

METEOROLOGICAL OFFICE

✓  
LONDON.

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DAILY WEATHER REPORTS.

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

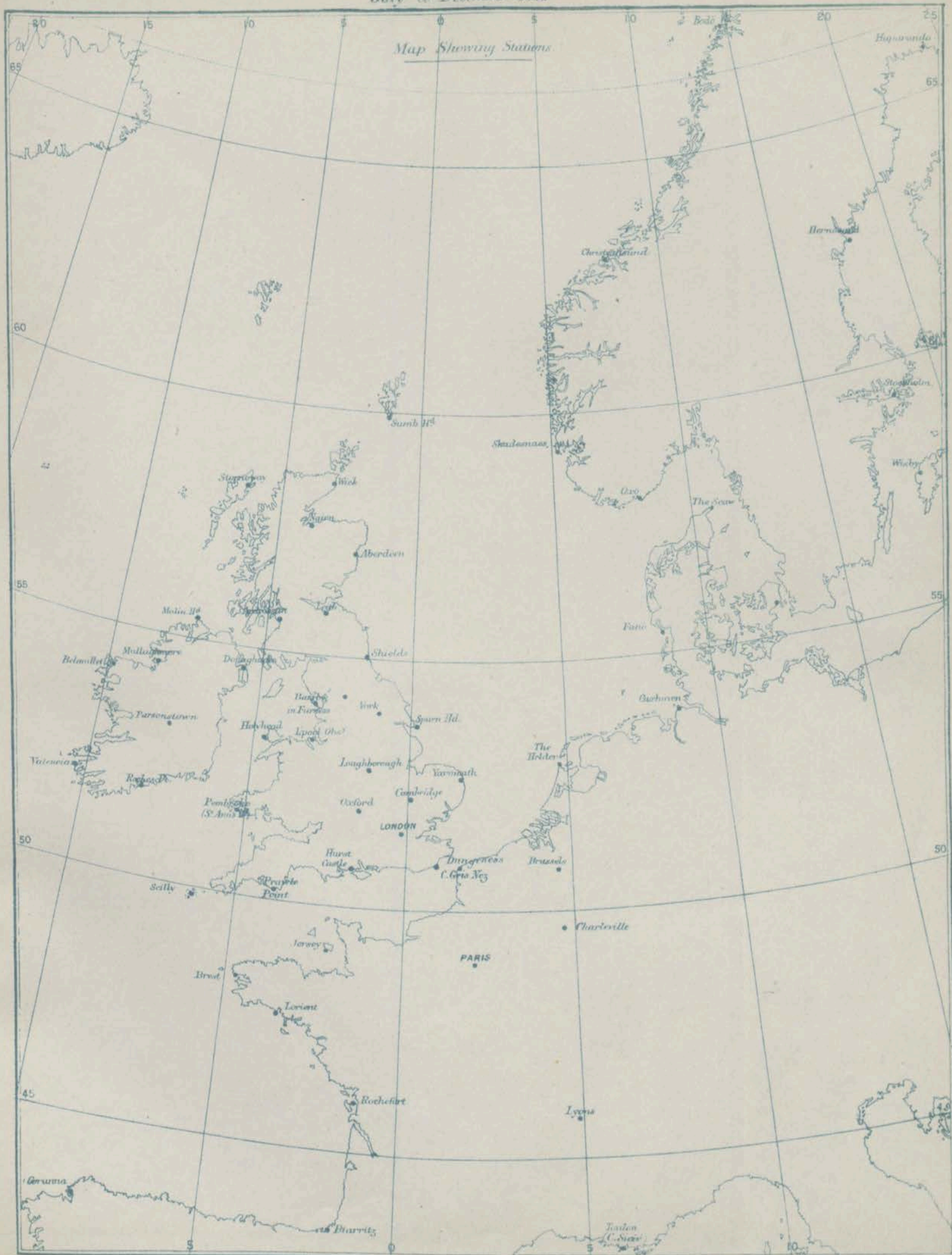
1885.

*Sec. Reg. Lond.*



# DAILY WEATHER REPORT.

July to December 1865.





# DAILY WEATHER REPORT

for *Tuesday 1<sup>st</sup> December 1885.*

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

Issued by the Meteorological Office, 16, 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.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Direc.	Force. (0 to 12.)				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)		Max.	Min.				
Haparanda	29.13	25	SE	2	S	29.08	-.16	25	25	+ 1	SE	2	3	?	19	0.16			
Hernösand	29.14	26	Z	0	b	29.17	-.02	28	24	- 6	Z	0	b	34	25	-			
Stockholm	29.18	33	NNE	2	S	29.28	-.03	32	31	0	N	2	0	36	30	0.28			
Wisby	29.21	42	NNE	6	0	29.26	-.02	39	34	0	NNE	6	0	45	23	0.04			
Bodö	28.96	34	E	2	m	28.91	-.09	36	33	+ 3	SW	6	2	?	?	-			
Christiansund	29.15	40	SW	2	c	29.16	0.00	40	38	0	SW	4	1	41	36	-			
Skudesnaes	29.39	45	WNW	4	bc	29.50	+ .36	44	41	- 1	W	6	0	44	?	0.08			
Oxö (Christiansund)	29.45	44	WNW	8	b	29.47	+ .28	42	39	+ 3	W	6	0	45	?	-			
Skagen (The Skaw)	29.34	43	WNW	4	b	29.45	+ .21	41	41	+ 1	NW	5	0	45	?	0.04			
Faro	29.61	41	W	4	b	29.72	+ .33	42	41	- 2	W	4	0	?	?	-			
Cuxhaven		42		3	c	29.86	+ .31	43	43	- 4	W	4	0	?	?	-			
Sumburgh Head	29.22	44	W	5	c	29.48	+ .33	41	39	- 3	WNW	6	0	46	36	0.11			
Stornoway	29.45	43	W	5	bq p	29.73	+ .42	40	40	- 3	SW	4	bq p	47	34	0.15			
Wick	29.41	41	W	1	b	29.40	+ .38	38	34	0	WNW	4	0	44	36	-			
Nairn	29.50	42	SW	2	0	29.77	+ .41	40	38	+ 2	WSW	3	0	45	34	0.04			
Aberdeen	29.54	41	WSW	2	b	29.79	+ .34	39	34	+ 1	WSW	1	0	45	36	-			
Leith	29.63	43	W	3	b	29.88	+ .38	43	41	- 1	W	2	0	51	41	0.02			
Shields	29.71	44	SW	3	b	29.95	+ .38	44	42	- 1	WSW	3	0	44	41	-			
Spurn Head	29.50	44	W	3	b	29.96	+ .33	44	43	- 2	W	6	0	44	41	-			
York	29.78	45	W	3	b	30.02	+ .38	44	42	- 4	W	3	0	52	42	-			
Loughborough	29.84	45	W	1	b	30.09	+ .41	43	41	- 5	W	3	0	50	40	0.03			
Ardrossan	29.69	46	WNW	4	b	29.94	+ .38	46	44	+ 1	WNW	6	bq p	48	44	0.13			
Malin Head	29.73	45	W	3	bp	29.99	+ .43	45	44	+ 2	WNW	3	0	48	42	0.11			
Mullaghmore	29.82	47	WSW	5	bp	30.09	+ .46	47	44	+ 4	W	5	0	49	42	0.08			
Belmullet	29.85	46	WNW	5	cp	30.13	+ .48	47	44	+ 2	W	5	0	48	44	0.04			
Donaghadee	29.80	44	WNW	3	b	30.06	+ .43	40	39	0	W	4	0	47	38	-			
Barrow-in-Furness	29.81	46	SW	2	bc	30.01	+ .40	45	43	- 1	WNW	3	0	48	44	-			
Liverpool (Bidston)	29.83	44	W	4	b	30.04	+ .41	44	43	- 2	W	5	0	49	43	-			
Holyhead	29.88	44	W	3	b	30.12	+ .44	46	44	- 2	W	6	0	50	41	-			
Parsonstown	29.94	43	W	1	b	30.20	+ .47	41	40	0	SW	1	0	49	38	0.04			
Valencia	30.01	44	W	2	bp	30.28	+ .50	46	45	-	W	2	0	52	44	0.10			
Roche's Point	29.94	48	WNW	3	b	30.24	+ .50	41	39	- 1	WNW	1	0	53	39	-			
Pembroke	29.95	50	WNW	3	b	30.20	+ .47	49	46	+ 2	WNW	5	0	50	47	-			
Seilly	29.99	51	WNW	4	c	30.27	+ .49	50	47	+ 5	WNW	5	0	55	49	0.03			
Prawle Point	30.00	48	WNW	3	b	30.26	+ .45	43	42	- 11	WNW	1	0	54	40	0.03			
Hurst Castle	29.93	50	WNW	2	odm	30.20	+ .42	43	43	- 9	WNW	3	0	54	41	0.06			
Dungeness	29.81	53	W	6	am	30.13	+ .36	39	39	- 14	W	2	0	54	38	0.13			
London	29.90	48	N	2	0	30.15	+ .43	39	39	- 18	WSW	2	0	58	38	0.26			
Oxford	29.97	46	NW	2	b	30.16	+ .46	40	39	- 15	W	3	0	55	40	0.21			
Cambridge	29.84	48	W	0	b	30.12	+ .40	40	39	- 8	W	1	0	51	38	0.25			
Yarmouth	29.80	48	WSW	2	c	30.05	+ .34	39	38	- 9	W	3	0	49	38	0.14			
The Helder	29.78	46	W	3	b	29.98	+ .33	45	43	- 2	W	3	0	?	45	0.20			
Cape Gris Nez																			
Jersey	29.97	54	W	5	nf	30.23	+ .29	48	46	- 7	NNE	3	0	56	47	0.06			
Brest	30.05	54	W	5	f	30.28	+ .28	50	47	- 4	WNW	4	0	54	48	0.20			
Lorient	30.11	55	W	4	m	30.28	+ .19	49	48	- 6	WNW	5	0	57	45	0.32			
Rochefort	30.30	58	SW	4	0	30.24	-.06	56	56	- 2	WSW	8	0	59	52	0.08			
Biarritz	30.30	59	W	0	b	30.26	-.01	55	52	0	SW	3	0	63	48	-			
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*														
Charleville	30.04	57	SW	4	1	30.15	+ .13	46	45	- 10	W	1	0	54	45	0.24			
Paris	30.01	58	SW	5	0	30.19	+ .13	50	48	- 8	W	4	0	?	?	0.24			
Lyons	30.25	58	WNW	1	bc	30.19	-.09	54	51	+ 2	SSW	1	0	64	?	-			
Touton	30.13	62	WNW	5	b	30.04	-.05	55	53	+ 4	WNW	5	0	68	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).

Printed by Dungey & Co. Ltd. London



# WEATHER CHARTS

For 8 a.m. on Tuesday, 1<sup>st</sup> December, 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

→ force above 10; → force 8 to 10;

→ force 5 to 7; → force 1 to 4;

○ = dead calm.

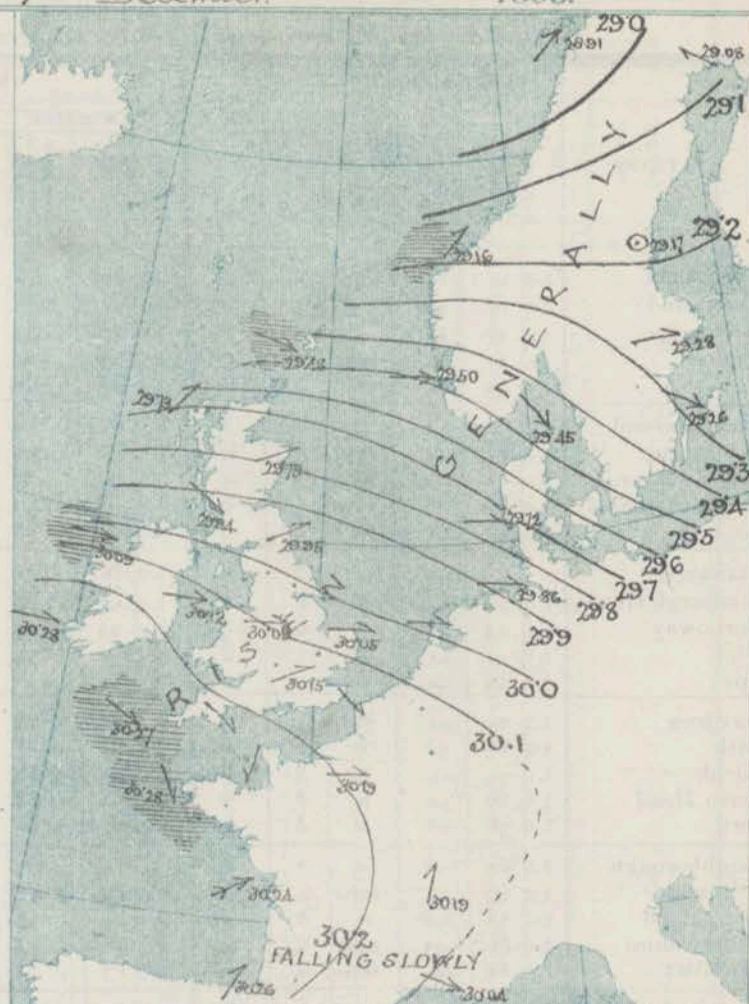
**Sea Disturbance** — where considerable is shown thus

▨ = Rough ▨ = High

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of 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
Holyhead	29.858
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





# REMARKS.

for Tuesday 1<sup>st</sup> December.

1885, at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to rise at all but the southern French stations. The shallow depression which passed across the south of England yesterday, have travelled away to the eastward, and an area of high pressure in which readings exceed 30.2 ins. now lies over France and our south-west coasts. The wind is NW<sup>2</sup> over the Channel and north-west of France, but W<sup>2</sup> or SW<sup>2</sup> elsewhere; in force it is light to fresh generally. Rain is falling in the west of Norway and also at some of the French stations, but elsewhere the weather is generally fine. Showers are, however, falling on our extreme north-west coasts. Lightning was seen at Kairn last night. Temperature has fallen several degrees over England and France, but changed irregularly elsewhere; readings now range from 50° at Scilly to 39° in London and 38° at Wick. The sea is rough at Lumburgh Head, rather rough at Ardrossan, Mullaghmore and Scilly, moderate to smooth elsewhere.

There is at present no sign of any new depression and fine weather seems likely to continue for a time.

## FORECASTS

For the 24 hours ending at NOON on 2<sup>nd</sup> December. 1885.

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

### DISTRICTS.

### FORECASTS.

- |                      |   |
|----------------------|---|
| 0 { SCOTLAND NORTH   | W <sup>2</sup> winds, fresh or strong; changeable, some showers.    |
| 1 { SCOTLAND EAST    | W <sup>2</sup> winds, moderate; fair generally, but local 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    | W <sup>2</sup> and NW <sup>2</sup> winds, moderate; fine generally. |

### DISTRICTS.

### FORECASTS.

- |                    |  |
|--------------------|--|
| 6 { SCOTLAND WEST  | W <sup>2</sup> and NW <sup>2</sup> winds, moderate or fresh; fair generally but local showers. |
| 7 { ENGLAND N.W.   | -----D°-----D°-----D°-----   |
| 8 { ENGLAND S.W.   | Same as No 5   |
| 9 { IRELAND NORTH  | Same as No 6   |
| 10 { IRELAND SOUTH | Same as No 5   |
| WARNINGS           | None issued.   |



# 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	29.28	45	42	WNW	8	0	5	Holyhead	29.78	49	46	W	3	6	3
Sumburgh Head	29.22	43	41	W	4	6c	4	Valencia	29.92	52	49	WSW	4	6	5
Stornoway	29.38	46	45	W	5	bgp	4	Scilly	29.91	51	51	WN	5	op	6
Aberdeen	29.48	45	41	WSW	3	6	1	Dungeness	29.80	58	53	W	6	n	5
Shields	29.65	46	44	SW	2	6c	2	London	29.78	54	54	WSW	2	ofn	*
Ardrossan	29.63	47	46	WNW	4	c	3	Yarmouth	29.72	49	48	WSW	2	cf	2
Malin Head	29.65	47	45	W	3	6	3	Jersey	29.94	55	55	WSW	6	f	5
Mullaghmore	29.73	49	46	WSW	5	e	5	Rocheport	30.31	59	59	SW	7	o	3
Belmullet	29.77	48	45	W	5	6c	*								

## REMARKS.

The barometer continues to rise generally, but little change is shown in the winds excepting at Scilly, where a shift to NW. has occurred. Dull, rainy weather continues in the southeast of England, but at our western and northern stations the sky is moderately clear. The sea is rough at Scilly, rather rough in the west and south generally.



# DAILY WEATHER REPORT

for Wednesday — 2<sup>nd</sup> December. 1885.

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	29.04	28	Z	0	S	29.09	+ .01	22	22	— 3	NN	2	0	*	28	19	0.08	
Hernösand	29.22	25	Z	0	b	29.27	+ .10	33	32	+ 5	NN	4	b	*	?	21	—	
Stockholm	29.52	31	Z	0	b	29.43	+ .15	30	28	— 2	WNW	2	b	*	36	30	—	
Wisby	29.36	40	W	4	b	29.39	+ .13	40	36	+ 1	WNW	8	bc	*	43	27	—	
Bodö	28.98	38	WSW	2	0	29.22	+ .31	35	33	— 1	WNW	4	0	2	?	?	0.39	
Christiansund	29.31	41	W	9	r	29.52	+ .36	40	37	0	W	7	c	5	41	36	0.67	
Skudesnæs	29.73	43	WNW	8	bc	29.75	+ .25	44	44	0	WSW	4	r	4	45	43	0.12	
Oxö (Ålansund)	29.62	42	W	6	b	29.76	+ .29	40	38	— 2	W	4	0	3	43	39	—	
Skagen (The Skaw)	29.62	42	WNW	6	b	29.73	+ .28	42	40	+ 1	WNW	7	bc	5	45	39	—	
Faro	29.90	42	W	6	c	29.96	+ .24	43	42	+ 1	W	4	c	*	45	41	—	
Cuxhaven	29.84	40	W	5	0	30.11	+ .25	43	43	0	W	5	f	*	43	39	—	
Sumburgh Head	29.67	44	WNW	5	c	29.57	+ .09	46	44	+ 5	SW	4	0	4	48	37	0.12	
Stornoway	29.81	45	W	5	bc	29.81	— .22	48	48	+ 8	SSW	8	opq	7	49	38	0.36	
Wick	29.82	41	SW	1	0	29.63	— .07	45	43	+ 7	W	3	0	2	45	38	0.12	
Nairn	29.80	43	WSW	3	c	29.68	— .09	47	44	+ 7	WSW	5	c	3	47	39	0.02	
Aberdeen	29.94	39	W	2	b	29.77	— .02	44	41	+ 5	SW	6	bcq	2	45	36	—	
Leith	30.05	45	W	2	b	29.91	+ .03	47	43	+ 4	W	4	c	*	49	42	—	
Shields	30.11	44	WSW	3	b	30.02	+ .07	44	42	0	SSW	2	bc	2	47	44	—	
Spurn Head	30.15	44	W	5	b	30.16	+ .20	40	40	— 4	SW	4	bw	2	46	38	—	
York	30.20	43	W	3	b	30.15	+ .13	39	38	— 5	SW	2	b	*	48	36	—	
Loughborough	30.27	42	W	1	b	30.25	+ .16	38	38	— 5	SSW	4	cu	*	48	36	—	
Androssan	30.10	48	WNW	5	bcq	29.92	— .02	47	46	+ 1	SSW	6	0	5	49	45	—	
Malin Head	30.08	46	W	4	b	29.69	— .30	45	43	0	SSW	6	cg	5	48	44	—	
Mullaghmore	30.17	46	WSW	5	b	29.78	— .31	47	44	0	SSW	8	r	6	50	45	—	
Belmullet	30.17	48	SW	5	b	29.75	— .38	49	46	+ 2	WSW	8	c	*	50	45	0.02	
Donaghadee	30.24	43	NN	3	b	29.97	— .09	45	42	+ 5	WSW	5	c	3	47	38	—	
Barrow-in-Furness	30.19	45	SW	3	b	30.21	+ .11	45	44	0	S	5	0	*	48	44	0.02	
Liverpool (Bidston)	30.25	43	W	3	b	30.15	+ .08	43	40	— 1	SSE	2	c	3	47	38	—	
Holyhead	30.26	47	WSW	1	b	30.11	— .01	49	45	+ 3	SSW	6	opq	5	49	41	—	
Parsonstown	30.29	42	Z	0	b	29.99	— .21	47	43	+ 6	SW	2	opq	*	50	38	—	
Valencia	30.22	49	SSW	3	0	29.98	— .30	50	49	+ 4	SSW	8	og	7	53	45	0.01	
Roche's Point	30.34	45	W	2	b	30.08	— .16	50	47	+ 9	SW	6	c	5	50	40	—	
Pembroke	30.38	49	WNW	2	b	30.20	— .00	49	46	0	SW	5	bc	4	49	48	—	
Scilly	30.37	51	WNW	4	c	30.25	— .02	49	45	— 1	S	5	0	5	52	45	—	
Prawle Point	30.40	44	WNW	2	b	30.32	+ .06	48	46	+ 5	SSW	3	bc	3	53	39	—	
Hurst Castle	30.35	44	WNW	2	b	30.33	+ .13	40	40	— 3	NE	1	f	3	52	35	0.02	
Dungeness	30.28	41	WNW	3	b	30.22	+ .19	36	36	— 3	WNW	1	bm	2	52	32	—	
London	30.31	43	WSW	2	bm	30.33	+ .18	33	33	— 6	SW	1	bf	*	50	32	—	
Oxford	30.35	42	W	3	b	30.31	+ .15	36	36	— 4	W	1	f	*	50	35	—	
Cambridge	30.27	39	W	1	b	30.30	+ .18	34	33	— 6	SW	1	b	*	50	31	—	
Yarmouth	30.19	42	WSW	3	b	30.25	+ .20	36	35	— 3	WSW	2	bm	2	46	34	0.01	
The Helder	30.17	45	WNW	3	bc	30.23	+ .25	44	43	— 1	WSW	3	b	2	46	43	—	
Cape Gris Nez	30.19	45	W	4	b	30.32	+ .39	39	39	— 3	SW	1	b	1	48	37	—	
Jersey	30.36	48	NNE	2	bm	30.35	+ .12	45	44	— 3	SSE	2	bm	3	52	43	—	
Brest	30.44	46	N	1	b	30.39	+ .11	43	42	— 7	SE	3	0	5	52	41	—	
Lorient	30.41	50	N	5	b	30.36	+ .08	43	42	— 6	ENE	4	bc	3	55	37	—	
Rochefort	30.37	50	NNE	5	b	30.34	+ .10	44	41	— 12	E	7	b	2	59	37	0.04	
Biarritz	30.36	35	NNE	5	0	30.20	— .06	42	40	— 13	ENE	1	0	2	59	29	0.08	
Cornwall	*	*	*	*	*	? 30.25	— .14	52	51	— 4	ENE	4	b	4	57	41	—	
Brussels	*	*	*	*	*	30.37	+ .26	36	36	— 9	WSW	4	f	*	48	36	—	
Charleville	30.34	39	NE	1	b	? 30.41	+ .26	34	34	— 12	N	1	0	*	?	?	—	
Paris	30.31	47	N	4	b	30.43	+ .24	39	39	— 11	N	4	f	*	*	*	0.04	
Lyons	30.26	55	N	5	0	30.29	+ .10	39	37	— 15	NNW	5	b	*	64	38	0.04	
Toulon	30.02	59	NN	5	bc	30.03	— .01	33	46	— 2	NE	3	c	3	63	46	—	

## EXPLANATION OF COLUMNS.

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

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

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

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



# WEATHER CHARTS

For 8 a.m. on WEDNESDAY, 2<sup>ND</sup> December

1885.

## 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.

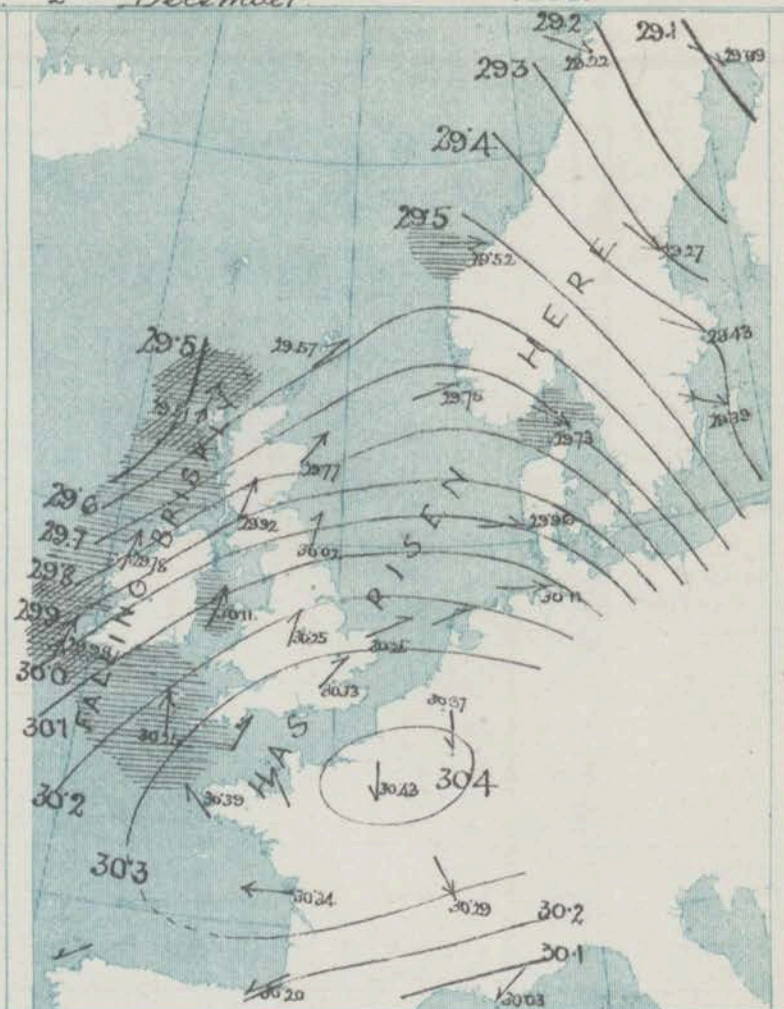
**Sea Disturbance** — where considerable is shown thus

■ = 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.
	in.
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
Holyhead	29.858
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.

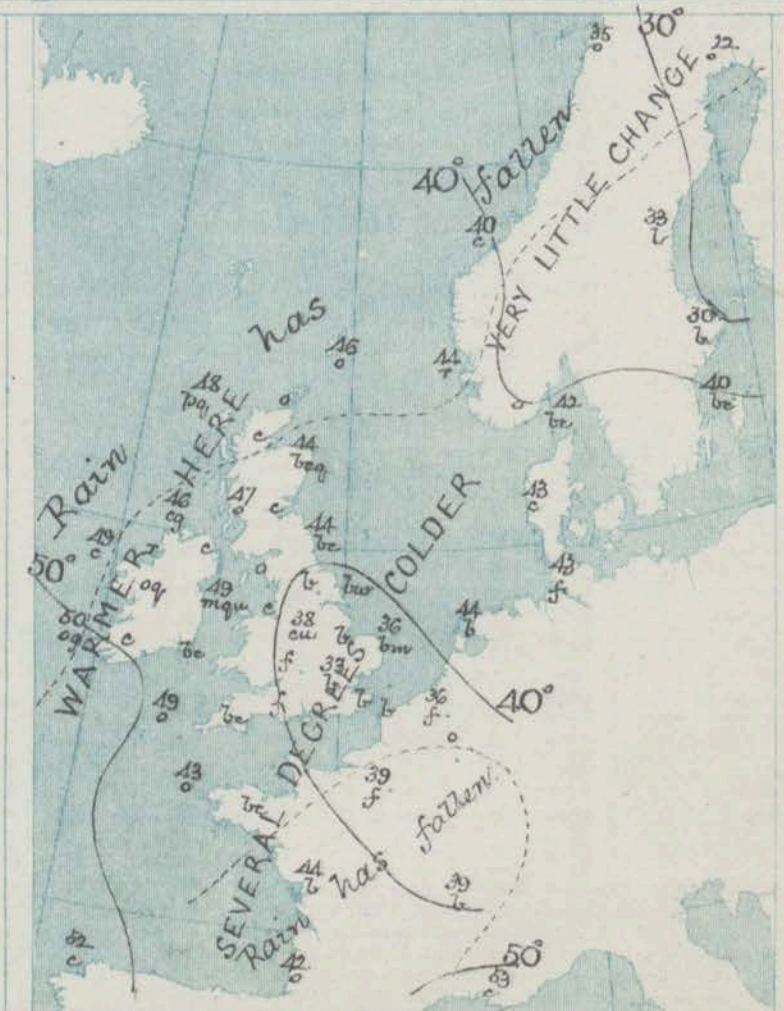
**Rainfall** A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m. Dry	Wet	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.5	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.80
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.08
Dover	44.2	38.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	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

Wednesday 2<sup>nd</sup> December 1885. at 8 a.m.

The anticyclone which lay off the southwest of our Islands yesterday has moved eastwards and now covers the greater part of France and our southern coasts. The barometer has therefore continued to rise at our eastern, southeastern and most of the Continental stations, but in the west and north a brisk fall has set in during the night and a rather deep depression is now lying off the west of Scotland. The wind is E.<sup>ly</sup> in the west of France and W.<sup>ly</sup> on the eastern shores of the North Sea, but in our Islands it has backed to the S.W.<sup>ly</sup>, and on the western coasts of Ireland and Scotland fresh S.<sup>ly</sup> and S.W.<sup>ly</sup> gales are reported. The sky is overcast in the extreme west and north, with rain at Mullaghmore, but elsewhere the weather is mostly fine. Fog, however, prevails at some of the English and French stations. Lightning was seen at Wick and Wain last night. Temperature has fallen several degrees in England and France, but risen in Ireland and Scotland, and readings now range from 50° at Valencia and Roches Point to 33° in London. Sharp frost occurred over England last night; in London the thermometer on the grass fell to 21° and at Cliford to 25°. The sea is high at Harwich and Valencia, and rather rough in the west generally.

The depression in the northwest seems likely to move northeastwards. It will probably occasion gales at most of our western and northern stations.

## FORECASTS

For the 24 hours ending at NOON on 3<sup>rd</sup> December 1885.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

1 { SCOTLAND  
NORTH

SW<sup>ly</sup> to W<sup>ly</sup> strong winds and gales  
cloudy, squally, some rain.

1 { SCOTLAND  
EAST

----- D° ----- D° -----

2 { ENGLAND  
N.E.

----- D° ----- D° -----

3 { ENGLAND  
EAST

Same as N° 5.

4 { MIDLAND  
COUNTIES

Same as N° 5.

5 { ENGLAND  
SOUTH

SW<sup>ly</sup> winds freshening; fair to  
unsettled and some rain, turning  
milder.

### DISTRICTS.

### FORECASTS.

6 { SCOTLAND  
WEST

Same as N° 5. 0 to 2.

7 { ENGLAND  
N.W.

Same as N° 5. 0 to 2.

8 { ENGLAND  
S.W.

S<sup>ly</sup> and SW<sup>ly</sup> winds, increasing  
in force, fair to squally and rainy.

9 { IRELAND  
NORTH

SW<sup>ly</sup> to W<sup>ly</sup> strong winds and gales,  
squally and rainy at first, improving later

10 { IRELAND  
SOUTH

----- D° ----- D° -----

### WARNINGS

The S. cone was hoisted last evening in  
districts 6, 9 and parts of 1 and 10, and this  
morning in districts 7, parts of 1, 2, and 8  
and the remainder of 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	29.60	44	41	W	8	c	5	Holyhead	30.22	48	46	W	3	b	3
Sumburgh Head	29.61	41	39	WNW	5	bc	6	Valencia	30.33	53	51	WSW	3	bm	3
Stornoway	29.84	44	44	W	5	bqph	4	Scilly	30.35	52	49	WNW	4	bc	5
Aberdeen	29.90	44	41	WSW	2	b	1	Dungeness	30.21	49	46	NW	3	b	2
Shields	30.04	46	43	WSW	3	b	2	London	30.24	50	46	WNW	2	b	*
Ardrossan	30.06	49	46	WNW	4	b	3	Yarmouth	30.11	46	44	WNW	3	b	2
Malin Head	30.07	47	46	W	3	bc	4	Jersey	30.33	50	47	NNE	3	bc	3
Mullaghmore	30.17	50	47	WSW	5	bc	4	Rochefort	30.33	55	51	NNE	7	bc	2
Belmullet	30.28	50	48	W	4	bc	*								

## REMARKS.

The barometer continues to rise generally with moderate W<sup>ly</sup> or NW<sup>ly</sup> winds and fine weather. Hail showers are, however, falling at Stornoway. The sea is rough at Sumburgh Hd., rather rough at Scilly, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Thursday 3<sup>rd</sup> December 1885.*

*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 (10 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	29.28	12	2	0	b		29.30	+ 21	-6	-6	-28	17	2	5	*	28	?	-													
Hernösand	29.50	28	2	0	b		29.49	+ 22	24	24	-9	2	0	6c	*	31	23	-													
Stockholm	29.64	29	W	2	b		29.49	+ 06	38	36	+8	frsh	2	0	*	?	29	-													
Wisby	29.62	39	frsh	6	b		29.63	+ 24	40	39	0	frsh	4	0	*	45	36	-													
Bodö	29.34	33	frsh	4	b		29.11	- 11	31	28	-4	ENE	4	5	2	36	36	-													
Christiansund	29.31	41	SE	2	c		29.19	- 33	38	36	-2	frsh	6	1	5	41	36	0.20													
† Skudesnaes	29.57	46	frsh	8	0		29.52	- 23	40	38	-4	fr	7	0	5	46	?	0.12													
Oxö (Christiansund)	29.73	44	SW	6	0		29.57	- 19	38	36	-2	fr	7	1	4	45	39	0.16													
Skagen (The Skaw)	30.15	42	W	5	0		29.58	- 15	42	41	0	W	4	6c	3	45	41	0.04													
Fanö	29.93	42	SW	4	c		29.81	- 15	41	40	-2	frsh	4	6	*	45	41	0.08													
Cuxhaven	30.14	40	W	5	f		30.01	- 10	40	40	-3	frsh	6	f	*	43	38	-													
† Sumburgh Head	29.31	42	W	4	0		29.33	- 24	41	39	-5	W	5	1	5	48	39	0.10													
† Stornoway	29.46	39	fr	6	q, h, p		29.51	00	38	38	-10	SW	5	bgp	4	48	34	0.50													
Wick	29.43	39	W	2	0		29.54	- 09	36	34	-9	W	4	6c	3	46	34	0.09													
Nairn	29.49	42	frsh	3	0		29.61	- 07	37	36	-10	SW	3	6	2	48	33	0.25													
† Aberdeen	29.52	45	SSW	3	09		29.66	- 11	37	35	-7	frsh	3	6	2	48	34	-													
Leith	29.64	43	SW	5	0		29.77	- 14	40	38	-7	fr	4	6	*	49	37	0.10													
† Shields	29.73	48	SW	7	6		29.88	- 14	39	37	-5	SW	2	m	2	48	36	0.04													
Spurn Head	29.94	44	SSW	5	0		29.99	- 17	40	40	0	SW	4	em	2	45	39	-													
York	29.93	47	SW	4	0		29.98	- 17	38	37	-1	SSW	1	m	*	48	36	0.02													
Loughborough	30.05	44	SSW	4	0		30.02	- 23	40	39	+2	frsh	2	c	*	47	38	0.02													
† Ardrossan	29.70	47	fr	5	bgp		29.79	- 13	43	42	-4	frsh	7	c	5	48	40	0.17													
Malin Head	29.69	40	SSW	6	09, h, p		29.75	+ 06	39	39	-6	SSW	4	op	4	50	40	0.36													
† Mullaghmore	29.82	43	fr	6	c, p		29.81	+ 03	42	39	-5	SW	6	op	5	48	39	0.30													
Belmullet	29.84	43	frsh	7	bp		29.78	+ 03	43	42	-6	S	5	0	*	50	39	0.58													
Donaghadee	29.82	41	fr	5	6		29.88	- 09	38	36	-7	fr	3	6	1	48	35	0.08													
Barrow-in-Furness	29.83	47	S	5	1		29.92	- 20	42	40	-2	SW	4	6c	*	48	43	0.14													
Liverpool (Bidston)	29.91	48	SW	4	0		29.98	- 17	39	37	-4	SW	2	6	3	49	39	0.13													
† Holyhead	29.88	48	SSW	9	q, h, m		29.97	- 14	42	40	-6	frsh	4	6em	3	50	38	0.22													
Parsonstown	29.94	40	2	0	6		29.90	- 09	38	36	-9	SSW	1	op	*	50	34	0.17													
† Valencia	29.99	44	fr	3	6		29.85	- 13	48	46	-2	SSW	6	ag	6	52	39	0.28													
Roche's Point	29.95	45	W	2	6		29.93	- 15	44	42	-6	frsh	1	om	4	51	38	0.20													
Pembroke	29.92	50	SW	7	0		30.02	- 18	48	44	-1	SW	4	c, g	4	50	44	0.13													
† Scilly	30.10	51	SSW	6	0		30.05	- 20	50	49	+1	S	1	od	4	51	47	0.10													
Prawle Point	30.17	48	SSW	4	c		30.10	- 22	49	49	+1	SW	4	p	4	50	45	0.03													
Hurst Castle	30.19	48	SW	5	c, m		30.09	- 24	49	49	+9	frsh	6	c	3	49	40	0.03													
† Dungeness	30.21	46	frsh	4	6		30.11	- 21	49	49	+13	frsh	4	0	4	54	34	-													
London	30.17	43	SW	2	6c		30.08	- 25	47	46	+14	frsh	1	0	*	49	33	0.01													
Oxford	30.10	43	SW	4	0		30.08	- 23	43	42	+7	fr	1	6f	*	48	36	0.03													
Cambridge	30.13	41	SW	1	0		30.07	- 23	40	40	+6	SW	1	c	*	46	34	0.03													
† Yarmouth	30.13	41	SSW	2	6		30.04	- 21	42	41	+6	frsh	1	6cf	3	43	35	0.01													
The Helder	30.13	44	SW	3	c		30.02	- 21	45	44	+1	frsh	3	0	3	46	43	0.08													
Cape Gris Nez																															
† Jersey	30.23	45	SW	3	6		30.19	- 16	47	46	+2	SW	5	c, g, m	4	48	43	-													
Brest	30.24	50	SSW	4	0		30.19	- 20	51	48	+8	frsh	4	6	4	54	41	-													
Lorient	30.28	48	E	3	6		30.28	- 08	48	45	+5	S	4	6c	3	52	36	-													
† Rochefort	30.25	43	ENE	7	6		30.36	+ 02	37	37	-7	ENE	4	f	2	52	32	-													
Biarritz	30.17	48	frsh	3	0		30.27	+ 07	50	46	+8	S	1	0	2	59	39	-													
Coranna	*	*	*	*	*																										
Brussels	*	*	*	*	*		30.18	- 19	34	33	-2	SSW	6	0	*	42	34	-													
Charleville	30.34	36	NE	1	0		30.27	- 14	31	31	-3	SSW	7	0	*	39	29	-													
Paris	?	39	SW	4	f		30.30	- 13	35	33	-4	SW	4	0	*	*	*	-													
Lyons	30.28	39	W	1	6		30.35	+ 06	36	34	-3	SSW	1	6	*	44	33	-													
Toulou	30.15	59	SE	4	0		30.28	+ 25	51	46	-2	E	4	6c	3	59	50	-													

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).

Received too late for insertion in Charts

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Printed by D. B. B. Ltd. London



# WEATHER CHARTS

For 8 a.m. on Thursday, 3<sup>rd</sup> December

1885.

## 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.

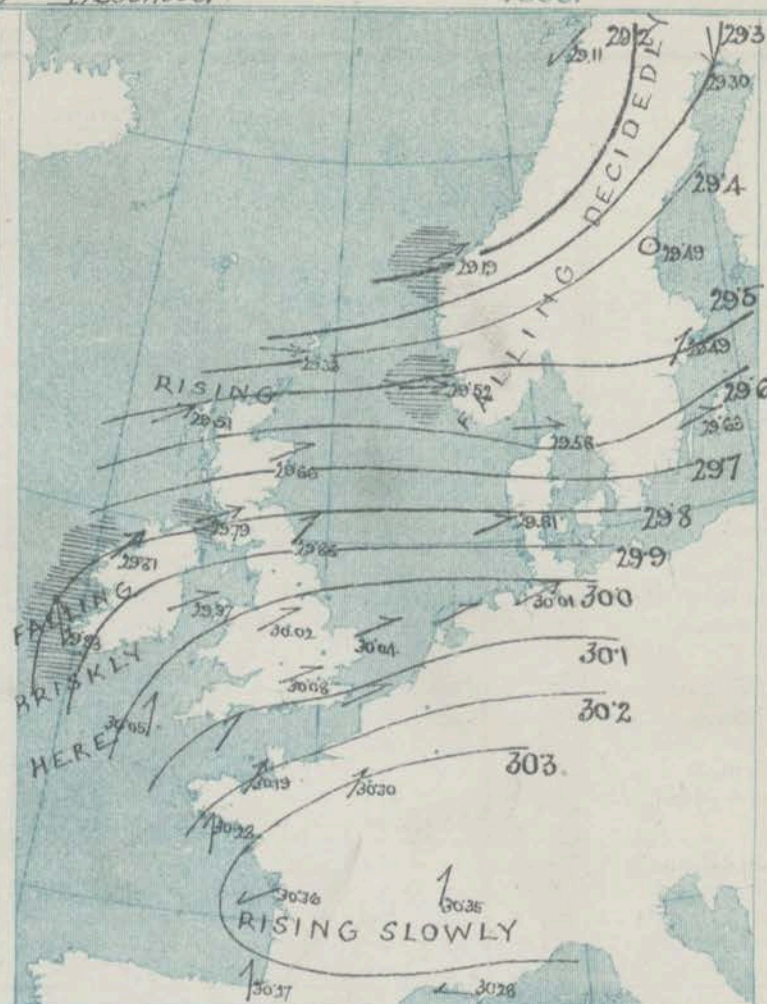
**Sea Disturbance** — where considerable is shown thus

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

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Sumburgh Head	29.680
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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.

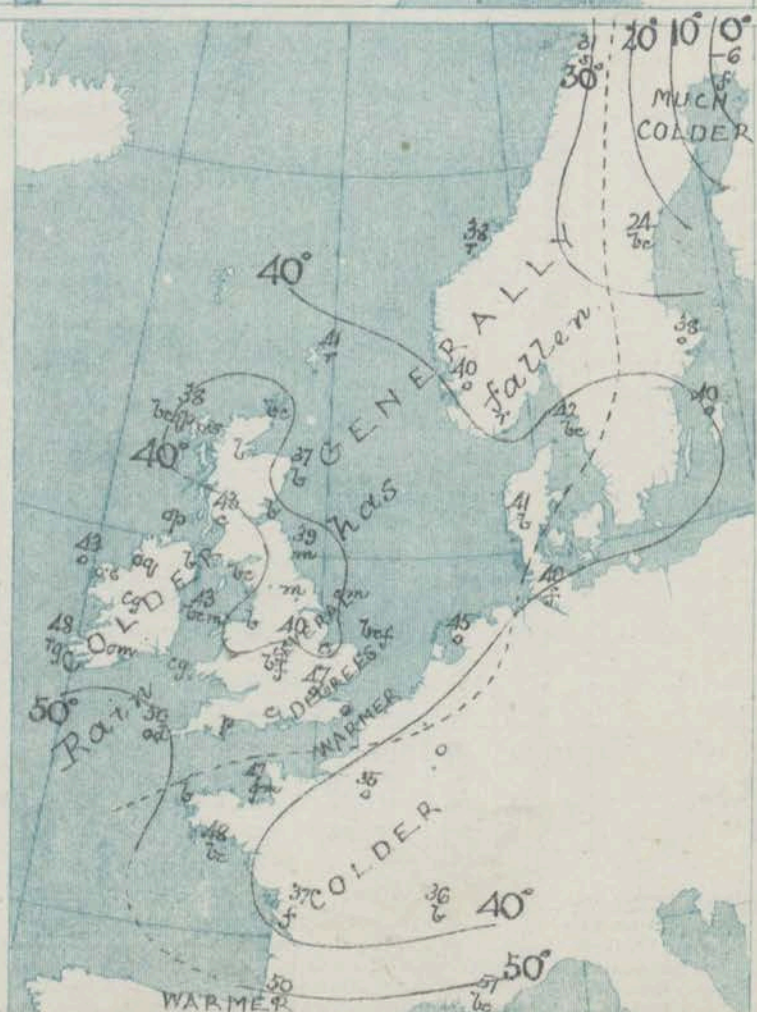
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.2	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.08
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.90

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 3<sup>rd</sup> December.

1885. at 8 a.m.

The depression which lay off the coast of Scotland yesterday has travelled away in a north-easterly direction, but a new disturbance is now approaching Ireland, and the barometer is again falling on our extreme western coasts. An anticyclone, with reading above 30.3 ins. is still lying over France. The wind is increasing from the S<sup>wd</sup> on our extreme western coast, but elsewhere moderate SW<sup>ys</sup> or W<sup>ys</sup> breezes are reported. During yesterday fresh or strong gales from the S<sup>wd</sup> or SW<sup>wd</sup> were experienced in the west and north of our Islands. The weather is fine in Denmark, Scotland, and the north of England, but cloudy or overcast elsewhere, with rain on our south-west coast and showers in the north-west. In the course of the past twenty-four hours rain has occurred generally, and hail showers have fallen at our extreme north-western stations. Temperature has risen several degrees in the south-east of England, but fallen elsewhere, and readings now range from 50° at Lillip to 36° at Wick. The sea is rough off the west coast of Ireland and Scotland, but moderate to smooth elsewhere.

The new depression which is approaching Ireland seems likely to advance over our Islands in a north-easterly direction, and a considerable increase of wind is probable in most places.

## FORECASTS

for the 24 hours ending at NOON on 4<sup>th</sup> December. 1885.

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

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

1 { SCOTLAND  
NORTH

Wind backing to the S<sup>wd</sup>, and increasing in force; fine to unsettled and rainy.

1 { SCOTLAND  
EAST

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

2 { ENGLAND  
N.E.

SW<sup>ys</sup> winds, freshening considerably; cloudy, some rain.

3 { ENGLAND  
EAST

Same as No 5.

4 { MIDLAND  
COUNTIES

Same as No 5.

5 { ENGLAND  
SOUTH

SW<sup>ys</sup> winds, moderate to strong; dull, rainy.

6 { SCOTLAND  
WEST

SW<sup>ys</sup> and S<sup>ys</sup> winds, strong; squally, some rain.

7 { ENGLAND  
N.W.

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

8 { ENGLAND  
S.W.

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

9 { IRELAND  
NORTH

SW<sup>ys</sup> to W<sup>ys</sup> or NW<sup>ys</sup> strong winds and gales; squally and rainy to fair.

10 { IRELAND  
SOUTH

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

### WARNINGS

The south cone is still flying in districts 0. 1. 6. 7. 9. 10. and parts of 2 and 8.



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

TIDE GAUGES & F.M. REPORTS AND REMARKS.														
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	29.73	46	44	WSW	6	0 5	Holyhead	29.95	50	46	SSW	7	omgy	6
Sumburgh Head	29.37	47	43	SW	5	0 5	Valencia	29.93	48	47	WSW	5	om	6
Stornoway	29.42	43	43	W	6	2 q 6	Scilly	30.15	51	47	SSW	6	0	6
Aberdeen	29.58	46	43	8	7	0 q 3	Dungeness	30.25	49	46	W	4	bc	3.
Shields	29.88	48	45	SW	6	0 2	London	30.22	49	45	SW	4	c	*
Ardrossan	29.61	47	46	SSW	8	1. 7	Yarmouth	30.18	43	42	WSW	3	b	2
Malin Head	29.65	43	42	WSW	3	bc 3	Jersey	30.26	46	45	SSW	3	bc	3
Mullaghmore	29.74	45	44	W	6	c 6	Rochefort	30.28	49	46	ENE	4	c	2
Belmullet	29.76	45	43	W	6	cpW *								

## REMARKS.

The depression of this morning is moving away to the northward of Scotland and the barometer is rising a little on our extreme northwest coasts, while the wind there has veered to the W<sup>4</sup>. Over England the barometer continues to fall and the wind is freshening from SW. Cloudy weather is reported at all but our south eastern stations, with rain in the northwest. The sea is rough in the west and northwest.



# DAILY WEATHER REPORT

for Friday 4<sup>th</sup> December 1885.

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.	SHADE TEMP.		Amount of Rainfall.		
			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	29.35	6	2	0	5	29.44	+1.4	3	3	+9	N	2	0	14	-8	-		
Hernösand	29.22	28	11	2	5	29.45	-0.4	21	21	-3	2	0	0	30	?	0.04		
Stockholm	29.43	36	W	4	6	29.55	+0.6	32	32	-6	SW	2	0	41	27	-		
Wishby	29.60	40	W	8	6	29.62	-0.1	40	38	0	W	6	0	43	34	-		
Bodö	29.18	31	E.N.E.	1	0	29.19	+0.8	31	28	0	E.N.E.	4	0	34	30	-		
Christiansund	29.27	37	W.S.W.	4	1	29.12	-0.7	39	34	+1	S.E.	3	0	39	34	0.12		
Skudesnaes	29.58	43	W.S.W.	6	6	28.99	-5.3	47	46	+7	S.S.E.	9	1	?	39	0.35		
Oxö (Ålensund)	29.65	44	W.S.W.	6	0	29.27	-3.0	46	43	+8	S.S.W.	4	5	?	?	0.24		
Skagen (The Skaw)	29.69	41	W	4	6	29.44	-1.4	41	41	-1	SW	4	0	?	37	0.04		
Fanö	29.84	41	W.S.W.	4	0	29.53	-2.8	41	41	0	SW	6	0	43	39	-		
Cuxhaven	29.98	38	W.S.W.	5	1	29.78	-2.3	38	38	-2	W.S.W.	5	0	41	36	0.06		
Sumburgh Head	29.39	42	W	5	0	28.63	-7.0	41	41	0	N.E.	4	0	43	36	0.95		
Stornoway	29.35	41	S	4	1	28.71	-5.0	40	40	+2	N	9	0	46	35	0.95		
Wick	29.43	41	SW	2	6	28.58	-9.4	43	42	+7	W	1	0	46	35	0.84		
Nairn	-	-	-	-	-	28.55	-10.6	45	43	+8	W.S.W.	3	0	48	35	0.15		
Aberdeen	29.55	42	S	4	1	28.69	-9.7	44	41	+7	SW	6	0	49	36	0.36		
Leith	29.53	42	W	3	1	28.96	-8.1	43	41	+3	W	7	0	52	35	0.14		
Shields	29.68	42	S.S.W.	5	1	29.18	-7.0	46	42	+7	SW	6	0	52	35	0.09		
Spurn Head	29.78	43	S.S.E.	5	1	29.43	-5.6	47	45	+7	SW	5	0	52	37	0.06		
York	29.77	43	S	3	1	29.39	-5.9	46	43	+8	W.S.W.	6	0	53	38	0.02		
Loughborough	29.83	43	S.S.W.	5	0	29.51	-5.1	47	44	+7	W.S.W.	4	0	51	39	0.05		
Androssan	29.40	46	S	5	0	29.11	-6.8	45	43	+2	W	7	0	46	43	0.30		
Malin Head	29.21	47	SW	9	0	29.21	-5.4	41	40	+2	W.N.W.	6	0	49	36	0.22		
Mullaghmore	29.27	52	S.S.W.	8	0	29.38	-4.3	41	39	-1	W.N.W.	7	0	52	35	0.51		
Belmullet	29.18	50	SW	9	1	29.46	-3.2	40	38	-5	N.W.	5	0	51	37	1.11		
Donaghadee	29.45	48	S.S.W.	4	0	29.19	-5.9	39	38	+1	W	8	0	52	35	0.81		
Barrow-in-Furness	29.64	44	S.E.	3	0	29.31	-6.1	45	41	+2	S	7	0	51	41	0.07		
Liverpool (Bidston)	29.70	52	S.S.E.	3	0	29.40	-5.8	44	40	+5	W.S.W.	6	0	53	39	0.11		
Holyhead	29.64	51	S.S.W.	8	0	29.46	-5.1	44	40	+1	W.S.W.	8	0	51	39	0.20		
Parsonstown	29.49	52	S.S.E.	3	0	29.56	-3.4	38	35	0	SW	1	0	54	36	0.13		
Valencia	29.45	53	S	9	0	29.69	-1.6	43	41	-5	W	8	0	55	38	0.09		
Roche's Point	29.60	48	S.S.W.	8	0	29.66	-2.7	40	39	-4	W	4	0	52	40	0.30		
Pembroke	29.73	50	S.S.W.	7	0	29.61	-4.1	46	44	-2	W.N.W.	7	0	51	44	0.10		
Sailly	29.87	52	SW	7	0	29.81	-2.4	49	43	-1	W	8	0	53	46	0.10		
Peawle Point	30.00	50	SW	5	0	29.74	-3.6	48	46	-1	W	5	0	51	46	0.25		
Hurst Castle	30.03	51	W.S.W.	6	0	29.69	-4.0	49	49	0	W	7	0	52	47	0.15		
Dungeness	30.06	49	W.S.W.	5	0	29.72	-3.9	49	49	0	W.S.W.	7	0	51	45	0.04		
London	30.00	50	SW	5	0	29.63	-4.5	50	48	+3	SW	3	0	52	47	0.12		
Oxford	29.90	50	SW	6	0	29.61	-4.7	48	46	+5	SW	4	0	51	43	0.10		
Cambridge	29.91	48	SW	3	1	29.57	-5.0	48	46	-8	SW	2	0	51	39	0.07		
Yarmouth	29.95	45	S.S.W.	2	1	29.58	-4.6	47	46	+5	S.S.W.	6	0	47	40	0.02		
The Helder	29.96	44	S.S.W.	5	1	29.67	-3.5	41	40	-4	S.S.W.	8	0	45	39	0.04		
Cape Gris Nez	30.04	49	S.S.W.	8	0	29.77	-3.5	47	46	-4	S.S.W.	8	0	50	45	-		
Jersey	30.12	45	S	6	0	29.80	-3.9	50	50	+3	SW	7	0	51	43	0.06		
Brest	30.06	51	SW	7	0	29.89	-2.0	48	48	-3	W	5	0	52	48	0.08		
Lorient	30.20	49	S	5	0	29.95	-3.5	53	52	+5	SW	8	0	54	43	-		
Rochefort	30.30	41	S.S.E.	4	0	30.18	-1.8	46	45	+9	S	5	0	?	32	-		
Biarritz	30.25	50	E	4	0	30.22	-0.5	49	47	-1	S	3	0	55	46	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.88	-3.0	40	38	+6	S.S.W.	5	0	?	33	-		
Charleville	30.30	34	S.S.W.	7	0	30.28	+0.1	38	38	+7	SW	7	0	39	31	-		
Paris	30.29	35	S.S.W.	4	0	30.05	-2.5	42	40	+7	S.S.W.	7	0	?	?	-		
Lyons	30.35	44	N	4	0	30.24	-1.1	37	35	+1	S	1	0	50	32	-		
Toulon	30.29	55	SE	3	0	30.33	+0.5	48	44	-3	NE	1	0	59	45	-		

## 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 Friday,

# CHARTS

4<sup>th</sup> December.

1885.

## 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.

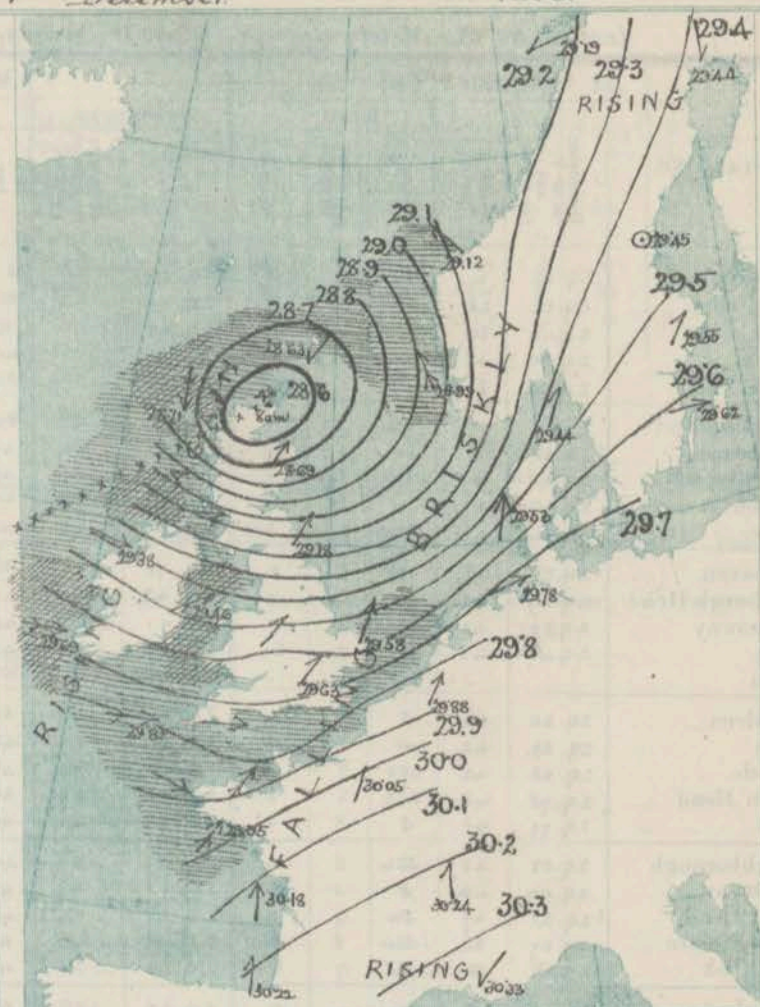
**Sea Disturbance** — where considerable is shown thus

— 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 in.
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
Holyhead	29.858
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.

