	— 18	51	50	0	SW	6	cdm	5	52	50	0.02					
Dungeness ...	30.20	51	W	5	o	30.07	— 11	51	49	0	WSW	5	o	4	50	48	0.04					
London...	30.16	53	WSW	4	o	30.03	— 10	51	48	0	SW	3	o	*	55	50	0.04					
Oxford ...	30.12	54	SW	5	o	29.95	— 17	52	49	+ 1	SW	7	cg	*	54	51	—					
Cambridge ...	30.10	52	SW	1	o	29.93	— 12	52	49	+ 2	SW	2	o	*	55	48	—					
Yarmouth ...	30.09	53	W	3	c	29.95	— 08	51	50	+ 2	SW	4	cg	3	50	48	—					
The Helder ...	30.08	48	SW	3	b	29.99	— 00	48	47	+ 1	SW	5	c	3	48	47	—					
Cape Griz Nez...	30.19	50	WSW	7	o	30.09	— 10	50	48	0	WSW	7	o	5	52	48	—					
Jersey ...	30.20	52	SSW	3	o	30.14	— 16	49	49	— 2	SSW	4	cg	4	52	48	0.02					
Brest ...	30.02	50	WSW	3	o	30.15	— 18	52	49	+ 1	SW	7	o	5	54	50	—					
Lorient ...	30.38	51	WSW	4	m	30.23	— 16	50	49	— 2	SW	5	o	3	55	46	0.04					
Rochefort ...	30.49	49	WSW	3	o	30.39	— 10	43	41	— 5	S	4	c	2	55	37	—					
Biarritz ...	30.43	48	E	3	b	30.30	—	43	39		S	4	b	2	55	37	—					
Corunna ...	*	*	*	*	*																	
Brussels ...	*	*	*	*	*	29.98	— 25	48	46	+ 2	SW	1	o	*	50	?	0.04					
Charleville ...	29.35	47	SW	1	o	30.28	— 04	45	43	+ 2	SSW	5	o	*	42	41	0.04					
Paris ...	30.34	48	S	4	o	30.32	— 09	47	46	— 1	SW	1	o	*	*	*	—					
Lyons ...	30.50	42	NNW	1	b	30.46	— 07	30	30	— 6	E	1	f	*	48	29	—					
Toulon ...	30.41	51	Z	0	b	30.41	+ 06	46	44	— 4	Z	0	b	1	52	45	—					
Belmullet ...	29.68	51	SW	4	r	29.45	— 29	47	44	— 3	WNW	8	c	*	54	46	0.26					

## 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 General Printing Office, London.



# WEATHER

for 8 a.m. on

# CHARTS

Sunday 14<sup>th</sup> Dec<sup>r</sup>

1884.

## 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.

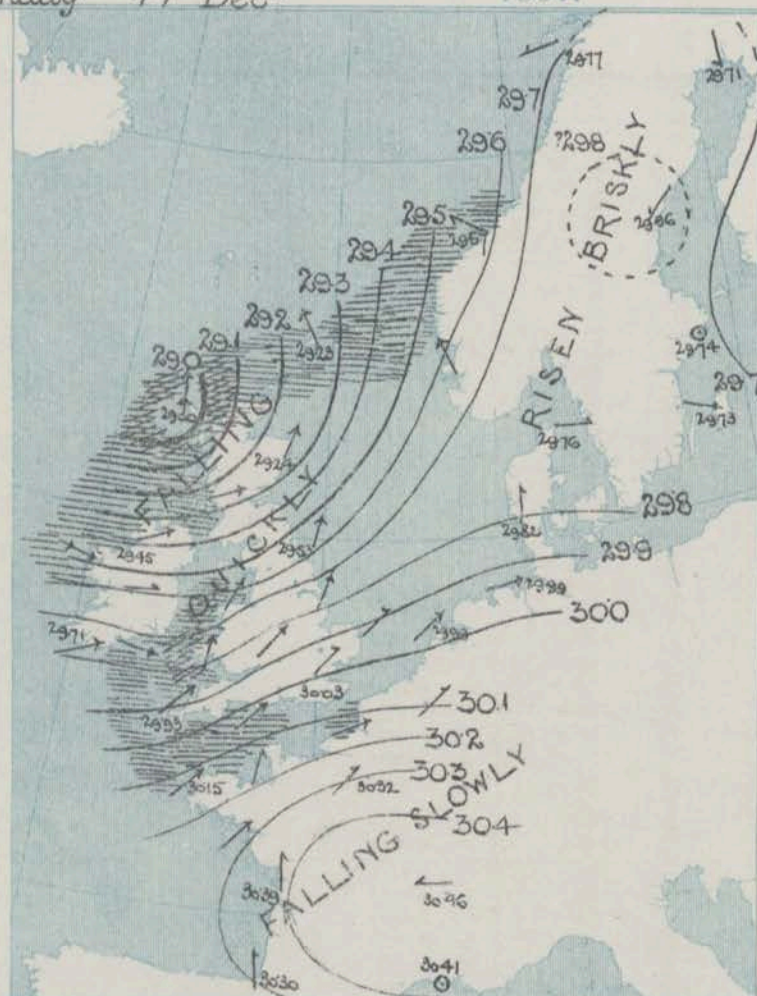
**Sea Disturbance** — where considerable is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.667
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.760
Leith	29.800
Shields	29.856
York	29.877
Ardrossan	29.810
Donaghadee	29.832
Ballyhead	29.866
Liverpool	29.882
Valencia	29.879
Roche's Point	29.889
Pembroke	29.897
Scilly	29.943
Burra Castle	29.968
Dover	29.942
LONDON	29.939
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902



## 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.

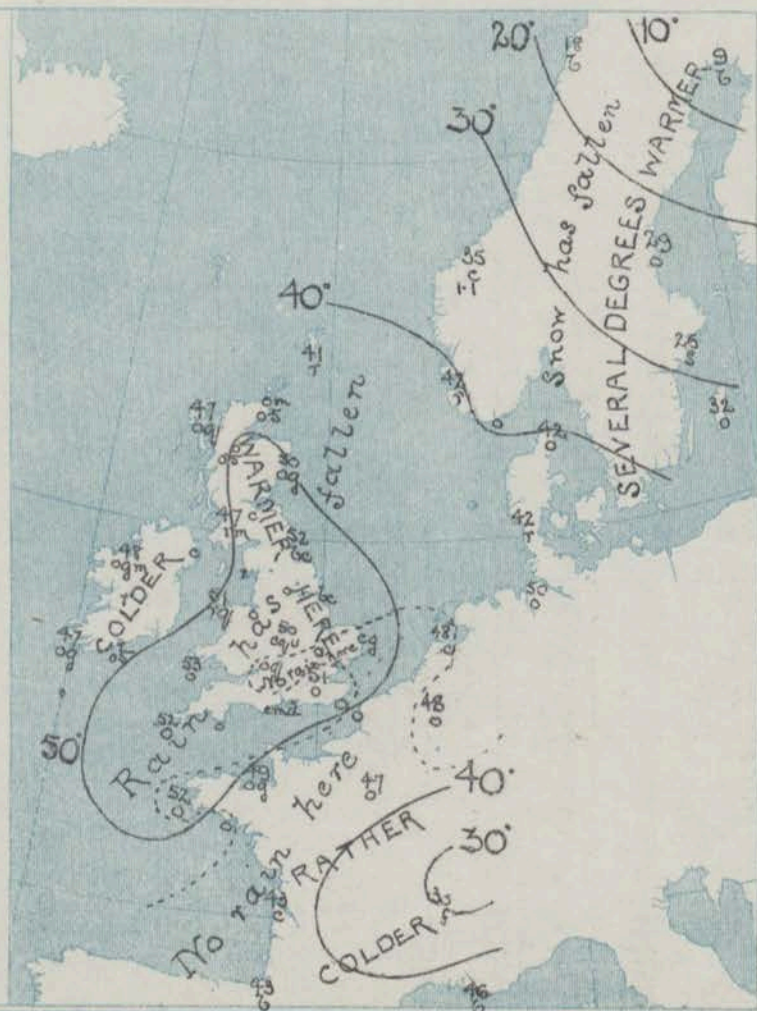
**Rainfall** A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.0	37.6	4.78
Stornoway	38.9	37.8	6.61
Wick	37.8	36.4	3.21
Nairn	36.9	36.4	2.01
Aberdeen	36.2	35.3	3.42
Leith	39.4	37.0	1.06
Shields	39.2	36.2	3.03
York	36.2	35.4	2.59
Ardrossan	40.1	38.3	4.17
Donaghadee	40.1	39.1	2.86
Ballyhead	42.9	41.3	9.03
Liverpool	39.7	37.4	2.89
Valencia	44.7	41.8	6.06
Roche's Point	42.2	41.4	4.89
Pembroke	43.7	42.8	4.26
Scilly	47.2	46.3	4.18
Burra Castle	40.6	39.9	2.06
Dover	40.0	38.8	3.61
LONDON	38.1	37.1	2.28
Oxford	37.3	36.6	2.78
Cambridge	36.3	36.6	2.02
Yarmouth	37.9	37.2	2.39

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1865—80.





# REMARKS.

for Sunday 14<sup>th</sup> December 1884. at 8 a.m.

In the course of the past twenty-four hours a new and deep depression has appeared off the Hebrides and the barometer is now falling at all but the Scandinavia stations - quickly in the north-west. The wind is W<sup>by</sup>N in Ireland, but SW<sup>by</sup>W or S<sup>by</sup>W in Great Britain and France and SE<sup>by</sup>E in the west of Norway. On our western and southern coasts it is strong in force, and at Stromsøy there is a strong gale from S. The weather is cloudy in most places and rain is falling at several of our western stations. In the course of the past twenty-four hours rain has fallen in nearly all parts of our islands. Temperature has fallen in Ireland and France, but risen several degrees elsewhere, and readings now range from 55° at Leith and 53° at Pembroke to 44° at Parsonstown and 41° in the Shetlands. The sea is high at Stromsøy and Pembroke, rough on several parts of our western and southern coasts.

## FORECASTS

for the 24 hours ending at NOON on 15<sup>th</sup> December. 1884.  
(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 south cone was hoisted last evening in districts 0, 6, 9, and 10.



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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Woa.	Sea.		Bar.	Dry.	Wet.	Wind.		Woa.	Sea.
Skudesnaes	29.50	46	42	WSW	6	0	5	Valencia	29.95	54	54	SSW	6	ong	6
Sumburgh Head	29.48	42	40	W	4	c	4	Scilly	30.19	54	50	WSW	5	0	6
Stornoway	29.57	43	41	SW	4	chp	4	Dungeness	30.18	52	51	W	4	c	?
Aberdeen	29.71	46	43	W	2	b	1	London	30.15	55	52	W	4	0	*
Shields	29.58	54	50	SW	7	b	2	Yarmouth	30.05	53	52	WSW	4	bc	3
Ardrossan	29.55	50	49	Z	0	0	2	Jersey	30.31	52	51	SW	4	b	4
Mullaghmore	29.77	51	49	WSW	3	0	6	Rochefort	30.45	52	51	S	3	c	2
Holyhead	30.40	57	51	SW	4	f	4								
Belmullet	29.53	52	50	W	4	0	4								

## REMARKS.

The barometer is beginning to fall again in the W. of Ireland, and the wind at Valencia is backing a little with a gloomy appearance and a rough sea. The south coast is still up at the Irish stations.



# DAILY WEATHER REPORT

for *Monday* 15<sup>th</sup> Dec<sup>r</sup> 1884.

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.		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 .....	29.88	3	N	2	B	29.80	+0.09	4	4	-5	N	2	0	*	10	1	-	
Hernösand ...	29.87	?	?	?	?	?	?	5	2	-24	2	0	0	*	?	-4	1.89	
Stockholm ...	29.70	31	ESE	2	S	29.21	-53	34	33	+8	WSW	2	0	*	?	23	0.28	
Wisby ...	29.73	33	SW	6	S	29.41	-32	41	39	+9	W	8	6c	*	43	28	0.47	
Bodö ...	29.69	21	ESE	6	B	29.44	-33	19	18	+1	E	8	0	*	21	12	-	
Christiansund ...	29.04	36	ESE	4	A	28.90	-67	40	35	+5	ESE	4	c	4	?	32	0.20	
†Skudesnaes ...	29.27	46	W	8	C	29.19	-45	44	39	+2	WSW	8	0	6	46	?	0.55	
Oxö (Klansund) ...	29.32	46	SW	8	A	29.29	-46	45	40	+6	WSW	9	c	6	46	87	1.06	
Skagen (The Skaw)	29.41	46	WSW	4	A	29.39	-37	41	39	-1	WSW	5	c	5	?	39	0.67	
Fanö ...	29.59	44	SW	6	A	29.61	-21	42	40	0	WSW	4	c	*	46	41	0.20	
Cuxhaven ...	29.92	45	SW	7	A	29.78	-21	41	41	-9	WSW	3	c	*	?	40	0.08	
†Sumburgh Head																		
†Stornoway ...	28.89	40	WSW	10	M/	29.13	+13	40	37	-7	WSW	7	6c/	6	47	37	0.21	
Wick ...	29.01	41	SW	6	B	29.09	-06	38	35	-7	WSW	6	6c	4	45	35	0.03	
Näirn ...	29.12	40	SW	6	C	29.21	+08	38	36	-15	SW	2	c	2	53	37	0.05	
†Aberdeen ...	29.25	39	WSW	4	B	29.30	+06	36	33	-14	SW	3	6	1	53	34	0.02	
Leith ...	29.42	41	SW	5	A	29.42	+02	40	35	-15	WSW	4	6c	*	55	35	0.35	
†Shields ...	29.55	44	W	5	B	29.52	-01	39	36	-13	SW	4	6m	2	54	37	-	
Spurn Head ...	29.70	44	WSW	4	6c	29.62	-15	38	38	-12	WSW	3	6c	2	52	37	0.15	
York ...	29.69	44	SW	1	6c	29.64	-06	35	35	-18	SW	1	6	*	55	35	0.20	
Loughborough...	29.78	44	W	4	O	29.69	-16	40	39	-10	W	1	0	*	53	39	0.25	
†Ardrossan ...	29.47	42	W	8	A	29.44	+06	43	42	-4	WSW	6	6c	5	50	38	0.02	
†Mullaghmore ...	29.60	42	W	8	cq/ha	29.55	+10	40	39	-8	WSW	6	op/ha	5	48	38	0.10	
Donaghadee ...	29.62	40	SW	4	B	29.54	+05	36	35	-11	SW	4	6	2	48	35	0.01	
Parsonstown ...	29.76	38	SW	1	6c	29.62	-03	35	34	-9	W	1	6	*	47	33	0.34	
Barrow-in-Furness	29.67	45	S	6	O	29.60	+02	43	40	-7	SW	3	cm	*	50	41	0.21	
†Holyhead ...	29.74	47	WSW	4	C	29.65	+02	42	40	-9	WSW	5	c	4	52	40	0.58	
Liverpool (Bidston)	29.73	44	WSW	4	B	29.65	-07	38	37	-14	SSW	2	6c	3	54	36	0.46	
†Valencia ...	29.79	47	WSW	6	og	29.82	+11	44	41	-8	WSW	6	6c/ha	6	50	41	0.23	
Roche's Point ..	29.82	46	W	4	6c	29.80	+09	41	38	-8	WSW	3	6c	4	50	40	0.18	
Pembroke ...	29.83	49	WSW	5	B	29.75	-02	47	41	-6	W	6	6c/	6	53	45	0.85	
†Scilly ...	29.92	50	W	5	C	29.85	-08	50	45	-2	WSW	5	0	5	53	47	0.12	
Prawle Point ...	29.92	48	W	4	O	29.83	-20	48	45	-2	W	3	0	4	54	44	0.18	
Hurst Castle ...	29.87	51	WSW	8	A	29.79	-27	49	48	-2	W	5	c	5	54	45	0.21	
†Dungeness ...	29.91	51	WSW	6	O	29.71	-36	49	49	-2	WSW	6	A	5	53	45	0.15	
†London...	29.83	51	SSW	5	ON	29.73	-30	48	47	-3	WSW	5	0	*	54	40	0.18	
Oxford ...	29.89	43	W	3	B	29.74	-21	46	45	-6	SW	2	og	*	52	40	0.22	
Cambridge ...	29.78	50	SW	2	A	29.80	-13	47	46	-5	WSW	2	0	*	53	36	0.16	
†Yarmouth ...	29.77	50	SW	5	A/	29.68	-27	46	45	-5	SW	4	c	4	52	38	0.14	
The Helder ...	29.78	47	SW	7	A	29.76	-23	45	44	-3	SW	4	0	3	48	43	0.16	
Cape Griz Nez...	29.92	49	WSW	9	A	29.78	-31	49	49	-1	SSW	7	A	5	52	46	-	
†Jersey ...	29.99	52	SW	6	O	29.86	-28	52	52	+3	W	3	A/	4	52	48	0.11	
Brest ...		53	WSW	7	O	29.92	-23	50	50	-2	NW	4	A	5	?	50	0.24	
Lorient ...	30.11	54	SW	3	O	29.95	-28	51	51	+1	WSW	7	A	5	54	46	0.39	
†Roche fort ...	30.29	48	S	4	O	30.23	-16	52	51	+9	SSW	5	0	2	52	43	-	
Biarritz ...	30.34	52	W	3	B	30.22	-08	45	43	+2	W	3	6	2	61	43	-	
Corunna ...	*	*	*	*	*									*				
Brussels ...	*	*	*	*	*									*				
Charleville ...	30.15	42	SW	1	O	30.04	-24	45	42	0	SW	4	0	*	47	40	0.16	
Paris ...	30.14	44	SW	4	O	30.01	-31	49	48	+2	S	3	A	*	*	*	-	
Lyons ...	30.33	40	SSE	1	B	30.30	-16	36	34	+6	S	1	6	*	45	?	-	
Toulon ...	30.38	48	SW	1	B	30.31	-10	50	48	+4	WSW	3	0	2	54	46	-	
Belmullet...	29.58	43	WSW	9	6c	29.58	+13	41	39	-6	WSW	9	0	*	47	38	0.40	

## 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).

Fred<sup>r</sup> Dangerfield Lith. London.



# WEATHER

for 8 a.m. on Monday

# CHARTS

15<sup>TH</sup> DECEMBER

1884.

## 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

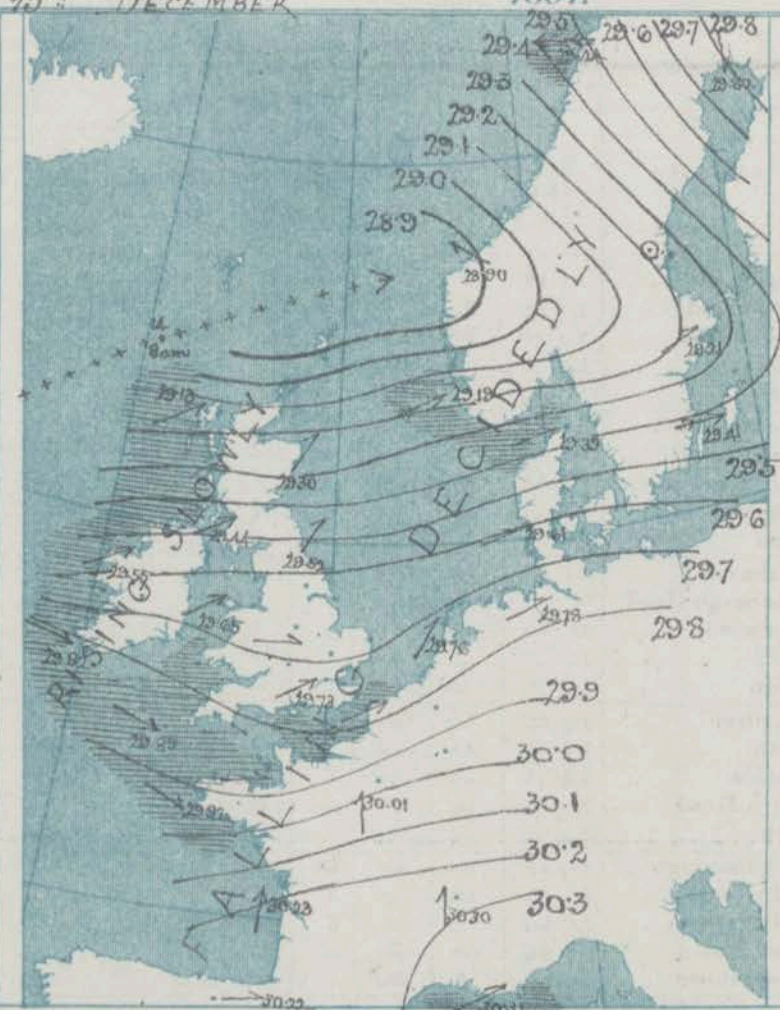
■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sunbury Head.	29.680
Stornoway.	29.701
Wick.	29.713
Nairn.	29.741
Aberdeen.	29.780
Leith.	29.800
Shields.	29.836
York.	29.877
Ardrossan.	29.810
Donaghadee.	29.832
Holyhead.	29.888
Liverpool.	29.882
Valencia.	29.879
Roche's Point.	29.889
Pembroke.	29.897
Scilly.	29.943
Hurst Castle.	29.936
Dover.	29.942
LONDON.	29.934
Oxford.	29.937
Cambridge.	29.956
Yarmouth.	29.902



## 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.

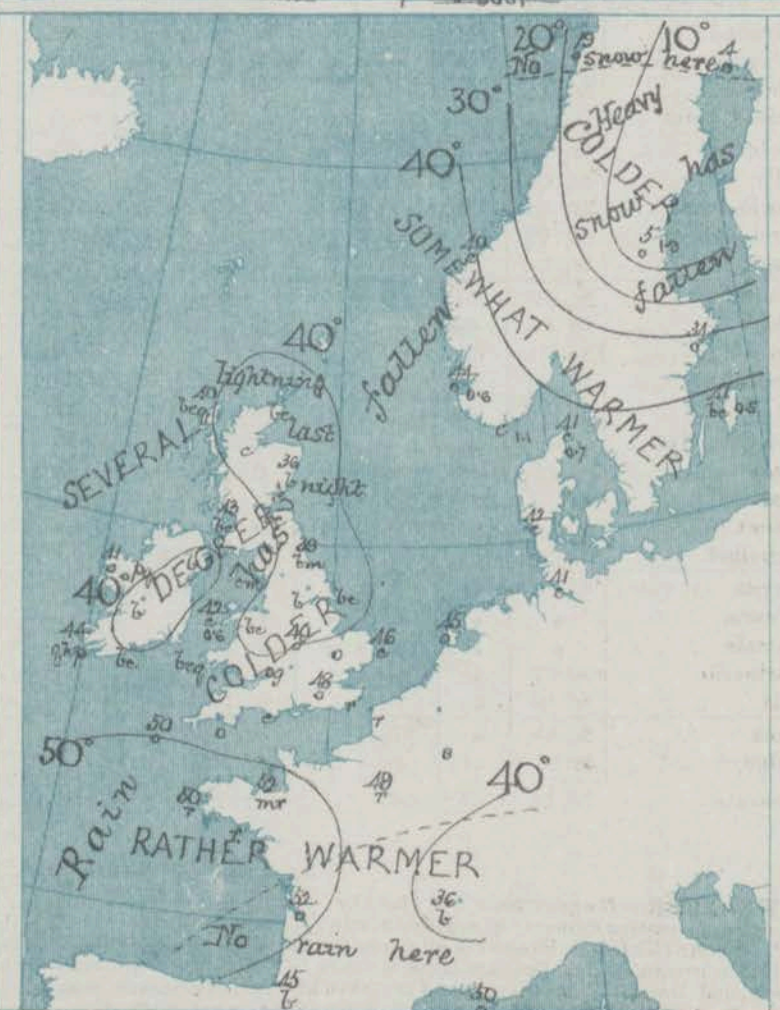
**Rainfall** A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunbury Head.	39.0	37.6	4.13
Stornoway.	38.8	37.8	5.61
Wick.	37.8	36.4	3.21
Nairn.	36.9	35.4	2.01
Aberdeen.	36.8	35.3	3.42
Leith.	38.4	37.0	1.96
Shields.	39.2	38.9	3.03
York.	36.2	35.4	2.69
Ardrossan.	40.1	38.3	4.17
Donaghadee.	40.1	39.1	2.85
Holyhead.	42.9	41.3	4.03
Liverpool.	39.7	37.4	2.89
Valencia.	44.7	41.8	6.06
Roche's Point.	42.9	41.4	4.89
Pembroke.	43.7	42.6	4.26
Scilly.	47.2	45.3	4.18
Hurst Castle.	40.6	39.8	2.98
Dover.	40.0	38.8	3.51
LONDON.	38.1	37.1	2.28
Oxford.	37.3	36.6	2.19
Cambridge.	36.3	35.6	2.02
Yarmouth.	37.8	37.2	2.99

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for Monday 15<sup>th</sup> December. 1884, at 8 a.m.

The deep depression which lay off the Hebrides yesterday morning has travelled away to the west of Norway, and a slight increase of pressure has taken place on our western and northern coasts. Elsewhere, however, the barometer still falls and over the southern part of our Islands there are indications of some shallow subsidiary depressions. Fresh or strong winds from the W<sup>nd</sup> or SW<sup>nd</sup> are reported at most stations, but at Bodd and Christiansund the wind draws into SE. or E. A whole gale from W. was experienced in the north of Scotland yesterday, while fresh or strong gales from the same quarter blew on some parts of our north-west coast. The weather is cloudy and rainy at our southern and the French stations, but in the north although showers are still reported locally the sky has cleared. Since yesterday morning rain has fallen generally. Lightning was seen last night in the north and east of Scotland, as well as at Mallesmore. Temperature has risen a little in France, but fallen several degrees in our Islands, and reading now range from 50° at Scilly to 35° at York and Parsonstown. The sea is rough on our western, southern and extreme northern coasts.

Conditions are still favourable for the advance of further depressions from the Atlantic, and the slight rise of the barometer which is at present taking place in the west will probably be succeeded by a fresh fall before long.

The Chief Signal Officer at Washington U.S. telegraphs that at 4 pm on the 8<sup>th</sup> Inst. in Lat 40 N. Long 49 W. with the barometer at 29.4 ins.; there was a fresh gale from SW. shifting to W.

# FORECASTS

for the 24 hours ending at NOON on 16<sup>th</sup> December 1884.

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

## DISTRICTS.

## FORECASTS.

## DISTRICTS.

## FORECASTS.

0 { SCOTLAND NORTH  
W<sup>nd</sup> or SW<sup>nd</sup> strong winds and gales, unsettled, showery.

1 { SCOTLAND EAST  
SW<sup>nd</sup> winds, moderate to strong, fair to unsettled and some rain

2 { ENGLAND N.E.  
-----D<sup>c</sup>-----D<sup>c</sup>-----D<sup>c</sup>-----

3 { ENGLAND EAST  
Same as No 5

4 { MIDLAND COUNTIES  
Same as No 5

5 { ENGLAND SOUTH  
W<sup>nd</sup> and SW<sup>nd</sup> winds, fresh or strong; changeable, showery

6 { SCOTLAND WEST  
SW<sup>nd</sup> winds, strong, perhaps a gale, fair to unsettled and some rain.

7 { ENGLAND N.W.  
-----D<sup>c</sup>-----D<sup>c</sup>-----D<sup>c</sup>-----

8 { ENGLAND S.W.  
W<sup>nd</sup> to SW<sup>nd</sup> strong winds or gales, squally, showery.

9 { IRELAND NORTH  
-----D<sup>c</sup>-----D<sup>c</sup>-----D<sup>c</sup>-----

10 { IRELAND SOUTH  
-----D<sup>c</sup>-----D<sup>c</sup>-----D<sup>c</sup>-----

## WARNINGS

The S. cone was hoisted on Saturday or last evening in districts 0 to 2 and 6 to 10.



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

YEASTERDAIS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.54	45	42	SSE	8	af	6	Valencia							
Sumbargh Head								Scilly							
Stornoway								Dungeness							
Aberdeen								London					*		
Shields								Yarmouth							
Ardrossan								Jersey							
Mullaghmore								Rochefort	30.30	48	46	SSE	4	bc	2
Holyhead															

## REMARKS.

### Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 7<sup>th</sup> to the 16<sup>th</sup> December 1884.

During the past week the weather over western Europe has remained in an exceedingly unsettled condition; the wind has been strong and gusty from SW. or W., rain has fallen every day and temperature over England & Ireland has been very high for the time of year.

The type of distribution has again been Southwesterly or westerly, and while the highest pressures have been located over the south of France numerous large depressions have skirted our extreme western & northwestern coasts in a northeasterly or an easterly direction. As a rule these disturbances, although of considerable size, have not been very deep, but on Wednesday the 10<sup>th</sup> a cyclonic system of some intensity passed along the west coast of Ireland and Scotland occasioning fresh to strong Southwesterly gales on many parts of our west and northwest coasts. In the south the weather has been influenced by some small depression subsidiary to the larger disturbances in the north. Most of these have travelled in an easterly direction across Ireland and England, and on several occasions - notably the nights of the 7<sup>th</sup> & 10<sup>th</sup> - the wind in the Channel has blown a moderate to fresh gale from SW. or W. On Tuesday a shallow depression appeared to the southward of our islands & moved eastwards to Germany. During its passage the wind on our south coasts lulled completely, but in the west of France a strong gale from SW. veering to NW. was experienced.

At the close of the week there were no indications of any improvement in the weather. The barometer was falling briskly in the west, the wind was backing generally & temperature remained high.



# DAILY WEATHER REPORT

for *Fries day* 16<sup>th</sup> Dec<sup>r</sup> 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, 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.		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 .....	29.72	24	NE	4	0	29.70	- 10	5	5	+ 1	NE	2	0	*	7	-24	-	
Hernösand ...	29.45	22	NE	6	5	29.51	?	19	18	+ 14	NE	4	0	*	25	?	0.24	
Stockholm ...	29.28	29	Z	0	5	29.39	+ 18	24	22	- 10	NNE	2	0	*	36	?	0.08	
Wisby ...	29.38	36	WSW	6	5	29.38	- 03	36	?	- 5	W	4	0	*	41	30	0.08	
Bodö ...	29.37	16	E	9	60	29.32	- 12	16	14	- 3	E	8	6	*	?	?	-	
Christiansund ...	28.85	36	SE	4	0	28.96	+ 06	40	34	0	SE	5	0	5	41	36	-	
Skudesnaes ...	29.20	43	WSW	8	0	29.28	+ 09	44	40	0	W	7	0	5	45	43	0.15	
Oxö (Xilansund) ...	29.28	40	W	7	5	29.31	+ 02	41	39	- 4	WSW	7	0	5	45	36	0.16	
Skagen (The Skaw)	29.34	38	W	6	60	29.40	+ 01	37	36	- 4	SW	5	6	4	41	36	0.12	
Fanö ...	29.49	38	WSW	2	6	29.60	- 01	38	35	- 4	W	4	cph	*	43	36	0.28	
Cuxhaven ...	29.59	41	WNW	3	5	29.76	- 02	40	40	- 1	W	4	60	*	44	39	0.18	
Sumburgh Head	29.23	36	W	7	cph	29.38	+ 25	35	34	- 5	SW	4	cph	4	41	33	0.16	
Stornoway ...	29.17	38	W	7	0	29.37	+ 28	34	32	- 4	W	4	60	4	39	32	0.02	
Wick ...	29.17	38	W	7	0	29.37	+ 28	34	32	- 4	W	4	60	4	39	32	0.02	
Nairn ...	29.28	35	WSW	2	0	29.43	+ 22	35	34	- 3	WSW	2	onshp	2	43	29	0.09	
Aberdeen ...	29.33	35	WSW	3	6	29.48	+ 18	34	32	- 2	WSW	4	8	1	37	32	-	
Leith ...	29.46	36	WSW	3	5	29.58	+ 16	39	36	- 1	W	3	cp	*	40	34	0.26	
Shields ...	29.54	39	WSW	5	6	29.70	+ 18	40	37	+ 1	SW	4	0	2	43	34	-	
Spurn Head ...	29.65	40	W	5	6	29.86	+ 24	36	35	- 2	SW	5	6	2	42	35	-	
York ...	29.64	39	W	3	6	29.86	+ 22	36	34	+ 1	SW	2	6	*	43	35	0.01	
Loughborough...	29.75	38	WSW	3	6	29.96	+ 27	36	33	- 4	WSW	4	6	*	43	35	-	
Ardrossan ...	29.50	42	W	5	60	29.63	+ 19	41	40	- 2	WSW	6	60	5	47	36	0.17	
Mullaghmore ...	29.70	40	WNW	7	60	29.71	+ 16	43	40	+ 3	W	6	cph	5	43	37	0.23	
Donaghadee ...	29.66	35	W	5	6	29.74	+ 20	36	36	0	W	4	60	2	39	33	-	
Parsonstown ...	29.85	36	WNW	1	6	29.87	+ 25	36	35	+ 1	SSW	1	7	*	41	34	0.07	
Barrow-in-Furness	29.65	41	WNW	4	60	29.78	+ 18	44	40	+ 1	SW	8	60	3	44	40	0.02	
Holyhead ...	29.77	42	W	6	60	29.88	+ 23	44	40	+ 2	WNW	5	60	5	45	40	-	
Liverpool (Bidston)	29.72	41	W	7	60	29.88	+ 23	40	36	+ 2	SW	3	6	3	43	38	0.03	
Valencia ...	29.94	42	WNW	4	0	29.90	+ 08	46	45	+ 2	WSW	4	opu	6	48	39	0.08	
Roche's Point ..	29.91	40	WNW	4	6	29.94	+ 14	40	38	- 1	WSW	2	6	4	46	36	-	
Pembroke ...	29.86	46	W	6	60	29.97	+ 22	46	42	- 1	WSW	5	60	5	47	43	0.01	
Scilly ...	29.97	48	WNW	6	00	30.06	+ 21	46	43	- 4	SW	4	0	5	50	43	0.03	
Prawle Point ...	29.96	42	WNW	2	60	30.10	+ 27	39	37	- 4	WNW	2	6	3	48	36	-	
Hurst Castle ...	29.90	43	WNW	3	6	30.08	+ 29	41	39	- 8	W	4	6	4	51	36	-	
Dungeness ...	29.83	43	WNW	3	6	30.07	+ 36	34	33	- 15	WNW	2	6	2	50	34	0.02	
London...	29.83	39	W	2	6	30.05	+ 32	33	32	- 5	SW	2	6	*	48	32	-	
Oxford ...	29.87	38	W	3	6	30.05	+ 31	34	33	- 12	SSW	2	6	*	46	32	-	
Cambridge ...	29.97	38	W	1	6	30.10	+ 30	32	31	- 15	SW	1	6	*	47	31	-	
Yarmouth ...	29.72	39	W	4	60	29.97	+ 29	34	33	- 12	W	3	60	3	46	32	-	
The Helder ...																		
Cape Griz Nez...	29.80	46	WSW	7	0	30.05	+ 27	41	41	- 8	W	5	6	4	52	41	-	
Jersey ...	29.97	47	WNW	3	00	30.13	+ 27	43	42	- 9	WNW	2	60	3	52	42	0.55	
Brest ...	30.05	48	WNW	4	0	30.12	+ 20	44	43	- 6	E	3	0	5	52	43	0.35	
Lorient ...	30.03	48	W	5	0	30.17	+ 22	41	40	- 10	SE	4	60	4	55	37	0.24	
Rocheport ...	30.09	54	SW	8	5	30.23	00	41	40	- 11	E	3	0	2	55	36	0.24	
Biarritz ...	30.14	54	SW	4	60	30.13	- 09	50	48	+ 5	S	3	0	2	61	43	0.04	
Corunna ...	*	*	*	*	*													
Brussels ...	*	*	*	*	*	30.07		36	35		WSW	1	6	*	49	36	0.67	
Charleville ...	*	*	*	*	*	30.09	+ 05	37	31	- 8	SW	3	0	*	48	30	?	
Paris ...	29.95	48	S	3	5	30.20	+ 19	39	38	- 10	S	4	0	*	*	*	0.39	
Lyons ...	30.11	46	S	5	0	30.16	- 14	42	42	+ 6	W	1	5	*	50	?	-	
Toulon ...																		
Belmullet ...	29.75	41	WNW	7	0	29.72	+ 14	43	42	+ 2	WSW	4	0	*	44	35	0.23	

## 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).

Fred. Dangerfield Lith. London.



# WEATHER CHARTS

For 8 a.m. on Tuesday, 16<sup>th</sup> DECEMBER

1884.

## 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.

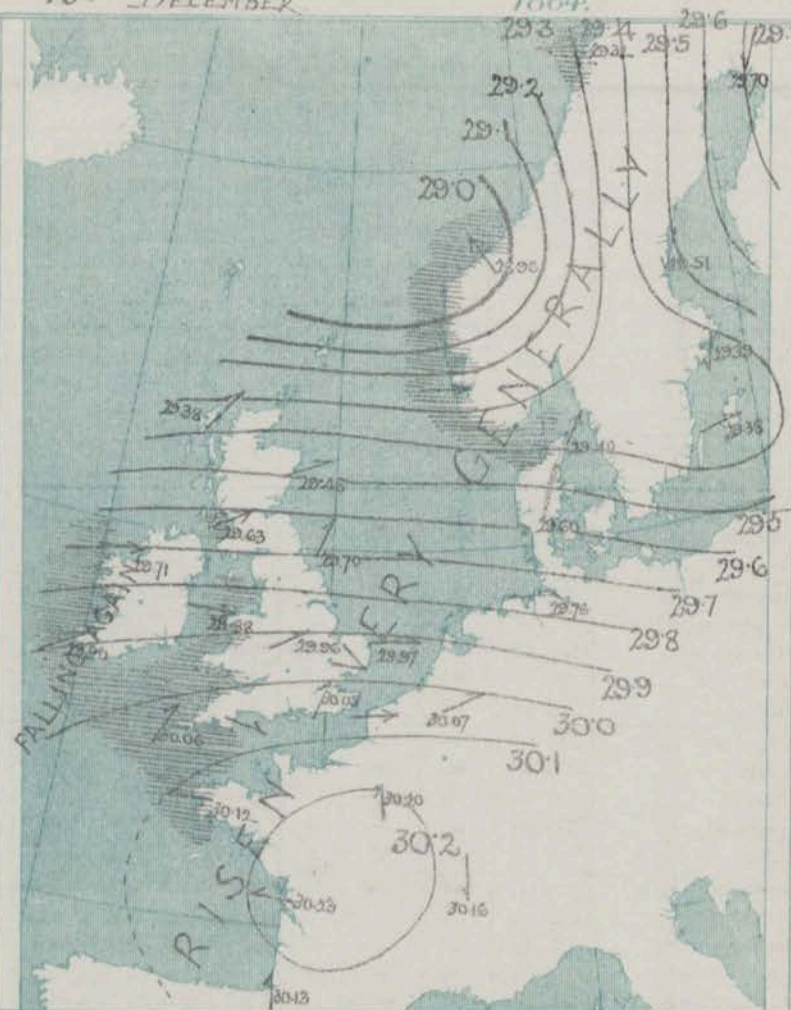
**Sea Disturbance**—where considerable is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.640
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.750
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.810
Donaghadee	29.832
Holyhead	29.838
Liverpool	29.882
Valencia	29.879
Roche's Point	29.889
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.938
Dover	29.942
LONDON	29.934
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902



## 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.

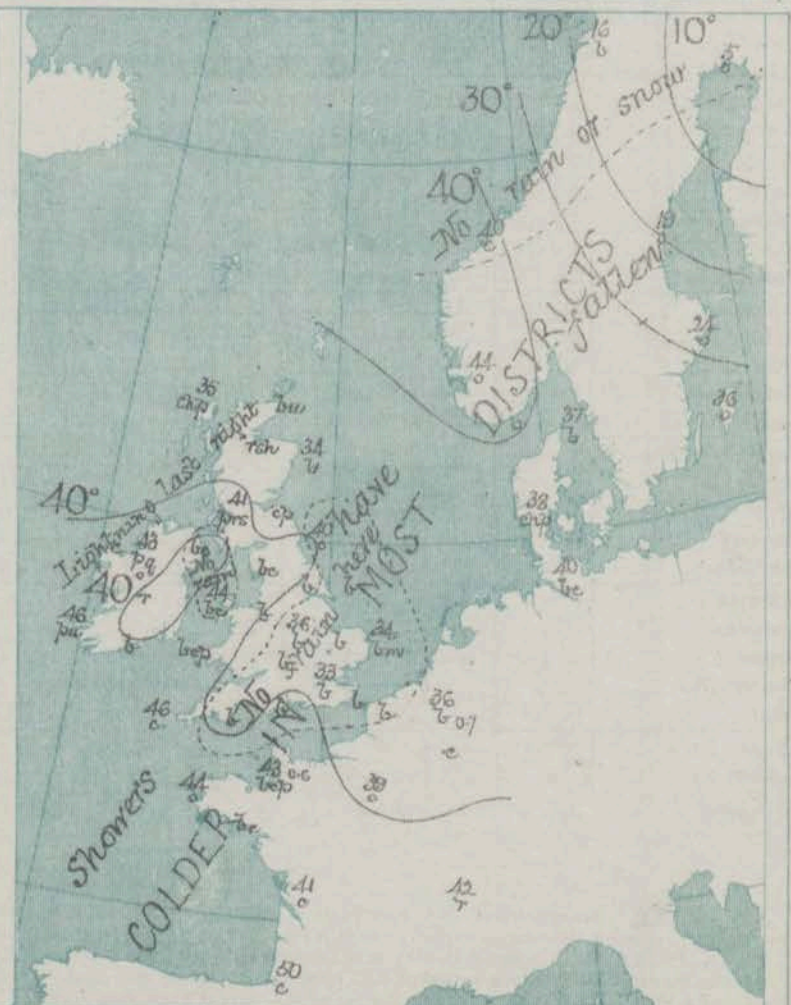
**Rainfall**. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.0	37.6	4.13
Stornoway	38.9	37.8	5.61
Wick	37.8	36.4	3.21
Nairn	36.9	35.4	2.01
Aberdeen	36.9	35.3	3.42
Leith	38.4	37.0	1.05
Shields	39.2	36.9	3.03
York	38.2	35.4	2.54
Ardrossan	40.1	38.3	4.17
Donaghadee	40.1	39.1	2.85
Holyhead	42.9	41.3	4.03
Liverpool	39.1	37.4	2.88
Valencia	44.7	41.8	6.05
Roche's Point	42.9	41.4	4.88
Pembroke	43.7	42.6	4.26
Scilly	47.2	45.3	4.18
Hurst Castle	40.6	38.9	2.86
Dover	40.0	38.8	3.51
LONDON	38.1	37.1	2.28
Oxford	37.3	36.6	2.19
Cambridge	36.3	35.6	2.02
Yarmouth	37.8	37.2	2.88

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

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

1884. at 8 a.m.

The depression which lay to the northward of Scotland yesterday is now found near Christiansund, and the barometer is rising at all but our extreme western stations, where a new fall has set in during the night. The highest pressures are still reported from the French stations. The wind after rising to W. or NW. generally, has again backed to the SW on nearly all our coasts; in force it is moderate or fresh in most places, but at some of our north-western stations strong breezes are blowing. The weather is showery in Ireland and Scotland, and overcast in Scandinavia, but fine in England and the north of France. In the course of the past 24 hours showers have fallen in many parts of the Kingdom. Lightning was seen last night at Wick, Ardrossan, and Mullaghmore. Temperature has fallen several degrees in the south-east of England, and readings now range from 46° at Valencia, Limerick and Seilly to 32° at Cambridge. Frost occurred at many of our inland stations last night. The sea is rather rough on several parts of our western coasts.

The falling barometer in the west and the backing wind appear to indicate the approach of a new depression.

## FORECASTS

for the 24 hours ending at NOON on 17<sup>th</sup> December 1884.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	SW <sup>th</sup> winds, increasing in force; squally, showery.	6 { SCOTLAND WEST	Same as N <sup>os</sup> 0 and 1.
2 { SCOTLAND EAST	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	7 { ENGLAND N.W.	Same as N <sup>os</sup> 0 and 1.
3 { ENGLAND N.E.	SW <sup>th</sup> winds, fresh or strong; fair to squally and showery.	8 { ENGLAND S.W.	SW <sup>th</sup> winds, increasing in force; fair to squally and rainy.
4 { ENGLAND EAST	Same as N <sup>o</sup> 5	9 { IRELAND NORTH	SW <sup>th</sup> winds, strong; unsettled, some rain.
5 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5	10 { IRELAND SOUTH	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
6 { ENGLAND SOUTH	SW <sup>th</sup> winds, freshening; fair at first, less settled later, probably some rain.	WARNINGS	The south coast is still up in districts 7. and 8.



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

RESIDENTIALS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.20	44	38	WSW	8	0	6	Valencia	29.88	44	41	WNW	5	bcgthp	6
Sumburgh Head	28.82	42	39	W	9	osrp	8	Scilly	29.90	47	44	WNW	5	c	6
Stornoway	29.19	40	37	W	7	cqthp	6	Dungeness	29.77	46	44	WNW	3	c	3
Aberdeen	29.81	37	35	WSW	3	6	1	London	29.75	47	42	WSW	5	0	*
Shields	29.48	41	38	WSW	5	6	2	Yarmouth	29.66	43	42	WNW	3	cm	3
Ardrossan	29.47	39	39	W	5	6	4	Jersey	29.88	46	44	WNW	3	0	3
Mullaghmore	29.64	42	38	W	7	cqth	6	Rochefort	30.12	53	52	SW	8	0.	4
Holyhead	29.71	43	39	WSW	5	6c	5								
Belmullet	29.67	39	38	W	5	A	*								

## REMARKS.

The barometer continues to fall on the east coast of England, as well as at Rochefort, but is rising a little elsewhere. Fresh or strong W winds prevail generally, with rain at Belmullet and hail showers at Stornoway, Mullaghmore, and Valencia. The sea is rough on our west and south-west coasts.



# DAILY WEATHER REPORT

for *Wednesday 17<sup>th</sup> December 1884.*

*Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, 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 .....	29.72	-7	NE	2	b	29.72	+ .02	5	5	0	NE	2	b	•	5	-26	—		
Hernösand ...	29.54	14	N	2	s	29.61	+ .10	17	17	- 2	Z	0	o	•	23	10	0.04		
Stockholm ...	29.53	23	ENE	2	o	29.54	+ .15	30	30	+ 6	Z	0	f	•	30	24	0.05		
Wisby ...	29.49	38	VV	6	r	29.53	+ .15	38	38	+ 2	W	4	o	•	43	20	0.04		
Bodö ...	29.24	15	E	8	b	29.28	- .04	20	17	+ 4	E	8	c	•	?	16	—		
Christiansund ...	29.06	41	SW	3	b	29.20	+ .24	39	39	- 1	S	2	bc	4	41	34	—		
† Skudesnaes ...	29.39	42	WSW	6	o	29.28	- .00	37	37	- 7	SE	6	r	5	?	?	—		
Oxö (Ålansund) ...	29.47	39	NNW	2	o	29.37	+ .06	37	37	- 4	ESE	1	o	4	41	34	0.28		
Skagen (The Skaw)	29.54	38	W	6	bc	29.45	+ .05	38	37	+ 1	SW	5	r	4	41	26	0.08		
Fanö ...	29.11	41	WSW	4	bc	29.49	- .11	39	38	+ 1	WSW	6	c	•	41	37	0.08		
Cuxhaven ...	29.87	37	WNW	3	o	29.68	- .08	35	35	- 5	SSW	2	c	•	41	33	—		
† Sumburgh Head	29.18	29	W	6	bc	29.12	+ .02	36	35	- 3	WSW	4	o	5	42	31	0.23		
† Stornoway ...	29.37	24	WSW	4	bcps	29.27	- .41	35	35	0	WNW	5	srpg	4	38	28	0.22		
Wick ...	29.36	24	WSW	4	b	29.23	- .14	32	32	- 1	WSW	4	c	2	35	30	—		
Nairn ...	29.42	24	Z	0	b	29.29	- .14	32	31	- 3	WSW	3	b	2	39	30	—		
† Aberdeen ...	29.47	24	WSW	2	b	29.30	- .15	30	30	- 4	WSW	1	b	1	37	28	—		
Leith ...	29.54	37	SW	2	r	29.38	- .20	33	30	- 6	W	1	c	•	40	30	0.47		
† Shields ...	29.63	41	SW	2	bm	29.42	- .28	34	33	- 6	WSW	2	b	2	44	33	—		
Spurn Head ...	29.76	39	SSW	4	bc	29.45	- .41	37	37	+ 1	W	4	c	2	41	35	0.08		
York ...	29.73	39	SW	3	b	29.47	- .39	24	33	- 2	WSW	1	bc	•	43	34	0.15		
Loughborough...	29.82	40	SW	5	b	29.54	- .12	36	35	- 0	WSW	3	bc	•	43	35	0.17		
† Ardrossan ...	29.50	40	SW	4	o	29.44	- .19	36	36	- 5	WSW	3	orcp	2	46	33	0.40		
† Mullaghmore ...	29.61	38	WSW	5	chug	29.55	- .13	36	35	- 7	NN	5	chug	4	40	35	0.50		
Donaghadee ...	29.63	39	SW	3	b	29.54	- .20	32	32	- 4	NNW	2	b	0	40	31	—		
Parsonstown ...	30.11	38	SSW	1	o	29.70	- .17	31	31	- 5	WSW	1	b	•	41	31	0.29		
Barrow-in-Furness	29.65	42	WSW	4	o	29.47	- .31	38	35	- 6	NN	4	c	•	44	37	0.21		
† Holyhead ...	29.70	46	SW	6	og	29.57	- .21	39	36	- 5	NNW	6	og	6	47	38	0.04		
Liverpool (Bidston)	29.71	41	SSW	4	o	29.50	- .38	38	35	- 2	W	6	c	5	46	37	0.02		
† Valencia ...	29.77	42	WNW	5	ogp	29.79	- .11	40	38	- 6	NN	5	ogp	5	48	37	0.31		
Roche's Point ..	29.98	42	WSW	4	c	29.75	- .19	35	35	- 5	NN	5	frsp	4	47	35	0.25		
Pembroke ...	29.77	47	WSW	7	T	29.64	- .33	42	38	- 4	W	7	bcg	6	48	41	0.40		
† Scilly ...	29.87	49	SW	5	o	29.79	- .27	46	43	- 0	NNW	8	ogp	7	49	43	0.31		
Prawle Point ...	29.92	45	SSW	5	T	29.74	- .36	39	38	- 0	W	5	c	5	47	36	0.69		
Hurst Castle ...	29.92	47	SW	4	b	29.67	- .41	39	39	- 2	NNW	5	bc	4	49	37	0.22		
† Dungeness ...	29.98	44	WSW	2	r	29.59	- .48	41	40	+ 7	NNW	3	bc	4	47	34	0.08		
† London ...	29.94	40	S	2	o	29.59	- .46	38	37	+ 5	W	3	b	•	46	38	0.11		
Oxford ...	29.85	39	SSW	3	o	29.60	- .45	37	36	+ 3	WSW	4	c	•	43	34	0.13		
Cambridge ...	29.88	36	S	1	b	29.54	- .41	38	37	+ 6	W	1	c	•	42	30	0.12		
† Yarmouth ...	29.88	38	SW	3	c	29.50	- .47	39	39	+ 5	W	4	ogm	4	41	32	0.15		
The Helder ...	29.90	42	SW	4	b	29.50	- .46	36	35	- 5	S	4	c	3	43	36	—		
Cape Griz Nez...	29.97	45	W	5	b	29.57	- .48	44	42	+ 3	W	7	bc	5	46	37	0.04		
† Jersey ...	29.98	45	S	3	bc	29.76	- .37	45	42	+ 2	NNW	6	cp	5	48	41	0.07		
Brest ...	29.95	47	S	5	b	29.88	- .24	47	42	+ 3	NN	7	o	5	48	43	0.12		
Lorient ...	30.00	45	SSE	5	T	29.91	- .26	47	43	+ 4	NN	7	bc	4	55	39	0.16		
† Rochefort ...	30.04	46	SE	5	T	29.95	- .28	48	45	+ 7	NN	7	o	4	62	41	0.79		
Biarritz ...	30.01	55	E	4	c	29.95	- .8	58	56	+ 8	S	4	c	2	61	?	—		
Corunna ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Brussels ...	•	•	•	•	•	29.61	- .46	37	35	+ 1	SSW	1	b	•	48	36	—		
Charleville ...	30.11	37	W	1	c	29.67	- .42	35	33	- 2	W	1	r	•	44	33	0.04		
Paris ...	30.12	29	S	4	bc	29.75	- .45	39	38	- 0	S	4	bc	•	•	•	0.12		
Lyons ...	30.15	39	N	1	b	29.83	- .33	47	44	+ 5	S	8	o	•	?	37	0.04		
Toulon ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Bamuellet ...	29.63	38	WNW	•	c	29.64	- .08	37	36	- 6	NNW	5	s	•	44	34	0.23		

## 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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† 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> Dec<sup>r</sup>

1884.

## 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.

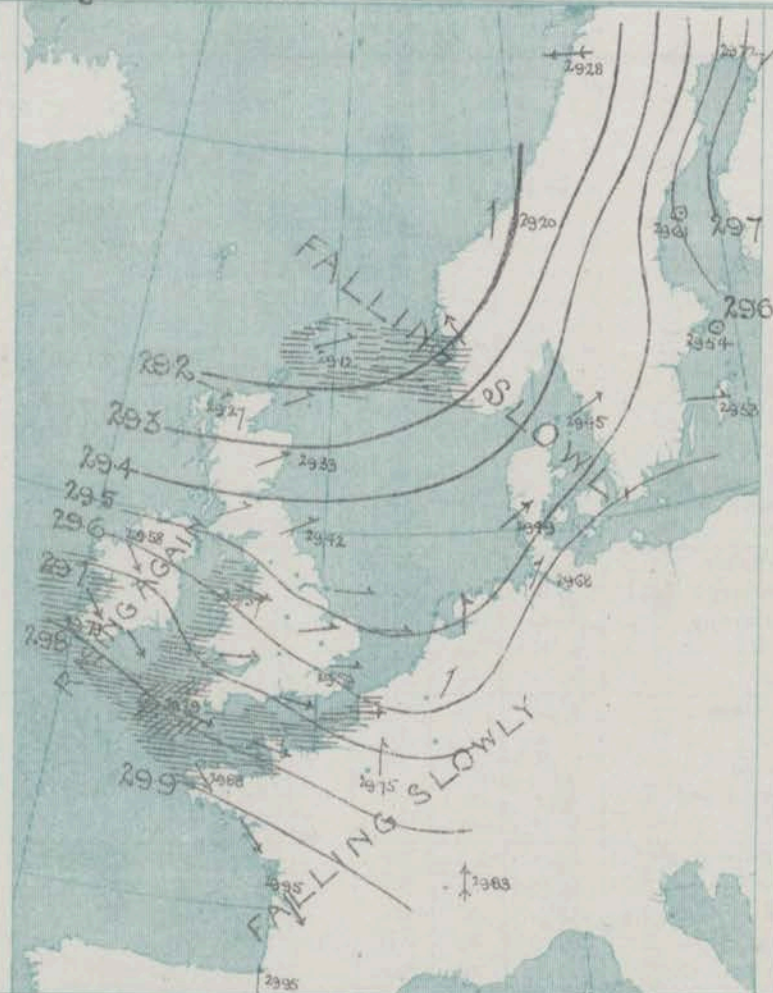
**Sea Disturbance** — where considerable is shown thus

■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.600
Stornoway	29.701
Wick	29.718
Nairn	29.741
Aberdeen	29.760
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.840
Donaghadee	29.832
Holyhead	29.838
Liverpool	29.882
Valencia	29.879
Roches Point	29.889
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.938
Dover	29.942
LONDON	29.939
Oxford	29.937
Cambridge	29.926
Yarmouth	29.909



## 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.

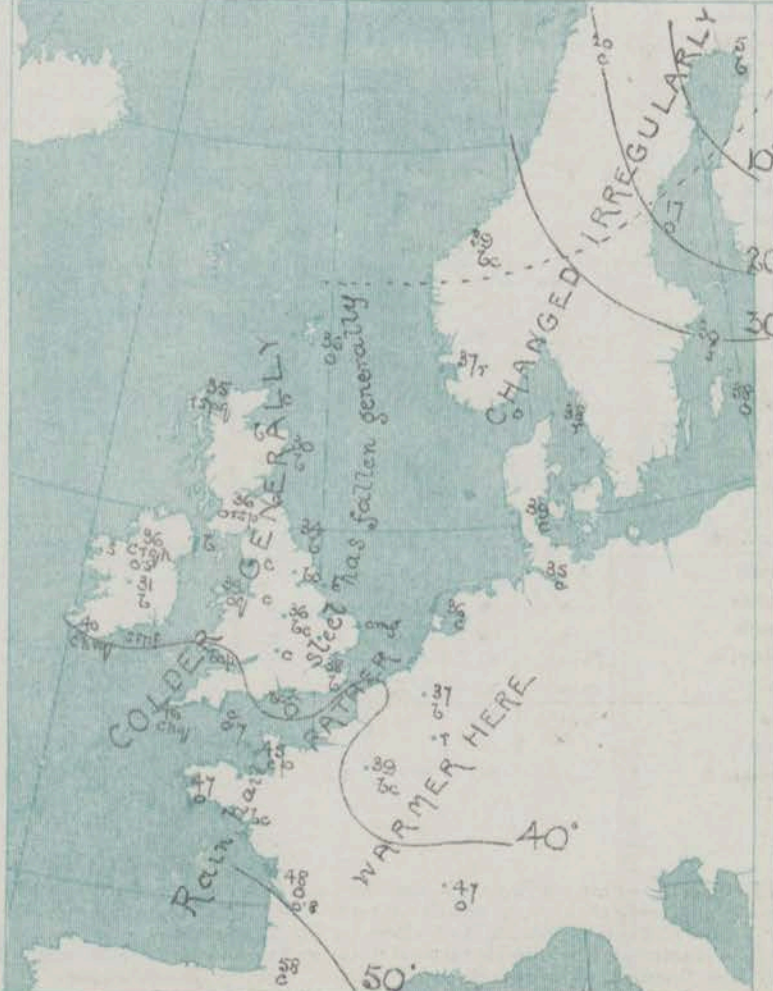
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb	
Sumburgh Head	39.0	37.6	4.38
Stornoway	36.9	37.8	6.61
Wick	37.8	36.4	3.21
Nairn	36.9	35.4	2.01
Aberdeen	38.3	35.3	3.92
Leith	38.4	37.0	1.96
Shields	39.2	36.9	2.03
York	36.2	35.4	2.64
Ardrossan	40.1	38.3	4.77
Donaghadee	40.1	39.1	2.85
Holyhead	42.9	41.3	4.03
Liverpool	39.7	37.4	2.89
Valencia	44.7	41.8	6.06
Roches Point	42.2	41.4	4.88
Pembroke	43.7	42.6	4.26
Scilly	47.2	45.3	4.18
Hurst Castle	40.6	38.9	2.98
Dover	40.0	38.8	3.61
LONDON	38.1	37.1	2.28
Oxford	37.3	36.6	2.19
Cambridge	36.3	35.6	2.02
Yarmouth	37.9	37.2	2.99

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.





for Wednesday 17<sup>th</sup> November 1884, at 8 a.m.

The winds are consequently Northwesterly, and Westerly over the United Kingdom and France, but Southwesterly & Southeasterly on the eastern shores of the North Sea. In force they are moderate except on our south west coast and in the Bay of Biscay, where they blow strongly. Temperature is rather low generally, showers of cold rain or sleet have fallen except in the far north, and while fine weather is now reported in the east and southeast, squalls of sleet and hail still prevail in the west. The sea is rough on our northern, western and south western coasts, high at Scilly, moderate in the southeast, smooth in the northeast.

The barometer is now rising in the southwest, and although some showers are still probable in most places, the weather appears to be improving slowly.

for the 24 hours ending at NOON on 18<sup>th</sup> December 1884.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.		FORECASTS.	
0	SCOTLAND NORTH	<i>N<sup>W</sup> or S<sup>W</sup> winds, moderate or fresh; changeable, some snow or sleet showers.</i>	
1	SCOTLAND EAST	-----D-----D-----D-----	
2	ENGLAND N.E.	-----D-----D-----D-----	
3	ENGLAND EAST	<i>Same as N<sup>o</sup> 5</i>	
4	MIDLAND COUNTIES	<i>Same as N<sup>o</sup> 5</i>	
5	ENGLAND SOUTH	<i>N<sup>W</sup> winds, fresh or strong; fair on the whole, but some cold showers.</i>	
6	SCOTLAND WEST		<i>Same as N<sup>os</sup> 0 to 2</i>
7	ENGLAND N.W.		<i>Same as N<sup>os</sup> 0 to 2.</i>
8	ENGLAND S.W.		<i>N<sup>W</sup> strong winds or gales; changeable, showery.</i>
9	IRELAND NORTH		<i>N<sup>W</sup> or N<sup>W</sup> winds, fresh or strong; changeable, showery.</i>
10	IRELAND SOUTH	-----D-----D-----D-----	
WARNINGS		<i>The South Cone was hoisted last evening in districts 5 and 8.</i>	



# 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	29.79	41	38	WSW	8	ors	6	Valencia	29.81	45	44	WNW	4	cghrps	5
Sumburgh Head	29.18	40	36	W	6	c	7	Scilly	29.95	46	45	SW	5	o	5
Stornoway	29.10	37	35	W	4	csp	3	Dungeness	30.04	46	42	W	2	bc	2
Aberdeen	29.49	36	35	WSW	3	b	1	London	30.00	46	41	SSW	3	cm	*
Shields	29.68	44	40	SW	3	bc	2	Yarmouth	29.94	41	39	WSW	4	bc	3
Ardrossan	29.61	43	41	SW	5	a	5	Jersey	30.06	46	43	SW	3	c	3
Mullaghmore	29.62	42	40	SW	5	cm	5	Rochefort	30.15	49	46	ESE	4	c	2
Holyhead	29.79	47	42	SW	6	ca	5								

## REMARKS.

The barometer has fallen a little in most places, but the winds are not materially changed. Showers of snow are falling at Stornoway and hail at Valencia, but elsewhere the weather is fair. The sea is rather rough on the west coast, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Thurs day* 18<sup>th</sup> Dec<sup>r</sup> 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, 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 .....	29.81	-8	Z	0	0	29.80	+08	4	4	-1	SE	2	0	*	5	-11	-					
Hernösand .....	29.66	27	SE	2	S	29.71	+10	25	24	+8	E	4	0	*	28	10	0.16					
Stockholm .....	29.52	34	Z	0	0	29.59	+05	29	29	-1	Z	0	0	*	34	21	-					
Wisby ...	29.60	35	SW	4	bc	29.52	-01	35	35	-3	E	2	0	*	43	32	0.04					
Bodö .....	29.37	19	E	9	S	29.37	+09	23	21	+3	ENE	6	0	*	?	18	-					
Christiansund ...	29.23	33	ESE	3	b	29.25	+05	35	30	-4	ESE	2	b	4	?	30	-					
† Skudesnaes ...	29.20	34	Z	0	0	29.29	+01	43	40	+6	WSW	7	0	5	?	34	-					
Oxö (Klansund) ...	29.25	38	SSE	8	n	29.43	+06	39	37	+2	SSE	2	0	4	41	37	0.51					
Skagen (The Skaw)	29.37	39	SSW	4	0	29.47	+02	38	37	0	SSE	3	c	2	39	37	0.04					
Fanö ...	29.36	35	NW	5	A	29.58	+09	38	38	-1	WNW	6	n	*	39	34	0.28					
Cuxhaven ...	29.47	37	WSW	2	A	29.71	+03	40	40	+5	W	4	A	*	40	?	0.12					
† Sumburgh Head	28.99	43	W	5	c	29.18	+06	41	39	+5	W	6	0	6	43	34	0.38					
† Stornoway ...	29.51	39	WNW	7	bcq	29.16	-11	40	40	+5	SSW	5	nq	5	40	32	0.18					
Wick ...	29.31	37	NW	7	bc	29.21	-02	36	35	+3	W	4	bc	4	38	30	0.14					
Nairn ...	29.51	36	WSW	2	b	29.29	-00	35	34	+3	Z	0	bc	1	38	31	0.19					
† Aberdeen ...	29.45	37	W	4	b	29.41	+08	34	33	+4	SSW	5	S	1	39	27	0.02					
Leith ...	29.61	34	W	1	bc	29.41	+05	36	33	+3	WSW	3	0	*	37	31	-					
† Shields ...	29.56	36	WSW	4	b	29.58	+16	38	36	+4	SSW	4	om	2	38	32	-					
Spurn Head ...	29.62	37	WNW	5	b	29.77	+32	37	36	0	SSW	5	0	3	38	34	-					
York ...	29.65	35	W	1	b	29.74	+27	36	34	+2	S	1	0	*	40	33	-					
Loughborough...	29.75	33	WSW	3	b	29.87	+33	36	34	0	SSW	5	sq	*	38	33	0.02					
† Ardrossan ...	29.67	39	WNW	4	bcq	29.44	-00	44	43	+8	SW	4	odp	4	45	34	0.22					
† Mullaghmore ...	29.85	39	NW	5	bc	29.48	-10	46	45	+10	WSW	6	om	5	47	35	0.13					
Donaghadee ...	29.81	34	W	2	bc	29.51	-03	40	40	+8	WSW	5	0	3	40	30	0.30					
Parsonstown ...	29.95	33	WNW	1	b	29.64	-06	47	45	+16	W	2	og	*	47	29	0.05					
Barrow-in-Furness	29.72	38	NW	6	n	29.61	+14	41	40	+3	S	7	n	2	41	36	0.23					
† Holyhead ...	29.84	40	NW	6	cq	29.65	+08	49	48	+10	SSW	6	0	6	49	39	0.27					
Liverpool (Bidston)	29.75	40	W	6	b	29.73	+23	39	38	+1	SSW	3	n	2	41	36	0.01					
† Valencia ...	30.03	40	NW	4	bc	29.76	-03	51	48	+11	WSW	6	dgm	6	52	38	0.19					
Roche's Point ..	30.00	38	WNW	4	bc	29.76	+01	50	50	+15	WSW	6	op	5	51	34	0.25					
Pembroke ...	29.91	41	WNW	5	bc	29.77	+13	50	50	+8	SW	6	n	6	50	39	0.14					
† Scilly ...	29.99	45	WNW	8	c	29.99	+20	51	50	+5	SW	6	n	6	51	39	0.10					
Prawle Point...	29.96	36	WNW	4	bc	30.02	+28	46	45	+7	SSW	5	ou	6	46	33	0.03					
Hurst Castle ...	29.86	36	WNW	4	b	30.03	+36	44	42	+5	WSW	6	n	4	47	34	0.01					
† Dungeness ...	29.77	35	NW	3	b	30.05	+46	36	34	-5	WNW	2	bc	2	47	32	-					
† London...	29.80	36	WNW	3	bc	29.99	+40	37	34	-1	S	2	0	*	41	31	-					
Oxford ...	29.89	33	W	3	b	29.95	+35	36	34	-1	S	3	ogd	*	40	31	-					
Cambridge ...	29.75	34	W	1	b	29.93	+39	34	33	-4	W	1	b	*	41	28	0.01					
† Yarmouth ...	29.66	34	WNW	4	bc	29.91	+41	33	32	-6	WSW	3	bc	3	39	30	-					
The Helder ...	29.59	39	WNW	4	0	29.86	+36	42	39	+6	WNW	3	0	3	45	36	0.28					
Cape Griz Nez...	29.99	43	W	7	bc	30.02	+45	39	39	-5	W	5	b	4	50	39	0.24					
† Jersey ...	29.91	43	WNW	7	bcq	30.13	+37	45	43	0	SW	4	og	5	46	39	0.08					
Brest ...	30.04	45	NW	7	0	30.17	+29	49	46	+2	W	5	0	4	?	39	0.08					
Lorient ...	30.05	46	NW	8	bc	30.25	+34	46	43	+1	W	4	c	4	50	39	-					
† Rochefort ...	30.11	50	NW	8	0	30.35	+40	39	37	-9	Z	0	0	2	57	34	0.08					
Biarritz ...	30.20	34	NW	5	c	30.36	+41	49	48	-9	E	3	c	2	59	46	0.32					
Corunna ...	*	*	*	*	*	30.06	+45	35	34	-2	SW	1	bc	*	43	34	0.04					
Brussels ...	*	*	*	*	*	30.09	+42	31	30	-4	W	4	0	*	?	27	-					
Charleville ...	29.76	37	W	4	0	30.09	+42	31	30	-4	W	4	0	*	?	27	-					
Paris ...	29.86	40	SW	3	b	30.22	+47	35	33	-4	SSW	4	b	*	*	*	0.04					
Lyons ...	30.06	41	N	1	bc	30.22	+39	32	31	-15	WNW	4	b	*	47	32	0.28					
Toulon ...	29.92	50	WSW	1	f	29.92	-14	37	37	-10	WNW	7	b	5	?	36	0.04					
Belmullet ...	29.88	37	WNW	5	b	29.46	-18	45	44	+8	SSW	7	c	*	48	35	0.39					

## 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).

Fred. Dangereux Ltd. London.



# WEATHER CHARTS

for 8 a.m. on *Thursday* 18<sup>TH</sup> DECEMBER 1884.