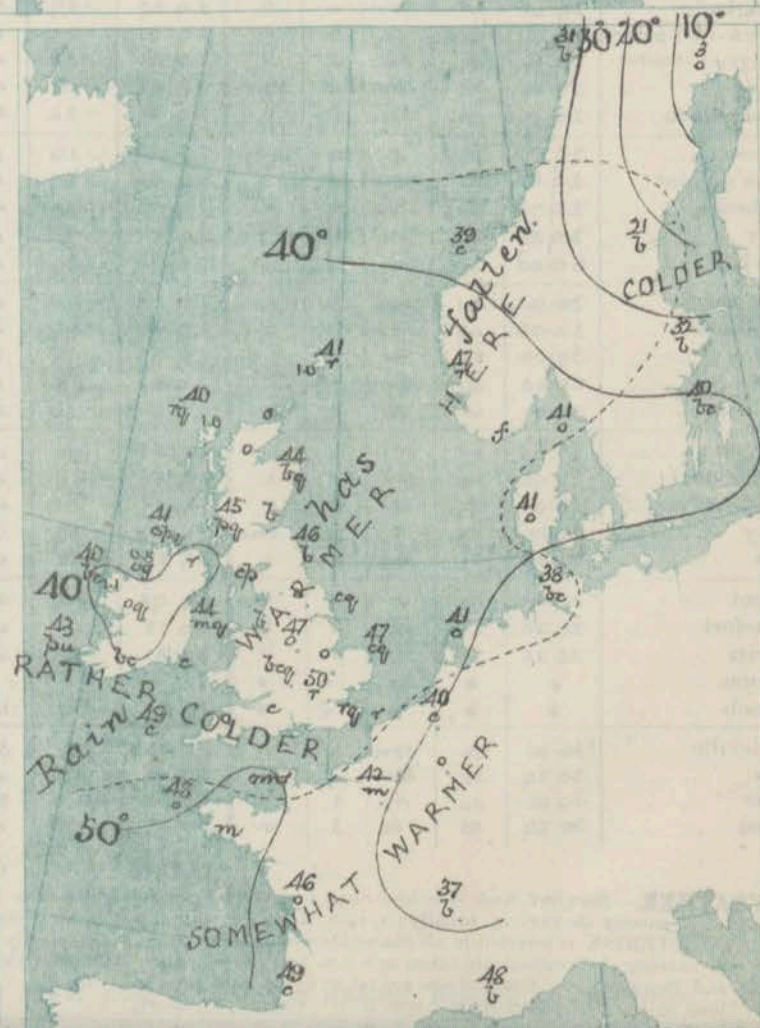
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December.

STATIONS.	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.	At 8 a.m.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.5	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.96
Shields	42.8	34.3	39.2	36.9	3.04
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.39
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.6	36.5	40.6	39.0	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.00

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





# REMARKS.

For Friday 4<sup>th</sup> December

1885 at B. a. m.

The depression which was approaching our western coasts yesterday morning, proves to have been very deep, and has since advanced in a NE<sup>th</sup> direction. Its centre, in which readings are below 28.5 in. now lies over the north-east of Scotland, and the barometer is falling briskly on all but our extreme west and north-west coasts, where a recovery of pressure has set in. The highest pressures have been transferred from Central to southern France. A strong N<sup>th</sup> gale is blowing at Stromness, strong W<sup>th</sup> winds or gales on our western and south-western coasts, and strong SW<sup>th</sup> winds in the east, while in the south of Stromness fresh S<sup>th</sup> or SE<sup>th</sup> gales are reported. In the course of night a whole gale from S. or SW. has blown on many parts of our western and northern coasts, and fresh to strong gales in the east and south. The weather is fine at several of the Swedish stations, but squally and showery elsewhere. In the course of the past 24 hours rain has fallen generally, the largest amount being 1.1 in. at Belmullet and 1.0 in. at Lumburgh N<sup>th</sup> and Stromness. At the summit of Ben Nevis the barometer at 6 pm yesterday was falling quickly with a fresh SSE breeze a temperature of 24° and snow. Temperature has fallen slightly in the west and south-west, but risen in the east, and readings now range from 50° in London to 38° at Caronstown.

The sea is high on our western coasts, rough in the Channel, moderate in the east.

The depression will probably continue to move in a NE<sup>th</sup> direction, and a temporary improvement in the weather is likely.

## FORECASTS

For the 24 hours ending at NOON on 5<sup>th</sup> DECEMBER 1885.

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

### DISTRICTS.

### FORECASTS.

1 SCOTLAND NORTH

N<sup>th</sup> and NW<sup>th</sup> winds, strong to a gale; squally, showery.

2 SCOTLAND EAST

Wind veering to W. or NW. and increasing to a gale; squally, showery.

3 ENGLAND NE

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

4 ENGLAND EAST

Same as No 5

5 MIDLAND COUNTIES

Same as No 5

6 ENGLAND SOUTH

SW<sup>th</sup> and W<sup>th</sup> winds, strong and squally; fair generally, but some showers.

### DISTRICTS.

### FORECASTS.

6 SCOTLAND WEST

W<sup>th</sup> or NW<sup>th</sup> strong winds or gales; squally, showery.

7 ENGLAND N W

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

8 ENGLAND S W

W<sup>th</sup> winds, strong to moderate; squally, showery.

9 IRELAND NORTH

Same as No 6

10 IRELAND SOUTH

Same as No 8

### WARNINGS

The south cone was hoisted yesterday in districts 0, 3, 5, 6, 9, and parts of 1, 2, 8 and 10, and rehoisted this morning in district 7, and the remainder of 1 and 2.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.56	44	39	frsh	5	0	6	Holyhead	29.80	45	44	SSW	6	sgm	5
Sumburgh Head	29.88	41	38	W	6	bc r sp	6	Valencia	29.62	53	51	SSW	9	og m	7
Stornoway	29.51	41	41	SSW	3	2	3	Scilly	29.99	53	51	SW	7	e	6
Aberdeen	29.65	41	39	SSW	3	bc	2	Dungeness	30.09	50	49	frsh	5	0	4
Shields	29.89	46	41	SSW	3	0	2	London	30.03	52	50	frsh	3	om n	*
Ardrossan	29.68	45	44	S	4	0	4	Yarmouth	30.02	44	43	frsh	2	3	2
Malin Head	29.53	47	47	S	4	1	4	Jersey	30.16	47	46	SSW	5	bc	4
Mullaghmore	29.49	41	40	ESE	5	0.7	6	Rochefort	30.29	42	41	SE	4	c	2
Belmullet	29.35	50	49	SSW	5	0.9	*								

## REMARKS.

The barometer is falling quietly in Ireland and to a less extent at all but our extreme northern stations. The wind is increasing in the west, and at Valencia a strong S.W. gale is blowing. Rain is falling on some parts of our western coasts, as well as in London, and sleet showers are reported in the Shetlands. The sea is high at Valencia, rough in the west and extreme north generally.



# DAILY WEATHER REPORT

for. Saturday 5<sup>th</sup> December 1885.

*Issued by the Meteorological Office, 116, Victoria Street, London, A. 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 .....	29.28	12	Z	0	0	28.79	- .65	24	24	+ 21	E	4	0	•	?	1	0.08	
Hernösand .....	28.97	35	S	6	h	28.58	- .87	34	34	+ 13	Z	0	h	•	36	19	0.24	
Stockholm .....	29.10	36	SW	1	0	28.58	- .97	35	?	+ 3	N	2	h	•	39	28	0.32	
Wisby .....	29.35	40	SW	6	h	28.79	- .82	41	39	+ 1	NW	8	0	•	43	37	0.04	
Bodö .....	28.95	31	ESE	4	0	28.70	- .49	27	26	- 4	ESE	4	S	2	32	27	-	
Christiansund .....	28.63	37	Z	0	h	28.80	- .32	40	36	+ 1	NW	6	C	5	?	32	0.35	
† Skudesnaes .....	28.69	43	SSW	6	C	28.98	- .01	39	38	- 8	NW	9	h	6	?	?	0.28	
Oxö (Xtiansund) .....	28.80	44	SW	6	0	28.89	- .38	41	38	- 5	N	6	bc	4	46	36	0.28	
Skagen (The Skaw) .....	28.94	40	SW	7	0	28.89	- .55	42	39	+ 1	NW	7	bc	5	45	37	0.28	
Fanö .....	29.09	41	hSW	9	h	29.24	- .29	41	39	0	N	4	bc	•	43	39	0.28	
Cuxhaven .....	29.47	40	SW	7	h	29.47	- .31	40	40	+ 2	hSW	5	bc	•	41	38	0.08	
† Sumburgh Head .....	28.89	41	NW	5	bc	29.30	+ .67	37	36	- 4	N	5	Cp	5	42	34	0.17	
† Stornoway .....	29.29	39	NW	5	hnp	29.61	+ .90	36	35	- 4	NW	4	bc	3	41	34	0.77	
Wick .....	29.13	42	NW	5	0	29.51	+ .93	36	35	- 7	NW	4	op	3	46	34	0.30	
Nairn .....	29.13	37	NW	3	0	29.56	+ 1.01	35	34	- 10	hSW	2	bc	2	45	34	0.29	
† Aberdeen .....	29.15	39	N	6	bc	29.51	+ .82	37	35	- 7	NW	5	bc	3	45	35	0.57	
Leith .....	29.28	41	N	3	bc	29.59	+ .63	36	35	- 7	N	1	bm	•	44	35	-	
† Shields .....	29.32	41	hSW	7	C	29.60	+ .42	36	35	- 10	N	2	bm	2	46	35	-	
Spurn Head .....	29.45	41	N	7	bc	29.64	+ .21	39	38	- 8	N	5	bc	5	47	37	0.02	
York .....	29.47	41	SW	6	bc	29.64	+ .25	36	35	- 10	NW	1	bc	•	48	35	0.06	
Loughborough .....	29.60	39	hSW	4	bc	29.72	+ .21	38	36	- 9	N	3	C	•	48	36	0.03	
† Ardrossan .....	29.40	43	NW	6	bc	29.64	+ .53	39	38	- 6	NW	1	bc	1	45	38	0.07	
Malin Head .....	29.49	41	NW	5	bc	29.70	+ .49	40	39	- 1	N	3	bc	4	46	37	0.06	
† Mullaghmore .....	29.64	43	N	6	bc	29.71	+ .33	37	36	- 4	hSW	1	C	3	44	35	0.13	
Belmullet .....	29.66	42	NW	6	bc	29.70	+ .24	39	38	- 1	N	2	C	•	44	39	0.11	
Donaghadee .....	29.55	39	NW	5	bc	29.70	+ .41	35	34	- 4	N	3	bc	1	42	34	0.07	
Barrow-in-Furness .....	29.49	42	SW	5	C	29.65	+ .34	41	39	- 4	NW	3	bc	•	45	40	0.09	
Liverpool (Bidston) .....	29.55	43	N	7	C	29.70	+ .30	41	39	- 3	N	4	C	h	44	38	0.15	
† Holyhead .....	29.62	42	N	6	bc	29.73	+ .27	42	40	- 2	N	5	bc	3	44	36	-	
Parsonstown .....	29.76	36	Z	0	bc	29.74	+ .18	37	35	- 1	Z	0	op	•	43	35	-	
† Valencia .....	29.90	43	NW	5	bc	29.66	- .03	42	41	- 1	ESE	3	h	3	48	39	0.21	
Roche's Point .....	29.76	40	NW	5	bc	29.74	+ .08	42	42	+ 2	E	1	h	4	47	39	0.12	
Pembroke .....	29.78	45	N	6	bc	29.80	+ .19	46	45	0	NW	4	0	h	47	40	0.03	
† Scilly .....	29.96	47	NW	6	bc	29.84	+ .03	46	45	- 3	SW	2	h	4	50	43	0.15	
Prawle Point .....	29.91	44	N	6	C	29.88	+ .14	46	42	- 2	N	3	0	5	48	40	0.03	
Hurst Castle .....	29.83	44	N	7	bc	29.83	+ .14	45	43	- 4	NW	6	bc	5	50	39	0.09	
† Dungeness .....	29.74	46	NW	5	F	29.81	+ .09	42	41	- 7	NW	5	C	h	51	39	-	
† London .....	29.71	41	N	6	bc	29.80	+ .17	38	36	- 12	hSW	3	C	•	50	35	0.04	
Oxford .....	29.75	40	hSW	4	bc	29.81	+ .20	38	36	- 10	hSW	4	bc	•	48	37	0.04	
Cambridge .....	29.65	41	hSW	3	bc	29.75	+ .18	38	36	- 10	SW	2	C	•	48	33	-	
† Yarmouth .....	29.59	41	N	6	bc	29.69	+ .11	36	35	- 11	N	3	bc	3	48	33	0.02	
The Helder .....	29.54	43	hSW	8	bc	29.62	- .05	42	40	+ 1	N	5	C	4	46	41	0.04	
Cape Gris Nez .....																		
† Jersey .....	29.95	48	NW	7	bc	29.94	+ .14	46	45	- 4	N	5	op	5	51	42	0.15	
Brest .....																		
Lorient .....	30.11	50	NW	5	bc	30.04	+ .09	48	46	- 5	N	4	0	5	55	43	0.08	
† Rochefort .....	30.17	51	NW	5	0	30.17	- .01	50	46	+ 4	hSW	4	0	2	55	45	0.16	
Biarritz .....	30.19	57	S	5	0	30.15	- .07	54	52	+ 5	S	3	0	2	57	46	-	
Corunna .....	*	*	*	*	*													
Brussels .....	*	*	*	*	*													
Charleville .....	29.96	45	SW	7	0	29.98	- .30	40	37	+ 2	SW	7	0	•	48	36	0.28	
Paris .....	29.96	46	SW	3	0	30.02	- .03	42	40	0	hSW	4	C	•	*	*	0.08	
Lyons .....	30.19	48	hSE	1	0	30.16	- .08	44	41	+ 7	NW	1	h	•	53	?	0.04	
Toulou .....	30.24	50	Z	0	bc	30.10	- .23	48	46	0	NW	3	bc	2	57	48	-	

EXPLANATION OF COLUMNS:

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

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

† The evening observations are taken at 6 p.m. in France and our Islands, while in 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. Damperfield 14th London



# WEATHER CHARTS

For 8 a.m. on Saturday, 5<sup>th</sup> December, 1885.

## 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

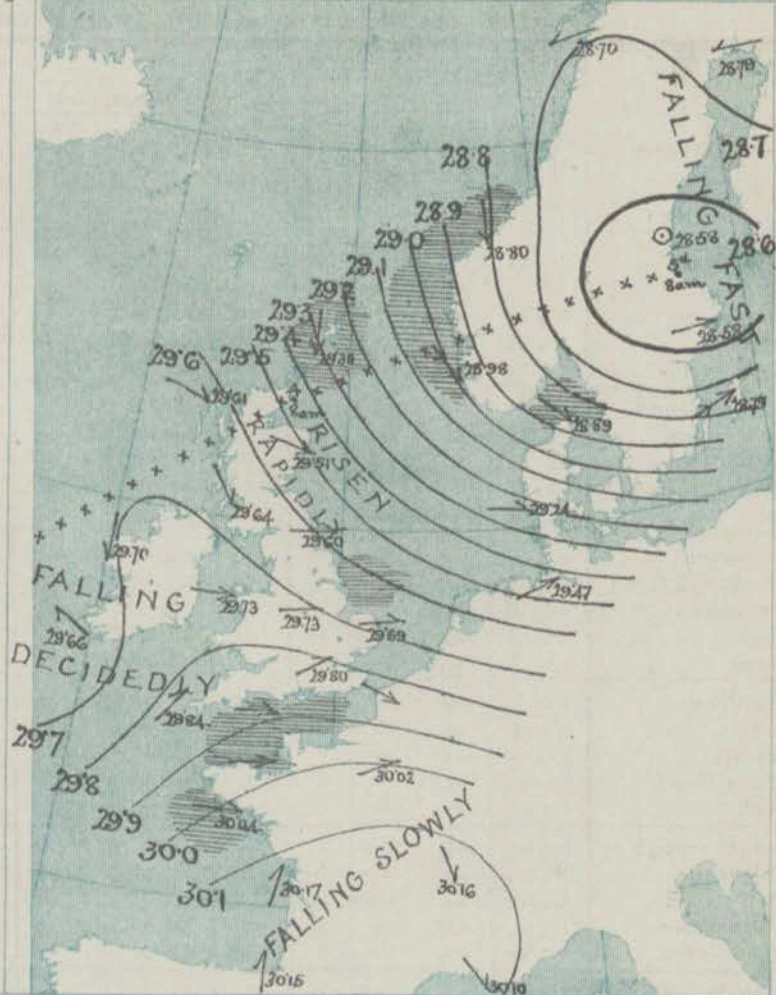
**Sea Disturbance** — where considerable is shown thus

■ 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
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	29.882
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 1/4 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of December

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.8	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	38.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.09

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 5<sup>th</sup> December

1885, at 8 a.m.

The deep depression which lay off the north-east of Scotland yesterday has travelled away to Sweden, and a rapid rise of the barometer has taken place on our north and east coasts. In the south-west, however, the barometer is again falling decidedly, and a subsidiary disturbance is apparently advancing towards the south of Ireland. The wind is strong from W. or NW. in Norway, and the north of Denmark, and moderate from the same quarters in the north and east of our islands, but at Lillie it has backed to SW., while in the south of Ireland it has shifted to SE. or E. A fresh to strong gale from NW. was experienced in Scotland yesterday and slight gales in many other parts of the Kingdom. Rain is falling on our south-west coast, and passing showers in the extreme north-west and north, but at our eastern and south-eastern stations the weather is at present fair. A solar halo is reported at Sittingbourne. Showers of hail or sleet fell yesterday in the north, and rain at several of our southern stations. Lightning was seen last night at Pembroke, Loughborough, and Sittingbourne. Temperature has fallen in most places, and readings now range from 46° in the south-west of England to 35° at Tain and Donaghadee. The sea is rough on the Norwegian and Danish coasts, and rather rough at Lumburgh H. and Spun H. as well as in the western part of the Channel.

The subsidiary disturbance which is approaching our south-west coasts will probably move eastwards, and occasion squally rainy weather over the south of England.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that a fresh gale from NE. was experienced on the 1<sup>st</sup> inst. in Lat. 41° N. Long. 62° W. the barometer at 7 am falling to a minimum of 29.7 ins.

# FORECASTS

For the 24 hours ending at NOON on 6<sup>th</sup> December. 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	W <sup>ly</sup> and NW <sup>ly</sup> winds, light or moderate, fair generally.	6 { SCOTLAND WEST	Same as No 0
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	Wind backing and freshening; fair to showery.
2 { ENGLAND N.E.	W <sup>ly</sup> to SW <sup>ly</sup> winds, freshening; fine to unsettled and some rain.	8 { ENGLAND S.W.	SW <sup>ly</sup> to W <sup>ly</sup> winds, increasing in force; perhaps a gale; squally, some rain.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	W <sup>ly</sup> and NW <sup>ly</sup> winds, moderate or fresh; unsettled, showery.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	SE <sup>ly</sup> winds, moderate, to NW <sup>ly</sup> , strong; unsettled, rainy.
5 { ENGLAND SOUTH	Wind backing to the SW <sup>ly</sup> and increasing in force; fair to squally and rainy.	WARNINGS	
		The south cone has been hoisted this morning in districts 5 and 10 and rehoisted in district 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	28.85	46	43	S	4	0	7	Holyhead	29.54	45	41	WSW	6	bcmg	6
Sumburgh Head	28.75	39	38	N	5	c	5	Valencia	29.84	47	41	WNW	7	bcghap	6
Stornoway	29.17	39	39	WNW	6	bcg/p	5	Scilly	29.90	48	44	W	8	bcg	6
Aberdeen	28.84	38	37	WNW	8	bcg	5	Dungeness	29.68	49	47	WNW	5	c	4
Shields	29.17	44	41	WSW	7	bc/p	2	London	29.67	48	42	W	5	bcg	*
Ardrossan	29.26	43	42	W	5	0	5	Yarmouth	29.51	46	42	W	7	bcg/h	4
Malin Head	29.39	41	40	WNW	5	bc	6	Jersey	29.90	49	44	WNW	7	b	5
Mullaghmore	29.50	42	40	WNW	8	c g/h	6	Rocheport	30.10	54	53	SW	8	r	3
Belmullet	29.61	40	38	WNW	9	cg/p	*								

## REMARKS.

The depression in the north is travelling eastwards and the barometer is rising on all but our east and southeast coasts. The wind has veered to NW. in Scotland and blows a fresh gale at Aberdeen. Showers are reported in most places and sleet is falling at Aberdeen. The sea is rough in northwest, moderate in the southeast.



# DAILY WEATHER REPORT

for Sunday — 6<sup>th</sup> December 1885.

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	28.45	26	NE	2	S	28.47	-.32	20	20	-4	N	2	0	*	27	10	0.24	
Hernösand	28.67	31	N	4	O	28.77	+ .19	26	23	-8	N	6	0	*	37	?	-	
Stockholm	28.78	33	NNW	3	C	29.04	+ .46	28	23	-7	W	2	0	*	39	?	0.08	
Wisby	28.87	39	WSW	8	O	28.97	+ .18	38	36	-3	W	6	0	*	39	34	-	
Bodö	28.61	25	ENE	2	C	28.63	-.07	27	27	0	ESE	2	1	*	37	25	-	
Christiansund	29.12	30	N	8	S	29.14	+ .34	28	27	-12	WNW	8	3	6	?	23	-	
† Skudesnaes	29.25	34	NNW	9	C	29.30	+ .32	28	26	-11	NNW	4	5	5	41	?	-	
Oxö (Xtiansund)	29.14	39	WNW	4	b	29.21	+ .32	31	28	-10	WNW	6	3	3	43	30	-	
Skagen (The Skaw)	29.08	40	WNW	5	b	29.18	+ .29	34	33	-8	NW	4	3	3	43	34	-	
Fanö	29.34	39	WSW	4	C	29.29	+ .05	34	33	-7	NW	2	2	*	43	34	0.24	
Cuxhaven	29.51	37	WSW	5	O	29.35	-.12	37	37	-3	NNW	3	3	*	40	34	0.30	
† Sumburgh Head	29.47	30	N	4	C	29.54	+ .24	28	26	-9	N	4	3	3	38	24	0.04	
† Stornoway	29.59	33	N	4	bcp	29.70	+ .09	27	27	-9	N	4	3	3	38	24	0.10	
Wick	29.53	35	NW	4	bv	29.66	+ .15	28	28	-8	NNW	5	3	3	40	26	0.12	
Nairn	29.53	35	NW	2	O	29.65	+ .09	27	27	-8	NNW	3	2	2	37	27	0.02	
† Aberdeen	29.51	34	NNW	4	bcp	29.60	+ .09	27	26	-10	NNW	3	3	3	38	26	0.07	
Leith	29.53	35	W	1	b	29.62	+ .03	29	29	-4	NW	1	3	*	41	31	-	
† Shields	29.51	36	W	2	b	29.54	-.06	37	34	+1	NNE	2	4	4	42	31	0.10	
Spurn Head	29.53	39	SSW	2	O	29.49	-.17	38	37	-1	N	4	5	5	42	36	0.04	
York	29.53	36	W	1	O	29.55	-.09	32	32	-4	N	1	3	*	43	28	-	
Loughborough	29.54	38	SE	1	O	29.50	-.22	32	31	-6	NW	1	3	*	43	32	-	
† Ardrossan	29.51	34	NE	1	b	29.63	-.01	30	29	-9	ENE	1	1	1	42	29	-	
Malin Head	29.53	40	NE	3	bcp	29.61	-.09	36	34	-4	ENE	4	3	3	46	36	0.01	
Mullaghmore	29.50	38	E	5	b	29.58	-.13	35	33	-2	ENE	4	3	3	39	33	-	
Belmullet	29.48	38	NE	4	b	29.55	-.15	36	33	-3	NE	4	3	3	41	35	-	
Donaghadee	29.51	40	NE	2	b	29.59	-.11	37	34	+2	ENE	4	3	3	40	33	-	
Barrow-in-Furness	29.50	37	NNW	2	C	29.54	-.11	32	30	-9	NNE	1	3	*	42	30	-	
Liverpool (Bidston)	29.48	39	SE	1	O	29.53	-.17	32	30	-9	ENE	1	2	2	43	31	-	
† Holyhead	29.47	41	ENE	2	O	29.52	-.21	37	36	-5	ENE	4	2	2	44	32	-	
Parsonstown	29.43	37	SE	1	O	29.53	-.21	34	32	-3	E	1	3	*	40	30	0.14	
Valencia	29.25	41	NNE	5	C	29.42	-.24	42	41	0	E	5	5	5	44	37	0.38	
Roche's Point	29.25	42	SE	7	T	29.45	-.29	40	40	-2	ENE	3	4	4	54	36	0.90	
Pembroke	29.27	42	ENE	7	T	29.47	-.33	37	36	-9	ENE	3	1	1	46	36	0.53	
† Scilly	29.11	54	WSW	6	T	29.41	-.43	47	46	+1	Z	0	5	5	54	45	0.81	
Prawle Point	29.21	46	SSE	4	T	29.45	-.23	40	40	-6	ENE	3	4	4	47	38	0.59	
Hurst Castle	29.50	45	S	3	rm	29.47	-.36	40	39	-5	NE	4	4	4	50	38	0.65	
† Dungeness	29.65	44	WNW	3	T	29.36	-.45	44	44	+2	ENE	4	3	3	51	42	0.48	
† London	29.66	38	S	2	T	29.47	-.33	37	36	-1	NNE	2	3	3	44	37	0.36	
Oxford	29.42	36	E	1	O	29.50	-.31	36	35	-2	NE	1	3	3	42	33	0.25	
Cambridge	29.54	38	SW	1	T	29.49	-.26	32	32	-6	NW	1	3	*	43	31	0.09	
† Yarmouth	29.60	38	WSW	1	bv	29.44	-.25	40	38	+4	N	3	4	4	41	35	-	
The Helder	29.54	42	WSW	3	bv	29.36	-.26	40	39	-2	WNW	1	2	2	43	37	-	
Cape Gris Nez																		
† Jersey	29.37	46	SSE	6	T	29.42	-.52	48	48	+2	ENE	3	4	4	54	45	0.71	
Brest	29.29	54	SW	8	T	29.45	-.51	51	50	-1	NW	4	7	7	54	48	0.83	
Lorient	29.41	53	WSW	9	T	29.52	-.52	52	52	+4	WNW	7	7	7	55	45	0.63	
† Rochefort	29.82	54	SSW	8	T	29.69	-.48	56	56	+6	W	9	4	4	?	39	0.79	
Biarritz	29.93	59	S	5	O	29.81	-.34	60	56	+6	SW	4	5	5	61	56	0.08	
Corunna	*	*	*	*	*	29.95	-.50	60	59	+1	SSW	8	4	4	61	59	0.95	
Brussels	*	*	*	*	*	29.33	-.50	38	38	+1	NNE	3	3	3	42	?	0.32	
Charleville	29.41	41	SW	4	T	29.25	-.73	45	45	+5	SW	4	3	3	46	38	0.91	
Paris	29.77	45	SE	1	T	29.40	-.62	52	50	+10	S	5	3	3	*	*	0.55	
Lyons	29.49	43	S	3	O	29.63	-.53	48	45	+4	S	8	3	3	48	42	0.08	
Toulon	30.04	48	NW	4	bv	29.82	-.26	50	47	+2	W	3	2	2	52	46	-	

## 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 6<sup>th</sup> December 1885.

## 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.

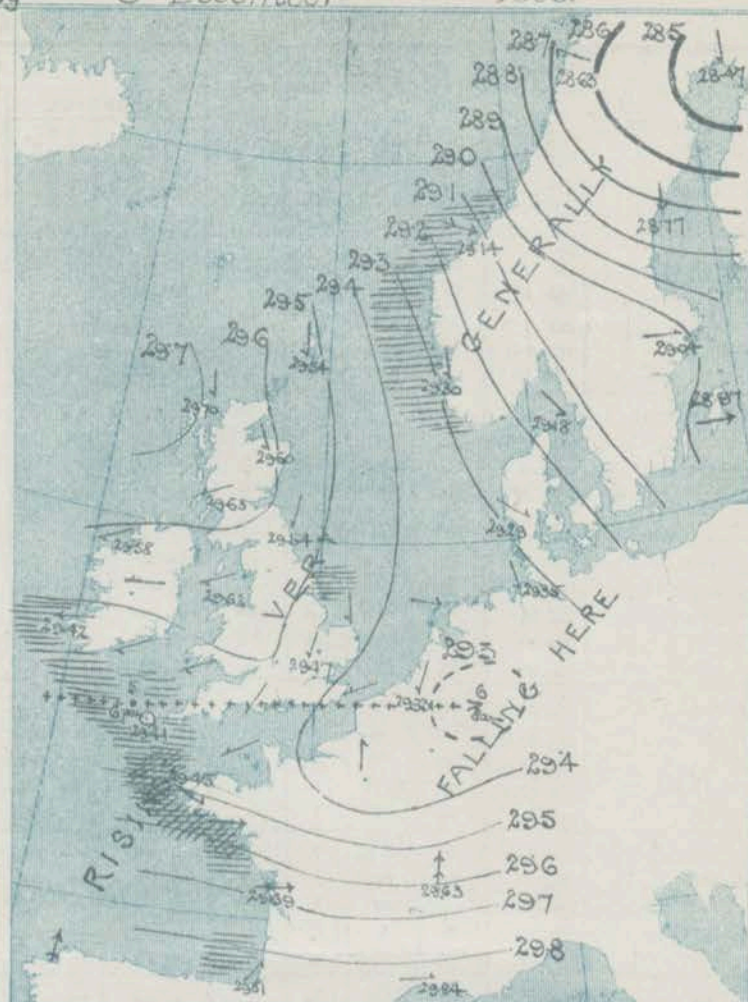
**Sea Disturbance** — where considerable is shown thus

— 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
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Silly	29.943
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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.

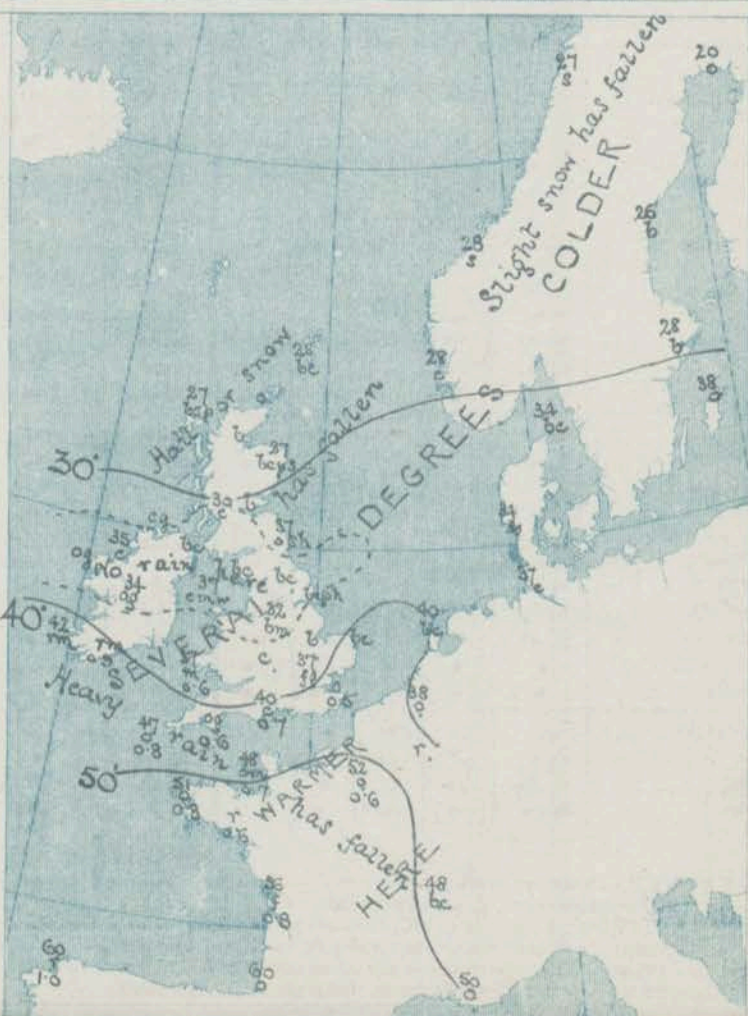
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of December

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min	At 8 a.m. Dry	At 8 a.m. Wet	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.80
Pembroke	47.1	40.4	43.7	42.6	4.26
Silly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	34.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	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 Sunday 6<sup>th</sup> December 1885. at 8 a.m.

The fall of the barometer noticed on our south-west coasts yesterday morning subsequently became very rapid and at 6 pm the centre of a well defined and rather deep depression was found near the mouth of the Bristol Channel. In the course of the night, however, this has passed ESE<sup>wd</sup> over France, and partially dispersed, and the barometer is now rising again at all but the Dutch, German, and NE<sup>m</sup> French stations. Moderate NW<sup>3</sup> or N<sup>3</sup> winds prevail over Scotland and the North Sea, and NE<sup>3</sup> or E<sup>3</sup> winds on our western and southern coasts, but in the west of France the wind is strong from the W<sup>nd</sup>. Moderate or fresh gale from S. or SE. were experienced on our SW. coasts yesterday. Snow or hail showers are falling at some of our northern and eastern stations and rain in the south of Ireland, but elsewhere the weather is cloudy or misty. Snow showers fell in Scotland yesterday and heavy rain at our southern stations, the largest amount being 0.9 in. at Rock Point, 0.8 in. at Scilly and 0.7 in. at Hurst Castle. Temperature has fallen generally, and readings now range from 48° at Jersey to 27° at Stromness. Rain and Aberdeen. Sharp frost occurred in Scotland last night. The sea is high off the north-west of France rather rough at Spun H<sup>d</sup>, Valencia and Scilly, moderate to smooth elsewhere.

## FORECASTS

For the 24 hours ending at NOON on 7<sup>th</sup> December 1885.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

1 SCOTLAND  
NORTH

2 SCOTLAND  
EAST

3 ENGLAND  
N.E.

4 ENGLAND  
EAST

5 MIDLAND  
COUNTIES

6 ENGLAND  
SOUTH

6 SCOTLAND  
WEST

7 ENGLAND  
N.W.

8 ENGLAND  
S.W.

9 IRELAND  
NORTH

10 IRELAND  
SOUTH

### WARNINGS

None issued

None issued

The signals which were hoisted yesterday in districts 3, 5, 8 to 10 and parts of 2 and 7, have been all lowered this morning.



# 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	41	37	NW	8	crh	6	Holyhead	29.59	42	41	S	1	o	2	
Sumburgh Head	29.45	32	22	N	4	csp	4	Valencia	29.26	43	42	ENE	6	rgu	6	
Stornoway	29.62	34	34	N	4	b	3	Scilly	29.37	48	45	S	8	r	6	
Aberdeen	29.52	37	35	NNW	4	b	3	Dungeness	29.76	45	43	WNW	4	c	3	
Shields	29.58	41	39	W	3	b	3	London	29.7	44	41	WSW	2	om	*	
Ardrossan	29.57	40	38	NW	1	b	1	Yarmouth	29.68	40	38	W	3	bc	3	
Malin Head	29.59	40	37	NE	3	b	3	Jersey	29.72	47	46	SSW	5	o	5	
Mullaghmore	29.37	38	37	ENE	4	cm	4	Rochefort	30.08	52	49	SSW	5	o	2	
Belmullet	29.53	41	38	ENE	4	c	*									

## REMARKS.

The barometer is now falling at all but our northern stations - rapidly in the southwest. A fresh gale from S. is reported at Scilly, and a strong breeze from ENE at Valencia, with rain at both stations. On our east coast, however, the wind is light from W. and the weather fair. The sea is rough at Valencia & Scilly, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Monday 7<sup>th</sup> December 1885.*

*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.		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	28.71	22	2	0	0	29.06	+ .59	19	18	- 1	N	8	0	*	27	19	0.12	
Hernösand	28.80	23	N	2	bc	29.10	+ .33	26	25	0	N	6	0	*	32	21	-	
Stockholm	28.93	25	NW	6	0	29.06	+ .02	28	27	0	WNW	6	0	*	30	25	-	
Wisby	29.01	31	NW	8	c	29.02	+ .05	32	32	- 6	NW	8	8	*	41	30	-	
Bodö	29.03	30	N	8	0	29.39	+ .76	23	21	- 4	ENE	6	C	3	30	23	-	
Christiansund	29.28	31	NW	4	8	29.52	+ .40	29	25	+ 1	N	4	C	5	30	25	0.24	
Skudesnaes	29.48	29	NW	6	8	29.65	+ .35	28	26	0	NW	4	C	4	?	?	-	
(Oxø (Åstmannø))	29.58	29	WNW	6	b	29.56	+ .35	30	28	- 1	WNW	4	C	4	32	24	-	
Skagen (The Skaw)	29.31	30	NW	3	b	29.48	+ .27	32	31	- 2	NW	3	b	3	34	29	-	
Fanø	29.54	30	NW	4	c	29.68	+ .39	32	31	- 2	WNW	4	b	*	36	30	-	
Cuxhaven	29.48	34	NW	3	b	29.75	+ .40	34	34	- 3	WNW	1	b	*	39	32	-	
†Sumburgh Head	29.69	28	N	4	8	29.79	+ .25	30	29	+ 2	N	3	8	3	31	24	0.03	
†Stornoway	29.87	30	N	3	b	29.94	+ .24	31	31	+ 4	WNW	4	8	3	32	23	0.09	
Wick	29.76	28	NW	2	bc	29.89	+ .23	29	29	+ 1	NW	1	8	1	31	21	0.13	
Nairn	29.84	27	NW	2	b	29.93	+ .28	26	26	- 1	SSW	1	b	2	32	23	-	
†Aberdeen...	29.78	27	NW	3	Sp	29.90	+ .30	27	26	0	NW	3	b	2	30	23	0.07	
Leith	29.83	32	NW	1	b	29.96	+ .34	25	24	- 7	W	1	m	*	36	23	-	
†Shields	29.76	33	N	4	b	29.93	+ .39	27	26	- 10	NW	2	b	4	37	23	0.03	
Spurn Head	29.70	38	NNE	4	c	29.87	+ .40	36	34	- 2	ENE	3	bc	5	39	35	0.04	
York	29.75	33	N	1	0	29.92	+ .37	25	25	- 7	N	1	b	*	36	23	-	
Loughborough	29.71	35	NNE	3	S	29.87	+ .37	32	31	0	NE	2	ogm	*	37	31	-	
†Ardrrossan	29.82	28	NE	1	b	29.98	+ .35	25	25	- 5	ENE	1	bf	1	31	23	-	
Malin Head	29.78	34	ENE	4	bc	30.00	+ .39	35	35	- 1	NE	3	b	3	39	33	-	
Mullaghmore	29.73	35	ENE	6	om	29.95	+ .37	34	32	- 1	NE	5	b	4	37	34	0.08	
Belmullet	29.70	36	E	6	c	29.94	+ .39	34	31	- 2	E	6	b	*	37	34	-	
Donaghadee	29.77	35	NE	5	b	29.95	+ .36	34	32	- 3	E	3	b	1	37	33	-	
Barrow-in-Furness	29.72	33	NE	2	b	29.91	+ .37	30	29	- 2	NE	2	bc	*	35	29	-	
Liverpool (Bidston)	29.72	35	ENE	2	0	29.89	+ .36	32	30	0	ENE	2	bf	3	36	32	0.03	
†Holyhead	29.66	38	ENE	4	om	29.87	+ .35	35	33	- 2	ENE	5	bm	3	39	30	-	
Parsonstown	29.65	35	ENE	1	n	29.86	+ .33	32	31	- 2	NE	1	b	*	38	31	0.05	
Valencia	29.45	45	E	4	cp	29.64	+ .22	42	40	0	NE	6	0	6	46	40	0.05	
Roche's Point	29.56	42	ESE	6	λ	29.69	+ .24	42	42	+ 2	ESE	6	p	5	44	39	0.50	
Pembroke	29.57	37	ENE	3	m	29.72	+ .25	39	37	+ 2	E	5	C	4	39	37	0.10	
†Seilly	29.47	51	WSW	3	of	29.56	+ .15	49	47	+ 2	E	7	0	7	53	46	0.02	
Prawle Point	29.55	43	ENE	4	C	29.67	+ .22	42	41	+ 2	ENE	5	0	5	44	39	0.19	
Hurst Castle	29.59	42	E	4	5λ	29.71	+ .24	41	40	+ 1	ENE	5	C	4	53	39	0.04	
†Dungeness	29.66	42	NNE	1	n	29.77	+ .41	41	40	- 3	ESE	5	0	4	44	41	0.03	
†London	29.65	39	ENE	3	0	29.79	+ .32	37	35	0	E	2	og	*	41	36	0.06	
Oxford	29.70	37	NE	3	λ	29.83	+ .33	35	34	- 1	NE	3	og	*	38	35	0.02	
Cambridge	29.69	38	NW	1	0	29.86	+ .37	35	33	+ 3	NE	1	0	*	38	31	0.02	
†Yarmouth	29.65	40	NE	4	0	29.84	+ .40	38	34	- 2	NE	4	bcv	4	42	35	0.01	
The Helder	29.69	39	NW	2	c	29.84	+ .48	37	34	- 3	NNE	1	bc	1	41	36	-	
Cape Gris Nez																		
†Jersey	29.64	50	W	3	b	29.60	+ .18	46	46	- 2	ENE	4	m	3	50	45	0.10	
†Brest	29.61	53	WSW	4	m	29.54	+ .09	50	50	- 1	SE	3	0	5	54	48	0.04	
Lorient	29.61	53	W	4	m	29.57	+ .05	48	47	- 4	E	3	0	5	55	43	0.24	
†Rochefort	29.76	55	N	8	λ	29.68	- .01	54	54	- 2	S	5	λ	2	?	50	0.55	
Biarritz	29.78	59	SSE	3	0	29.63	- .16	59	50	- 1	S	5	bc	3	61	55	0.12	
Corunna	*	*	*	*	*													
Brussels	*	*	*	*	*	29.80	+ .47	32	?	- 6	E	3	0	*	41	?	0.04	
Charleville	29.41	39	SSW	4	0	29.75	+ .50	38	37	- 7	SSW	5	0	*	47	28	0.12	
Paris	29.71	44	WNW	4	λ	29.68	+ .28	43	41	- 9	NW	4	λ	*	*	*	0.39	
Lyons	29.76	51	SSW	3	0	29.69	+ .06	49	48	+ 1	S	1	0	*	52	48	0.12	
Touton	29.79	52	NW	7	m	29.77	- .07	52	50	+ 2	W	0	e	3	55	50	-	

## 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).





for 8 a.m. on Monday, 7<sup>th</sup> December.

(Explanation of Map)

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

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

Sea Insturbance— where considerable is shown thus  
 = Rough  = High

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

7<sup>th</sup> December. 1885

The map shows the following features:

- Isobars:** Labeled with values such as 29.0, 29.1, 29.2, 29.3, 29.4, 29.5, 29.6, 29.7, 29.8, 29.9, and 30.0.
- Fronts:** Indicated by lines with symbols: a line with triangles for a cold front, a line with semicircles for a warm front, and a dashed line for a stationary front.
- Weather Systems:**
  - A low-pressure system off the Atlantic coast with a "FALLING" barometer and a "LITTLE" cloud area.
  - A high-pressure system over the Pacific Northwest.
  - A low-pressure system over the Gulf of Mexico.
- Other Labels:** "U.S. DEPT. OF AGRICULTURE" and "BUREAU OF WEATHER" are visible on the right side.

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

Weather is shown by Letters of the Beaufort Scale.

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

## for the month of December

[illegible]

NOTE - The Temperature means are for the 40 years 1871-80, the Rainfall means are mainly those for the 15 years 1866-80.



for Monday 7<sup>th</sup> December 1885, at 8 a.m.

The low pressure system over the Bay of Biscay may possibly become more decided, and a freshening of the E<sup>3</sup> wind is probable on our southern coast.

for the 24 hours ending at NOON on 8<sup>th</sup> December. 1885.  
(Issued at 11 a.m. on the previous day.)

*Frederick Douglass Field, Ltd., London, 1934.*



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.41	17	27	NNW	6	S	4	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rochefort	29.75	56	56	W	8
Belmullet							*						4

REMARKS.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS

AND THEIR NEIGHBOURHOOD

FROM THE 29<sup>TH</sup> NOVEMBER TO THE 5<sup>TH</sup> DECEMBER 1885

The dominant systems of pressure-distribution over our Islands during this week have again been cyclonic, and the types mainly westerly and southwesterly. Gradients were sometimes steep, and some of the readings reported were very low.

On the morning of Sunday (29<sup>th</sup>) a well-marked, but not large, depression arrived suddenly off the west of Ireland from the Atlantic, and passing rapidly to the northeastwards, reached Norway, within the Arctic Circle, by the following morning. The barometer rose fast in its rear and for two days quiet weather prevailed in most places and an anticyclone appeared over the Bay of Biscay. This at once moved eastwards to France, and as it did so large cyclonic systems reappeared in the northwest, and moved northeastwards to Scandinavia.

Four depressions have appeared during the week.

The first (already referred to above) was of very moderate size and depth, but moved with great rapidity and soon disappeared from our area.

The second arrived off our northwest coasts on the 2<sup>nd</sup>. It was large, but not very deep, and, moving northeastwards, disappeared from our area during the day.

The third reached the northwest of Ireland on the afternoon of the 3<sup>rd</sup> and proved to be both large and deep. Its central area (in which the barometer fell below 28.6 ins) lay over the Moray Firth and north of Scotland at 8 am on the 4<sup>th</sup>, and the gradients for W. & W. winds were very steep over the northern parts of our Islands. The system after showing some tendency to pass southwards to the North Sea, then moved steadily away to the northeastwards.

The fourth reached the south of Ireland on the 5<sup>th</sup>, but moving eastwards and southeastwards arrived over the northeast of France early on the 6<sup>th</sup> and apparently dispersed.

Thus (except on the 30<sup>th</sup> and 1<sup>st</sup>) the weather has remained in a rough unsettled condition. S.W. gales have been of frequent occurrence in the east and north, and strong S.W. winds elsewhere, with much rain. The rain which fell with the depression of 5<sup>th</sup> was heavy at the S. stations.



# DAILY WEATHER REPORT

for *Tuesday* — 8<sup>th</sup> December 1885.

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

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).		Weather.	Max.		Min.	
Haparanda	29.35	3	N	6	b	29.48	+ .42	-10	-10	-29	N	2	0	*	25	?	-	
Hernösand	29.56	14	N	4	b	29.60	+ .50	1	1	-25	2	0	6	*	27	?	-	
Stockholm	29.60	22	NW	2	b	29.76	+ .70	14	13	-14	N	2	6	*	30	?	-	
Wisby	29.44	30	NW	8	0	29.77	+ .75	27	27	-5	NW	4	6	*	41	25	0.08	
Bodo	29.45	15	E	4	bc	29.35	- .04	19	18	-4	NE	4	8	2	23	14	-	
Christiansund	29.60	27	WSW	4	s	29.59	+ .05	26	23	-3	WNW	8	0	6	?	21	0.28	
Skudesnaes	29.84	28	2	0	s	29.76	+ .11	27	27	-1	NW	8	8	5	?	?	-	
Oxö (Xtiansund)	29.81	25	NW	4	b	29.74	+ .18	29	27	-1	WSW	4	bc	2	32	23	-	
Skagen (The Skaw)	29.78	32	N	2	b	29.76	+ .31	27	27	-5	N	1	6	0	?	?	-	
Fanö	29.88	29	NW	2	b	29.89	+ .21	31	30	-1	WSW	2	6	*	34	27	-	
Cuxhaven														*				
Sumburgh Head	29.89	29	N	2	b	30.04	+ .25	22	21	-8	N	6	8	5	30	20	0.04	
Stornoway	30.04	27	N	3	b	30.26	+ .32	28	28	-3	N	4	8	3	33	23	0.17	
Wick	30.01	22	NW	1	s	30.16	+ .27	26	26	-3	NW	3	8	2	31	26	0.18	
Nairn	30.00	28	SEW	1	b	30.23	+ .30	28	28	+2	NW	3	bc	3	30	24	0.02	
Aberdeen	29.98	28	N	3	b	30.15	+ .25	29	27	+2	NW	5	8	3	30	24	0.02	
Leith	30.02	30	NW	1	m	30.23	+ .27	27	27	+2	NW	1	6	*	33	24	-	
Shields	30.03	28	NW	1	b	30.14	+ .21	26	26	-1	NW	2	6	4	32	23	-	
Spurn Head	29.97	36	NW	4	bc	30.05	+ .18	31	30	-5	NW	4	bc	5	39	29	-	
York	30.02	27	N	1	b	30.13	+ .21	25	25	0	N	1	6	*	34	20	-	
Loughborough	30.01	31	NW	1	b	30.12	+ .25	22	22	-10	NW	1	6	*	35	21	-	
Androssan	30.06	35	2	0	b	30.24	+ .26	27	26	+2	N	1	6	1	35	22	-	
Malin Head	30.01	38	NW	3	e	30.29	+ .29	37	34	+2	N	4	bc	3	39	35	0.03	
Mullaghmore	30.11	35	ENE	2	b	30.28	+ .33	36	35	+2	NE	4	6	2	38	33	-	
Belmullet	30.12	32	E	2	b	30.31	+ .37	39	35	+5	N	5	c	9	39	30	0.07	
Donaghadee	30.09	37	NE	3	b	30.23	+ .28	37	34	+3	NE	4	6	2	38	30	-	
Barrow-in-Furness	30.03	30	NE	2	b	30.16	+ .25	27	26	-3	NE	1	6	*	36	25	-	
Liverpool (Bidston)	30.03	32	ENE	1	b	30.16	+ .27	27	26	-5	NE	1	6	2	34	27	-	
Holyhead	30.03	36	ENE	4	bc	30.17	+ .30	37	35	+2	NE	4	cph	2	41	36	0.11	
Parsonstown	30.06	30	NE	1	b	30.29	+ .43	22	21	-10	2	0	*	*	36	20	-	
Valencia	29.92	37	NE	7	og	30.27	+ .63	35	35	-7	NE	2	e	3	43	31	0.08	
Roche's Point	29.90	39	ENE	5	0	30.19	+ .50	33	31	+1	ENE	3	6	4	43	31	0.15	
Pembroke	29.90	36	ENE	6	m	30.12	+ .40	33	31	-6	ENE	2	bc	2	39	31	-	
Scilly	29.65	48	E	8	0	29.99	+ .43	41	38	-8	ENE	8	bc	6	49	38	-	
Prawle Point	29.79	43	ENE	7	0	29.99	+ .32	35	32	-7	NE	6	bc	6	45	34	-	
Hurst Castle	29.87	41	E	6	b	30.02	+ .31	34	32	-7	NE	5	6	3	43	32	-	
Dungeness	29.88	40	ESE	5	bc	29.97	+ .20	39	38	-2	NE	5	e	4	44	38	-	
London	29.93	38	NE	3	e	30.04	+ .25	30	26	-7	ENE	3	6	*	40	30	-	
Oxford	30.01	32	E	4	b	30.11	+ .28	26	24	-9	NE	3	6	*	38	26	-	
Cambridge	29.97	31	NE	1	b	30.09	+ .23	24	24	-11	N	1	6	*	39	23	-	
Yarmouth	29.96	38	NE	3	bc	30.04	+ .20	35	34	-3	ENE	3	e	4	40	32	0.03	
The Helder	29.97	32	ENE	1	b	29.99	+ .15	36	33	-3	ENE	1	bc	1	39	30	-	
Cape Gris Nez	29.82	36	E	7	bc	29.93	+ .33	33	33	-3	E	5	6	4	41	32	-	
Jersey	29.60	44	E	6	om	29.85	+ .25	41	37	-5	ENE	6	om	5	46	40	-	
Brest	29.59	48	ENE	4	0	29.73	+ .19	41	38	-9	ENE	9	0	7	52	39	0.04	
Lorient	29.58	49	E	7	1	29.71	+ .14	39	39	-9	ENE	9	1	7	55	34	0.71	
Rochefort	29.62	55	SE	5	0	29.65	- .03	51	50	-3	SSW	5	1	8	?	?	0.24	
Biarritz	29.63	60	NW	5	b	29.63	- .02	59	52	0	8	7	6	5	63	55	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.93	+ .13	29	28	-3	ENE	3	e	*	38	28	-	
Charleville	29.92	35	ENE	7	b	29.86	+ .11	33	30	-5	ENE	7	0	*	40	25	0.02	
Paris	29.79	37	N	4	1	29.78	+ .10	33	32	-10	ENE	7	8	*	*	*	0.23	
Lyons	29.69	52	NW	1	b	29.73	+ .04	46	45	-3	8	1	m	*	60	46	-	
Toulon	29.76	52	S	1	m	29.84	+ .07	51	50	-1	E	3	m	1	55	48	-	

## EXPLANATION OF COLUMNS

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

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

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

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

Printed by D. B. DODD, 116, Victoria Street, London.



# WEATHER

for 8 a.m. on Tuesday,

# CHARTS

8<sup>th</sup> December

1885.

## 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 4 to 4;  
○ = dead calm.

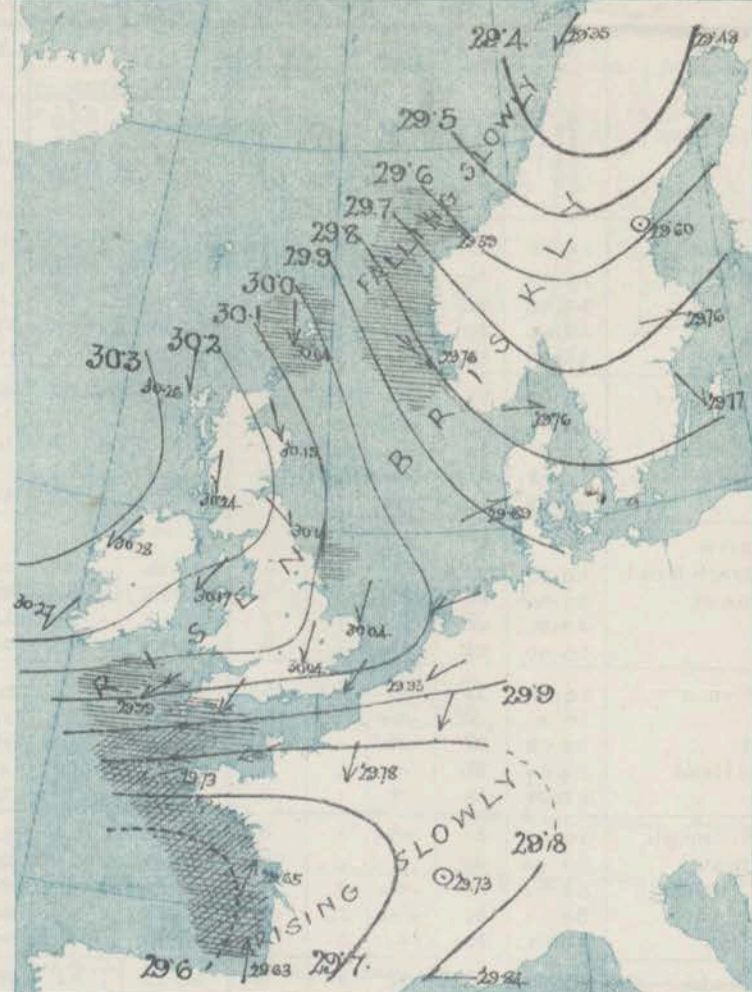
**Sea Disturbance**—where considerable is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS in.
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
Holyhead	29.858
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





for Tuesday 8<sup>th</sup> December. 1885. at 8 a.m.

The low pressure area over the Bay of Biscay will probably occasion a continuance of strong E<sup>7</sup> winds on our southern coast.

for the 24 hours ending at NOON on 9<sup>th</sup> December. 1885.  
(Issued at 11 a.m. on the previous day.)