## BAROMETER, WIND & SEA.

(Explanation of Map)

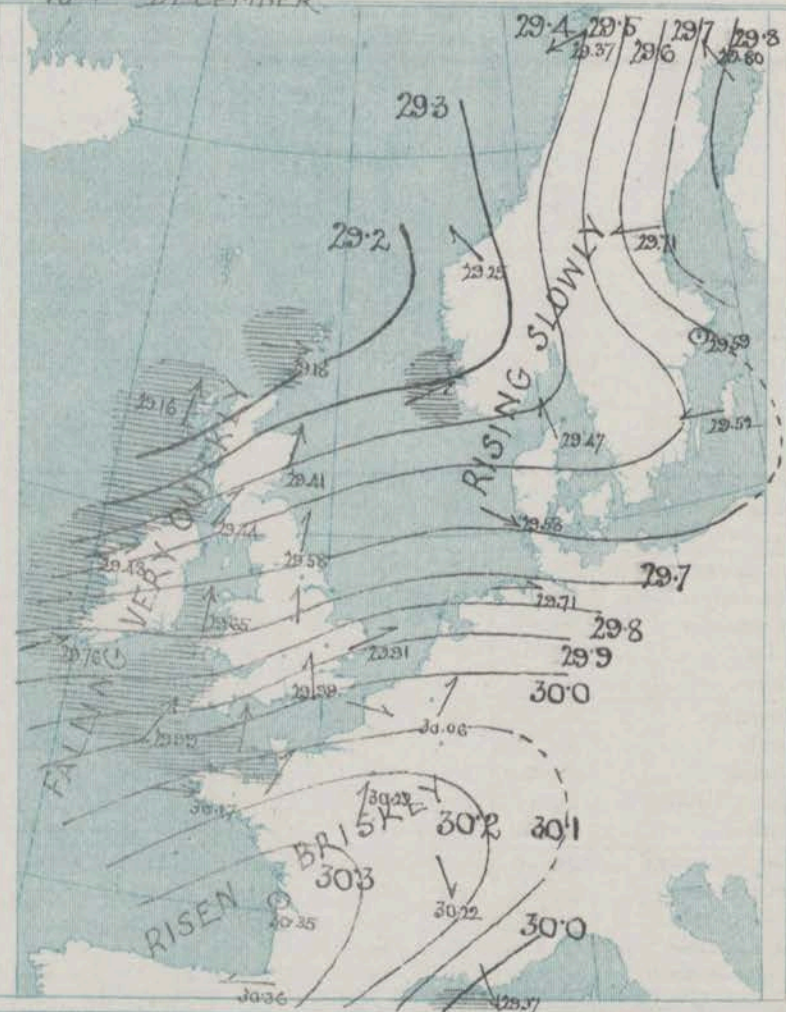
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — forces above 10, \* — forces 8 to 10,  
 — — forces 5 to 7,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

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

## MEAN HEIGHT of the BAROMETER

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

STATIONS	MEAN READINGS
Sunbury Head	29.680
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.750
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.870
Donaghadee	29.832
Holyhead	29.858
Liverpool	29.882
Valencia	29.879
Roche's Point	29.888
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.938
Dover	29.942
LONDON	29.934
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902



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

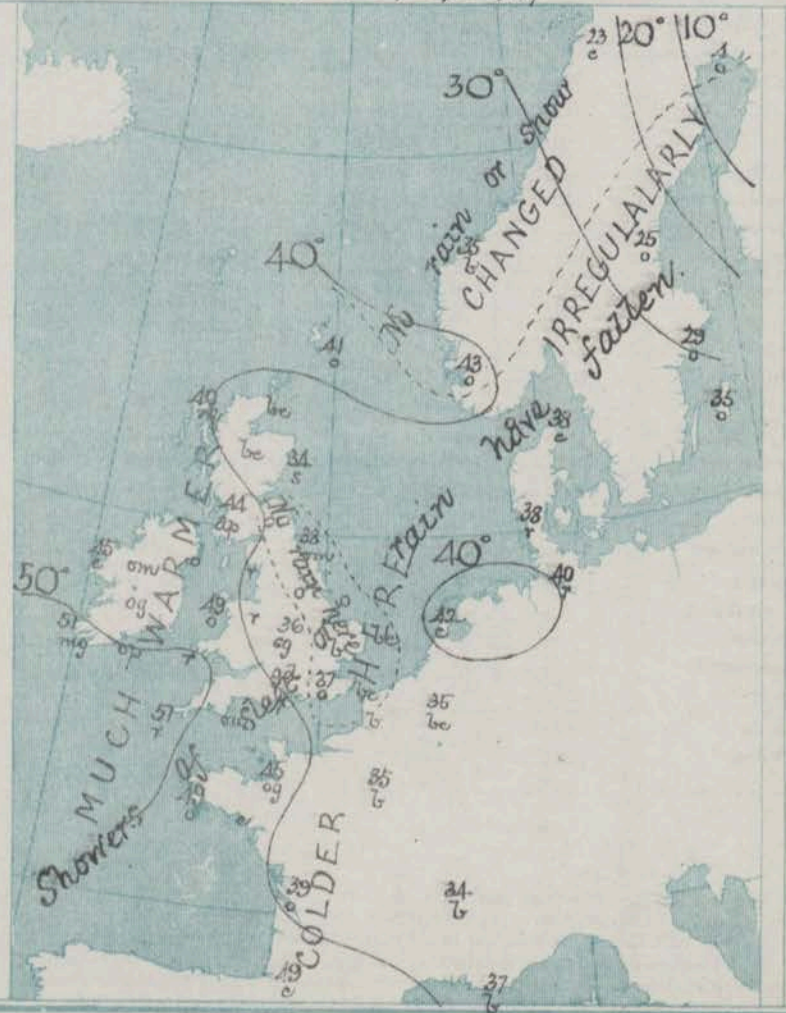
**Temperature** — Isotherms are drawn for each 10° Changes since previous morning are stated in words.  
**Weather** — is shown by Letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more,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

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb	
Sunbury Head	39.0	37.6	4.13
Stornoway	38.3	37.6	6.61
Wick	37.8	36.4	3.21
Nairn	36.9	36.4	2.01
Aberdeen	36.3	35.3	3.42
Leith	38.4	37.0	1.95
Shields	39.2	38.9	3.03
York	36.2	35.4	2.54
Ardrossan	40.1	38.3	4.17
Donaghadee	39.1	38.1	2.85
Holyhead	42.9	41.3	4.03
Liverpool	39.1	37.4	2.89
Valencia	44.7	41.8	6.05
Roche's Point	42.9	41.4	4.89
Pembroke	43.7	42.8	4.26
Scilly	47.2	46.3	4.18
Hurst Castle	40.6	39.9	2.96
Dover	40.0	38.8	3.51
LONDON	38.1	37.1	2.28
Oxford	37.3	36.6	2.19
Cambridge	36.3	35.6	2.02
Yarmouth	37.9	37.2	2.39

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.





# REMARKS.

for Thursday 18<sup>th</sup> December, 1884, at 8 a.m.

The small shallow depressions which were reported over various parts of our Islands and the North Sea yesterday have all passed away to the eastward, but in the course of the night a rapid fall of the barometer has set in on our west and north-west coasts, and a rather deep depression appears to be approaching the west of Scotland. The wind after veering to the NW<sup>W</sup> generally has backed to SW again, and on our western coasts it is increasing in force. During last evening a whole gale from NW was experienced at Wick. The weather is fair at some of our Eastern and South Eastern stations, as well as in France, but cloudy elsewhere, with snow at Aberdeen and Loughborough, and rain on many parts of our western coasts. Showers of sleet hail or cold rain fell yesterday at several of the western and northern stations. Temperature has risen several degrees in Ireland and the west of England, and readings now range from 51° at Valencia and Sicily to 32° at Aberdeen and Cambridge. Frost occurred in most places last night. The sea is rough on our western, south-western, and extreme northern coasts.

The depression which is advancing towards the west of Scotland, will probably occasion gales on many parts of our western and northern coasts.

## FORECASTS

for the 24 hours ending at NOON on 19<sup>th</sup> December, 1884.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW <sup>W</sup> to W <sup>W</sup> winds, increasing to a gale; unsettled, some cold rain or sleet.	6 { SCOTLAND WEST	SW <sup>W</sup> to W <sup>W</sup> strong winds or gales; unsettled, showery.
1 { SCOTLAND EAST	-----D°-----D°-----D°-----	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	W <sup>W</sup> strong winds or gales; squally, showery.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	SW <sup>W</sup> winds, fresh or strong; changeable, some showers. Turning warmer.	WARNINGS	The south cone is still up in district 8, and has been hoisted this morning in district 0 1 6 7 9 10 and part of 2.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.23	38	36	W	4	0	5	Valencia	29.94	43	41	WN	5	o q a p	5
Sumburgh Head	28.99	40	39	W	5	1	5	Scilly	29.89	43	41	WN	8	o q	6
Stornoway	29.41	88	87	WN	6	bc h p	5	Dungeness	29.64	42	39	WN	3	bc	3
Aberdeen	29.36	36	34	W	3	bc	1	London	29.66	41	37	W	4	bc	*
Shields	29.48	36	32	WN	4	6	2	Yarmouth	29.54	38	37	WN	4	bc m	4
Ardrossan	29.53	39	37	WN	4	0	3	Jersey	29.81	44	41	WN	7	bc	6
Mullaghmore	29.73	40	37	WN	6	cha q	5	Rochefort	30.05	51	47	WN	8	bc	3
Holyhead	29.70	40	37	WN	6	c q	6								
Belmullet	29.78	39	36	WN	5	bc	2								

## REMARKS.

The barometer is falling in the Shetlands and also at Skudesnaes, but rising elsewhere - most on our west coasts. W<sup>4</sup> or NW<sup>4</sup> winds prevail generally, and at Scilly there is a fresh gale. Showers of rain are falling on the west coasts of Ireland and Scotland, but elsewhere the weather is fine. The sea is rough in the W. and extreme N.



# DAILY WEATHER REPORT

for *Friday* 19<sup>th</sup> Dec<sup>r</sup> 1884.

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 10 P. 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 8 P. M. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Direc.	Force. (0 to 12)		Max.	Min.				
Haparanda .....	29.73	12	SE	2	0	29.61	- 19	10	10	+ 6	SE	4	0	•	12	-11	0.04		
Hernösand ...	29.92	32	SE	2	0	29.39	- 32	31	31	+ 6	S	2	0	•	32	23	-		
Stockholm ...	29.52	28	Z	0	5	29.34	- 25	32	31	+ 3	NE	2	0	•	34	27	-		
Wisby ...	29.50	34	SE	4	0	29.39	- 13	34	34	- 1	S	2	0	•	45	32	0.12		
Bodö ...	29.26	27	ENE	6	0	29.10	- 27	29	26	+ 6	ENE	4	0	2	?	21	-		
Christiansund ...	29.01	38	SW	6	0	28.93	- 32	40	34	+ 5	SE	5	0	3	?	34	0.04		
†Skudesnaes ...	29.10	40	S	8	1	28.93	- 36	39	37	- 4	ENE	4	1	5	43	39	0.24		
Oxö (Klansund) ...	29.25	40	S	6	0	28.86	- 57	36	35	- 3	N	4	1	4	39	36	0.67		
Skagen (The Skaw)	29.38	39	S	4	0	28.90	- 57	38	37	0	S	4	0	3	39	34	0.16		
Fanö ...	29.26	39	S	6	1	29.07	- 51	41	39	+ 3	hsh	7	0	•	43	37	0.43		
Cuxhaven ...	29.53	37	SW	7	1	29.31	- 40	39	39	- 1	SW	4	0	•	41	37	0.18		
†Sumburgh Head	28.93	40	SW	4	0	28.85	- 33	39	38	- 2	W	4	0	4	42	36	0.19		
†Stornoway ...	29.00	38	SW	4	0	28.79	- 37	38	38	- 2	SSW	2	0	2	42	35	0.14		
Wick ...	29.05	36	Z	0	0	28.81	- 40	36	34	0	Z	0	0	0	38	32	-		
Nairn ...	29.05	36	W	3	0	28.91	- 38	37	36	+ 2	SW	1	0	1	39	30	0.10		
†Aberdeen ...	29.07	35	SSW	1	0	28.98	- 43	34	33	0	SSW	3	0	1	37	31	-		
Leith ...	29.15	38	WSW	5	1	29.06	- 35	36	36	+ 3	N	5	0	•	42	34	0.23		
†Shields ...	29.25	41	SW	6	0	29.16	- 42	41	39	+ 3	SW	4	0	2	46	36	0.02		
Spurn Head ...	29.36	43	W	6	0	29.31	- 46	39	39	+ 2	WSW	4	0	3	43	30	0.15		
York ...	29.37	43	WSW	6	0	29.28	- 46	42	39	+ 6	N	6	0	•	45	34	0.07		
Loughborough...	29.54	41	WSW	6	1	29.42	- 45	39	37	+ 3	WSW	5	0	•	49	35	0.38		
†Ardrossan ...	29.23	40	W	6	0	29.11	- 33	43	41	- 1	WSW	6	0	5	45	37	0.82		
†Mullaghmore ...	29.36	44	WNW	8	cq/p	29.33	- 15	45	42	- 1	N	8	0	7	47	39	0.57		
Donaghadee ...	29.36	36	W	5	0	29.26	- 25	38	37	- 2	N	6	0	4	43	34	0.21		
Parsonstown ...	29.56	39	WNW	4	0	29.53	- 11	42	39	- 5	WNW	8	0	•	47	38	0.31		
Barrow-in-Furness	29.38	43	WSW	7	0	29.31	- 30	43	40	+ 2	N	6	0	3	47	39	0.30		
†Holyhead ...	29.49	44	N	6	0	29.45	- 20	43	40	- 6	N	7	0	6	50	42	0.20		
Liverpool (Bidston)	29.43	43	WSW	7	0	29.37	- 36	42	39	+ 3	N	7	0	5	50	39	0.13		
†Valencia ...	29.67	47	N	8	0	29.72	- 04	47	?	- 4	N	7	0	7	52	42	0.24		
Roche's Point ..	29.67	46	WNW	5	1	29.68	- 08	43	41	- 7	WNW	5	0	4	52	45	0.24		
Pembroke ...	29.62	50	N	8	0	29.60	- 17	46	42	- 4	N	8	0	8	52	40	0.08		
†Scilly ...	29.86	52	W	8	0	29.82	- 17	51	48	0	WNW	9	0	7	53	47	0.09		
Prawle Point ...	29.83	50	W	6	0	29.75	- 27	45	42	- 1	N	7	0	7	51	40	0.62		
Hurst Castle ...	29.76	49	WSW	7	0	29.67	- 36	42	40	- 2	WNW	6	0	5	50	39	0.31		
†Dungeness ...	29.72	50	WSW	6	0	29.57	- 48	40	39	+ 4	WNW	4	0	4	50	32	0.21		
†London ...	29.65	48	WSW	6	0	29.55	- 44	41	38	+ 4	WSW	6	0	•	50	37	0.16		
Oxford ...	29.64	43	WNW	5	1	29.54	- 41	40	38	+ 4	N	5	0	•	50	36	0.34		
Cambridge ...	29.58	44	SW	3	0	29.48	- 45	39	36	+ 5	SW	2	0	•	49	33	0.13		
†Yarmouth ...	29.53	44	W	6	0	29.41	- 50	37	36	+ 4	WNW	6	0	4	45	30	0.11		
The Helder ...	29.47	42	SW	7	0	29.31	- 55	42	40	0	WNW	4	0	4	45	41	0.24		
Cape Griz Nez...	29.70	48	SW	9	1	29.47	- 55	44	40	+ 5	WNW	9	0	7	50	39	0.12		
†Jersey ...	29.94	51	N	8	0	29.83	- 30	46	44	+ 1	WNW	8	0	7	51	45	0.18		
Brest ...	30.05	53	WNW	7	0	29.97	- 20	51	48	+ 2	WNW	7	0	5	54	48	-		
Lorient ...	30.11	53	WNW	8	0	30.03	- 22	51	49	+ 5	WNW	8	0	7	54	43	0.08		
†Rochefort ...	30.26	51	WSW	7	0	30.15	- 20	53	51	+ 14	W	9	0	4	54	?	-		
Biarritz ...	30.33	52	N	3	0	30.29	- 07	54	50	+ 5	W	5	0	3	59	?	0.16		
Corunna ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Brussels § ...	•	•	•	•	•	29.47	- 59	43	42	+ 8	WSW	7	0	•	44	?	0.59		
Charleville ...	30.01	36	WSW	4	0	29.65	- 44	43	41	+ 12	WSW	7	0	•	45	29	0.32		
Paris ...	30.10	39	S	4	1	29.80	- 42	46	44	+ 11	SSW	5	0	•	•	•	0.12		
Lyons ...	30.32	31	WNW	3	0	30.15	- 07	31	29	- 1	SSE	1	0	•	36	27	-		
Toulon ...	29.96	40	N	7	0	30.10	- 18	45	39	+ 8	WNW	7	0	7	?	37	-		
Belmuet ...	29.38	44	N	9	0	29.39	- 07	45	42	0	SW	9	0	•	46	37	0.35		

## 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

Fred<sup>d</sup> Dangerteld Lith. London.



# WEATHER

for 8 a.m. on Friday,

# CHARTS

19<sup>th</sup> December.

## 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.

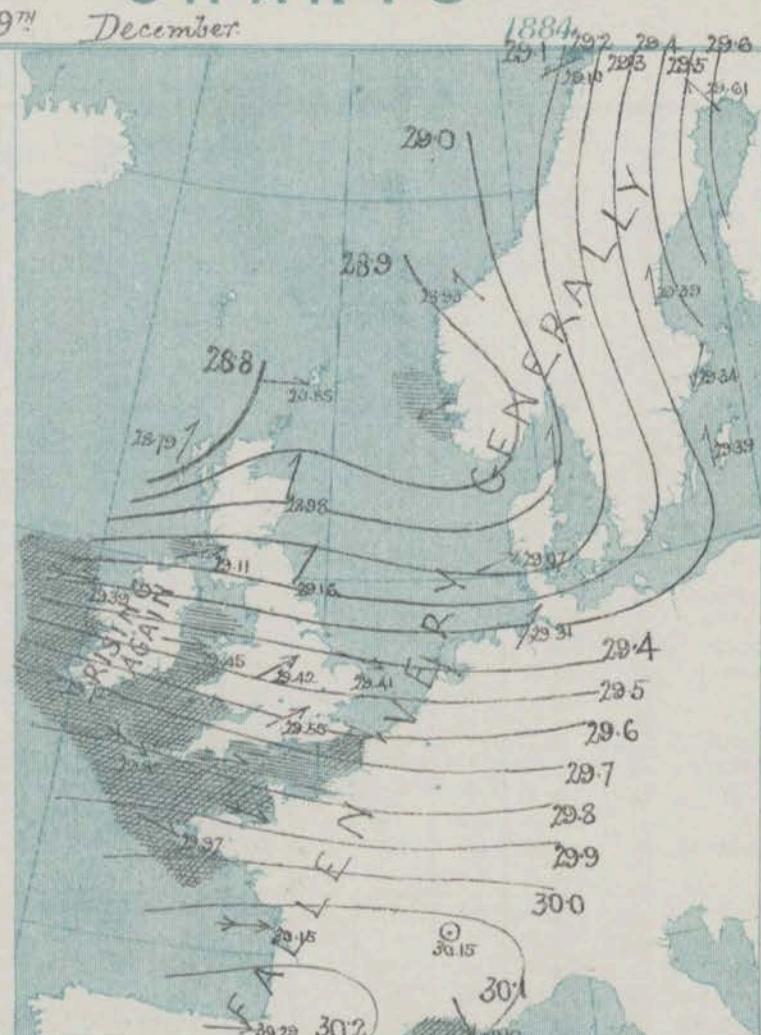
**Sea Disturbance**—where considerable is shown thus

■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.640
Stornoway.	29.701
Wick.	29.713
Nairn.	29.743
Aberdeen.	29.760
Leith.	29.800
Shields.	29.836
York.	29.877
Ardrossan.	29.810
Donaghadee.	29.832
Holyhead.	29.853
Liverpool.	29.882
Valencia.	29.879
Rock's Point.	29.880
Pembroke.	29.897
Silly.	29.943
Hurst Castle.	29.938
Dover.	29.942
LONDON.	29.934
Oxford.	29.937
Cambridge.	29.926
Yarmouth.	29.902





# REMARKS.

for Friday 19<sup>th</sup> December.

1884, at 8 a.m.

Large areas of low pressure are still passing along our north-western and northern coasts, and the low continues to fall at all but the Irish stations. At Stromsø, the reading is now as low as 28.79 ins. while at Biarritz the barometer stands at 30.28 ins., and gradients for W<sup>h</sup> winds are therefore steep. The wind is moderate S<sup>h</sup> in Scandinavia and SW<sup>h</sup> on our north and north-east coasts, but in the east and south-west of our Islands and also in the Bay of Biscay moderate to strong W<sup>h</sup> gales are blowing. The weather is dull and rainy at most of the Continental stations, but over our Islands a considerable improvement has taken place; showers are, however, falling locally, lightning was seen very generally last evening or night, and thunder occurred at Ardrossan and Darnley. Temperature has fallen a little in the west and south, and readings now range from 51° at Selly to 34° at Aberdeen. In the north of Scotland, the thermometer yesterday did not reach 40°. The sea is very high at Kilmorck, and high or rough on all our western and southern coasts.

The large depressions in the north are succeeding each other with great rapidity and the improvement in the weather over our Islands seems likely to be only temporary.

The Chief Signal Officer at Washington U.S. telegraphs that at 4 a.m. on the 16<sup>th</sup> Inst, in lat 42 N. Long 60 W, with the barometer at 29.4 ins.; there was a fresh gale from S. veering to W.

## FORECASTS

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

1884.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW <sup>h</sup> winds, moderate, to W <sup>h</sup> or NW <sup>h</sup> , strong; changeable, some sleet showers.	6 { SCOTLAND WEST	Same as No 2
1 { SCOTLAND EAST	-----D <sup>h</sup> -----D <sup>h</sup> -----D <sup>h</sup> -----	7 { ENGLAND N.W.	Same as No 2
2 { ENGLAND N.E.	W <sup>h</sup> winds, strong to a gale; changeable, showery.	8 { ENGLAND S.W.	W <sup>h</sup> and NW <sup>h</sup> gales or strong winds; squally.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	-----D <sup>h</sup> -----D <sup>h</sup> -----D <sup>h</sup> -----
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	-----D <sup>h</sup> -----D <sup>h</sup> -----D <sup>h</sup> -----
5 { ENGLAND SOUTH	W <sup>h</sup> and SW <sup>h</sup> winds, strong; changeable, some showers.	WARNINGS	The south cone is still up in districts 0.1 6.7.9.10 and part of 2



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wch.	Sea.		Bar.	Dry.	Wet.	Wind.	Wch.	Sea.		
Skudesnaes	29.30	42	37	SSW	8	0	6	Valencia	29.73	51	49	W	7	0 g/p	7
Sumburgh Head	29.00	41	39	SW	4	0	5	Scilly	29.91	53	51	WSW	7	0	6
Stornoway	29.02	40	38	SW	5	0 g/p	5	Dungeness	29.83	46	45	WSW	7	1	6
Aberdeen	29.18	36	35	SSW	3	0	1	London	29.75	49	47	SW	5	0 d	*
Shields	29.32	43	42	SW	4	1	2	Yarmouth	29.65	39	39	SW	6	1 g	4
Ardrossan	29.26	43	42	SW	3	0	3	Jersey	29.97	49	48	WSW	7	0	6
Mullaghmore	29.39	43	41	WSW	8	0 g	6	Rochefort	30.34	48	44	SSW	7	0	2
Holyhead	29.52	47	44	W	6	0 g	6								
Balmullo	29.42	43	42	WNW	7	0	2								

## REMARKS.

The barometer has fallen generally - most in the E. Fresh or strong S.W. or N.W. winds prevail on nearly all coasts, and at Mullaghmore there is a fresh WSW gale. Cloudy weather and rain are reported from many of our stations. The sea is high at Valencia and rough in the N. S. and extreme N.



# DAILY WEATHER REPORT

for *Saturday* 20<sup>th</sup> Dec<sup>r</sup> 1884.

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

† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.			
			Dir.	Force. (0 to 12)	Weather	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.	Amount of Rainfall.	
Haparanda .....	29.58	1	S	4	O	29.64	+ .03	-10	-10	- 20	E	2	6	•	12	?	-	
Hernösand ...	29.31	31	SE	6	O	29.23	- .16	29	29	- 2	SE	6	S	•	36	28	0.47	
Stockholm ...	29.10	34	SE	4	R	29.10	- .24	34	33	+ 2	SE	4	N	•	86	25	0.20	
Wisby ...	29.21	34	WSW	6	C	29.15	- .24	36	35	+ 2	S	2	O	•	45	30	0.12	
Bodö ...	29.17	33	E	2	O	29.25	+ .15	32	28	+ 3	E	2	6	•	34	?	-	
Christiansund ...	29.65	34	ESE	3	C	28.99	+ .06	31	28	- 9	ESE	3	6	3	?	28	-	
† Skudesnaes ...	28.74	39	ESE	4	6c	28.97	+ .04	35	32	- 4	E	4	6c	4	39	?	-	
Oxö (Klansund) ...	28.94	32	NNW	2	C	28.88	+ .02	39	32	- 3	NNE	6	O	3	?	32	0.20	
Skagen (The Skaw)	28.99	37	NW	2	C	28.91	+ .01	39	38	+ 1	E	2	O	1	39	34	0.24	
Fanö ...	29.06	40	WSW	6	C	28.90	- .17	40	39	- 1	WSW	2	C	•	41	37	0.20	
Cuxhaven ...	29.29	36	WSW	4	6c	29.06	- .25	39	39	0	SSW	2	6c	•	40	36	0.06	
† Sumburgh Head	28.87	36	NNE	1	6	29.03	+ .18	37	36	- 2	N	3	6c	3	41	33	0.01	
† Stornoway ...	28.97	36	NNW	2	6cp	29.19	+ .40	37	37	- 1	NNW	3	p	2	40	33	0.13	
Wick ...	28.90	36	W	1	6c	29.17	+ .36	35	34	- 1	NW	1	6cp	1	38	30	0.05	
Nairn ...	28.96	39	NNW	1	O	29.14	+ .23	36	35	- 1	NNW	1	C	1	39	32	0.07	
† Aberdeen ...	28.96	37	WSW	1	6	29.06	+ .08	37	36	+ 3	NNW	4	6cp	2	39	32	0.04	
Leith ...	29.03	39	NE	4	6	29.10	+ .04	38	33	- 1	NW	1	6	•	42	34	0.17	
† Shields ...	29.09	40	SW	7	6	29.01	- .15	38	37	- 3	NW	4	A	2	43	35	0.05	
Spurn Head ...	29.23	42	W	6	6	28.85	- .46	40	40	+ 1	NNE	6	ng	5	43	34	0.82	
York ...	29.26	43	W	6	6c	28.99	- .29	35	35	- 7	NNW	1	O	•	45	33	0.32	
Loughborough...	29.41	41	W	6	6	28.86	- .56	38	37	- 1	NNW	6	ngp	•	45	38	0.08	
† Ardrossan ...	29.12	44	W	5	6cp	29.16	+ .05	37	36	- 6	NNW	2	6	1	46	35	0.19	
† Mullaghmore ...	29.23	43	SW	7	A	29.33	+ .00	42	41	- 3	NW	8	ngg	7	46	41	0.20	
Donaghadee ...	29.25	39	NNW	3	C	29.16	- .10	40	40	+ 2	NW	3	C	1	42	36	0.36	
Parsonstown ...	29.38	44	W	1	C	29.43	- .10	41	38	- 1	W	4	09	•	47	38	0.22	
Barrow-in-Furness	29.27	44	W	5	6c	29.05	- .26	38	37	- 5	NNW	3	0c	2	45	35	0.39	
Holyhead ...	29.39	45	W	6	6cp	29.15	- .30	44	42	+ 1	NW	8	C	6	47	41	0.11	
Liverpool (Bidston)	29.33	44	WSW	6	O	29.05	- .32	40	38	- 2	NW	6	O	5	45	37	0.15	
Valencia ...	29.41	49	SW	7	mtu	29.65	- .07	46	43	- 1	NW	8	chg	7	32	43	0.17	
Roche's Point ..	29.45	47	WSW	5	C	29.49	- .19	45	41	+ 2	NW	7	6	5	50	43	0.25	
Pembroke ...	29.65	50	W	8	C	29.41	- .41	49	45	- 2	NW	11	C	8	32	39	0.10	
† Scilly ...	29.64	48	W	7	C	29.14	- .61	42	40	- 3	NW	8	cu	7	50	40	0.33	
Prawle Point ...	29.61	46	W	6	C	28.92	- .75	41	40	- 1	NW	7	C	5	49	39	0.12	
† Dungeness ...	29.58	41	W	4	6	28.82	- .75	41	40	+ 1	NW	3	C	3	36	37	0.20	
London ...	29.52	40	W	3	6	28.86	- .60	40	37	- 1	NNW	2	6	•	50	39	0.10	
Oxford ...	29.44	42	WSW	4	C	28.89	- .65	39	38	- 1	NNW	4	op	•	47	39	0.08	
Cambridge ...	29.45	40	W	3	6	28.80	- .68	39	38	0	NNW	1	O	•	45	30	0.05	
† Yarmouth ...	29.57	40	W	5	6c	28.61	- .79	40	40	+ 3	NW	4	omg	4	43	36	0.36	
The Helder ...	29.30	44	WSW	7	6c	28.83	- .48	39	38	- 3	SE	1	A	2	45	39	0.12	
Cape Griz Nez...	29.76	49	W	7	cmg	29.05	- .78	46	43	0	NNW	10	cm	8	50	26	0.26	
† Jersey ...	29.86	53	W	5	T	29.36	- .67	50	46	- 1	NNW	11	C	8	55	45	0.24	
Brest ...	30.04	52	W	8	O	29.49	- .66	50	49	- 3	NNW	12	O	7	57	45	0.79	
Lorient ...																		
† Rochefort ...																		
Biarritz ...																		
Corunna ...																		
Brussels ...						28.80	- .67	41	41	- 2	SSE	2	A	•	44	40	0.28	
Charleville ...	29.69	40	NNW	7	6	28.96	- .69	40	38	- 3	W	4	A	•	46	39	0.47	
Paris ...	29.60	46	SW	5	T	28.99	- .81	44	42	- 2	SW	4	6c	•	•	•	0.24	
Lyons ...	30.02	43	W	3	O	29.39	- .76	41	40	+ 10	S	7	A	•	51	?	0.16	
Toulon ...																		
Belmullet ...																		

## 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 2.30 late for insertion in charts.

Fred<sup>r</sup> Dargutfield Lith. London.



# WEATHER CHARTS

for 8 a.m. on Saturday.

20<sup>th</sup> DECEMBER.

1884.

## 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.

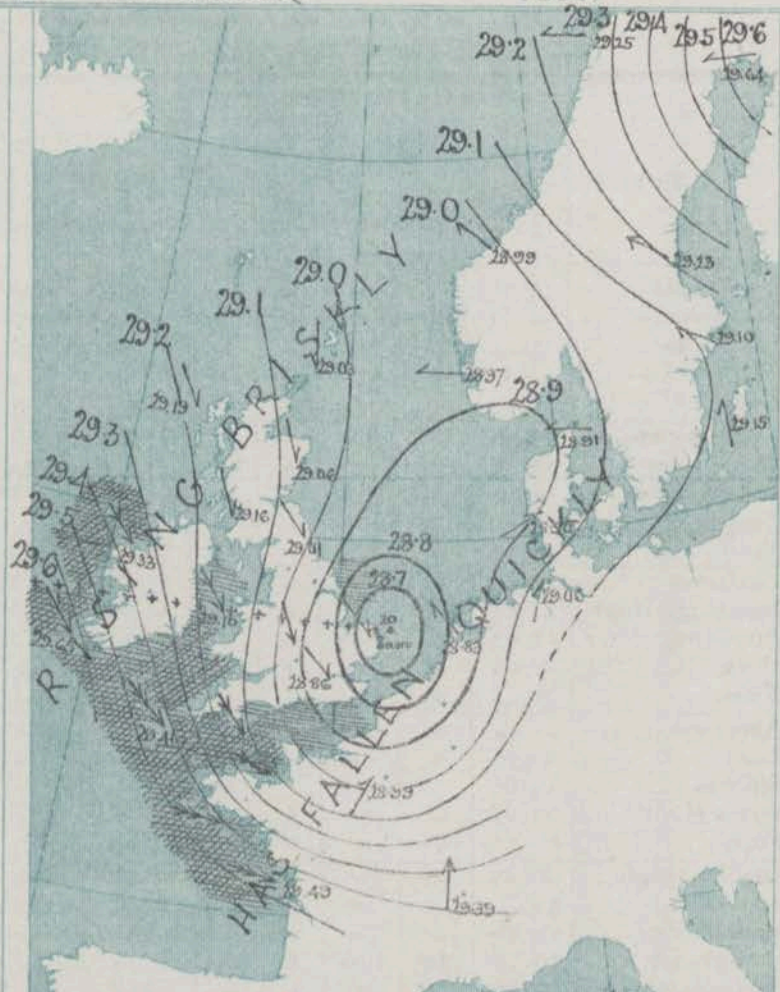
**Sea Disturbance**—where considerable is shown thus

■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.680
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.750
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.810
Donaghadee	29.832
Ballyhead	29.868
Liverpool	29.882
Valencia	29.879
Roche's Point	29.888
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.958
Dover	29.942
LONDON	29.934
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902



## 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.

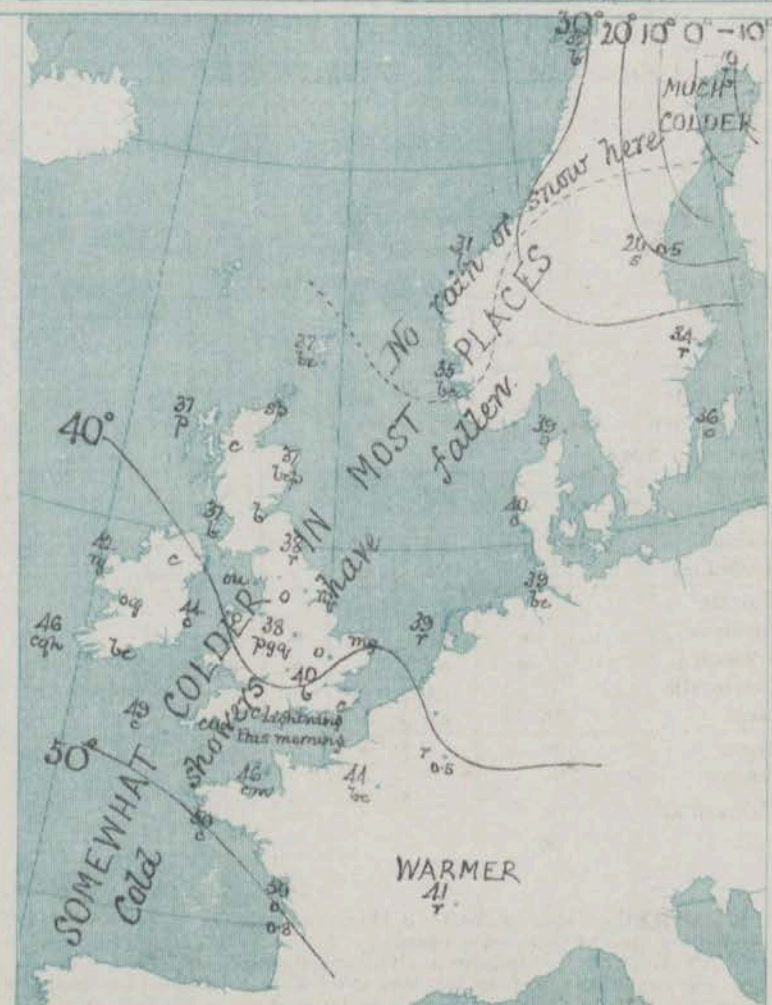
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.0	37.6	4.13
Stornoway	38.9	37.8	5.61
Wick	37.8	36.4	3.21
Nairn	36.9	36.4	2.01
Aberdeen	36.9	35.3	3.42
Leith	38.4	37.0	1.96
Shields	39.2	36.9	3.03
York	36.2	35.4	2.64
Ardrossan	40.1	38.3	4.17
Donaghadee	40.1	39.1	2.85
Ballyhead	42.9	41.3	4.03
Liverpool	39.1	37.4	2.88
Valencia	44.7	41.8	6.05
Roche's Point	42.9	41.4	4.89
Pembroke	43.7	42.6	4.26
Scilly	47.2	45.3	4.18
Hurst Castle	40.6	38.9	2.08
Dover	40.0	38.8	3.51
LONDON	38.1	37.1	2.28
Oxford	37.3	36.6	2.79
Cambridge	36.3	35.6	2.02
Yarmouth	37.9	37.2	2.89

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for Saturday 20<sup>th</sup> DEC<sup>r</sup>

1884, at 8 a.m.

The large depression which lay off the north-west of Scotland yesterday, appears to have passed on to the north of Denmark, and the barometer has consequently risen on our northern coasts. In the course of the night, however, a very deep subsidiary disturbance has travelled rapidly across Ireland and England, so that the barometer has fallen very decidedly at all our southern stations. The centre of this depression now lies near Yarmouth, where the reading is as low as 28.62 inches, and a brisk recovery of pressure has commenced in the south-west. The wind is moderate from SE. in Scandinavia, but in our Islands and France it has shifted to the NW<sup>nd</sup>. Over the Bay of Biscay and western part of the Channel it blows with the force of a whole gale or storm, while on our western and southern coasts generally fresh or strong gales are reported. Squalls and cold showers are reported from most localities, and lightning was seen at Hurst Castle early this morning. Temperature has fallen a little in most places, and readings range from 48° at Selly to 35° at Wick and York. The sea is very high in the Channel and Bay of Biscay, high off the west of Ireland, and rough in the St. Georges Channel.

The depression off the east of England will probably continue to move eastward, but there is at present no sign of any permanent improvement in the weather.

## FORECASTS

for the 24 hours ending at NOON on 21<sup>st</sup> December. 1884.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND NORTH	NW <sup>th</sup> and N <sup>th</sup> winds, moderate and fresh; fair on the whole, but some cold showers.
1 { SCOTLAND EAST	-----D°-----D°-----D°-----
2 { ENGLAND N.E.	N <sup>th</sup> gales, to NW <sup>th</sup> winds, fresh; showery to fair.
3 { ENGLAND EAST	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as No 5
5 { ENGLAND SOUTH	NW <sup>th</sup> gales, moderating later; showery to fair.

6 { SCOTLAND WEST	Same as No 0
7 { ENGLAND N.W.	NW <sup>th</sup> gales, moderating gradually; squally, cold showers.
8 { ENGLAND S.W.	-----D°-----D°-----D°-----
9 { IRELAND NORTH	NW <sup>th</sup> to W <sup>th</sup> strong winds and gales squally, showery.
10 { IRELAND SOUTH	-----D°-----D°-----D°-----

### WARNINGS

The south cone was hoisted yesterday in districts 3, 5, 8, and part of 2, and the signals have been re-hoisted this morning in districts 7, 9, 10, and the remainder of 2.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.50	39	37	SE	4	0	5	Valencia	29.66	49	47	W	6	0 m q	6
Sumburgh Head	28.86	38	37	NE	1	6c	3	Scilly	29.77	52	49	W	8	0	7
Stornoway	28.93	39	38	W	2	cg	2	Dungeness	29.58	47	43	WNW	5	6	8
Aberdeen	28.86	37	36	tr SW	1	c	1	London	29.55	47	42	W	5	bcg	*
Shields	29.10	43	41	SW	7	h	2	Yarmouth	29.39	43	42	W	6	bcg	h
Ardrossan	29.07	45	43	W	8	0	7	Jersey	29.78	50	46	W	8	c	7
Mullaghmore	29.37	46	41	WNW	9	0 g/p	8	Rochefort	30.16	54	52	WNW	9	0	4
Holyhead	29.42	45	41	W	7	6c	6								
Balmuccia															

## REMARKS.

The barometer has risen on our extreme northwestern and northern coasts, but continues to fall in most other localities. Strong W winds prevail over Ireland and England and gales are still blowing at Mullaghmore and Scilly. Rain is falling at Shields and passing showers at Mullaghmore; elsewhere the weather is fair. The sea is very high at Mullaghmore, high at Scilly, and rough in the W. and N. generally.



# DAILY WEATHER REPORT

for Sunday 21<sup>st</sup> December 1884.

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 .....	29.71	2	NE	2	o	29.58	+ .24	3	3	+ .13	NE	2	o	3	-11	—		
Hernösand ...	29.54	24	NE	4	o	29.54	+ .61	22	22	—	N	2	o	24	21	0.75		
Stockholm ...	29.35	30	ENE	2	f	29.72	+ .62	33	?	—	N	2	o	37	32	—		
Wisby ...	29.25	36	SSW	4	b	29.57	+ .42	35	34	—	E	4	o	43	34	0.04		
Bodö ...	29.49	23	E	4	b	29.72	+ .47	22	19	—	E	2	b	32	19	—		
Christiansund ...	29.35	31	ESE	1	b	29.76	+ .77	35	33	+ .4	S	2	c	36	25	—		
Skudesnaes ...	29.20	31	NNE	2	b	29.50	+ .83	32	29	—	NNW	1	b	36	32	—		
Oxö (Xusund) ...	29.29	31	NNW	4	b	29.67	+ .79	35	33	+ .2	N	6	c	36	28	—		
Skagen (The Skaw)	29.23	29	ENE	3	o	29.59	+ .68	35	37	—	ENE	3	r	39	37	0.04		
Fanö ...	29.30	26	NNW	4	o	29.63	+ .73	35	32	—	NNW	2	b	41	32	0.28		
Cuxhaven ...	29.08	36	E	3	o	29.59	+ .53	35	35	—	NNE	4	c	38	35	—		
Sumburgh Head	29.16	35	N	4	c	30.02	+ .89	27	24	—	N	4	b	40	34	0.06		
Stornoway ...	29.79	38	N	4	csp	30.20	+ 1.01	26	35	—	NN	3	og	40	34	0.04		
Wick ...	29.68	38	N	4	bc	30.16	+ .99	26	34	+ .1	N	2	bc	39	32	0.10		
Nairn ...	29.74	38	NN	2	c	30.13	+ .99	35	36	+ .2	NN	3	o	39	35	0.13		
Aberdeen ...	29.59	39	NNW	5	b	30.10	+ 1.04	26	35	—	NNW	4	c	40	33	0.13		
Leith ...	29.62	39	NN	2	b	30.12	+ 1.02	37	32	—	NN	1	b	44	35	—		
Shields ...	29.51	41	N	5	b	30.07	+ 1.06	37	35	—	NN	4	c	41	35	0.13		
Spurn Head ...	29.38	42	N	7	b	29.90	+ 1.05	40	38	—	N	8	bc	43	37	0.19		
York ...	29.49	39	N	2	b	30.04	+ 1.05	26	33	+ .1	N	2	b	42	34	0.04		
Loughborough...	29.49	39	NN	4	b	30.03	+ 1.17	25	33	—	NNW	5	b	41	35	0.02		
Ardrossan ...	29.49	40	NNW	1	b	30.17	+ 1.01	25	34	—	NNW	1	bc	44	34	—		
Mullaghmore ...	29.58	45	NNW	6	b	30.25	+ .92	43	42	+ .2	NNW	4	opm	46	39	0.27		
Donaghadee ...	29.70	45	N	6	b	30.17	+ 1.01	42	39	+ .2	NNE	7	b	45	39	0.05		
Parsonstown ...	29.89	41	NNW	2	b	30.27	+ .94	35	37	—	NN	1	o	44	36	0.03		
Barrow-in-Furness	29.61	39	N	3	b	30.12	+ 1.07	25	32	—	N	2	b	41	35	—		
Holyhead ...	29.67	47	NNW	8	bc	30.17	+ 1.02	42	39	—	N	5	c	47	42	—		
Liverpool (Bidston)	29.61	41	NN	5	b	30.13	+ 1.08	37	33	—	NNE	2	b	43	36	—		
Valencia ...	30.06	47	NN	7	ogp	30.24	+ .69	47	45	+ .1	N	4	o	48	43	0.03		
Roche's Point ..	29.79	45	NNW	7	bc	30.07	+ .78	43	44	—	NN	3	bc	49	41	0.03		
Pembroke ...	29.70	44	NN	6	bc	30.13	+ .90	42	38	—	N	5	bc	46	43	—		
Scilly ...	29.75	45	NNW	10	cu	30.12	+ .71	47	45	—	N	6	e	49	45	—		
Prawle Point ...	29.63	41	NN	4	c	30.06	+ .97	26	34	—	NNW	1	b	45	35	0.02		
Hurst Castle ...	29.49	41	NNW	5	b	29.99	+ 1.07	36	34	—	NNE	5	b	49	34	0.02		
Dunneen ...	29.19	41	NN	5	c	29.87	+ .99	39	38	—	N	5	c	45	39	0.06		
London ...	29.41	41	NN	6	c	29.96	+ 1.10	35	35	—	N	4	bc	42	37	0.06		
Oxford ...	29.59	39	NN	6	b	30.01	+ 1.12	35	33	—	NN	5	bc	42	35	0.03		
Cambridge ...	29.38	39	NNW	4	o	29.96	+ 1.16	35	34	—	N	3	bc	40	34	0.05		
Yarmouth ...	29.24	43	N	6	c	29.82	+ 1.20	42	41	+ .1	N	5	cog	43	38	0.27		
The Helder ...	29.21	41	NNE	3	c	29.65	+ .82	41	39	+ .2	NNE	4	bc	41	37	0.79		
Cape Griz Nez...	29.18	42	N	11	r	29.72	+ .95	41	40	—	N	9	c	45	37	0.16		
Jersey ...	29.34	46	NNW	8	bc	30.00	+ .95	42	38	—	N	7	cm	47	41	0.02		
Brest ...	29.74	49	NNW	9	o	30.08	—	46	44	—	NNW	8	c	54	43	—		
Lorient ...																		
Rocheport ...																		
Biarritz ...	29.70	54	VV	11	r	29.90	+ .72	49	45	—	N	8	c	59	44	0.12		
Corunna ...						30.24	+ .08	51	51	—	N	12	bc	59	45	0.04		
Brussels ...						29.64	+ .84	40	38	—	N	5	bc	44	39	0.28		
Charleville ...	29.95	34	VV	3	o	?	?	39	35	—	W	12	r	45	?	0.35		
Paris ...	29.25	40	VV	7	r	29.73	+ .74	41	38	—	NNW	7	c			0.20		
Lyons ...	29.26	40	NNW	5	b	29.89	00	35	34	—	N	9	r	46	34	0.63		
Toulon ...	29.30	44	VV	9	o	29.11		28	38	—	NNW	11	c	48	37	0.08		
Belmullet ...	29.97	45	NNW	5	bc	30.25	+ .76	44	43	—	N	2	c	46	42	0.10		

## 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

Sunday 21<sup>st</sup> Dec<sup>r</sup>

1884.

## BAROMETER, WIND & SEA.

(Explanation of Map)

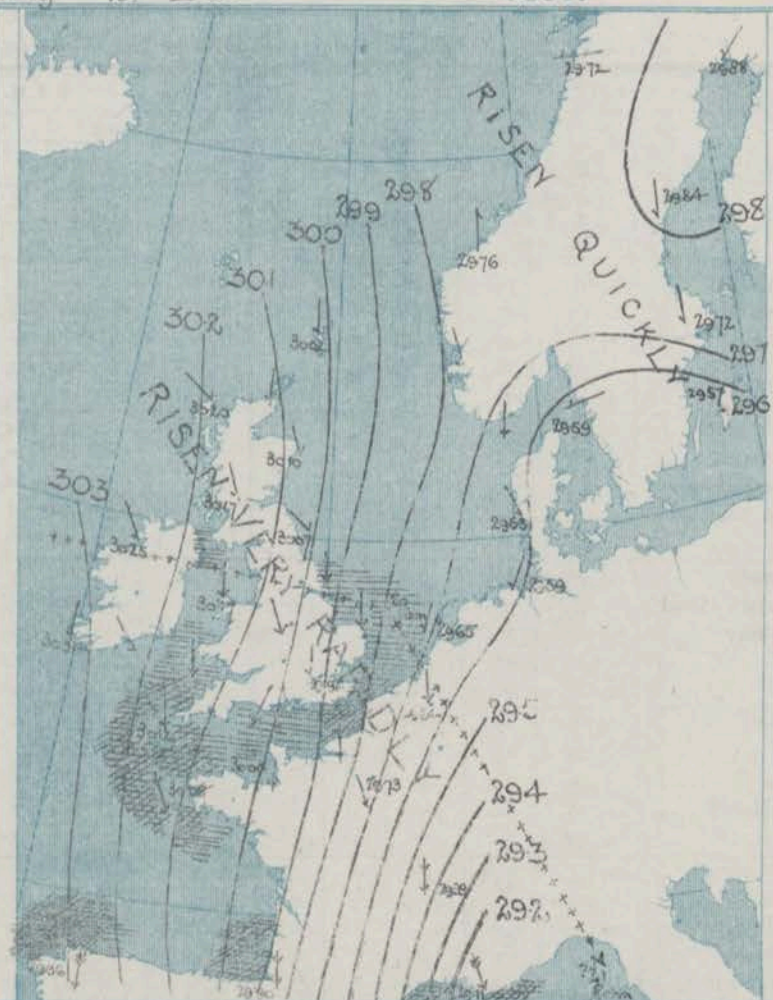
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 — forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces 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 December.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.660
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.760
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.810
Donaghadee	29.832
Ballyhead	29.858
Liverpool	29.842
Valencia	29.879
Roche's Point	29.839
Pembroke	29.897
Scilly	29.843
Hurst Castle	29.938
Dover	29.942
LONDON	29.939
Oxford	29.937
Cambridge	29.956
Yarmouth	29.902





# REMARKS.

for Sunday 21<sup>st</sup> December. 1884, at 8 a.m.

The deep depression whose centre lay near Yarmouth yesterday has travelled quickly in a south-south-easterly direction to the Gulf of Genoa, and a rapid rise of the barometer has taken place generally. Over the greater part of England and Scotland the change in the twenty-four hours has amounted to over an inch, and at Yarmouth the mercury has risen 1.2 ins. N<sup>e</sup> winds are reported generally; in our Islands they have fallen to a fresh or strong breeze, but in France a gale is still blowing. Severe NW<sup>1</sup> to N<sup>1</sup> gales were experienced at the French stations last evening. A considerable improvement in the weather has taken place in most places, but at Mullaghmore showers are still falling, while rain is reported at Charleville and Lyons. In the course of the past twenty-four hours rain has fallen in most parts of our Islands. Temperature has fallen a little generally, and reading now range from 44° at Victoria and Seilly to 35° over Central England and also at Anderson. The sea is high or rough on our eastern, southern and some parts of our western coast.

The Chief Signal Officer at Washington U.S. reports that at Noon on the 16<sup>th</sup> Inst in Lat 45° N, Long 62° W. with the barometer at 29.5 ins; there was a strong gale from south veering to west.

## FORECASTS

for the 24 hours ending at NOON on 22<sup>nd</sup> December 1884.  
(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



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	? 29.13	33	31	NNE	1	b	4	Valencia	29.91	47	45	NN	7	cq for 10	6
Sumburgh Head	29.24	29	38	N	4	c	3	Scilly	29.63	46	45	NNN	10	c	8
Stornoway	29.58	39	38	N	4	b	3	Dungeness	? 29.18	40	39	NN	4	r	3
Aberdeen	29.33	37	36	NNN	5	b	2	London	29.19	42	39	NN	7	o	*
Shields	29.25	41	40	N	5	o	2	Yarmouth	29.03	48	42	N	7	cq	6
Ardrossan	29.46	42	40	NNN	2	b	1	Jersey	29.34	47	42	NN	9	c	8
Mullaghmore	29.65	46	43	NNN	8	cq	7	Rochefort	29.60	50	45	NN	12	o	7
Holyhead	29.45	45	42	NNN	8	b	7								
Belmullet	29.74	45	45	N	8	b	*								

## REMARKS.

The depression which lay near Yarmouth this morning has passed away to the E<sup>rd</sup>, and a brisk recovery of pressure has taken place over the entire Kingdom. NW<sup>ly</sup> & N<sup>ly</sup> winds prevail generally. On our north and north-east coasts they are moderately fresh in force, but elsewhere fresh to whole gales are reported. Hail showers are falling at Valencia. Sea is very high at Scilly, high in the west generally, and rough off our south-east coasts.



# DAILY WEATHER REPORT

for Monday 22<sup>nd</sup> December 1884.

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

Issued by the Meteorological Office, 16, Victoria Street, London, W. N. 55071, 55072, 55073.																			
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 .....	30.06	8	NE	2	0	30.19	+ .21	11	11	+ 8	Z	0	0	*	2	1	—		
Hernösand ...	30.10	24	Z	0	0	30.26	+ .42	9	9	— 13	Z	0	0	*	25	?	—		
Stockholm ...	30.13	30	N	2	0	30.31	+ .59	25	26	— 5	WNW	2	0	*	36	?	—		
Wisby ...	30.04	35	ESE	6	0	30.18	+ .61	32	30	— 3	E	4	0	*	41	32	—		
Bodö ...	29.93	28	ENE	2	0	30.02	+ .30	24	32	+ 12	SW	2	6c	2	?	?	—		
Christiansund ...	30.12	36	SW	2	0	30.20	+ .44	37	34	+ 2	SW	3	6c	4	25	32	0.16		
Skudesnaes ...	30.19	24	NNW	1	0	30.28	+ .68	32	30	0	ENE	2	6c	3	24	28	—		
Oxö (Xilansund) ...	30.15	34	NNE	6	0	30.27	+ .70	27	26	— 8	NNW	4	6	2	37	27	—		
Skagen (The Skaw)	30.23	35	NE	3	6c	30.33	+ .74	33	31	— 5	ENE	3	0	1	?	22	—		
Fanö ...	30.04	37	N	4	0	30.29	+ .66	33	31	0	NE	4	0	*	37	?	—		
Cuxhaven ...	29.87	25	NNE	5	6c	30.15	+ .59	27	26	— 1	NE	5	6c	*	28	35	—		
Stumburgh Head	30.22	35	N	2	6	30.26	+ .34	44	38	+ 4	SW	3	0	2	41	31	—		
Stornoway ...	30.22	37	WSW	3	6	30.26	+ .06	43	42	+ 7	SSW	4	0g	4	43	34	—		
Wick ...	30.36	31	N	1	6	30.30	+ .14	35	33	— 1	S	2	6	1	38	29	—		
Nairn ...	30.36	35	Z	0	0	30.38	+ .20	26	26	— 12	Z	0	6	1	39	26	—		
Aberdeen ...	30.29	37	NW	4	6	30.38	+ .28	27	26	— 9	WSW	1	6	2	39	26	—		
Leith ...	30.32	35	NW	1	6	30.39	+ .27	30	26	— 7	NW	1	6m	*	41	26	—		
Shields ...	30.23	39	NW	5	6	30.37	+ .30	37	36	0	NW	1	cp	5	41	24	0.04		
Spurn Head ...	30.00	43	N	7	6	30.28	+ .38	41	41	+ 1	ENE	5	cp	5	43	39	0.12		
York ...	30.18	36	NNW	1	6	30.37	+ .30	32	32	— 4	N	1	6	*	40	32	0.03		
Loughborough...	30.19	36	NNW	3	6	30.31	+ .28	34	34	— 1	NNW	1	om	*	40	24	—		
Ardrossan ...	30.33	33	N	1	6	30.40	+ .23	29	29	— 6	Z	0	6	0	41	27	—		
Mullaghmore ...	30.26	38	SSW	1	6	30.35	+ .10	35	34	— 8	ESE	1	6	2	47	33	—		
Donaghadee ...	30.36	42	N	2	6	30.41	+ .24	29	29	— 13	SW	1	6	0	43	28	—		
Parsonstown ...	30.39	37	Z	0	6	30.41	+ .14	27	28	— 11	Z	0	f	*	42	25	—		
Barrow-in-Furness	30.26	36	NNE	3	6	30.34	+ .22	35	33	0	NE	2	6c	*	39	34	—		
Holyhead ...	30.32	43	NNE	4	6	30.38	+ .21	40	37	— 3	ENE	3	6c	3	43	26	—		
Liverpool (Bidston)	30.28	38	NNW	3	6	30.36	+ .23	34	32	— 3	N	2	6	2	40	34	—		
Valencia ...	30.28	43	Z	0	6c	30.35	— .01	37	26	— 10	NE	1	6c	1	20	26	—		
Roche's Point ..	30.26	49	NNE	3	6	30.36	+ .09	24	33	— 9	NNE	3	6	3	51	33	—		
Pembroke ...	30.26	41	NNE	4	6	30.33	+ .20	36	24	— 7	ENE	1	6	2	44	35	0.02		
Scilly ...	30.26	46	NNE	6	0	30.26	+ .14	44	42	— 3	NE	5	0	5	47	42	—		
Prawle Point ...	30.23	35	N	4	6	30.26	+ .15	35	24	— 1	N	4	6c	3	44	33	—		
Hurst Castle ...	30.13	36	N	6	6	30.19	+ .24	36	26	0	NNE	4	6	4	42	34	—		
Dungeness ...	30.00	40	N	4	6	30.09	+ .28	42	40	+ 3	NE	6	rg	4	43	38	0.08		
London ...	30.09	38	N	4	6	30.20	+ .24	38	36	0	NNE	3	6	*	40	37	—		
Oxford ...	30.21	35	NNW	5	6	30.26	+ .25	35	24	0	N	2	6	*	39	34	—		
Cambridge ...	30.11	37	N	2	0	30.26	+ .30	36	35	+ 1	N	1	0	*	39	33	0.02		
Yarmouth ...	29.98	42	N	5	0	30.20	+ .38	42	41	0	NE	6	cg	5	43	28	0.06		
The Helder ...	29.93	41	NNE	4	7	30.17	+ .52	40	37	— 1	NE	5	0	4	43	39	0.08		
Cape Griz Nez...	29.94	43	NNE	9	6c	30.02	+ .30	43	42	+ 2	NE	11	0	8	45	39	0.24		
Jersey ...	30.12	41	NNE	6	0	30.11	+ .11	42	40	0	NE	6	cg	5	42	40	—		
Brest ...	30.19	44	NNE	5	0	30.15	+ .07	39	37	— 7	N	3	6	4	32	26	—		
Lorient ...	30.15	43	N	8	6c	30.12	— .02	42	39	—	N	8	2	4	48	37	—		
Rochefort ...	30.06	44	N	9	0	30.04	— .02	41	39	—	N	8	6c	4	52	26	—		
Biarritz ...	29.98	45	N	7	0	29.93	+ .03	40	40	— 9	NE	7	0	3	50	32	0.16		
Corunna ...	...	...	...	...	...	30.01	+ .37	38	36	— 2	NE	4	0	*	42	37	—		
Brussels ...	...	...	...	...	...	?	?	37	35	— 2	NW	11	0	*	41	35	—		
Charleville ...	29.77	37	N	8	6	29.94	+ .21	37	37	— 4	NNE	4	0	*	...	...	0.24		
Paris ...	29.88	42	N	5	7	29.94	+ .21	37	37	— 4	NNE	4	0	*	...	...	...		
Lyons ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Toulon ...	29.24	39	N	8	6c	29.26	+ .25	38	37	0	NW	7	6c	5	48	26	—		
Bermudez ...	29.35	41	SE	1	6	30.20	+ .02	37	26	— 7	NNW	7	6	*	47	26	—		

## 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

for 8 a.m. on

# CHARTS

Monday 22<sup>nd</sup> Dec<sup>r</sup>

1884.

## 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

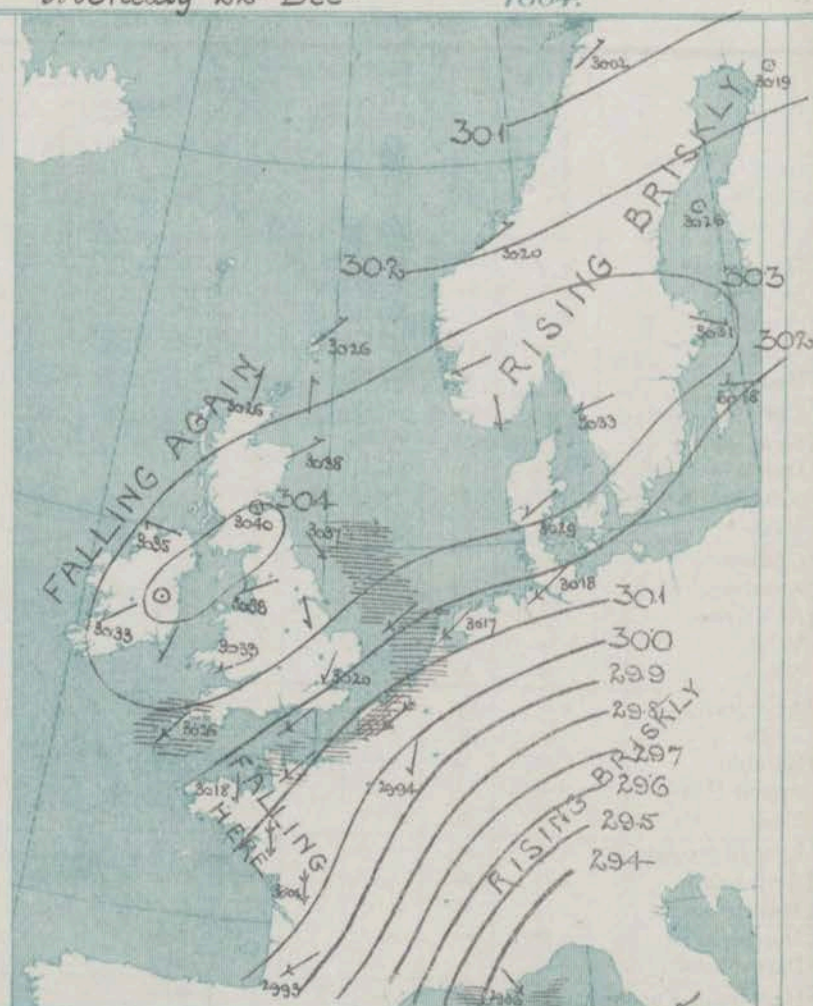
■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of December.

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.680
Stornoway.	29.701
Wick.	29.713
Nairn.	29.741
Aberdeen.	29.760
Leith.	29.800
Shields.	29.836
York.	29.877
Ardrossan.	29.810
Donaghadee.	29.832
Holyhead.	29.858
Liverpool.	29.882
Valencia.	29.879
Roche's Point.	29.880
Pembroke.	29.897
Scilly.	29.943
Hurst Castle.	29.938
Dover.	29.942
LONDON.	29.934
Oxford.	29.937
Cambridge.	29.926
Yarmouth.	29.902





# REMARKS.

for Monday 22<sup>nd</sup> December 1884, at 8 a.m.

Since yesterday morning the barometer has continued to rise at all but our extreme western and northern stations; and a large anticyclone, in which readings exceed 30.5 in., now lies over the greater part of the United Kingdom, the North Sea and the south of Scandinavia. To the northward of this high pressure area, i.e. in the west of Norway and north of Scotland, moderate southwesterly breezes are reported, but elsewhere the wind varies between N. & NE., and in France it still blows strongly. Sleet showers are falling at Spurn Head and rain at Boulogne, but elsewhere the weather is generally fine. Showers occurred yesterday, at several of our east & southeast stations & lightning was seen at Biarritz. Temperature has fallen several degrees in Scotland & Ireland, and readings now range from 44° at Scilly to 27° at Aberdeen & Larne and 26° at Naim. Sharp frost occurred over Scotland last night. The sea is still rather rough off the east of England and also at the mouth of the Channel, but moderate to smooth elsewhere.

There is at present no indication of any important change in the weather, but the fall of the barometer in the west may possibly extend slowly eastwards.

## FORECASTS

for the 24 hours ending at NOON on 23<sup>rd</sup> December 1884.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE <sup>th</sup> winds, freshening; cloudy, some showers.	6 { SCOTLAND WEST	Same as N <sup>os</sup> 1 & 2.
1 { SCOTLAND EAST	Variable breezes; fair on the whole, but fog locally.	7 { ENGLAND N.W.	Same as N <sup>os</sup> 1 & 2.
2 { ENGLAND N.E.	..... D <sup>o</sup> ..... D <sup>o</sup> ..... D <sup>o</sup> .....	8 { ENGLAND S.W.	NE <sup>th</sup> winds, fresh; fair on the whole.
3 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	Variable breezes, finally SE <sup>th</sup> ; fair to cloudy and some rain.
4 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5.	10 { IRELAND SOUTH	..... D <sup>o</sup> ..... D <sup>o</sup> ..... D <sup>o</sup> .....
5 { ENGLAND SOUTH	NE <sup>th</sup> winds, moderate; fair on the whole, but possibly some cold showers.	WARNINGS	
		None Issued.	



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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes	29.01	34	21	NNW	1	6	3	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dungeness					
Aberdeen								London					*
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort	30.07	45	44	N	9
Holyhead													7

REMARKS.

*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> Dec. 1884.*

during this week the general character of the weather over our islands has been cyclonic & decidedly rough; the type Southwesterly & westerly, but complicated by the existence of a second high-pressure area over Northern Europe. Several large depressions have appeared; the first reached the neighbourhood of the Hebrides on the morning of the 14<sup>th</sup>, and passing east-north-eastwards, developed an arm of low pressure (or "hollow") over the southern parts of Scandinavia, and passed away from an area on the 16<sup>th</sup>. The second came towards our northern coast from the west-south-westward on the 18<sup>th</sup>, and developed a hollow over the North Sea, while a third arrived off the Hebrides on the 19<sup>th</sup> and also developed a hollow over the northern parts of the North Sea, but on reaching the neighbourhood of the Norwegian coast it moved erratically to the south-eastward & dispersed quickly.

A new & deep depression, of smaller size than those noted above now came rapidly across Ireland & England from the west-north-westward. At 6 pm on the 19<sup>th</sup> it had only just begun to exert any decided influence on the weather at our most western stations, but by 8 am on the 20<sup>th</sup> its centre lay between Yarmouth and the Helder. It then moved southwards and by the following morning had reached the Gulf of Genoa.

With the former disturbances Southwesterly & westerly gales, squally winds & rain were felt in many places, especially in the west & north, but with the last-named disturbance the severest gales occurred in the rear of the depression, & were northwesterly to northerly in direction. The air was very raw & searching, falls of sleet or hail occurred generally, & lightning was seen in the south-west & south.



# DAILY WEATHER REPORT

for *Tuesday* 23<sup>rd</sup> Dec<sup>r</sup> 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, 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. (# to 3.)	SHADE TEMP.										
			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. (# to 12.)			Max.	Min.	Amount of Rainfall.								
Haparanda	30.10	24	SW	4	0	29.95	- 24	28	27	+ 17	S	4	60	*	?	3	-								
Hernösand	30.32	9	2	0	0	30.23	- 03	22	22	+ 13	-	0	0	*	23	5	-								
Stockholm	30.40	22	2	0	0	30.38	+ 07	24	23	- 4	2	0	0	*	32	21	-								
Wisby	30.27	33	E	4	0	30.24	+ 06	33	32	+ 1	E	4	0	*	34	32	-								
Bodö	29.81	40	SW	6	1	29.69	- 33	45	42	+ 11	SW	9	0	*	44	37	0.24								
Christiansund	30.10	42	NSW	3	0	30.08	- 12	39	36	+ 2	NSW	2	6	4	43	34	-								
Skudenes	30.38	34	E	2	0	30.30	- 08	37	35	+ 5	E	2	0	3	?	32	-								
Oxö (Xtiansund)	30.41	23	NW	4	0	30.32	- 05	26	25	- 1	NW	4	6	2	28	23	-								
Skagen (The Skaw)	30.36	31	ESE	2	0	30.33	- 00	30	28	- 3	ESE	2	0	0	34	28	-								
Pino	30.34	31	NE	4	0	30.25	- 04	31	30	- 2	NE	4	0	*	34	28	-								
Cuxhaven	30.24	35	ESE	5	0	30.18	- 00	36	35	- 1	ESE	6	0	*	?	33	-								
Sumburgh Head	30.21	41	SW	3	0	30.06	- 20	40	37	- 1	SW	3	6	3	43	38	-								
Stornoway	30.19	42	SSW	4	0	30.02	- 24	42	40	- 1	SSW	5	6	5	43	40	-								
Wick	30.22	36	S	2	0	30.08	- 22	35	33	0	S	2	6	1	38	32	-								
Nairn	30.24	32	2	0	0	30.10	- 23	30	30	+ 4	2	0	6	1	36	26	-								
Aberdeen	30.30	31	SSW	1	0	30.18	- 20	31	30	+ 4	SW	2	6	1	35	26	-								
Leith	30.32	27	NSW	1	f	30.20	- 19	30	27	0	NW	1	6	3	34	22	-								
Shields	30.35	37	NW	1	0	30.22	- 15	35	34	- 2	SW	1	6	4	41	33	0.03								
Spurn Head	30.29	41	ESE	4	0	30.18	- 10	39	37	- 2	E	4	0	4	42	37	0.02								
York	30.34	39	NE	1	0	30.23	- 14	36	34	+ 4	ESE	1	0	*	41	30	-								
Loughborough	30.31	38	NE	1	0	30.19	- 12	36	34	+ 2	ESE	2	0	1	41	34	-								
Ardrossan	30.32	33	ESE	1	0	30.18	- 22	36	34	+ 7	E	1	0	1	37	27	-								
Malin Head	30.25	40	SSE	4	0	30.08	- 27	40	37	+ 15	SSE	4	6	3	44	34	-								
Mullaghmore	30.20	39	SSW	5	0	30.01	- 24	36	34	+ 1	SE	3	6	0	45	33	-								
Belmullet	30.32	36	S	1	0	30.17	- 24	39	37	+ 10	SSW	1	0	0	42	29	-								
Donaghadee	30.31	31	2	0	0	30.14	- 47	33	32	+ 8	2	0	0	*	36	25	-								
Parsonstown	30.32	35	N	2	0	30.21	- 13	33	32	- 2	NE	2	0	2	41	31	-								
Barrow-in-Furness	30.33	37	ESE	2	0	30.20	- 18	35	34	- 5	SSE	1	0	1	41	32	-								
Holyhead	30.32	39	ESE	1	0	30.20	- 16	35	33	+ 1	E	1	0	2	39	33	-								
Liverpool (Bilston)	30.25	44	ESE	2	0	30.03	- 30	44	43	+ 7	SE	4	0	4	47	36	-								
Valencia	30.30	44	ESE	3	0	30.11	- 25	44	41	+ 10	SSE	4	0	4	44	33	-								
Roche's Point	30.28	38	ESE	2	0	30.15	- 18	37	33	+ 1	ESE	1	0	1	41	35	-								
Pembroke	30.21	44	ESE	4	0	30.07	- 19	42	39	- 2	ESE	2	0	3	45	39	-								
Seilly	30.23	38	ESE	1	0	30.09	- 17	37	34	+ 2	NE	4	0	4	42	33	-								
Prawle Point	30.19	39	NE	5	0	30.08	- 11	37	35	+ 1	ESE	4	0	3	43	35	-								
Hurst Castle	30.11	42	NE	6	0	30.02	- 07	40	39	- 2	E	5	0	4	43	39	0.03								
Dungeness	30.21	40	NNE	4	0	30.10	- 10	37	35	- 1	NNE	3	0	*	42	37	-								
London	30.26	39	NE	3	0	30.14	- 12	35	33	0	NNE	3	0	*	43	35	-								
Oxford	30.26	38	N	1	0	30.14	- 12	34	32	- 2	NNE	1	0	*	42	32	-								
Cambridge	30.23	40	ESE	7	0	30.13	- 07	38	37	- 4	ESE	6	0	6	42	36	-								
Yarmouth	30.08	39	ESE	11	0	30.01	- 01	36	35	- 7	E	5	0	3	?	36	-								
The Helder	30.10	43	NE	6	0	29.99	- 12	39	38	- 3	NE	4	0	4	45	38	0.08								
Cape Griz Nez	30.14	43	NE	3	0	30.02	- 16	39	38	0	ESE	4	0	4	45	37	0.12								
Jersey	30.08	42	NNE	8	0	30.01	- 11	40	38	- 2	NE	5	0	3	48	34	-								
Brest	29.96	41	NE	8	0	29.96	- 08	38	37	- 3	NE	7	0	2	45	34	-								
Lorient	29.88	44	NE	4	0	29.88	- 05	39	39	- 1	E	3	0	2	46	39	0.04								
Rocheport	*	*	*	*	*	30.01	00	34	33	- 4	NE	1	0	*	39	34	-								
Biarritz	*	*	*	*	*	30.01	00	34	33	- 4	NE	1	0	*	39	34	-								
Corunna	*	*	*	*	*	30.01	00	34	33	- 4	NE	1	0	*	39	34	-								
Brussels	*	*	*	*	*	30.01	00	34	33	- 4	NE	1	0	*	39	34	-								
Charleville	29.91	37	E	4	0	29.91	?	34	32	- 3	NE	4	0	*	41	34	-								
Paris	29.98	34	NNE	4	?	29.96	+ 02	37	36	0	NNE	4	0	*	?	?	-								
Lyons	29.75	34	N	4	0	29.77	?	33	32	?	NW	4	0	*	35	33	-								
Toulon	29.52	44	SW	3	0	29.64	+ 28	45	38	+ 7	NW	3	0	4	48	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).