*Fredrik Dannergeld, Little, London, 131.*



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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.75	30	28	nr	4	c	H	Holyhead	29.96	37	35	NE	4	bcw	2
Sumburgh Head	29.83	26	25	H	3	b	3	Valencia	29.81	38	37	NE	4	rmg	6
Stornoway	29.99	30	30	HW	3	bc	2	Scilly	29.58	48	46	E	9	om	7
Aberdeen	29.95	28	27	WNW	3	bc	2	Dungeness	29.83	42	40	ESE	6	bc	5
Shields	29.99	32	30	W	2	b	4	London	29.86	40	37	E	3	cm	*
Ardrossan	30.03	34	34	W	0	b	0	Yarmouth	29.92	39	35	NE	3	b	4
Malin Head	30.06	37	35	NNE	2	c	2	Jersey	29.65	43	43	E	5	0	4
Mullaghmore	30.04	35	32	E	4	b	2	Rochefort	29.69	55	54	SE	4	0	2
Belmullet	30.05	37	32	E	5	b	*								

## REMARKS.

The barometer continues to rise generally, but at Scilly the change is very slight. The wind has increased to a strong gale from E. at Scilly, and to a moderate gale from NE. at Valencia, but elsewhere there is little change. Fine, cold weather prevails at all our more northern and eastern stations, but rain is falling at Valencia. The sea is high at Scilly, rough at Valencia, and Dungeness, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Wednesday 9<sup>th</sup> December 1885.

Issued by the Meteorological Office, 16, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 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.			
			Dir.	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.	Dir.	Force (0 to 12).			Max.	Min.				
Haparanda	29.50	-13	Z	0	b	29.41	-01	-1	-19	-9	Z	2	b	*	4	-24	-			
Hernösand	29.52	5	Z	0	b	29.53	-07	2	2	+1	Z	0	b	*	16	0	-			
Stockholm	29.47	17	W	2	s	29.49	-27	15	14	+1	NNW	2	b	*	25	10	0.16			
Wisby	29.61	43	NNW	6	c	29.46	-31	26	26	-1	NW	6	s	*	?	25	0.12			
Bodö	29.45	23	W	4	s	29.27	-08	25	24	+6	W	2	c	1	25	15	-			
Christiansund	29.65	28	NW	8	s	29.76	+17	27	23	+1	NNW	4	c	6	25	21	0.35			
Skudesnaes	29.84	28	NNW	8	s	29.88	+12	25	25	-2	NNW	4	s	4	?	?	-			
Oxö (Stiansund)	29.71	27	NW	6	b	29.78	+04	27	24	-2	NW	6	b	2	30	25	-			
Skagen (The Skaw)	29.66	30	NNE	3	b	29.74	-02	30	29	0	NE	2	b	2	32	27	0.04			
Fanö	29.81	27	NW	4	b	29.90	+01	29	28	-2	NW	4	b	*	36	23	0.04			
Cuxhaven	29.85	31	SW	5	s	30.00		32	32		WNW	4	b	*	32	31	-			
Sumburgh Head	30.09	25	N	5	s	30.09	+05	27	27	+5	N	4	s	5	27	20	0.10			
Stornoway	30.35	31	N	3	b	30.23	-02	33	33	+5	NE	2	s	2	33	26	0.40			
Wick	30.23	26	NNW	3	s	30.23	+07	30	30	+4	NNW	1	os	1	31	24	0.18			
Nairn	30.30	27	NW	3	b	30.25	+02	31	31	+3	Z	0	s	2	31	26	0.01			
Aberdeen	30.24	26	NNW	5	c	30.24	+09	32	31	+3	NW	3	o	3	32	25	0.07			
Leith	30.24	31	NW	1	b	30.26	+03	33	33	+6	W	1	f	*	34	26	0.01			
Shields	30.25	28	NW	5	s	30.30	+16	30	29	+4	W	2	o	4	32	24	0.01			
Spurn Head	30.14	30	NW	5	b	30.28	+23	31	30	0	WNW	5	b	5	34	27	0.06			
York	30.25	30	N	3	b	30.35	+22	26	26	+1	NNW	1	b	*	32	24	-			
Loughborough	30.26	29	N	2	b	30.40	+28	26	24	+4	WNW	2	b	*	34	22	-			
Ardrossan	30.35	32	NW	3	b	30.31	+07	40	40	+13	WNW	4	cp	3	40	26	0.04			
Malin Head	30.43	26	N	4	b	30.36	+07	42	41	+5	NW	5	chp	4	43	35	-			
Mullaghmore	30.43	37	NNE	5	b	30.49	+21	40	36	+4	WNW	4	c	2	40	36	-			
Belmullet	30.47	35	N	2	cp	30.54	+23	38	36	-1	W	3	c	0	41	34	0.05			
Donaghadee	30.39	36	NE	5	b	30.42	+19	30	29	-7	WNW	3	b	1	38	29	-			
Barrow-in-Furness	30.30	30	NE	1	b	30.36	+20	35	35	+8	NW	2	b	*	35	26	-			
Liverpool (Bilston)	30.32	30	NNE	2	b	30.40	+24	35	33	+8	WNW	3	c	3	36	27	-			
Holyhead	30.33	37	NNE	5	b	30.45	+28	38	35	+1	WNW	4	b	3	40	31	-			
Parsonstown	30.45	31	NW	1	c	30.56	+27	22	22	0	Z	0	b	*	36	22	-			
Valencia	30.46	34	NNE	2	b	30.57	+30	33	31	-2	NE	1	b	1	41	29	-			
Roche's Point	30.39	33	NNE	5	b	30.52	+33	31	30	-2	NNE	2	b	4	40	30	-			
Pembroke	30.33	33	NNE	2	b	30.48	+36	35	33	+2	N	1	b	0	37	31	-			
Seilly	30.15	42	NE	6	c	30.45	+46	37	32	-4	ENE	5	b	4	40	32	-			
Prawle Point	30.24	31	NNE	3	b	30.47	+48	27	25	-8	NNE	3	c	3	37	25	-			
Hurst Castle	30.18	32	NNE	3	m	30.43	+41	25	24	-9	N	2	b	2	40	24	-			
Dungeness	30.10	33	NNE	4	b	30.35	+38	27	26	-12	N	2	c	1	39	25	-			
London	30.17	32	N	5	b	30.39	+35	26	26	-4	NW	1	b	*	35	26	-			
Oxford	30.29	29	NE	3	b	30.43	+32	26	25	0	NW	2	b	*	34	25	-			
Cambridge	30.21	29	N	2	b	30.37	+28	25	24	+1	NW	1	b	*	32	22	-			
Yarmouth	30.11	33	NNW	5	sq	30.28	+24	28	27	-7	NW	4	cm	5	37	27	0.40			
The Helder	30.00	36	NNW	5	s	30.14	+15	37	33	+3	NW	5	c	3	39	32	0.08			
Cape Gris Nez																				
Jersey	30.12	38	NE	5	b	30.29	+54	35	32	-6	NE	4	b	3	42	34	-			
Brest	30.14	37	ENE	4	o	30.38	+65	37	35	-4	ENE	3	b	3	52	36	-			
Lorient	30.08	42	ENE	7	c	30.24	+63	37	35	-2	ENE	7	b	4	50	34	0.08			
Rochefort	29.99	41	NNE	8	o	30.26	+61	34	32	-17	NE	8	b	3	55	28	0.08			
Biarritz	29.90	65	NE	3	b	30.06	+43	17	46	-12	NNE	5	r	3	63	45	-			
Coranna	*	*	*	*	*															
Brussels	*	*	*	*	*	30.27	+34	30	29	+1	WSW	1	b	*	34	29	0.04			
Charleville	30.04	32	NNE	5	b	30.30	+44	27	26	-6	NNE	4	c	*	35	27	-			
Paris	30.07	33	N	4	b	30.26	+38	33	30	0	N	4	b	*	*	*	0.08			
Lyons	29.82	50	NW	1	b	30.19	+46	31	29	-15	NNW	9	o	*	57	31	-			
Toulon	29.85	52	NNE	1	m	29.90	+06	51	48	0	NW	4	b	2	57	50	-			

## 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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Printed by D. B. Dyer, Ltd., London.



# WEATHER CHARTS

FOR 8 a.m. ON WEDNESDAY, 9<sup>TH</sup> December. 1885.

## 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.

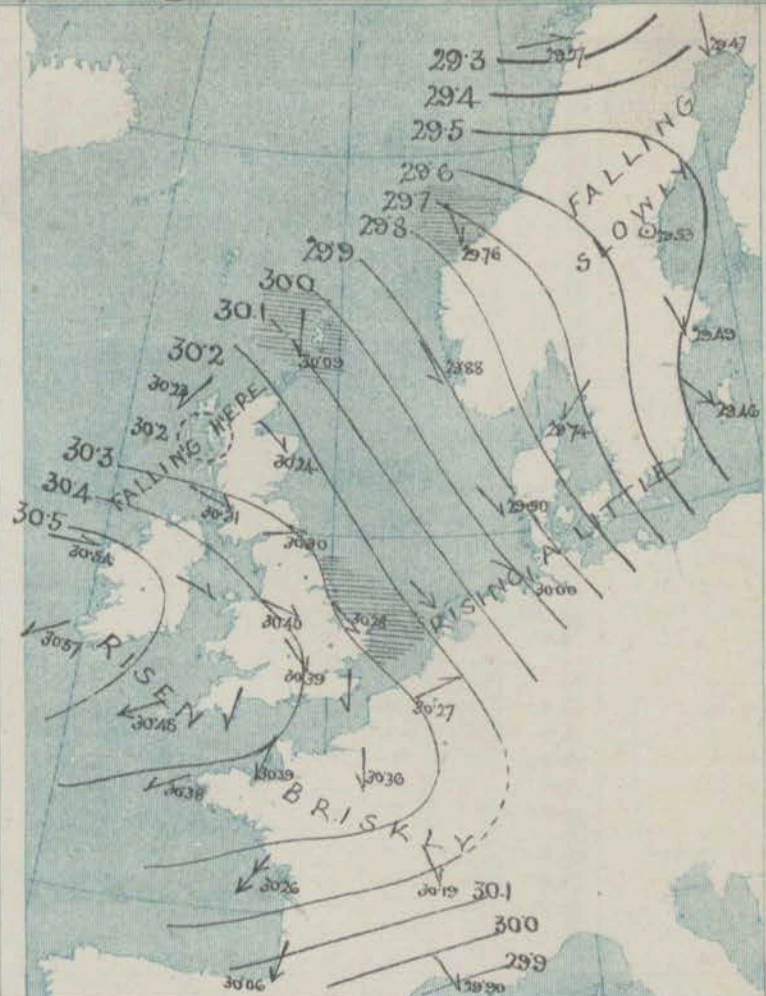
**Sea Disturbance**—where considerable is shown thus

— = 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
Holyhead	29.858
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.

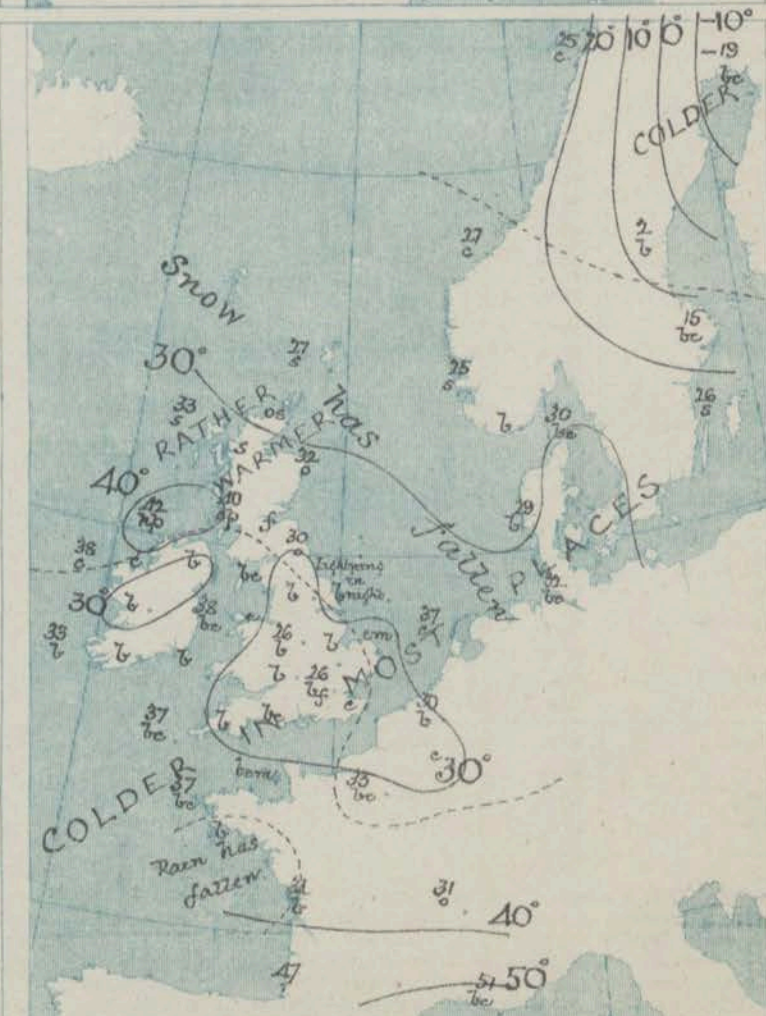
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m. Dry	Wet	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.5	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.06
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.90

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 9<sup>th</sup> December 1885, at 8 a.m.

The anticyclone which lay off our west coasts yesterday has since extended in a southeasterly direction, its central area being now found over the south of Ireland. The barometer has therefore risen briskly at all our more southern as well as at the French stations, but in the extreme northwest of our Islands a fall has set in during the night. Moderate W. or NW breezes prevail on our northwest, north and east coasts, but at our southern and the French stations the wind remains NE<sup>ly</sup>, and in the west of France it blows strongly. Snow is still falling in the north of Scotland, and hail showers are reported at Malin Head, but elsewhere the weather is generally fine. Snow was experienced yesterday at most of our northern and eastern stations. Lightning was seen at Larnach Head last night. Temperature has risen a few degrees in the north but fallen in the south; readings now range from 42° at Malin Head to 25° at Hurst Castle and Cambridge and 22° at Portsmouth. The maxima registered yesterday were as low as 32° at several of our northern and eastern stations; at Wick and Harve the thermometer did not exceed 31°. Sharp frost occurred at night in nearly all parts of the Kingdom; at Lifford the thermometer on the grass fell to 20°. The sea is rather rough off the east of England as well as at Humberhead, moderate to smooth elsewhere.

The fall of the barometer in the northwest seems likely to extend eastwards and southwards, but at present there is no sign of any definite depression.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports, that.

- (1) On the 4<sup>th</sup> inst. at 8 am in Lat. 44° N. Long. 56° W the barometer fell to 29.6 ins. during a "whole gale" in which the wind shifted from SE to NE. and that at 4 pm on the same day in Lat. 44° N. Long. 53° W the barometer fell to 29.1 ins. during a "fresh gale" from NW.
- (2) That on the 5<sup>th</sup> inst. at 11 pm in Lat. 42° N. Long. 65° W - - - - - 29.3 - - - - - "whole gale" in which wind shifted from S to W.  
 that on the 6<sup>th</sup> - - - 2 pm - - - 43° N. - - 63° W - - - - - 29.5 - - - - - "strong gale" from SW.  
 and that on the 6<sup>th</sup> - - - 4 pm - - - 42° N. - - 62° W - - - - - 29.4 - - - - - "strong gale" in which wind shifted from SE to SW.
- (3) That on the 7<sup>th</sup> - - - 7 pm - - - 41° N. - - 69° W - - - - - 29.5 - - - - - "fresh gale" from W.

These observations relate to three distinct depressions which appeared to be moving somewhat slowly to the eastwards or north-eastwards.

# FORECASTS

for the 24 hours ending at NOON on 10<sup>th</sup> December 1885.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	NW <sup>ly</sup> to W <sup>ly</sup> winds, freshening, unsettled, some snow.	6 { SCOTLAND WEST	NW <sup>ly</sup> to W <sup>ly</sup> winds, freshening, fair to cloudy and unsettled.
1 { SCOTLAND EAST	----- D° ----- D° -----	7 { ENGLAND N. W.	----- D° ----- D° -----
2 { ENGLAND N. E.	NW <sup>ly</sup> winds, moderate; fair generally, but perhaps some snow showers.	8 { ENGLAND S. W.	NE <sup>ly</sup> to N <sup>ly</sup> or NW <sup>ly</sup> winds, moderate, fair generally.
2 { ENGLAND EAST	----- D° ----- D° -----	9 { IRELAND NORTH	W <sup>ly</sup> winds, freshening considerably, unsettled some rain or sleet.
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	N <sup>ly</sup> to NW <sup>ly</sup> winds, moderate, fair generally.
5 { ENGLAND SOUTH	NW <sup>ly</sup> winds light or moderate; fine generally. Turning milder.	WARNINGS	None issued.



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

TUESDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.84	23	23	SW	6	S	4	Holyhead	30.27	37	34	NNE	4	b	3
Sumburgh Head	30.09	23	23	N	6	S	5	Valencia	30.37	41	37	NE	4	bc	4
Stornoway	30.35	30	30	N	4	chf	3	Scilly	30.12	43	37	ENE	6	bc	6
Aberdeen	30.24	28	27	NNW	5	sp	4	Dungeness	30.01	29	39	NE	5	c	4
Shields	30.18	29	30	NW	4	c	4	London	30.10	34	33	N	3	bm	*
Ardrossan	30.30	34	34	NW	3	b	2	Yarmouth	30.05	36	35	NNW	3	c	+
Malin Head	30.37	36	34	N	4	c	3	Jersey	29.99	41	38	NE	8	bc	5
Mullaghmore	30.38	38	35	NE	4	bc	2	Rocheport	29.76	54	51	N	5	c	2
Belmullet	30.42	40	36	NE	4	c	*								

## REMARKS.

The barometer continues to rise generally, with moderate to strong N<sup>th</sup> breezes in the north and east, but NE<sup>ly</sup> breeze in the west and south. Snow is falling at Sumburgh H<sup>d</sup> and Aberdeen, and hail showers at Stornoway, but elsewhere the weather is fine. The sea is rough at Scilly, rather rough at Sumburgh Head, moderate or slight elsewhere.



# DAILY WEATHER REPORT

for *Thursday* 10<sup>th</sup> December 1885.

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	29.53	-19	N	4	S	29.67	+ .40	8	8	+ .27	N	2	0	•	•	-20	0.08		
Hernösand	29.49	6	2	0	b	29.94	+ .41	7	13	+ .5	N	4	0	0	•	0	0.04		
Stockholm	29.63	13	NW	2	b	29.70	+ .21	13	13	- .2	2	0	0	•	•	9	-		
Wisby	29.58	25	NW	6	b	29.64	+ .18	27	27	+ .1	WNW	4	0	•	39	21	0.04		
Bodö	29.59	24	E	2	b	29.91	+ .64	12	10	- .13	ESE	4	0	2	25	12	-		
Christiansund	29.73	34	N	8	S	30.05	+ .29	34	33	+ .7	NE	6	0	5	34	21	0.12		
† Skudesnaes	29.99	23	NNE	4	bc	30.08	+ .20	28	27	+ .3	N	4	0	3	•	•	-		
(Oxö (Xtiansund)	29.89	24	NW	4	b	29.95	+ .17	30	26	+ .3	NW	4	0	1	30	23	-		
Skagen (The Skaw)	29.84	28	NNE	2	b	29.82	+ .08	32	30	+ .2	NNE	6	0	6	32	25	-		
Faßö	29.87	22	N	2	b	29.95	+ .05	30	28	+ .1	N	4	•	•	32	18	-		
Cuxhaven	29.92	32	N	2	S	30.02	+ .02	30	30	- .2	N	2	0	•	32	28	-		
† Sumburgh Head	30.19	26	N	4	b	30.35	+ .26	32	30	+ .5	N	2	0	3	34	23	0.04		
† Stornoway	30.35	33	N	1	c	30.51	+ .28	29	29	- .4	N	1	0	1	34	23	0.08		
Wick	30.25	28	NW	4	S	30.45	+ .22	28	27	- .2	NW	1	0	1	30	20	0.05		
Nairn	30.29	31	NW	4	0	30.49	+ .24	23	23	- .8	2	0	0	2	33	19	0.04		
† Aberdeen	30.22	30	NW	4	bcp	30.42	+ .18	26	25	- .6	NW	4	0	3	33	25	0.09		
Leith	30.27	33	NNE	1	b	30.47	+ .21	26	26	- .7	NW	1	0	•	36	25	-		
† Shields	30.17	34	NW	2	c	30.41	+ .11	30	29	0	NW	3	0	5	34	26	0.08		
Spurn Head	30.10	37	WNW	4	0	30.31	+ .03	35	34	+ .4	NE	6	0	6	37	30	0.18		
York	30.16	33	N	1	S	30.40	+ .05	25	25	- .1	N	1	•	•	37	24	0.28		
Loughborough	30.18	36	NW	4	c	30.33	- .07	27	26	+ .1	NW	3	0	•	37	26	0.03		
† Ardrossan	30.31	34	N	3	b	30.50	+ .19	27	26	- .13	2	0	0	44	26	-			
Malin Head	30.41	42	NW	6	bc	30.50	+ .01	39	37	- .1	NE	5	0	4	45	38	0.03		
† Mullaghmore	30.41	42	NW	6	bc	30.50	+ .01	39	37	- .1	NE	5	0	4	45	38	0.03		
Belmullet	30.45	44	N	3	0	30.52	- .02	40	38	+ .2	NE	5	0	•	44	34	0.06		
Donaghadee	30.31	41	N	6	c	30.50	+ .08	34	30	+ .4	E	3	0	1	41	29	0.11		
Barrow-in-Furness	30.15	41	NW	3	h	30.42	+ .06	29	28	- .6	N	2	0	•	41	27	0.10		
Liverpool (Bidston)	30.15	41	W	6	0	30.44	+ .04	28	26	- .7	N	2	0	2	41	28	0.08		
† Holyhead	30.27	42	N	6	cq	30.47	+ .02	36	33	- .2	NE	4	0	2	43	30	-		
Parsonstown	30.44	36	NW	1	0	30.49	- .07	34	33	+ .12	NW	1	0	•	39	22	-		
† Valencia	30.51	38	ESE	1	c	30.52	- .05	32	32	- .1	N	1	0	1	45	30	0.02		
Roche's Point	30.46	36	NW	2	b	30.46	- .06	35	34	+ .4	NW	3	0	3	42	30	-		
Pembroke	30.36	41	NW	3	b	30.45	- .03	36	32	+ .1	NE	3	0	1	43	33	-		
† Scilly	30.43	42	NNE	3	bc	30.40	- .05	40	35	+ .3	ESE	4	0	4	42	36	0.06		
Prawle Point	30.40	32	NW	2	b	30.38	- .09	29	27	+ .2	NNE	3	0	3	42	26	-		
Hurst Castle	30.33	35	NW	2	b	30.35	- .08	30	29	- .5	NNE	4	0	2	44	24	-		
† Dungeness	30.28	31	N	3	bc	30.25	- .10	28	27	+ .1	N	3	0	2	38	26	0.05		
† London	30.25	34	NW	2	bc	30.32	- .07	27	27	+ .3	N	3	0	•	36	26	-		
Oxford	30.20	35	WSW	4	c	30.37	- .06	27	27	+ .1	NW	2	0	•	36	26	0.03		
Cambridge	30.17	34	NW	2	0	30.34	- .03	26	26	+ .1	N	1	0	•	32	24	?		
† Yarmouth	30.10	33	W	2	cfs	30.24	- .04	35	32	+ .7	NNE	5	0	5	35	27	0.26		
The Helder	29.99	35	NW	3	S	30.13	- .01	34	31	- .3	N	3	0	3	39	32	0.16		
Cape Gris Nez	30.19	35	NW	7	bc	30.15	- .04	34	32	- .2	N	7	0	7	39	30	-		
† Jersey	30.37	34	NE	2	bm	30.28	- .11	35	33	0	NNE	5	0	4	43	34	-		
Brest	30.39	34	ESE	3	b	30.29	- .09	40	38	+ .3	NE	5	0	3	41	32	-		
Lorient	?	36	ESE	5	b	30.25	- .09	39	38	+ .2	N	7	0	3	46	30	-		
† Rochefort	30.28	35	NE	8	b	30.27	+ .01	33	31	- .1	NS	3	0	1	41	27	-		
Biarritz	30.18	41	NE	4	0	30.21	+ .15	30	28	- .17	E	4	0	2	48	36	-		
Coranna	*	*	*	*	*	30.08	+ .08	52	49	- .3	ESE	7	0	5	63	48	0.04		
Brussels	*	*	*	*	*	30.12	- .15	27	26	- .3	NW	1	0	•	34	27	?		
Charleville	30.01	33	E	3	S	29.97	- .33	31	30	+ .4	ESE	5	0	•	43	27	0.16		
Paris	30.32	34	NE	4	bc	30.12	- .24	32	31	- .1	NW	5	0	•	•	•	-		
Lyons	30.19	31	NW	4	c	30.15	- .04	25	23	- .6	W	5	0	•	34	24	-		
Toulon	29.87	51	NW	5	c	29.83	- .07	34	?	- .17	NW	8	0	•	•	•	?		

## EXPLANATION OF COLUMNS

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

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

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

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

Printed by D. B. DODD, 116, Victoria Street, London.



# WEATHER CHARTS

for 8 a.m. on Thursday, 10<sup>th</sup> December, 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

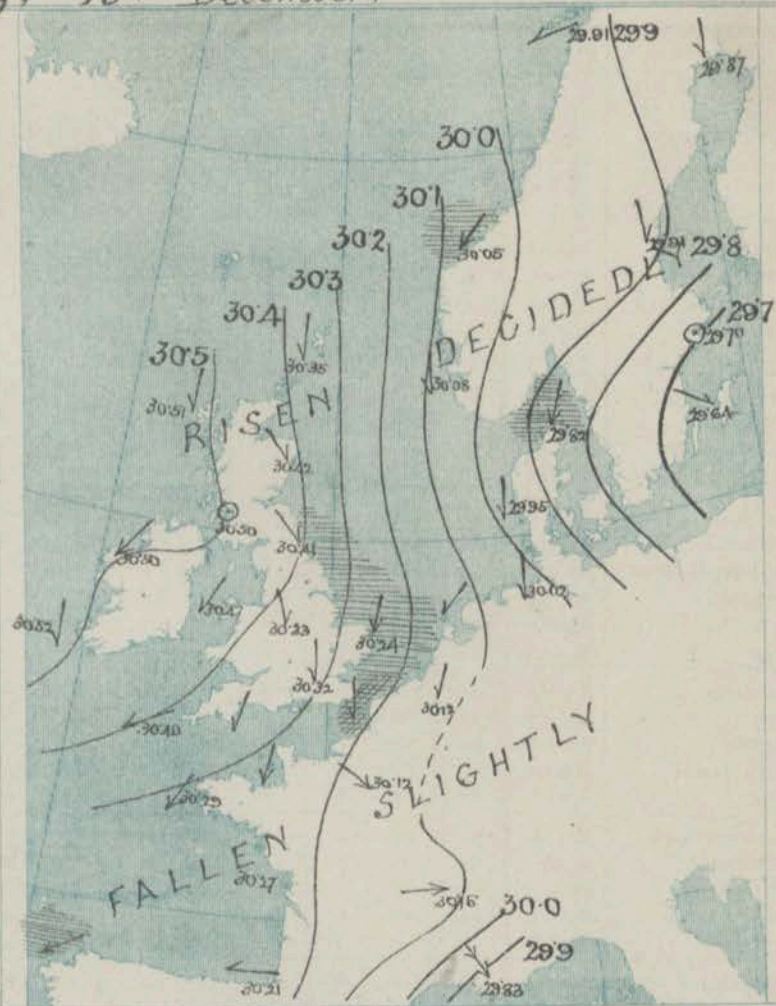
**Sea Disturbance** — where considerable is shown thus

▨ = Rough, ▨ = High

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of 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
Holyhead	29.858
Liverpool	29.882
Valencia	29.879
Roche's Point	29.889
Pembroke	29.897
Scilly	29.943
Harst 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.

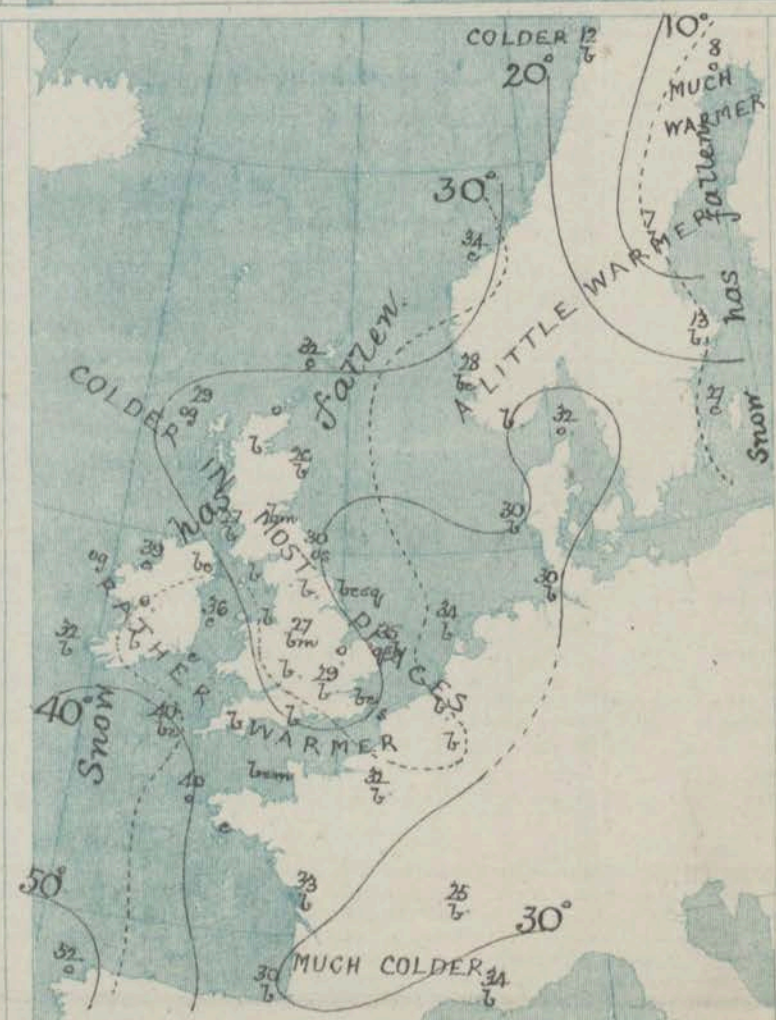
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	A.T. & W.	Wet	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.9	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.6	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.0	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Harst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.99

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





# REMARKS.

For Thursday 10<sup>th</sup> December. 1885. at 8 a.m.

In the course of the past twenty four hours the barometer has risen at all our more northern, as well as at the Scandinavian and Danish stations, and the anticyclone noticed yesterday morning over Ireland has extended northwards over the west of Scotland. At our southern and the French stations, however, the barometer has fallen somewhat. Light N<sup>w</sup> or N W<sup>w</sup> breezes prevail on our northern coast as well as in the south of Ireland, but elsewhere the wind is moderate or fresh from N. or NE. At Toulon, a "mistral" is blowing with a temperature of 34°. The weather is fine at most stations, but snow showers are falling on the east coast of England. Snow fell yesterday in many parts of Great Britain - heavily at some of the eastern and south-eastern stations. Temperature has risen a little on our western and southern coasts as well as in Scandinavia, but fallen elsewhere; readings now range from 40° at Belmullet and Lally to 23° at Kairn. The lowest maxima registered yesterday was 30° at Wick and 32° at Cambridge. Sharp frost again occurred at night in nearly all parts of the Kingdom, the lowest readings being 19° at Kairn and 20° at Wick. The sea is rough off the east of England, moderate to smooth elsewhere.

There is no sign of any important change in the weather. Snow showers are still probable over our eastern and south-eastern coasts.

# FORECASTS

For the 24 hours ending at NOON on 11<sup>th</sup> December 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	NW <sup>2y</sup> and N <sup>2y</sup> winds, light or moderate; fair generally, but some snow showers.	6 SCOTLAND WEST	N <sup>2y</sup> winds, light or moderate; fair generally.
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.	NE <sup>2y</sup> winds, moderate or fresh; fair generally.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	NE <sup>2y</sup> winds, moderate; fair generally.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	-----D°-----D°-----D°-----
5 ENGLAND SOUTH	N <sup>2y</sup> and NE <sup>2y</sup> winds, moderate or fresh; fair generally, but perhaps some snow showers.	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	29.91	24	23	N	4	0	H	Holyhead	30.36	40	38	W	5	bc	4
Sumburgh Head	30.15	25	25	N	4	S	H	Valencia	30.55	41	38	2	0	ov	1
Stornoway	30.35	32	31	N	2	b	1	Scilly	30.44	41	37	NE	3	b	3
Aberdeen	30.22	32	31	WNW	4	sp	3	Dungeness	30.31	35	34	17	4	b	2
Shields	30.19	34	34	WNW	2	sp	4	London	30.32	37	33	WNW	2	bm	*
Ardrossan	30.25	41	41	W	4	e	3	Yarmouth	30.23	32	31	WNW	3	em	5
Malin Head	30.33	42	41	WNW	5	c	4	Jersey	30.38	37	33	NE	4	b	3
Mullaghmore	30.42	44	42	W	6	op	5	Rocheport	30.29	40	37	NE	8	c	3
Belmullet	30.48	44	41	W	3	op	*								

## REMARKS.

The barometer is now rising again in the extreme north, but falling elsewhere. No material change is shown in the winds, but snow showers have set in at Shields, Mullaghmore, and Holyhead. At our southern stations the weather remains fine. The sea is rather rough at Mullaghmore and Yarmouth, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Friday 11<sup>th</sup> December 1886.

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	SEA (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12).	Max.			Min.			
Haparanda	30.23	-2	N	0	0	30.21	+ .24	16	15	+ 8	N	2	0	*	?	-2	-		
Hernösand	30.26	10	N	2	0	30.38	+ .44	13	13	+ 6	N	0	0	*	3	5	-		
Stockholm	30.08	15	N	4	0	30.25	+ .55	17	17	+ 4	N	2	8	*	19	7	0.08		
Wishby	29.89	26	ESE	4	0	30.10	+ .46	28	26	+ 1	NHE	4	0	*	34	19	0.16		
Bodö	30.18	12	EHE	4	0	29.78	- .13	27	23	+ 15	SSE	4	0	2	27	10	-		
Christiansund	30.14	28	EHE	2	0	30.01	- .04	34	31	0	frsh	3	0	5	34	23	0.16		
† Skudesnaes	30.19	32	NHE	4	0	30.29	+ .21	31	28	+ 3	SSE	8	0	5	34	28	-		
Oxö (Christiansund)	30.13	27	N	2	0	30.38	+ .43	22	21	- 8	N	4	0	2	34	19	-		
Skagen (The Skaw)	30.13	27	NHE	4	0	30.36	+ .54	23	23	- 9	NHE	3	0	3	32	23	-		
Fanö	30.12	22	N	4	0	30.36	+ .41	16	16	- 14	N	4	0	*	32	16	-		
Cuxhaven	30.04	33	N	4	0	30.31	+ .29	28	28	- 2	NHE	4	0	*	33	25	-		
† Sumburgh Head	30.34	34	NW	3	0	30.06	- .29	42	41	+ 10	N	4	0	4	42	30	0.01		
† Stornoway	30.46	34	SW	3	0	30.21	- .30	39	39	+ 10	SSW	4	0	3	39	28	0.06		
Wick	30.39	33	NW	1	0	30.19	- .26	37	35	+ 9	SW	3	0	1	37	22	0.05		
Nairn	30.46	29	N	2	0	30.27	- .22	36	35	+ 13	HSW	3	0	2	36	23	-		
† Aberdeen	30.45	30	NW	4	0	30.33	- .09	23	22	- 3	HSW	2	0	2	33	22	-		
Leith	30.52	27	NW	1	0	30.39	- .08	31	31	+ 5	NW	1	0	*	31	23	-		
† Shields	30.49	27	NW	3	0	30.46	+ .05	25	25	- 5	N	1	0	5	31	20	0.01		
Spurn Head	30.41	32	NW	5	0	30.42	+ .11	32	31	- 3	NW	5	0	5	35	27	0.02		
York	30.49	28	N	1	0	30.50	+ .10	20	20	- 5	NW	1	0	*	32	16	-		
Loughborough	30.51	21	N	1	0	30.51	+ .18	22	22	- 5	WNW	1	0	*	34	22	-		
† Ardrossan	30.51	31	NW	1	0	30.42	- .08	39	38	+ 12	WSW	4	0	3	39	26	-		
Malin Head	30.57	33	N	1	0	30.55	+ .05	36	34	- 3	SSE	1	0	2	39	33	-		
Mullaghmore	30.58	36	S	4	0	30.50	- .02	37	35	- 3	S	4	0	*	41	34	-		
Belmullet	30.56	29	N	2	0	30.51	+ .01	31	29	- 3	N	2	0	0	37	27	-		
Donaghadee	30.51	31	N	2	0	30.50	+ .08	28	28	- 1	N	2	0	*	35	25	-		
Barrow-in-Furness	30.53	31	N	1	0	30.52	+ .08	31	29	+ 3	NHE	1	0	2	36	28	-		
Liverpool (Bidston)	30.55	33	N	0	0	30.53	+ .06	34	32	- 2	WNW	2	0	1	38	29	-		
† Holyhead	30.60	29	N	1	0	30.57	+ .08	26	25	- 8	N	0	0	*	37	22	-		
Parsonstown	30.54	38	NHE	1	0	30.56	+ .04	36	36	+ 4	NHE	2	0	3	42	30	-		
† Valencia	30.56	36	NHE	3	0	30.54	+ .08	35	33	0	N	3	0	3	41	33	-		
Roche's Point	30.54	34	NHE	2	0	30.55	+ .10	36	34	0	N	1	0	0	37	30	-		
Pembroke	30.49	38	EHE	2	0	30.54	+ .14	39	36	- 1	N	0	0	2	42	36	-		
† Seilly	30.52	31	NHE	3	0	30.59	+ .21	30	28	+ 1	N	1	0	2	38	27	-		
Prawle Point	30.50	30	NHE	2	0	30.54	+ .19	24	23	- 6	NW	2	0	2	35	22	-		
Hurst Castle	30.40	29	N	3	0	30.52	+ .27	25	24	- 3	N	3	0	2	34	23	-		
† Dungeness	30.50	30	N	2	0	30.51	+ .19	23	22	- 6	N	2	0	*	36	22	-		
London	30.53	28	NW	3	0	30.53	+ .16	25	25	- 2	N	1	0	*	35	23	-		
Oxford	30.46	28	N	1	0	30.49	+ .15	22	22	- 4	NW	1	0	*	32	20	-		
Cambridge	30.36	36	NW	3	0	30.41	+ .17	27	26	- 8	WNW	3	0	5	37	25	0.13		
† Yarmouth	30.23	37	N	4	0	30.33	+ .20	33	32	- 1	ESE	1	0	2	39	32	0.16		
The Helder	30.46	35	NHE	3	0	30.54	+ .26	36	34	+ 1	N	2	0	2	38	34	-		
Cape Gris Nez	30.47	36	EHE	4	0	30.54	+ .25	36	32	- 4	SE	1	0	3	43	32	-		
† Jersey	30.41	37	NHE	8	0	30.55	+ .28	32	29	- 1	NHE	7	0	2	41	25	-		
Brest	*	*	*	*	*	30.34	+ .22	33	33	+ 6	NW	1	0	*	33	27	0.16		
Lorient	*	*	*	*	*	30.34	+ .22	33	33	+ 6	NW	1	0	*	33	27	0.16		
† Rochefort	*	*	*	*	*	30.34	+ .22	33	33	+ 6	NW	1	0	*	33	27	0.16		
Biarritz	*	*	*	*	*	30.34	+ .22	33	33	+ 6	NW	1	0	*	33	27	0.16		
Cornwall	*	*	*	*	*	30.34	+ .22	33	33	+ 6	NW	1	0	*	33	27	0.16		
Brussels	*	*	*	*	*	30.34	+ .22	33	33	+ 6	NW	1	0	*	33	27	0.16		
Charleville	29.28	24	NHE	4	0	30.48	+ .36	30	29	- 2	NW	4	0	*	33	19	0.04		
Paris	30.39	31	NHE	1	0	30.48	+ .36	30	29	- 2	NW	4	0	*	33	19	0.04		
Lyons	30.23	28	N	5	0	30.41	+ .26	24	22	- 1	NW	4	0	*	31	22	0.04		
Toulon	29.85	36	N	8	0	30.08	+ .25	34	30	0	N	3	0	5	45	30	-		

## EXPLANATION OF COLUMNS.

WEATHER.—Bourfaut 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 Messrs. L. & C. London



# WEATHER CHARTS

for 8 a.m. on Friday, 11<sup>th</sup> December 1885.

## 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.

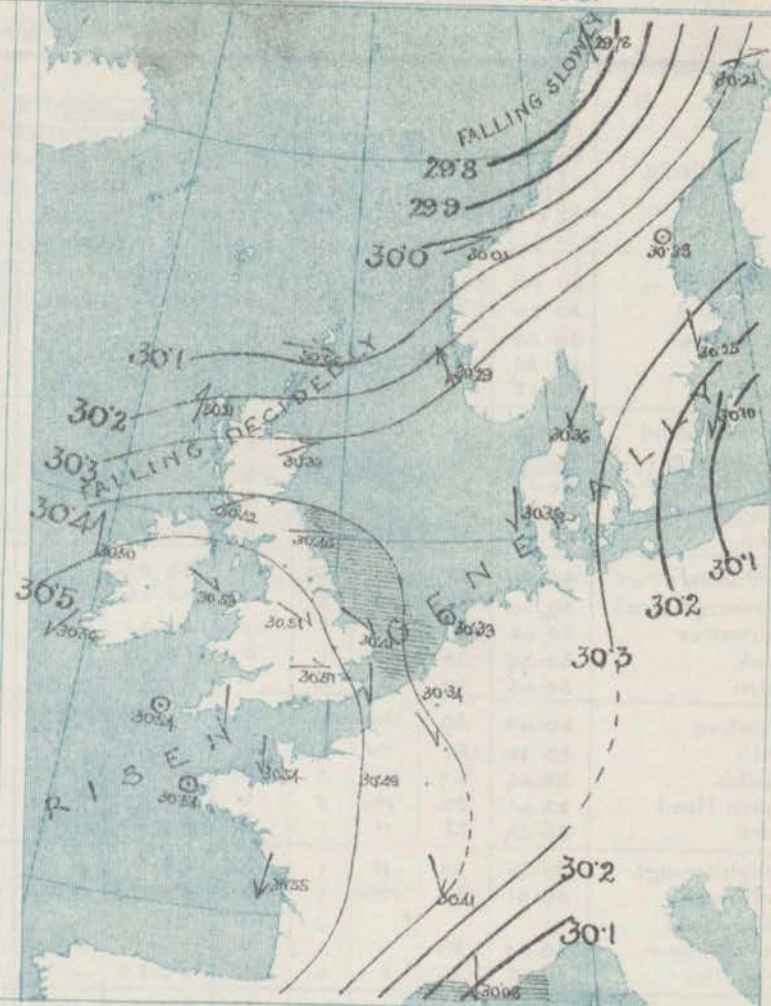
**Sea Disturbance** — where considerable is shown thus

■ = 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
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	29.858
Liverpool	29.863
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.

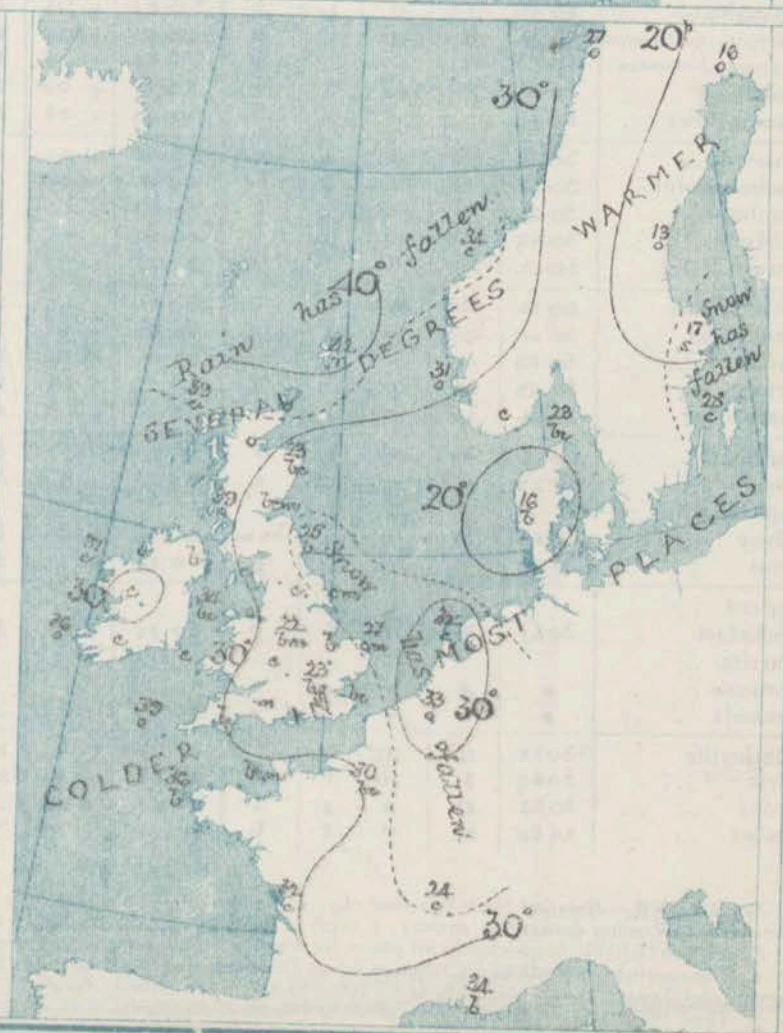
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry	Wet	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	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.





1885, at 8 a.m.

Depressions are now advancing towards our NW and N coast from the Atlantic, and are likely to bring about a break up of the dry frosty weather in most places, and to produce SW<sup>3</sup> gale in the N. Our extreme N coast have been warned this morning.

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

- (1) on the 6<sup>th</sup> Inst at 5 pm in Lat 43° N. Long 61° W. the barometer fell to 29.3 ins. during a "whole gale" in which the wind varied from SW. to W.  
on same date at 4 am in Lat 36° N. Long 67° W ———— " ————" 29.7 ins. ————" whole gale" ————" ————" SW to W.
- (2) on the 7<sup>th</sup> Inst. at 10 pm in Lat 41° N. Long 67° W ———— " ————" 29.5 ins. ————" a "strong gale" ————" ————" SW to NW.
- The observations evidently refer to two distinct depressions, which are apparently moving eastwards across the Atlantic.

for the 24 hours ending at NOON on 12<sup>th</sup> December 1885.  
(Issued at 11 a.m. on the previous day.)

Fred's Hangerfield, Ltd. London, 1134.



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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.13	34	31	NNW	6	c	3	Holyhead	30.52	36	31	E	1	b	2
Sumburgh Head	30.35	34	33	NW	3	e	3	Valencia	30.52	42	40	E	1	o	1
Stornoway	30.50	33	33	WSW	3	og	3	Scilly	30.45	40	33	ENE	3	c	3
Aberdeen	30.46	29	29	WNW	2	b	3	Dungeness	30.34	34	32	N	3	bc	2
Shields	30.45	31	28	NW	3	b	5	London	30.42	35	33	N	3	bm	*
Ardrossan	30.52	33	32	NW	1	b	0	Yarmouth	30.31	36	34	NNW	4	esp	5
Malin Head								Jersey	30.39	37	34	NE	4	bc	3
Mullaghmore	30.56	38	35	E	1	c	2	Rocheport	30.32	38	36	NE	8	bc	2
Belmullet	30.59	41	38	SE	3	b	*								

## REMARKS.

The barometer continues to rise at all stations excepting Stornoway and Valencia, where a slight fall has commenced. The wind has shifted to WSW at Stornoway and to SE at Belmullet, but elsewhere little change has occurred. Fair weather prevails at most stations, but snow showers are still falling at Yarmouth. The sea is rather rough off the east of England.



# DAILY WEATHER REPORT

for Saturday 12<sup>th</sup> December 1885.

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	SEA (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).	Max.			Min.				
Haparanda	29.93	24	S	6	bc	29.71	- 50	28	27	+ 12	S	6	0	•	•	?	2	0.04		
Hernösand	30.08	17	E	6	bc	29.88	- 50	21	19	+ 8	E	4	0	•	•	?	10	-		
Stockholm	30.28	16	W	0	0	30.12	- 13	21	21	+ 4	SSW	2	0	•	•	21	9	-		
Wisby	30.21	32	SE	2	b	30.16	+ 06	27	26	- 1	W	4	0	•	•	34	21	-		
Bodö	29.10	33	SW	6	0	29.23	- 55	37	36	+ 10	SE	4	0	•	•	?	?	0.16		
Christiansund	29.70	40	SW	4	h	29.47	- 84	43	40	+ 9	SW	4	0	•	•	43	32	0.12		
Skudesnaes	30.12	40	SW	8	h	29.90	- 39	43	42	+ 12	SSW	8	0	•	•	?	30	-		
Oslo (Christiansund)	30.25	34	SW	4	0	30.02	- 36	39	38	+ 17	SSW	6	0	•	•	?	?	-		
Skagen (The Skov)																				
Fanö																				
Cuxhaven	30.42	27	NE	3	e	30.39	+ 08	21	21	- 7	SSW	2	0	•	•	?	19	-		
Sumburgh Head	29.94	44	W	4	0	29.50	- 56	44	43	+ 2	WSW	5	0	•	•	45	40	0.13		
Stornoway	30.05	40	SW	4	2	29.58	- 63	47	47	+ 8	SW	8	0	•	•	48	36	0.04		
Wick	30.05	38	SW	2	0	29.63	- 56	45	43	+ 8	SW	2	0	•	•	45	35	-		
Nairn	30.09	40	SW	2	bc	29.77	- 50	44	42	+ 8	SW	4	0	•	•	44	36	-		
Aberdeen	30.18	33	SW	1	b	29.86	- 47	41	38	+ 18	SW	4	0	•	•	41	22	0.01		
Leith	30.25	40	W	2	0	30.00	- 39	42	40	+ 11	W	4	0	•	•	42	24	0.09		
Shields	30.33	30	WSW	2	b	30.13	- 33	40	37	+ 15	SW	2	0	•	•	40	25	-		
Spurn Head	30.41	33	WSW	3	bc	30.26	- 16	34	34	+ 2	SW	3	0	•	•	34	30	0.34		
York	30.42	29	W	1	bc	30.23	- 27	37	36	+ 17	S	1	0	•	•	38	20	-		
Loughborough	30.47	32	W	1	0	30.31	- 20	36	34	+ 14	WSW	1	0	•	•	36	22	-		
Ardrossan	30.29	43	WSW	4	0	30.05	- 37	44	43	+ 5	WSW	5	0	•	•	44	38	0.01		
Malin Head	30.27	41	SW	4	0	29.96	- 46	46	45	+ 5	SW	5	0	•	•	47	37	-		
Mullaghmore	30.37	40	SW	5	om	30.11	- 44	45	43	+ 9	SW	5	0	•	•	45	35	0.03		
Belmullet	30.32	44	SE	4	0	30.10	- 40	47	45	+ 10	WSW	5	0	•	•	47	36	-		
Donaghadee	30.39	34	WSW	3	bc	30.15	- 36	39	38	+ 8	W	3	0	•	•	39	30	-		
Barrow-in-Furness	30.40	32	NW	2	0	30.22	- 28	43	41	+ 15	WSW	4	0	•	•	43	28	-		
Liverpool (Bidston)	30.43	36	W	2	0	30.26	- 26	39	37	+ 8	SW	3	0	•	•	40	31	0.01		
Holyhead	30.44	38	WSW	2	0	30.27	- 26	44	40	+ 10	SW	5	0	•	•	44	30	-		
Parsonstown	30.47	35	S	1	0	30.25	- 32	41	38	+ 15	SW	1	0	•	•	41	24	-		
Valencia	30.47	44	S	3	0	30.29	- 27	45	45	+ 12	SW	5	0	•	•	49	35	-		
Roche's Point	30.47	39	WSW	1	b	30.30	- 24	45	42	+ 10	WSW	3	0	•	•	45	35	-		
Pembroke	30.54	44	W	3	bc	30.35	- 20	46	42	+ 10	W	4	0	•	•	46	35	-		
Scilly	30.49	40	W	0	bc	30.41	- 13	43	38	+ 4	SW	3	0	•	•	46	38	-		
Prawle Point	30.52	32	WSW	1	b	30.42	- 17	40	37	+ 10	WSW	1	0	•	•	42	28	-		
Hurst Castle	30.51	30	NW	2	b	30.41	- 13	40	38	+ 16	W	2	0	•	•	41	22	-		
Dungeness	30.45	28	N	2	m	30.43	- 09	36	35	+ 11	WSW	2	0	•	•	36	23	-		
London	30.49	31	NW	1	m	30.39	- 12	33	32	+ 10	SW	1	0	•	•	36	22	-		
Oxford	30.48	29	WSW	2	c	30.37	- 16	33	32	+ 8	SW	1	0	•	•	35	25	-		
Cambridge	30.47	27	W	0	b	30.35	- 14	33	32	+ 11	SW	1	0	•	•	34	21	-		
Yarmouth	30.41	33	WSW	2	cm	30.32	- 09	32	31	+ 5	WSW	2	0	•	•	34	24	0.01		
The Helder	30.43	28	SSW	1	c	30.31	- 02	27	26	- 6	S	3	0	•	•	34	27	-		
Cape Gris Nez	30.43	35	N	4	b	30.37	- 06	37	37	-	WSW	1	0	•	•	37	32	-		
Jersey	30.60	37	N	2	cm	30.46	- 08	40	38	+ 4	WSW	1	0	•	•	41	35	-		
Brest																				
Lorient	30.52	29	E	4	b	30.49	- 05	36	33	-	E	3	0	•	•	43	30	-		
Rochefort	30.52	26	ESE	5	b	30.50	- 05	31	29	- 1	ESE	5	0	•	•	?	27	-		
Biarritz	30.41	35	E	5	b	30.38	- 03	28	27	-	ESE	4	0	•	•	41	28	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Charleville	30.45	22	NNE	1	b	30.45	-	12	11	- 21	NNE	1	0	•	•	35	9	-		
Paris	30.49	34	WSW	1	bc	30.58	+ 10	28	27	- 2	S	4	0	•	•	*	*	-		
Lyons	30.38	31	NW	4	bc	30.45	+ 04	21	19	- 3	WSW	4	0	•	•	32	21	-		
Toulon	30.04	33	N	5	b	30.22	+ 14	37	32	+ 3	E	3	0	•	•	41	34	-		

## EXPLANATION OF COLUMNS.

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

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

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

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

Printed by D. B. D. Ltd. London



# WEATHER CHARTS

for 8 a.m. on Saturday, 12<sup>th</sup> December 1885.

## 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 bars and feathers refer to force, thus—

→ forces above 10; → forces 8 to 10;  
→ forces 3 to 7; → forces 1 to 4;  
○ = dead calm.

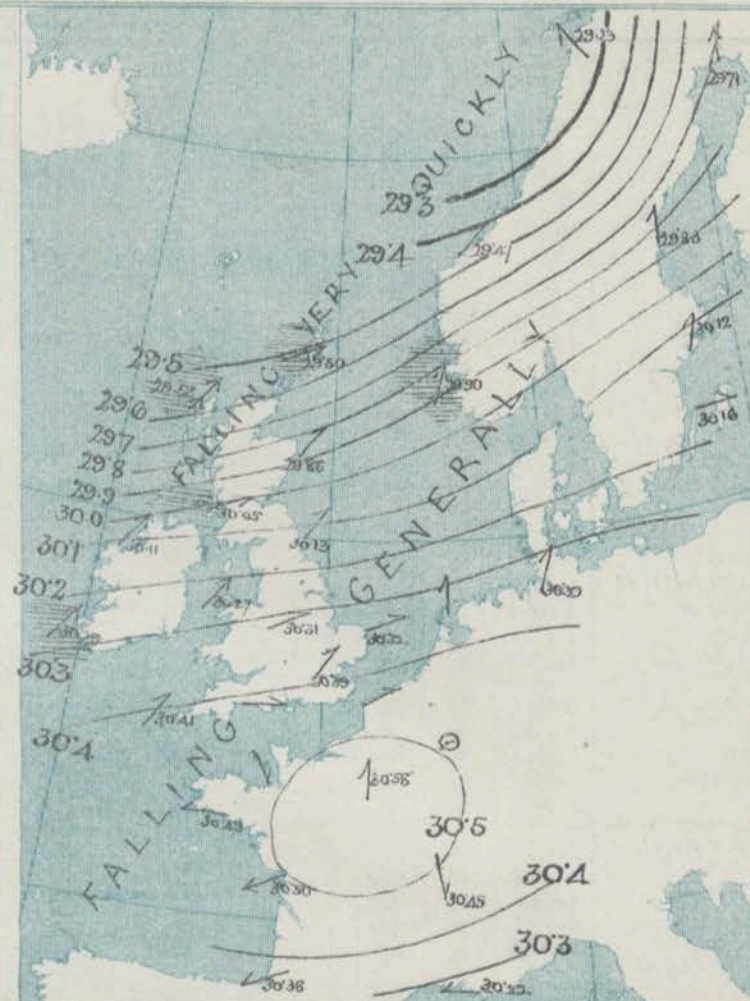
**Sea Disturbance**—where considerable is shown thus

■ = 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 in.
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
Holyhead	29.858
Liverpool	29.883
Valencia	29.879
Roche's Point	29.889
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.988
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.