# WEATHER

for 8 a.m. on *Tuesday*

# CHARTS

23<sup>rd</sup> DECEMBER

## 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.

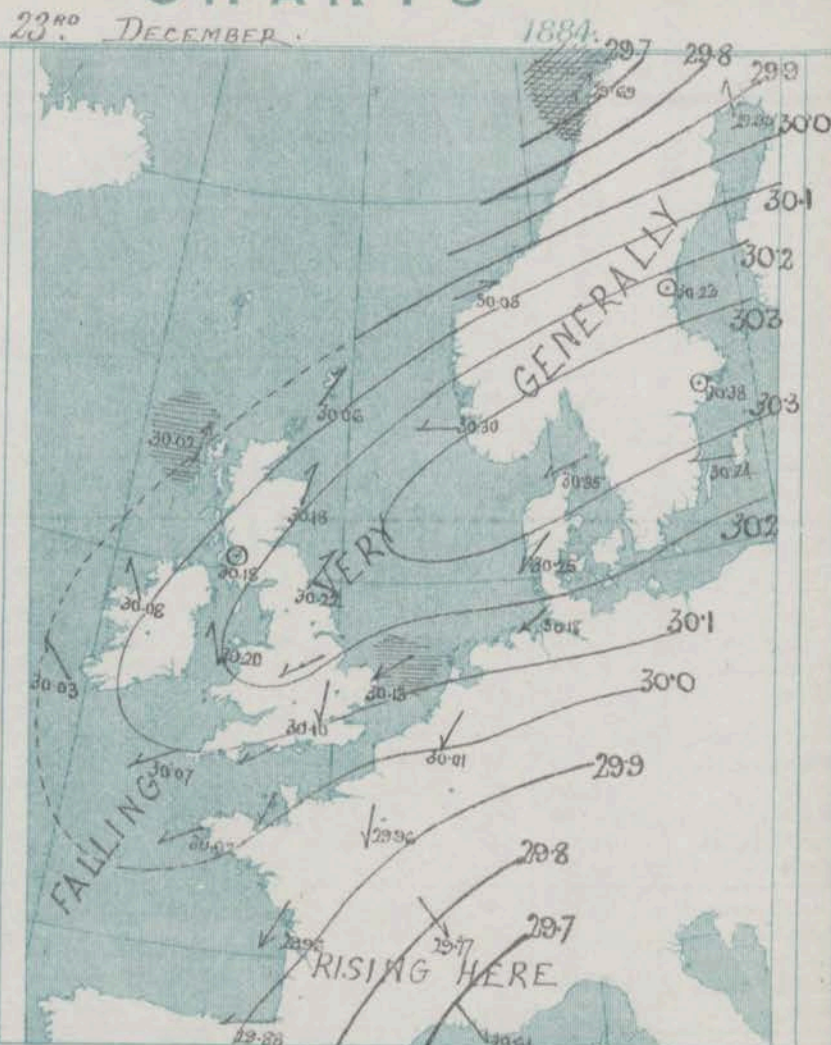
**Sea Disturbance** — where considerable is shown thus

■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head.	29.680
Stornoway.	29.701
Wick.	29.713
Nairn.	29.743
Aberdeen.	29.750
Leith.	29.800
Shields.	29.836
York.	29.877
Ardrossan.	29.870
Donaghadee.	29.832
Holyhead.	29.858
Liverpool.	29.882
Valencia.	29.879
Roche's Point.	29.889
Pembroke.	29.897
Scilly.	29.943
Hurst Castle.	29.936
Dover.	29.942
LONDON.	29.934
Oxford.	29.937
Cambridge.	29.926
Yarmouth.	29.902





# REMARKS.

for Tuesday 23<sup>rd</sup> December 1884, at 8 a.m.

A long band of high pressure extends from Scandinavia to our north-east coasts, while areas of low readings are found over the north-west of Norway and south-east of France. The barometer is rising a little at some of the French stations, but falling elsewhere - most in the west of Ireland. The wind is SE<sup>ly</sup> in Ireland and SW<sup>ly</sup> in Scotland and the west of Norway, but elsewhere it varies between E. and NE; in force it is light or moderate generally. The weather is fine in the west and north, but cloudy or overcast elsewhere with mist or fog in the north of England and south of Scotland. A little rain fell yesterday at some of our eastern and south-eastern stations. Temperature has risen a few degrees in the west, and readings now range from 44° at Valencia and Rochepoint to 30° at Kinn and Leth. The maxima registered over Scotland yesterday were below 40°; at Leth the thermometer did not exceed 34°. The sea is rough at Yarmouth, and rather rough at Stornoway, moderate to smooth elsewhere.

The winds on our western coasts are likely to freshen from SE. or S., but beyond this there is no sign of any immediate change.

# FORECASTS

for the 24 hours ending at NOON on 24<sup>th</sup> December 1884.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE <sup>ly</sup> and SW <sup>ly</sup> winds, fresh; fair to cloudy and unsettled.	6 { SCOTLAND WEST	E <sup>ly</sup> or SE <sup>ly</sup> winds, freshening; cloudy, some rain.
1 { SCOTLAND EAST	Variable or SW <sup>ly</sup> breezes; fair generally	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	Same as No 5	8 { ENGLAND S.W.	E <sup>ly</sup> to SE <sup>ly</sup> winds, fresh; dull generally.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	SE <sup>ly</sup> and SE <sup>ly</sup> winds, fresh or strong; fair to cloudy, and some rain.
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	E <sup>ly</sup> or NE <sup>ly</sup> winds, moderate; cloudy, cold.	WARNINGS	None issued



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes	30.34	35	33	E	3	C	4	Valencia	30.28	45	43	SE	4	6	4
Sumburgh Head	30.22	42	39	SW	3	C	3	Scilly	30.23	45	41	ENE	5	6c	4
Stornoway	30.22	43	42	SW	5	6	5	Dungeness	30.11	43	40	NE	6	c	5
Aberdeen	30.33	35	33	WSW	1	6	1	London	30.19	43	39	ENE	4	6c	5
Shields	30.35	40	39	NW	1	cmp	4	Yarmouth	30.21	41	39	ENE	6	cq	5
Ardrossan	30.35	35	33	E	1	6	1	Jersey	30.08	44	41	NE	7	c	5
Mullag'more	30.29	41	38	SW	4	6	3	Rochefort	29.95	41	39	NNE	8	o	4
Balmullet	30.25	40	39	SE	4	6	3								
Holyhead	30.34	41	39	NNE	4	6	3								

## REMARKS.

The barometer is now falling a little at all but our southeastern stations, but the winds are not much changed. Fine weather still prevails at all stations excepting Shields, where showers are falling. The sea is rather rough at Stornoway, Scilly, and Dungeness, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Wednesday 24<sup>th</sup> December 1884.

Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, 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 .....	29.97	29	SW	4	b	29.81	-.14	31	31	+.3	S	6	o	*	?	23	—								
Hernösand .....	30.17	15	Z	0	b	29.94	-.29	24	24	+.2	SW	6	bc	*	27	5	—								
Stockholm .....	30.29	21	NNW	2	o	30.09	-.29	24	24	0	Z	0	f	*	25	19	—								
Wisby .....	30.19	30	E	4	o	30.04	-.28	32	32	-.1	E	2	o	*	41	27	—								
Bodö .....	29.45	43	SH	9	o	29.38	-.31	41	38	-.4	SH	6	o	4	45	37	0.08								
Christiansund .....	29.99	26	Z	0	b	29.62	-.46	40	35	+.1	SH	2	o	5	41	30	—								
† Skudesnaes .....	29.22	26	SSE	4	r	29.99	-.31	40	37	+.3	SSW	6	o	4	?	26	—								
Oxö (Christiansund) .....	30.24	28	N	4	o	30.04	-.28	28	27	+.2	SSW	1	o	1	28	25	—								
Skagen (The Skaw) .....	30.24	24	ESE	2	o	30.06	-.27	31	29	+.1	Z	0	o	0	?	27	—								
Faro .....	30.15	31	E	2	o	30.08	-.17	30	29	-.1	ENE	2	o	*	32	30	—								
Cuxhaven .....	30.12	24	E	4	c	30.06	-.12	35	34	-.1	E	3	bc	*	?	33	—								
† Sumburgh Head .....	30.04	41	SH	3	c	29.84	-.22	38	37	-.1	NNW	5	r	4	42	36	0.09								
† Stornoway .....	30.04	42	SSW	6	bc	30.04	+.07	41	40	-.1	W	4	bc	3	43	38	0.04								
Wick .....	30.08	32	Z	0	b	30.02	-.06	38	38	+.3	NNW	2	o	2	40	30	—								
Nairn .....	30.08	34	Z	0	b	30.08	-.02	40	38	+.2	W	4	bc	2	40	30	—								
† Aberdeen .....	30.15	33	SW	2	b	30.09	-.09	37	35	+.2	WSW	1	b	1	37	25	0.04								
Leith .....	30.18	34	S	1	m	30.11	-.06	37	34	+.3	W	1	c	*	37	29	—								
† Shields .....	30.19	38	Z	0	m	30.16	-.06	31	29	-.2	SW	1	m	3	39	30	—								
Spurn Head .....	30.11	29	ENE	4	c	30.11	-.07	39	36	0	NNE	3	cg	3	40	37	—								
York .....	30.18	37	NNE	1	o	30.18	-.05	32	30	-.2	N	1	o	*	39	31	—								
Loughborough .....	30.14	37	NNE	3	o	30.15	-.04	35	33	-.2	NNW	1	ogm	*	39	35	—								
† Ardrossan .....	30.18	39	SST	3	o	30.19	+.01	41	39	+.2	W	2	o	2	41	30	—								
Malin Head .....	30.12	38	SSE	5	b	30.27	+.19	37	35	-.2	WSW	3	cm	2	40	36	—								
† Mullaghmore .....	30.08	35	SSE	4	b	30.28	+.27	38	38	+.2	SE	2	o	*	39	34	0.03								
Belmullet .....	30.08	35	SSE	4	b	30.28	+.27	38	38	+.2	SE	2	o	*	39	34	0.03								
Donaghadee .....	30.19	37	SSW	1	c	30.24	+.07	35	35	-.4	W	3	c	1	40	32	—								
Parsonstown .....	30.15	34	SE	1	bc	30.30	+.16	27	26	-.1	Z	0	b	*	38	22	—								
Barrow-in-Furness .....	30.18	35	NE	2	c	30.32	+.01	30	29	-.1	N	2	cm	2	36	29	—								
† Holyhead .....	30.17	35	Z	0	b	30.24	+.04	26	24	+.2	ENE	3	c	3	37	33	—								
Liverpool (Bidston) .....	30.16	36	E	1	o	30.22	+.06	30	30	-.2	NNE	1	c	2	37	33	—								
† Valencia .....	30.08	42	E	4	o	30.23	+.20	34	33	-.1	NNE	4	b	4	46	32	—								
Roche's Point .....	30.10	38	ESE	4	c	30.26	+.15	33	31	-.2	N	3	b	4	45	31	—								
Pembroke .....	30.07	36	ENE	3	c	30.20	+.05	35	32	-.3	ENE	2	cm	1	37	32	—								
† Seilly .....	30.01	40	NNE	3	c	30.11	+.04	43	41	+.2	NE	6	o	5	43	37	—								
Prawle Point .....	30.00	39	NE	4	o	30.09	0	36	34	-.2	NE	5	o	5	39	24	0.01								
Hurst Castle .....	30.11	38	ENE	5	o	30.09	+.01	37	35	0	NE	4	c	3	43	35	—								
† Dungeness .....	29.90	40	E	4	r	30.04	+.07	39	38	-.1	ENE	4	r	4	43	39	0.04								
† London .....	30.03	37	ENE	5	o	30.09	-.01	37	24	0	NE	3	ogm	*	39	35	—								
Oxford .....	30.09	36	NE	4	o	30.14	+.05	35	33	0	NE	3	c	*	38	35	—								
Cambridge .....	30.08	36	NNE	1	o	30.12	-.02	35	34	+.1	N	1	o	*	38	33	—								
† Yarmouth .....	30.06	38	ENE	6	og	30.06	-.07	38	37	0	NE	3	og	5	39	26	—								
The Helder .....	30.07	26	ENE	4	o	30.06	-.01	34	32	0	ENE	1	o	2	36	24	—								
Cape Griz Nez .....	29.95	26	E	5	o	30.01	0	37	36	+.1	ENE	7	r	5	39	24	—								
† Jersey .....	29.93	39	ENE	3	o	30.02	+.03	38	38	0	ENE	3	cm	3	40	36	0.09								
Brest .....	29.95	39	E	3	o	29.99	-.03	39	38	0	E	3	r	3	46	32	0.08								
Lorient .....	29.94	37	NE	4	o	29.99	-.05	38	36	-.2	ENE	5	c	3	45	30	—								
† Rochefort .....	29.93	37	NE	5	o	29.95	+.02	37	36	-.1	NE	5	o	2	41	32	—								
Biarritz .....	29.84	39	Z	0	r	29.93	+.09	37	37	0	SE	4	o	2	50	36	—								
Corunna .....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
Brussels .....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
Charleville .....	29.87	35	NE	4	o	29.92	+.05	35	32	+.3	NE	5	o	*	36	34	—								
Paris .....	29.92	38	NNE	1	o	29.92	0	37	36	0	NNE	1	o	*	*	*	—								
Lyons .....	29.87	34	NNW	1	o	29.87	0	33	32	0	NNW	1	o	*	34	23	—								
Touton .....	29.67	43	W	3	m	29.80	+.13	40	25	-.1	NNW	3	m	3	?	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).



# WEATHER

for 8 a.m. on

# CHARTS

Wednesday 24<sup>th</sup> Dec<sup>r</sup>

1884.

## BAROMETER, WIND & SEA.

(Explanation of Map)

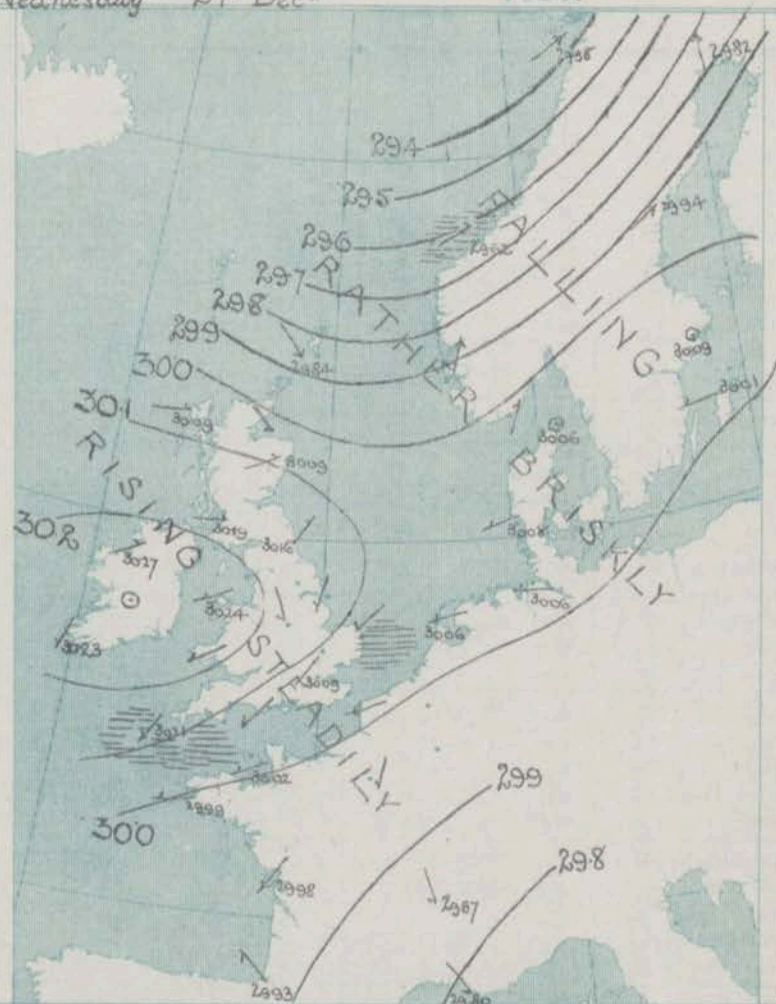
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 — = forces above 10; — = forces 8 to 10;  
 — = forces 5 to 7; — = 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 December.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.680
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.760
Leith	29.800
Shields	29.836
York	29.877
Ardrossan.	29.870
Donaghadee	29.832
Holyhead	29.858
Liverpool	29.882
Valencia	29.879
Roch's Point	29.889
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.938
Dover	29.942
LONDON	29.939
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902





# REMARKS.

for Wednesday 24<sup>th</sup> December 1884. at 8 a.m.

In the course of the past night the barometer has risen rather decidedly at our western stations and an anticyclone has been formed over the British Kingdom, having its centre over Ireland. In the meantime a very brisk fall of the barometer has taken place over Scandinavia and the extreme north of Scotland, owing to the advance of an apparently large depression from the northward towards Norway. Thus, while anticyclonic air and calm prevail in Ireland, with fine weather, westerly and northwesterly winds are blowing in on our northern coasts, and northwesterly breezes prevail in the south. Temperature has fallen considerably in Ireland, this morning, falling (27°) at Buncrana being from 11° to 12° lower than those in the north of Scotland, <sup>and west of Norway,</sup> 10° lower than those over the south of England and north of France, and 15° lower than that at Lillie. The weather is at present dry generally - clear in Ireland, partially clear in Scotland, and densely overcast and gloomy over England. Rain is reported both at Lamlash Head & Buncrana. The sea is rather rough in the south and east, slight or smooth elsewhere.

The new low-pressure area in the north will probably move south-eastwards and some subsiding disturbances on its western side will produce cold unsettled weather over our islands.

A telegram from New York states that on the 19<sup>th</sup>, in Lat. 40° N., Long. 40° W. the wind shifted from S.W. to W., force 10; barometer 29.0 in. <sup>change</sup> This may possibly be connected with the large depression which is now approaching Scandinavia from the Atlantic.

## FORECASTS

For the 24 hours ending at NOON on 25<sup>th</sup> December 1884.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	N <sup>th</sup> to N <sup>th</sup> winds, fresh to strong; Some cold showers.	6 { SCOTLAND WEST	Same as N <sup>o</sup> 0 and 1.
1 { SCOTLAND EAST	.....D.....D.....D.....	7 { ENGLAND N. W.	N <sup>th</sup> breezes, freshening; becoming showery and squally.
2 { ENGLAND N. E.	Varying N <sup>th</sup> and N <sup>th</sup> winds; fine to unsettled and showery.	8 { ENGLAND S. W.	Same as N <sup>o</sup> 5.
3 { ENGLAND EAST	.....D.....D.....D.....	9 { IRELAND NORTH	Wind becoming N <sup>th</sup> and N <sup>th</sup> , with weather; some cold showers.
4 { MIDLAND COUNTIES	.....D.....D.....D.....	10 { IRELAND SOUTH	.....D.....D.....D.....
5 { ENGLAND SOUTH	Wind backing to N. or N <sup>th</sup> with fair cold weather; afterwards becoming unsettled and showery.	WARNINGS	None Issued.



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

YESTERDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes	30.26	38	37	SE	4.	0	3	Valencia	30.01	44	42	ESE	4	6c	4
Sumburgh Head	30.03	41	39	SW	3	6c	3	Scilly	30.01	40	38	ENE	4	c	3
Stornoway	30.00	42	40	SW	6	6	5	Dungeness	29.98	39	38	E	5	r	5
Aberdeen	30.16	34	32	SW	2	6	1	London	30.05	39	37	NE	4	qfm	6
Shields	30.15	39	36	SE	1	0	3	Yarmouth	30.08	38	37	ENE	6	qf	6
Ardrossan	30.17	39	37	SSE	3	0	3	Jersey	29.94	37	37	E	3	0	3
Mullaghmore	30.09	40	37	SSE	4	6	3	Rochefort	29.93	39	38	NE	5	0	c
Belmullet	30.02	40	39	SSE	3	6	4								
Holyhead	30.16	36	34	ESE	2	om	4								

## REMARKS.

The barometer continues to fall a little in most places, but no important change is shown in the winds or weather. The sea is rough at Yarmouth, rather rough at Stornoway and Dungeness, moderate to smooth elsewhere.

## NOTE.

The Daily Weather Report for Christmas Day will not be issued till Saturday 27<sup>th</sup> Inst.



# DAILY WEATHER REPORT

for *Thurs day* 25<sup>th</sup> December 1884.

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.		Sec. (0 to 9).	Weather.	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.		
Haparanda	29.69	28	S	4	bc	29.72	-.03	21	20	-.10	N	2	b	*	32	?	—	
Hernösand	29.68	32	Z	0	o	29.80	-.14	10	10	—	14	Z	0	b	*	?	5	—
Stockholm	29.70	25	Z	0	o	29.92	-.17	23	?	—	1	Z	0	o	*	30	19	—
Wisby	29.81	32	N	6	s	29.89	-.14	30	28	—	2	NNW	4	c	*	34	23	—
Bodö	29.26	37	SW	8	r	29.75	+.37	33	32	-.10	8	N	4	bc	3	41	30	—
Christiansund	29.58	37	NW	2	bc	29.92	+.30	30	35	-.05	4	NN	2	bc	5	?	34	0.32
Skudesnaes	29.76	35	NW	7	o	30.04	+.02	34	33	-.01	6	N	2	bc	3	37	34	—
Oxö (Xtiansund)	29.41	36	W	4	b	29.95	-.09	34	30	-.04	6	NNE	6	b	2	37	32	—
Skagen (The Skaw)	29.63	32	W	4	c	29.91	-.15	35	33	-.02	4	Z	0	o	0	?	28	0.04
Faro	29.64	35	NNW	4	c	29.83	-.25	29	28	-.01	1	NE	4	b	*	36	28	—
Cuxhaven	30.03	33	N	3	o	29.87	-.25	30	34	-.04	5	S	1	f	*	?	27	—
Sumburgh Head	29.97	26	N	4	bc	30.13	+.16	33	30	-.03	5	NNE	1	bc	2	41	31	0.05
Stornoway	30.18	39	NNW	3	bc	30.18	+.09	35	35	—	6	NW	1	b	1	42	34	0.05
Wick	30.07	39	NN	2	o	30.15	+.16	33	32	-.01	5	NN	1	c	1	40	33	0.12
Nairn	30.12	38	NNW	?	o	30.19	+.11	36	34	-.02	4	S	1	o	2	40	35	0.02
Aberdeen	30.09	38	NN	4	bc	30.17	+.08	36	34	-.02	1	NNN	3	bc	2	42	35	0.06
Leith	30.13	40	W	1	m	30.17	+.03	39	35	-.04	2	NW	1	c	*	41	35	—
Shields	30.10	36	WSN	1	bc	30.11	-.05	40	37	-.03	9	N	4	c	4	40	29	0.11
Spurn Head	30.07	36	NN	3	o	29.99	-.12	38	37	-.01	1	N	5	bc	4	40	35	0.11
York	30.15	36	N	1	o	30.09	-.09	34	34	-.01	2	N	1	bc	*	37	31	0.02
Loughborough	30.15	34	W	1	o	30.08	-.07	37	35	-.02	2	NNN	4	o	*	37	34	—
Ardrossan	30.17	40	NE	1	b	30.21	+.02	39	37	-.02	2	N	1	o	1	45	35	—
Malin Head	30.29	43	NNW	4	op	30.26	-.03	41	40	-.01	4	NNN	1	o	3	44	36	0.02
Mullaghmore	30.31	42	N	3	b	30.27	-.04	41	41	-.01	3	N	3	bc	*	45	?	0.14
Belmullet	30.31	42	N	3	b	30.27	-.04	41	41	-.01	3	N	3	bc	*	45	?	0.14
Donaghadee	30.22	40	NN	1	o	30.21	-.03	43	40	-.03	8	NE	5	b	3	44	35	0.02
Parsonstown	30.22	31	Z	0	b	30.27	-.03	34	34	-.01	7	NNW	1	f	*	35	26	—
Barrow-in-Furness	30.16	38	N	2	b	30.16	-.06	36	34	-.02	6	N	2	bc	2	38	24	—
Holyhead	30.22	45	NW	4	o	30.18	-.06	43	38	-.05	7	NE	5	b	4	45	36	—
Liverpool (Bidston)	30.16	39	NN	3	o	30.14	-.09	37	34	-.03	4	NNN	2	b	3	41	33	—
Valencia	30.34	41	NNE	3	o	30.24	+.06	38	38	-.01	4	Z	0	c	1	42	34	—
Roche's Point	30.24	36	N	4	bc	?	?	41	39	+.02	8	?	3	c	3	41	33	—
Pembroke	30.22	36	ENE	1	c	30.18	-.07	41	39	+.02	6	NE	2	c	1	43	34	0.14
Seilly	30.19	40	NNE	6	o	30.12	+.01	46	45	-.01	3	N	6	op	5	46	39	0.04
Prawle Point	30.22	33	NNE	2	bc	30.09	-.01	38	37	-.01	2	NNN	1	o	1	38	30	—
Hurst Castle	30.15	37	NE	3	c	30.04	-.05	37	35	-.02	0	N	3	c	3	40	30	—
Dungeness	30.08	37	N	3	c	29.93	-.11	36	35	-.01	3	NNN	3	c	2	41	34	0.04
London	30.14	36	NE	2	og	30.02	-.07	35	33	-.02	2	N	2	bc	*	38	24	—
Oxford	30.16	33	NNW	2	o	30.06	-.08	36	34	-.02	1	NNW	2	og	*	37	28	—
Cambridge	30.09	34	N	1	o	30.04	-.11	34	34	-.01	1	N	1	o	*	37	33	—
Yarmouth	30.07	37	NN	2	o	29.94	-.12	39	38	-.01	1	N	5	bc	5	39	34	0.02
The Helder	29.99	37	NNN	1	c	29.87	-.25	37	35	-.02	3	NNE	3	c	2	41	32	—
Cape Griz Nez	3	3																
Jersey	30.11	39	NE	3	cgm	30.02	-.09	42	40	-.02	4	NNE	3	ow	3	42	38	0.02
Brest	30.13	39	E	3	b	30.11	+.12	41	38	-.03	2	NE	1	o	3	41	38	—
Lorient	30.11	41	E	4	bc	30.08	+.09	41	38	+.03	3	N	4	o	2	43	34	—
Rocheport	30.10	39	NE	5	c	30.09	+.11	39	36	+.03	2	NE	5	o	2	43	30	—
Biarritz	30.02	40	ENE	4	o	30.02	+.09	38	37	+.01	1	E	2	o	1	42	26	—
Corunna	*	*	*	*	*	30.05		41	40	-.01		E	1	b	4	32	24	—
Brussels	*	*	*	*	*	29.84		34	33	-.01		WSN	1	c	*	?	31	—
Charleville	29.99	32	N	3	o	29.84	-.15	29	28	-.01	6	N	1	s	*	29	27	—
Paris	30.06	36	NE	4	o	29.97	-.10	36	35	-.01	?	?	4	m	*	*	*	—
Lyons															*			
Toulon	29.73	40	NNN	5	bc	29.67	-.06	34	32	-.02	6	N	5	c	4	48	35	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

Thursday 25<sup>th</sup> Dec<sup>r</sup>

1884.

## 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

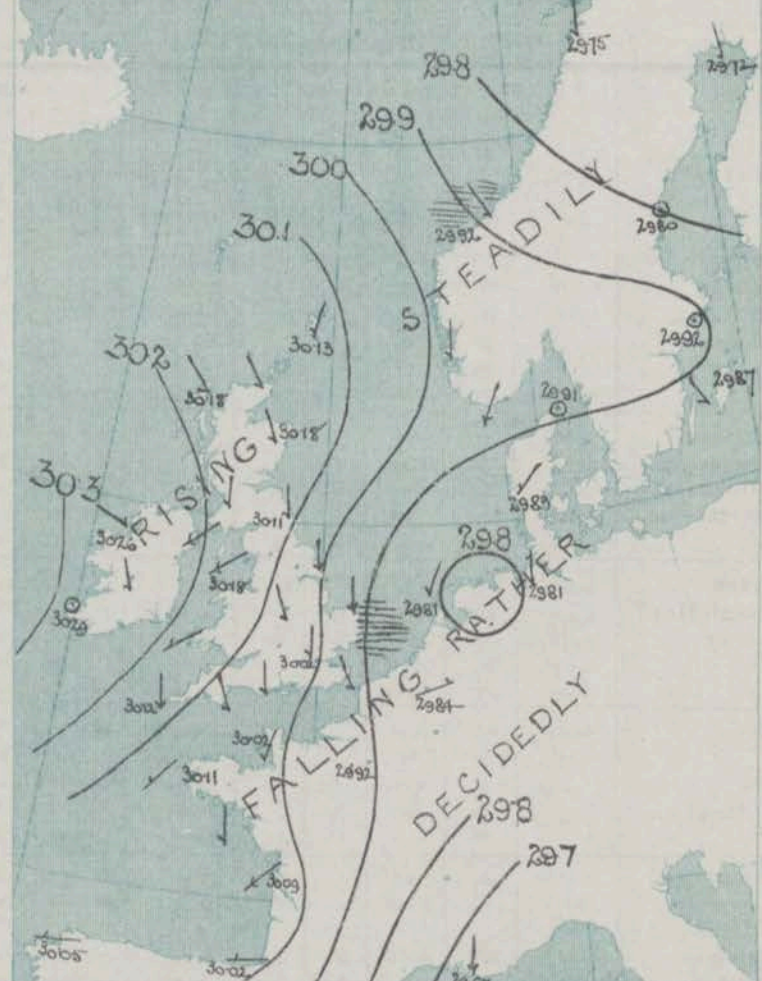
— Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of December

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.680
Stornoway	29.701
Wick	29.713
Nairn	29.747
Aberdeen	29.750
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.870
Donaghadee	29.832
Ballyhead	29.858
Liverpool	29.882
Valencia	29.879
Roches Point	29.859
Pembroke	29.837
Scilly	29.843
Hurst Castle	29.838
Dover	29.842
LONDON	29.834
Oxford	29.837
Cambridge	29.826
Yarmouth	29.802



## 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.

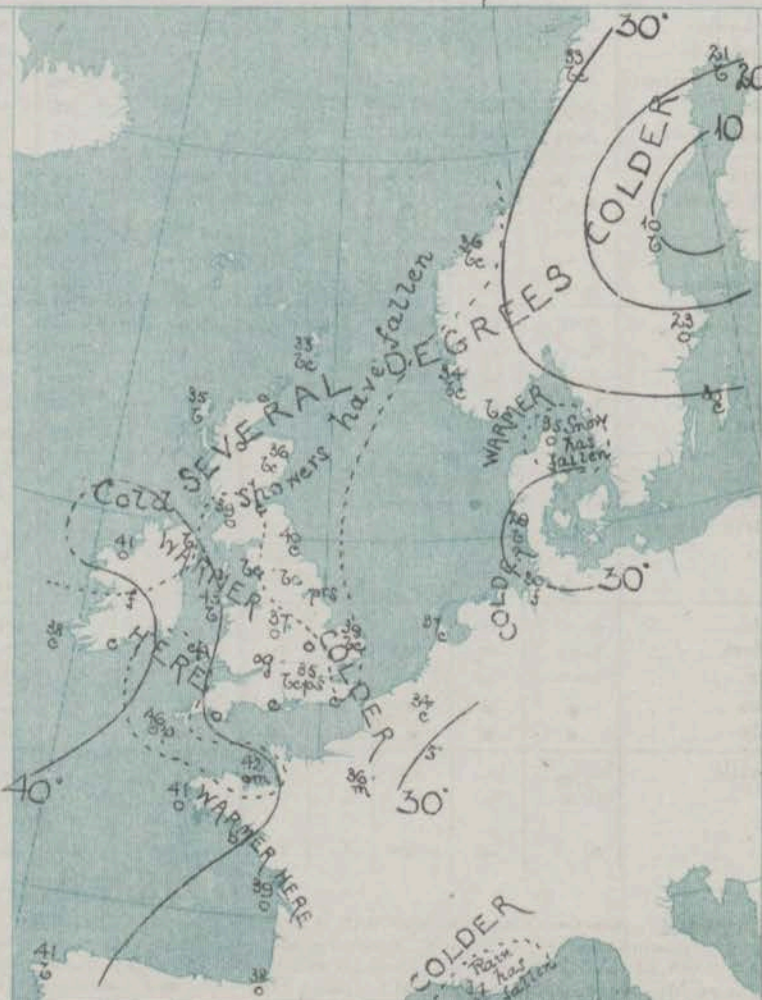
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	39.0	37.6	4.13
Stornoway	38.9	37.8	5.61
Wick	37.8	36.4	3.21
Nairn	36.9	35.4	2.01
Aberdeen	36.8	35.3	3.92
Leith	36.4	37.0	1.95
Shields	39.2	36.9	3.07
York	36.2	35.4	2.64
Ardrossan	40.1	38.3	9.17
Donaghadee	40.1	39.1	2.85
Ballyhead	42.9	41.3	4.03
Liverpool	39.1	37.4	2.89
Valencia	49.7	41.8	6.05
Roches Point	42.9	41.4	4.89
Pembroke	43.7	42.6	4.26
Scilly	47.2	46.3	4.18
Hurst Castle	40.6	38.9	2.86
Dover	40.0	38.8	5.51
LONDON	38.1	37.1	2.28
Oxford	37.3	36.6	2.19
Cambridge	36.5	35.6	2.02
Yarmouth	37.9	37.2	2.99

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for Thursday 25<sup>th</sup> DEC<sup>r</sup>

1884. at 8 a.m.