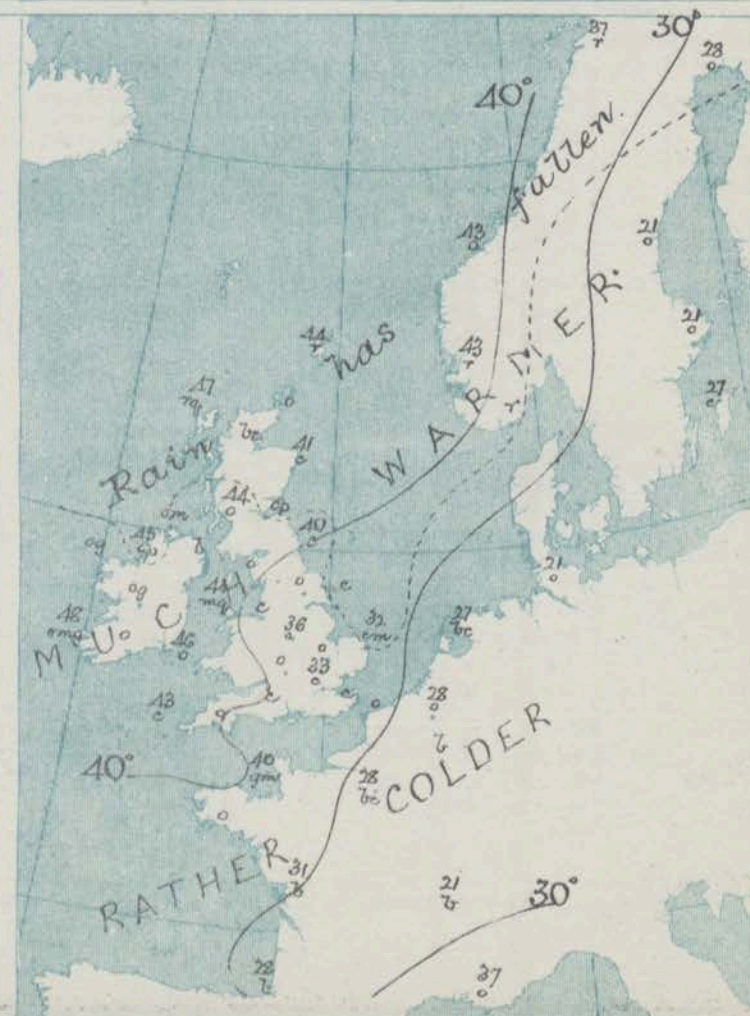
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.81
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	41.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.99

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





# REMARKS.

For Saturday 12<sup>th</sup> December. 1885. at 8 a.m.

The anticyclone which lay over our western and south-western coasts yesterday has been transferred to France and the barometer is now falling generally - quickly in the extreme north. Depressions are apparently striking our northern coasts in a N.E. direction and gradient over the west of Scotland are steep. E. breezes are reported in the west of France, but elsewhere the wind has shifted to the S.W., and at Stromway and Skudsmo it blows with the force of a fresh gale. The weather is fine at the French stations, but cloudy or overcast elsewhere with rain in Norway as well as in the Hebrides, and passing showers at Leith and Philburghmore. Since yesterday rain has fallen at some of our western and northern stations. At the summit of Ben Nevis the barometer at 6 p.m. <sup>yesterday</sup> was falling briskly, with a light N.W. breeze, a temperature of 28° and misty weather. Temperature has fallen a little over France and the Netherlands, but risen decidedly in all other parts of Western Europe. At Hunt Castle the change since yesterday amounts to 16°, at York to 17°, and at Aberdeen to 18°, and readings over our Islands now range from 48° at Talencia to 32° at Yarmouth. At Charleville the thermometer is as low as 12°, the minimum last night being only 9°. The sea is rough at Stromway, rather rough at Lumburgh Head and Talencia, moderate to smooth elsewhere.

The depressions which are approaching us from the Atlantic are likely to occasion a further extension of mild unsettled weather, but for the present rain will probably be confined to our western and northern stations.

## FORECASTS

For the 24 hours ending at NOON on 13<sup>th</sup> December 1885.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	SW <sup>ly</sup> and W <sup>ly</sup> strong winds or gales, dull, squally, some rain.	6 { SCOTLAND WEST	Same as No 0
1 { SCOTLAND EAST	SW <sup>ly</sup> winds, moderate to strong; fair to cloudy and some rain.	7 { ENGLAND N.W.	Same as No 1.
2 { ENGLAND N.E.	-----D <sub>2</sub> -----D <sub>2</sub> -----D <sub>2</sub> -----	8 { ENGLAND S.W.	SW <sup>ly</sup> and W <sup>ly</sup> winds, freshening; cloudy, some rain.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	SW <sup>ly</sup> winds, increasing in force, cloudy, some rain.
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	-----D <sub>2</sub> -----D <sub>2</sub> -----D <sub>2</sub> -----
5 { ENGLAND SOUTH	SW <sup>ly</sup> winds, moderate; fair generally, becoming milder.	WARNINGS	
		The S. cone was hoisted yesterday in districts 0. 6. 7. 9. and 10.	



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.25	34	32	SSW	8	A	5	Holyhead	30.46	38	36	HSW	2	c	2
Sumburgh Head	29.98	44	42	W	4	Cp	4	Valencia	30.49	43	42	SSW	4	c	4
Stornoway	30.14	42	42	SW	4	Cp	3	Scilly	30.52	44	39	W	0	bc	2
Aberdeen	30.24	32	31	SW	1	C	2	Dungeness	30.44	33	33	N	3	m	2
Shields	30.34	33	32	HSW	2	C	5	London	30.44	35	32	NTW	2	bf	*
Ardrossan	30.35	42	42	SSW	4	0	3	Yarmouth	30.40	33	32	HW	4	c m	5
Malin Head	30.33	41	40	SW	4	0	4	Jersey	30.52	39	37	NTW	2	c	2
Mullaghmore	30.41	38	36	SSW	4	0	3	Rochefort	30.54	40	34	NE	5	b	2
Belmullet	30.36	42	40	SSW	4	0	*								

## REMARKS.

The depression noticed in the north this morning is passing eastwards, but a new one is approaching our northwest coast from the Atlantic. Temperature is increasing everywhere; in London it has risen 12° since 8 a.m. The sea is inclined to rise in the west. It is still rather rough off the east of England.



# DAILY WEATHER REPORT

for Sunday 13<sup>th</sup> December 1885.

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.	
			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	29.42	30	S	6	s	29.19	-.52	34	38	+ 6	SW	6	o	*	?	23	0.32	
Hernösand	29.47	36	S	8	o	29.43	-.45	36	35	+ 15	Z	0	bc	*	37	16	—	
Stockholm	29.53	32	SW	2	o	29.76	-.36	33	32	+ 12	SSW	4	o	*	34	12	—	
Wisby	30.04	32	SW	6	o	29.96	-.20	35	33	+ 8	WSW	6	o	*	?	27	0.04	
Bodo	28.98	39	SSE	4	r	28.92	-.31	39	37	+ 2	WSW	8	o	4	39	37	—	
Christiansund	29.12	43	SW	9	r	29.10	-.37	45	42	+ 2	SW	6	r	6	45	37	0.32	
Skudesnaes	29.66	45	SSW	8	r	29.64	-.26	46	45	+ 3	SSW	6	o	6	?	43	1.06	
Oxö (Xtiansund)	29.81	42	SW	6	o	29.73	-.29	41	41	+ 2	SW	6	f	4	?	?	0.08	
Skagen (The Skaw)	29.86	37	WSW	5	o	29.82	-.29	39	39	+ 9	SW	3	m	2	39	30	0.04	
Faro	30.00	36	S	6	o	29.96	-.25	39	39	+ 4	SW	4	r	*	39	36	0.28	
Cuxhaven	30.26	27	SW	5	f	30.14	-.25	34	34	+ 13	SW	3	f	*	34	?	—	
Sumburgh Head	29.42	47	W	5	o	29.29	-.21	49	47	+ 5	WSW	7	o	6	49	44	0.16	
Stornoway	29.56	48	SW	7	rg	29.47	-.11	50	50	+ 3	SW	8	rg	7	50	44	0.59	
Wick	29.57	46	SW	2	o	29.49	-.14	50	48	+ 5	W	7	o	3	50	42	0.06	
Nairn	29.63	48	SW	2	o	29.11	-.11	49	46	+ 5	W	7	b	2	49	43	—	
Aberdeen	29.74	41	S	4	b	29.67	-.19	46	43	+ 5	SSW	6	cg	3	47	39	—	
Leith	29.88	42	W	4	o	29.84	-.16	46	44	+ 4	WSW	5	o	*	47	42	—	
Shields	29.98	46	SW	2	o	29.99	-.20	48	44	+ 8	SW	3	o	2	48	38	—	
Spurn Head	30.13	39	SW	4	c	30.09	-.17	40	39	+ 6	SW	4	o	4	40	35	—	
York	30.12	43	W	3	o	30.06	-.17	45	43	+ 8	W	4	o	*	45	36	—	
Loughborough	30.26	41	WSW	5	o	30.17	-.14	43	41	+ 7	WSW	3	og	*	44	36	—	
Ardrossan	29.93	47	SW	5	o	29.92	-.13	47	46	+ 3	SSW	4	o	4	47	43	—	
Malin Head	29.95	47	SW	7	o	29.91	-.05	47	46	+ 1	SW	5	om	4	49	45	—	
Mullaghmore	30.01	47	SW	7	cm	29.97	-.16	48	45	+ 3	SW	5	o	5	49	44	—	
Belmullet	30.01	47	SW	6	ogp	29.96	-.14	49	46	+ 2	WSW	5	cu	*	49	47	0.09	
Donaghadee	30.03	45	SSW	5	bc	29.98	-.17	45	43	+ 6	SW	4	b	2	45	38	—	
Barrow-in-Furness	30.12	44	SW	3	o	30.07	-.15	46	44	+ 3	WSW	4	o	*	46	41	0.05	
Liverpool (Bidston)	30.17	44	WSW	4	o	30.11	-.15	46	43	+ 7	WSW	5	o	3	47	39	0.03	
Holyhead	30.17	46	SW	6	ogm	30.13	-.14	48	46	+ 4	SW	5	ogm	4	48	40	—	
Parsonstown	30.17	44	WSW	2	o	30.12	-.13	45	43	+ 4	SSW	1	og	*	47	40	—	
Valencia	30.20	49	SW	6	og	30.14	-.15	50	49	+ 2	SW	4	om	5	51	47	0.02	
Roche's Point	30.24	45	WSW	5	o	30.16	-.14	49	46	+ 4	WSW	4	o	4	49	43	—	
Pembroke	30.27	47	SW	6	o	30.21	-.14	49	46	+ 3	SW	5	o	4	49	44	0.02	
Scilly	30.35	46	SW	4	o	30.29	-.12	50	46	+ 7	SW	4	o	4	50	41	—	
Prawle Point	30.38	41	NW	1	o	30.31	-.11	47	44	+ 7	SW	3	o	3	47	38	—	
Hurst Castle	30.36	43	W	4	c	30.31	-.10	45	43	+ 5	W	5	o	2	45	38	—	
Dungeness	30.33	37	W	3	o	30.29	-.14	42	41	+ 6	WNW	2	o	2	42	35	—	
London	30.32	39	SW	1	o	30.29	-.10	41	40	+ 8	W	2	o	*	41	33	—	
Oxford	30.30	38	SW	3	o	30.26	-.11	40	38	+ 7	SW	2	og	*	41	33	—	
Cambridge	30.24	37	SW	1	o	30.23	-.12	40	38	+ 7	SW	2	o	*	40	32	—	
Yarmouth	30.21	35	SW	2	c	30.19	-.13	37	36	+ 5	WSW	2	om	3	37	30	—	
The Helder	30.19	39	WSW	3	o	30.14	-.17	41	40	+ 14	WSW	3	o	2	41	27	—	
Cape Gris Nez	30.41	42	WNW	1	o	30.41	-.05	42	39	+ 2	SW	4	omg	4	43	39	—	
Jersey	30.41	41	S	3	ogm	30.39	-.05	41	39		SSE	4	o	4	45	34	—	
Brest	30.44	41	S	3	ogm	30.39	-.05	41	39		SSE	4	o	4	45	34	—	
Lorient	30.46	36	E	3	b	30.45	-.04	36	34	+ 0	E	4	o	2	43	30	—	
Rochefort	30.50	35	ENE	4	b	30.48	-.02	32	28	+ 1	ENE	4	o	2	39	23	—	
Biarritz	30.38	36	ENE	3	b	30.38	-.00	28	27	+ 0	E	1	b	0	41	27	—	
Corunna	*	*	*	*	*	30.43	+ .10	40	40	- 1	ESE	1	b	3	57	37	—	
Brussels	*	*	*	*	*	30.29	?	36	35	+ 8	SSW	3	r	*	?	?	0.04	
Charleville	30.40	34	SSW	3	o	30.30	-.12	30	29	+ 18	SSW	1	o	*	32	?	0.04	
Paris	30.46	32	SW	4	o	30.42	-.16	37	36	+ 9	S	1	o	*	*	*	—	
Lyons	30.46	25	N	4	b	30.46	+ .01	19	19	- 2	E	1	o	*	29	17	—	
Toulon	30.20	35	E	3	o	30.17	-.05	37	34	+ 0	E	3	o	2	39	34	—	

## 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 13<sup>th</sup> December

1885.

## 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.

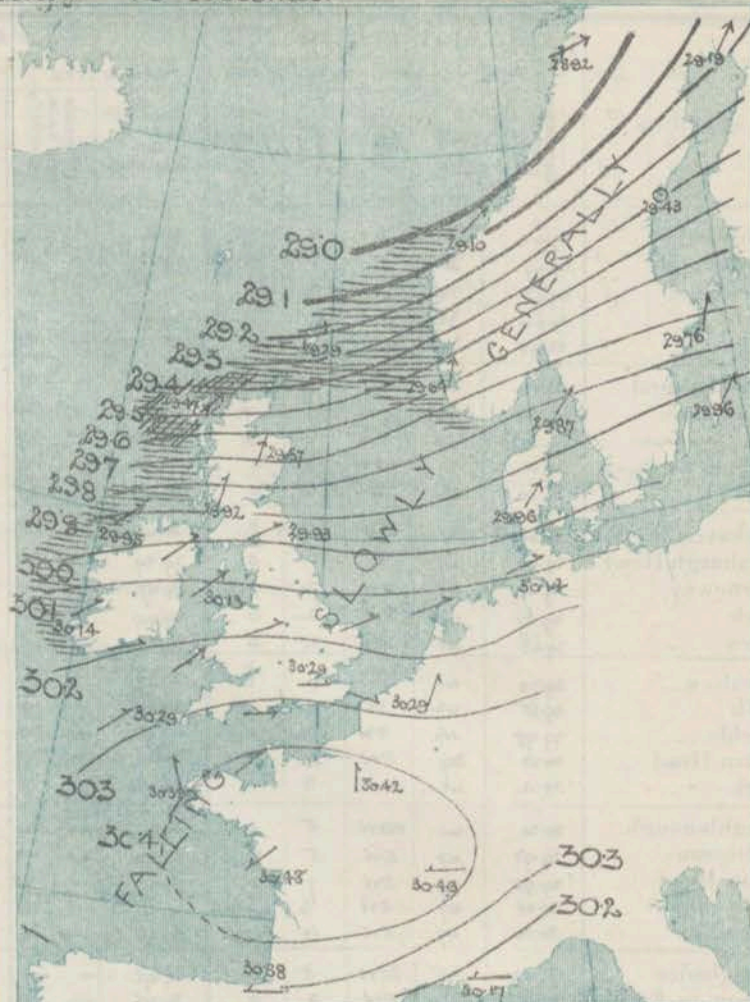
— forces above 10 — forces 8 to 10  
 — forces 5 to — forces 1 to 4  
 ☉ = dead calm.

**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.
	in.
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
Holyhead	29.858
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.

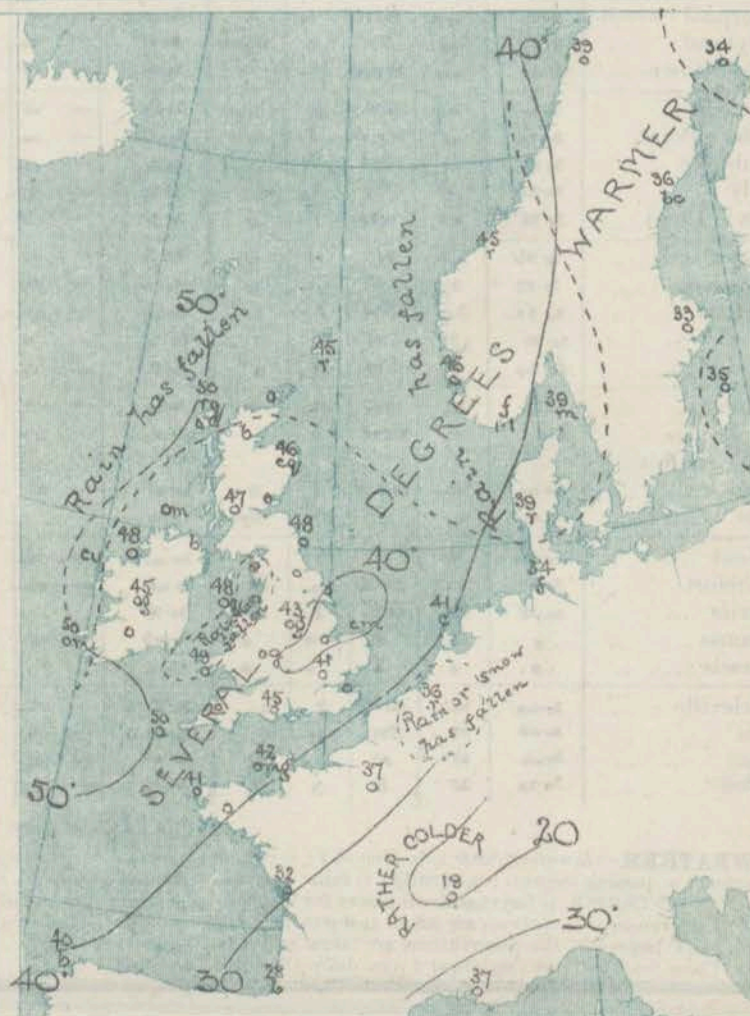
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.18
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.08
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	48.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	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 Sunday 13<sup>th</sup> December 1885. at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to fall in all parts of Western Europe, the change being most decided in Scandinavia. An anticyclone still lies over France, but a large depression exists off the northwest of Norway, and gradients over our northern and the Scandinavian stations are steep. The wind remains E<sup>ly</sup> in the west and south of France, but elsewhere it is SW<sup>ly</sup> or W<sup>ly</sup> and in the north of Scotland it blows with the force of a moderate or fresh gale. A strong SW<sup>ly</sup> gale was experienced in the Hebrides yesterday. The weather is cloudy or overcast generally, with rain at Christiansund, Paris and Stornoway. Slight rain fell yesterday at several of our western and northern stations. Temperature has again risen generally, and readings now range from 50° at Stornoway, Valencia and Bally to 37° at Plymouth. The sea is high at Stornoway, rough at Lumburg Head, and rather rough off the west of Ireland, moderate to smooth elsewhere.

## FORECASTS

for the 24 hours ending at NOON on 14<sup>th</sup> December. 1885.

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

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

1 { SCOTLAND  
NORTH

2 { SCOTLAND  
EAST

3 { ENGLAND  
N.E.

4 { ENGLAND  
EAST

5 { MIDLAND  
COUNTIES

6 { ENGLAND  
SOUTH

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

### WARNINGS

None issued

None issued

The south cone is still flying in districts 6, 7, 9 and 10.



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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	29.73	44	42	SSW	8	r	6	Holyhead	30.21	46	43	SW	6	og	5
Sumburgh Head	29.35	47	45	W	6	0	6	Valencia	30.24	49	47	SW	6	0	5
Stornoway	29.56	49	49	SW	8	gd	6	Scilly	30.29	46	42	WSW	3	0	4
Aberdeen	29.74	41	39	S	5	0	2	Dungeness	30.33	37	37	NN	3	0	2
Shields	29.98	43	40	SW	3	0	3	London	30.32	41	38	WSW	1	sm	*
Ardrossan	29.94	? 46	? 45	SW	5	0	4	Yarmouth	30.25	34	33	SW	2	ang	3
Malin Head	29.98	49	47	SW	6	0	6	Jersey	30.41	43	41	W	2	0	2
Mullaghmore	30.04	47	45	WSW	6	sm	6	Rochefort	30.49	37	34	ENE	4	6	2
Behnullet	30.04	48	46	WSW	6	agw	*								

## REMARKS.

A slight recovery of pressure has occurred at Stornoway since noon, but at all other places the barometer is falling. W<sup>2</sup> and SW winds are reported very generally, and blow strongly in Ireland and again at Stornoway. The frost has given way completely. The sea is rough in the NW. and W. smooth in the Bay of Biscay.



# DAILY WEATHER REPORT

for Monday 14<sup>th</sup> December 1885.

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 3 p.m. 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 3 p.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.	Amount of Rainfall.		
Haparanda	28.85	35	SW	6	b	29.04	-1.5	39	35	+5	NW	6	0	*	?	28	0.12		
Hernösand	29.21	41	W	4	b	29.86	+1.3	40	35	+5	SW	6	0	*	21	36	-		
Stockholm	29.62	38	W	4	o	29.79	+0.3	38	34	+4	W	2	0	*	36	30	-		
Wishby	29.91	37	SW	6	o	29.89	-0.1	39	38	+1	WSW	6	0	*	39	30	-		
Bodo	28.56	41	WSW	9	h	29.27	+3.5	35	32	-3	WSW	6	0	h	41	34	0.47		
Christiansund	29.18	43	WSW	9	h	29.71	+6.1	40	38	-2	WSW	8	h	7	48	46	0.47		
Skudesnæs	29.76	46	WSW	4	o	29.96	+3.2	44	42	-2	WSW	2	0	h	46	?	0.20		
Oxø (Xtinaund)	29.74	44	WSW	6	f	29.97	+2.4	44	42	+2	WSW	4	f	3	45	?	-		
Skagen (The Skaw)	29.78	43	W	4	o	29.93	+1.1	40	39	+1	W	3	0	3	43	37	-		
Faro	30.01	41	SW	4	o	30.10	+1.4	41	40	+1	SW	2	0	*	41	39	-		
Cuxhaven	30.09	36	SW	2	f	30.23	+0.9	38	38	+4	WSW	2	f	*	?	?	0.18		
Sumburgh Head	29.57	46	W	5	b	29.82	+5.3	45	44	-1	WSW	3	h	h	50	44	0.12		
Stornoway	29.73	46	SW	5	o	29.88	+4.1	49	49	-1	SSW	5	0	4	51	44	0.11		
Wick	29.72	47	W	2	o	29.93	+4.4	48	47	-1	W	2	0	1	52	44	0.02		
Nairn	29.76	52	W	2	o	29.97	+3.6	49	47	-2	WSW	3	0	2	52	47	-		
Aberdeen	29.80	48	SSW	2	b	30.04	+3.7	44	42	-2	SSW	2	0	2	49	42	-		
Inch	29.92	47	W	5	b	30.11	+2.7	47	45	+1	SW	2	0	*	50	45	-		
Shields	29.96	50	WSW	3	b	30.20	+2.7	42	40	-2	SW	2	m	2	51	41	-		
Spurn Head	30.13	42	SW	4	b	30.28	+1.9	39	39	-1	WSW	3	0	3	44	37	-		
York	30.12	46	W	2	b	30.27	+2.1	39	38	-1	S	1	f	*	48	37	-		
Loughborough	30.19	44	WSW	3	o	30.31	+1.4	42	41	-1	SE	1	0	3	45	42	-		
Androssan	30.00	48	SSW	4	o	30.15	+2.3	47	47	0	SW	3	0	3	48	46	-		
Malin Head	29.95	49	W	5	o	30.11	+2.0	47	47	0	SSW	4	0	4	50	46	-		
Mullaghmore	30.03	50	SW	5	o	30.12	+1.7	50	49	+1	SW	5	0	5	51	48	0.02		
Belmullet	30.04	49	SSW	5	o	30.12	+1.6	49	48	-1	SSW	4	0	4	50	47	-		
Donaghadee	30.07	46	SSW	4	b	30.19	+2.1	45	45	0	SW	2	0	0	49	43	-		
Barrow-in-Furness	30.09	46	SW	3	c	30.24	+1.7	46	45	-1	SW	3	0	*	47	45	-		
Liverpool (Bidston)	30.16	46	WSW	4	o	30.28	+1.7	47	46	+1	SW	2	0	3	48	46	-		
Holyhead	30.17	48	SW	4	om	30.28	+1.5	48	48	0	SSW	3	0	2	49	43	-		
Parsonstown	30.16	47	SW	1	o	30.25	+1.3	48	46	+2	SW	1	0	*	50	44	0.04		
Valencia	30.18	49	SSW	3	c	30.23	+0.9	51	50	+1	SSW	6	0	6	53	47	0.07		
Roche's Point	30.21	48	W	3	c	30.27	+1.1	49	48	-1	SW	4	0	4	51	42	0.12		
Pembroke	30.25	50	SW	5	c	30.34	+1.3	49	48	-1	SSW	4	0	3	50	47	0.03		
Seilly	30.31	51	SW	5	o	30.36	+0.7	49	47	-2	SSW	4	0	5	51	47	-		
Prawle Point	30.34	48	WSW	3	c	30.40	+1.9	49	48	+1	WSW	2	0	2	49	46	0.01		
Hurst Castle	30.31	46	WSW	5	c	30.39	+0.8	45	45	0	WSW	1	0	2	46	44	0.07		
Dungeness	30.28	44	WSW	3	o	30.36	+0.7	43	43	+1	WSW	2	0	2	45	41	0.04		
London	30.28	45	WSW	1	o	30.39	+1.0	42	41	+1	SW	1	0	*	45	38	0.04		
Oxford	30.28	43	SW	3	o	30.39	+1.3	43	43	+1	SW	1	0	*	44	40	-		
Cambridge	30.27	42	SW	1	o	30.36	+1.3	41	40	+1	SW	1	0	*	43	39	-		
Yarmouth	30.18	39	WSW	2	om	30.31	+1.2	40	39	+1	WSW	2	0	3	40	36	-		
The Helder	30.17	42	WSW	3	o	30.26	+1.2	42	41	+1	W	1	0	2	45	41	-		
Cape Gris Nez	30.26	48	W	5	o	30.37	+1.3	46	45	-1	W	1	0	1	48	45	-		
Jersey	30.38	44	SW	3	o	30.43	+0.6	47	47	+1	W	4	0	3	47	41	-		
Brest	30.41	46	S	4	m	30.44	+0.5	45	42	+3	SE	4	0	4	46	41	-		
Borient	30.44	43	S	2	o	30.46	+0.1	39	37	+2	ESE	2	0	2	43	32	-		
Roche fort	30.49	35	ESE	4	c	30.50	+0.2	32	31	-1	ESE	5	0	1	37	25	-		
Biarritz	30.38	37	E	4	b	30.39	+0.1	27	27	-1	E	5	0	1	43	27	-		
Corunna	*	*	*	*	*	30.34	-0.9	41	39	+2	ESE	4	0	4	57	37	-		
Brussels	*	*	*	*	*	30.37	+0.8	38	38	+1	SW	1	0	*	39	?	0.04		
Charleville	30.33	34	SW	1	o	30.33	0.0	34	34	+1	SW	1	0	*	?	?	0.08		
Paris	30.41	38	SSW	1	o	30.47	+0.5	40	39	+1	SSW	1	0	*	*	*	-		
Lyons	30.41	32	WSW	5	b	30.46	0.0	32	31	+1	WSW	5	0	*	38	?	-		
Toulon																			

## 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 Burgess & Son, Ltd., London.



# WEATHER

# CHARTS

For 8 a.m. on Monday, 14<sup>th</sup> December 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

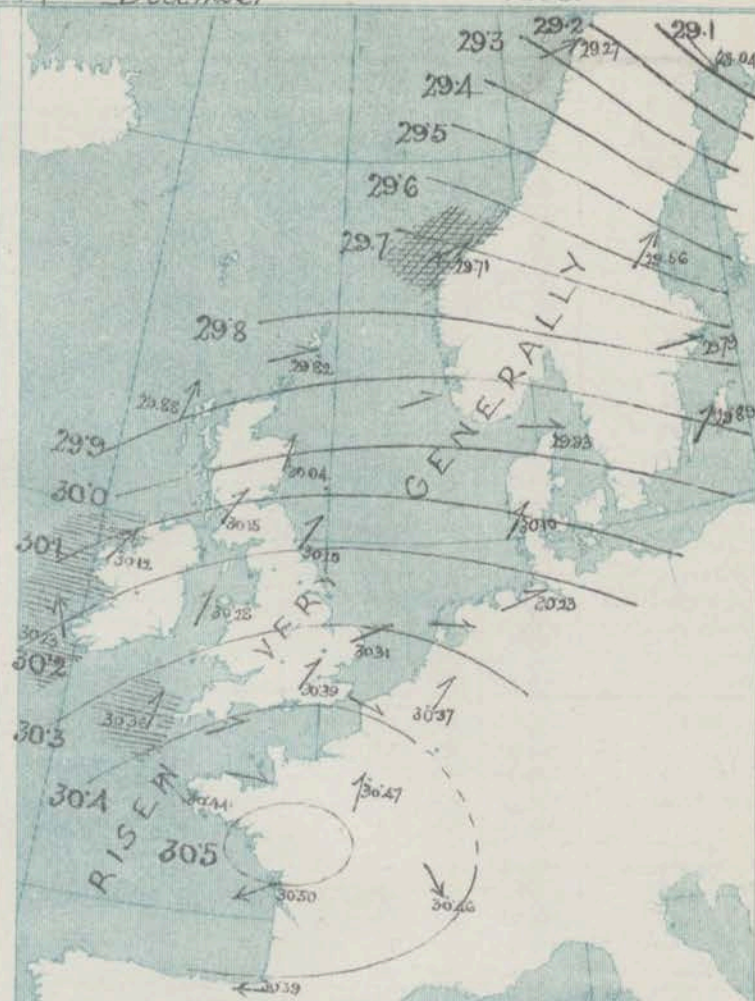
**Sea Disturbance** — where considerable, is shown thus

▨ = 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
Holyhead	29.858
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.

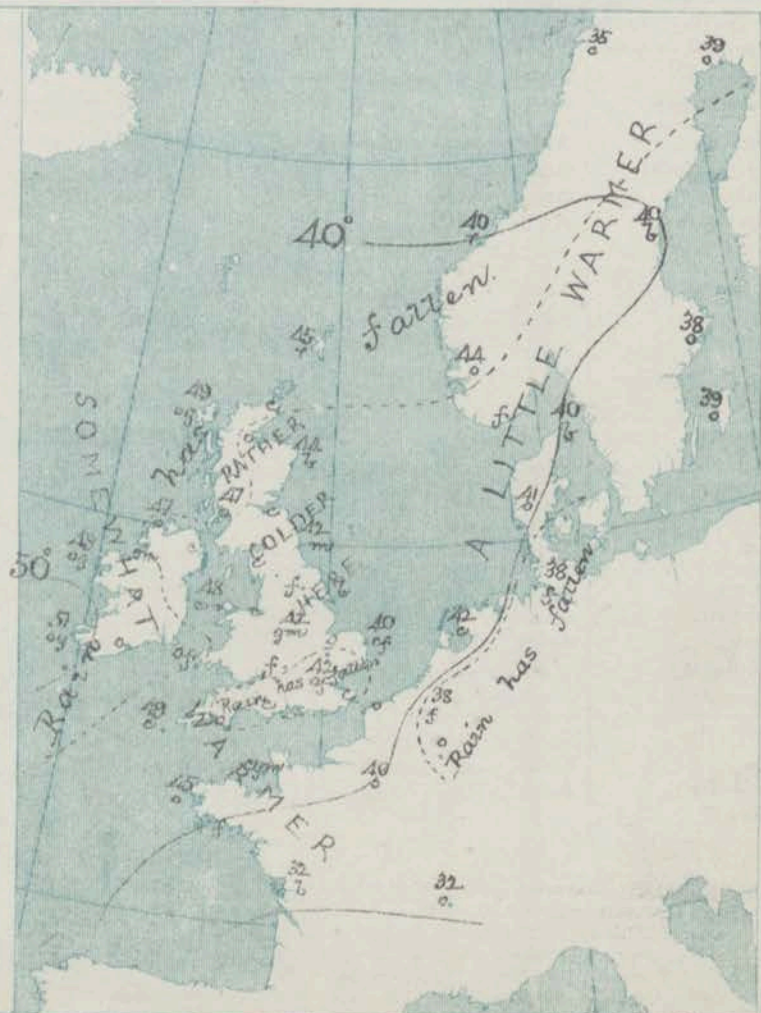
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry	Wet.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
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Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.90

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 14<sup>th</sup> December. 1885. at 8 a.m.

The large depression which was approaching the west of Norway yesterday has travelled away in an easterly direction, and the barometer has risen in all parts of Western Europe. An anticyclone still lies over France. Strong winds from the W<sup>nd</sup> are reported in the north of Scandinavia, and moderate SW<sup>ly</sup> breezes over the greater part of our islands, but at Valencia there is a strong breeze from SSE., while over the Bay of Biscay the wind is E<sup>ly</sup>. The weather is fine at several of our eastern stations, as well as in the south-west of France, but cloudy or overcast elsewhere, with fog over Central England. A little rain fell yesterday at our southern and also at our extreme northern stations, but in the intermediate districts the weather was dry. Temperature has fallen a little in the east, but elsewhere the tendency has been for a further rise; readings now range from 51° at Valencia to 39° at Spinn Head and York. The sea is rough at Valencia, rather rough at Mullaghmore and Skilly, moderate to smooth elsewhere.

The wind on our extreme western coasts appears to be backing, and new depressions will probably advance from the Atlantic shortly.

## FORECASTS

For the 24 hours ending at NOON on 15<sup>th</sup> December 1885.  
(Issued at 11 a.m. on the previous day.)

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



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

	Day.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.65	46	45	SW	C	r	C	Holyhead				
Sumburgh Head								Valencia				
Stornoway								Scilly				
Aberdeen								Dungeness				
Shields								London				*
Ardrossan								Yarmouth				
Malin Head								Jersey				
Mullaghmore								Rochefort	30.48	36	36	NE 5 c 1
Balmullet							*					

## REMARKS.

# SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS

AND THEIR NEIGHBOURHOOD.

FROM THE 6<sup>TH</sup> TO THE 12<sup>TH</sup> DECEMBER 1885.

During this week the systems of pressure-distribution have varied greatly. At first anticyclonic conditions prevailed in the north, and cyclonic in the south, the gradients being slight, and favourable for N<sup>W</sup> (NW to NE) winds. The anticyclonic system then spread, and by 8 am on the 8<sup>th</sup> covered the whole of our Islands - the gradients being still northerly, but more decided than on the 6<sup>th</sup>. Very little change was noticed till early on the 11<sup>th</sup>, when the system began to move southwards, southwesterly gradients then appeared in the north, and by 8 am on the 12<sup>th</sup> (Saturday) had spread all over the United Kingdom, the North Sea and Scandinavia.

Three depressions passed within our area, and some others near to it.

The first advanced to our southwestern coast early on Sunday. It was shallow and somewhat small, and did not advance further to the eastward than the mouth of St George's Channel.

The second advanced over the Bay of Biscay on Monday, and absorbed the one just mentioned. It was apparently a large system of moderate depth, but on arriving over the Bay took a southeasterly course, and, moving slowly, travelled across the northeast of Spain to the Mediterranean.

The third was very small and shallow, and would not be worth noticing so far as its winds are concerned, but rather on account of the amount of snow with which it was accompanied. It was apparently formed over Iceland early on Wednesday, and, travelling southwards, passed eastwards of London at about 10 pm, and reached North Germany (near Weisbaden) on the following morning.

Later on there were evidently some very large and deep depressions advancing eastwards away to the northward of our Islands, and producing strong SW<sup>ly</sup> winds at our outlying despatch stations, but these lay too far north for their movements to be determined accurately at present.

Thus during the week a sharp frost has spread, gradually, all over our Islands and their neighbourhood and has disappeared again completely. The frost showed itself in our neighbourhood on Sunday, when the thermometer at Lumburg had fell to  $21^{\circ}$ , that at Aberdeen to  $26^{\circ}$ . Thence it spread steadily, until on Thursday the whole of Western Europe was covered by it. The thaw commenced in the extreme north of Scotland early on Friday, and by Saturday morning has reached our extreme southern coasts.

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



# DAILY WEATHER REPORT

for Tuesday 15<sup>th</sup> December 1885.

*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.		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 .....	29.53	24	20	0	b	29.52	+ .48	22	22	- 14	20	0	b	*	39	21	-	
Hernösand .....	29.81	35	20	0	bc	29.67	+ .11	31	30	- 9	20	0	b	*	45	?	-	
Stockholm .....	30.00	35	20	0	c	29.89	+ .10	39	38	+ 1	hsw	2	0	*	41	32	-	
Wisby .....	30.03	35	W	4	c	30.01	+ .12	37	37	- 2	W	4	f	*	43	34	-	
Bodö .....	29.45	35	hsw	6	bc	29.35	+ .08	32	32	- 3	W	6	m	3	36	32	-	
Christiansund .....	29.70	38	W	4	λ	29.84	+ .13	41	39	+ 1	hsw	6	λ	5	41	30	1.10	
Skudesnaes .....	30.04	46	hsw	2	0	30.09	+ .13	46	45	+ 2	hsw	2	λ	3	46	?	-	
Oxö (Xtiansand) .....	30.06	44	hsw	4	0	30.07	+ .10	45	44	+ 1	sw	6	f	2	45	42	-	
Skagen (The Skaw) .....	30.09	41	W	2	f	30.08	+ .15	40	40	0	W	3	f	3	?	39	-	
Fanö .....	30.26	39	hsw	4	c	30.26	+ .16	40	40	- 1	W	4	b	*	41	34	-	
Cuxhaven .....	30.27	37	hsw	2	f	30.36	+ .13	39	39	+ 1	hsw	2	f	*	40	28	-	
Sumburgh Head .....	29.84	48	hsw	5	0	29.97	+ .15	48	47	+ 3	hsw	4	0	5	49	45	0.22	
Stornoway .....	29.94	51	sw	5	λ	30.06	+ .18	48	48	- 1	ssw	5	0	5	51	46	0.08	
Wick .....	29.97	47	W	2	bc	30.10	+ .17	47	45	- 1	sw	1	bc	1	48	42	-	
Nairn .....	30.03	50	hsw	3	0	30.12	+ .15	47	45	- 2	hsw	2	0	2	50	47	-	
Aberdeen .....	30.07	47	ssw	1	c	30.17	+ .13	39	39	- 5	ssw	1	b	1	50	38	-	
Leith .....	30.18	47	sw	2	c	30.24	+ .13	46	44	- 1	W	1	c	*	51	45	-	
Shields .....	30.26	47	sw	3	cm	30.31	+ .11	46	43	+ 4	ssw	3	cm	2	51	41	-	
Spurn Head .....	30.33	47	sw	2	c	30.41	+ .13	41	40	+ 2	hsw	3	0	3	45	38	-	
York .....	30.32	46	ssw	1	0	30.40	+ .13	43	40	+ 4	sw	2	c	*	47	38	-	
Loughborough .....	30.37	46	hsw	2	0	30.43	+ .12	36	35	- 6	sse	1	bmw	*	49	33	-	
Ardrossan .....	30.21	48	ssw	3	op	30.25	+ .10	46	46	- 1	s	2	0	2	48	46	-	
Malin Head .....	30.16	48	ssw	4	0	30.16	+ .05	44	44	- 3	ssw	3	m	3	49	44	-	
Mullaghmore .....	30.17	50	ssw	5	om	30.16	+ .04	49	46	- 1	s	5	bc	4	50	46	-	
Belmullet .....	30.16	48	ssw	4	0	30.12	+ .00	45	43	- 4	sl	3	c	*	49	44	-	
Donaghadee .....	30.27	47	hsw	2	c	30.27	+ .08	45	44	0	sw	2	0	0	49	44	-	
Barrow-in-Furness .....	30.30	46	sw	3	0	30.35	+ .11	42	41	- 4	s	4	bc	*	47	41	-	
Liverpool (Bidston) .....	30.35	47	sw	1	0	30.39	+ .11	37	36	- 10	sse	3	b	3	50	37	-	
Holyhead .....	30.33	49	sw	3	om	30.34	+ .06	44	43	- 4	s	4	cqm	3	49	39	-	
Parsonstown .....	30.26	47	sw	1	bc	30.24	- .01	44	42	- 4	se	1	b	*	51	43	-	
Valencia .....	30.21	50	sse	5	ogm	30.14	- .09	50	49	- 1	se	8	cu	1	53	48	-	
Roche's Point .....	30.27	49	s	5	0	30.24	- .03	49	47	0	ssw	5	0	5	50	48	-	
Pembroke .....	30.37	49	s	4	c	30.38	+ .04	46	44	- 3	s	5	bc	4	50	45	-	
Scilly .....	30.34	49	s	5	c	30.31	- .05	49	46	0	sse	7	c	6	50	47	-	
Prawle Point .....	30.43	47	s	2	b	30.43	+ .03	46	43	- 3	sse	2	b	2	52	44	-	
Hurst Castle .....	30.43	45	hsw	1	om	30.45	+ .06	43	43	- 2	ene	1	f	0	47	39	0.01	
Dungeness .....	30.42	45	W	0	e	30.47	+ .11	46	46	+ 3	W	0	f	0	47	41	-	
London .....	30.42	45	sw	1	of	30.47	+ .08	41	40	- 1	W	1	cqm	*	48	40	-	
Oxford .....	30.44	44	sw	2	0	30.47	+ .08	37	37	- 6	sw	1	cf	*	46	36	-	
Cambridge .....	30.41	43	20	0	0	30.47	+ .11	40	40	- 1	20	0	c	*	50	39	-	
Yarmouth .....	30.37	44	hsw	2	cm	30.45	+ .14	43	42	+ 3	W	1	bef	3	45	39	-	
The Helder .....	30.37	42	W	1	c	30.43	+ .17	42	41	0	W	1	c	1	45	?	-	
Cape Gris Nez .....																		
Jersey .....	30.44	45	sw	2	ogm	30.46	+ .01	44	44	- 3	sse	2	cm	2	48	42	-	
Brest .....	30.41	44	sse	4	b	30.35	- .09	43	40	- 2	sse	5	b	4	48	39	-	
Lorient .....	30.46	40	sse	4	b	30.45	- .01	40	39	+ 1	sse	5	c	2	45	34	-	
Rochefort .....	30.47	37	ene	5	b	30.41	- .09	34	34	+ 2	E	7	m	2	43	?	-	
Biarritz .....	30.36	37	ene	3	b	30.28	- .11	28	27	+ 1	E	8	m	2	41	27	-	
Corunna .....	*	*	*	*	*													
Brussels .....	*	*	*	*	*													
Charleville .....	30.40	33	ssw	1	0	30.39	+ .06	34	34	0	s	1	0	*	?	32	-	
Paris .....	30.47	44	sw	4	0	30.51	+ .04	41	39	+ 1	s	1	of	*	*	*	-	
Lyons .....	30.43	36	hsw	5	0	30.44	- .02	32	32	0	hsw	1	m	*	39	31	-	
Toulon .....	30.23	45	E	4	0	30.32		44	42		E	4	0	2	46	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) or overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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Fred<sup>r</sup> Dangerfield With Love



# WEATHER CHARTS

For 8 a.m. on Tuesday, 15<sup>th</sup> December, 1885.

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(Explanation of Map)

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

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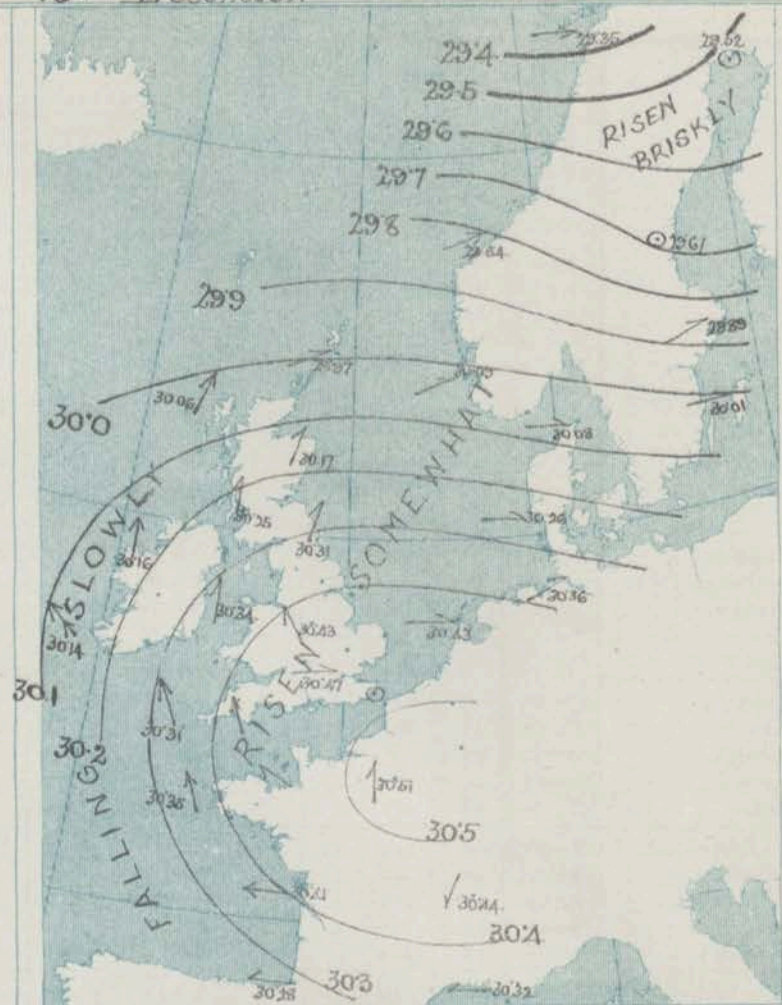
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at 8 a.m. for the month of December,  
 During the 10 Years 1871—1880.

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

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

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

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

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
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Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.8	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	41.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	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 Tuesday 15<sup>th</sup> December.

1885, at 8 a.m.

The anticyclone noticed over France yesterday has moved slowly, NE<sup>rd</sup>, and the barometer has continued to rise at all but our southwestern and the western French stations, where a slight fall has taken place. Light or moderate S<sup>th</sup> or SW<sup>th</sup> breezes prevail on our north and east coasts, but in the extreme southwest the wind is strong to a gale from the SE<sup>rd</sup>, while in the west of France it is chiefly E<sup>th</sup>. The weather is rainy in the west of Norway, but generally fair elsewhere, fog or mist, is, however, prevalent at our central and southern stations as well as in France. Rain fell yesterday in the Shetlands and Hebrides, but in other parts of the Kingdom the weather was dry. Temperature has fallen a little in most places, and readings now range from 50° at Valencia to 36° at Loughborough. The sea is high at Valencia, and rather rough on our extreme southwestern and northern coasts generally.

The fall of the barometer in the southwest is likely to cause an increase in the steepness of the southeasterly gradients, with rain at several of our southwestern stations.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 11<sup>th</sup> Inst. a fresh gale from SW veering to W. was experienced in Lat. 43° N. Long. 53° W. the barometer at 10 am falling to a minimum of 29.9 ins.

# FORECASTS

For the 24 hours ending at NOON on 16<sup>th</sup> DECEMBER 1885.

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

## DISTRICTS.

## FORECASTS.

1 { SCOTLAND NORTH	SW <sup>th</sup> and S <sup>th</sup> winds, fresh; cloudy some rain
1 { SCOTLAND EAST	S <sup>th</sup> and SW <sup>th</sup> winds, light; fair generally.
2 { ENGLAND N.E.	D° D° D°
3 { ENGLAND EAST	Same as No 5
4 { MIDLAND COUNTIES	Same as No 5
5 { ENGLAND SOUTH	Variable breezes, finally SE <sup>th</sup> ; fair generally.

## DISTRICTS.

## FORECASTS.

6 { SCOTLAND WEST	S <sup>th</sup> and SE <sup>th</sup> winds, moderate; cloudy.
7 { ENGLAND N.W.	SE <sup>th</sup> winds, freshening considerably; fair generally.
8 { ENGLAND S.W.	SE <sup>th</sup> strong winds and gales; fair to cloudy and some rain.
9 { IRELAND NORTH	Same as No 7.
10 { IRELAND SOUTH	Same as No 8.

## WARNINGS

The south cone was hoisted this morning in districts 8, 10 and part of 7.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.00	46	45	frsh	2	0	4	Holyhead	30.31	49	48	SW	3	0 m	2
Sumburgh Head	29.80	48	46	frsh	5	0	5	Valencia	30.21	51	50	SSE	5	0 g m	5
Stornoway	29.92	50	50	SSW	5	0 g	5	Scilly	30.36	49	46	S	5	0	5
Aberdeen	30.04	46	44	SSW	3	c	2	Dungeness	30.37	47	46	Z	0	c	0
Shields	30.22	51	46	SW	2	c	2	London	30.41	48	46	Z	0	fg	*
Ardrossan	30.17	47	47	SSW	3	0	3	Yarmouth	30.35	45	43	H	2	cm	3
Malin Head	30.12	48	48	SSW	4	0	4	Jersey	30.44	47	47	frsh	3	0	3
Mullaghmore	30.15	50	48	SSW	5	0 m	5	Rochefort	30.49	42	39	ENE	4	b	2
Belmullet	30.13	49	47	SSW	4	0 g	*								

## REMARKS.

The barometer continues to rise at all stations excepting Sumburgh Head, Valencia, and Rochefort, where a slight fall is reported. No important change has occurred in the winds or weather; fog and gloom prevail in London. The sea is rather rough in the extreme southwest, west, and north, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Wednesday 16<sup>th</sup> December 1885.

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.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12.)				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)			Max.	Min.			
Haparanda	29.46	25	W	2	b	29.75	+ .23	21	19	—	1	W	2	b	*	30	21	—	
Hernösand	29.97	33	SSW	2	b	30.06	+ .39	30	28	—	1	Z	0	o	*	37	28	—	
Stockholm	30.06	37	Z	0	c	30.10	+ .21	33	33	—	6	E	2	c	*	41	30	—	
Wisby	30.06	39	W	2	b	30.09	+ .08	40	40	+ 2	2	WSW	4	o	*	41	34	—	
Bodö	?	40	?	6	r	29.79	+ .144	32	31	—	0	W	4	bc	2	?	28	—	
Christiansund	30.10	37	WNW	2	r	29.87	+ .03	33	32	—	8	E	3	s	4	39	30	—	
Skudesnaes	30.16	45	WSW	4	r	29.98	— .11	44	43	—	2	S	7	r	4	46	?	—	
Oxö (Åtlandsund)	30.17	45	WSW	4	m	30.10	+ .03	43	42	—	2	SW	7	f	3	46	43	—	
Skagen (The Skaw)	30.17	40	W	4	f	30.16	+ .08	41	40	+ 1	1	W	4	o	3	43	39	—	
Fanö	30.29	40	WSW	2	c	30.24	+ .08	44	40	+ 1	1	WSW	4	c	*	43	39	—	
Cuxhaven	30.43	37	WSW	2	f	30.49	+ .13	38	38	—	1	WSW	2	m	*	41	36	—	
† Sumburgh Head	30.04	46	WSW	4	r	29.64	— .33	46	46	—	2	WSW	4	r	4	48	42	0.67	
† Stornoway	30.05	47	SSW	5	om	29.67	— .39	52	52	+ 4	4	SSW	7	og	6	52	45	0.24	
Wick	30.08	48	Z	0	o	29.73	— .37	48	46	+ 1	1	SW	5	ow	3	49	43	0.08	
Nairn	30.10	47	Z	0	o	29.79	— .33	51	48	+ 4	4	SW	4	b	2	51	45	—	
† Aberdeen	30.14	43	SSW	1	c	29.91	— .26	49	47	+ 10	10	SSW	6	og	2	50	38	—	
Leith	30.24	46	W	3	c	30.00	— .24	52	49	+ 6	6	W	4	c	*	53	45	—	
† Shields	30.30	42	SW	2	bm	30.14	— .17	45	43	—	1	S	4	c	2	47	39	—	
† Spurn Head	30.40	40	SSW	3	f	30.35	— .06	39	38	—	2	SSW	4	c	4	46	37	—	
York	30.38	39	S	1	b	30.31	— .09	36	35	—	7	S	1	bc	*	45	34	—	
Loughborough	30.43	40	SW	2	b	30.44	— .02	38	37	+ 2	2	SSE	2	ow	*	47	32	—	
† Ardrossan	30.22	47	SSW	4	o	30.01	— .24	47	47	+ 1	1	S	5	r	5	48	46	0.21	
Malin Head	30.08	46	SSW	6	o	29.92	— .24	52	52	+ 8	8	SSW	7	ow	4	53	43	—	
† Mullaghmore	30.08	49	SSW	7	o	30.00	— .16	53	52	+ 4	4	SSW	7	ow	5	54	45	0.02	
Belmullet	30.05	48	S	5	ow	30.02	— .10	52	52	+ 7	7	SW	6	ow	*	52	44	0.05	
Donaghadee	30.26	44	S	2	bc	30.11	— .16	47	47	+ 2	2	SSW	5	o	3	49	43	0.02	
Barrow-in-Furness	30.37	40	SE	3	b	30.27	— .06	39	38	—	3	SE	4	o	*	45	36	—	
Liverpool (Bidston)	30.38	38	SE	3	b	30.30	— .09	45	42	+ 8	8	S	2	bc	3	46	35	—	
† Holyhead	30.33	48	SSW	5	og	30.27	— .07	47	46	+ 3	3	SSW	6	rmq	5	48	40	—	
Parsonstown	30.22	48	SW	2	o	30.24	— .02	53	51	+ 9	9	SSW	1	og	*	53	42	0.02	
† Valencia	30.13	51	SE	8	omg	30.21	+ .07	54	54	+ 4	4	SSW	7	ow	6	55	49	0.26	
Roche's Point	30.26	50	S	6	o	30.26	+ .02	51	51	+ 2	2	SSW	5	rm	5	51	48	0.10	
Pembroke	30.37	48	SSW	4	o	30.39	+ .01	47	46	+ 1	1	S	5	of	4	48	45	—	
† Scilly	30.34	48	S	5	c	30.35	+ .07	49	47	0	0	S	5	c	5	50	46	—	
† Prawle Point	30.44	45	SSE	3	b	30.47	+ .04	45	44	—	1	SSW	3	c	3	49	44	—	
Hurst Castle	30.47	44	SSE	1	bm	30.49	+ .04	44	43	+ 1	1	SSW	3	b	1	50	42	—	
† Dungeness	30.48	45	SW	3	b	30.51	+ .04	44	43	—	2	SW	3	b	2	48	43	—	
† London	30.49	43	S	1	b	30.5	+ .04	33	33	—	8	S	1	b	*	52	32	—	
Oxford	30.48	41	S	2	b	30.48	+ .01	36	36	—	1	S	3	bc	*	51	34	—	
Cambridge	30.48	37	Z	0	b	30.45	— .02	35	35	—	5	S	1	o	*	51	30	—	
† Yarmouth	30.46	43	SSW	2	b	30.46	+ .01	38	37	—	5	SSW	3	b	3	47	36	—	
The Helder	30.49	43	WSW	1	c	30.50	+ .07	35	35	—	7	SSW	1	b	1	45	36	—	
Cape Gris Nez	30.45	44	S	1	b	30.49	+ .07	37	37	—	6	S	1	b	1	48	37	—	
† Jersey	30.45	45	SE	3	b	30.50	+ .06	37	35	—	6	SSE	3	m	3	47	36	—	
Brest	30.41	44	SSE	5	b	30.47	+ .12	42	40	—	1	SSE	4	m	4	50	39	—	
Lorient	30.41	41	ESE	5	b	30.50	+ .05	36	35	—	4	ESE	3	m	2	46	30	—	
† Rochefort	30.41	37	E	5	b	30.50	+ .09	35	34	+ 1	1	E	5	o	2	41	28	—	
Biarritz	30.30	41	E	4	b	30.40	+ .12	43	40	+ 15	15	Z	0	o	1	43	?	—	
Corunna	*	*	*	*	*													—	
Brussels	*	*	*	*	*	30.58	+ .08	33	33	—	6	Z	0	f	*	45	32	—	
Charleville	30.43	36	S	1	o	30.46	+ .07	29	28	—	5	S	4	b	*	42	28	—	
Paris	30.50	44	NNE	3	b	30.57	+ .08	36	35	—	5	E	3	bf	*	*	*	—	
Lyons	30.49	33	NNW	1	o	30.53	+ .09	32	32	0	0	WNW	1	m	*	35	30	—	
Toulon	30.35	44	E	1	o	30.33	+ .01	43	39	—	1	E	1	bc	2	45	41	—	

## EXPLANATION OF COLUMNS

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

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

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

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



# WEATHER CHARTS

For 8 a.m. on WEDNESDAY, 16<sup>TH</sup> DECEMBER, 1885.