A slight fall of the barometer has not set in except in Scotland and the west of Norway, where pressure continues to increase. The anticyclone whose centre was found yesterday over Ireland, has travelled somewhat to the westward, and a slight shallow depression is now found between Helder and Cuxhaven. The wind is light from the NW in Scotland, but over Ireland, England and France it draws into NE., and blows rather more freely. The weather is fair over our islands and Scandinavia, but slight showers of sleet and snow are falling at Spurn-Head and in London. In France the weather is dull, with mist over the northern Departments. Slight showers of rain and sleet have fallen over the more northern and western districts. Temperature has fallen in the north and over the south-eastern counties of England, the present reading ranging from 33° at Wick to 46° at Kelly. The sea is rough at Christiansund and Yarmouth, moderate to smooth elsewhere.

# FORECASTS

for the 24 hours ending at NOON on 26<sup>th</sup> DEC<sup>r</sup>  
(Issued at 11 a.m. on the previous day.)

1884.

## 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

None Issued.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.76	37	36	WNW	6	r	3	Valencia	30.22	40	38	N	2	0	2
Sumburgh Head	29.88	39	34	NNW	5	csp	1	Scilly	30.16	42	40	NE	4	0	5
Stornoway	30.14	40	39	WNW	4	chp	3	Dungeness	30.07	39	36	NE	3	0	3
Aberdeen	30.07	38	36	WNW	3	om	1	London	30.08	38	34	NE	2	omf	*
Shields	30.10	36	34	WSW	2	c	3	Yarmouth	30.07	38	36	NNE	4	og	5
Ardrossan	30.13	44	40	NNW	2	b	1	Jersey	30.07	41	40	NE	3	0	3
Mullaghmore	30.29	44	42	NW	2	omf	3	Rochefort	30.06	40	38	NE	5	0	2
Belmullet	30.31	45	43	NW	3	bc	2								
Holyhead	30.22	41	38	NNW	3	om	3								

## REMARKS.

The depression noticed in the north this morning is apparently passing to the south-eastwards over Scandinavia. Showers of snow are falling at our most northern stations, but elsewhere very little change is reported. The sea is still rather rough at Yarmouth, Scilly.



# DAILY WEATHER REPORT

for *Friday 26<sup>th</sup> Dec<sup>r</sup> 1884.*

*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 Reading at 32° F. and Sea Level.	BAROMETER.			SHADE TEMP.			WIND.		Sea (0 to 9).	Shade Temp.	Max.	Min.	Amount of Rainfall.
			Dir.	Force (0 to 12).			Reading at 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Dir.	Force (0 to 12).					
Haparanda .....	29.83	24	SW	2	0	29.61	-11	30	28	+9	SW	4	0	0	?	10	-	-	-
Hernösand .....	30.16	8	SW	0	0	29.92	+12	22	21	+12	SW	2	0	0	?	3	-	-	-
Stockholm .....	30.17	22	SW	0	0	30.17	+25	26	25	+3	SW	2	0	0	27	21	-	-	-
Wisby .....	29.97	27	N	4	0	30.14	+27	31	30	+1	S	2	0	0	41	25	-	-	-
Bodö .....	29.46	39	SW	6	0	29.30	-45	40	39	+1	SW	9	0	5	41	3	0.12	-	-
Christiansund .....	29.88	39	WSW	4	0	29.73	-19	44	39	+5	WSW	4	0	5	45	34	-	-	-
† Skudesnaes .....	30.19	39	ESE	4	0	30.10	+9	41	39	+2	WSW	2	0	3	?	34	0.16	-	-
Oxö (Xtiansund) .....	30.17	28	WNW	4	0	30.12	+17	28	26	-6	WNW	2	0	1	36	?	-	-	-
Skagen (The Skaw) .....	30.17	31	S	2	0	30.15	+24	32	30	-3	S	2	0	0	?	25	-	-	-
Fanö .....	30.17	31	E	2	0	30.18	+35	31	30	+2	ESE	3	0	0	34	28	-	-	-
Cuxhaven .....	30.13	31	E	2	0	30.17	+36	31	31	+1	NE	2	0	0	38	31	-	-	-
† Sumburgh Head .....	30.04	40	SW	3	0	29.92	-21	45	44	+12	W	4	0	4	45	31	0.12	-	-
† Stornoway .....	30.12	42	SSW	2	0	30.03	-15	45	45	+10	SW	3	0	2	45	33	0.01	-	-
Wick .....	30.13	36	WNW	2	0	30.03	-15	40	39	+7	SW	2	0	1	40	30	-	-	-
Nairn .....	30.13	36	WNW	2	0	30.03	-15	40	39	+7	SW	2	0	1	40	30	-	-	-
† Aberdeen .....	30.20	38	WSW	1	0	30.10	-9	32	31	-4	WSW	1	0	1	39	26	-	-	-
Leith .....	30.21	36	NW	1	0	30.12	-5	36	33	-3	W	1	0	0	41	24	-	-	-
† Shields .....	30.15	40	NNE	2	0	30.18	+7	31	30	-9	SW	1	0	4	42	30	-	-	-
Spurn Head .....	30.06	40	ESE	5	0	30.13	+14	38	37	0	ESE	4	0	4	42	37	0.03	-	-
York .....	30.12	38	ESE	1	0	30.19	+10	31	31	-3	N	1	0	0	43	38	0.01	-	-
Loughborough .....	30.07	38	N	3	0	30.14	+6	34	34	-3	NW	1	0	0	41	34	0.01	-	-
† Ardrossan .....	30.22	36	ESE	1	0	30.16	-5	35	35	-4	W	0	0	0	41	29	-	-	-
Malin Head .....	30.22	40	W	0	0	30.19	-9	40	40	-1	WSW	1	0	2	43	40	-	-	-
† Mullaghmore .....	30.19	40	W	0	0	30.20	-9	40	40	-1	S	3	0	0	44	39	0.02	-	-
Belmullet .....	30.19	40	W	0	0	30.20	-9	40	40	-1	S	3	0	0	44	39	0.02	-	-
Donaghadee .....	30.23	41	E	4	0	30.21	-9	38	32	-10	WNW	2	0	0	44	30	-	-	-
Parsonstown .....	30.22	34	NNE	1	0	30.25	-2	24	23	-10	W	0	0	0	39	24	-	-	-
Barrow-in-Furness .....	30.17	37	N	1	0	30.21	+5	31	30	-5	N	2	0	2	40	31	-	-	-
† Holyhead .....	30.17	42	NNE	5	0	30.19	+1	37	36	-6	SSW	1	0	1	43	36	-	-	-
Liverpool (Bidston) .....	30.15	35	N	2	0	30.18	+4	34	33	-3	NNE	1	0	2	38	33	-	-	-
† Valencia .....	30.22	43	NNE	2	0	30.23	-6	35	34	-3	NNE	1	0	1	47	33	-	-	-
Roche's Point .....	30.19	39	N	3	0	30.21	?	38	31	-8	N	2	0	3	46	32	-	-	-
Pembroke .....	30.10	39	NNE	3	0	30.15	+2	36	33	-5	NNE	3	0	1	42	34	-	-	-
† Scilly .....	30.03	44	NNE	6	0	30.08	-4	41	39	-5	ESE	5	0	4	46	39	0.02	-	-
Prawle Point .....	30.01	35	N	1	0	30.07	-2	38	35	0	NNE	5	0	4	43	33	-	-	-
Hurst Castle .....	29.96	38	NNE	5	0	30.06	+2	38	37	+1	NNE	4	0	3	42	33	-	-	-
† Dungeness .....	29.88	38	N	4	0	30.08	+10	37	35	+1	NNE	4	0	3	40	34	0.11	-	-
† London .....	29.99	39	NNE	3	0	30.08	+2	36	34	+1	NNE	3	0	0	40	33	-	-	-
Oxford .....	30.05	36	NNE	3	0	30.12	+6	34	34	-2	NNE	2	0	0	40	32	0.02	-	-
Cambridge .....	30.01	35	N	1	0	30.13	+12	34	33	0	NNE	1	0	0	40	31	0.10	-	-
† Yarmouth .....	29.97	40	ESE	7	0	30.11	+17	36	34	-3	ESE	6	0	5	40	34	0.07	-	-
The Helder .....	30.07	33	ESE	3	0	30.12	+31	32	30	-5	ESE	3	0	3	39	30	-	-	-
Cape Griz Nez .....	29.86	37	NNE	5	0	29.97	?	37	31	-6	ESE	4	0	3	43	30	-	-	-
† Jersey .....	29.91	39	NNE	5	0	29.97	-5	38	36	-4	ESE	4	0	3	42	36	0.04	-	-
Brest .....	29.96	41	NNE	4	0	29.99	-12	35	33	-6	E	3	0	3	43	32	0.20	-	-
Lorient .....	29.92	42	N	7	0	29.95	-13	34	32	-2	NNE	7	0	2	45	30	-	-	-
† Rochefort .....	29.89	40	N	8	0	29.90	-14	32	29	-3	NNE	8	0	2	43	27	-	-	-
Biarritz .....	29.84	38	E	3	0	29.77	-25	?	?	?	E	4	0	1	48	41	0.08	-	-
Corunna .....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels .....	*	*	*	*	*	30.02	+18	24	24	-10	NNE	1	0	0	36	23	-	-	-
Charleville .....	?	33	N	1	0	29.89	+5	30	?	+1	N	1	0	0	39	27	-	-	-
Paris .....	29.88	38	NNE	4	0	29.95	+3	30	28	-6	NNE	4	0	0	*	*	-	-	-
Lyons .....	29.79	28	WNW	1	0	29.81	?	27	27	?	W	1	0	0	32	27	-	-	-
Touton .....	29.65	33	WNW	5	0	29.78	+11	30	28	-4	WNW	1	0	0	37	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. (Christinia time).

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



# WEATHER

for 8 a.m. on Friday

# CHARTS

26<sup>th</sup> DECEMBER

## 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

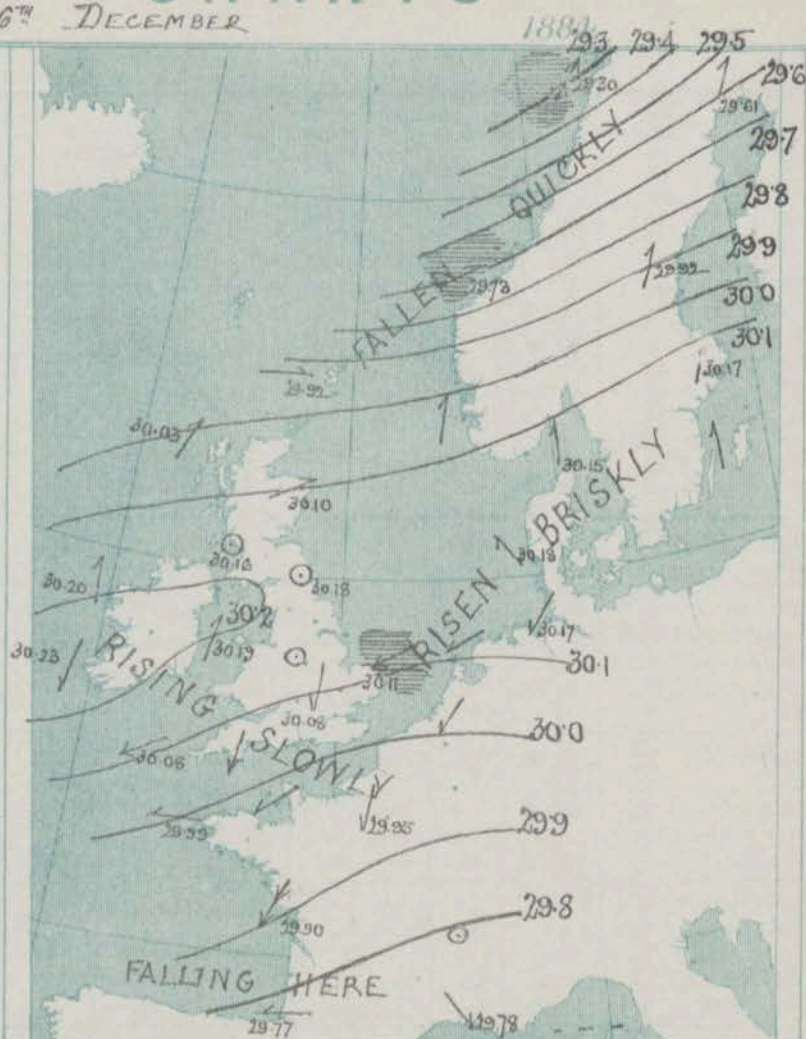
■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of December

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.680
Stornoway	29.701
Wick	29.713
Nairn	29.743
Aberdeen	29.760
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.810
Donaghadee	29.832
Holyhead	29.856
Liverpool	29.882
Valencia	29.879
Rock's Point	29.889
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.936
Dover	29.942
LONDON	29.943
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902





for Friday 26<sup>th</sup> DECEMBER 1884. at 8 a.m.

There is no indication of any important change.

for the 24 hours ending at NOON on 27<sup>th</sup> DECEMBER 1884.  
(Issued at 11 a.m. on the previous day.)

*Frederick Dangerfield, Lith. London, 1831*



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.10	37	35	ESE	2	bc	3	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dungeness					
Aberdeen								London					*
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort	29.97	41	37	4	5
Belmullet												c	2
Holyhead													

## REMARKS.



# DAILY WEATHER REPORT

for Saturday 27<sup>th</sup> Dec<sup>r</sup> 1884.

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.		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	29.50	32	SW	4	0		29.44	- .17	27	26	- 3	SW	2	6	*		32	23	-
Hernösand	29.75	20	SW	2	6		29.71	- .21	27	26	- 3	W	0	6	*		?	5	-
Stockholm	30.01	25	W	0	0		29.85	- .32	33	32	+ 1	W	2	0	*		?	19	-
Wisby	30.06	33	E	2	0		29.94	- .20	34	32	+ 3	W	6	0	*		43	27	-
Bodö	29.28	35	SW	2	0		29.46	+ .16	35	30	- 5	NW	2	0	1		41	28	-
Christiansund	29.69	40	WSW	9	1		29.86	+ .12	37	35	- 2	NW	6	0	6		?	34	0.43
† Skudesnaes	29.99	43	WSW	4	1		30.04	- .06	41	40	- 0	NW	2	0	3		43	?	0.12
Oxö (Xtiansund)	30.02	40	W	4	0		30.00	- .12	40	38	+ 12	H	4	0	2		?	?	-
Skagen (The Skaw)	30.04	34	WSW	3	0		29.99	- .16	41	41	+ 0	WSW	4	0	3		41	28	-
Fanö	30.16	27	W	0	0		30.10	+ .01	37	36	+ 6	W	4	0	*		37	27	-
Cuxhaven	30.18	31	NE	3	0		30.24	+ .07	30	30	- 1	SW	1	0	*		33	28	-
† Sumburgh Head	29.92	42	W	3	0		29.97	+ .05	43	42	- 2	W	3	0	3		45	40	0.15
† Stornoway	30.06	40	SW	2	0		30.01	- .02	44	44	- 1	SSW	4	0	4		45	35	0.04
Wick	30.05	41	NW	2	0		30.04	+ .01	39	38	- 1	NW	1	0	1		42	35	-
Nairn	30.07	40	W	0	0		30.07		39	37		W	0	0	1		45	31	-
† Aberdeen	30.10	34	WSW	1	0		30.14	+ .04	30	29	- 2	WSW	1	0	1		37	29	-
Leith	30.11	40	W	1	0		30.16	+ .04	40	36	+ 4	W	1	0	*		40	33	-
† Shields	30.15	37	WSW	2	0		30.21	+ .03	35	34	+ 4	SW	2	0	3		37	30	-
Spurn Head	30.15	38	SSW	2	0		30.21	+ .08	36	36	- 2	NW	1	0	3		40	35	-
York	30.17	35	W	1	0		30.27	+ .08	27	27	- 4	W	1	0	*		38	26	-
Loughborough	30.17	35	NE	1	0		30.26	+ .12	31	31	- 3	ESE	1	0	1		37	29	-
† Ardrossan	30.14	41	W	0	0		30.18	+ .02	40	40	+ 5	ESE	1	0	1		43	33	0.02
Malin Head																			
† Mullaghmore	30.18	43	SW	1	0		30.19	- .00	43	41	+ 3	W	2	0	2		43	40	-
† Belmullet	30.17	43	SSW	3	0		30.15	- .05	42	42	+ 2	SSW	3	0	0		44	40	0.04
Donaghadee	30.19	40	W	1	0		30.21	- .00	40	40	+ 1	WSW	1	0	0		42	32	0.01
† Parsonstown	30.24	33	W	0	0		30.22	- .03	36	35	+ 12	W	0	0	*		36	24	-
Barrow-in-Furness	30.17	36	W	2	0		30.23	+ .02	37	36	+ 6	SE	2	0	2		38	31	-
† Holyhead	30.18	40	W	0	0		30.23	+ .04	39	38	+ 2	SE	1	0	1		41	36	-
Liverpool (Bidston)	30.16	37	ESE	1	0		30.24	+ .06	28	28	- 6	SSE	2	0	3		39	28	-
† Valencia	30.21	39	NE	1	0		30.21	- .02	38	38	- 2	W	0	0	0		42	32	-
Roche's Point	30.20	38	NNE	3	0		30.20	- .01	37	36	+ 4	NNE	2	0	3		45	33	-
Pembroke	30.15	38	ESE	3	0		30.20	+ .05	38	32	- 3	ESE	2	0	0		40	32	-
† Seilly	30.07	43	NNE	5	0		30.13	+ .05	37	35	- 4	ESE	4	0	4		43	35	-
Prawle Point	30.08	36	NNE	5	0		30.14	+ .07	36	35	- 2	NE	5	0	4		38	33	-
Hurst Castle	30.09	36	NE	4	0		30.17	+ .11	36	35	- 2	ESE	4	0	2		44	35	-
† Dungeness	30.03	37	NE	4	0		30.15	+ .12	36	35	- 1	E	4	0	3		40	35	-
London	30.14	35	NE	2	0		30.20	+ .12	37	35	+ 1	E	3	0	3		37	34	-
Oxford	30.17	30	NE	3	0		30.24	+ .12	33	32	- 3	NE	3	0	3		35	29	-
Cambridge	30.16	34	ESE	1	0		30.26	+ .13	34	33	0	ESE	1	0	0		37	33	-
† Yarmouth	30.13	35	ESE	5	0		30.25	+ .14	36	35	0	ESE	3	0	4		36	34	-
The Helder	30.17	33	ESE	3	0		30.27	+ .15	31	30	- 1	ESE	1	0	1		33	30	-
Cape Griz Nez	29.99	31	ESE	7	0		30.15	+ .18	31	31	0	ESE	3	0	2		36	30	-
† Jersey	29.98	39	ESE	4	0		30.06	+ .09	36	35	- 2	ESE	4	0	3		40	35	0.01
Brest	29.99	39	E	3	0		30.03	+ .04	37	30	+ 2	E	4	0	3		41	34	-
Lorient	29.96	36	ESE	7	0		29.99	+ .04	36	34	+ 2	NE	7	0	4		43	30	-
† Rochefort	29.91	32	ESE	5	0		29.91	+ .01	30	29	- 2	E	5	0	2		39	25	-
Biarritz	29.83	35	E	4	0		29.77	0.00	41	?	?	E	4	0	1		41	30	-
Cornuana	*	*	*	*	*		*	*	*	*	*	*	*	*	*		*	*	*
Brussels	*	*	*	*	*		30.20	+ .18	32	32	+ 8	E	3	0	*		33	?	-
Charleville	29.98	32	N	7	0		30.13	+ .24	31	?	+ 1	NE	1	0	*		32	28	?
Paris	30.02	31	NW	4	0		30.13	+ .18	35	32	+ 5	NNE	1	0	*		*	*	-
Lyons	29.93	28	NW	1	0		30.01	+ .20	27	27	0	NW	1	0	*		33	?	-
Toulon	29.84	37	ESE	4	0		29.82	+ .04	45	41	+ 15	ESE	9	0	7		45	?	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.  
 \* 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> DECEMBER

1884.

## BAROMETER, WIND & SEA.

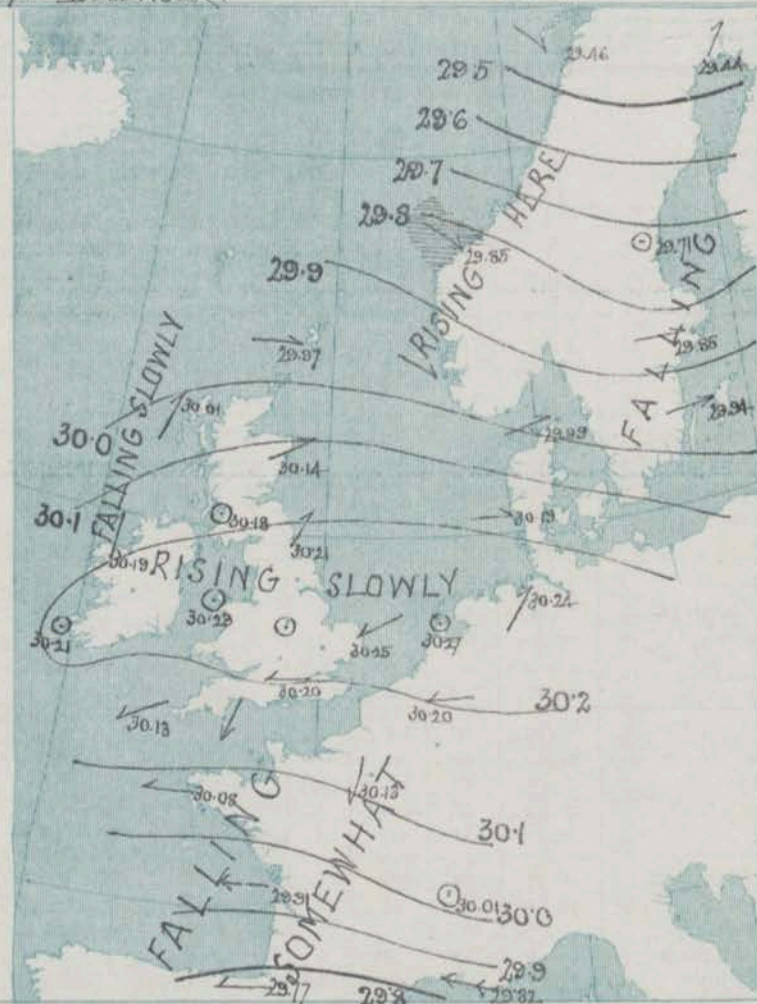
(Explanation of Map)

**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 December.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.680
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.760
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.870
Donaghadee	29.832
Holyhead	29.888
Liverpool	29.882
Valencia	29.879
Roche's Point	29.859
Pembroke	29.897
Scilly	29.843
Hurst Castle	29.936
Dover	29.942
LONDON	29.939
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902



## 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 AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	38.0	37.6	4.13
Stornoway	38.3	37.8	6.61
Wick	37.4	36.4	3.21
Nairn	36.8	35.4	2.01
Aberdeen	36.9	35.3	3.92
Leith	35.4	37.0	1.95
Shields	38.2	36.9	3.03
York	36.2	36.4	2.59
Ardrossan	40.1	38.3	4.17
Donaghadee	40.1	39.1	2.85
Holyhead	42.9	41.3	4.03
Liverpool	39.1	37.4	2.89
Valencia	44.7	41.8	6.05
Roche's Point	42.9	41.4	4.89
Pembroke	41.7	42.6	4.26
Scilly	47.2	46.3	4.18
Hurst Castle	40.6	39.9	2.98
Dover	40.0	38.8	3.57
LONDON	38.1	37.1	2.28
Oxford	37.3	36.6	2.19
Cambridge	36.3	35.6	2.02
Yarmouth	37.9	37.2	2.29

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for SATURDAY 27<sup>th</sup> DEC<sup>r</sup>

1884, at 8 a.m.

Very little change has occurred since yesterday. A long band of high pressure still extends across Ireland, England and the southern part of the North Sea to North Germany while areas of relatively low readings are found over the north of Scandinavia and south of France. In the neighbourhood of the pressure area the barometer still rises, but elsewhere it is falling a little. Moderate W<sup>ly</sup> breezes prevail in Scandinavia and Denmark, and SW<sup>ly</sup> breezes on our extreme north-west coast, but at our southern and the French stations E<sup>ly</sup> or NE<sup>ly</sup> winds are still reported. The weather is fine in Sweden and Scotland, but cloudy or overcast elsewhere, with fog or mist in many parts of our Islands. In the course of the past twenty-four hours a little rain has fallen on our extreme north and north-west coasts. Temperature has risen a little in Ireland, the south of Scotland and Denmark, but fallen elsewhere; reading now range from 44° at Stromway to 27° at York. Sea is moderate to smooth.

There is at present no sign of any important change in the weather but the band of high pressure over our Islands seems likely to disperse gradually.

## FORECASTS

for the 24 hours ending at NOON on 28<sup>th</sup> DECEMBER 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW <sup>ly</sup> and W <sup>ly</sup> Winds, moderate; fair generally.	6 { SCOTLAND WEST	Same as N°2
1 { SCOTLAND EAST	..... D° ..... D° ..... D° .....	7 { ENGLAND N. W.	SE <sup>ly</sup> or S <sup>ly</sup> winds, light; cloudy, some mist or fog.
2 { ENGLAND N. E.	Variable or SW <sup>ly</sup> breezes, cloudy, some mist or fog.	8 { ENGLAND S. W.	E <sup>ly</sup> or NE <sup>ly</sup> winds, moderate; fair generally.
3 { ENGLAND EAST	Same as N°5	9 { IRELAND NORTH	SE <sup>ly</sup> or S <sup>ly</sup> winds, light, dull, some mist.
4 { MIDLAND COUNTIES	Same as N°5.	10 { IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 { ENGLAND SOUTH	E <sup>ly</sup> and NE <sup>ly</sup> winds, moderate; cloudy, some mist or fog.	WARNINGS	NONE ISSUED.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skutlesnaes	30.06	42	39	WSW	4	N	3	Valencia	30.21	42	40	N	1	6m	2
Sumburgh Head	29.91	44	43	W	4	E	4	Scilly	30.08	42	39	ESE	5	0	4
Stornoway	30.05	44	44	WSW	3	E	2	Dungeness	30.02	37	36	NE	4	e	3
Aberdeen	30.08	36	35	WSW	1	om	1	London	30.06	35	33	NE	3	og	5
Shields	30.15	36	34	WSW	1	om	4	Yarmouth	30.10	36	34	ESE	5	e	5
Ardrossan	30.13	38	38	2	0	0	0	Jersey	29.96	37	36	NE	3	0	3
Mullaghmore	30.17	42	42	SW	2	NW	2	Rochefort	29.92	34	31	ESE	7	0	2
Belmullet	30.16	44	44	ESE	3	W	4								
Holyhead	30.18	41	39	2	0	om	0								

## REMARKS.

The barometer has begun to fall a little in the north west of Ireland, but beyond this no important change has occurred since the morning. The sea is rather rough at Yarmouth, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Sunday 28<sup>th</sup> DEC<sup>r</sup> 1884.

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

Issued by the Meteorological Office, 16, Victoria Street, London, W. 1.																		
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 .....	29.88	44	W	2	b	29.89	+ .05	26	26	—	1	SW	4	0	•	27	12	—
Hernösand ...	30.08	47	L	0	b	30.12	+ .04	28	26	+	1	SW	2	0	•	30	10	—
Stockholm ...	30.14	27	W	2	b	30.33	+ .48	21	20	—	12	L	0	0	•	36	?	—
Wisby ...	30.04	28	NNE	2	b	30.26	+ .32	28	?	—	6	E	2	0	•	43	?	—
Bodö ...	29.77	31	S	2	0	29.50	+ .04	42	42	+	7	SW	8	7	6	?	28	0.32
Christiansund...	29.83	43	SW	3	0	29.40	+ .05	43	39	+	6	SW	2	0	5	43	24	—
† Skudesnaes ...	30.16	42	SSE	4	0	30.21	+ .07	43	42	+	2	SSE	4	0	4	45	44	—
(Oxö (Åtiansund) ...)	30.15	38	WNW	2	0	30.24	+ .24	34	32	—	6	NNW	1	0	1	43	24	—
Skagen (The Skaw)	30.15	37	L	0	0	30.25	+ .26	35	35	—	6	SW	2	0	0	41	32	—
Fanö ...	30.26	38	WSW	2	0	30.28	+ .09	34	34	—	3	L	0	0	•	39	24	—
Cuxhaven ...	30.28	34	W	1	f	30.24	— .00	34	33	+	4	S	1	0	•	24	32	—
† Sumburgh Head	29.94	45	W	4	0	29.97	— .03	45	43	+	2	WSW	3	0	3	44	41	—
† Stornoway ...	29.94	44	SSW	7	0	29.94	— .07	43	43	—	1	SSW	6	0	5	47	41	0.12
Wick ...	30.01	41	S	2	b	30.00	— .04	37	36	—	2	L	0	0	0	42	36	—
Nairn ...	30.03	43	WSW	2	b	30.04	— .06	38	36	—	1	WSW	1	0	1	44	38	—
† Aberdeen... ..	30.09	31	WSW	1	b	30.08	— .06	36	35	+	6	SSW	3	0	1	36	27	—
Leith ...	30.14	43	W	1	m	30.08	— .08	34	32	—	6	NN	1	0	•	44	33	—
† Shields ...	30.21	38	SW	1	0	30.17	— .04	32	32	—	2	SSW	4	0	2	40	30	—
Spurn Head ...	30.24	38	SSE	3	0	30.14	— .07	39	37	+	3	ESE	4	0	3	39	36	—
York ...	30.27	30	ESE	1	b	30.18	— .09	36	34	+	8	E	1	0	•	35	25	—
Loughborough ...	30.25	29	SSE	1	0	30.14	— .12	33	32	+	2	L	0	0	0	35	31	—
† Ardrossan ...	30.16	43	SW	1	0	30.11	— .07	34	34	—	6	E	0	0	1	44	34	—
Malin Head ...	30.14	40	SSE	1	0	30.04	— .15	34	32	—	9	WNW	1	0	2	42	31	—
† Mullaghmore ...	30.10	42	SSE	5	0	29.98	— .17	39	38	—	3	SE	3	0	•	43	30	—
† Belmullet ...	30.19	41	SW	1	r	30.10	— .11	39	37	—	1	SSW	3	0	1	42	35	—
Donaghadee ...	30.19	37	L	0	0	30.05	— .17	34	33	—	2	L	0	0	•	38	30	—
Parsonstown ...	30.24	34	SE	3	0	30.14	— .09	32	31	—	5	NE	2	0	4	37	31	—
Barrow-in-Furness	30.20	37	ENE	1	0	30.07	— .16	36	35	—	3	ENE	2	0	2	43	30	—
† Holyhead ...	30.23	32	SE	2	0	30.13	— .12	33	32	+	5	ESE	3	0	3	38	28	—
Liverpool (Bidston)	30.24	42	SE	2	0	30.00	— .24	41	39	+	8	ESE	2	0	2	45	32	—
† Valencia ...	30.16	40	ESE	4	0	30.02	— .18	39	37	+	2	ENE	2	0	3	43	36	—
Roche's Point ...	30.17	35	ENE	2	0	30.02	— .18	35	33	+	2	ENE	3	0	1	37	32	—
Pembroke ...	30.17	42	ENE	5	0	29.59	— .24	44	43	+	7	E	6	0	5	44	35	—
† Scilly ...	30.09	39	NE	5	0	29.94	— .20	39	38	+	3	ENE	5	0	5	40	35	—
Prawle Point ...	30.13	38	E	5	0	30.04	— .16	37	36	+	1	E	6	0	3	44	35	—
Hurst Castle ...	30.17	36	E	4	0	30.03	— .12	36	35	+	0	E	4	0	3	37	34	—
† Dungeness ...	30.21	37	E	2	0	30.07	— .13	37	35	+	0	E	3	0	•	38	33	—
† London ...	30.21	36	NE	3	0	30.09	— .15	34	32	+	1	ESE	3	0	•	36	33	—
Oxford ...	30.23	36	ENE	1	0	30.11	— .15	34	33	+	0	ESE	1	0	•	37	33	—
Cambridge ...	30.24	37	ENE	4	0	30.14	— .11	36	35	+	0	ENE	4	0	4	37	34	—
† Yarmouth ...	30.28	32	ENE	1	0	30.20	— .07	30	29	—	1	E	3	0	2	36	28	—
The Helder ...	30.01	35	ENE	5	0	29.87	— .19	36	36	+	0	ENE	5	0	4	36	34	—
† Cape Griz Nez...	29.95	36	E	7	0	29.76	— .27	38	36	+	1	NE	7	0	3	41	34	—
Jersey ...	29.91	36	NE	8	0	29.73	— .26	37	36	+	1	ENE	8	0	3	39	32	—
Brest ...	29.85	37	E	8	0	29.68	— .23	?	38	+	?	ESE	8	0	4	39	30	—
Lorient ...	29.68	36	E	4	0	29.39	— .13	37	36	+	4	S	2	0	1	45	30	—
† Rochefort ...	*	*	*	*	*	29.75	— .17	46	46	+	2	WNW	5	0	4	45	32	0.28
Biarritz ...	*	*	*	*	*	?	?	?	?	?	?	NNE	1	0	•	37	25	—
Corunna ...	30.10	34	WSW	4	0	30.01	— .12	33	32	—	2	NNE	1	0	•	31	22	—
Brussels ...	30.03	30	WNW	1	0	29.97	— .04	23	23	—	4	NN	1	0	•	31	22	—
Charleville ...	29.87	45	RSE	7	0	29.84	+ .02	48	47	+	3	ESE	9	0	7	48	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

for 8 a.m. on

# CHARTS

Sunday 28<sup>th</sup> Dec<sup>r</sup>

1884.