## 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.

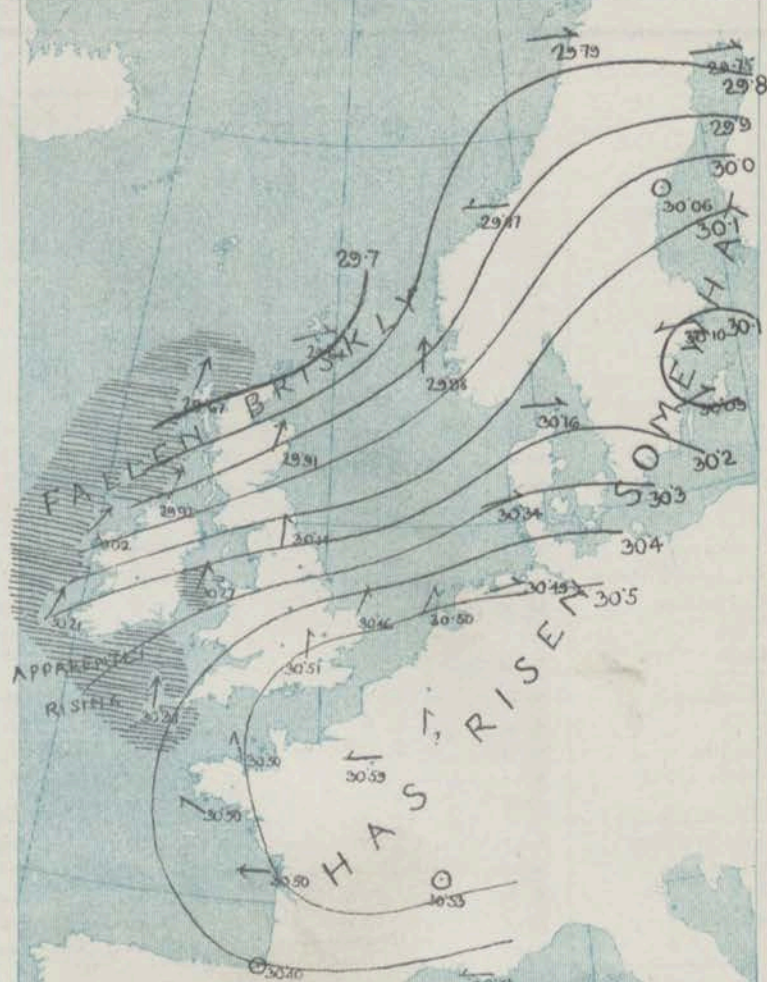
**Sea Disturbance** — where considerable is shown thus

■ = 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
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	29.858
Liverpool	29.882
Valencia	29.879
Roche's Point	29.889
Pembroke	29.897
Scilly	29.943
Burst Castle	29.938
Dover	29.942
LONDON	29.934
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902





# REMARKS.

For WEDNESDAY 16<sup>th</sup> DECEMBER 1885. at 8 a.m.

In the course of the past 24 hours the barometer has fallen decidedly on our northwestern and northern coast, while it has risen a little in the south and east, and as a result of this the readings this morning are highest (rather above 30.5 in.) over Central France and lowest off the north of Scotland - the gradients being somewhat steep. S<sup>W</sup> and S<sup>W</sup> winds prevail generally; they are light at our southern and eastern stations, but strong in the west and north, and have blown with the force of a gale at several of our most western and northern stations during the night. Temperature has fallen several degrees over England, but has risen in Ireland and Scotland. London is 21° colder than Valencia, and 19° colder than Stornoway. Thick hoar frost was formed in the neighbourhood of London last night. The sky is now clear in the south east, rather cloudy in the northeast, and overcast in the west and north. Some showers have fallen in the west, and a good deal of rain in the Shetlands & Hebrides. The sea is still somewhat rough in the Southwest, west and north, but is moderate to smooth elsewhere.

A depression which has advanced to our northern coast, is now passing northeastwards towards Norway, and the barometer is rising again at our southwestern stations. At present there is no decided indication of the advance of any new disturbance, but as the S<sup>W</sup> wind is still very strong in the west the signals have not yet been lowered.

## FORECASTS

For the 24 hours ending at NOON on 17<sup>th</sup> DECEMBER 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	S <sup>W</sup> winds, strong to moderate; changeable, some showers, with bright intervals.	6 { SCOTLAND WEST	Same as N <sup>o</sup> 0.
7 { SCOTLAND EAST	S <sup>W</sup> breezes, moderating; fair as a whole.	7 { ENGLAND N. W.	Same as N <sup>o</sup> 0.
2 { ENGLAND N. E.	-----D-----D-----D-----	8 { ENGLAND S. W.	S <sup>W</sup> breezes, fresh; some showers.
3 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	S <sup>W</sup> and S <sup>W</sup> winds, strong to moderate; rain at times.
4 { MIDLAND COUNTIES	Same as N <sup>os</sup> 1 and 2.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	S <sup>W</sup> breezes, moderate or fresh; fair generally. Cold at night, with some fog.	WARNINGS	The SOUTH CONE was hoisted yesterday in districts 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, and part of 7.



# 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	30.14	46	45	WSW	4	rf	3	Holyhead	30.32	47	45	S	5	b	3
Sumburgh Head	30.03	46	46	WSW	6	0	6	Valencia	30.14	51	50	SE	8	om	7
Stornoway	30.06	47	47	SSW	6	om	6	Scilly	30.34	49	46	S	7	c	6
Aberdeen	30.15	45	44	SSW	1	b	1	Dungeness	30.47	47	46	SW	2	c	1
Shields	30.10	47	44	SSW	2	bm	2	London	30.48	52	45	SSE	3	b	*
Ardrossan	30.24	47	46	SSW	3	0	2	Yarmouth	30.46	46	45	W	1	bm	2
Malin Head	? 30.17	46	46	SSW	6	c	3	Jersey	30.43	46	43	ESE	3	b	3
Mullaghmore	30.14	49	46	SSE	5	c	4	Rocheport	30.40	39	37	E	5	0	2
Belmullet	30.09	49	46	S	3	c	*								

## REMARKS.

The changes in pressure since the morning have been slight and irregular, but the barometer appears to be now falling somewhat decidedly in the north. The winds and weather are unaltered. The sea is high at Valencia, and rough on our extreme SW. and NW. coasts, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Thursday—17<sup>th</sup> December 1885.

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

Issued by the Meteorological Office, No. 1, Northumberland Avenue, London, W.C.																		
† 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.		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	29.75	5	Z	0	c	29.67	-.08	5	5	-16	Z	0	c	*	25	3	-	
Hernösand	29.74	30	Z	0	o	29.91	-.15	31	28	+1	Z	0	o	*	34	28	0.04	
Stockholm	29.69	38	WSW	2	n	29.85	-.25	33	32	0	?	2	o	*	39	32	0.32	
Wisby	29.85	39	SW	6	n	29.80	-.29	40	40	0	N	4	o	*	43	34	0.55	
Bodo	29.71	26	E	2	bc	29.78	-.01	30	28	-2	WNW	4	bc	2	82	25	-	
Christiansund	29.67	36	E, NE	8	o	30.10	+.23	36	34	+3	SSW	2	o	4	36	30	0.35	
Skudesnaes	29.69	46	W	6	n	30.13	+.15	43	41	-1	WNW	6	o	4	46	?	-	
Oxö (Åthausund)	29.70	45	SW	8	n	30.00	-.10	45	43	+2	WSW	4	c	4	45	?	0.20	
Skagen (The Skaw)	29.76	43	WSW	4	o	29.94	-.22	39	39	-2	NNE	2	f	2	43	?	0.12	
Famö	30.01	42	SW	6	o	30.10	-.24	43	43	+2	W	4	o	*	45	41	0.24	
Cuxhaven	30.39	39	SW	5	n	30.20	-.29	43	43	+5	WNW	4	f	*	43	?	0.06	
Sumburgh Head	29.68	48	NW	6	o	30.13	+.49	45	44	-1	W	2	c	4	50	42	0.11	
Stornoway	29.99	47	W	4	om	30.21	+.54	46	45	-6	SW	4	o	4	53	43	0.04	
Wick	29.91	49	WNW	7	o	30.22	+.49	44	42	-4	Z	0	o	1	54	42	-	
Nairn	29.93	52	W	5	b	30.24	+.45	47	44	-4	W	2	o	2	56	45	-	
Aberdeen	29.94	55	WSW	4	b	30.28	+.37	38	37	-11	WSW	1	o	1	57	37	-	
Leith	30.06	52	W	5	c	30.33	+.33	50	49	-2	W	3	c	*	56	48	-	
Shields	30.13	57	SW	5	o	30.36	+.27	49	48	+4	WNW	2	c	2	57	43	-	
Spurn Head	30.28	46	SW	5	c	30.41	+.06	44	44	+5	WNW	3	c	2	48	39	-	
York	30.24	50	W	3	o	30.41	+.10	47	46	+11	W	2	c	*	63	35	-	
Loughborough	30.44	46	WSW	4	c	30.45	+.04	51	50	+13	W	2	o	g	52	37	-	
Ardrossan	30.15	50	WSW	5	bc	30.40	+.39	48	47	+1	SW	2	o	2	51	46	0.01	
Malin Head	30.19	49	W	5	fd	30.41	+.49	47	47	-5	SW	3	o	3	54	47	-	
Mullaghmore	30.26	50	WSW	5	om	30.41	+.41	48	47	-5	Z	0	c	2	56	47	-	
Belmullet	30.27	48	SW	3	o	30.42	+.40	48	48	-4	SSW	2	o	g	52	47	0.01	
Donaghadee	30.22	53	NW	5	bc	30.44	+.83	49	49	+2	W	2	c	o	56	46	-	
Barrow-in-Furness	30.25	48	SW	4	o	30.44	+.15	46	45	+7	SW	1	f	*	48	38	0.09	
Liverpool (Bidston)	30.28	51	SW	5	b	30.46	+.16	48	47	+3	W	3	o	3	52	45	0.02	
Holyhead	30.33	50	SSW	6	om	30.49	+.22	49	49	+2	SSW	3	om	3	50	42	0.01	
Parsonstown	30.33	55	SW	1	o	30.49	+.28	50	49	-3	Z	0	o	*	57	50	0.02	
Valencia	30.38	54	SE	1	om	30.49	+.28	50	50	-4	SE	2	o	g	55	49	0.02	
Roche's Point	30.38	50	WSW	3	f	30.48	+.22	50	50	-1	WSW	2	o	4	52	48	0.10	
Pembroke	30.44	49	SSW	4	f	30.51	+.12	49	49	+2	W	3	o	2	50	47	0.01	
Scilly	30.44	50	S	4	c	30.52	+.14	51	51	+2	SSW	1	o	3	53	47	0.01	
Prawle Point	30.54	45	SW	3	o	30.55	+.08	49	49	+4	SW	1	o	3	49	42	0.01	
Hurst Castle	30.51	44	WSW	4	c	30.54	+.05	46	46	+2	WSW	1	f	2	46	43	0.02	
Dungeness	30.46	44	W	4	c	30.49	-.02	45	45	+1	W	3	o	m	48	41	-	
London	30.48	41	W	3	o	30.49	-.02	46	46	+13	SW	1	o	m	49	32	-	
Oxford	30.47	44	SW	3	o	30.50	+.02	47	46	+11	W	2	o	g	47	36	0.01	
Cambridge	30.41	41	S	2	o	30.47	+.02	47	47	+12	Z	0	o	*	48	34	-	
Yarmouth	30.36	42	WSW	3	bc	30.42	-.04	47	47	+9	WNW	3	bc	3	47	37	-	
The Helder	30.32	43	SW	5	c	30.34	-.16	44	43	+9	W	1	f	2	45	36	-	
Cape Gris Nez	30.54	38	SW	2	o	30.57	+.07	41	41	+3	SSW	1	f	1	41	37	-	
Jersey	30.54	42	S	1	o	30.51	+.04	40	40	-2	SW	1	m	5	48	36	-	
Brest	30.56	42	S	1	o	30.51	+.04	40	40	-2	SW	1	m	5	48	36	-	
Lorient	30.57	35	ESE	3	c	30.56	+.06	30	29	-6	E	3	f	2	43	27	-	
Rocheport	30.55	37	NE	4	b	30.57	+.07	35	34	0	E, NE	4	m	3	39	30	-	
Biarritz	30.47	44	Z	0	b	30.41	+.01	39	37	-4	S	1	o	2	48	37	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
Brussels	*	*	*	*	*	30.47	-.11	37	37	+4	SW	1	n	*	43	?	0.04	
Charleville	30.48	32	S	1	b	30.47	-.01	31	31	+2	SW	4	o	*	44	27	-	
Paris	30.57	40	ESE	1	f	30.61	+.02	29	28	-7	S	1	f	*	*	*	-	
Lyons	30.60	34	ESE	1	o	30.57	+.04	32	31	0	N	4	n	*	36	31	-	
Toulon	30.42	47	NW	3	b	30.24	-.09	44	39	+1	E	7	b	2	50	41	-	

## EXPLANATION OF COLUMNS.

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

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

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

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

Printed by George and John, London.



# WEATHER CHARTS

For 8 a.m. on Thursday, 17<sup>th</sup> December, 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

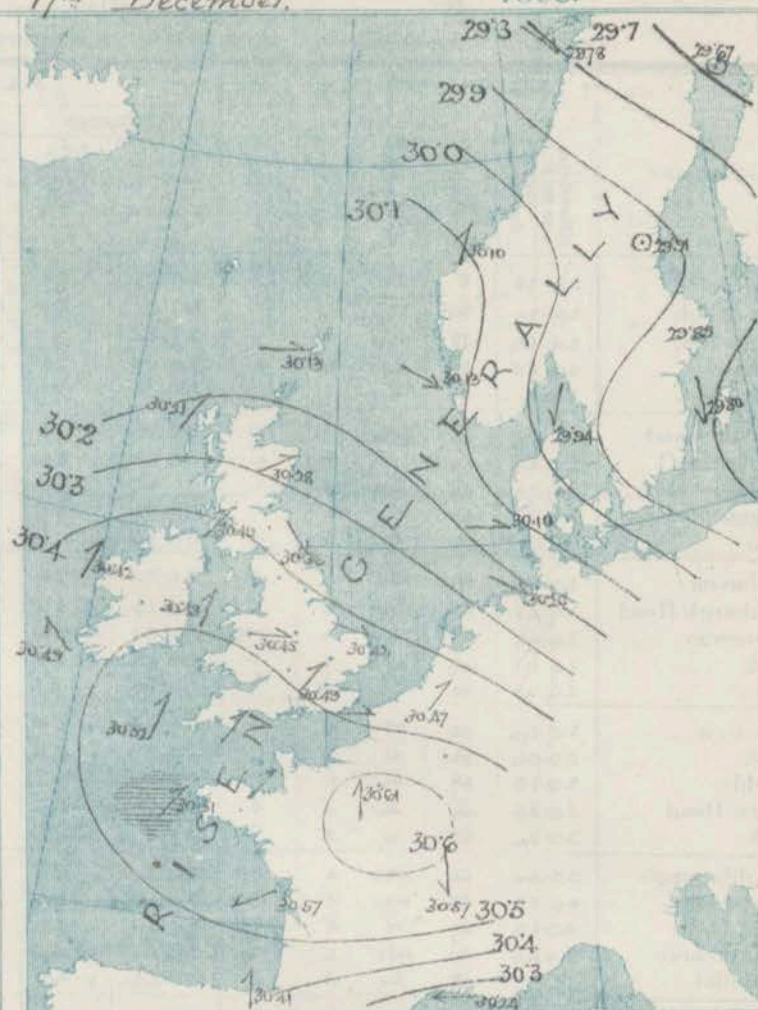
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 — = forces above 10; — = forces 8 to 10;  
 — = forces 5 to 7; — = 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 In.
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
Holyhead	29.858
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





# REMARKS.

for Thursday 17<sup>th</sup> December 1885 at 8 a.m.

The large depression which lay to the northward of our Islands yesterday has passed away in an E<sup>th</sup> direction, and the barometer has risen generally. The anticyclone recently noticed over France has extended northwards over our southern stations, but the rise of the barometer on our south-west coasts is at present very slight. The wind is light or moderate generally; at some of the Scandinavian stations it has veered to the NW<sup>th</sup>, but over Great Britain it is SW<sup>th</sup> or W<sup>th</sup>, while at Valencia it has shifted to the SE<sup>th</sup>. A strong gale from WNW. was experienced at Kiel yesterday. The weather is fair in the north and east, but fog prevails at our western, southern, and many of the French stations. Slight rain fell yesterday in the west and south of our Islands. Temperature has fallen a little in Ireland and Scotland, but risen several degrees over England; readings now range from 51° at Loughborough and Selly to 38° at Aberdeen. The maxima registered over the western and northern parts of the Kingdom yesterday were very high for the time of year; at Aberdeen, Shields and Parsonstown the thermometer rose to 57°. The sea is moderate to smooth.

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

## FORECASTS

For the 24 hours ending at NOON on 18<sup>th</sup> December. 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SW <sup>th</sup> and W <sup>th</sup> winds, light or moderate; fair generally.	6 SCOTLAND WEST	SW <sup>th</sup> winds, light or moderate; fair generally, but local fogs.
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N. W.	-----D°-----D°-----D°-----
3 ENGLAND N. E.	-----D°-----D°-----D°-----	8 ENGLAND S. W.	S <sup>th</sup> and SE <sup>th</sup> winds, freshening; cloudy, some fog and perhaps rain.
4 ENGLAND EAST	W <sup>th</sup> to SW <sup>th</sup> winds, light or moderate; cloudy, some fog or mist.	9 IRELAND NORTH	Same as No 6
5 MIDLAND COUNTIES	-----D°-----D°-----D°-----	10 IRELAND SOUTH	Same as No 8.
6 ENGLAND SOUTH	SW <sup>th</sup> and S <sup>th</sup> winds, light; dull, some fog or mist.	WARNINGS	The south cone has been lowered this morning in districts 0.6 and 9



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnæs	29.79	45	44	S	6	n f	5	Holyhead	30.29	49	49	SSW	6	omg	6
Sumburgh Head	29.48	49	49	WSW	6	h	5	Valencia	30.32	53	53	SSW	4	om d	4
Stornoway	29.74	51	51	WSW	6	d	5	Scilly	30.44	52	50	S	4	e	4
Aberdeen	29.80	52	50	WSW	6	bc q	2	Dungeness	30.49	47	46	WSW	3	6	2
Shields	30.08	52	50	SSW	5	o	2	London	30.47	49	45	SSW	3	bc	*
Ardrossan	30.07	50	49	SW	5	h	4	Yarmouth	30.40	43	41	SW	4	cm	3
Malin Head	30.06	49	49	SSW	5	o	5	Jersey	30.53	39	39	SSW	2	o	2
Mullaghmore	30.14	52	51	W	6	o	5	Rocheport	30.54	36	35	SSE	4	m	2
Belmullet	30.16	52	50	WSW	5	om	*								

## REMARKS.

The barometer is rising again in the west and northwest, and at Stornoway and Mullaghmore the wind has veered to the N<sup>W</sup>. On our east and southeast coasts, however, the mercury continues to fall and the wind remains S<sup>W</sup><sup>4</sup>. Rain is falling at some of our western and northern stations, but in the east and south fair weather is reported. The sea is rough at Holyhead, rather rough on our north and north west coasts.



# DAILY WEATHER REPORT

for *Friday* 18<sup>th</sup> December 1885.

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.		Sta. (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	30.08	3	2	0	b	30.28	+ .61	-3	-3	-8	2	0	b	*	10	?	-		
Hernösand	30.12	24	N	2	b	30.38	+ .47	9	9	-22	2	0	b	*	?	?	-		
Stockholm	30.24	28	NW	2	b	30.41	+ .56	23	22	-10	2	0	b	*	39	?	-		
Wisby	30.10	85	NW	6	c	30.33	+ .53	32	30	-7	N	4	b	*	43	32	-		
Bodö	30.13	27	ESE	2	b	30.11	+ .33	26	24	-4	ESE	4	0	2	30	28	-		
Christiansund	30.20	37	ESR	2	0	30.14	+ .04	44	42	+8	SW	3	0	4	45	?	0.04		
† Skudesnaes	30.30	43	ESE	2	0	30.38	+ .25	43	43	0	ESE	2	h	4	?	43	-		
Oxö (Xtiansund)	30.30	40	RNE	2	0	30.38	+ .38	35	34	-10	N	2	f	2	45	34	-		
Skagen (The Skaw)	30.34	38	2	0	b	30.39	+ .45	38	37	-1	2	0	0	0	41	37	0.04		
Fanö	30.33	41	NW	4	0	30.43	+ .33	38	38	-5	2	0	m	*	43	37	-		
Cuxhaven	30.31	41	NW	4	f	30.45	+ .25	38	38	-5	NW	2	f	*	?	36	-		
† Sumburgh Head	30.18	45	W	4	0	30.27	+ .14	46	46	+1	W	4	0	4	59	43	0.01		
† Stornoway	30.29	49	SSW	5	b	30.29	+ .08	47	47	+1	SSW	4	om	4	49	44	-		
Wick	30.30	49	2	0	b	30.31	+ .09	48	47	+4	S	1	b	0	53	42	-		
Nairn	30.33	46	W	2	b	30.34	+ .10	46	43	-1	2	0	b	1	53	44	-		
† Aberdeen	30.34	45	hsw	1	b	30.37	+ .09	37	36	-1	hsw	1	b	1	51	36	-		
Leith	30.42	51	W	2	c	30.42	+ .00	42	42	-8	W	1	of	*	52	41	-		
† Shields	30.43	48	W	3	b	30.45	+ .09	38	38	-11	SW	1	f	2	51	37	-		
Spurn Head	30.45	41	hsw	2	b	30.48	+ .07	41	41	-3	hsw	1	f	2	45	30	-		
York	30.47	44	W	1	b	30.49	+ .08	41	41	-6	ESE	1	f	*	51	36	0.02		
Loughborough	30.49	47	W	1	b	30.50	+ .05	43	43	-8	SSE	1	fd	*	52	38	0.01		
† Ardrossan	30.46	48	SW	2	om	30.43	+ .03	44	44	-4	S	2	0	2	48	43	0.01		
Malin Head	30.43	48	S	3	bm	30.34	- .04	43	43	-4	S	3	bc	2	53	43	-		
Mullaghmore	30.45	45	S	1	b	30.33	- .08	48	47	0	S	5	cm	4	52	44	-		
Belmullet	30.43	50	SW	3	c	30.31	- .11	46	46	-2	SE	1	b	*	50	46	-		
Donaghadee	30.49	48	W	1	0	30.44	- .00	46	46	-3	SSW	2	0	0	50	44	0.03		
Barrow-in-Furness	30.49	45	NW	2	f	30.46	+ .02	43	43	-3	ESE	1	fd	*	46	42	0.05		
Liverpool (Bidston)	30.50	47	NW	1	m	30.45	- .01	44	43	-4	ESR	3	f	3	48	43	0.04		
† Holyhead	30.50	49	SSW	2	m	30.45	- .04	45	45	-4	2	0	m	0	50	39	0.02		
Parsonstown	30.49	50	2	0	f	30.39	- .12	46	45	-4	2	0	om	*	52	45	-		
Valencia	30.47	53	SE	3	0	30.28	- .21	47	47	-3	SE	6	b	6	54	45	0.01		
Roche's Point	30.48	49	SSW	2	f	30.37	- .11	49	49	-1	SSW	4	f	4	53	48	0.05		
Pembroke	30.51	50	SW	1	0	30.42	- .09	45	45	-4	SE	2	f	1	50	44	0.02		
† Scilly	30.51	50	2	0	0	30.37	- .15	49	48	-2	SE	5	om	5	52	47	0.02		
Prawle Point	30.52	50	hsw	1	f	30.46	- .09	47	47	-2	ESE	3	f	3	50	45	0.03		
Hurst Castle	30.52	48	2	0	fd	30.49	- .05	45	45	-1	E	1	fd	1	50	44	0.04		
† Dungeness	30.49	48	NW	1	f	30.47	- .02	46	46	+1	NW	1	f	2	49	44	0.02		
† London	30.55	49	NW	1	0	30.51	+ .02	47	46	+1	ESE	1	adm	*	51	45	0.02		
Oxford	30.53	48	2	0	0	30.50	- .00	45	45	-2	ESE	1	oga	*	49	45	0.02		
Cambridge	30.50	49	2	0	0	30.51	+ .04	48	48	+1	2	0	om	*	51	42	-		
† Yarmouth	30.40	48	NW	1	f	30.50	+ .08	43	42	-4	NW	1	ogm	3	49	40	-		
The Helder	30.45	43	NW	1	0	30.49	+ .15	43	42	-1	NW	1	0	1	45	43	-		
Cape Gris Nez	30.47	46	NW	1	f	30.51	-	46	46	-	E	1	f	1	50	43	-		
† Jersey	30.52	45	W	1	0	30.43	- .14	45	45	+4	E	3	om	3	47	40	0.03		
Brest	30.50	38	E	1	b	30.40	- .11	45	43	+5	SE	4	f	5	?	34	-		
Lorient	30.52	37	E	3	b	30.42	- .14	43	42	+13	ESE	7	m	3	?	27	-		
† Rochefort	30.50	37	ESE	5	b	30.34	- .23	41	40	+6	ESE	7	b	2	41	30	-		
Biarritz	30.39	37	E	1	f	30.25	- .16	29	28	-10	E	1	f	1	45	37	-		
Corunna	*	*	*	*	*	30.28	+ .20	39	38	-3	ESR	3	m	3	61	37	-		
Brussels	*	*	*	*	*	30.50	+ .03	41	41	+4	NE	?	?	*	45	?	0.04		
Charleville	30.45	33	SW	1	0	30.42	- .05	34	34	+3	S	1	0	*	35	?	-		
Paris	30.56	36	SSW	4	f	30.49	- .12	43	42	+14	2	0	0	*	*	*	-		
Lyons	30.51	32	NE	1	bc	30.38	- .19	35	35	+3	NW	1	m	*	37	32	-		
Toulon	30.20	46	NW	3	c	30.19	- .05	46	40	+2	E	5	bc	2	54	41	-		

## EXPLANATION OF COLUMNS

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

\* 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. Dyer, Ltd. London



# WEATHER

# CHARTS

For 8 a.m. on Friday 18<sup>th</sup> December 1885.

## BAROMETER, WIND & SEA.

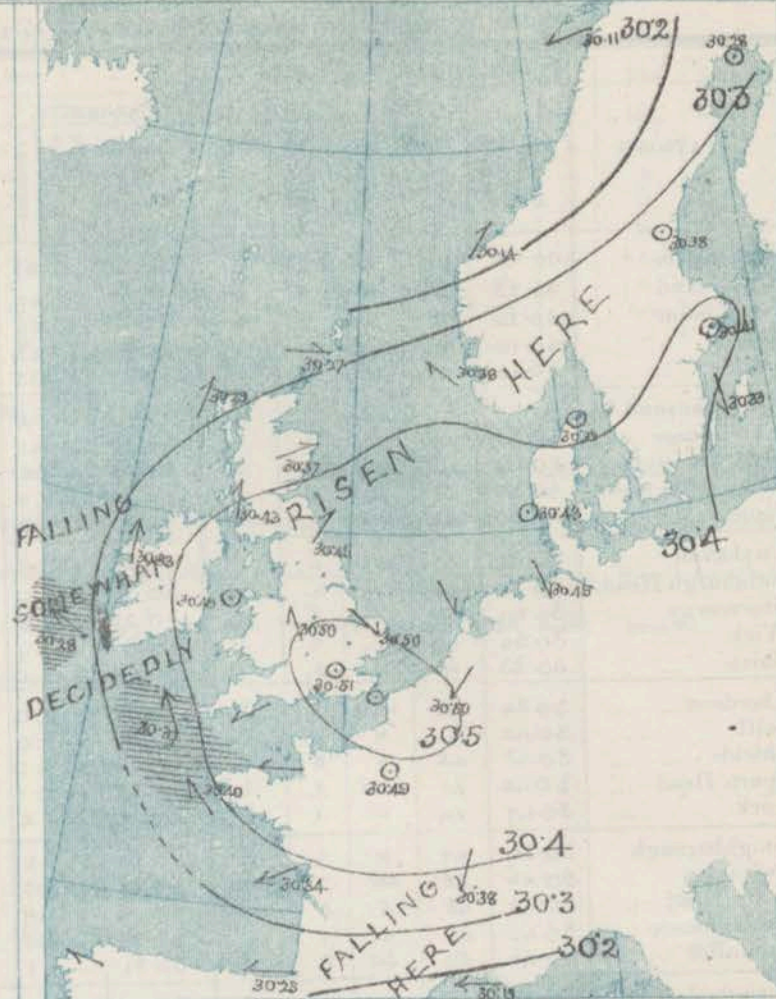
(Explanation of Map)

**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
Holyhead	29.858
Liverpool	29.883
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.

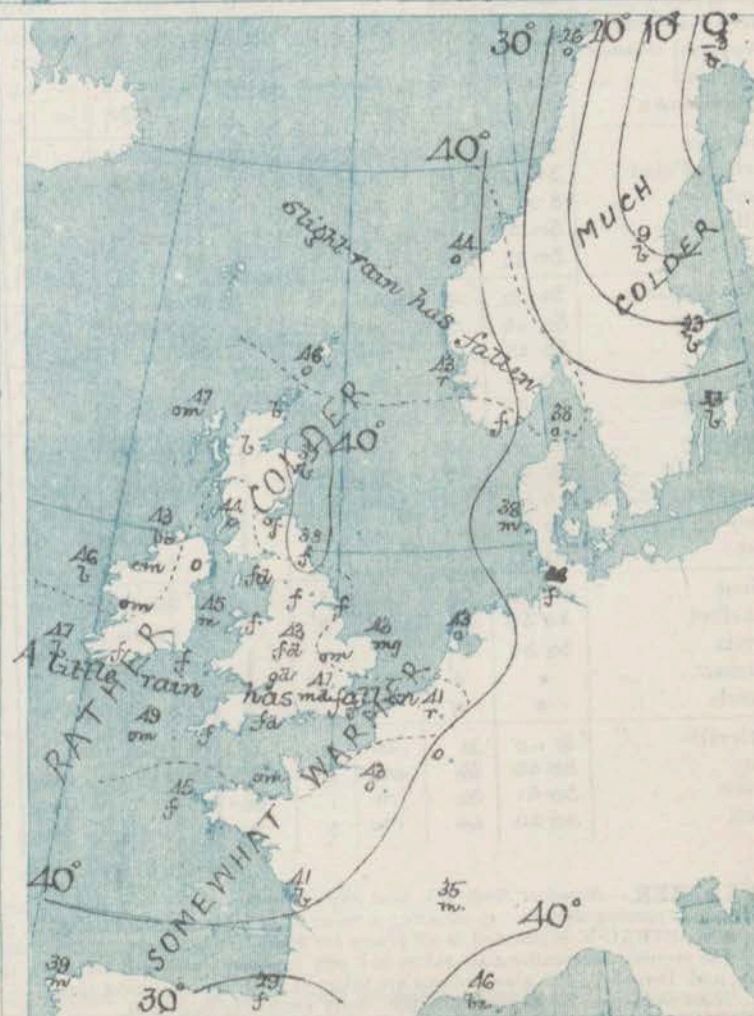
**Temperature** — Isotherms are drawn for each 10° Changes since previous morning are stated in words.  
**Weather** — is shown by Letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more,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

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min	At 8 a.m. Dry	At 8 a.m. Wet	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.96
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	49.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	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 Friday 18<sup>th</sup> December

1885. at 8 a.m.

The anticyclone recently noticed over France has moved northwards to our south-east coasts, and the barometer has continued to rise in the north and east of our Islands, as well as on the eastern shores of the North Sea. At our south-western and the French stations, however, a somewhat decided fall has set in during the night. Light S<sup>W</sup> or SW<sup>W</sup> breezes are still reported on our north and north-east coasts, but in the south the wind has shifted to the E<sup>W</sup>, while in the south-west it is freshening from the SE<sup>W</sup>. The weather is fine in Sweden, Scotland, and the north of Ireland, but cloudy or overcast elsewhere, with fog over the greater part of England, and also in the north of France. Slight rain fell yesterday over England and Ireland. Temperature has risen a little in France and the extreme south-east of England, but fallen elsewhere; readings now range from 49° at Rocherpoint and Sully, to 37° at Aberdeen. The maxima registered yesterday were above 50° in most parts of the Kingdom. The sea is rough at Valencea, rather rough at the mouth of the Channel, moderate to smooth elsewhere.

The fall of the barometer in the south-west, will probably result in an increase of the SE<sup>W</sup> wind, but with this exception no important change is likely at present.

## FORECASTS

For the 24 hours ending at NOON on 19<sup>th</sup> December 1885.

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

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

1 { SCOTLAND  
NORTH

S<sup>W</sup> and SW<sup>W</sup> winds, moderate;  
fair generally.

2 { SCOTLAND  
EAST

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

3 { ENGLAND  
N E

Variable or E<sup>W</sup> airs; dull foggy.

4 { ENGLAND  
EAST

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

5 { MIDLAND  
COUNTIES

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

6 { ENGLAND  
SOUTH

E<sup>W</sup> winds, light; dull, some mist  
or fog.

6 { SCOTLAND  
WEST

S<sup>W</sup> winds, light; dull, some fog.

7 { ENGLAND  
N W

SE<sup>W</sup> winds, freshening; dull,  
misty.

8 { ENGLAND  
S W

SE<sup>W</sup> winds, increasing in force;  
dull, some mist and rain.

9 { IRELAND  
NORTH

Same as No 7.

10 { IRELAND  
SOUTH

Same as No 8

### 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	30.20	43	40	?	4	c	4	Holyhead	30.50	49	49	SSW	2	o m	2
Sumburgh Head	30.15	46	45	W	4	0	4	Valencia	30.46	54	53	SE	2	o m	3
Stornoway	30.28	49	48	SSW	4	6	4	Scilly	30.51	51	51	SW	1	o f	5
Aberdeen	30.30	46	44	W	1	6	1	Dungeness	30.48	49	49	W	2	m	2
Shields	30.39	51	49	W	3	6	2	London	30.50	51	50	SW	1	o f	*
Ardrossan	30.43	48	48	SSW	2	0	2	Yarmouth	30.43	48	47	WNW	3	c f	3
Malin Head	30.43	51	50	SW	2	6	2	Jersey	30.54	44	44	WSW	2	f	2
Mullaghmore	30.44	50	49	WNW	1	6	2	Rochefort	30.55	37	36	NE	5	0	2
Belmullet	30.43	49	49	SW	3	c	*								

## REMARKS.

The barometer is now falling a little on our extreme southwest coasts and also at Rochefort, but elsewhere it continues to rise slowly. Fine weather still prevails in the north, but fog or mist is reported in the south. The sea is rather rough at Scilly, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Saturday 19<sup>th</sup> December 1885.

*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 .....	29.99	44	ESE.	2	h	29.75	- .53	22	22	+ .25	2	0	0	•	?	-9	0.24		
Hernösand .....	30.04	31	S	4	h	30.06	- .32	44	42	+ .35	2	0	0	•	?	9	0.20		
Stockholm .....	30.36	31	W	2	D	30.19	- .22	35	35	+ 12	W	6	0	•	?	21	0.04		
Wisby .....	30.40	33	SW	4	C	30.25	- .08	38	36	+ 8	W	6	0	•	?	?	?		
Bodö .....	29.59	41	SW	8	h	29.81	- .30	42	41	+ 16	SW	8	h	•	?	?	1.74		
Christiansund .....	30.13	50	hsw	8	0	30.13	- .01	44	42	0	hsw	2	6	5	50	41	0.04		
Skudesnaes .....	30.44	44	SE	2	f	30.40	+ .02	41	41	- 2	SSE	4	h	4	45	?	-		
(Oxö (Xtiansund)) .....	30.43	42	hsw	1	f	30.40	+ .02	42	42	+ 7	hsw	4	f	2	?	?	-		
Skagen (The Skaw) .....	30.45	38	SW	2	0	30.36	- .04	39	39	+ 1	W	4	f	2	39	37	-		
Fanö .....	30.53	40	2	0	f	30.49	+ .06	36	36	- 2	SW	1	f	•	41	36	0.04		
Cuxhaven .....	30.54	38	W	21	f	30.56	+ .11	38	38	0	S	2	f	•	40	36	-		
Sumburgh Head .....	30.25	45	2	0	C	30.11	- 1.6	43	42	- 3	S	4	m	3	49	41	0.02		
Stornoway .....	30.22	47	SW	4	Om	30.07	- .22	46	44	- 1	SSW	5	Om	5	48	44	-		
Wick .....	30.25	50	S	1	b	30.12	- .19	44	43	- 4	S	3	b	3	52	41	-		
Nairn .....	30.27	40	2	0	b	30.11	- .23	40	38	- 6	2	0	b	1	49	35	-		
Aberdeen ...	30.33	40	S	4	b m	30.24	- .13	37	37	0	SSW	2	f	1	45	34	0.02		
Leith .....	30.42	43	W	1	f	30.24	- .18	37	37	- 5	W	1	of	•	43	33	-		
Shields .....	30.42	38	SW	1	b	30.30	- .15	43	42	+ 5	S	3	0	2	43	36	-		
Spurn Head .....	30.48	42	SSE	2	0	30.36	- .12	39	39	- 2	SE	4	0	3	43	39	-		
York .....	30.48	42	S	1	f	30.35	- .14	41	40	0	SSE	1	m	•	44	38	-		
Loughborough .....	30.48	43	hsw	1	0	30.33	- .14	40	40	- 3	E	2	ogm	•	44	39	0.01		
Ardrossan .....	30.38	44	2	0	of	30.21	- .22	43	42	- 1	SSE	3	Om	2	44	40	-		
Malin Head .....	30.25	47	S	3	bc	30.09	- .25	44	43	+ 1	SSE	3	0	2	49	43	-		
Mullaghmore .....	30.23	49	SE	4	C	30.06	- .27	47	44	- 1	S	5	C	4	55	45	-		
Belmullet .....	30.16	48	SE	6	b	30.01	- .30	47	46	+ 1	S	3	Cg	•	52	44	-		
Donaghadee .....	30.38	44	S	3	h	30.20	- .24	45	44	- 1	S	2	C	0	46	42	0.02		
Barrow-in-Furness .....	30.41	41	ESE	2	f	30.25	- .21	41	40	- 2	SE	4	bc	•	43	39	0.02		
Liverpool (Bidston) .....	30.41	43	ESE	5	f	30.26	- .19	40	39	- 4	ESE	5	0	4	44	40	-		
Holyhead .....	30.39	42	2	0	f	30.22	- .23	37	37	- 8	2	0	f	0	46	33	0.01		
Parsonstown .....	30.29	48	SSE	1	0	30.09	- .28	45	43	- 1	SSE	2	0	•	49	44	-		
Valencia ...	30.17	50	SE	7	og	30.00	- .28	46	46	- 1	ESE	6	og	6	54	46	0.02		
Roche's Point .....	30.25	48	SSE	5	h	30.09	- .28	48	47	- 1	SSE	5	0	5	50	46	0.05		
Pembroke .....	30.36	44	SE	3	m	30.19	- .23	43	42	- 2	SE	5	0	5	45	43	-		
Scilly .....	30.28	48	ESE	6	0	30.11	- .26	46	45	- 3	SSE	5	0	5	49	45	0.03		
Prawle Point .....	30.37	47	E	4	0	30.20	- .26	44	43	- 3	ESE	5	0	5	47	42	-		
Hurst Castle .....	30.43	44	ESE	3	m	30.28	- .21	43	42	- 2	E	3	m	2	48	41	0.02		
Dungeness .....	30.45	43	ESE	3	0	30.32	- .15	39	39	- 7	ESE	4	0	3	46	38	-		
London .....	30.49	45	ESE	3	0.2 m	30.33	- .18	38	38	- 9	SE	2	0	•	50	38	-		
Oxford .....	30.47	44	SE	1	0	30.32	- .18	38	38	- 7	ESE	3	og	•	45	38	-		
Cambridge .....	30.48	44	E	1	0	30.34	- .17	40	39	- 8	ESE	1	0	•	48	38	0.03		
Yarmouth .....	30.50	43	NHE	1	og	30.39	- .11	40	39	- 3	ESE	4	ogm	4	47	39	-		
The Helder .....	30.52	41	HE	1	0	30.45	- .04	35	35	- 8	ESE	1	f	1	43	36	-		
Cape Gris Nez .....	30.39	42	E	5	f	30.26	- .25	37	37	- 9	E	3	f	1	46	36	-		
Jersey .....	30.35	45	E	4	0	30.20	- .23	39	39	- 6	ESE	4	Om	3	46	39	-		
Brest .....	30.38	45	E	5	0	30.17	- .23	41	39	- 4	ESE	3	0	4	45	34	-		
Lorient .....	30.30	46	E	7	0	30.18	- .24	40	39	- 3	ESE	5	0	3	46	36	-		
Rochefort .....	30.25	43	EHE	7	b	30.20	- .14	37	36	- 4	EHE	7	b	3	50	32	-		
Biarritz .....	30.15	36	E	7	f	30.10	- .15	32	28	+ 3	E	3	f	0	39	?	-		
Corunna .....	*	*	*	*	*	30.23	- .05	47	44	+ 8	ESE	1	C	2	57	39	-		
Brussels .....	*	*	*	*	*	30.40	- .10	37	36	- 4	E	3	0	•	42	36	-		
Charleville .....	30.39	40	NW	1	0	30.30	- .12	37	37	+ 3	?	?	0	•	40	?	0.04		
Paris .....	30.43	41	NE	4	0	30.33	- .16	39	37	- 4	ESE	1	0	•	•	•	-		
Lyons .....	30.34	36	NW	1	f	30.34	- .04	33	33	- 2	SSW	1	0	•	36	32	-		
Toulon .....	30.25	48	E	4	bc	30.27	+ .08	48	45	+ 2	E	4	C	3	44	45	-		

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 with London



# WEATHER CHARTS

for 8 a.m. on *Saturday, 19<sup>th</sup> December.*

1885.

## 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.

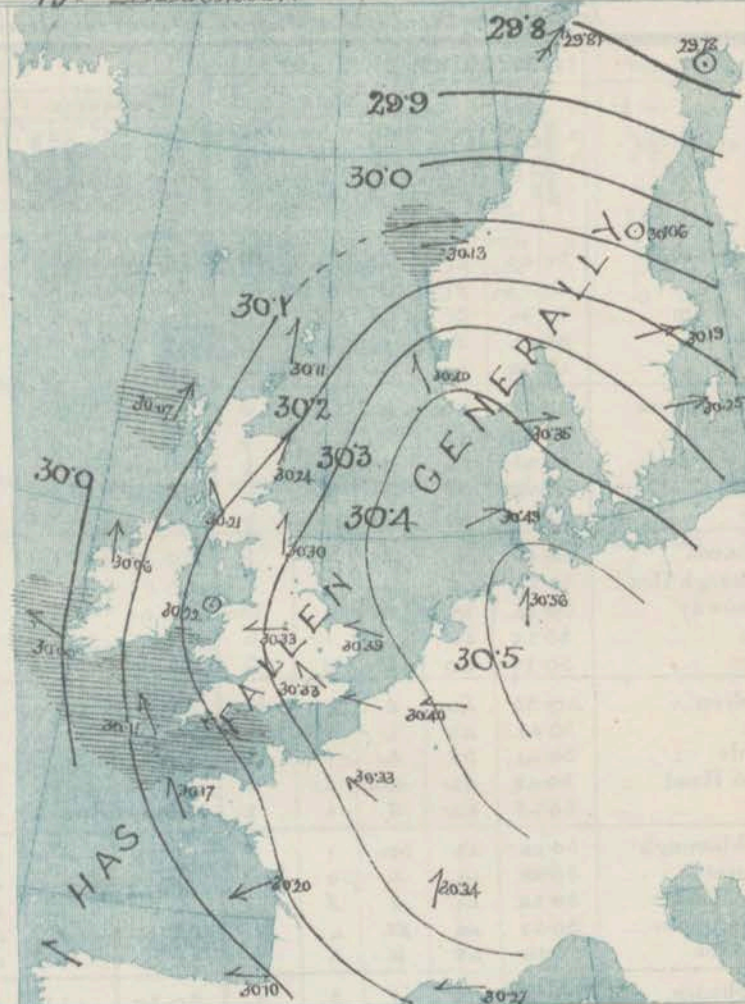
**Sea Disturbance** — where considerable, is shown thus

▨ = 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 in.
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
Holyhead	29.858
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 IN SHADE. AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.	At 8 a.m.	
			Dry.	Wet.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	36.6	42.9	41.3	4.03
Liverpool	48.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	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 19<sup>th</sup> December. 1885. at 8 a.m.

The anticyclone noticed over our south-east coast yesterday has moved away to North Germany, the change being greater over the north of Scandinavia and our extreme western coasts than elsewhere. The wind is W<sup>3</sup> in Scandinavia and Denmark, and S on our north and north-west coasts, but elsewhere it is SE<sup>2</sup> or E<sup>2</sup>; on our extreme south-west coasts it blows freshly or strongly. The weather is fair over the northern parts of Scotland and Ireland, but cloudy or overcast elsewhere, with mist or fog in many places. Slight rain was experienced in many parts of the Kingdom yesterday. Temperature has fallen generally, and readings now range from 47° at Mullaghmore and Belmullet to 37° at Aberdeen, Leith and Holyhead. The sea is rough at Valencia, rather rough on our south-west coasts, as well as at Hornoway, moderate to smooth elsewhere.

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

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 14<sup>th</sup> Inst. a fresh gale from S. veering to W. was experienced in Lat. 42° N. Long. 61° W. the barometer at noon falling to a minimum of 29.7 ins. On the 15<sup>th</sup> Inst. a gale from SW veering to NW. was experienced in Lat. 41° N. Long. 64° W. the barometer at 6 am falling to a minimum of 29.4 ins.

# FORECASTS

For the 24 hours ending at NOON on 20<sup>th</sup> December. 1885.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	S <sup>2</sup> winds, moderate or fresh; fair generally.	6 { SCOTLAND WEST	SE <sup>2</sup> and S <sup>2</sup> winds, moderate; dull, some mist.
2 { SCOTLAND EAST	----- D° ----- D° ----- D° -----	7 { ENGLAND N. W.	----- D° ----- D° ----- D° -----
3 { ENGLAND N. E.	Same as No 5	8 { ENGLAND S. W.	SE <sup>2</sup> winds, fresh or strong; dull, possibly some rain.
4 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	S <sup>2</sup> winds, moderate to strong; fair to dull and some rain.
5 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	Same as No 8.
6 { ENGLAND SOUTH	SE <sup>2</sup> winds, moderate or fresh; dull, misty.	WARNINGS	The south cone was hoisted yesterday in districts 8 and 10.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	30.43	44	44	SE	4	5	Holyhead	30.43	44	44	2	0	0
Sumburgh Head	30.27	47	46	W	2	3	Valencia	30.20	51	50	SE	7	6
Stornoway	30.23	48	47	SSW	5	6	Scilly	30.32	49	48	ESE	6	6
Aberdeen	30.35	44	43	FSW	1	0	Dungeness	30.45	45	44	ESE	3	2
Shields	30.43	39	38	SW	2	2	London	30.48	46	44	ESE	1	*
Ardrossan	30.41	44	43	2	0	0	Yarmouth	30.49	45	44	2	0	2
Malin Head	30.25	47	46	S	3	2	Jersey	30.37	46	45	E	4	3
Mullaghmore	30.26	50	47	SSW	2	3	Rochefort	30.28	49	46	ENE	8	3
Belmullet	30.21	52	47	SE	5	6							

## REMARKS.

The barometer is now falling generally - most in the west and southwest. The wind at Valencia has increased to a moderate gale from the SE<sup>4</sup>. The weather is fine in Ireland and Scotland, but foggy or misty at most of the English stations. The sea is rough at Valencia and Scilly, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Sunday 20<sup>th</sup> DECEMBER 1885.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. N. 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 3).	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	29.73	32	Z	0	o	29.80	+ .05	30	30	+ 8	Z	0	o	•	32	14	—	
Hernösand	30.08	45	SW	2	b	30.08	+ .02	33	32	— 11	Z	0	b	•	30	32	—	
Stockholm	30.24	35	W	2	f	30.21	+ .02	33	36	— 2	W	2	f	•	37	30	—	
Wisby	30.27	38	WNW	4	o	30.24	— .01	36	36	— 2	W	6	f	•	39	32	—	
Bodö	29.82	41	WSW	8	r	29.83	+ .02	42	40	0	SSW	6	o	3	37	41	0.28	
Christiansund	30.14	42	W	2	f	30.01	— .12	35	34	— 9	ESE	2	b	5	43	32	—	
† Skudesnaes	30.35	40	SSE	6	o	30.16	— .24	40	39	— 1	SSE	8	o	5	?	?	—	
Oxö (Xtiansund)	30.38	39	WSW	4	f	30.29	— .11	36	36	— 6	SSW	1	f	1	42	34	—	
Skagen (The Skaw)	30.24	38	SSW	3	f	30.31	— .04	35	35	— 4	SSW	2	f	0	39	34	0.04	
Faro	30.42	33	S	4	f	30.32	— .17	30	30	— 6	S	4	m	•	55	30	—	
Cuxhaven	30.48	34	ESE	1	f	30.39	— .17	32	30	— 6	SSE	2	b	•	?	30	—	
† Sumburgh Head	30.06	44	S	4	o	29.87	— .24	43	42	0	S	4	o	4	45	41	—	
† Stornoway	29.98	45	SSW	5	om	29.79	— .28	45	44	— 1	S	6	om	6	46	43	—	
Wick	30.02	42	S	4	b	29.87	— .25	41	40	— 3	S	2	bm	2	45	38	—	
Nairn	30.00	35	Z	0	b	29.87	— .24	42	40	+ 2	Z	0	c	0	46	32	—	
† Aberdeen	30.12	41	SSW	3	om	29.94	— .30	39	38	+ 2	SSW	3	om	1	42	36	—	
Leith	30.12	40	WSW	1	o	29.97	— .27	39	38	+ 2	Z	0	om	•	43	34	—	
† Shields	30.18	40	SSW	3	o	30.05	— .25	38	37	— 5	SW	3	o	2	43	36	—	
Spurn Head	30.21	39	SE	5	o	30.12	— .24	39	38	0	SSW	3	o	2	40	37	—	
York	30.22	40	SE	1	o	30.10	— .25	38	37	— 3	SSE	1	m	•	44	36	—	
Loughborough	30.20	38	ESE	3	o	30.11	— .22	39	38	— 1	SE	1	om	•	40	36	—	
† Ardrossan	30.08	40	S	3	om	29.96	— .25	43	42	0	SSE	5	om	4	43	41	—	
Malin Head	29.94	44	SSE	4	o	29.87	— .22	44	41	0	S	3	om	3	47	43	0.02	
† Mullaghmore	30.02	47	S	5	o	29.86	— .20	47	46	0	SSW	5	om	4	50	45	0.01	
Belmullet	29.85	40	SSE	1	b	29.91	— .10	43	42	— 4	NNW	1	c	•	48	43	0.07	
Donaghadee	30.06	44	SW	3	c	29.95	— .25	45	45	0	SW	2	o	0	45	42	0.03	
Barrow-in-Furness	30.14	39	SE	2	o	30.04	— .21	40	38	— 1	SE	4	o	•	51	38	—	
Liverpool (Bidston)	30.13	39	SE	3	o	30.05	— .21	39	38	— 1	SE	2	o	4	40	37	—	
† Holyhead	30.10	42	ESE	1	om	30.00	— .22	43	42	+ 6	SSE	2	om	2	43	32	—	
Parsonstown	29.95	45	SSW	1	o	29.92	— .17	46	45	+ 1	Z	0	og	•	47	43	0.04	
† Valencia	29.86	49	ESE	7	ogw	29.93	— .07	47	46	+ 1	NNW	2	c	2	51	45	0.40	
Roche's Point	29.97	47	SSE	5	r	29.88	— .21	55	55	+ 7	SE	3	f	4	55	46	0.28	
Pembroke	30.05	44	SE	6	m	29.99	— .20	47	46	+ 4	SE	4	m	4	47	43	—	
† Scilly	30.01	45	SSE	5	opd	29.93	— .18	52	51	+ 6	S	5	r	5	52	44	0.03	
Prawle Point	30.12	41	ESE	4	o	30.08	— .12	47	46	+ 3	SSE	3	o	4	47	40	—	
Hurst Castle	30.17	42	ESE	4	o	30.11	— .17	45	44	+ 2	SSE	3	ogd	2	45	40	—	
† Dungeness	30.23	40	SSE	4	o	30.14	— .18	44	44	+ 5	SW	4	o	3	45	37	—	
† London	30.21	39	SE	2	o	30.15	— .18	43	42	+ 5	S	1	o	•	44	38	—	
Oxford	30.19	38	ESE	3	o	30.12	— .20	40	39	+ 2	SE	3	od	•	41	38	—	
Cambridge	30.21	39	SE	1	o	30.15	— .19	41	40	+ 1	S	1	o	•	41	36	—	
† Yarmouth	30.24	40	SE	5	o	30.17	— .22	41	40	+ 1	SW	2	omg	3	44	38	—	
The Helder	30.33	35	ESE	1	o	30.25	— .20	32	31	— 3	SE	1	b	1	37	32	—	
Cape Gris Nez	30.20	36	SE	4	m	30.18	— .08	43	41	+ 6	SW	5	o	4	?	36	—	
† Jersey	30.13	41	SE	3	om	30.10	— .10	44	44	+ 5	SSW	4	om	4	44	39	—	
Brest	30.08	41	ESE	4	m	30.04	— .13	49	48	+ 8	SSE	4	o	4	?	37	—	
Lorient	30.11	41	ESE	5	m	30.11	— .07	49	46	+ 9	SSE	4	o	2	?	37	—	
† Rochefort	30.20	44	SSE	5	o	30.22	+ .02	42	41	+ 5	SSE	5	c	2	48	32	—	
Biarritz	30.14	47	S	4	b	30.18	+ .08	48	44	+ 16	S	5	b	1	48	?	—	
Corunna	*	*	*	*	*	30.28	+ .05	51	50	+ 4	WSW	1	o	5	64	45	0.16	
Brussels	*	*	*	*	*	30.28	— .12	38	36	+ 1	S	1	b	•	41	35	—	
Charleville	30.26	36	NW	1	b	30.32	+ .22	32	31	— 5	N	1	b	•	38	30	—	
Paris	30.26	41	NNE	1	bc	30.30	+ .00	37	35	— 2	SSE	1	b	•	*	*	—	
Lyons	30.34	40	N	1	b	30.38	+ .04	35	34	+ 2	WSW	1	b	•	42	?	—	
Toulon	30.35	48	E	5	o	30.39	+ .12	44	41	— 4	E	4	c	3	54	41	—	

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, ~~annual~~ 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. Dyer, 116, Victoria Street, London.*



# WEATHER CHARTS

For 8 a.m. on

Sunday 20<sup>th</sup> December

1885.

## 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 —

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

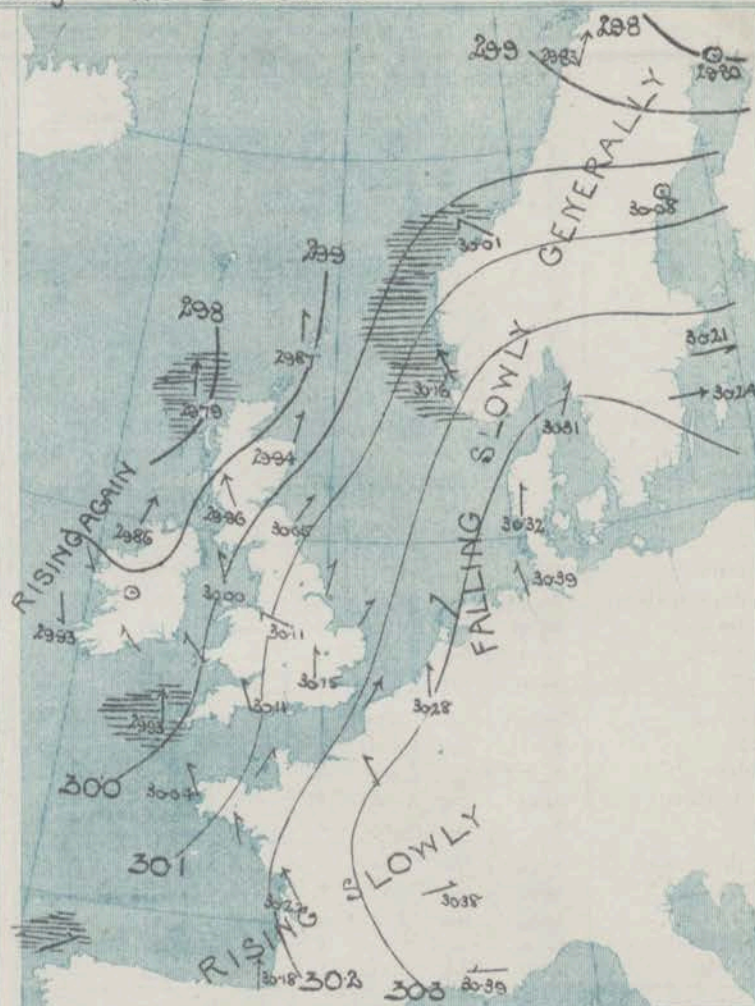
**Sea Disturbance** — where considerable is shown thus

▨ = 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 in.
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
Holyhead	29.858
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.

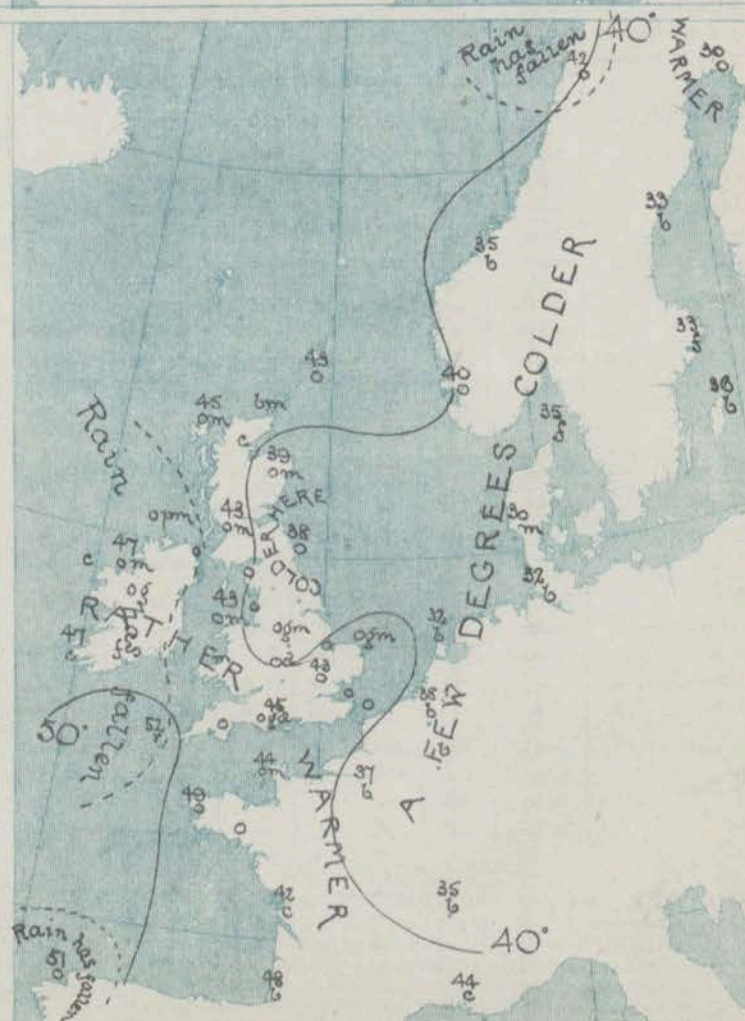
**Rainfall** A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	38.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	35.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	35.5	40.0	38.8	3.51
LONDON	44.5	38.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.90

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 Sunday 20<sup>th</sup> December. 1885. at 8 a.m.

The anticyclone which lay over North Germany yesterday has moved away to the Eastward, and some shallow depressions have appeared over our western and northern coasts. The barometer has therefore continued to fall generally, but in the west of Ireland a recovery of pressure has set in during the night. The wind has shifted to the northwards at Belmullet and Valencia, but elsewhere it is chiefly E. in force it is light or moderate generally, but a fresh gale is reported at Skudianes, and a strong breeze at Stornoway. The weather is fine at many of the Continental stations, but cloudy or overcast in our Islands, with mist in several places, and slight rain locally. Rain fell yesterday in Ireland and also at Skilly. Temperature has risen in the south west and south of our Islands, and also in the west and north of France, but fallen in Scandinavia, Denmark and the Netherlands; readings over the United Kingdom, now range from 52° at Skilly to 38° at Shields and York. The sea is rough at Stornoway, rather rough at Skilly, moderate to smooth elsewhere.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 15<sup>th</sup> Inst. a strong gale from SW. veering to NW. was experienced in Lat. 42° N. Long 60° W. the barometer at 3pm falling to a minimum of 29.5 ins.

## FORECASTS

For the 24 hours ending at NOON on 21<sup>st</sup> December 1885.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

1 { SCOTLAND  
EAST

2 { ENGLAND  
N.E.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

5 { ENGLAND  
SOUTH

None issued

### DISTRICTS.

### FORECASTS.

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

### WARNINGS

None issued

The south cone is still flying in districts 8 and 10.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.37	42	41	SSE	4	f	3	Holyhead	30.44	41	41	ESE	1	f	1
Sumburgh Head	30.07	44	44	S	4	m	4	Valencia	29.92	50	48	ESE	5	omg	5
Stornoway	30.01	46	44	S	6	omg	6	Scilly	30.06	47	44	S	4	o	5
Aberdeen	30.46	39	38	SSW	3	om	1	Dungeness	30.27	40	39	SSE	4	o	3
Shields	30.22	41	40	SSW	2	o	2	London	30.25	39	38	ESE	3	omg	*
Ardrossan	30.13	43	42	S	2	o	2	Yarmouth	30.30	40	39	SE	4	og	4
Malin Head	29.95	45	42	SSE	5	o	2	Jersey	30.15	39	38	SE	3	o	2
Mullaghmore	29.97	48	45	SE	5	o	4	Rocheport	30.17	47	45	SE	5	o	2
Belmullet	29.92	48	45	SSE	5	o	*								

## REMARKS.

The barometer continues to fall generally, but no decided change has taken place in the winds. Dull misty weather is reported in most places. The sea is rough at Stornoway, rather rough at Valencia and Scilly, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Monday 21<sup>st</sup> December 1885.

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	29.63	28	2	0	bc	29.41	- .39	33	32	+ 3	2	0	0	•	?	25	-	
Hernösand	29.90	28	2	0	bc	29.82	- .26	31	30	- 2	2	0	bc	•	45	27	-	
Stockholm	30.10	33	2	0	b	29.98	- .23	37	36	+ 4	W	2	0	•	37	32	-	
Wisby	30.19	36	SW	4	b	30.12	- .12	35	34	- 1	WSW	6	0	•	39	34	-	
Bodö	29.61	41	SW	6	h	29.15	- .38	34	34	- 8	WNW	4	m	2	?	21	0.47	
Christiansund	29.86	40	SSE	1	0	29.90	- .11	43	40	+ 8	N	8	bc	6	43	32	-	
Skudesnaes	30.06	43	S	8	h	30.06	- .10	43	42	+ 3	SSW	2	h	4	43	?	0.08	
Oxö (Stiansund)	30.14	42	SSW	4	h	30.05	- .21	41	40	+ 5	HSW	2	0	3	?	?	-	
Skagen (The Skaw)	30.22	34	SW	3	0	30.10	- .21	38	37	+ 3	SW	3	f	1	?	32	0.04	
Fanö	30.24	36	SW	2	c	30.20	- .12	38	38	+ 8	SW	2	m	•	?	30	-	
Cuxhaven	30.31	33	SSE	2	b	30.27	- .12	31	31	- 1	S	2	m	•	34	29	-	
Sumburgh Head	29.85	43	S	3	0	30.07	+ .20	42	40	- 1	NW	2	e	2	44	37	-	
Stornoway	29.97	40	SSW	2	c	30.13	+ .30	34	34	- 11	Z	0	b	0	46	32	0.02	
Wick	29.98	43	NW	2	0	30.14	+ .27	37	36	- 4	NW	1	0	1	43	35	-	
Nairn	29.97	44	HSW	1	0	30.12	+ .25	39	37	- 3	Z	0	0	1	45	37	-	
Aberdeen	29.97	40	SW	1	0	30.12	+ .18	41	40	+ 2	NW	2	2m	1	43	38	0.06	
Leith	30.02	43	ESE	1	m	30.10	+ .13	43	43	+ 4	SE	1	chm	•	43	38	0.06	
Shields	30.05	40	SW	3	0	30.09	+ .04	43	42	+ 5	SSW	1	fg	2	43	37	0.06	
Spurn Head	30.12	41	S	3	0	30.11	- .01	42	42	+ 3	S	3	cg	2	43	38	-	
York	30.10	40	S	1	0	30.09	- .01	44	44	+ 6	SW	1	f	•	44	37	0.06	
Loughborough	30.11	43	SSE	2	0	30.11	- .00	45	45	+ 6	ESE	1	og	•	46	38	0.01	
Ardrossan	30.00	45	SSE	3	0	30.06	+ .10	43	42	0	NE	2	h	1	45	42	0.12	
Malin Head	30.01	45	N	2	0	30.08	+ .21	44	42	0	NNE	4	0	3	46	43	0.01	
Mullaghmore	29.99	46	NW	4	0	30.06	+ .20	43	42	- 4	NNE	5	0h	4	48	41	0.63	
Belmullet	30.01	46	NE	2	h	30.01	+ .10	42	41	- 1	NE	3	e	•	47	41	0.02	
Donaghadee	30.01	46	SSW	1	h	30.04	+ .09	45	44	0	SSW	3	h	1	46	44	0.07	
Barrow-in-Furness	30.05	40	NE	1	0	30.06	+ .02	44	44	+ 4	NE	2	h	•	44	39	0.11	
Liverpool (Bidston)	30.05	42	SE	2	h	30.08	+ .03	46	45	+ 7	SSW	1	e	2	46	39	0.23	
Holyhead	30.10	45	E	2	m	30.07	+ .07	45	44	+ 2	SW	3	0	2	48	38	0.36	
Parsonstown	29.98	47	Z	0	h	30.09	+ .17	43	42	- 3	WNW	1	h m	•	49	42	0.13	
Valencia	30.01	46	N	1	0	30.14	+ .21	43	42	- 4	NW	1	0	2	49	39	0.02	
Roche's Point	29.97	46	NW	3	c	30.10	+ .22	41	39	- 14	NW	2	b	4	55	39	0.20	
Pembroke	29.99	49	SE	2	f	30.11	+ .12	46	44	- 1	W	4	e	3	49	45	0.15	
Scilly	29.98	50	NW	4	h	30.13	+ .20	47	45	- 5	W	2	0	5	52	46	0.16	
Prawle Point	30.07	49	SE	3	0	30.13	+ .05	44	44	- 3	WNW	2	b	3	50	42	0.10	
Hurst Castle	30.13	47	SSW	3	c	30.12	+ .01	47	47	+ 2	S	2	om	2	48	44	0.02	
Dungeness	30.17	45	SW	3	c	30.16	+ .02	45	44	+ 1	SW	3	0	3	46	43	-	
London	30.15	46	WSW	1	0	30.14	- .01	45	44	+ 2	S	1	0	•	47	43	-	
Oxford	30.14	46	SE	3	0	30.13	+ .01	45	45	+ 5	SSE	1	og	•	46	40	-	
Cambridge	30.15	44	S	1	0	30.15	- .00	43	43	+ 2	S	1	0	•	46	39	-	
Yarmouth	30.17	42	SSW	2	0	30.16	- .01	42	41	+ 1	S	2	bc	3	43	34	-	
The Helder	30.23	34	S	1	b	30.22	- .03	33	33	+ 1	S	1	e	1	37	30	-	
Cape Gris Nez																		
Jersey	30.13	46	SE	3	0	30.14	+ .04	47	47	+ 3	SSW	2	f	2	47	41	0.01	
Brest	30.05	50	SSE	4	f	30.16	+ .10	45	45	- 4	N	1	0	3	50	36	0.12	
Lorient	30.12	48	SE	4	m	30.17	+ .06	47	?	- 2	NW	4	0	?	?	?	?	
Rochefort	30.23	48	SSE	4	c	30.22	- .00	44	43	+ 2	SE	4	0	3	52	37	-	
Biarritz	30.17	55	S	4	c	30.17	- .01	50	43	+ 2	S	1	0	0	61	43	-	
Corunna	*	*	*	*	*													
Brussels	*	*	*	*	*	30.25	- .03	34	34	- 4	S	3	b	•	46	34	-	
Charleville	30.28	37	SSE	1	b	30.26	- .06	33	32	+ 1	WNW	1	0	•	44	32	-	
Paris	30.27	43	SSE	4	b	30.27	- .06	36	34	- 1	SE	4	bc	•	•	•	-	
Lyons	30.35	45	SSE	3	b	30.38	- .00	38	32	- 2	NE	1	0	•	51	32	-	
Toulon	30.41	48	E	3	bc	30.39	- .00	45	43	+ 1	E	4	e	3	55	?	-	

## 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).

Fred. Dargatzidis Ltd. London



# WEATHER CHARTS

For 8 a.m. on Monday, 21<sup>st</sup> December, 1885.

## 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 —

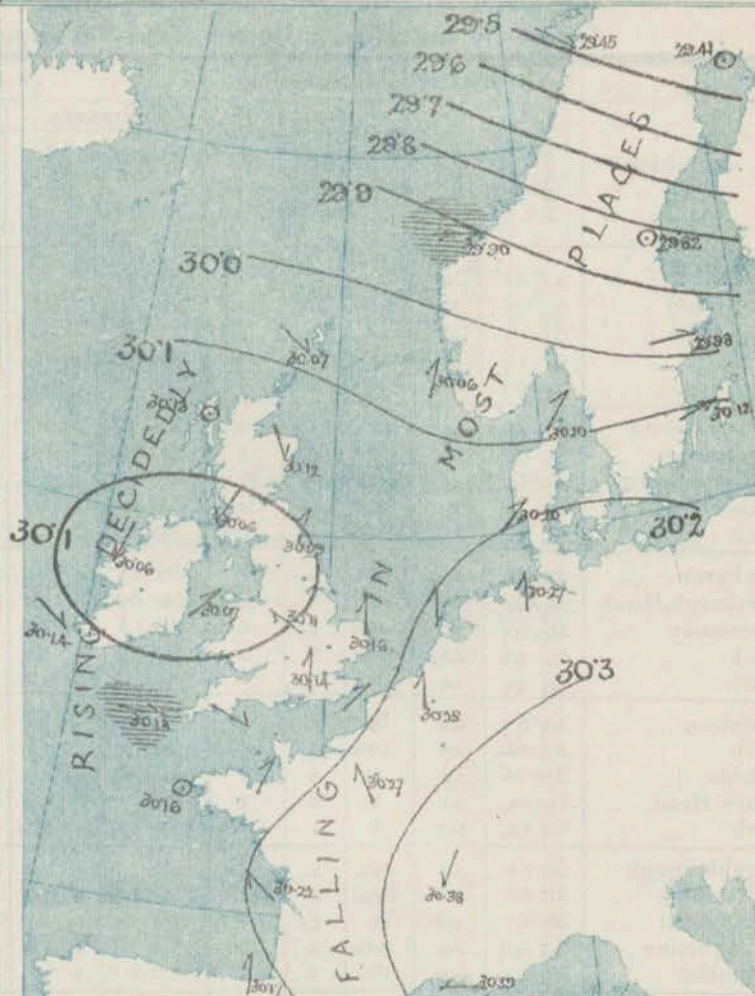
→ forces above 10; → forces 8 to 10;  
→ forces 5 to 7; → forces 1 to 4;  
○ = dead calm.

**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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## 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.

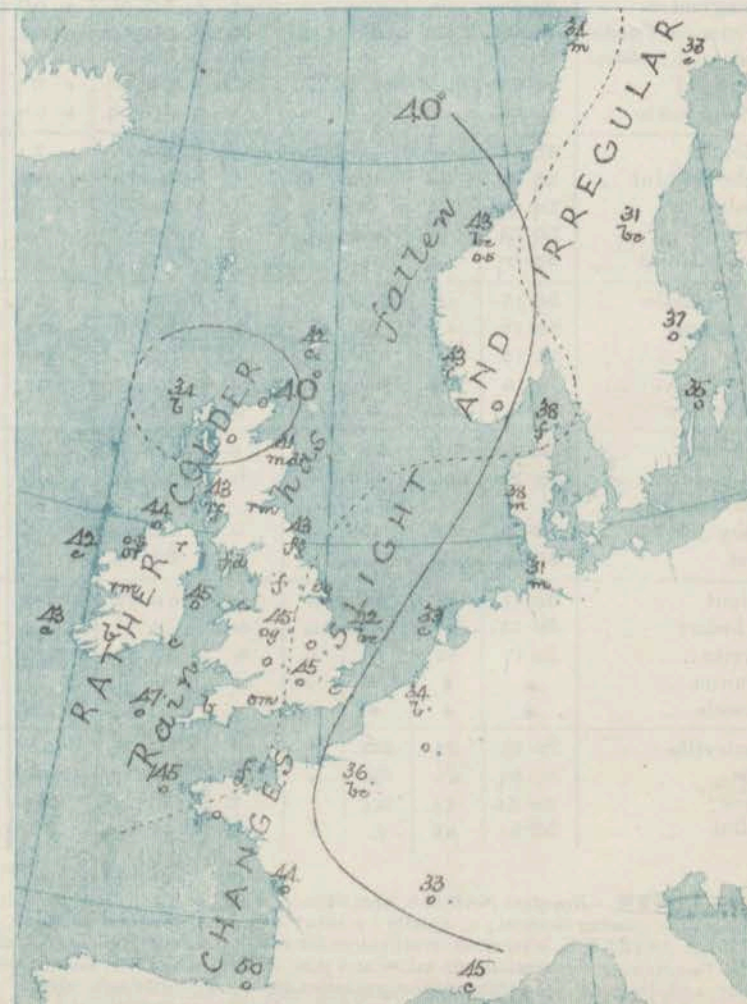
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.4 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
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Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
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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 21<sup>st</sup> December.

1885. at 8 a.m.

Barometric pressure is highest (above 30.4 ins.) over the south east of France, and lowest (29.4 ins.) in the north of Scandinavia, but a large though very shallow depression is lying over Ireland and the north of England. In the centre of this system the barometer is rising, but at our south eastern and most of the Continental stations a fall is in progress. The wind is W<sup>ly</sup> in Scandinavia and NW<sup>ly</sup> in the north and east of Scotland, but over Ireland and England it circulates round the depression noticed above, while in France it is chiefly SE<sup>ly</sup>. In force it is light or moderate in most places. The weather varies greatly in different localities, but at the majority of our stations it is cloudy or overcast, with rain in the south of Scotland and some parts of Ireland. In the course of the past 24 hours rain has fallen at all but our south eastern and the extreme northern stations. Temperature has fallen in Ireland, and Scotland, but changed irregularly elsewhere; readings now range from 47° at Scilly, Hurst Castle and Jersey to 38° at Stromway. The sea is rather rough at Scilly, moderate to smooth elsewhere.

The shallow depression over our Islands is apparently dissipating, and no great change in the weather is likely at present.

## FORECASTS

for the 24 hours ending at NOON on 22<sup>nd</sup> DECEMBER 1885.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	Light variable breezes, cloudy, rain locally.	6 { SCOTLAND WEST	NE <sup>ly</sup> winds, light; rainy to fair.
1 { SCOTLAND EAST	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	7 { ENGLAND N.W.	SW <sup>ly</sup> to NW <sup>ly</sup> winds, light; cloudy, some rain.
2 { ENGLAND N.E.	Same as No 5.	8 { ENGLAND S.W.	W <sup>ly</sup> and NW <sup>ly</sup> winds, moderate; fair generally.
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	NE <sup>ly</sup> and N <sup>ly</sup> winds, moderate, some rain at first then fair.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
5 { ENGLAND SOUTH	S <sup>ly</sup> to SW <sup>ly</sup> winds, light; cloudy, slight rain locally.	WARNINGS	
		None issued.	



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	30.10	41	40	SSE	8	2f	5	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rochefort					
Belmullet							*						

REMARKS.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS

AND THEIR NEIGHBOURHOOD

FROM THE 13<sup>TH</sup> TO THE 19<sup>TH</sup> DECEMBER 1885

During this week the distribution of pressure has been mainly anticyclonic in the south and cyclonic in the north, while the gradients have been favourable for SW<sup>ly</sup> (W to S) winds over the British Islands, and for E<sup>ly</sup> winds over the greater part of France. On one or two occasions the gradients were steep in the north and west, but at other times, and elsewhere, they were moderate or slight. Thus while the weather has been cold and dry over France, it has been milder in our Islands, very cloudy, and at times somewhat wet. In Scotland and at the Scandinavian stations the rainfall was occasionally large.

Although some large depressions have been passing by our extreme northern and western coasts, their centres have been at too great a distance from us for their movements to be referred to in detail, and their effects, so far as our Islands are concerned have been confined to temporary and moderate increases in the force of the wind and variations in its direction not worth special mention.

At the close of the week, the type of distribution was favourable for S<sup>ly</sup> winds and the barometer was falling in the west.



# DAILY WEATHER REPORT

for Tuesday 22<sup>nd</sup> December 1885.

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).		Max.	Min.				
Haparanda	29.49	30	W	4	b	29.65	+ .24	30	26	- 3	NW	6	b	*	39	27	-		
Hernösand	29.98	31	Z	0	b	30.07	+ .25	31	28	0	NW	4	b	*	41	23	-		
Stockholm	29.98	36	W	2	o	30.13	+ .15	28	27	- 9	Z	0	o	*	37	?	-		
Wisby	30.13	38	SW	4	o	30.11	- .01	37	36	+ 2	NNE	4	o	*	39	32	-		
Bodö	29.65	34	W	6	c	29.86	+ .41	34	31	0	NW	4	o	2	32	23	-		
Christiansund	30.04	39	NW	4	o	30.12	+ .22	36	33	- 7	S	3	b	4	?	32	-		
† Skudesnaes	30.15	39	NNE	2	b	30.21	+ .15	37	35	- 6	NNE	2	c	3	43	?	-		
(Oxö (Xtiansund))	30.09	40	N	2	c	30.18	+ .10	34	33	- 7	N	2	o	1	41	34	-		
Skagen (The Skaw)																			
Fanö	30.17	38	SW	2	b	30.17	- .03	39	39	+ 1	S	1	h	*	39	34	0.16		
Cuxhaven	30.23	32	S	1	b	30.25	- .02	34	34	+ 3	S	1	b	*	?	?	-		
† Sumburgh Head	30.18	38	NNE	1	b	30.21	+ .14	39	37	- 3	NW	4	o	3	43	34	0.01		
† Stornoway	30.21	39	N	3	om	30.42	+ .24	38	35	+ 4	W	4	c	3	41	32	0.02		
Wick	30.18	38	Z	0	o	30.37	+ .23	34	34	- 3	Z	0	c	0	39	32	-		
Nairn																			
† Aberdeen	30.15	43	N	3	z	30.24	+ .22	39	38	- 2	NNW	4	b	2	44	38	0.67		
Leith	30.10	43	SE	1	om	30.34	+ .24	41	40	- 2	NNE	1	c	*	44	39	0.09		
† Shields	30.11	44	Z	0	b	30.27	+ .18	43	42	0	N	1	om	2	44	37	-		
Spurn Head	30.12	44	S	1	b	30.25	+ .14	37	37	- 5	NW	3	b	2	43	36	0.04		
York	30.12	42	NW	1	m	30.29	+ .20	38	33	- 9	W	1	b	*	44	30	0.04		
Loughborough	30.12	45	WSW	1	o	30.27	+ .16	38	37	- 7	Z	0	o	*	47	35	-		
† Ardrossan	30.08	44	NE	1	o	30.36	+ .20	42	43	- 1	N	1	o	0	44	41	0.03		
Malin Head	30.17	43	N	4	c	30.45	+ .37	43	39	- 1	N	4	b	4	46	41	0.20		
† Mullaghmore	30.18	43	N	4	c	30.46	+ .40	42	39	- 1	N	4	b	2	45	41	0.06		
† Belmullet	30.23	43	NE	3	op	30.51	+ .40	42	39	0	NNE	3	c	*	44	41	0.37		
Donaghadee	30.13	45	NW	3	b	30.35	+ .31	43	42	- 2	NE	5	c	3	45	41	0.05		
Barrow-in-Furness	30.11	43	S	2	o	30.26	+ .20	43	43	- 1	SSE	1	b	*	46	42	0.03		
Liverpool (Bidston)	30.13	43	SW	1	c	30.28	+ .20	42	42	- 4	WNW	2	om	3	48	42	-		
† Holyhead	30.13	45	WSW	2	om	30.30	+ .23	45	44	0	NW	3	c	2	48	39	-		
Parsonstown	30.20	42	NW	1	h	30.46	+ .37	35	33	- 8	NW	1	b	*	44	33	0.03		
† Valencia	30.20	43	NNW	2	o	30.49	+ .35	42	40	- 1	NE	3	b	3	48	39	0.11		
Roche's Point	30.19	45	WNW	2	c	30.42	+ .32	42	40	+ 1	NNE	3	b	3	47	39	-		
Pembroke	30.17	46	WNW	1	o	30.31	+ .20	44	43	- 2	N	4	c	2	47	41	-		
† Scilly	30.17	47	NNW	1	c	30.27	+ .14	48	45	+ 1	N	5	o	5	50	45	0.02		
Prawle Point	30.18	41	NW	1	c	30.28	+ .15	39	38	- 5	N	2	b	2	46	36	-		
Hurst Castle	30.13	45	NNE	1	m	30.24	+ .12	43	42	- 4	NNE	3	c	2	48	42	0.16		
† Dungeness	30.12	45	SW	3	c	30.19	+ .03	45	45	0	SW	2	b	1	47	43	0.01		
† London	30.14	48	S	1	m	30.25	+ .11	45	43	0	N	1	b	*	51	44	-		
Oxford	30.15	46	SSE	1	o	30.28	+ .15	35	34	- 10	S	1	b	*	47	34	-		
Cambridge	30.14	45	Z	0	h	30.26	+ .11	44	43	+ 1	NW	1	o	*	47	42	-		
† Yarmouth	30.12	42	Z	0	c	30.22	+ .06	43	42	+ 1	NW	2	b	2	43	40	0.02		
The Helder	30.18	33	SSE	1	b	30.19	- .03	36	36	+ 3	SSE	1	b	1	39	32	-		
Cape Gris Nez	30.05	46	S	1	c	30.17	- .03	44	43	- 1	S	1	b	0	46	39	-		
† Jersey	30.14	47	NW	2	cm	30.22	+ .08	46	44	- 1	N	2	om	1	48	45	0.03		
Brest																			
Lorient	30.17	47	N	2	o	30.19	+ .02	45	44	- 2	NNE	4	h	3	50	39	0.24		
† Rochefort	30.21	47	SSE	1	o	30.20	- .02	45	44	+ 1	SSE	1	o	1	48	39	-		
Biarritz	30.15	48	N	4	o	30.10	- .07	50	44	0	SSE	4	c	2	50	46	0.04		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*	30.23	- .02	37	37	+ 3	S	1	o	*	44	?	-		
Charleville	30.24	35	S	1	c	30.21	- .05	34	33	+ 1	N	1	b	*	39	?	-		
Paris	30.21	41	SSE	4	b	30.28	+ .01	39	36	+ 3	SSE	4	b	*	*	*	-		
Lyons	30.33	39	N	1	b	30.33	- .05	34	33	+ 1	NE	1	b	*	46	31	-		
Toulou	30.39	45	E	5	? h	30.27	- .12	44	41	- 1	E	5	o	4	46	41	-		

## EXPLANATION OF COLUMNS.

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

\* 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).

‡ The evening observations at Jersey were taken at 4 p.m.

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# WEATHER CHARTS

For 8 a.m. on Tuesday, 22<sup>nd</sup> December, 1885.

## BAROMETER, WIND & SEA.

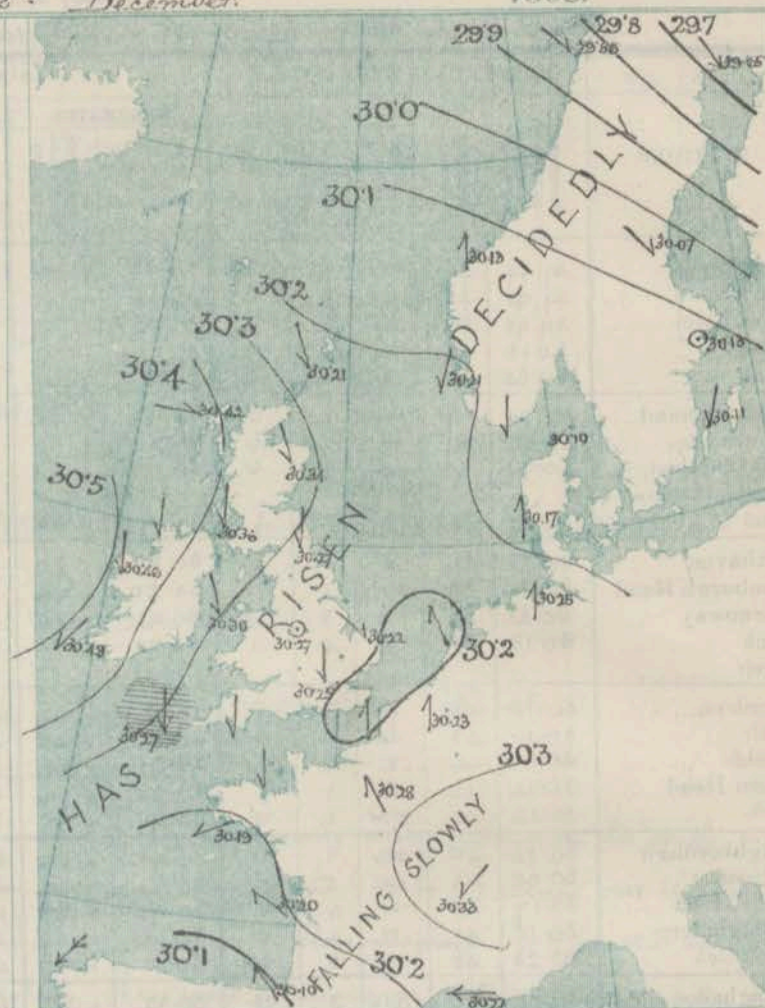
(Explanation of Map)

- Barometer** — Iso-bars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
- Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
- 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
Holyhead	29.855
Liverpool	29.882
Valencia	29.879
Roches Point	29.889
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.938
Dover	29.942
LONDON	29.934
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 IN SHADE. AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	Ave. & M.	Wet.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.2	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	40.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.08
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roches Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.90

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 22<sup>nd</sup> December.

1885. at 8 a.m.

In the course of the past 24 hours the barometer has risen at all but the southern French stations, where a slight fall has taken place. The shallow depression noticed over Ireland and the north of England yesterday has moved slowly to our south-east coasts, and an anticyclone with readings above 30.5 ins. has appeared off the west of Ireland. Calms or variable airs are reported over central and south-eastern England, and E<sup>ly</sup> breezes in the west and south of France, but elsewhere the wind is chiefly N<sup>ly</sup>. The weather is fair at our western and northern stations, as well as in the north of Scandinavia, but cloudy or overcast elsewhere, with fog over England and the north-east of France and rain at Paris and Tientsin. Rain fell yesterday in many parts of the kingdom. Temperature has fallen several degrees over Central England, and less decidedly on our western and northern coasts; readings now range from 48° at Lillie to 35° at York, Oxford, and Parsonstown and 31° at Wick. Frost occurred last night in the north of Scotland. The sea is rather rough at Lillie, moderate to smooth elsewhere.

The anticyclone in the extreme west seems likely to extend eastwards, and an improvement in the weather is probable over England.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 19<sup>th</sup> Inst a fresh gale from SW. veering to NW. was experienced in Lat: 40° N. Long 71° W. the barometer at noon falling to a minimum of 29.6 ins.

# FORECASTS

For the 24 hours ending at NOON on 23<sup>rd</sup> December 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	NW <sup>ly</sup> winds, moderate; fair generally.	6 { SCOTLAND WEST	N <sup>ly</sup> winds, light or moderate; fair generally.
1 { SCOTLAND EAST	-----D°-----D°-----D°-----	7 { ENGLAND N.W.	-----D°-----D°-----D°-----
2 { ENGLAND N.E.	NW <sup>ly</sup> to NE <sup>ly</sup> winds, moderate; foggy to fair; colder.	8 { ENGLAND S.W.	N <sup>ly</sup> and NE <sup>ly</sup> winds, moderate; fair generally.
3 { ENGLAND EAST	-----D°-----D°-----D°-----	9 { IRELAND NORTH	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	Variable breezes, finally NE <sup>ly</sup> ; foggy to fair; colder.	WARNINGS	
		None issued.	



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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	30.12	42	42	ESE	2	of	4	Holyhead	30.09	46	45	SW	3	0	2
Sumburgh Head	30.13	39	39	N	2	bc	1	Valencia	30.16	48	45	WNW	2	0	2
Stornoway	30.16	40	39	WNW	3	om	2	Scilly	30.15	49	47	WNW	2	0	5
Aberdeen	30.13	44	44	N	2	Am	1	Dungeness	30.14	47	46	SW	3	e	5
Shields	30.09	44	43	N	0	f g	2	London	30.13	51	49	S	2	om	*
Ardrossan	30.05	43	43	NE	1	0	1	Yarmouth	30.13	48	42	S	1	c	2
Malin Head	30.12	43	41	N	4	0	3	Jersey	30.13	47	47	WNW	2	0	2
Mullaghmore	30.12	45	43	WNW	3	0	2	Rochefort	30.22	48	47	SSE	3	0	2
Belmullet	30.17	43	43	N	3	of	*								

## REMARKS.

The shallow depression noticed over Ireland and the north of England this morning is moving slowly eastwards and the barometer continues to fall on our southeast coasts. Elsewhere the mercury is rising. The wind has veered to the N<sup>W</sup> in Scotland, but over Ireland and England it is little changed. Rain is falling at Aberdeen and passing showers at Belmullet. The sea is rather rough at Scilly.



# DAILY WEATHER REPORT

for Wednesday 23<sup>rd</sup> December 1885.

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.		
			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 .....	30.06	6	Z	4	b	30.19	+ .54	3	3	- 27	NE	2	c	*	30	?	-		
Hernösand .....	30.23	21	Z	0	b	30.28	+ .21	15	15	- 16	Z	0	b	*	41	?	-		
Stockholm .....	30.18	26	Z	0	o	30.27	+ .14	25	25	- 3	Z	0	b	*	37	25	-		
Wisby .....	30.14	31	ESE	2	c	30.14	+ .03	35	34	- 2	E	6	c	*	39	30	-		
Bodö .....	30.08	31	WNW	2	c	30.15	+ .29	27	27	- 7	ESE	4	s	2	34	23	-		
Christiansund .....	30.13	35	NSW	3	bc	30.30	+ .18	34	32	- 2	S	1	bc	3	37	30	0.08		
† Skudesnaes .....	30.17	36	Z	0	o	30.38	+ .17	32	31	- 5	NNE	2	o	3	?	?	-		
(Oxö - Xtiansund) .....	30.17	32	?	1	c	30.34	+ .16	29	28	- 5	N	4	b	2	36	28	-		
Skagen (The Skaw) .....	30.15	37	NE	1	o	30.25	+ .15	35	33	- 3	NE	4	o	2	37	34	-		
Fanö .....	30.16	39	NW	2	m	30.24	+ .07	33	33	- 6	Z	0	b	*	41	32	0.12		
Cuxhaven .....	30.23	35	SW	1	f	30.26	+ .01	37	37	+ 3	NNW	2	c	*	39	34	0.04		
† Sumburgh Head .....	30.41	34	N	5	bcps	30.34	+ .13	39	39	0	NSW	4	o	3	40	31	0.01		
† Stornoway .....	30.57	37	NW	3	c	30.37	- .05	42	41	+ 4	SSW	5	opg	4	42	34	0.10		
Wick .....	30.51	32	Z	0	b	30.42	+ .05	35	35	+ 1	S	1	od	0	37	30	0.08		
Nairn .....																			
† Aberdeen .....	30.51	36	NW	4	b	30.51	+ .17	32	30	- 7	NSW	1	c	1	41	30	0.01		
Leith .....	30.54	38	NNW	1	b	30.56	+ .22	33	31	- 8	NW	1	c	*	44	30	-		
† Shields .....	30.47	42	N	4	b	30.58	+ .31	31	30	- 12	NSW	2	b	3	44	29	-		
Spurn Head .....	30.39	43	N	4	c	30.53	+ .28	36	35	- 1	NW	4	o	3	43	35	0.02		
York .....	30.46	42	N	2	o	30.59	+ .30	20	20	- 5	N	1	b	*	43	28	-		
Loughborough .....	30.44	43	NW	4	o	30.60	+ .33	30	29	- 8	NW	2	bcn	*	43	29	-		
† Ardrossan .....	30.56	38	N	1	b	30.58	+ .22	32	31	- 10	ENE	1	of	1	43	29	-		
Malin Head .....	30.61	43	N	4	c	30.58	+ .13	40	38	- 3	SSW	4	o	3	46	36	-		
† Mullaghmore .....	30.62	42	N	3	b	30.62	+ .16	37	35	- 5	SSW	2	c	3	44	34	-		
Belmullet .....	30.66	42	NE	3	b	30.61	+ .10	41	39	- 1	S	5	bc	*	45	36	-		
Donaghadee .....	30.58	43	NE	5	b	30.62	+ .27	35	33	- 8	NNW	1	b	0	45	31	-		
Barrow-in-Furness .....	30.51	39	NNE	2	b	30.60	+ .34	30	30	- 13	NE	2	bc	*	49	30	-		
Liverpool (Bidston) .....	30.60	41	N	1	o	30.62	+ .24	34	33	- 8	NNE	1	b	2	43	32	-		
† Holyhead .....	30.53	42	NNE	4	bc	30.61	+ .31	38	37	- 7	Z	0	om	2	46	32	-		
Parsonstown .....	30.63	40	NNW	1	b	30.67	+ .31	27	26	- 8	Z	0	f	*	42	25	-		
† Valencia .....	30.64	44	NE	3	bc	30.66	+ .17	33	32	- 9	NE	1	b	1	47	30	-		
Roche's Point .....	30.36	42	NNE	4	b	30.63	+ .21	36	34	- 6	N	3	b	3	46	34	-		
Pembroke .....	30.49	43	N	2	b	30.63	+ .32	37	36	- 7	ENE	2	b	1	47	37	-		
† Scilly .....	30.40	48	NNE	5	c	30.56	+ .29	45	41	- 3	ENE	5	c	4	48	44	-		
Prawle Point .....	30.42	41	N	2	bc	30.58	+ .30	40	38	+ 1	NE	3	c	3	45	37	-		
Hurst Castle .....	30.39	42	NNE	3	bcn	30.47	+ .23	34	33	- 9	NNE	3	b	2	47	34	-		
† Dungeness .....	30.22	44	NNE	2	f	30.49	+ .30	34	34	- 11	NNE	3	b	2	45	34	-		
† London .....	30.42	43	N	2	cm	30.57	+ .32	34	33	- 11	NNE	1	b	*	47	34	-		
Oxford .....	30.49	42	NW	2	o	30.60	+ .32	31	30	- 4	NW	1	b	*	42	31	-		
Cambridge .....	30.40	40	N	1	o	30.53	+ .27	31	31	- 13	NW	1	bc	*	44	29	0.02		
† Yarmouth .....	30.39	44	NNW	2	f	30.49	+ .27	39	36	- 4	NNW	2	cv	4	44	36	0.01		
The Helder .....	30.28	42	N	2	o	30.39	+ .20	40	37	+ 4	N	4	c	3	43	36	-		
Cape Gris Nez .....																			
† Jersey .....	30.34	47	NE	3	om	30.48	+ .26	45	43	- 1	ENE	4	om	3	48	43	-		
Brest .....	30.35	46	NE	5	o	30.44		42	42		NE	4	b	3	48	41	0.20		
Lorient .....	30.32	46	NE	5	o	30.43	+ .24	46	44	+ 1	NE	5	o	3	48	39	-		
† Rochefort .....	30.27	49	ENE	4	o	30.38	+ .18	42	42	- 3	ENE	5	f	2	52	37	-		
Biarritz .....	30.12	46	NNE	3	b	30.24	+ .14	41	41	- 9	E	3	m	2	54	37	-		
Corunna .....	*	*	*	*	*														
Brussels .....	*	*	*	*	*	30.43	+ .20	39	37	+ 2	N	1	o	*	42	38	0.04		
Charleville .....	230.30	35	NW	1	bc	230.35	+ .14	40	38	+ 6	N	4	o	*	47	33	-		
Paris .....	30.31	41	SE	4	o	30.46	+ .18	42	41	+ 3	N	4	bc	*	*	*	-		
Lyons .....	30.32	38	WNW	1	b	30.36	+ .03	32	31	- 2	W	1	b	*	45	29	-		
Toulon .....	30.28	46	E	7	r	30.22	- .05	45	43	+ 1	E	5	o	5	48	43	0.63		

## EXPLANATION OF COLUMNS

**WEATHER.**—Beaufort Scale is b, blue sky; c, detached clouds; d, drizzling rain; f, fog; g, dark, gloomy; h, hail; l, lightning; m, misty (hazy); 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

10<sup>th</sup> 8 A.M. ON

WEDNESDAY,

23<sup>rd</sup> December.

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

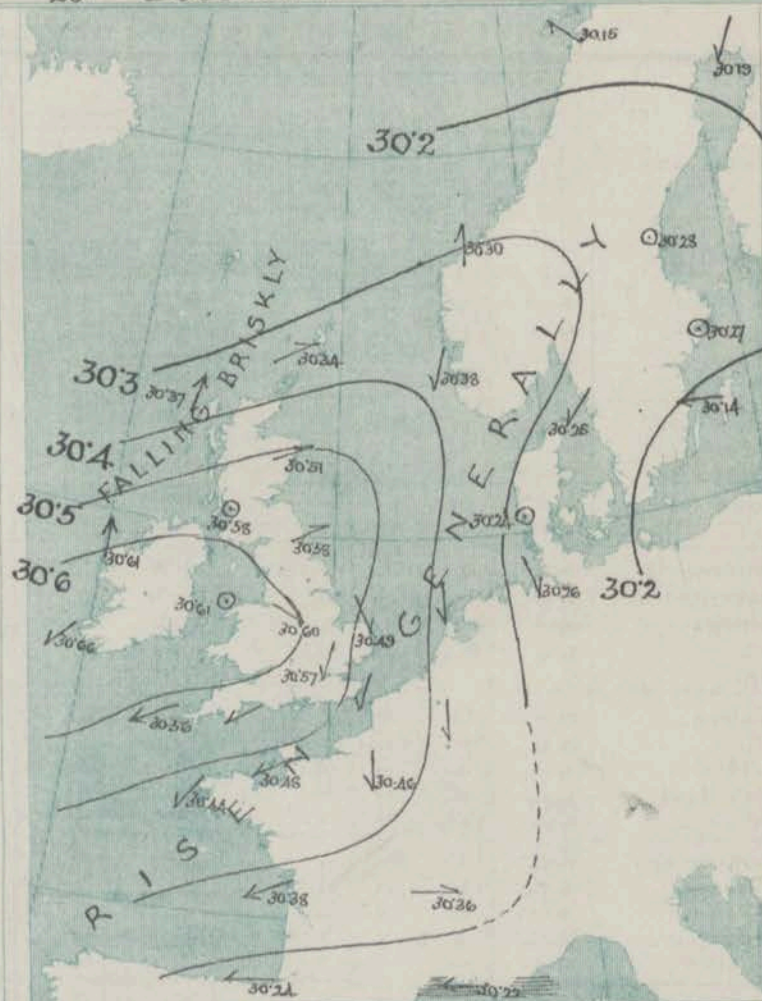
— = forces above 10; — = forces 8 to 10;  
— = forces 6 to 8; — = forces 4 to 6;  
— = forces 2 to 4;  
— = dead calm.

**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 (in.)
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
Holyhead	29.858
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.

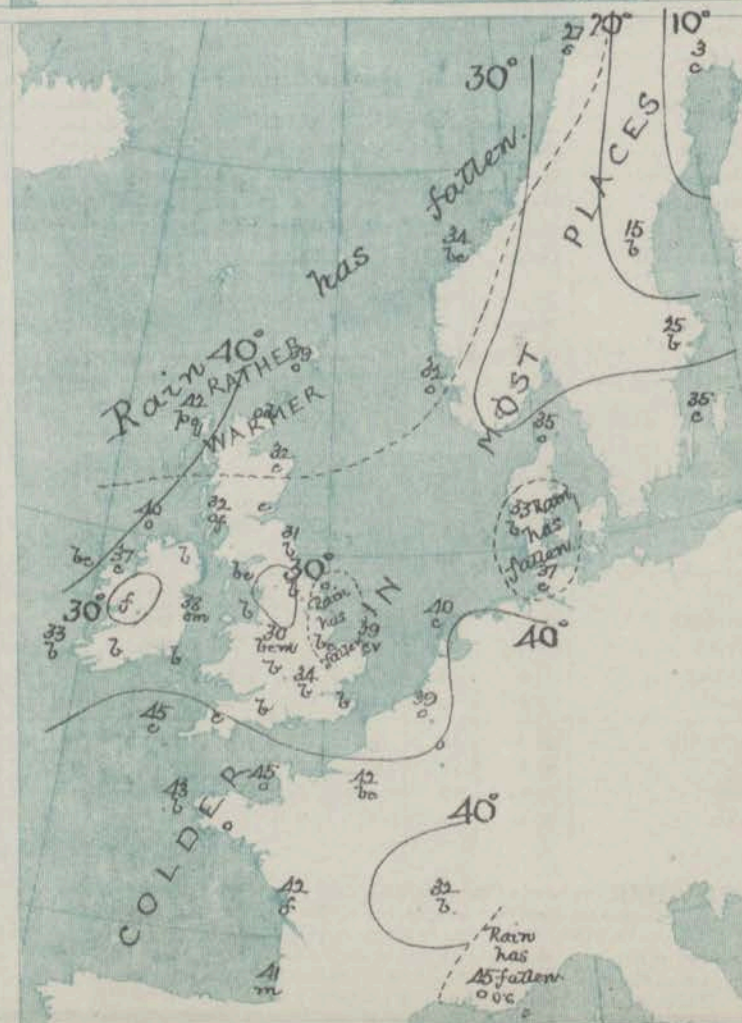
**Rainfall** A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	Dry.	Wet.	
Sumburgh Head	42.0	34.5	39.0	37.0	4.13
Stornoway	44.8	38.5	38.0	37.8	5.61
Wick	46.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.0	36.9	35.8	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	38.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.90

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 23<sup>rd</sup> December 1885. at 8 a.m.

The anticyclone noticed off our west coast yesterday has extended E<sup>rd</sup> and its central area, in which readings exceed 30.6 ins, now lies over Ireland and Wales. The barometer has therefore continued to rise at most of our stations, but on our extreme north and northwest coasts a decided fall has set in during the night. The wind is SW<sup>ly</sup> in Scotland and S<sup>ly</sup> in the north of Ireland, but in the east of England it draws into NW, while at our southern and the French stations it is NE<sup>ly</sup>. In force it is light or moderate generally. Fine weather is reported on all but our extreme north and northwest coasts where the sky is overcast. Drizzling rain is falling at Wick and passing showers at Stornoway. Temperature has risen slightly in the north of Scotland, but fallen several degrees elsewhere; readings now range from 45° at Scilly and Jersey to 27° at Parsonstown. Frost occurred last night in many parts of the Kingdom, at Cliford the thermometer on the grass fell to 24° and in London to 27°. The sea is moderate at Stornoway and Scilly, slight or smooth elsewhere.

The anticyclone seems likely to move slowly in a southeasterly or southerly direction and depressions will probably appear on our extreme northern coasts.

## FORECASTS

For the 24 hours ending at NOON on 24<sup>th</sup> DECEMBER 1885.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

- 1 SCOTLAND NORTH  
SW<sup>ly</sup> and N<sup>ly</sup> winds, moderate to strong; squally, some rain.
- 2 SCOTLAND EAST  
SW<sup>ly</sup> to N<sup>ly</sup> winds, freshening; fair to cloudy and some rain.
- 3 ENGLAND N.E.  
NW<sup>ly</sup> winds, moderate; fair generally.
- 4 ENGLAND EAST  
.....D.....D.....D.....
- 5 MIDLAND COUNTIES  
.....D.....D.....D.....
- 6 ENGLAND SOUTH  
N<sup>ly</sup> winds, light; fine generally.

### DISTRICTS.

### FORECASTS.

- 6 SCOTLAND WEST  
Same as N° 1.
- 7 ENGLAND N.W.  
N<sup>ly</sup> to W<sup>ly</sup> winds, moderate; fair generally.
- 8 ENGLAND S.W.  
NE<sup>ly</sup> to NW<sup>ly</sup> winds, moderate; fine generally.
- 9 IRELAND NORTH  
Same as N° 1.
- 10 IRELAND SOUTH  
Same as N° 7.

### WARNINGS

None Issued



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	30.21	38	36	WNW	2	0	3	Holyhead	30.43	45	43	NNE	4	09/ 3
Sumburgh Head	30.32	34	34	N	4	csp	3	Valencia	30.50	46	41	NE	4	10c 5
Stornoway	30.52	37	35	NNW	3	b	2	Scilly	30.35	48	45	NNE	5	0 5
Aberdeen	30.44	40	38	NNW	4	c	2	Dungeness	30.27	45	45	NNE	2	f 1.
Shields	30.38	43	41	N	4	c	2	London	30.23	47	45	NNW	1	omg *
Ardrossan	30.47	42	39	WNW	1	b	1	Yarmouth	30.29	43	42	NW	2	f 2
Malin Head	30.57	43	40	N	4	bc	3	Jersey	30.28	48	47	NE	2	0 2
Mullaghmore	30.38	44	41	NNW	4	b	2	Rocheport	30.23	50	49	ESE	4	0 2
Belmullet	30.61	45	42	NE	3	bc	*							

## REMARKS.

The barometer continues to rise generally and N<sup>2</sup> breezes are blowing on all coasts. The sky is still overcast in the south-East, and snow showers are falling at Sumburgh Head, but elsewhere the weather is fair. The sea is rather rough at Valencia and Scilly, slight or smooth elsewhere.



# DAILY WEATHER REPORT

for Thursday 24<sup>th</sup> December 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. 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.		Sta. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dirce.	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.	Dirce.	Force (0 to 12).		Max.	Min.				
Haparanda .....	30.20	8	NE	2	0	28.82	-1.37	33	33	+30	S	8	S	•	?	-4	0.12		
Hernösand .....	30.12	25	S	2	bc	29.33	-0.95	35	31	+20	SW	6	bc	•	?	14	-		
Stockholm .....	30.38	23	W	0	f	29.90	-0.37	31	30	+6	SW	6	0	•	?	21	-		
Wisby .....	30.26	30	E	4	f	30.13	-0.01	34	32	-1	W	6	0	•	89	28	-		
Bodö .....	29.52	31	E	4	bc	28.70	-1.45	39	37	+12	SW	9	A	•	89	27	0.32		
Christiansund .....	29.72	43	SW	8	0	29.70	-0.60	42	39	+8	W	9	0	1	43	32	0.08		
Skudesnaes .....	30.35	40	SSE	7	A	30.13	-0.25	45	45	+13	W	4	A	4	?	32	0.47		
Oxö (Xtiansund) .....	30.42	32	WSW	2	0	30.12	-0.22	42	41	+13	frsh	8	0	4	?	28	0.04		
Skagen (The Skaw) .....	30.34	32	ESE	1	b	30.17	-0.08	36	36	+1	W	4	e	3	36	30	-		
Fanö .....	30.47	34	NW	2	0	30.40	+0.16	35	34	+2	SW	3	e	•	36	32	-		
Cuxhaven .....	30.39	38	NNE	2	0	30.50	+0.24	36	36	-1	W	1	bc	•	37	32	-		
Sumburgh Head .....	30.08	46	WSW	5	A	30.14	-0.20	46	46	+7	W	4	0	4	46	39	0.19		
Stornoway .....	30.26	47	SW	6	om	30.28	-0.09	48	48	+6	W	5	om	4	48	39	0.14		
Wick .....	30.25	44	W	4	0	30.28	-0.14	48	47	+13	NW	1	e	0	48	34	0.05		
Nairn .....																			
Aberdeen .....	30.36	37	SSW	1	om	30.32	-0.19	41	40	+9	frsh	1	bc m	1	46	31	0.01		
Leith .....	30.43	41	W	1	m	30.36	-0.20	46	45	+13	W	3	bc	•	46	32	-		
Shields .....	30.51	37	WSW	3	m	30.41	-0.17	42	41	+11	W	3	bc m	2	42	31	-		
Spurn Head .....	30.53	37	WNW	3	b	30.47	-0.06	36	35	0	SW	2	om	3	45	34	-		
York .....	30.57	34	W	1	0	30.48	-0.11	33	33	+3	SEW	1	f	•	36	29	-		
Loughborough .....	30.58	30	W	1	b	30.50	-0.10	30	30	0	E NE	1	om	•	38	29	-		
Ardrossan .....	30.50	43	SW	4	0	30.43	-0.15	47	46	+15	W	3	0	2	47	31	-		
Malin Head .....	30.49	42	SW	4	0	30.49	-0.09	45	45	+5	W	3	f	3	45	40	-		
Mullaghmore .....	30.56	42	SW	4	om	30.52	-0.10	45	44	+8	W	1	om	3	45	37	-		
Belmullet .....	30.56	45	WSW	5	c	30.55	-0.06	46	44	+5	WNW	1	0	0	46	40	-		
Donaghadee .....	30.57	37	W	2	c	30.50	-0.12	41	40	+6	NW	2	e	0	42	34	-		
Barrow-in-Furness .....	30.55	35	NE	2	c	30.49	-0.11	37	36	+7	NE	2	f	•	37	30	-		
Liverpool (Bidston) .....	30.57	37	NNE	1	c	30.49	-0.13	41	40	+7	W	1	e	2	41	33	-		
Holyhead .....	30.59	41	W	0	0	30.51	-0.10	44	43	+6	WNW	3	e	2	44	34	-		
Parsonstown .....	30.63	33	W	0	b	30.57	-0.10	36	35	+9	W	0	0 q	•	42	27	-		
Valencia .....	30.63	37	W	0	b	30.57	-0.09	40	35	+7	W	0	0	1	49	32	-		
Roche's Point .....	30.60	42	NW	1	b	30.55	-0.08	39	37	+3	WNW	1	0	3	45	36	-		
Pembroke .....	30.60	39	ESE	1	c	30.52	-0.11	41	39	+4	NE	1	e	0	43	36	-		
Scilly .....	30.57	44	NE	4	0	30.49	-0.07	44	41	-1	W	0	0	2	46	41	-		
Prawle Point .....	30.59	35	N	3	b	30.50	-0.08	35	33	-5	N	2	bc	2	42	32	-		
Hurst Castle .....	30.57	42	NE	2	b	30.50	-0.07	30	30	-4	NNE	2	m	2	46	29	-		
Dungeness .....	30.53	36	NNE	3	bc	30.46	-0.03	35	35	+1	N	3	e	1	45	30	-		
London .....	30.57	38	N	2	0	30.53	-0.04	30	29	-4	W	0	bc	•	39	29	-		
Oxford .....	30.59	32	NW	1	b	30.52	-0.08	31	30	0	W	0	om	•	39	30	-		
Cambridge .....	30.57	35	N	1	A	30.51	-0.02	30	29	-1	N	1	e	•	36	26	-		
Yarmouth .....	30.50	37	N	1	bc	30.49	0.0	35	34	-4	WNW	1	om	3	41	33	-		
The Helder .....	30.47	37	NNE	1	e	30.48	+0.09	34	33	-6	SSE	1	e	1	41	34	-		
Cape Gris Nez .....	30.46	40	NNE	7	b	30.41	-0.05	35	35	-4	E NE	4	0	3	45	34	-		
Jersey .....	30.52	40	NE	3	bc	30.42	-0.06	41	38	-4	NE	4	om	3	45	39	-		
Brest .....	30.52	41	NE	4	b	30.43	-0.01	38	37	-5	E NE	3	0	3	45	36	-		
Lorient .....	30.48	42	E NE	4	b	30.39	-0.04	39	36	-7	NNE	5	bc	3	49	34	-		
Rochefort .....	30.42	43	NE	7	b	30.32	-0.06	34	33	-8	NNE	8	bc	3	48	28	-		
Biarritz .....	30.26	46	E	4	c	30.17	-0.07	41	38	0	NE	5	c	2	48	37	0.04		
Corunna .....	*	*	*	*	*	30.32	-0.02	49	46	-2	NE	8	e	6	57	45	-		
Brussels .....	*	*	*	*	*	30.47	+0.04	32	31	-7	NE	1	b	•	42	31	0.04		
Charleville .....	30.40	35	NE	4	b	30.36	+0.01	31	30	-9	NE	7	b	•	42	31	0.04		
Paris .....	30.47	40	N	4	b	30.40	-0.06	31	30	-11	NE	5	bc	•	39	31	-		
Lyons .....	30.32	36	N	3	0	30.19	-0.17	31	30	-1	N	3	0	•	39	31	-		
Toulon .....	30.17	47	SW	1	e	30.07	-0.15	45	43	0	E	3	m	•	52	43	0.08		

EXPLANATION OF COLUMNS

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

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† The evening observations are taken at 6 p.m. in France and our Islands 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\* Danglefield Lath London



# WEATHER CHARTS

For 8 a.m. on Thursday, 24<sup>th</sup> December, 1885.