## BAROMETER, WIND & SEA.

(Explanation of Map.)

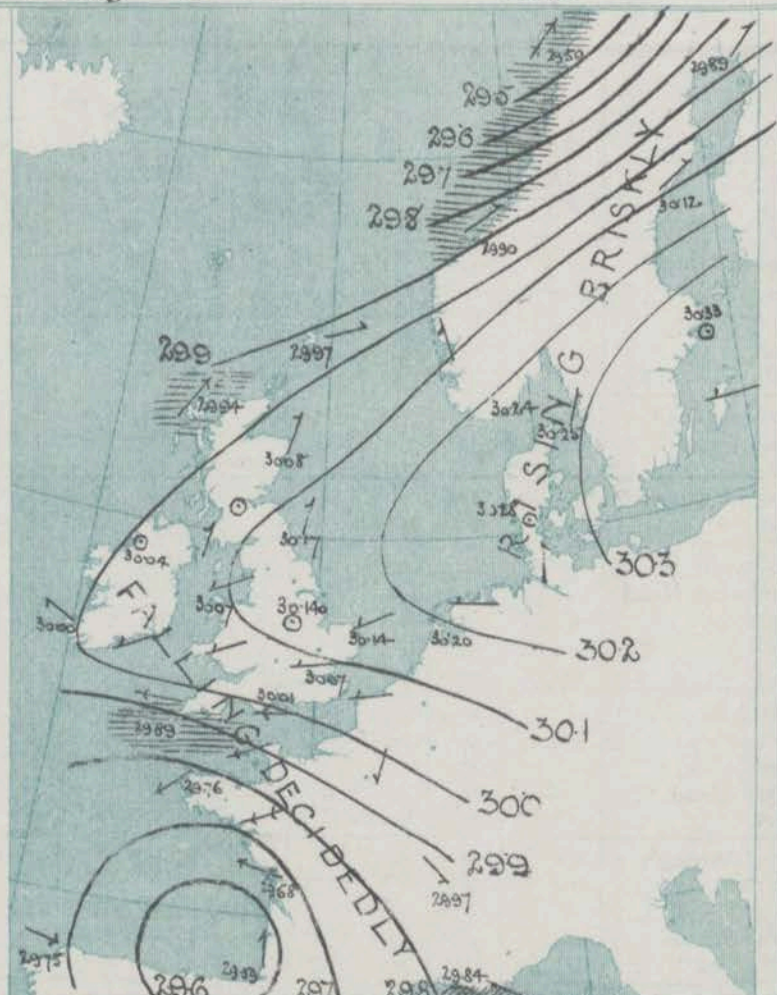
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus —  
 \* — forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces 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 December.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.680
Stornoway.	29.701
Wick.	29.713
Nairn.	29.741
Aberdeen.	29.780
Leith.	29.800
Shields.	29.836
York.	29.877
Ardrossan.	29.870
Donaghadee.	29.832
Ballyhead.	29.858
Liverpool.	29.882
Valencia.	29.879
Rock's Point.	29.889
Pembroke.	29.897
Scilly.	29.943
Hurst Castle.	29.938
Dover.	29.942
LONDON.	29.939
Oxford.	29.937
Cambridge.	29.926
Yarmouth.	29.902





# REMARKS.

for Sunday 28<sup>th</sup> Dec<sup>r</sup> 1884, at 8 a.m.

In the course of the past twenty-four hours the barometer has fallen over our Islands and France, while it has risen on the eastern shores of the North Sea. The anticyclonic band which lay over Ireland and England yesterday has almost entirely dispersed, and readings are now highest over the Baltic, while a depression has appeared near Trinity.

The wind is SW<sup>ly</sup> in Scotland and Scandinavia, and SE<sup>ly</sup> in Ireland, but elsewhere it is chiefly E<sup>ly</sup>, and in the west of France it blows with the force of a gale. The weather is fair in Ireland, and also at some of our east coast stations, but cloudy or overcast elsewhere with rain at Stromway. Temperature has changed rather irregularly, and readings now range from 44° at Scilly to 32° at Barrow-in-Furness. The maxima registered yesterday were below 40° at several of our central and eastern stations. The sea is rather rough at Stromway Scilly, slight or smooth elsewhere.

The Chief Signal Officer at Washington reports that on the 23<sup>rd</sup> Inst. in Lat: 44° N Long: 57° W. the wind shifted from S. to NW., force 8; barometer 30.0 ins.

## FORECASTS

for the 24 hours ending at NOON on 28<sup>th</sup> Dec<sup>r</sup> 1884.  
(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

The N. Cone has been hoisted this morning in districts 3, 5, 8 and 10.

none issued

none issued



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes	30.12	44	42	WSW	2	0	3	Valencia	30.16	44	41	NE	1	3m	1
Sumburgh Head	29.94	45	43	W	4	0	4	Scilly	30.07	40	40	ENE	5	0	5
Stornoway	29.96	47	46	SSW	6	6	5	Dungeness	30.17	36	35	SE	4	0	3
Aberdeen	30.09	44	38	WSW	1	6	1	London	30.20	38	36	SE	2	ogm	*
Shields	30.19	40	39	SW	1	0m	2	Yarmouth	30.23	37	36	ESE	4	6Y	4
Ardrossan	30.17	44	43	SW	2	0	1	Jersey	30.05	26	25	ENE	5	0	4
Mullaghmore	30.17	41	40	SSW	3	0	2	Rocheport	29.89	33	32	E	7	0	2
Belmullet	30.13	42	42	SSE	3	0	2								
Holyhead	30.20	42	39	NNE	3	0	2								

## REMARKS.

The barometer is now falling slowly except in the SE., where the wind is inclined to draw into SE. Temperature is increasing in the west and north. No other change is reported. Sea is rather rough at Stornoway, Scilly, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Monday* *29<sup>th</sup> Dec<sup>r</sup>* *1884.*

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

8 A.M. TO DAY.																	PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.				
			Dirce.	Force. (0 to 12)	Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12)	Weather.		Max.	Min.	Amount of Rainfall.		
Haparanda .....	29.91	33	SW	4	bc	30.08	+19	33	32	+7	SW	2	bc	*	34	1	-		
Hernösand ...	30.15	13	2	0	G	30.24	+12	8	8	-20	2	0	G	*	30	1	-		
Stockholm ...	30.87	25	2	0	G	30.37	+04	27	27	+6	2	0	G	*	28	18	-		
Wisby ...	30.81	30	ESE	4	G	30.26	+00	29	28	+1	E	2	G	*	41	27	-		
Bodö ...	30.75	42	SW	8	0	30.05	+55	38	35	-4	W	6	C	*4	36	0.47	-		
Christiansund...	30.01	43	WSW	2	0	30.10	+20	40	38	-3	ESE	1	C	5	43	37	-		
† Skudesnaes ...	30.22	41	S	6	h	30.15	-06	39	37	-4	SE	6	C	5	43	?	-		
(Oxö) (Xtiansund) ...	30.24	37	NE	1	0	30.20	-04	37	35	+3	E	6	0	3	37	34	-		
Skagen (The Skaw) ...	30.28	36	S	2	0	30.24	-01	32	30	-3	ESE	3	0	2	37	32	-		
Faro ...	30.19	33	E	4	0	30.10	-18	33	32	-1	E	4	C	*	36	32	-		
Cuxhaven ...	32.20	32	ESE	3	f	30.06	-18	56	36	+2	ESE	4	0	*	36	33	-		
† Sumburgh Head ...	29.98	43	S	3	0	29.93	-04	42	40	-3	S	3	A	3	46	39	-		
† Stornoway ...	29.91	41	SSW	4	om	29.79	-15	38	37	-5	WNW	1	og	1	44	36	0.01		
Wick ...	29.93	41	S	2	G	29.87	-13	41	38	+4	S	5	bc	3	41	35	-		
Nairn ...	29.91	32	2	0	bc	29.85	-16	27	27	-11	2	0	6	1	42	26	-		
† Aberdeen... ..	30.02	36	S	4	C	29.92	-16	41	38	+5	SE	4	og	2	41	35	0.02		
Leith ...	30.00	32	E	1	G	29.85	-23	39	34	+5	SE	1	om	*	39	28	-		
† Shields ...	30.01	39	SE	2	0	29.89	-28	40	38	+7	SE	3	0	3	40	32	-		
Spurn Head ...	30.10	38	ESE	4	0	29.87	-27	38	36	-1	ESE	5	Cg	3	39	36	-		
York ...	30.02	36	E	1	0	29.90	-28	37	36	+2	E	1	0	*	38	34	-		
Loughborough ...	29.99	33	E/NE	2	0	29.87	-27	35	34	+2	E	2	og	*	36	33	-		
† Ardrossan ...	29.98	33	ENE	3	om	29.84	-27	34	33	0	ENE	2	og	1	40	27	-		
Malin Head ...	29.91	37	S	1	0	29.73	-31	38	36	+4	SE	4	0	3	38	34	-		
† Mullaghmore ...	29.85	36	SE	3	6	29.64	-34	35	35	-4	?	4	C	*	39	33	-		
Belmullet ...	29.85	36	SE	3	6	29.64	-34	35	35	-4	?	4	C	*	39	33	-		
Donaghadee ...	29.96	39	S	3	bc	29.81	-29	39	38	0	SE	3	bc	1	40	37	-		
Parsonstown ...	29.92	35	ENE	1	0	29.77	-28	36	35	+2	SE	1	0	*	36	33	-		
Barrow-in-Furness ...	29.98	33	NE	2	G	29.85	-29	35	34	+3	SE	3	0	2	36	32	-		
† Holyhead ...	29.94	35	E	1	Gm	29.80	-27	36	35	0	E	2	C	2	38	31	-		
Liverpool (Bidston) ...	29.97	33	ESE	1	0	29.84	-28	34	32	+1	SE	2	0	3	34	32	-		
† Valencia ...	29.87	41	S	1	ogm	29.68	-32	44	43	+3	ESE	4	ogm	4	44	39	-		
Roche's Point ...	29.92	40	ESE	3	0	29.78	-24	43	42	+4	ESE	4	0	4	45	38	-		
Pembroke ...	29.90	37	E	3	0	29.78	-24	34	32	-1	ENE	2	m	1	37	33	-		
† Scilly ...	29.80	46	ENE	6	0	29.71	-18	44	43	0	ESE	5	0	5	45	38	-		
Prawle Point ...	29.84	39	ENE	5	0	29.76	-18	36	35	-3	NE	4	0	4	40	34	-		
Hurst Castle ...	29.87	37	E	6	C	29.78	-23	36	35	-1	ENE	5	0	3	45	34	-		
† Dungeness ...	29.90	37	E	4	C	29.80	-23	34	33	-2	SE	3	C	3	38	34	-		
† London ...	29.93	37	E	5	0	29.81	-26	36	35	-1	ESE	2	og	*	38	36	-		
Oxford ...	29.93	35	E	3	0	29.83	-26	35	34	+1	ENE	2	og	*	36	34	-		
Cambridge ...	30.00	34	ENE	1	0	29.84	-27	36	35	+2	E	1	og	*	37	32	-		
† Yarmouth ...	30.00	37	ESE	5	Cg	29.86	-28	36	35	0	E	6	og	5	37	34	-		
The Helder ...	30.02	32	E	3	G	29.92	-28	31	30	+1	E	3	0	2	32	28	-		
Capo Griz Nez...	29.89	26	ENE	3	G	29.78	-25	25	25	-	ESE	3	6	1	36	25	-		
† Jersey ...	29.77	37	ENE	4	G	29.71	-16	34	34	-2	E	3	om	3	38	33	-		
Brest ...	29.77	37	ENE	4	G	29.71	-16	34	34	-2	E	3	om	3	38	33	-		
Lorient ...	29.69	42	E	7	G	29.68	-05	35	34	-2	ENE	4	m	3	45	32	-		
† Rochefort ...	29.65	42	ESE	4	0	29.71	+03	34	33	?	E	4	bc	2	52	28	-		
Biarritz ...	29.60	41	S	4	G	29.64	+05	36	35	-1	ESE	4	6	1	45	34	0.04		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
Brussels ...	*	*	*	*	*	29.84	*	30	29	*	2	0	0	*	35	26	-		
Charleville ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
Paris ...	29.86	32	E	4	G	29.74	-27	31	31	-2	NE	4	m	*	*	*	-		
Lyons ...	29.89	26	NW	1	f	29.85	-12	24	24	+1	WNW	1	m	*	33	22	-		
Touton ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	

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



# WEATHER CHARTS

for 8 a.m. on Monday, 29<sup>th</sup> December, 1884.

## BAROMETER, WIND & SEA.

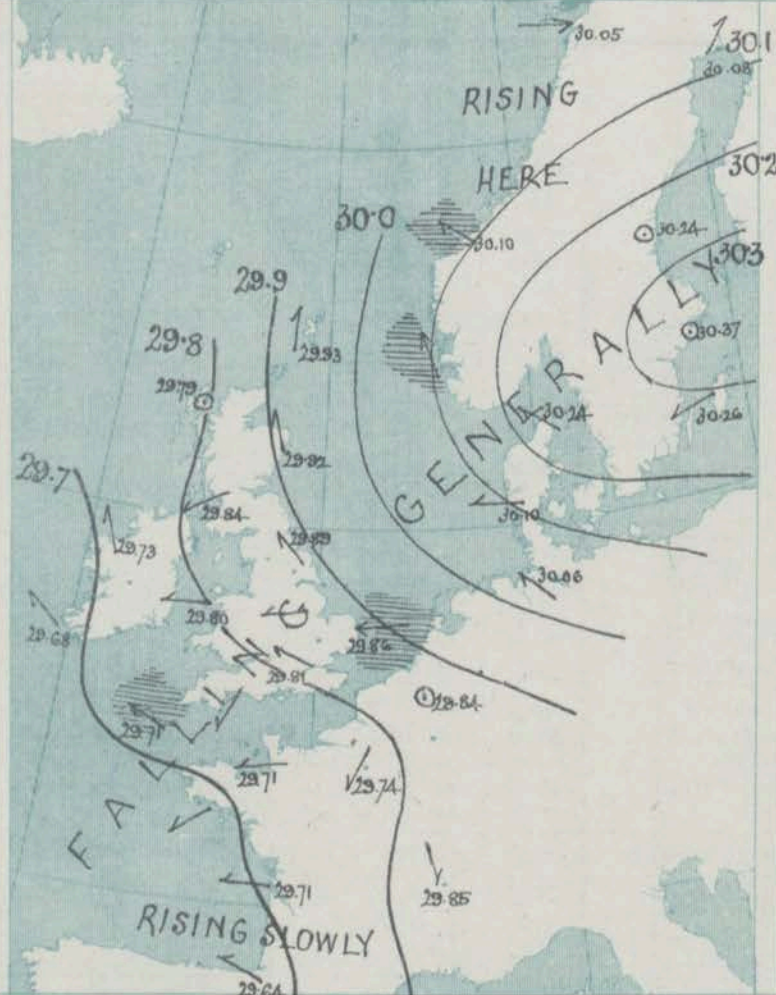
(Explanation of Map)

- 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 December  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.680
Stornoway.	29.701
Wick.	29.713
Nairn.	29.747
Aberdeen.	29.760
Leith.	29.800
Shields.	29.836
York.	29.877
Ardrossan.	29.810
Donaghadee.	29.832
Holyhead.	29.859
Liverpool.	29.882
Valencia.	29.878
Roche's Point.	29.889
Pembroke.	29.897
Scilly.	29.943
Hurst Castle.	29.936
Dover.	29.942
LONDON.	29.939
Oxford.	29.937
Cambridge.	29.926
Yarmouth.	29.902



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

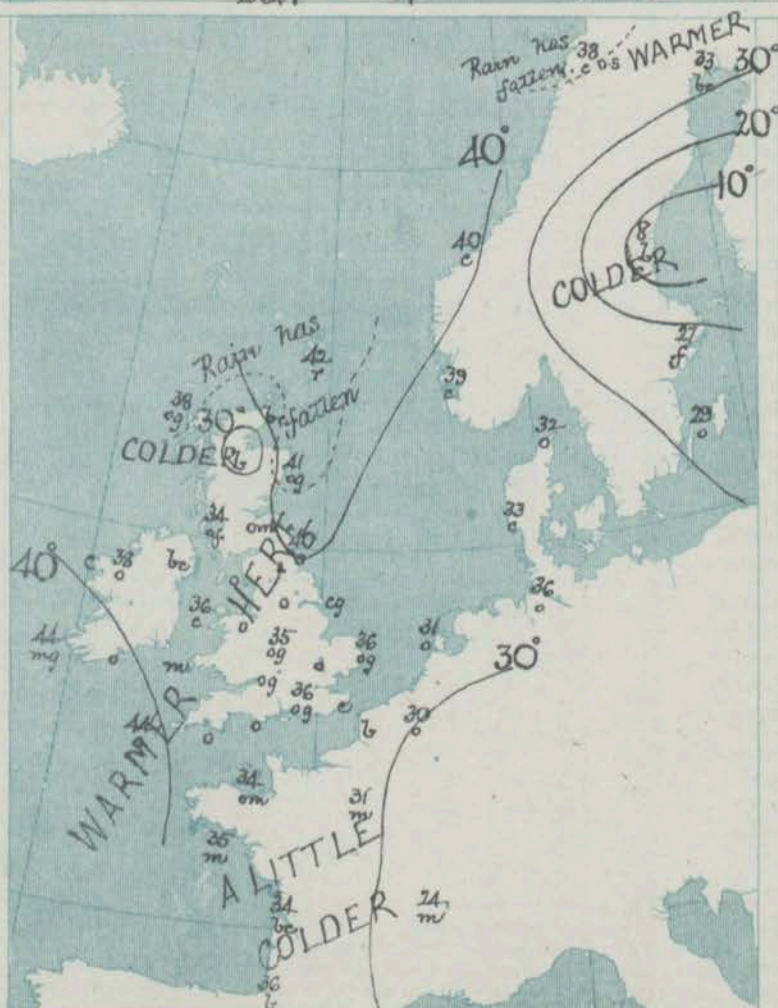
- Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.
- Weather** — is shown by Letters of the Beaufort Scale.
- Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more,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

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	38.0	37.6	4.38
Stornoway.	38.8	37.8	6.61
Wick.	37.4	36.4	3.21
Nairn.	36.8	36.4	2.01
Aberdeen.	36.8	36.3	3.42
Leith.	38.4	37.0	1.96
Shields.	39.2	38.2	2.03
York.	36.2	35.4	2.64
Ardrossan.	40.1	38.3	1.17
Donaghadee.	40.1	39.1	2.85
Holyhead.	42.3	41.3	4.03
Liverpool.	39.1	37.9	2.89
Valencia.	44.7	41.8	6.05
Roche's Point.	42.8	41.4	4.89
Pembroke.	43.7	42.6	4.26
Scilly.	47.2	46.3	4.18
Hurst Castle.	40.6	39.9	2.98
Dover.	40.0	38.8	3.51
LONDON.	38.1	37.1	2.28
Oxford.	37.3	36.6	2.79
Cambridge.	36.3	35.6	2.82
Yarmouth.	37.9	37.2	2.99

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for Monday 29<sup>th</sup> December.

1884. at 8 a.m.

The fall of the barometer noticed over our Islands and France yesterday has continued and extended to the eastern shores of the North Sea, but the distribution of pressure has undergone no important change, readings being still highest over the south of Sweden and lowest over the Bay of Biscay and our south-west coasts. The wind is moderate in force generally; in the west and north of our Islands it is SE<sup>ly</sup> or S<sup>ly</sup>, but at our southern and most of the Continental stations E<sup>ly</sup> breezes still hold. The weather is cloudy or overcast in most places, with mist and gloom locally. Temperature has risen slightly over the United Kingdom, and readings now range from 44° at Valencia and Seilly to 27° at Ayr. The maxima registered yesterday over eastern and central England were below 40°. The sea is rather rough at Seilly and Yarmouth, moderate to smooth elsewhere.

There is at present no sign of any important change in the weather, but the SE<sup>ly</sup> wind on our western and northern coasts may possibly freshen a little.

## FORECASTS

for the 24 hours ending at NOON on 30<sup>th</sup> DEC<sup>r</sup> 1884.  
(Issued at 11 a.m. on the previous day.)

1884.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE <sup>ly</sup> and S <sup>ly</sup> Winds, freshening; fair on the whole.	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.	E <sup>ly</sup> or SE <sup>ly</sup> Winds, moderate; dull, misty.	8 { ENGLAND S.W.	Same as N°5.
3 { ENGLAND EAST	Same as N°5.	9 { IRELAND NORTH	SE <sup>ly</sup> and S <sup>ly</sup> Winds, freshening; dull, probably some rain.
4 { MIDLAND COUNTIES	Same as N°5.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	E <sup>ly</sup> Winds, moderate or fresh; dull, misty.	WARNINGS	The N. cone has been lowered this morning in districts 3. 5. 8 and 10.



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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.23	42	35	3	7	0 1/2	4	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dungeness					
Aberdeen								London					
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort	29.67	48	45	23 1/2	5 0 2
Belmullet													
Holyhead													

## REMARKS.

### Summary of Changes in the Weather over the British Isles and their Neighbourhood. from 21<sup>st</sup> to 27<sup>th</sup> December 1884.

The character of the weather experienced over our Islands during this week was continuously anticyclonic; the type was N<sup>w</sup> at first, but after the 24<sup>th</sup> it became E<sup>w</sup> in the southern parts of our area, and SW<sup>w</sup> in the north, a band of high pressure having stretched from west to east across our Islands and the North Sea. The weather has consequently been cold everywhere — especially near the central parts of the anticyclonic band, where hard frosts have prevailed from time to time; and although some slight showers have fallen occasionally in a few localities (more especially on Wednesday) the air has been dry generally. Dense masses of anticyclonic clouds have prevailed in the east and south throughout the week, but in the west and north the sky has often been clear.



# DAILY WEATHER REPORT

for Tuesday 30<sup>th</sup> Dec<sup>r</sup> 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, 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.		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).		Weather.	Max.	Min.	Amount of Rainfall.	
Haparanda .....	30.29	29	Z	0	O	30.47	+ 39	25	25	- 8	N	2	O	*	34	- 4	-	
Hernösand ...	30.35	11	Z	0	O	30.46	+ 22	19	19	+ 11	Z	0	O	*	?	3	-	
Stockholm ...	30.34	32	E	2	S	30.24	- 13	35	35	+ 8	E	4	A	*	?	23	0.08	
Wisby ...	30.15	35	ESE	4	O	30.10	- 16	37	36	+ 8	ESE	2	O	*	41	25	0.04	
Bodö ...	30.26	37	SW	2	C	30.42	+ 37	31	28	- 7	ESE	2	O	*	?	28	-	
Christiansund...	30.12	36	E	2	B	30.10	- 00	38	31	- 7	ESE	1	B	4	?	28	-	
† Skudesnaes ...	30.15	37	ESE	4	O	30.10	- 05	33	29	- 6	ESE	4	B	3	39	?	-	
Oxö (Christiansund) ...	30.15	33	NE	6	O	30.04	- 16	31	30	- 6	NE	8	S	6	37	28	-	
Skagen (The Skaw) ...	30.16	33	E	5	O	30.01	- 23	35	34	+ 3	ESE	7	O	6	?	30	0.04	
Fanö ...	29.98	30	E	4	C	29.84	- 26	32	32	- 1	N	4	O	*	34	30	0.08	
Cuxhaven ...	29.98	37	ESE	3	S	29.87	- 19	33	33	- 3	Z	0	S	*	?	31	-	
† Sumburgh Head ...	29.90	42	SSE	4	O	29.96	+ 03	38	36	- 4	SSE	5	O	5	44	35	0.06	
† Stornoway ...	29.71	41	SSE	4	O	29.79	- 00	42	41	+ 4	SSW	4	O	3	43	36	-	
Wick ...	29.82	41	S	7	C	29.91	+ 04	39	37	- 2	S	5	C	5	42	38	-	
Nairn ...	29.77	31	Z	0	B	29.85	- 00	30	29	+ 3	Z	0	B	1	36	27	-	
† Aberdeen ...	29.88	40	SSE	4	A	29.93	+ 01	37	36	- 4	SSW	4	O	2	42	36	0.17	
Leith ...	29.83	35	SE	1	C	29.91	+ 06	32	30	- 7	SSE	1	C	*	39	30	-	
† Shields ...	29.87	38	SSE	2	O	29.92	+ 03	37	36	- 3	Z	0	C	4	40	34	0.01	
Spurn Head ...	29.84	37	ESE	4	O	29.90	+ 03	36	35	- 2	Z	0	C	3	39	35	0.01	
York ...	29.87	36	E	1	O	29.94	+ 04	33	32	- 4	NNE	1	O	*	39	32	-	
Loughborough ...	29.84	34	ESE	2	O	29.90	+ 03	33	33	- 2	N	2	O	2	36	33	-	
† Ardrossan ...	29.82	37	E	2	Om	29.90	+ 06	35	34	+ 1	ESE	1	O	1	37	32	-	
Malin Head ...	29.64	40	SE	6	Og m	29.78	+ 05	42	41	+ 4	SE	2	O	2	43	38	-	
† Mullaghmore ...	29.55	41	SSE	6	O	29.73	+ 09	38	38	+ 3	Z	0	C	*	48	35	0.22	
Donaghadee ...	29.78	40	SSW	4	O	29.89	+ 08	39	38	0	S	3	C	1	41	38	-	
Parsonstown ...	29.70	39	SSE	2	O	29.81	+ 04	40	39	+ 4	SSE	1	Om	*	41	35	-	
Barrow-in-Furness ...	29.83	35	E	3	O	29.90	+ 05	34	33	- 1	NE	2	O	*	36	34	-	
† Holyhead ...	29.81	38	SSW	1	m	29.90	+ 10	35	34	- 1	SSE	2	Om	2	40	34	-	
Liverpool (Bidston) ...	29.84	34	ESE	2	O	29.90	+ 06	33	32	- 1	S	1	f	2	35	32	-	
† Valencia ...	29.62	46	SSW	5	N	29.77	+ 09	42	41	- 2	NE	1	A	5	49	39	0.16	
Roche's Point ...	29.70	44	S	5	C	29.75	- 03	43	42	0	N	3	m	4	46	40	0.22	
Pembroke ...	29.78	38	ESE	4	C	29.85	+ 07	36	34	+ 2	E	3	m	2	38	33	-	
† Scilly ...	29.72	45	E	3	O	29.83	+ 12	47	45	+ 3	SE	2	C	4	47	43	-	
Prawle Point ...	29.78	36	NNE	3	O	29.88	+ 12	37	36	+ 1	NE	2	B	2	38	33	-	
Hurst Castle ...	29.80	35	NE	3	O	29.91	+ 13	34	33	- 2	ESE	3	O	3	45	33	-	
† Dungeness ...	29.78	35	ESE	3	O	29.87	+ 07	34	33	0	NE	2	O	1	38	33	-	
† London ...	29.80	34	SE	1	O	29.89	+ 08	34	33	- 2	N	1	O	*	37	34	-	
Oxford ...	29.83	34	E	2	O	29.92	+ 09	33	32	- 2	ESE	1	O	*	36	33	-	
Cambridge ...	29.84	34	NE	1	O	29.91	+ 07	32	32	- 2	N	1	O	*	37	29	-	
† Yarmouth ...	29.82	35	E	4	O	29.89	+ 03	37	35	+ 1	E	3	B	3	37	34	-	
The Helder ...	29.77	30	E	3	O	29.76	- 02	33	33	+ 8	E	1	O	1	?	?	-	
† Cape Gris Nez ...	29.77	36	NE	1	Om	29.87	+ 16	39	38	+ 5	Z	0	O	3	39	33	-	
† Jersey ...	29.76	39	ESE	3	O	29.82	+ 12	42	41	-	ESE	3	O	3	46	32	-	
Brest ...	29.76	39	ESE	3	O	29.82	+ 12	42	41	-	ESE	3	O	3	46	32	-	
Lorient ...	29.77	40	E	3	C	29.85	+ 17	39	39	+ 4	ESE	4	O	3	45	32	-	
† Rochefort ...	29.81	40	NE	4	B	29.95	+ 24	36	35	+ 2	E	3	O	2	46	28	-	
Biarritz ...	29.75	45	NE	3	C	29.90	+ 26	48	46	+ 12	W	4	C	1	50	32	0.39	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Charleville ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Paris ...	29.79	34	NZ	3	f	29.95	+ 21	31	31	0	NE	4	f	*	*	*	-	
Lyons ...	29.85	29	N	1	O	29.90	+ 05	24	24	0	NW	1	f	*	32	21	-	
Toulon ...	29.75	46	E	7	O	29.79	+ 04	40	39	-	S	1	O	4	?	?	0.59	

## 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, 30<sup>TH</sup> DECEMBER, 1884.*

## 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.

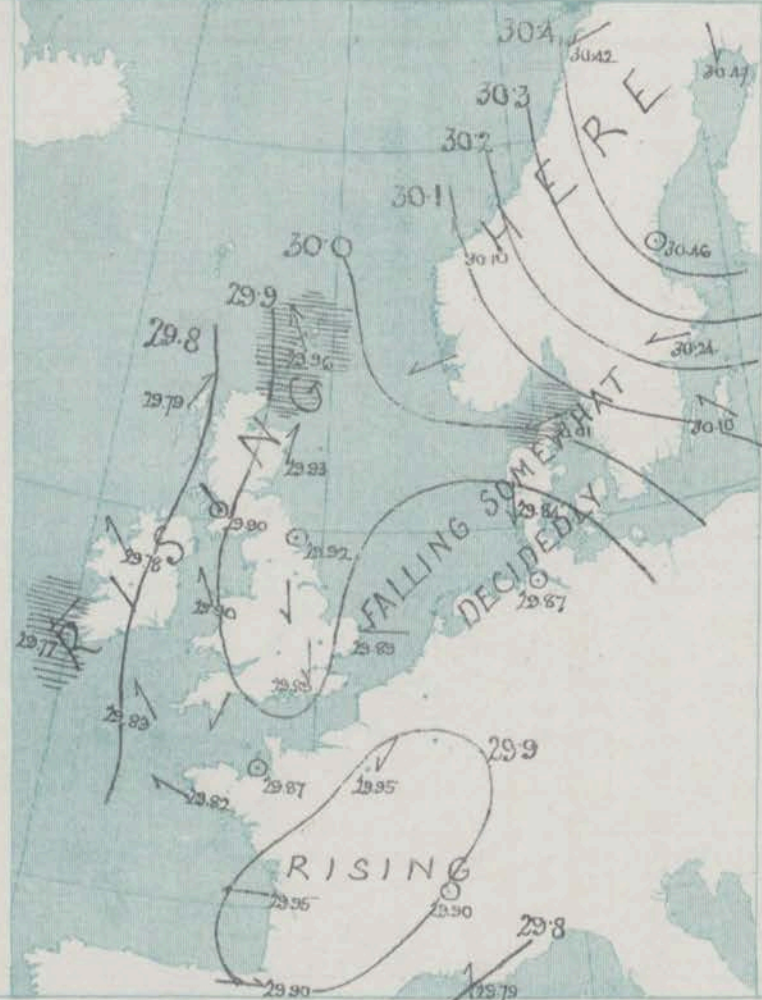
**Sea Disturbance** — where considerable is shown thus

■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.690
Stormoway	29.701
Wick	29.712
Nairn	29.741
Aberdeen	29.750
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.870
Donaghadee	29.832
Holyhead	29.858
Liverpool	29.882
Valencia	29.879
Roche's Point	29.889
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.958
Dover	29.942
LONDON	29.934
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902



## 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 AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.0	37.6	4.13
Stormoway	38.9	37.8	6.61
Wick	37.8	36.4	3.21
Nairn	36.9	36.1	2.01
Aberdeen	36.9	35.9	3.42
Leith	38.4	37.0	1.06
Shields	39.2	38.9	2.03
York	36.2	35.4	2.64
Ardrossan	40.1	38.3	4.17
Donaghadee	40.1	38.1	2.83
Holyhead	42.9	41.3	4.03
Liverpool	39.1	37.4	2.89
Valencia	44.7	41.8	6.06
Roche's Point	42.9	41.4	4.83
Pembroke	43.7	42.6	4.26
Scilly	47.2	46.3	4.18
Hurst Castle	40.6	38.9	2.08
Dover	40.0	38.8	3.61
LONDON	38.1	37.1	2.28
Oxford	37.3	36.6	2.19
Cambridge	36.3	35.6	2.02
Yarmouth	37.9	37.2	2.99

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.





# REMARKS.

for Tuesday 30<sup>th</sup> December.

1884. at 8 a.m.

The barometer is now falling, decidedly in Denmark and the south of Scandinavia, and, although, the lowest pressures are still found to the westward and south-westward of our Islands a shallow depression has appeared over the southern part of the North Sea. Over the United Kingdom, France, and the north of Scandinavia the barometer is rising, and the highest pressures are reported from the north of Sweden, while a second area of relatively high readings is found over France. The wind is strong from NE. at Oslo and Skagen, and light from the same quarter in the SE. of England, but on our western and northern coasts SE<sup>ly</sup> or S<sup>ly</sup> breezes are still reported. The weather is overcast at the greater number of our stations, with fog or mist locally, rain at Valencia and snow at Oslo and Alesund. Rain fell yesterday in some parts of Scotland and Ireland. Temperatures have fallen a little in the east, but risen in the west, and reading range from 47° at Lillie to 32° at Leith and Cambridge and 30° at Skagen. The maxima registered yesterday were below 40° in many parts of Great Britain. The sea is rough off the south of Norway and rather rough at Sumburgh Head and Valencia, moderate to smooth elsewhere.

The depression over the North Sea may occasion fresh NE<sup>ly</sup> winds and snow showers in the east of England.

# FORECASTS

for the 24 hours ending at NOON on 31<sup>st</sup> December. 1884.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE <sup>ly</sup> winds, moderate; fair on the whole.	6 { SCOTLAND WEST	SE <sup>ly</sup> and E <sup>ly</sup> winds, moderate, fair on the whole.
1 { SCOTLAND EAST	S <sup>ly</sup> to E <sup>ly</sup> winds, moderate; fair to unsettled and some snow.	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	Same as No 5.	8 { ENGLAND S.W.	E <sup>ly</sup> winds, moderate; fair on the whole.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	Same as No 6.
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	Same as No 6
5 { ENGLAND SOUTH	NE <sup>ly</sup> winds, moderate to fresh; cloudy, some snow or sleet.	WARNINGS	None issued.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.														
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	30.15	39	35	SSE	6	bc	Valencia	29.62	48	47	SSE	5	rgu	5
Sumburgh Head	29.91	42	40	S	4	0	Scilly	29.71	45	44	SSW	4	0	4
Stornoway	29.74	39	37	SW	3	bc	Dungeness	29.76	39	32	ESE	3	0	2
Aberdeen	29.87	41	39	SSE	4	0	London	29.77	37	35	E	3	ogg	*
Shields	29.85	39	37	SSE	3	0	Yarmouth	29.83	35	34	E	5	ogg	5
Ardrossan	29.79	37	36	E	2	c	Jersey	29.72	36	36	ESE	1	c	2
Mullaghmore	29.65	40	38	SE	6	ogmu	Rochefort	29.76	42	40	E	4	bc	2
Belmullet	29.56	39	39	SE	4	c								
Holyhead	29.78	40	38	SSW	1	m								

## REMARKS.

The barometer continues to fall in most parts of our Islands, but is rising a little at Rochefort. The wind has freshened from the SE<sup>d</sup> in the west of Ireland and rain has set in at Valencia, but elsewhere little change is shown. The sea is rather rough off the west of Ireland and at Yarmouth, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Wednesday 31<sup>st</sup> December 1884.