## 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.

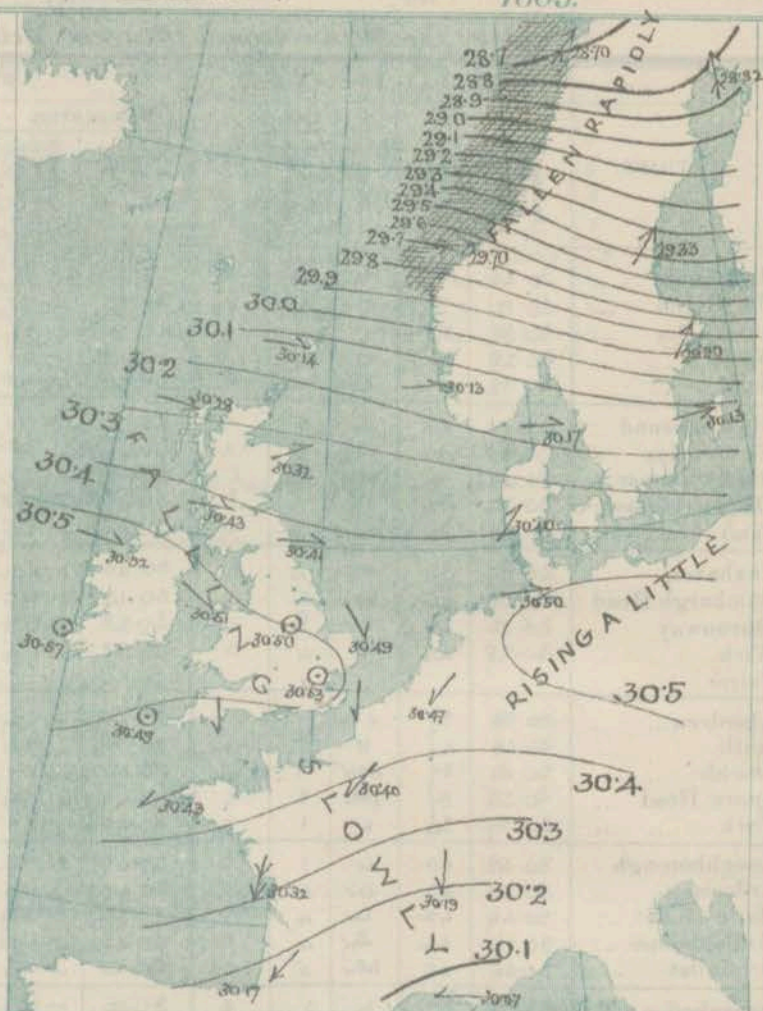
**Sea Disturbance** — where considerable is shown thus

— Breeze — 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
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Ardrossan	29.810
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Liverpool	29.882
Valencia	29.879
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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.

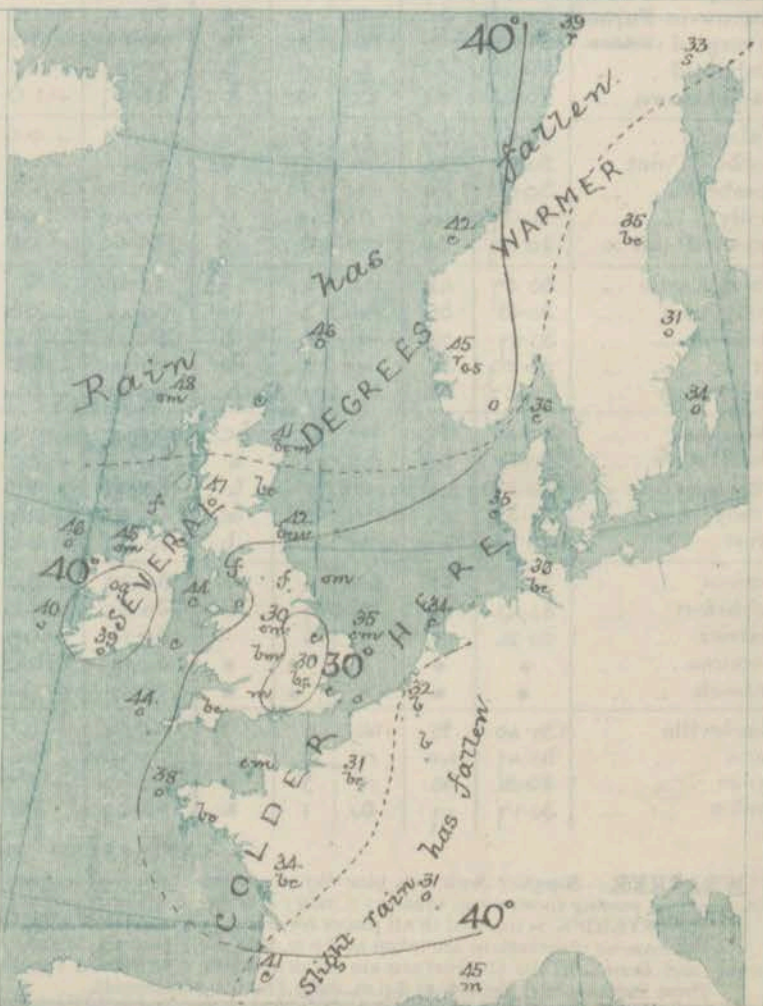
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	Air & M.	Wet.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.0	37.8	5.81
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.96
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.64
Ardrossan	47.0	36.1	40.1	38.8	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.8	4.18
Hurst Castle	45.6	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.8	31.8	36.3	35.6	2.02
Yarmouth	42.2	30.8	37.9	37.2	2.90

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





# REMARKS.

for Thursday 24<sup>th</sup> DEC<sup>r</sup>

1885, at 8 a.m.

The depression which appeared off our extreme north-west coast yesterday morning proves to be a very large and deep system, but has now passed away to the northward its centre being apparently over the extreme northern parts of Scandinavia. Pressure now varies from a little above 30.5 ins. over Ireland, and the southern parts of England to 30.1 ins. at Lumburg Head and Skudersness and to 28.7 ins. at Rodø. Over the northern parts of our area, therefore, the gradients are favourable for W<sup>ly</sup> winds, and, though moderate with us are very steep to the northward of Christiansund. Over the Channel and France the gradients are moderate, and favourable for NE<sup>ly</sup> winds. Temperature has risen decidedly in Ireland and Scotland, but fallen over France and the south of England; London, Loughborough, and Cambridge are 18° colder than the north of Scotland. The wind is W<sup>ly</sup> and NW<sup>ly</sup> at our northern stations, NE<sup>ly</sup> in the Channel, calm in the west and over our south midland counties. Over the northern parts of Scandinavia there are strong gales from between S. and W. Rain and snow have fallen in the extreme north, but not over our Islands generally. The weather is overcast in the west and north-west foggy over England, fine in the north-east and over France. The sea is smooth on all but the most northern coasts.

There is no indication of any great change at present.

## ATLANTIC TELEGRAM.

The Chief Signal Officer, U.S., reports that on the 19<sup>th</sup> Inst. in lat 41° N. Long 68° the barometer fell to 29.5 ins. at midnight during a "strong gale" in which the wind shifted from SE to NW. This shows some slight further progress eastward of the depression reported in the Daily Weather Report of Dec 22<sup>nd</sup>.

SEE NOTE ON PAGE 4

# FORECASTS

For the 24 hours ending at NOON on Friday 25<sup>th</sup> DEC<sup>r</sup> 1885.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	NW <sup>ly</sup> and W <sup>ly</sup> breezes, colder, some cold showers.	6 { SCOTLAND WEST	W <sup>ly</sup> and NW <sup>ly</sup> breezes, moderate; some showers locally.
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N. W.	-----De-----De-----De-----
2 { ENGLAND N. E.	-----D-----D-----D-----	8 { ENGLAND S. W.	NE <sup>ly</sup> breezes, light; cold, some fog.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	Calms and varying light breezes; cold, some fog.
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	N <sup>ly</sup> and NW <sup>ly</sup> winds, light; cold, fair as a whole, fog in many places.	WARNINGS	
		None issued	



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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnes	30.40	37	36	ESE	2	0	3	Holyhead	30.60	42	40	W	1	C	2
Sumburgh Head	30.16	41	41	WSE	4	1	3	Valencia	30.63	47	43	2	0	6	1
Stornoway	30.28	47	44	SEW	6	0 m	5	Scilly	30.56	45	40	ESE	3	C	4
Aberdeen	30.42	37	35	SEW	3	0 sp	1	Dungeness	30.51	41	38	WSE	4	C	3
Shields	30.54	36	38	WSE	3	0	2	London	30.57	39	36	WSE	2	0	*
Ardrossan	30.53	43	40	SW	3	0	3	Yarmouth	30.49	41	38	W	3	6 C	3
Malin Head	30.57	42	41	SW	3	0	4	Jersey	30.50	43	40	ESE	3	6	3
Mullaghmore	30.57	43	40	SW	3	0	2	Rochefort	30.36	46	45	E	7	0	2
Belmullet	30.56	45	43	WSE	3	0	*								

## REMARKS.

The barometer is now falling at all but our southern and southeastern stations - most in the Shetlands. The wind has increased to a strong breeze from SE. at Stornoway, but elsewhere it is little changed. Rain is falling at Sumburgh Hd and snow showers at Aberdeen, but in the south the weather remains fair. The sea is rather rough at Stornoway.

## CHRISTMAS HOLIDAYS.

NOTE. The Daily Weather Report for Christmas Day will not be issued until Monday 28<sup>th</sup> instant.



# DAILY WEATHER REPORT

for Friday 25<sup>th</sup> December 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. 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	28.87	36	W	8	0		29.32	+ .50	11	11	- 22	NE	2	0	*		41	7	—
Hernösand	29.46	36	NW	8	0		29.47	+ .14	32	31	- 3	ESE	1	0	*		45	27	—
Stockholm	29.77	38	WSW	4	0		29.67	- .23	36	30	+ 5	SW	4	0	*		41	21	—
Wisby	29.86	36	NNW	6	0		29.81	- .31	37	36	+ 3	W	4	0	*		39	28	—
Bodö	29.17	34	N	4	0		29.21	+ .51	35	32	- 4	NW	4	0	2		2	28	0.16
Christiansund	29.89	40	W	9	0		29.28	- .42	38	37	- 4	SW	4	0	7		32	32	0.63
† Skudesnaes	30.15	42	NW	2	0		29.80	- .33	45	44	- 1	W	8	0	4		45	41	0.02
† Oks (Christiansund)	30.08	42	WSW	6	0		29.81	- .31	44	43	+ 2	WSW	6	0	3		45	39	—
Skagen (The Skov)	30.00	40	WNW	6	0		?	?	41	41	+ 5	W	5	0	3		43	36	—
Fanö	30.24	41	WSW	4	0		30.08	- .32	41	41	+ 6	WSW	5	0	*		41	?	0.04
Cuxhaven	30.45	34	WSW	2	0		30.27	- .23	39	39	+ 3	W	4	0	*		39	34	0.04
† Sumburgh Head	30.16	43	W	1	0		29.72	- .42	46	45	- 1	W	5	0	5		46	42	0.09
† Stornoway	30.07	47	W	5	0		30.11	- .17	47	45	- 2	WNW	6	0	5		48	43	0.09
Wick	30.20	47	NW	3	0		29.97	- .31	47	45	- 2	NW	8	0	4		48	43	—
Nairn	30.29	47	W	2	0		30.09	- .20	46	44	- 2	W	4	0	2		51	43	—
† Aberdeen	30.30	44	W	2	0		30.07	- .25	46	42	+ 4	W	3	0	1		50	39	—
Leith	30.36	43	W	2	0		30.19	- .17	45	43	- 2	W	5	0	*		49	43	—
† Shields	30.38	45	W	2	0		30.21	- .20	43	41	+ 2	SW	4	0	3		46	40	—
† Spurn Head	30.42	37	SSW	1	0		30.28	- .19	42	42	+ 6	WSW	3	0	3		42	35	—
York	30.43	39	SSE	1	0		30.29	- .19	43	42	+ 10	W	3	0	*		44	32	—
Loughborough	30.46	33	W	0	0		30.37	- .13	43	42	+ 13	W	3	0	0		43	30	—
† Ardrossan	30.45	46	W	1	0		30.29	- .14	47	45	- 2	WNW	4	0	3		47	44	—
Malin Head	30.47	44	W	3	0		30.37	- .12	46	46	+ 1	WNW	3	0	3		47	43	0.06
† Mullaghmore	30.51	46	WNW	2	0		30.42	- .10	46	45	+ 1	WSW	4	0	3		47	44	—
† Belmullet	30.52	46	W	2	0		30.47	- .08	48	45	+ 3	WNW	2	0	0		48	46	—
Donaghadee	30.49	44	W	1	0		30.39	- .11	44	43	+ 3	NW	1	0	0		45	40	—
Barrow-in-Furness	30.43	44	NW	2	0		30.36	- .13	43	42	+ 6	NW	3	0	*		44	36	0.01
Liverpool (Bidston)	30.46	43	WNW	1	0		30.39	- .10	44	41	+ 3	W	5	0	3		44	41	0.03
† Holyhead	30.49	45	NW	3	0		30.43	- .08	44	42	- 2	WNW	3	0	2		46	39	0.02
Parsonstown	30.55	41	W	0	0		30.49	- .08	43	40	+ 6	W	0	0	*		42	?	—
† Valencia	30.55	45	NNE	1	0		30.53	- .02	43	42	+ 3	W	0	0	1		46	39	—
Roche's Point	30.53	42	N	2	0		30.50	- .05	42	41	+ 3	N	1	0	3		44	38	—
Pembroke	30.49	42	E	1	0		30.47	- .05	45	42	+ 4	N	2	0	1		45	41	0.03
† Scilly	30.43	44	ENE	5	0		30.45	- .04	43	40	- 3	NE	1	0	4		46	40	—
Prawle Point	30.46	39	N	3	0		30.47	- .03	34	33	- 1	NNW	1	0	1		42	31	—
Hurst Castle	30.47	35	E	2	0		30.35	- .15	29	28	- 1	E	1	0	2		42	26	—
† Dungeness	30.42	38	ENE	3	0		30.42	- .04	28	28	- 7	ENE	3	0	0		39	26	—
† London	30.49	31	E	1	0		30.41	- .12	31	30	+ 1	SW	1	0	*		41	27	—
Oxford	30.49	33	W	0	0		30.42	- .10	37	37	+ 6	WSW	2	0	0		40	36	—
Cambridge	30.48	32	W	0	0		30.39	- .12	36	36	+ 6	SW	1	0	*		40	27	—
† Yarmouth	30.45	37	W	0	0		30.36	- .13	33	32	- 2	W	1	0	2		39	29	—
The Helder	30.44	38	SW	0	0		30.32	- .16	39	38	+ 5	WSW	3	0	2		41	34	—
Cape Gris Nez																			
† Jersey	30.39	39	ENE	4	0		30.44	+ .02	31	32	- 9	NE	1	0	1		42	31	—
Brest	30.36	38	ENE	5	0		30.43	- .00	31	31	- 7	E	3	0	3		45	?	—
Lorient	30.32	38	ENE	7	0		30.40	+ .01	32	31	- 7	ENE	7	0	3		45	28	—
† Rochefort	30.24	37	ENE	8	0		30.36	+ .04	33	32	- 1	ENE	7	0	2		43	28	—
Biarritz	30.09	33	E	3	0		30.25	+ .08	33	31	- 8	NE	3	0	2		46	30	—
Coranna	*	*	*	*	*		30.20	- .12	42	40	- 7	ESE	4	0	5		30	37	—
Brussels	*	*	*	*	*		30.43	- .04	27	24	- 5	E	1	0	*		32	27	—
Charleville	30.39	28	NE	1	0		30.40	+ .04	32	29	+ 1	NE	1	0	*		40	28	—
Paris	30.44	36	NE	4	0		30.46	+ .06	34	32	+ 3	NE	4	0	*		*	*	—
Lyons	30.32	33	W	3	0		30.39	+ .20	31	30	- 1	WNW	1	0	*		35	29	—
Toulou	30.06	45	E	8	0		30.15	+ .08	?	?	?	E	8	0	5		48	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).

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# WEATHER CHARTS

For 8 a.m. on

Friday 25<sup>th</sup> December

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map.)

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

→ — forces above 10; → — forces 8 to 10;  
→ — forces 5 to 7; → — forces 1 to 4;

○ — dead calm.

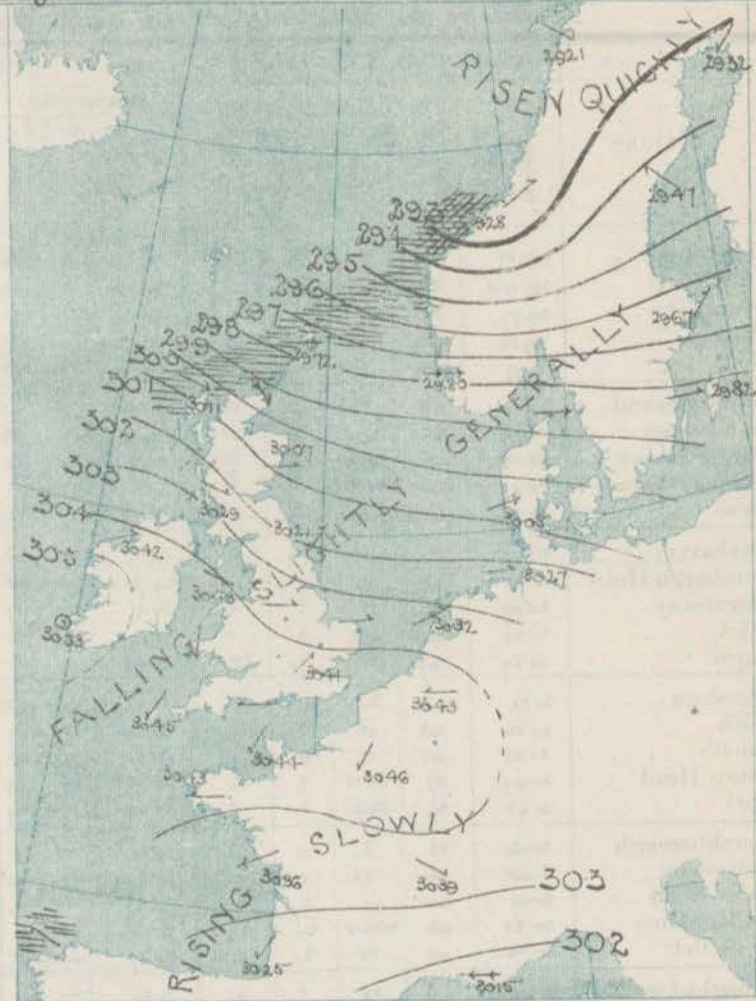
**Sea Disturbance** — where considerable is shown thus

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of 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
Holyhead	29.858
Liverpool	29.882
Valencia	29.879
Roche's Point	29.889
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.988
Dover	29.942
LONDON	29.934
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902





# REMARKS.

for Friday 25<sup>th</sup> December 1885. at 8 a.m.

The depression which lay over the northern parts of Scandinavia yesterday has passed away from our area, but a subsidiary disturbance has appeared off the west of Norway and the barometer is falling at all but the French stations - quickly in the north. Strong E. winds prevail in the west of France and light breezes from the same quarter at the Channel stations, but over the more northern parts of our Islands and the eastern shores of the North Sea the wind is W. or NW. and at Wick it blows with the force of a fresh gale. The weather is fine on our northeast coasts and also in the south of England and west of France, but cloudy or overcast elsewhere, with rain in the west of Norway and misty drizzle in many other localities. Slight rain fell yesterday at some of our western and extreme northern stations. Temperature has fallen slightly at our southern stations and more decidedly in the west of France, but risen elsewhere, readings now range from 48° at Belmullet to 28° at Dungeness. Sharp frost occurred over the southeast of England last night; in London the thermometer on the grass fell to 18°. The sea is rather rough off the north of Scotland, moderate to smooth elsewhere.

## FORECASTS

For the 24 hours ending at NOON on 26<sup>th</sup> December 1885.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

1 { SCOTLAND  
EAST

2 { ENGLAND  
N.E.

3 { ENGLAND  
EAST

4 { MIDLAND  
COUNTIES

5 { ENGLAND  
SOUTH

None issued

### DISTRICTS.

### FORECASTS.

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

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	30.15	44	42	WNW	2	0.	4	Holyhead	30.49	46	45	WN	3	0	2
Sumburgh Head	30.18	45	44	WNW	2	0	3	Valencia	30.54	46	43	N	2	0	2
Stornoway	30.30	48	45	WSW	5	d	4	Scilly	30.45	46	42	NE	5	c	3
Aberdeen	30.30	44	43	W	1	bc	0	Dungeness	30.44	39	37	ENE	3	c	2
Shields	30.39	46	44	W	3	b	2	London	30.47	41	37	NNW	1	ogf	*
Ardrossan	30.43	47	46	W	1	0	1	Yarmouth	30.44	38	37	NW	1	bc	3
Malin Head	30.47	45	45	WNW	3	f	4	Jersey	30.42	40	38	NE	3	bc	0
Mullaghmore	30.52	47	44	WNW	2	om	2	Rochefort	30.20	36	35	NE	8	0	3
Belmullet	30.52	47	45	WNW	2	0	*								

## REMARKS.

Pressure is increasing slowly in the north, but decreasing somewhat decidedly over France and our southern counties, where the wind is rising from NE. with cloudy weather. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for *Saturday 26<sup>th</sup> December 1885.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. M. 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.		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 .....	29.76	4	NE	4	b	29.95	+ .73	15	15	- 26	N	2	b	0	36	?	-	
Hernösand .....	29.51	24	N	4	s	29.99	+ .52	16	14	- 16	N	6	0	0	37	?	0.04	
Stockholm .....	29.15	34	N	4	0	29.81	+ .14	24	22	- 12	NNW	8	0	0	39	?	0.08	
Wisby .....	29.28	41	NNW	6	0	29.63	- .19	32	30	- 5	NNE	8	0	0	43	?	-	
Bodö .....	29.56	23	ESE	4	b	29.78	+ .57	18	15	- 19	ESE	5	0	2	36	18	-	
Christiansund .....	29.71	36	NNW	2	b	29.92	- .54	38	34	0	NNW	8	0	6	?	32	0.11	
Skudesnæs .....	29.80	44	NW	9	0	30.10	+ .30	40	35	- 5	NW	6	0	4	45	?	-	
† Oxö (Åtlandsund) .....	29.62	44	NNW	2	b	30.01	+ .20	37	33	- 7	NW	4	0	2	46	?	-	
Skagen (The Skaw) .....	29.52	42	NW	5	0	29.93	?	39	36	- 2	N	2	0	2	43	37	-	
Fanö .....	29.83	42	NW	6	c	30.05	- .03	37	36	- 4	NW	4	0	0	43	37	-	
Cuxhaven .....	29.99	38	W	6	2	30.11	- .16	40	40	+ 1	NW	4	0	0	41	38	0.04	
† Sumburgh Head .....	30.04	40	NNW	4	c	30.19	+ .47	40	40	- 6	W	3	0	3	47	37	0.01	
† Stornoway .....	30.24	44	NW	3	a	30.37	+ .26	42	41	- 5	W	1	0	1	47	40	0.04	
Wick .....	30.14	43	W	3	0	30.31	+ .34	39	38	- 8	SW	2	0	1	47	36	0.10	
Nairn .....	30.21	44	NW	2	0	30.36	+ .27	42	40	- 4	W	2	0	1	48	41	-	
† Aberdeen .....	30.19	45	NW	4	b	30.33	- .26	42	40	- 4	NNW	3	0	2	49	40	-	
Leith .....	30.21	46	W	2	c	30.37	+ .18	38	37	- 7	N	1	0	0	49	37	-	
† Shields .....	30.20	45	W	4	b	30.38	+ .17	40	38	- 3	W	2	0	2	48	34	-	
† Spurn Head .....	30.23	42	NW	4	b	30.33	+ .05	40	39	- 2	WNW	3	0	8	43	39	-	
York .....	30.26	42	W	1	b	30.35	+ .06	38	37	- 5	N	1	0	0	48	34	0.01	
Loughborough .....	30.30	43	WNW	2	0	30.36	- .01	40	39	- 3	WNW	1	0	0	44	39	-	
† Aultrossan .....	30.29	46	WNW	4	c	30.40	+ .11	40	39	- 7	NNW	1	0	1	49	39	0.01	
Malin Head .....	30.37	45	WNW	3	0	30.50	+ .13	43	43	- 3	WNW	3	0	3	47	46	0.03	
† Mullaghmore .....	30.42	47	WNW	5	0	30.50	+ .08	44	43	- 2	N	2	0	3	48	41	0.02	
Belmullet .....	30.47	46	WNW	2	0	30.53	+ .06	42	41	- 6	NNE	1	0	0	49	40	0.05	
Donaghadee .....	30.35	46	NW	3	b	30.44	+ .05	46	43	+ 2	NNE	3	0	1	48	43	0.04	
Barrow-in-Furness .....	30.27	45	NW	3	b	30.39	+ .03	40	40	- 3	N	2	0	0	46	40	-	
Liverpool (Bidston) .....	30.32	43	W	5	0	30.41	+ .02	42	41	0	NNW	1	0	2	45	42	-	
† Holyhead .....	30.37	47	WNW	4	0	30.42	- .01	45	44	+ 1	NNW	4	0	3	47	34	-	
† Parsonstown .....	30.46	45	WSW	1	2	30.52	+ .03	40	39	- 2	NNW	?	0	0	47	39	0.01	
† Valencia .....	30.50	45	NW	1	0	30.54	+ .01	41	40	- 2	NE	1	0	1	48	38	0.01	
Roche's Point .....	30.46	44	WNW	3	0	30.48	- .02	43	41	+ 1	N	1	0	3	48	42	-	
Pembroke .....	30.41	43	NW	3	0	30.43	- .04	45	42	0	NNW	2	0	1	47	43	0.01	
† Scilly .....	30.41	47	NNW	2	0	30.42	- .03	49	45	+ 6	N	4	0	5	49	41	-	
† Prawle Point .....	30.42	40	SSW	1	0	30.41	- .06	42	41	+ 8	NNW	1	0	1	47	33	0.01	
Hurst Castle .....	30.37	41	W	1	m	30.38	+ .03	41	40	+ 12	N	2	0	2	43	27	0.01	
† Dungeness .....	30.32	39	WSW	3	m	30.31	- .11	39	34	+ 11	NNW	1	0	1	43	26	0.01	
† London .....	30.33	39	WSW	1	0	30.37	- .04	38	38	+ 7	W	0	0	0	41	31	0.01	
† Oxford .....	30.35	41	SW	2	0	30.39	- .03	40	39	+ 3	W	1	0	0	43	37	-	
Cambridge .....	30.30	39	NNW	1	0	30.38	- .01	39	38	+ 3	NW	1	0	0	43	35	-	
† Yarmouth .....	30.24	37	W	2	fg	30.32	- .04	39	39	+ 6	WNW	2	0	2	39	32	-	
The Helder .....	30.16	42	W	3	c	30.23	- .09	42	41	+ 3	NNW	3	0	3	46	37	-	
Cape Gris Nez .....	30.32	38	W	4	0	30.38	- .06	42	41	-	N	1	0	1	?	34	-	
† Jersey .....	30.40	38	W	0	0	30.37	- .07	43	42	+ 11	NNW	1	0	1	44	32	0.01	
Brest .....	30.43	39	E	3	b	30.41	- .02	43	41	+ 12	W	0	0	4	43	30	-	
Lorient .....	30.40	37	ESE	4	b	30.40	- .00	39	39	+ 7	NE	3	0	3	43	28	-	
† Rochefort .....	30.40	33	ESE	5	0	30.43	+ .07	31	30	- 2	ESE	4	0	2	39	27	-	
Biarritz .....	30.27	41	E	8	b	30.32	+ .07	39	37	+ 6	SW	1	0	1	41	?	-	
Corunna .....	*	*	*	*	*	30.43	+ .23	38	37	- 4	ESE	1	0	3	52	37	-	
Brussels .....	*	*	*	*	*	30.31	- .12	34	34	+ 7	W	3	0	0	35	?	0.04	
Charleville .....	30.22	31	NE	4	c	30.32	- .08	30	30	- 2	S	1	0	0	?	28	-	
Paris .....	30.45	37	E	3	0	30.40	- .06	34	33	0	SE	4	0	0	?	?	-	
Lyons .....	30.39	37	N	3	0	30.36	- .03	28	28	- 3	N	4	0	0	32	28	-	
Toulon .....																		

## EXPLANATION OF COLUMNS

**WEATHER.**—Beaufort Scale is l. 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, 26<sup>th</sup> DECEMBER, 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isohars 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 —

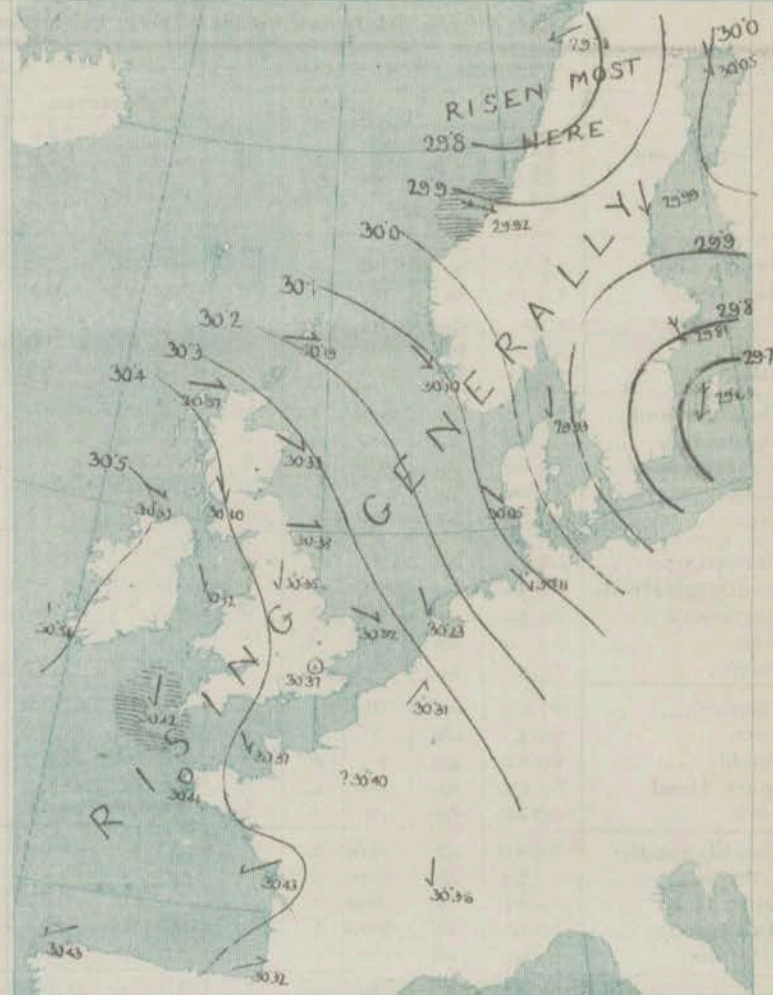
— forces above 10. — forces 8 to 10.  
 — forces 6 to 8. — forces 4 to 6.  
 — forces 1 to 4.  
 ○ = dead calm.

**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	29.718
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	29.883
Valencia	29.879
Roche's Point	29.889
Pembroke	29.897
Scilly	29.943
Hurst Castle	29.935
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.

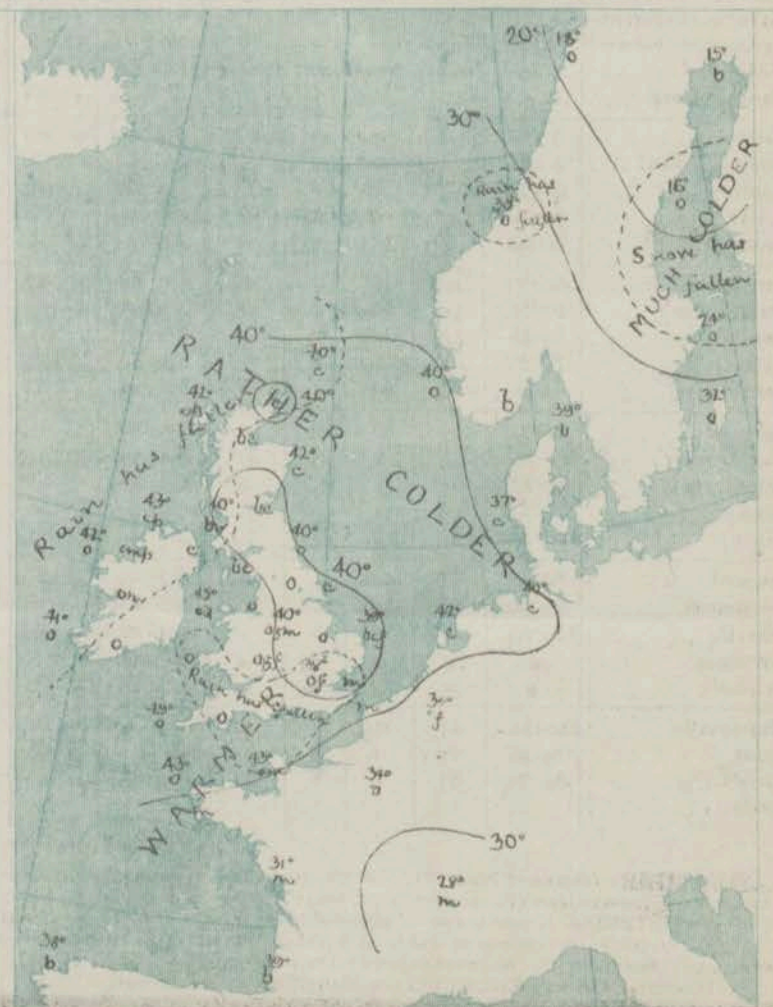
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of December

STATIONS.	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	Average Day.	Average Night.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.18
Stornoway	44.5	35.5	38.9	37.8	5.01
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.5	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	36.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	38.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.90

Note — The Temperature means are for the 10 years 1871–80, the Rainfall for the 10 years 1871–80.





# REMARKS.

for Saturday 26<sup>th</sup> December 1885. at 8 a.m.

In the course of the past 24 hours the barometer has risen considerably at our northern stations, while it has fallen somewhat in the south-east; readings now vary from a little above 30.5 ins. over the west of Ireland to 30.3 ins. on our extreme eastern coast and to 29.6 ins. at Ulsby (Baltic). Temperature has decreased except over our southern and south-eastern countries, where it has increased by several degrees, but is inclined to fall again now. Readings are comparatively uniform between 38° and 42° over the greater part of England and Scotland, but are slightly higher on our south-west coasts. Over Scandinavia the weather is very cold. N<sup>th</sup> and NW<sup>th</sup> breezes, of little strength, now prevail on our coasts generally, but in the north of Scotland the wind has backed to W. again, after being N<sup>th</sup> last night. Slight misty rain has fallen in several places, and snow in Sweden; in Scotland the weather has since cleared up, but over England and Ireland it remains gloomy and overcast, with fog in several places. The sea is smooth on our coasts.

While pressure is uniformly high over our Islands, some depressions are passing across the north of Scandinavia in a SE<sup>th</sup> direction, causing gales and unsettled weather over Sweden and Norway.

## ATLANTIC TELEGRAM.

The Chief Signal Officer, U.S., reports that—on Dec 22 at 4 pm in lat 44° N. Long 55° W the barometer fell to 29.4 ins. during a "whole gale" in which the wind shifted from E to N. on Dec 22 at 8 am in lat 44° N. Long 64° W. the barometer fell to 29.9 ins. during a fresh gale in which the wind veered from SW to NW. The first of these notices shows further progress to the E<sup>th</sup> of the depression reported in the Daily Weather Reports of the 22<sup>nd</sup> and 23<sup>rd</sup> Inst.; while the second refers apparently, to a new disturbance in its rear.

# FORECASTS.

For the 24 hours ending at NOON on 27<sup>th</sup> December. 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	NW <sup>th</sup> and N <sup>th</sup> breezes, moderate and fresh; some cold showers.	6 { SCOTLAND WEST	Same as No 5
1 { SCOTLAND EAST	— D <sup>o</sup> — D <sup>o</sup> — D <sup>o</sup> —	7 { ENGLAND N.W.	N <sup>th</sup> breezes, moderate, cloudy, dry.
2 { ENGLAND N.E.	NW <sup>th</sup> breezes, light; fair, cold.	8 { ENGLAND S.W.	— D <sup>o</sup> — D <sup>o</sup> — D <sup>o</sup> —
3 { ENGLAND EAST	— D <sup>o</sup> — D <sup>o</sup> — D <sup>o</sup> —	9 { IRELAND NORTH	N <sup>th</sup> breezes, light; fine, cold, fog in places.
4 { MIDLAND COUNTIES	— D <sup>o</sup> — D <sup>o</sup> — D <sup>o</sup> —	10 { IRELAND SOUTH	— D <sup>o</sup> — D <sup>o</sup> — D <sup>o</sup> —
5 { ENGLAND SOUTH	N <sup>th</sup> and NW <sup>th</sup> breezes, light; dull, cold.	WARNINGS	None issued.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesmes	29.62	44	42	VVNW	8	1	5	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rocheport	30.39	37	36	err	5
Belmullet							*					6c	2-

## REMARKS.

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



# DAILY WEATHER REPORT

for Sunday 27<sup>th</sup> December 1885.

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 .....	30.05	-12	N	2	o		29.35	- .70	7	7	+ 22	S	8	s	*		7	?	0.12
Hernösand .....	30.11	16	NE	2	s		29.47	- .52	24	?	+ 8	? SSW	6	o	*		?	12	0.08
Stockholm .....	30.15	17	N	2	b		29.87	+ .06	28	27	+ 4	ENE	1	s	*		34	16	-
Wisby .....	30.23	27	WN	6	o		30.06	+ .43	28	27	+ 4	SW	4	o	*		36	25	-
Bodö .....	29.57	20	ENE	6	s		29.81	- .96	28	27	+ 10	ENE	5	s	*		30	18	-
Christiansund .....	29.76	40	WSW	6	o		29.29	- .63	44	42	+ 1	WSW	9	r	*		4.5	36	0.82
† Skudesnaes .....	30.16	42	Z	0	r		29.96	- .74	44	42	+ 4	WSW	4	r	4		?	39	0.12
Oxö (Xtiansund) .....	30.10	37	W	2	b		29.94	- .07	43	42	+ 6	WSW	8	r	4		?	37	-
Skagen (The Skaw) .....	30.13	33	N	1	b		29.95	+ .02	41	41	+ 2	W	5	o	3		41	?	-
Faßö .....	30.27	38	W	4	c		30.26	+ .21	41	40	+ 4	W	4	c	*		41	36	-
Cuxhaven .....	30.23	37	WN	2	c		30.40	+ .29	39	39	- 1	W	3	c	*		40	36	-
† Sumburgh Head .....	30.12	45	W	4	o		29.75	- .44	46	45	+ 6	WSW	7	o	6		46	37	0.04
† Stornoway .....	30.33	44	SSW	3	r		30.00	- .37	47	46	+ 5	SW	6	ce	5		47	41	0.03
Wick .....	30.29	43	SW	2	b		29.95	- .36	45	43	+ 6	SW	4	bc	2		45	38	0.03
Nairn .....	30.25	44	W	2	b		30.09	- .27	43	42	+ 1	WSW	4	c	1		45	39	-
† Aberdeen .....	30.26	39	W	1	c		30.10	- .23	39	37	- 3	SW	3	bc	1		44	31	-
Leith .....	30.42	39	W	1	m		30.24	- .13	44	42	+ 6	W	4	c	*		44	37	-
† Shields .....	30.43	40	W	2	b		30.33	- .10	42	41	+ 2	WSW	4	o	2		43	34	-
Spurn Head .....	30.43	41	WNW	3	o		30.41	+ .08	37	36	- 3	SW	3	c	3		43	35	-
York .....	30.45	40	N	1	b		30.40	+ .05	40	38	+ 2	SSW	1	o	*		42	33	-
Loughborough .....	30.46	40	W	1	o		30.49	+ .13	35	34	- 5	WSW	1	b	*		44	34	-
† Ardrossan .....	30.44	44	NN	1	c		30.22	- .18	44	42	+ 4	WSW	5	o	4		46	38	-
Malin Head .....	30.42	42	WNW	3	o		30.32	- .28	43	42	- 0	WSW	4	o	4		45	42	0.01
† Mullaghmore .....	30.52	44	W	2	r		30.41	- .09	43	42	- 1	SW	4	om	3		46	42	0.02
† Belmullet .....	30.55	42	WSW	2	o		30.43	- .10	44	43	+ 2	WSW	5	o	*		47	41	0.02
Donaghadee .....	30.58	42	NW	2	b		30.43	- .01	42	40	- 4	WNW	2	c	0		47	41	-
Barrow-in-Furness .....	30.45	42	NNW	1	b		30.43	+ .04	42	41	+ 2	NW	3	o	*		44	34	-
Liverpool (Bidston) .....	30.49	40	W	1	b		30.47	+ .06	41	39	- 1	SW	2	o	2		43	38	-
† Holyhead .....	30.49	43	Z	0	b		30.48	+ .06	44	42	- 1	WSW	2	om	2		46	36	-
Parsonstown .....	30.55	42	Z	0	o		30.52	.00	40	38	-	SSW	1	o	*		44	39	-
† Valencia .....	30.55	45	ENE	1	o		30.51	- .03	45	42	+ 4	SSW	2	o	2		46	40	-
Roche's Point .....	30.56	43	N	1	o		30.52	+ .04	43	41	- 0	NNW	1	o	3		47	40	-
Pembroke .....	30.49	44	NNE	2	c		30.53	+ .10	45	42	- 0	SSW	1	o	0		47	43	-
† Scilly .....	30.45	48	N	4	o		30.52	+ .10	46	43	+ 3	Z	0	o	3		49	43	-
Prawle Point .....	30.48	42	N	1	o		30.55	+ .14	38	37	- 4	N	1	b	1		44	34	-
Hurst Castle .....	30.46	42	ENE	3	o		30.54	+ .16	33	33	- 8	NE	1	f	1		48	32	-
† Dungeness .....	30.42	41	NNE	1	m		30.52	+ .21	39	39	- 0	N	1	bc	1		42	37	-
† London .....	30.49	40	NW	1	om		30.53	+ .16	30	30	- 8	Z	0	f	*		42	30	-
Oxford .....	30.51	39	W	1	og		30.55	+ .06	30	30	- 10	SW	1	f	*		42	30	-
Cambridge .....	30.48	38	NW	1	o		30.53	+ .15	33	32	- 6	SW	1	b	*		42	30	0.01
† Yarmouth .....	30.40	41	NNW	1	bc		30.48	+ .16	35	34	- 4	WSW	2	bc	2		43	34	0.03
The Helder .....	30.41	39	W	1	c		30.46	+ .23	40	39	- 2	W	1	c	1		43	39	0.08
Cape Gris Nez .....																			
† Jersey .....	30.44	44	NE	1	o		30.55	+ .18	43	42	- 0	SW	1	om	1		45	42	-
Brest .....	30.46	43	NE	1	o		30.56	+ .15	44	43	+ 1	SE	3	o	3		45	32	-
Lorient .....	30.46	43	NNE	1	o		30.57	+ .17	41	40	+ 2	ESE	3	m	2		45	34	-
† Rochefort .....	30.46	35	NE	4	o		30.58	+ .15	37	36	+ 6	NE	4	o	2		?	?	-
Biarritz .....	30.35	43	NE	1	o		30.52	+ .20	35	33	- 4	E	3	o	1		45	28	-
Coranna .....	*	*	*	*	*		30.57	+ .14	29	38	+ 1	ENE	1	b	3		54	37	-
Brussels .....	*	*	*	*	*		30.58	+ .27	33	33	- 1	WSW	1	o	*		40	31	-
Charleville .....	30.34	34	S	1	o		30.50	+ .18	34	33	+ 4	S	3	o	*		35	31	-
Paris .....	30.47	39	NE	3	o		30.55	+ .15	39	37	+ 5	E	3	o	*		*	*	-
Lyons .....	30.41	30	NNW	4	o		30.48	+ .12	32	32	+ 4	NNW	5	o	*		?	?	-
Toulon .....	30.10	47	E	1	m		30.12		42	38		E	3	bc	4		54	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.

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



# WEATHER CHARTS

For 8 a.m. on Sunday 27<sup>th</sup> December 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map.)

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

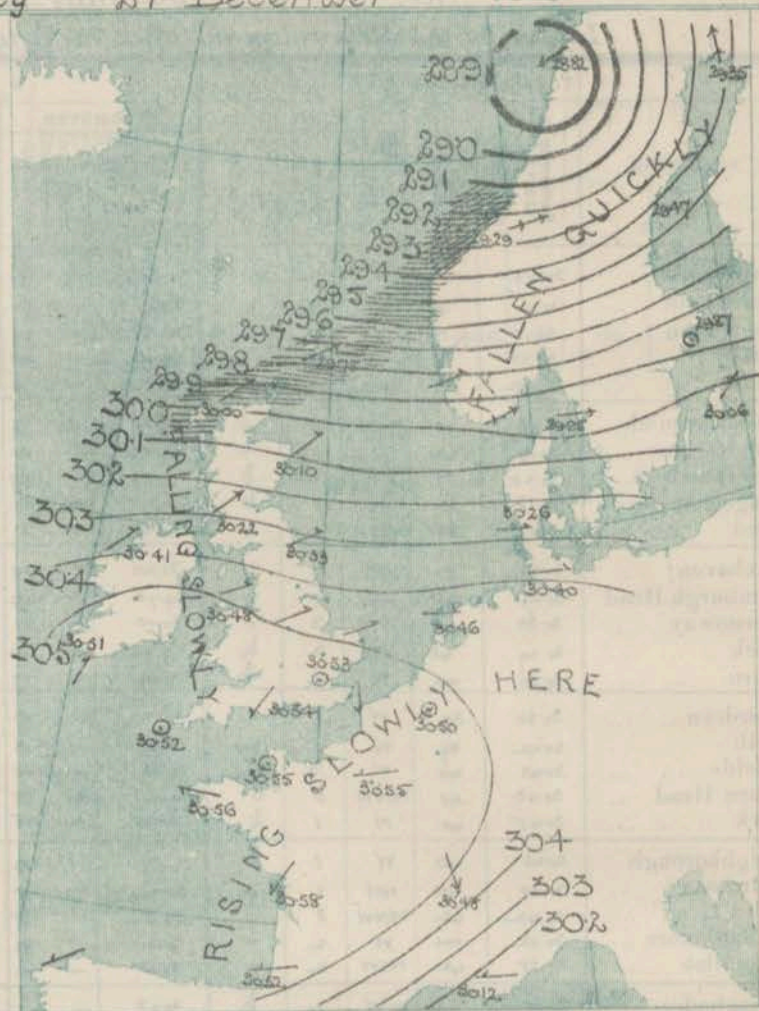
→ Force above 10; → Force 8 to 10;  
→ Force 5 to 7; → Force 1 to 4;  
○ = dead calm.

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

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
Samburgh Head	29.680
Stornoway	29.701
Wick	29.718
Nairn	29.741
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Pembroke	29.897
Scilly	29.948
Hurst Castle	29.938
Dover	29.942
LONDON	29.934
Oxford	29.937
Cambridge	29.926
Yarmouth	29.902





# REMARKS.

for Sunday 27<sup>th</sup> December 1885. at 8 a.m.

In the course of the past twenty-four hours a well defined and rather deep depression has advanced to the neighbourhood of Bodo, and the barometer is now falling at all our more northern stations. In the south, however, it has risen somewhat, and a large anticyclone now lies over France and our southern coasts. Light or moderate breezes from E. or N.E. prevail over the Channel and Bay of Biscay, but elsewhere the wind is W<sup>2</sup> or SW<sup>2</sup> and in the extreme north it blows strongly. The weather is fine in the east of Scotland, but cloudy or overcast elsewhere with rain in Norway and fog or mist at some of our southern stations. Slight rains fell yesterday on our extreme north and north west coasts. Temperature has fallen several degrees over England, but risen slightly elsewhere; readings now range from 47° at Stornoway, to 30° in London and at Oxford. Frost occurred over England last night. The sea is rough off the north of Scotland, moderate to smooth elsewhere.

## FORECASTS

for the 24 hours ending at NOON on 28<sup>th</sup> December 1885.  
(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.

6 SCOTLAND  
WEST

7 ENGLAND  
N.W.

8 ENGLAND  
S.W.

9 IRELAND  
NORTH

10 IRELAND  
SOUTH

*None issued*

### WARNINGS

The south cone has been hoisted  
this morning in district O.



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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.18	41	39	NW	4	0	4	Holyhead	30.46	46	43	N	3	c	3
Sumburgh Head	30.27	42	40	NNW	4	r	3	Valencia	30.55	45	42	NE	2	0	2
Stornoway	30.35	44	43	SW	2	0	1	Scilly	30.45	48	44	N	3	0	5
Aberdeen	30.37	43	41	NNW	1	b	1	Dungeness	30.58	42	42	N	1	m	1
Shields	30.40	43	41	W	2	c	2	London	30.22	44	41	NW	1	ogf	*
Ardrossan	30.42	45	43	NW	1	b	0	Yarmouth	30.37	43	42	NNW	2	od	3
Malin Head	30.43	43	43	SW	4	c	4	Jersey	30.40	45	43	ENE	1	0	1
Mullaghmore	30.52	45	44	W	1	c	2	Rocheport	30.45	34	32	ENE	5	0	2
Belmullet	30.54	47	46	W	2	c	*								

## REMARKS.

The barometer has begun to fall a little at Stornoway, with a SW breeze, dull weather and some rain in the neighbourhood elsewhere no important change is reported. The sea is rather rough at Scilly, slight or smooth elsewhere



# DAILY WEATHER REPORT

for Monday 28<sup>th</sup> December 1885.

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.			
			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	28.41	*	W	4	S	28.68	- 67	21	18	+ 14	W	4	b	*	29	-11	0.63	
Hernösand	28.45	39	S	4	O	28.92	- 55	36	35	+ 12	S	2	O	*	41	16	-	
Stockholm	29.22	42	W	4	C	29.26	- 61	42	39	+ 14	N	4	O	*	43	16	-	
Wishby	29.57	39	SW	6	b	29.50	- 56	41	39	+ 13	N	6	bc	*	41	25	-	
Bodö	28.65	28	W	3	S	28.68	- 11	28	26	0	WSW	4	C	2	28	27	-	
Christiansund	29.02	39	N	6	A	28.83	- 46	33	33	- 11	N	0	S	6	?	30	0.39	
Skudesnaes	29.65	46	WSW	4	O	29.34	- 62	45	42	+ 1	SEW	8	O	5	46	?	-	
Oxel (Klansund)	29.65	46	WSW	4	O	29.48	- 46	44	42	+ 1	WSW	9	O	5	46	43	-	
Skagen (The Skaw)	29.66	43	N	4	O	29.56	- 39	42	40	+ 1	WSW	4	O	4	43	41	-	
Faro	30.01	41	SW	6	O	29.83	- 43	41	40	0	SW	6	O	*	41	39	-	
Cuxhaven	30.22	40	WSW	6	O	30.08	- 32	41	41	+ 2	WSW	6	O	*	41	39	-	
Sumburgh Head	29.49	46	WSW	4	Am	28.86	- 89	45	44	- 1	WSW	6	O	6	48	43	0.10	
Stornoway	29.68	48	SW	9	bc	28.95	- 105	39	39	- 8	WSW	6	bc	6	49	36	0.24	
Wick	29.68	48	WSW	8	bc	28.99	- 96	44	42	- 1	WSW	4	bc	5	48	42	-	
Nairn	29.78	47	W	4	bc	29.12	- 97	45	43	+ 2	W	6	bc	3	48	38	-	
Aberdeen	29.88	46	WSW	4	O	29.21	- 89	44	40	+ 5	SW	9	bc	3	49	37	-	
Leith	30.05	42	WSW	6	C	29.36	- 88	45	42	+ 1	W	4	bc	*	46	43	-	
Shields	30.17	42	SW	4	b	29.58	- 75	46	43	+ 4	SSW	6	C	2	46	38	-	
Spurn Head	30.28	40	SW	4	O	29.83	- 58	42	41	+ 5	SSW	5	C	4	43	35	-	
York	30.30	42	W	6	O	29.77	- 63	44	41	+ 4	SSW	3	C	*	44	39	-	
Loughborough	30.38	40	SW	3	O	29.45	- 54	42	40	+ 7	SW	4	C	*	43	35	-	
Androssan	30.13	45	SW	5	O	29.41	- 81	45	44	+ 1	SSW	8	C	6	45	43	0.01	
Malin Head	30.09	44	SW	5	ogm	29.34	- 98	43	42	0	SSW	9	A	6	48	42	0.02	
Mullaghmore	30.17	44	SW	5	C	29.43	- 98	48	45	+ 5	SW	6	om	5	48	42	-	
Belmullet	30.16	45	WSW	6	O	29.47	- 96	44	44	0	N	8	A	*	45	42	0.12	
Donaghadee	30.20	42	SW	5	C	29.54	- 89	45	43	+ 3	W	7	C	4	45	41	-	
Barrow-in-Furness	30.28	42	SW	3	O	29.70	- 73	45	43	+ 3	SSW	6	O	*	45	42	0.05	
Liverpool (Bidston)	30.32	41	WSW	2	O	29.78	- 69	46	42	+ 5	SW	6	C	4	46	41	-	
Holyhead	30.35	42	SW	5	O	29.77	- 71	47	46	+ 3	SW	6	ogm	5	47	37	0.04	
Parsonstown	30.31	43	SW	2	O	29.67	- 85	46	45	+ 6	SSW	3	ogm	*	47	38	-	
Valencia	30.33	47	SSW	3	bc	29.78	- 73	50	49	+ 5	SW	7	C	7	53	44	0.09	
Roche's Point	30.31	45	W	3	O	29.83	- 69	50	48	+ 7	SW	6	C	4	50	42	0.06	
Pembroke	30.40	46	SW	3	O	30.03	- 50	48	46	+ 3	SW	5	C	5	48	45	0.01	
Scilly	30.46	46	WSW	2	O	30.08	- 44	49	47	+ 3	SW	6	C	5	49	45	0.02	
Prawle Point	30.49	47	WSW	1	C	30.13	- 42	46	44	+ 8	SW	5	C	4	46	35	0.10	
Hurst Castle	30.47	44	N	0	f	30.14	- 40	45	44	+ 12	WSW	5	C	3	45	30	0.02	
Dungeness	30.47	44	WSW	3	C	30.18	- 34	43	41	+ 4	WSW	5	C	3	47	34	-	
London	30.45	40	WSW	1	bm	30.10	- 43	42	40	+ 12	S	5	C	*	43	30	-	
Oxford	30.40	34	SW	1	f	30.06	- 50	42	40	+ 12	SEW	4	C	*	42	30	-	
Cambridge	30.33	37	SW	1	b	30.02	- 51	41	40	+ 8	SEW	3	bc	*	43	32	-	
Yarmouth	30.38	37	WSW	2	bm	30.03	- 45	41	40	+ 6	SEW	5	C	4	41	34	-	
The Helder	30.30	41	WSW	4	b	30.04	- 42	42	41	+ 2	SW	5	O	3	43	39	-	
Cape Gris Nez	30.41	39	SW	4	f	30.19	- 41	39	39	-	SEW	8	O	6	41	37	-	
Jersey	30.52	44	SW	3	bc	30.25	- 30	43	41	+ 10	SW	5	om	4	48	41	-	
Brest	30.46	46	SSW	3	m	30.29	- 27	46	44	+ 2	S	7	A	5	?	?	-	
Lorient	30.54	41	SE	3	C	30.32	- 25	46	43	+ 5	SW	5	O	2	?	36	-	
Rochefort	30.58	40	NE	4	b	30.48	- 10	38	31	- 4	SE	5	bc	2	41	25	-	
Biarritz	30.54	50	NE	1	O	30.40	- 12	32	30	- 3	E	4	C	1	43	30	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Charleville	30.51	31	N	1	b	30.39	- 11	24	24	- 7	SW	4	O	*	46	25	-	
Paris	30.56	39	E	1	b	30.42	- 13	30	28	- 9	S	3	m	*	46	25	-	
Lyons	30.58	32	SW	1	O	30.52	+ 04	24	24	- 5	S	1	b	*	35	26	-	
Toulon	30.39	46	E	3	m	30.49	+ 37	44	39	+ 2	E	3	C	2	50	39	-	

## EXPLANATION OF COLUMNS

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

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

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

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

Printed by the Meteorological Office, London



# WEATHER CHARTS

for 8 a.m. on Monday, 28<sup>th</sup> December, 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

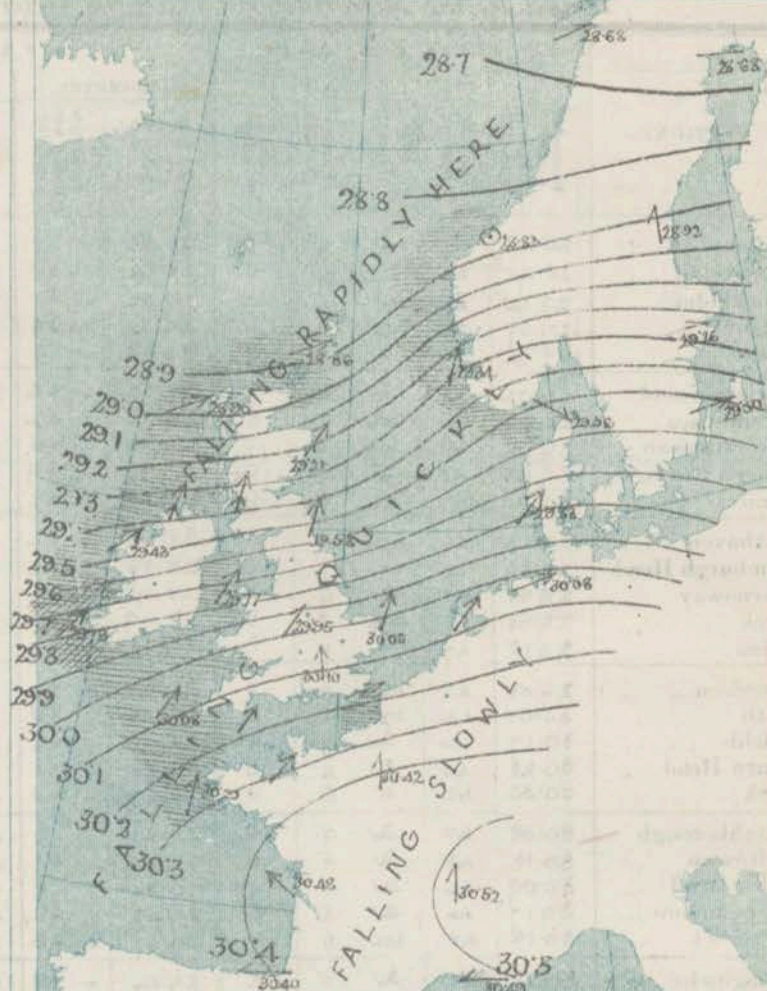
**Sea Disturbance** — where considerable is shown thus

■ = 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
Holyhead	29.858
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.