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

Issued by the Meteorological Office, at the Admiralty, London.																		
† 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.		Temp. (0 to 12).	Weather.	Sea. (0 to 3).	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.
Haparanda .....	30.82	8	N	2	b	30.94	+ .47	3	-3	- 28	N	2	b	*	28	?	—	
Hernösand .....	30.62	35	SE	4	o	30.66	+ .20	31	30	+ 12	SE	6	o	*	?	10	0.34	
Stockholm .....	30.38	35	E	2	r	30.44	+ .20	34	24	- 1	ESE	4	o	*	37	32	0.20	
Wisby .....	30.26	28	EEF	6	r	30.35	+ .25	36	35	- 1	SEF	6	o	*	45	34	0.16	
Bodö .....	30.82	33	ENE	4	b	30.55	+ .16	31	23	0	ENF	7	bc	*	34	30	—	
Christiansund .....	30.18	37	ESE	4	o	30.10	— .00	39	34	+ 6	ESE	4	o	3	36	25	—	
† Skudesnaes .....	30.02	28	E	4	c	30.02	+ .02	38	36	+ 5	ESE	4	o	4	?	?	—	
(Xö) (Xtiansund) .....	29.96	26	ESE	8	r	29.97	+ .13	37	36	+ 6	SE	4	r	4	?	?	0.05	
Skagen (The Skaw) .....	30.07	26	S	5	r	30.26	+ .25	30	32	- 2	SSW	3	o	2	36	32	0.28	
Fanö .....	30.02	22	S	6	c	30.23	+ .39	32	32	0	S	4	m	*	34	32	0.08	
Cuxhaven .....	29.96	31	S	2	o	30.28	+ .41	30	30	- 3	S	2	f	*	38	29	—	
† Sumburgh Head .....	29.97	38	SSE	3	c	29.96	— .00	40	37	+ 2	SSE	3	c	4	41	34	0.08	
† Stornoway .....	29.85	41	SEW	3	om	29.84	+ .05	42	41	0	S	5	og	4	42	38	—	
Wick .....	29.93	38	S	4	c	29.93	+ .01	38	35	- 1	S	3	bc	2	42	36	—	
Nairn .....	29.92	36	observations			29.92	+ .00	30	30	0	SSE	1	c	1	35	27	—	
† Aberdeen .....	29.96	35	SSW	2	r	29.91	+ .05	33	32	- 4	SSW	3	bc	1	35	32	0.13	
Leith .....	29.96	35	SE	1	m	29.98	+ .07	35	32	+ 3	SE	1	m	*	37	31	—	
† Shields .....	29.96	37	ESE	1	om	29.98	+ .16	32	31	- 5	S	3	cm	3	35	31	0.02	
Spurn Head .....	29.97	37	S	2	c	29.94	+ .24	34	33	- 2	SW	3	bc	3	37	32	0.03	
York .....	29.94	33	NW	1	f	29.95	+ .21	29	29	- 4	ESE	1	m	*	25	29	—	
Loughborough .....	30.00	27	L	0	f	30.13	+ .23	29	28	- 4	E	2	om	*	36	25	—	
† Ardrossan .....	29.94	35	ENE	2	om	29.96	+ .06	37	37	+ 2	E	1	om	2	40	32	0.03	
Malin Head .....	29.81	44	SE	5	ogw	29.72	— .06	48	45	+ 6	SSE	6	o	5	45	40	—	
† Mullaghmore .....	29.98	41	SE	2	p	29.93	— .10	48	44	+ 7	SW	5	c	6	45	37	0.10	
Belmullet .....	29.98	41	SE	2	p	29.93	— .10	48	44	+ 7	SW	5	c	6	45	37	0.10	
Donaghadee .....	29.93	39	SSW	4	o	29.92	+ .03	44	44	+ 5	SSW	4	c	2	44	36	0.15	
Parsonstown .....	29.83	40	SSE	1	c	29.84	+ .01	40	46	+ 6	SSE	2	r	*	47	38	0.07	
Barrow-in-Furness .....	29.95	24	NE	3	o	30.02	+ .14	35	33	+ 1	ESE	4	o	3	35	33	—	
† Holyhead .....	29.94	35	SSE	1	o	30.00	+ .10	42	40	+ 8	S	3	c	2	43	35	—	
Liverpool (Bilston) .....	29.96	33	SE	2	o	30.05	+ .15	32	31	- 1	ESE	4	b	3	35	31	—	
† Valencia .....	29.80	42	SSE	1	o	29.75	— .02	48	47	+ 6	S	5	o	3	51	41	0.30	
Roche's Point .....	29.33	42	SSE	3	bc	29.57	+ .06	49	48	+ 6	SSW	7	c	5	49	41	0.15	
Pembroke .....	29.90	40	ESE	5	c	29.96	+ .11	44	42	+ 8	SE	5	c	4	44	36	—	
† Scilly .....	29.87	49	SSE	4	o	29.91	+ .08	51	51	+ 4	S	5	o	4	51	43	—	
Prawle Point .....	29.98	41	ENE	2	o	30.06	+ .18	45	43	+ 8	ESE	3	bc	3	45	35	—	
Hurst Castle .....	30.00	35	NE	1	m	30.12	+ .21	28	37	+ 4	SSE	3	bc	3	40	33	—	
† Dungeness .....	29.97	37	NNE	2	o	30.18	+ .31	41	40	+ 7	SSW	3	o	2	41	34	—	
† London .....	30.04	36	NE	1	om	30.15	+ .26	31	30	- 3	E	1	f	*	37	29	—	
Oxford .....	30.04	31	L	0	c	30.15	+ .23	29	28	- 4	E	1	f	*	34	23	—	
Cambridge .....	30.02	31	N	1	b	30.18	+ .27	32	31	0	L	0	bc	*	37	23	—	
† Yarmouth .....	30.00	35	L	0	bc	30.20	+ .31	37	36	0	SE	3	b	3	37	30	—	
The Helder .....	30.01	30	SE	1	b	30.23	+ .35	34	24	- 4	SSE	1	b	1	37	?	—	
Cape Griz Nez .....	29.93	33	S	1	r	30.20	+ .44	34	33	+ 1	SE	1	o	0	26	32	—	
† Jersey .....	29.97	40	ESE	2	bc	30.11	+ .24	39	39	0	SE	3	om	3	40	37	—	
Brest .....	29.94	43	E	1	bc	30.02	+ .20	47	45	+ 5	ESE	4	o	4	?	39	—	
Lorient .....	29.96	43	SE	4	bc	30.10	+ .25	46	45	+ 7	S	5	o	3	?	36	—	
† Rochefort .....	30.07	40	SE	3	m	30.17	+ .22	30	28	- 6	ESE	4	b	2	46	27	—	
Biarritz .....	30.02	45	E	4	b	30.10	+ .20	34	33	- 14	E	4	b	1	50	22	—	
Corunna .....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—
Brussels .....	*	*	*	*	*	30.25	+ .37	23	?	- 8	L	0	b	*	30	20	—	
Charleville .....	29.93	30	SE	1	o	?	?	29	?	+ 2	SE	1	o	*	32	27	—	
Paris .....	30.06	31	NE	3	m	30.27	+ .32	32	31	+ 1	NE	3	f	*	*	*	—	
Lyons .....	30.02	30	NE	1	f	30.23	+ .33	27	27	+ 3	N	1	m	*	31	?	—	
Toulon .....	29.88	40	E	1	o	30.01	+ .22	40	?	0	E	1	bc	2	?	39	0.79	

## 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 **WEDNESDAY 31<sup>st</sup> December 1884.**

## 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.

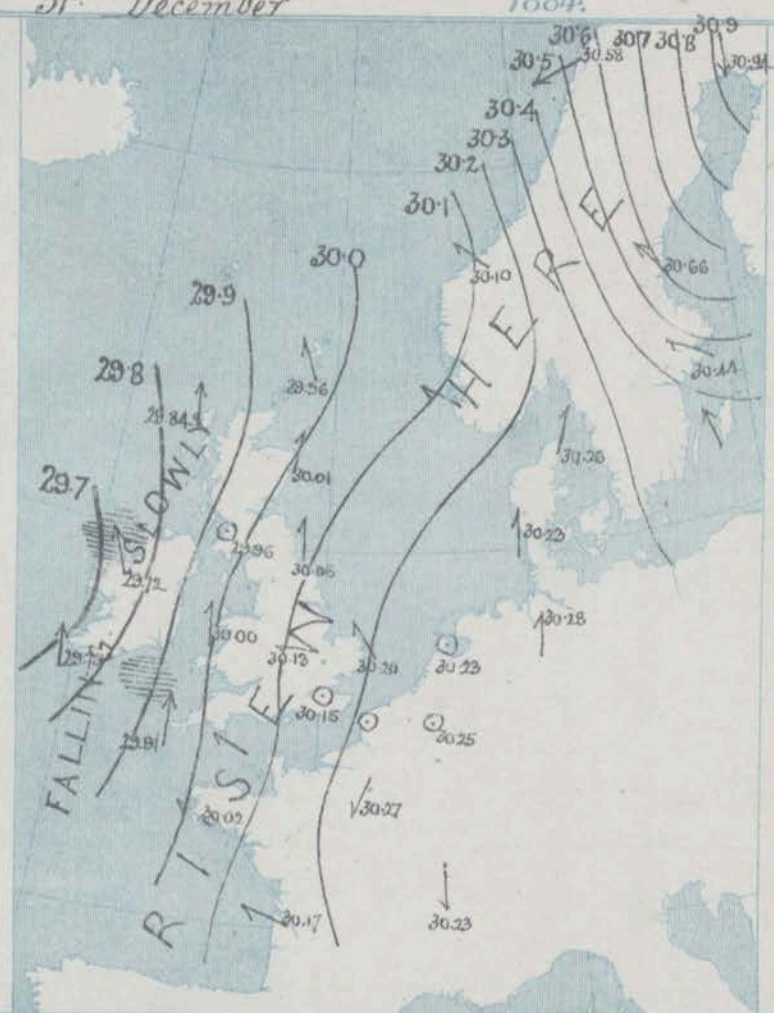
**Sea Disturbance**—where considerable is shown thus

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.697
Stornoway	29.701
Wick	29.713
Nairn	29.741
Aberdeen	29.769
Leith	29.800
Shields	29.836
York	29.877
Ardrossan	29.840
Donaghadee	29.832
Islishead	29.858
Liverpool	29.882
Valencia	29.879
Roches Point	29.889
Pembroke	29.897
Sally	29.845
Hurst Castle	29.933
Dover	29.942
LONDON	29.974
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902



## 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.

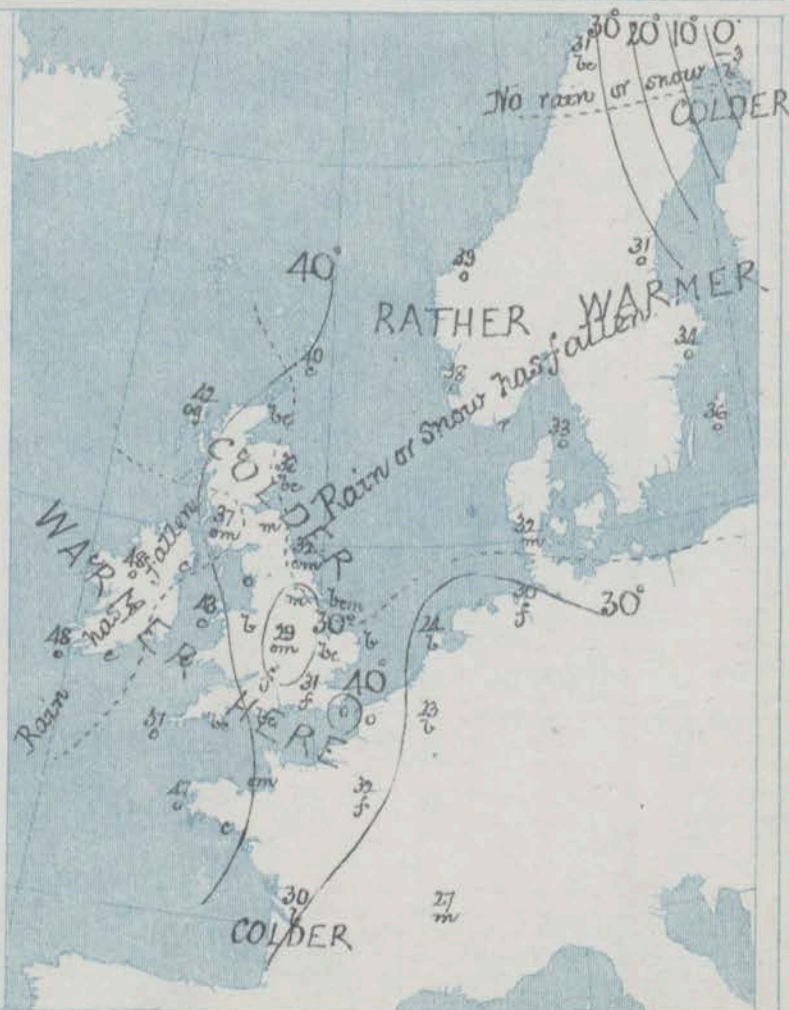
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	39.0	37.6	4.38
Stornoway	38.9	37.8	5.61
Wick	37.4	36.4	3.21
Nairn	36.9	35.4	2.01
Aberdeen	36.9	35.3	3.42
Leith	38.4	37.0	1.06
Shields	39.2	38.3	3.03
York	36.2	35.4	2.64
Ardrossan	40.1	38.3	4.17
Donaghadee	40.1	39.1	2.85
Islishead	42.9	41.3	4.03
Liverpool	39.1	37.4	2.89
Valencia	44.7	41.8	6.05
Roches Point	42.9	41.4	4.89
Pembroke	43.7	42.6	4.26
Sally	42.2	40.3	4.18
Hurst Castle	40.6	39.9	2.98
Dover	40.0	38.8	3.57
LONDON	39.1	37.7	2.28
Oxford	37.3	36.6	2.19
Cambridge	36.3	35.6	2.02
Yarmouth	37.9	37.2	2.99

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.





# REMARKS.

for *Wednesday 31<sup>st</sup> December 1884* at *8 a.m.*

The shallow depression which lay over the southern part of the North Sea yesterday has dispersed and the barometer has risen at our eastern, southern and the Continental stations. At Haparanda the mercury now stands at 30.94 ins. In the meantime a slight fall of the barometer has set in on our western coasts, and gradients over our islands are becoming more decided. The wind is fresh or strong from the Southward in Ireland and the west of Scotland, but elsewhere it is light or moderate from SE. Fine weather is reported from many parts of Great Britain, but fog prevails over central England. At the Irish and most of the Continental stations, however, the sky is cloudy or overcast, with rain at Oslo and Parsonstown. Temperature has fallen a little in the east, but risen several degrees in the west & south; readings now range from 51° at Scilly to 29° at York, <sup>1</sup>London and Oxford. Sharp frost prevailed over England last night; at Oxford and Cambridge the thermometer fell to 23°. The sea is rather rough at Mullaghmore and Roche's Point, moderate to smooth elsewhere.

The changes now in progress are likely to result in an increase of wind from the Southward, and milder weather is probable over England.

## FORECASTS

for the 24 hours ending at NOON on *1<sup>st</sup> January 1884.*  
(Issued at 11 a.m. on the previous day.)

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



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes							Valencia	29.75	44	43	SE	2	0	3	
Sumburgh Head	29.98	40	25	SSE	4	bc	5	Scilly	29.86	46	47	S	4	c	4
Stornoway	29.85	42	40	SSW	4	om	3	Dungeness	29.93	35	34	NNE	1	c	1
Aberdeen	29.96	36	35	SSW	1	v	1	London	29.96	37	34	NNE	1	off	*
Shields	29.95	37	36	ESE	1	om	4	Yarmouth	29.95	37	36	Z	0	bc	3
Ardrrossan	29.92	36	35	ENE	2	o	1	Jersey	29.93	40	39	SE	1	o	1
Mullaghmore	29.91	42	40	ESE	4	om	4	Rocheport	30.01	43	41	SE	4	m	2
Belmullet	29.76	41	41	SE	1	c	*								
Holyhead	29.93	37	35	SSE	2	m	2								

## REMARKS.

The barometer continues to rise in all parts of our Islands as well as at Rocheport. No important change is shown in the winds, and cloudy weather prevails in most places with rain at Aberdeen. The sea is rather rough at Sumburgh Hd., moderate to smooth elsewhere.



# CORRECTIONS AND ADDITIONS TO THE REPORTS FOR DEC<sup>r</sup> 1884.

## 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.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
				Dir.	Force (0 to 15).		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 15).			Max.	Min.			
1 <sup>st</sup>	Brest.....	29.81	44	S	4	bc	80.08	-01	?	?	?	2	0	0	4	?	41	0.16		
"	Corunna.....	"	"	"	"	"	30.13	-12	48	47	+8	NE	8	c	7	55	32	0.28		
2 <sup>nd</sup>	Corunna.....	"	"	"	"	"	30.32	+19	44	43	-4	SE	1	h	3	55	36	-		
3 <sup>rd</sup>	Sumburgh Id	29.16	42	WSW	4	0	29.12	-30	39	39	-4	SEE	3	c	4	44	35	0.33		
"	The Helder.....	29.73	33	SEE	3	h	29.52	-48	42	42	+17	SSW	4	+	3	43	25	0.04		
"	Corunna.....	"	"	"	"	"	30.30	-02	57	55	+13	SW	1	h	4	?	39	-		
"	Brussels.....	"	"	"	"	"	29.65	-32	42	42	+12	SSW	4	h	4	42	?	0.08		
"	Sumburgh Id 2pm	-	-	-	-	-	28.98	-	43	42	-	E	3	h	4	-	-	-		
4 <sup>th</sup>	Sumburgh Id 2pm	-	-	-	-	-	29.19	-	41	41	-	SEE	7	h	7	-	-	-		
5 <sup>th</sup>	Corunna.....	"	"	"	"	"	30.46	-	46	45	-	E	1	0	6	?	?	0.20		
6 <sup>th</sup>	Corunna.....	"	"	"	"	"	30.02	-44	48	46	+2	SEE	3	0	8	55	39	-		
8 <sup>th</sup>	Corunna.....	"	"	"	"	"	30.30	-11	55	52	+3	SEE	5	0	5	59	48	-		
9 <sup>th</sup>	Corunna.....	"	"	"	"	"	30.24	-06	50	49	-5	N	9	h	7	57	45	0.08		
10 <sup>th</sup>	Tano.....	29.69	38	W	4	6	29.81	+11	39	38	-1	N	3	c	2	41	37	-		
"	Corunna.....	"	"	"	"	"	30.41	+17	46	45	-4	E	1	0	5	52	36	0.20		
11 <sup>th</sup>	Corunna.....	"	"	"	"	"	30.45	+04	50	49	+4	SSW	1	0	5	57	41	-		
12 <sup>th</sup>	Corunna.....	"	"	"	"	"	30.51	+06	49	48	-1	ENE	1	8	6	57	46	0.08		
13 <sup>th</sup>	Corunna.....	"	"	"	"	"	30.52	+01	41	41	-8	ESE	3	6	4	57	36	-		
15 <sup>th</sup>	Sumburgh Id	28.96	44	SW	5	60	28.70	-53	42	39	+1	W	9	0	8	48	37	0.43		
"	Corunna.....	"	"	"	"	"	30.32	-	54	51	-	S	4	0	3	59	37	-		
16 <sup>th</sup>	Sumburgh Id	28.80	41	W	8	0	29.10	+40	39	38	-8	W	6	0	7	44	36	0.22		
"	Corunna.....	"	"	"	"	"	30.21	-11	59	57	+5	SW	7	0	4	59	50	0.20		
"	Toulon.....	30.24	46	SW	3	60	30.22	-09	46	44	-4	W	3	c	2	?	45	-		
17 <sup>th</sup>	Corunna.....	"	"	"	"	"	30.31	+10	52	51	-7	ENE	1	0	5	63	46	0.51		
"	Toulon.....	30.06	46	WNW	5	m	30.06	-16	47	45	+1	2	0	m	2	52	45	-		
19 <sup>th</sup>	Corunna.....	"	"	"	"	"	30.47	-	53	52	-	SW	4	f	5	55	43	0.04		
20 <sup>th</sup>	Belmullet.....	29.20	44	W	7	0	29.52	+13	45	42	0	WNW	8	60	4	47	40	0.38		
"	Pembroke.....	29.48	49	W	6	60	29.23	-37	45	41	-1	WNW	7	c	8	51	38	0.12		
"	Bianity.....	30.18	55	SW	7	c	30.18	-11	56	55	+2	SW	11	0	6	57	50	0.28		
"	Corunna.....	"	"	"	"	"	30.28	-19	56	?	+3	SW	9	h	7	57	48	0.20		
23 <sup>rd</sup>	Corunna.....	"	"	"	"	"	?	?	45	44	-	?	1	0	4	52	37	0.08		
24 <sup>th</sup>	Corunna.....	"	"	"	"	"	30.06	?	41	41	-4	ESE	1	c	4	52	34	-		
"	Brussels.....	-	-	-	-	-	30.02	+01	38	32	-1	NE	1	0	2	36	32	-		
26 <sup>th</sup>	Corunna.....	"	"	"	"	"	29.91	-14	45	42	+4	ENE	7	c	4	52	37	0.12		
27 <sup>th</sup>	Corunna.....	"	"	"	"	"	29.92	+01	44	42	-1	ENE	5	0	5	50	39	-		
30 <sup>th</sup>	The Helder.....	29.87	33	ENE	1	c	29.88	-04	33	?	+2	WNW	1	c	0	?	?	0.43		
"	Corunna.....	"	"	"	"	"	?	-	46	45	-	ESE	1	60	0	55	41	-		
"	Brussels.....	"	"	"	"	"	29.88	+04	31	31	+1	ENE	1	0	2	33	30	-		
"	Charleville.....	30.12	25	W	1	6	29.81	-	27	27	-	SE	1	0	2	41	25	-		
31 <sup>st</sup>	Corunna.....	"	"	"	"	"	?	-	48	46	+2	SEE	4	6	?	?	?	-		



## SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

(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 ...	29.457	40.5	35.5	43.8	39.7	31	17 <sup>th</sup> , 22 <sup>nd</sup> , 25 <sup>th</sup> , 26 <sup>th</sup>	48	14 <sup>th</sup>	0.209
	Wick ...	29.530	37.6	33.6	41.5	37.6	29	22 <sup>nd</sup>	49	13 <sup>th</sup>	198
	Stornoway ...	29.493	40.6	35.3	44.1	39.7	28	17 <sup>th</sup>	51	13 <sup>th</sup>	222
1. SCOTLAND, E.	Nairn ...	29.555	36.3	32.1	41.9	37.0	22	1 <sup>st</sup>	53	13 <sup>th</sup> and 14 <sup>th</sup>	192
	Aberdeen ...	29.613	36.3	31.5	41.5	36.5	14	1 <sup>st</sup>	50	13 <sup>th</sup>	186
	Leith ...	29.646	38.9	33.5	43.5	38.5	22	23 <sup>rd</sup>	55	13 <sup>th</sup> and 14 <sup>th</sup>	170
2. ENGLAND, N.E.	Shields ...	29.715	39.4	34.7	44.2	39.5	26	1 <sup>st</sup>	54	12 <sup>th</sup> , 13 <sup>th</sup> , 14 <sup>th</sup>	208
	York ...	29.789	38.2	34.0	44.1	39.1	25	1 <sup>st</sup> + 28 <sup>th</sup>	55	13 <sup>th</sup> and 14 <sup>th</sup>	204
	Spurn Head ...	29.766	40.1	36.3	42.6	40.0	30	1 <sup>st</sup> + 19 <sup>th</sup>	52	13 <sup>th</sup> + 14 <sup>th</sup>	231
3. ENGLAND, E.	Yarmouth ...	29.817	40.8	35.7	44.1	39.9	25	1 <sup>st</sup>	54	6 <sup>th</sup> + 7 <sup>th</sup>	229
	Cambridge ...	29.846	39.3	34.0	44.6	39.3	23	31 <sup>st</sup>	56	6 <sup>th</sup>	215
4. MIDLAND COUNTIES.	Loughborough ...	29.824	39.0	35.8	43.8	39.8	25	1 <sup>st</sup> + 31 <sup>st</sup>	54	6 <sup>th</sup> + 13 <sup>th</sup>	240
	Oxford ...	29.866	39.9	36.5	44.6	40.6	23	31 <sup>st</sup>	55	6 <sup>th</sup> + 7 <sup>th</sup>	218
5. ENGLAND S.	London ...	29.865	40.8	37.0	45.9	41.5	29	1 <sup>st</sup> + 31 <sup>st</sup>	55	3 <sup>rd</sup> , 6 <sup>th</sup> , 7 <sup>th</sup> , 13 <sup>th</sup>	219
	Dungeness ...	29.866	42.1	37.6	47.0	42.3	29	1 <sup>st</sup>	54	7 <sup>th</sup> + 8 <sup>th</sup>	242
	Hurst Castle ...	29.891	43.0	38.9	48.4	43.7	27	1 <sup>st</sup>	55	3 <sup>rd</sup>	251
6. SCOTLAND, W.	Ardrossan ...	29.670	40.5	35.4	45.0	40.2	27	22 <sup>nd</sup> , 23 <sup>rd</sup> , 29 <sup>th</sup>	50	3 <sup>rd</sup> , 12 <sup>th</sup> , 13 <sup>th</sup> , 14 <sup>th</sup>	237
7. ENGLAND, N.W.	*Hawes Junction ...	28.503	34.5	30.1	38.6	34.4	21	24 <sup>th</sup>	48	13 <sup>th</sup> + 14 <sup>th</sup>	180
	Barrow-in-Furness...	29.757	40.0	36.9	43.4	40.2	29	24 <sup>th</sup> + 25 <sup>th</sup>	50	5 <sup>th</sup> , 7 <sup>th</sup> , 10 <sup>th</sup> , 12 <sup>th</sup> , 13 <sup>th</sup>	211
	Liverpool Obs <sup>r</sup> (Bidston)	29.791	39.7	36.6	44.5	40.6	28	27 <sup>th</sup> + 28 <sup>th</sup>	55	6 <sup>th</sup> + 13 <sup>th</sup>	199
	Holyhead ...	29.791	43.4	39.8	46.8	43.3	30	28 <sup>th</sup>	53	2 <sup>nd</sup> + 7 <sup>th</sup>	226
8. ENGLAND, S.W.	Pembroke ...	29.836	44.6	40.9	47.5	44.2	32	24 <sup>th</sup> , 27 <sup>th</sup> + 28 <sup>th</sup>	54	2 <sup>nd</sup>	237
	Prawle Point ...	29.914	43.2	38.3	47.0	42.7	30	25 <sup>th</sup>	54	2 <sup>nd</sup> + 3 <sup>rd</sup>	249
9. IRELAND, N.	Donaghadee ...	29.717	40.2	35.1	45.1	40.1	28	22 <sup>nd</sup>	54	6 <sup>th</sup>	232
	Mullaghmore ...	29.706	43.2	38.8	46.9	42.9	31	28 <sup>th</sup>	55	13 <sup>th</sup>	238
10 IRELAND, S.	Parsonstown ...	29.809	39.1	33.9	45.0	39.5	22	24 <sup>th</sup>	55	13 <sup>th</sup>	213
	Valencia ...	29.854	45.0	39.9	50.4	45.2	32	24 <sup>th</sup> , 27 <sup>th</sup> , 28 <sup>th</sup>	57	2 <sup>nd</sup>	268
	Roche's Point	29.853	43.6	38.9	49.1	44.0	31	24 <sup>th</sup>	55	7 <sup>th</sup> + 13 <sup>th</sup>	250
CHANNEL ISLANDS	Scilly (St. Mary's)...	29.913	48.0	43.6	50.2	46.9	35	27 <sup>th</sup> + 28 <sup>th</sup>	55	7 <sup>th</sup>	287
	Jersey (Noirmont)...	29.928	44.7	41.3	47.4	44.4	33	29 <sup>th</sup> + 30 <sup>th</sup>	54	2 <sup>nd</sup> , 3 <sup>rd</sup> , 7 <sup>th</sup>	264
*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  
at 8 a.m. daily.

DECEMBER 1884.

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

Relative Humidity	Amount of Cloud	Rainfall			Weather No. of Days of							Wind No. of observations of								
		Total Fall in the month	Maximum Fall in one day	Date	Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
		ins.	in.																	
84	8.4	6.71	1.45	2 <sup>nd</sup>	26	0	0	0	2	20	5	3	1	0	3	5	6	0	4	0
88	5.3	1.97	0.18	13 <sup>th</sup>	17	1	0	0	7	6	8	1	0	0	0	10	6	6	6	2
92	7.4	5.66	0.63	10 <sup>th</sup>	27	2	7	2	5	19	11	1	1	0	0	9	10	5	5	0
90	5.5	2.60	0.45	13 <sup>th</sup>	16	2	1	0	10	11	1	0	0	1	1	3	10	5	2	9
87	4.9	1.84	0.50	2 <sup>nd</sup>	17	5	3	0	12	9	3	2	0	0	1	7	13	6	2	0
73	6.5	2.95	0.47	16 <sup>th</sup>	17	2	1	0	6	8	2	0	0	1	3	1	5	15	6	0
87	6.4	1.47	0.33	4 <sup>th</sup>	17	2	1	0	7	12	7	1	0	0	2	6	17	1	3	1
89	6.4	1.52	0.32	19 <sup>th</sup>	18	0	0	0	7	14	0	7	1	4	3	4	4	8	0	0
93	5.8	1.90	0.32	19 <sup>th</sup>	19	3	0	0	5	6	4	3	1	3	3	3	11	4	2	1
91	6.7	2.36	0.36	19 <sup>th</sup>	19	1	0	0	3	9	7	2	4	4	1	3	7	7	3	0
90	7.5	1.68	0.38	7 <sup>th</sup>	19	1	0	0	4	18	0	5	2	2	2	2	13	7	1	1
89	8.3	2.01	0.38	18 <sup>th</sup>	19	3	1	1	0	20	16	4	1	4	2	1	10	6	3	0
89	7.9	2.08	0.36	5 <sup>th</sup>	18	2	0	0	6	21	2	3	5	2	2	2	12	3	2	0
87	6.9	2.32	0.42	5 <sup>th</sup>	18	3	0	0	7	18	7	4	3	3	2	3	9	6	1	0
90	7.6	5.58	0.80	11 <sup>th</sup>	23	2	0	0	3	15	7	3	3	4	1	1	4	10	5	0
90	6.2	3.39	0.49	6 <sup>th</sup>	18	0	1	0	6	9	9	3	5	4	0	1	5	10	3	0
94	7.9	4.55	0.51	2 <sup>nd</sup>	21	3	1	1	5	23	10	2	2	6	0	3	8	6	2	2
90	4.5	10.11	1.69	10 <sup>th</sup>	19	5	0	0	3	18	3	4	2	2	5	1	8	7	1	1
86	8.5	3.83	0.12	2 <sup>nd</sup>	20	0	2	0	1	21	5	5	5	0	5	3	8	7	2	0
81	6.2	2.73	0.46	14 <sup>th</sup>	18	2	1	0	8	13	3	3	2	3	3	4	8	7	1	0
83	7.5	3.59	0.50	14 <sup>th</sup>	17	0	0	0	1	13	6	1	3	3	3	3	8	8	2	0
80	6.3	3.47	0.58	5 <sup>th</sup>	22	0	0	0	3	7	10	1	5	4	1	1	8	8	3	0
89	7.3	5.23	0.77	3 <sup>rd</sup>	20	0	2	0	3	15	9	2	6	1	1	1	9	6	4	1
93	5.2	3.36	0.44	1 <sup>st</sup>	20	1	0	0	8	3	7	2	1	0	0	4	11	9	4	0
85	7.4	4.75	0.50	16 <sup>th</sup>	22	3	11	2	3	10	14	1	0	0	4	3	9	9	5	0
89	7.3	4.14	0.38	7 <sup>th</sup>	22	0	0	0	5	17	0	1	0	0	1	3	4	13	2	7
90	7.6	5.68	0.60	3 <sup>rd</sup>	23	0	1	0	3	17	10	2	3	0	3	3	5	9	4	2
88	6.3	5.33	0.60	3 <sup>rd</sup> 7 <sup>th</sup>	21	1	1	1	5	11	7	6	1	1	1	1	6	16	5	0
87	8.5	2.64	0.36	3 <sup>rd</sup>	22	0	1	0	0	16	9	2	3	3	2	1	9	6	5	0
90	8.0	5.71	0.79	8 <sup>th</sup>	25	0	8	0	0	16	10	2	6	3	1	0	7	8	3	1

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.		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.	
1 <sup>st</sup>	Shields																0.01
	Oxford																0.43
2 <sup>nd</sup>	Shields						29.03	.61									
	Valencia														54		
	Cambridge														52		
4 <sup>th</sup>	Shields															36	
	Dungannon	29.50															
5 <sup>th</sup>	Cumburgh Hd.															39	
	St. John's Head	29.45															
6 <sup>th</sup>	Ardsassan																0.26
	Mullaghmore													6		40	
9 <sup>th</sup>	Hunt Castle								50	49						49	
10 <sup>th</sup>	Leith															45	
	Yarmouth 2pm						29.91										
	Jersey 2pm								49	47							
11 <sup>th</sup>	Queen's Head															37	
	Valencia															48	
	Brandy Point															46	
	Dungannon															46	
12 <sup>th</sup>	Oxford																0.06
13 <sup>th</sup>	Mullaghmore														51		
14 <sup>th</sup>	St. Mary's																0.56
	Leith						29.40										
	Loughborough								51							51	
	Ardsassan																0.22
	Valencia																0.89
	Leith		54												54		0.03
	Brandy Point																
15 <sup>th</sup>	St. Mary's		41														
	St. John's Head														51		
17 <sup>th</sup>	Mullaghmore														48		
	Parsonstown	29.71															
	Roch's Point	29.78															
18 <sup>th</sup>	Jersey 2pm																
19 <sup>th</sup>	Valencia									45		SW					
20 <sup>th</sup>	Leith			W													
21 <sup>st</sup>	Penrhiel																0.01
	Oxford						30.01										
23 <sup>rd</sup>	Naas															26	
	Roch's Point						30.10	.26									
24 <sup>th</sup>	Roch's Point						30.26	.00				W					
26 <sup>th</sup>	Dungannon																no rain
27 <sup>th</sup>	Barrow-in-Warwick															31	
28 <sup>th</sup>	Loughborough											E	3				
	Mullaghmore								39	37	.4				48		
29 <sup>th</sup>	Mullaghmore															36	
	Barrow-in-Warwick															32	
30 <sup>th</sup>	Mullaghmore 2pm						29.81										