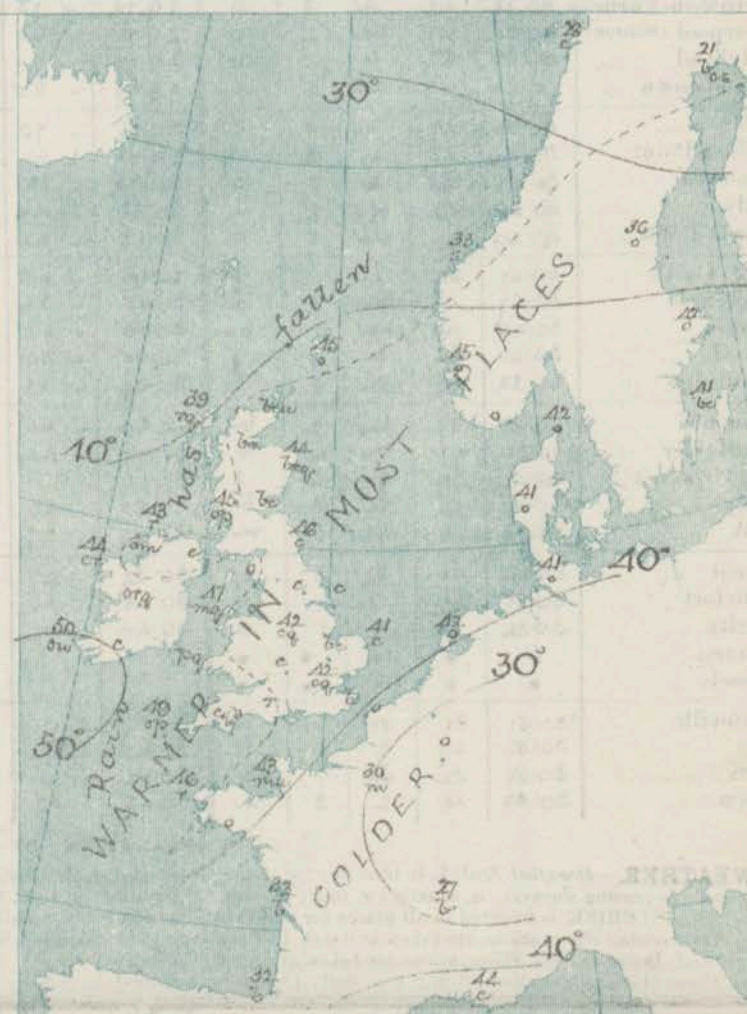
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.	At 8 p.m.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	38.8	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 28<sup>th</sup> December.

1885, at 8 a.m.

The depression which lay near Bode yesterday has passed away from our area, but in the course of the night a new disturbance of considerable size and depth has appeared off our extreme northern coast, and under the influence of this system the barometer is falling generally. In the north of Scotland the change since yesterday morning amounts to more than six inches. The highest pressures are now reported over the south east of France. Moderate E. breezes prevail in the south of France, but elsewhere the wind is chiefly SW's, and on our north and north west coasts it blows with the force of a fresh or strong gale. The weather is fair on our east and south east coasts, but cloudy or overcast elsewhere with rain at our north-western and several of our southern stations. In the course of the past twenty four hours rain has fallen in the west and extreme north. Temperature has risen in most parts of our Islands, and readings now range from 50° at Valencia to 34° at Bowness. Frost occurred over the south east of England last night. The sea is high at Valencia, and rough on our western and extreme northern coasts generally.

The depression in the north will probably, move away in a north easterly direction, but subsidiary disturbances are likely to appear over Ireland and England.

## FORECASTS

for the 24 hours ending at NOON on 29<sup>th</sup> December. 1885.

(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> gales and strong winds; squally, showery.	6 { SCOTLAND WEST	Same as No 0
1 { SCOTLAND EAST	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	7 { ENGLAND N. W.	Same as No 0
2 { ENGLAND N. E.	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	8 { ENGLAND S. W.	Same as No 5
3 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	SW <sup>ly</sup> to W <sup>ly</sup> gales, and strong winds; squally, some rain.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
5 { ENGLAND SOUTH	SW <sup>ly</sup> winds, fresh or strong; changeable, some showers.	WARNINGS	The south cone was hoisted yesterday in districts 0. 1. 6 and 9. and this morning in districts 2. 7. 10 and part of 8.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.79	45	43	WSW	7	0	5	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rochefort					
Behmullet							*						

## REMARKS.

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

FROM THE 20<sup>TH</sup> TO THE 26<sup>TH</sup> DECEMBER 1885.

The distribution of pressure during this week was at first cyclonic and of a southerly type. A large anticyclone lay over France and Germany, and a shallow depression moved northwards outside our western coasts, while a subsidiary system appeared over St George's Channel and the east of Ireland. A considerable change set in on Monday (21<sup>st</sup>). Pressure rose quickly in the northwest, and a large new high pressure area appeared off our west and northwest coasts, while that in the east began to give way. The shallow subsidiary depression mentioned above then became an independent system, and moving southeastwards, dispersed over the south of England on the 22<sup>nd</sup>.

From this time to the end of the week the dominant system was anticyclonic, the type was northerly, except over the northern parts of our area, where southwesterly and westerly gradients appeared occasionally as certain large depressions passed by our extreme northern coasts on their way from the Atlantic to Northern Europe. Thus while cold and dry weather prevailed over England, with light N.E. breezes and a good deal of fog, S.W. and N.W. winds alternated in the north and brought mild weather and some showers to the Scotch stations.

At the close of the week these conditions were maintained, but there were indications of the advance of a new cyclonic system from the Atlantic towards our northern coasts.



# DAILY WEATHER REPORT

for *Tuesday—29<sup>th</sup> December 1885.*

*Issued by the Meteorological Office, 116, Victoria Street, London, A. 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.		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	28.74	6	23	0	0	28.26	-1.42	9	9	-12	NE	9	6	•	32	5	0.10	
Hernösand	28.56	40	S	6	0	28.28	-1.64	34	30	-2	SW	8	0	•	43	32	0.04	
Stockholm	29.01	41	SW	9	0	28.78	-1.48	39	32	-3	SW	8	0	•	45	39	-	
Wisby	29.36	39	SW	8	0	29.06	-1.44	37	35	-4	W	6	0	•	45	1	-	
Bodö	28.60	24	E	2	0	28.45	-1.23	24	21	-4	E	2	0	1	?	19	-	
Christiansund	28.26	38	W	9	C	28.69	-1.44	31	30	-2	SW	1	0	5	41	28	-	
† Skudesnaes	28.85	39	W	9	C	29.03	-1.31	35	31	-10	W	8	0	6	45	?	-	
(X) (Xtiansund)	28.89	44	SSW	9	0	28.95	-1.53	35	34	-9	W	8	0	6	45	28	0.12	
Skagen (The Skaw)	29.01	42	W	1	0	28.96	-1.60	35	35	-1	W	5	0	4	43	32	0.28	
Fanö	29.28	40	SW	8	0	29.25	-1.58	36	36	-5	W	8	0	•	43	36	0.16	
Cuxhaven	29.54	35	SW	8	0	29.53	-1.55	36	36	-5	W	7	0	•	?	34	0.04	
† Sumburgh Head	28.71	35	W	5	b, ph	29.22	-1.36	27	26	-18	W	6	0	5	46	26	0.16	
† Stornoway	28.98	32	W	6	ph	29.47	-1.52	28	28	-11	W	6	0	5	40	25	0.44	
Wick	28.92	32	SW	6	S	29.36	-1.57	25	25	-19	W	4	0	3	44	25	0.80	
Nairn	29.02	31	SW	4	S	29.44	-1.32	25	23	-20	W	4	0	2	47	25	0.26	
† Aberdeen	29.07	34	W	4	b	29.39	-1.18	28	25	-16	W	6	0	3	46	27	0.05	
Leith	29.21	35	W	6	S	29.55	-1.19	31	30	-12	W	4	0	•	48	29	0.10	
† Shields	29.37	43	SW	7	b	29.59	-1.01	32	32	-14	W	4	0	2	50	31	0.05	
Spurn Head	29.47	40	W	6	b	29.64	-1.19	35	33	-7	W	7	0	5	47	33	0.05	
York	29.48	38	W	3	b	29.70	-1.07	33	31	-11	W	5	0	•	49	32	0.05	
Loughborough	29.61	39	W	3	0	29.80	-1.15	35	31	-7	W	4	0	•	47	34	0.21	
† Ardrossan	29.28	39	W	4	b	29.64	-1.23	32	30	-13	W	0	0	2	46	31	0.29	
Malin Head	29.36	34	W	7	C	29.96	-1.42	34	33	-9	W	8	0	6	43	30	0.11	
† Mullaghmore	29.55	36	W	8	C	29.85	-1.42	37	36	-11	W	7	0	6	48	33	0.24	
† Belmullet	29.62	37	W	9	ph	29.91	-1.44	39	39	-5	W	6	0	•	44	32	0.21	
Donaghadee	29.49	34	W	6	S	29.77	-1.23	33	32	-12	W	2	0	•	45	31	0.18	
Barrow-in-Furness	29.49	39	W	7	C	29.70	-1.00	35	32	-10	W	6	0	•	47	34	0.13	
Liverpool (Bidston)	29.50	39	W	8	b	29.78	-1.00	37	32	-9	W	8	0	6	49	35	0.20	
† Holyhead	29.64	39	W	8	C	29.86	-1.09	36	34	-11	W	6	0	5	49	32	0.15	
Parsonstown	29.72	36	W	3	b	29.98	-1.31	34	32	-12	W	1	0	•	49	31	-	
† Valencia	29.90	41	W	6	C	30.11	-1.33	43	40	-7	W	5	0	16	52	36	0.16	
Roche's Point	29.84	39	W	5	b	30.05	-1.22	39	37	-11	W	5	0	4	50	35	0.12	
Pembroke	29.79	45	W	6	b	30.31	-1.02	41	36	-7	W	6	0	5	49	39	0.10	
† Scilly	29.87	49	W	8	0	30.11	-1.03	44	41	-5	W	6	0	7	52	44	0.10	
Prawle Point	29.80	49	W	6	0	30.05	-1.08	37	35	-9	W	3	0	3	49	35	0.14	
Hurst Castle	29.77	48	W	8	0	30.00	-1.14	38	37	-7	W	5	0	4	49	36	0.16	
† Dungeness	29.82	46	W	8	C	29.90	-1.28	37	37	-6	W	5	0	5	47	36	0.15	
† London	29.69	48	W	6	A	29.90	-1.20	35	34	-7	W	3	0	•	49	34	0.27	
Oxford	29.76	40	W	4	C	29.91	-1.14	33	31	-9	W	2	0	•	49	33	0.24	
Cambridge	29.60	47	W	1	0	29.86	-1.16	34	32	-7	W	2	0	•	48	32	0.16	
† Yarmouth	29.57	45	W	7	0	29.74	-1.29	34	33	-7	W	5	0	3	45	33	0.24	
The Helder	29.57	40	W	9	0	29.63	-1.41	39	34	-3	W	8	0	5	43	39	0.12	
Cape Gris Nez	29.98	47	W	7	0	30.07	-1.18	42	39	-1	W	5	0	4	49	40	0.13	
† Jersey	30.05	51	W	7	0	30.15	-1.14	44	40	-2	W	5	0	5	50	43	0.08	
Brest	30.13	50	W	8	0	30.19	-1.13	44	42	-2	W	4	0	3	52	37	0.04	
Lorient	30.38	39	S	7	0	30.24	-1.24	47	45	-14	W	5	0	2	?	?	0.08	
† Rochefort	30.38	50	W	4	0	30.29	-1.11	50	49	-18	W	5	0	2	64	28	0.08	
Biarritz	*	*	*	*	*	30.50	-1.02	54	53	-9	W	4	0	4	69	45	0.47	
Corunna	*	*	*	*	*	29.88	-1.44	36	33	-5	W	4	0	•	39	?	0.08	
Brussels	*	*	*	*	*	29.95	-1.44	36	35	-9	W	4	0	•	37	26	0.24	
Charleville	30.15	31	W	4	0	30.07	-1.35	41	39	-11	W	4	0	•	44	?	0.08	
Paris	30.26	41	S	4	C	30.27	-1.25	44	44	-7	W	1	0	•	44	?	0.04	
Lyons	30.34	45	W	0	b	30.01	-1.48	41	38	-3	W	5	0	3	54	41	-	
Toulon	30.44																	

## 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 *W. & A. G. Nichol*, London.



# WEATHER CHARTS

for 8 a.m. on Tuesday 29<sup>th</sup> December 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map.)

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

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

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

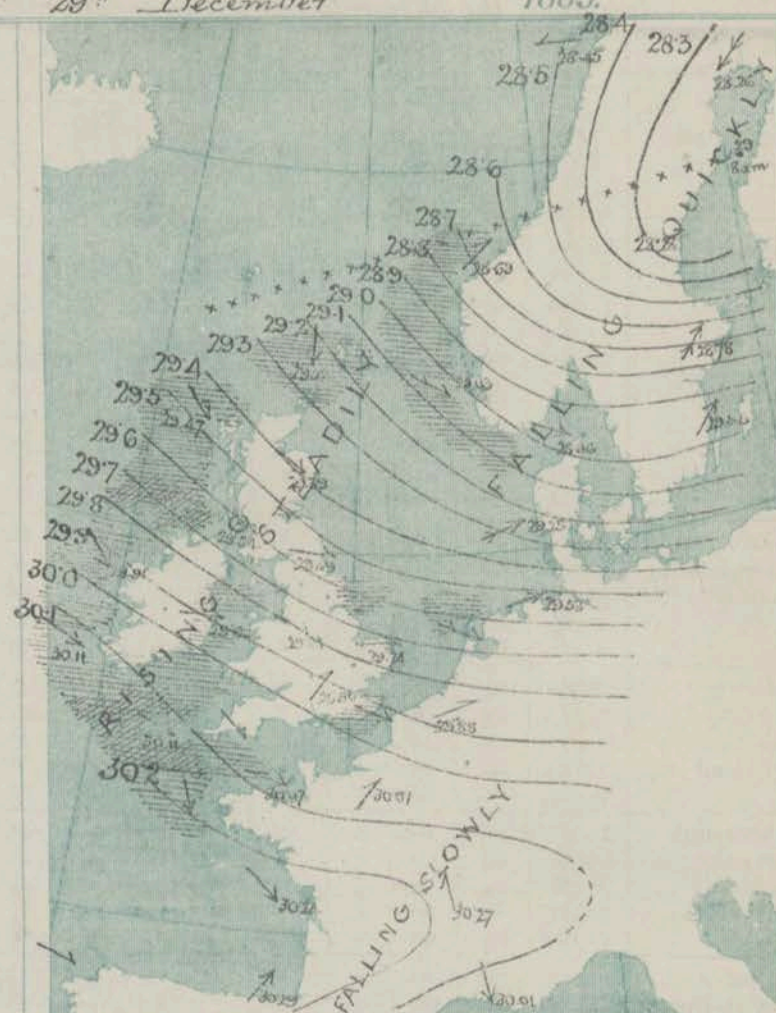
**Sea Disturbance** — where considerable, is shown thus

■ = 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 (in.)
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
Holyhead	29.858
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





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

The deep depression which lay to the northward of our Islands yesterday, has passed away to the Gulf of Bothnia, and the barometer is rising at all but the Swedish, Danish, and some of the French stations. Rather deep gradients for W<sup>ind</sup> and NW<sup>ind</sup> winds prevail over the greater part of Western Europe. The wind is NE<sup>3</sup> at Haparanda, and SW<sup>2</sup> in the south of London, but elsewhere it varies between W and NW; in force it is fresh or strong in most places, with gales in Sweden, Denmark and the south of Norway, as well as at Malin Head and Liverpool. During yesterday fresh or strong gales from SW to W were experienced in nearly all parts of our Islands. Snow is falling in the west of Norway, and also at Haparanda, Miel and York, and showers of hail at several of our western stations, but on our eastern and southern coasts the weather is at present fine. Heavy showers of rain and hail fell yesterday in nearly all parts of the Kingdom, and a severe snowstorm has prevailed at Miel since midnight. Lightning was seen at Mullaghmore yesterday afternoon. Temperature has fallen considerably, and readings now range from 44° at Scilly to 22° at Miel and Kinn. Sharp frosts occurred generally last night. The sea is high at Malin Head and Scilly, and rough or rather so on all the more exposed parts of our coasts. There is at present no sign of the advent of any new disturbances, but conditions are not at all settled.

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

at 2pm on the 26<sup>th</sup> inst. in Lat 42° N. Long 65° W. the barometer fell to 29.1 ins. during a hurricane in which the wind shifted from NE to N.  
At 4pm on the same day " 43° N. Long 62° W " " " 29.3 ins. " " strong gale " " " " " SE to NE.  
and at 6pm " " " " 42° N. " 63° W " " " 29.3 ins. " " fresh gale " " " " " SE to NE.

For the 24 hours ending at NOON on 30<sup>th</sup> December 1885.  
(Issued at 11 a.m. on the previous day.)

*Freddie Duggert*, et al. Lark London, 1931.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	28.97	43	43	SSW	9	n	0	Holyhead	29.56	40	39	W	9	cg	6
Sumburgh Head	28.69	33	33	NNW	6	unsp	6	Valencia	29.81	43	39	NW	6	cg	6
Stornoway	28.95	56	33	W	4	cg/ship	6	Scilly	29.91	51	50	SW	3	0	6
Aberdeen	29.03	40	39	W	5	bcp	3	Dungeneas	29.94	45	44	WSW	4	c	5
Shields	29.28	42	40	SW	4	cp	2	London	29.83	45	45	WSW	6	0	*
Ardrossan	29.27	39	36	W	4	bc	6	Yarmouth	29.75	43	42	SW	6	cg	4
Malin Head	29.40	34	34	NW	4	n	6	Jersey	30.05	46	45	SW	6	c	5
Mullaghmore	29.49	38	34	WNW	8	cnhg	4	Rochefort	30.42	38	36	SSE	4	0	2
Belmullet	29.56	40	36	NW	9	chp	*								

## REMARKS.

The depression in the north is moving eastwards and a rise of the barometer has set in on our extreme western coasts. Elsewhere, however, the mercury continues to fall steadily. The winds are veering in most places; at Holyhead there is a strong  $\frac{1}{2}$  gale and in the northwest of Ireland a NW<sup>4</sup> gale. Sleet and hail showers are falling in the extreme north and northwest. The sea is high at Mullaghmore, and rough on our western, southern, and extreme northern coasts.



# DAILY WEATHER REPORT

for Wednesday 30<sup>th</sup> DEC<sup>r</sup> 1885.

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

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 5 p.m. and Sea Level.	Temp. in Shade.	WIND.			BAROMETER.		SHADE TEMP.			WIND.			Sea (0 to 9).	SHADE TEMP.			
			Direc.	Force. (0 to 12).	Weather.	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	28.76	4	NE	6	o	29.40	+ 1.14	-9	-9	-18	Z	0	o	*	?	?	0.16	
Hernösand	29.01	21	NN	2	b	29.28	+ 1.00	21	19	-13	NE	2	o	*	41	19	-	
Stockholm	29.09	31	SSW	2	bc	29.30	+ .52	26	24	-13	SW	2	b	*	43	?	-	
Wisby	29.13	35	WNW	6	bc	29.24	+ .18	30	30	-7	WNW	6	s	*	39	?	0.20	
Bodö	28.76	23	ENE	4	s	29.16	+ .71	14	12	-10	ENE	6	s	3	?	14	-	
Christiansund	29.06	25	W	4	s	29.25	+ .56	32	31	+ 1	NW	9	o	6	32	21	1.26	
† Skudesnaes	29.31	31	NW	7	c	29.56	+ .53	30	28	-5	WNW	4	o	5	36	30	-	
(Oxö (Stiansund))	28.89	29	WNW	4	b	29.49	+ .56	29	25	-6	NW	4	b	2	36	27	-	
Skagen (The Skaw)	29.22	34	NW	4	bc	29.37	+ .14	31	29	-4	N	3	o	3	36	28	0.12	
Fanö	29.42	29	NW	2	b	29.58	+ .33	33	33	-3	W	6	csp	*	37	27	0.04	
Cuxhaven	29.54	33	W	3	s	29.77	+ .24	32	32	-4	WNW	2	b	*	35	30	-	
† Sumburgh Head	29.41	31	NW	6	bc	29.69	+ .47	26	35	+ 9	NW	3	o	3	36	22	0.02	
† Stornoway	29.74	31	NW	6	sq	29.83	+ .36	34	34	+ 6	SW	3	s	2	36	23	0.12	
Wick	29.64	29	N	2	bc	29.81	+ .45	32	32	+ 7	Z	0	o	0	38	22	0.12	
Nairn	29.72	27	W	3	c	29.87	+ .43	33	31	+ 8	W	1	c	1	35	25	0.05	
† Aberdeen	29.66	27	NW	5	sq	29.88	+ .49	33	31	+ 5	W	1	o	2	33	25	0.02	
Leith	29.80	30	NW	1	b	29.95	+ .40	35	34	+ 4	W	1	cm	*	35	25	-	
† Shields	29.76	33	W	3	b	30.01	+ .42	30	30	-2	SW	2	m	2	33	22	0.03	
Spurn Head	29.69	31	WNW	6	b	30.02	+ .38	31	31	-4	W	5	b	5	36	28	0.02	
York	29.77	29	WNW	5	b	30.06	+ .36	28	28	-5	W	1	b	*	38	24	0.02	
Loughborough	29.81	33	WNW	5	b	30.12	+ .32	30	29	-5	W	2	b	*	38	26	0.04	
† Ardrossan	29.87	33	NW	3	b	29.99	+ .35	30	38	+ 8	WNW	3	o	2	40	30	0.05	
Malin Head	29.92	33	NW	8	bcsp	30.00	+ .24	41	41	+ 7	SW	3	cm	4	42	31	0.11	
† Mullaghmore	30.04	38	WNW	6	bcq	30.11	+ .27	44	43	+ 7	WNW	5	cm	5	44	35	0.05	
Belmullet	30.13	36	WNW	6	bc	30.15	+ .24	46	45	+ 7	W	7	o	*	46	35	0.22	
Donaghadee	29.96	31	WNW	2	b	30.09	+ .32	33	32	0	W	2	c	0	35	29	0.06	
Barrow-in-Furness	29.83	33	WNW	7	b	30.08	+ .38	38	37	+ 3	NW	3	bc	*	39	31	0.02	
Liverpool (Bidston)	29.84	35	WNW	7	b	30.12	+ .34	37	35	0	WNW	5	bc	4	38	32	0.08	
† Holyhead	29.94	37	NW	9	cq	30.16	+ .30	40	38	+ 4	WNW	4	c	3	40	31	0.04	
Parsonstown	30.11	34	WNW	1	c	30.23	+ .25	37	35	+ 3	SW	1	og	*	40	31	0.02	
† Valencia	30.21	44	NW	5	cp	30.34	+ .23	46	45	+ 3	WNW	3	c	3	47	44	0.10	
Roche's Point	30.10	39	NW	5	bc	30.31	+ .26	42	40	+ 3	WNW	3	c	4	43	38	-	
Pembroke	30.02	40	NW	6	c	30.34	+ .23	41	39	0	NW	4	c	2	43	38	0.04	
† Scilly	30.07	44	WNW	7	chp	30.30	+ .19	45	43	+ 1	NW	6	cq	6	47	40	0.11	
Prawle Point	30.01	36	W	5	c	30.28	+ .23	35	33	-2	WNW	3	bc	3	43	31	0.05	
Hurst Castle	29.92	39	WNW	6	r	30.21	+ .21	33	32	-5	WNW	3	b	2	40	30	0.03	
† Dungeness	29.87	36	WNW	4	b	30.11	+ .21	33	33	-4	WNW	3	b	2	45	26	0.01	
† London	29.83	36	W	4	c	30.15	+ .25	28	28	-7	S	1	b	*	40	27	0.02	
Oxford	29.94	33	NW	5	b	30.17	+ .26	29	28	-4	W	2	b	*	39	28	0.04	
Cambridge	29.87	33	W	1	o	30.13	+ .27	28	27	-6	NW	1	b	*	39	24	0.04	
† Yarmouth	29.69	35	W	5	og	30.03	+ .29	26	25	-8	WNW	2	bm	4	35	23	0.25	
The Helder	29.61	35	WNW	7	s	29.89	+ .26	34	32	-5	NW	4	bc	3	39	32	0.12	
Cape Gris Nez	29.8P	39	WNW	7	bc	30.07	+ .19	33	32	-1	N	9	b	7	43	30	-	
† Jersey	30.02	44	WNW	5	bcsp	30.26	+ .19	39	35	-3	WNW	4	bc	3	45	34	0.14	
Brest	30.16	44	WNW	7	b	30.31	+ .16	41	36	-5	N	5	bc	5	46	39	0.12	
Lorient	30.19	44	NW	5	b	30.33	+ .14	40	37	-4	NW	5	b	3	32	34	-	
† Rochefort	30.27	45	NW	5	bc	30.30	+ .06	39	35	-8	N	8	b	3	50	34	-	
Biarritz	30.26	52	WNW	7	o	30.34	- .08	45	44	-5	WNW	8	bc	4	55	43	0.20	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.02	+ .14	29	28	-7	NNE	3	bc	*	39	28	0.12	
Charleville	29.95	31	W	4	b	29.95	00	30	?	-6	NE	1	bc	*	41	26	0.08	
Paris	30.02	42	SSW	4	o	30.17	+ .10	31	30	-10	W	4	b	*	*	*	0.08	
Lyons	30.03	39	NW	3	o	29.96	- .31	31	29	-3	WNW	5	o	*	?	30	0.08	
Toulon	30.01	43	NW	7	m	29.79	- .22	39	34	-2	NW	8	bc	5	40	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).

Printed by D. B. D. & Co. Ltd. London



# WEATHER CHARTS

For 8 a.m. on WEDNESDAY, 30<sup>TH</sup> DECEMBER 1885.

## 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 bars and feathers refer to force, thus—

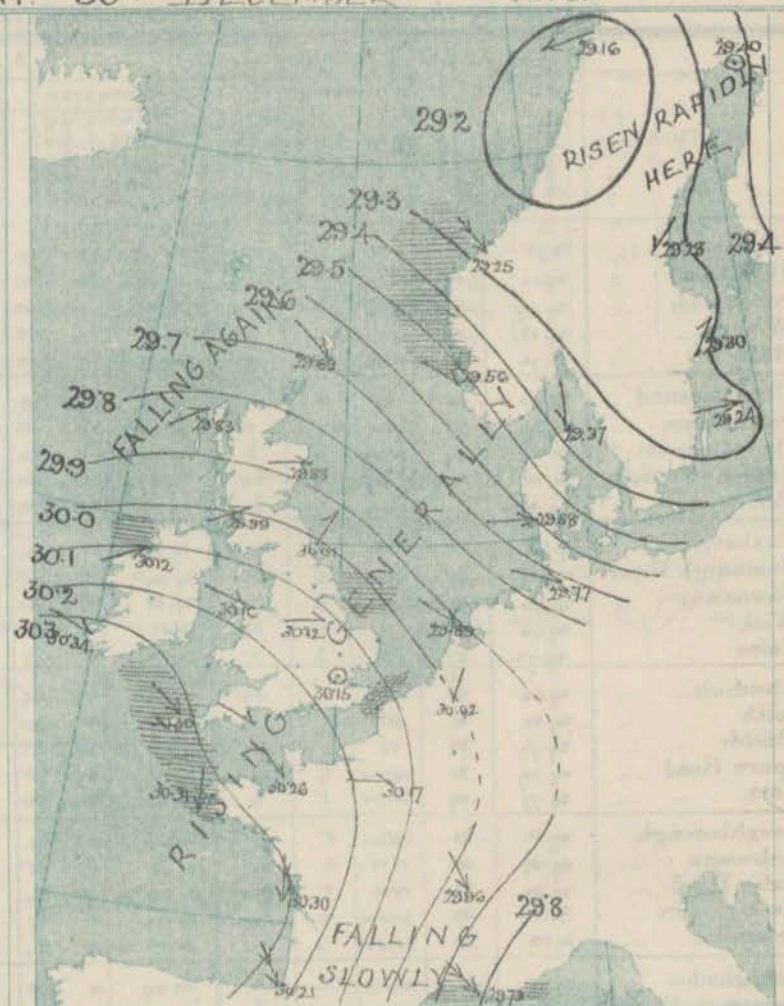
→ = Forces above 10, → = forces 8 to 10,  
 → = forces 5 to 7, → = forces 1 to 4,  
 ○ = dead calm.

**Sea Disturbances**—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
Holyhead	29.853
Liverpool	29.882
Valencia	29.879
Roche's Point	29.889
Pembroke	29.897
Selly	29.943
Hurst Castle	29.938
Dover	29.942
LONDON	29.984
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.

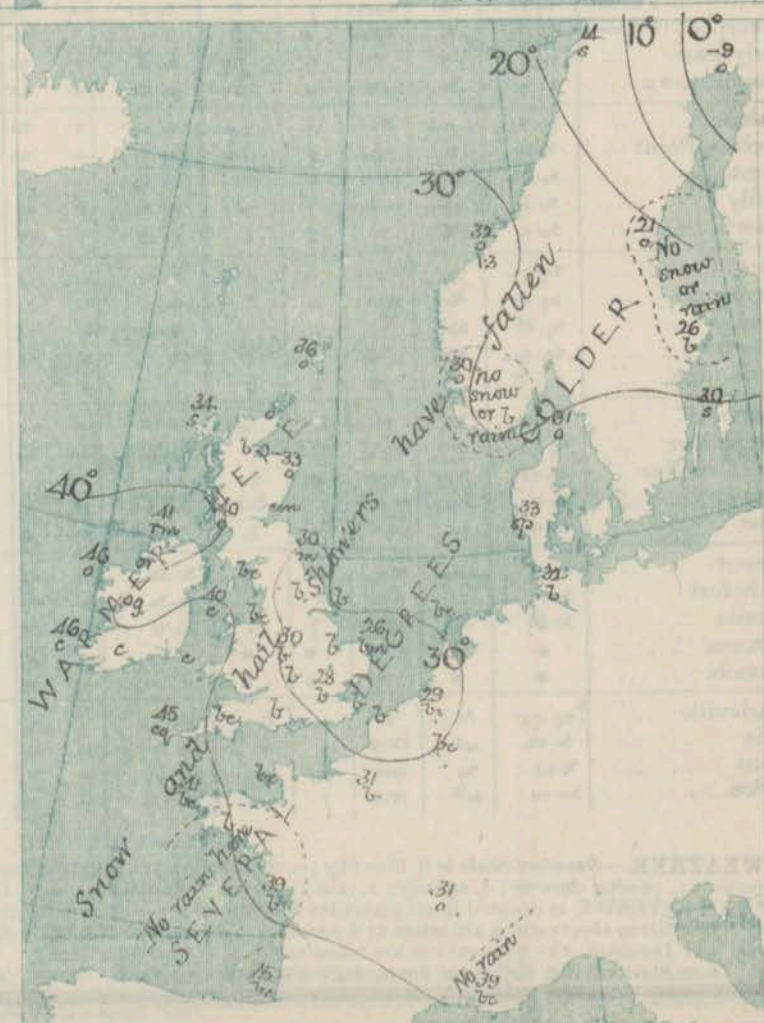
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.61
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.13
Hurst Castle	45.5	36.5	40.6	39.9	2.98
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	38.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	37.9	37.2	2.90

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 30<sup>th</sup> December 1885. at 8 a.m.

The depression noticed over the Gulf of Bothnia yesterday has travelled away to the eastward, but a new though shallower disturbance has appeared over the northwest of Norway, and, as the barometer has begun to fall again on our extreme northwest coasts it is probable that yet another cyclonic system is approaching from the Atlantic. A sharp E<sup>ly</sup> breeze is reported at Bodø and a NW<sup>ly</sup> gale at Christiansund but moderate or fresh W<sup>ly</sup> or NW<sup>ly</sup> winds are reported in most other parts of Western Europe. In the west of Scotland and north of Ireland, however, the wind has backed to the SW<sup>ly</sup>. The weather is dull in the extreme west and northwest with snow at Bodø and Hornøya and rain in the north of Ireland. At our eastern, southern and the French stations, however, the sky is clear or nearly so. During yesterday showers of hail or snow fell in all parts of the Kingdom and eight thunderstorms were experienced at Liverpool and Jersey. A solar halo was seen at Lifford on yesterday morning and lightning occurred there at night. Temperature has risen a little in Scotland and Ireland but fallen several degrees elsewhere; readings now range from 46° at Belmullet and Malinbeg to 26° at Yarmouth. Sharp frost occurred over England last night; in London the thermometer on the grass fell to 17°. The sea is rough off the coast of Norway and also at Lifford, rather rough at Spurn Head and Mullaghmore, moderate to smooth elsewhere.

The weather remains in a very unsettled state, and the new depression which is approaching Scotland is likely to occasion a considerable increase of wind on our northern coasts.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 24<sup>th</sup> inst. in Lat. 48° N. Long. 46° W.

# FORECASTS

for the 24 hours ending at NOON on 31<sup>st</sup> December 1885.  
(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, increasing in force, unsettled, some snow.	6 { SCOTLAND WEST	Same as N <sup>os</sup> 0. and 1.
1 { SCOTLAND EAST	----- D <sup>o</sup> ----- D <sup>o</sup> -----	7 { ENGLAND N.W.	Same as N <sup>o</sup> 2.
2 { ENGLAND N.E.	W <sup>ly</sup> winds, moderate to fresh, fair to unsettled and some snow.	8 { ENGLAND S.W.	Same as N <sup>os</sup> 3. to 5.
3 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	SW <sup>ly</sup> and W <sup>ly</sup> winds, increasing in force, squally, some rain or sleet.
4 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5.	10 { IRELAND SOUTH	W <sup>ly</sup> winds, freshening, fair to unsettled and some rain.
5 { ENGLAND SOUTH	NW <sup>ly</sup> and W <sup>ly</sup> winds, moderate to fresh, fair generally.	WARNINGS	The S. cone has been hoisted this morning in district 0.



# 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	29.17	32	31	NW	8	oshq	5	Holyhead	29.80	38	37	W	9	rhgm	6
Sumburgh Head	29.35	25	25	NNW	5	s	5	Valencia	30.12	45	42	NNW	5	cq/p	5
Stornoway	29.68	29	29	NW	5	ampe	4	Scilly	30.09	46	42	NNW	7	c	7
Aberdeen	29.55	28	27	NNW	4	sp	3	Dungeness	29.91	41	38	NNW	4	bc	4
Shields	29.56	32	31	W	3	bcsp	3	London	29.88	40	36	NNW	4	c	*
Ardrossan	29.89	34	31	NW	6	b	5	Yarmouth	29.74	35	33	W	5	bc	4
Malin Head	29.76	34	33	NNW	8	o	7	Jersey	30.06	42	39	NW	5	bc	4
Mullaghmore	29.92	39	34	NW	8	chgr	6	Rocheport	30.23	49	45	NW	5	bc	2
Behnullet	30.01	39	36	NNW	6	bcp	*								

## REMARKS.

The barometer is now falling a little at many of the English stations, but in Ireland and Scotland it continues to rise. The wind has increased to a strong gale from W. at Holyhead, and to a fresh gale <sup>from NW at Malin Hd</sup> and Mullaghmore. Snow showers are falling in the north and north-east, and hail or rain in the west, but in the SE. of England the weather remains fine. The sea is high at Malin Head, Scilly, and rough on our western and extreme northern coast generally.

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



# DAILY WEATHER REPORT

for Thursday 31<sup>st</sup> December 1885.

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	29.71	-19	2	0	bc	29.72	+ .32	-9	-9	0	N	2	0	*	16	-20	—	
Hernösand	29.49	19	NE	4	0	29.69	+ .41	8	7	-13	N	2	0	*	25	?	—	
Stockholm	29.50	21	W	2	0	29.72	+ .42	14	13	-12	WNW	2	0	*	32	?	—	
Wisby	29.46	30	WNW	6	b	29.70	+ .46	26	25	-4	NNW	6	bc	*	35	?	0.04	
Bodö	29.57	8	ENE	4	b	29.54	+ .38	6	5	-8	ENE	4	0	2	14	5	—	
Christiansund	29.55	28	ESE	2	b	29.36	+ .11	32	30	0	SE	6	0	4	32	23	0.75	
† Skudesnaes	29.65	34	SSE	6	s	29.49	- .07	36	35	+ 6	SE	8	0	5	?	30	—	
Oxö († Christiansund)	29.67	31	NW	4	b	29.65	+ .14	37	36	+ 8	SE	4	0	3	?	27	—	
Skagen (The Skaw)	29.65	34	E	2	b	29.71	+ .34	34	32	+ 3	E	2	c	2	?	30	—	
Fanö	29.80	33	SW	2	c	29.69	+ .11	33	33	0	S	6	0	*	36	32	0.08	
Cuxhaven	29.92	31	W	4	s	29.81	+ .04	32	32	0	SSW	5	s	*	34	30	—	
† Sumburgh Head	29.46	35	SSW	3	r	29.30	- .39	46	45	+ 10	W	4	r	4	46	32	0.12	
† Stornoway	29.48	46	WNW	6	ry	29.58	- .25	47	47	+ 13	W	6	cy	5	47	32	0.90	
Wick	29.41	38	S	2	r	29.52	- .29	42	41	+ 10	WNW	6	bc	1	42	30	0.75	
Nairn	29.49	41	W	1	r	29.59	- .28	48	46	+ 15	W	3	0	1	48	33	0.26	
† Aberdeen	29.35	35	SSW	2	r	29.59	- .29	43	41	+ 10	W	2	bc	1	45	32	0.24	
Leith	29.59	45	W	2	0	29.71	- .24	47	46	+ 12	W	3	bc	*	48	33	0.11	
† Shields	29.66	42	SSW	4	r	29.72	- .29	45	43	+ 15	SW	2	bc	2	46	30	0.15	
Spurn Head	29.83	35	SSW	5	0	29.76	- .26	44	41	+ 10	WNW	4	0	4	43	30	0.20	
York	29.83	36	S	3	r	29.80	- .26	43	42	+ 15	W	1	0	*	46	28	0.21	
Loughborough	29.94	36	SW	5	r	29.83	- .29	46	45	+ 16	WNW	4	cy	*	46	30	0.08	
† Ardrossan	29.69	48	WNW	7	r	29.78	- .21	48	48	+ 8	W	3	0	2	48	39	0.38	
Malin Head	29.79	46	WNW	6	opq	29.88	- .12	46	46	+ 5	WNW	5	d	5	50	38	0.37	
Mullaghmore	29.98	47	W	6	0	29.98	- .14	48	48	+ 4	WNW	6	orm	5	48	44	0.14	
Belmullet	29.99	48	WNW	7	0	30.06	- .09	49	49	+ 3	WNW	6	0	0	49	46	0.06	
Donaghadee	29.83	46	NW	5	0	29.86	- .23	48	48	+ 15	NW	5	r	3	49	32	0.09	
Barrow-in-Furness	29.70	43	SW	5	r	29.82	- .26	46	45	+ 8	NW	5	0	*	46	38	0.41	
Liverpool (Bidston)	29.86	44	WSW	6	r	29.86	- .26	45	44	+ 8	W	7	0	5	45	37	0.37	
† Holyhead	29.93	47	WSW	5	omq	29.94	- .22	48	48	+ 8	W	5	orm	5	49	35	0.25	
Parsonstown	30.07	47	SW	3	0	30.06	- .17	48	47	+ 11	W	1	0	*	49	35	0.01	
† Valencia	30.25	48	WNW	5	ogmg	30.21	- .13	50	49	+ 4	NNW	5	omq	5	50	45	0.11	
Roche's Point	30.15	40	WNW	4	c	30.13	- .18	50	48	+ 8	WNW	3	c	4	50	40	—	
Pembroke	30.05	45	WNW	6	0	30.04	- .20	48	47	+ 7	NW	4	cy	3	49	40	0.11	
† Scilly	30.22	49	NNW	7	ry	30.11	- .19	50	50	+ 5	WNW	6	0	6	50	43	0.04	
Prawle Point	30.18	45	W	3	0	30.04	- .24	46	45	+ 11	NW	4	c	3	46	34	0.07	
Hurst Castle	30.15	40	W	5	r	29.94	- .27	45	44	+ 12	WNW	5	c	3	46	31	0.12	
† Dungeness	30.13	37	WNW	3	b	29.86	- .35	44	44	+ 11	WNW	3	0	3	44	27	0.24	
London	30.10	35	WSW	3	ors	29.89	- .26	45	44	+ 17	WNW	3	0	*	45	28	0.27	
Oxford	29.98	37	SW	4	r	29.91	- .24	45	44	+ 16	W	3	r	*	46	29	0.20	
Cambridge	30.01	34	SW	2	0	29.85	- .28	46	45	+ 18	W	1	0	*	46	26	0.18	
† Yarmouth	30.00	36	WSW	3	ops	29.78	- .25	43	42	+ 17	WNW	3	cm	4	43	24	0.31	
The Helder	29.95	37	SW	3	bc	29.68	- .21	41	40	+ 7	SW	1	f	3	41	30	0.12	
Cape Griz Nez																		
† Jersey	30.25	42	WNW	4	ogpm	30.06	- .20	48	45	+ 9	NW	5	ogrg	4	48	38	0.10	
Brest	30.34	47	W	4	0	30.15	- .16	48	46	+ 7	N	7	r	5	?	39	0.08	
Lorient	30.35	45	NW	7	bc	30.16	- .17	47	46	+ 7	NW	7	0	3	?	36	—	
† Rochefort	30.42	42	NW	5	0	30.22	- .08	46	46	+ 7	NW	5	0	2	48	39	0.20	
Biarritz	30.45	39	ESE	4	b	30.29	+ .08	50	47	+ 5	W	5	r	3	54	25	0.12	
Coronna	*	*	*	*	*	30.59	?	46	46	- 4	ENE	1	f	4	54	43	0.04	
Brussels	*	*	*	*	*													
Charleville	30.20	19	SE	4	b	29.97	+ .02	30	30	0	SSW	4	s	*	36	17	0.39	
Paris	30.27	36	NW	4	b	29.99	- .18	38	37	+ 7	S	4	f	*	*	*	0.08	
Lyons	30.26	29	N	7	b	30.26	+ .30	23	22	- 8	SSW	1	0	*	?	21	—	
Toulon																		

## 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 chart.

Printed by George and John, London



# WEATHER CHARTS

For 8 a.m. on Thursday, 31<sup>st</sup> December, 1885.

## 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 —

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

— = forces 5 to 8; — = forces 1 to 4;

○ = dead calm.

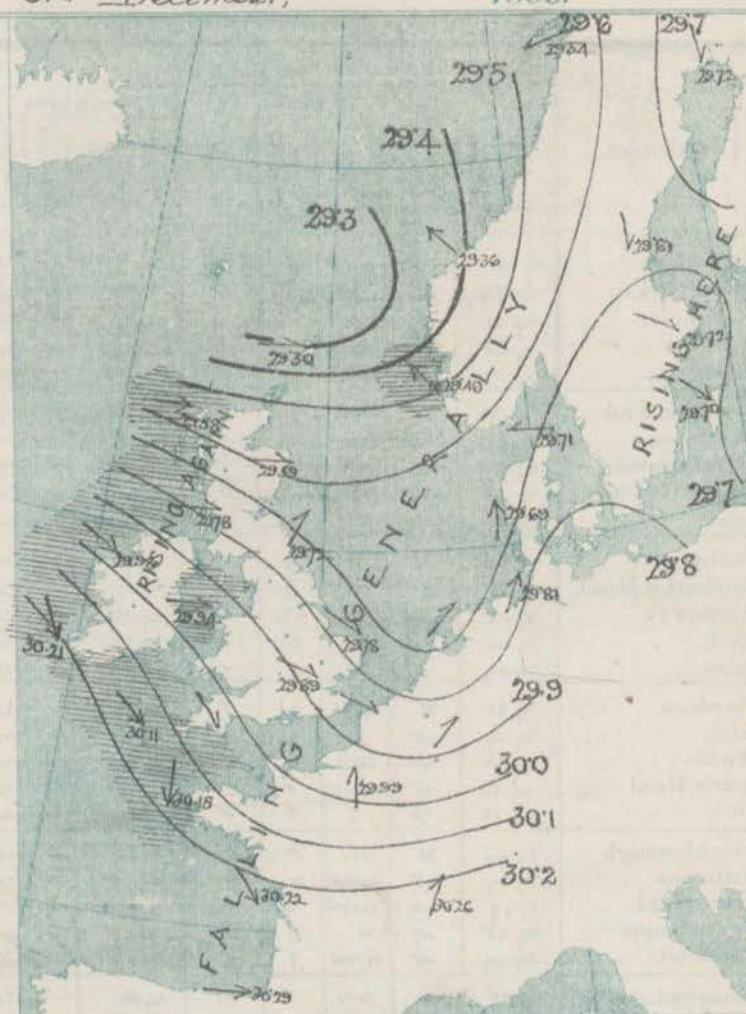
**Sea Disturbance** — where considerable is shown thus

— = 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 in.
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
Holyhead	29.858
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.

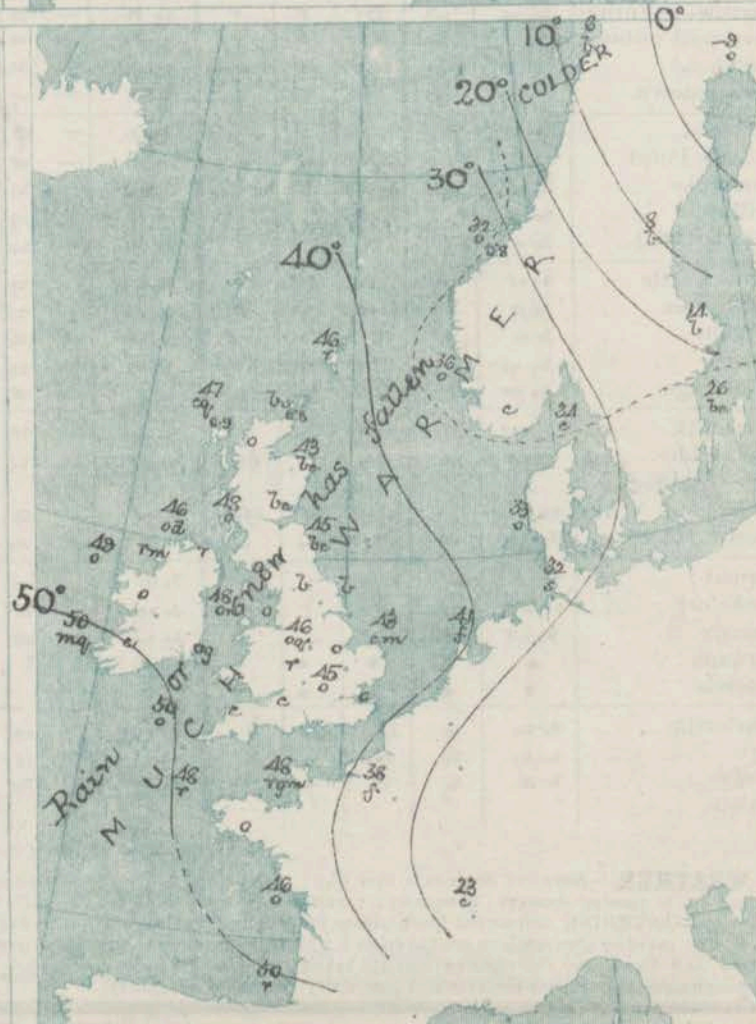
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of December

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min	At 8 a.m. Dry	Wet	
Sumburgh Head	42.0	34.5	39.0	37.6	4.13
Stornoway	44.8	33.5	38.9	37.8	5.01
Wick	42.0	32.1	37.8	36.4	3.21
Nairn	41.5	32.8	36.9	35.4	2.01
Aberdeen	41.8	32.9	36.9	35.3	3.42
Leith	44.3	33.6	38.4	37.0	1.95
Shields	42.8	34.3	39.2	36.9	3.03
York	42.5	31.9	36.2	35.4	2.54
Ardrossan	47.0	36.1	40.1	38.3	4.17
Donaghadee	46.7	36.1	40.1	39.1	2.85
Holyhead	46.8	39.6	42.9	41.3	4.03
Liverpool	43.6	35.7	39.1	37.4	2.89
Valencia	50.0	40.0	44.7	41.8	6.05
Roche's Point	47.7	39.3	42.9	41.4	4.89
Pembroke	47.1	40.4	43.7	42.6	4.26
Scilly	49.8	43.9	47.2	45.3	4.18
Hurst Castle	45.5	36.5	40.6	39.9	2.95
Dover	44.2	36.5	40.0	38.8	3.51
LONDON	44.5	33.9	38.1	37.1	2.28
Oxford	43.3	33.6	37.3	36.6	2.19
Cambridge	43.3	31.8	36.3	35.6	2.02
Yarmouth	42.2	33.8	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 31<sup>st</sup> December 1885. at 8 a.m.

The depression which was approaching our northern coasts yesterday is now lying to the northward of the Shetlands but a subsidiary "hollow" has appeared over the southern part of the North Sea, so that while the barometer is rising a little in the north and northwest of our Islands it is falling in the south and southeast. The wind is S.W. over the Netherlands and Denmark and S.E. in Norway, but elsewhere it varies between W and NW: in force it is moderate on our eastern and southern coast, but strong in the northwest. The weather is fine on the east coasts of Great Britain, as well as at many of the Scandinavian stations, but cloudy or overcast elsewhere, with snow at Copenhagen and Charlville, and rain in the north of Ireland. Snow fell yesterday at most of our northern and eastern stations, and rain in the west and southwest. Temperature has risen considerably, and readings now range from 50° at Valencia and Sillery to 41° at Spurn Head. The sea is rough at Sillery and rather rough on our western coast generally, as well as at Hornumoy, but moderate to smooth elsewhere.

The depression in the north seems likely to travel away in an easterly direction, but conditions are still very unsettled.

## FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	W <sup>ly</sup> to NW <sup>ly</sup> winds, strong, perhaps a gale; squally, showery.	6 { SCOTLAND WEST	Same as N <sup>o</sup> 0.
2 { SCOTLAND EAST	W <sup>ly</sup> to NW <sup>ly</sup> winds, increasing in force; fine to squally and showery.	7 { ENGLAND N.W.	Same as N <sup>o</sup> 0.
3 { ENGLAND N.E.	-----D <sup>o</sup> -----D <sup>o</sup> -----	8 { ENGLAND S.W.	NW <sup>ly</sup> winds, strong, unsettled, some showers.
4 { ENGLAND EAST	Same as N <sup>o</sup> 5	9 { IRELAND NORTH	Same as N <sup>o</sup> 0.
5 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5	10 { IRELAND SOUTH	Same as N <sup>o</sup> 8
6 { ENGLAND SOUTH	NW <sup>ly</sup> winds, freshening; changeable, some showers.	WARNINGS	
		The N. cone was hoisted yesterday on all coasts, but the signals have been lowered this morning in districts 2, 3, 5, 8, and 10.	



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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes	29.65	32	30	NW	2	C	4	Holyhead	30.03	42	42	SW	5	rmu	4
Sumburgh Head	29.60	35	33	SSW	2	0	2	Valencia	30.29	49	47	WNW	5	omgp	5
Stornoway	29.51	41	41	WNW	5	0	5	Scilly	30.30	48	45	W	5	0	6
Aberdeen	29.70	33	32	SSW	3	5	1	Dungeness	30.17	37	36	NNW	3	bc	2
Shields	29.90	35	34	SSW	2	5	2	London	30.16	37	36	W	3	om	*
Ardrossan	29.74	47	46	W	7	r	6	Yarmouth	30.06	32	31	W	3	ben	4
Malin Head	29.79	46	46	WNW	5	0	6	Jersey	30.27	43	40	NW	3	0	3
Mullaghmore	30.00	47	46	W	6	r	6	Rochefort	30.41	42	37	NNW	7	b	3
Belmullet	30.08	48	47	WNW	5	0	*								

## REMARKS.

The barometer is now falling at all but our south-eastern and southern stations—quickly in the north. The wind has backed to SSW. at Sumburgh Head, Aberdeen and Shields. Rain is falling on our north-west coasts, and snow at Aberdeen and Shields, but in the south-east of England the weather is at present fair. The sea is rough on many parts of our western coast as well as at Stornoway.



## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR

DEC<sup>R</sup> 1885.

## 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.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.			
				Direc.	Force, (0 to 12.)			Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force, (0 to 12.)	Max.	Min.			Amount of Rainfall.			
1 <sup>st</sup>	Cape Gris Neg...	29.80	53	NSW	9	N	30.10		46	-	-7	N	4	bc	3	54	45	0.16		
"	Corunna.....	*	*	*	*	*	30.39	+01	36	35	-1	S	1	N	4	61	48	-		
"	Brussels.....	*	*	*	*	*	30.11	+29	45	44	-13	N	1	b	*	58	45	0.71		
3 <sup>rd</sup>	Cape Gris Neg...	30.20	46	SW	4	bc	30.11	-21	43	-	+4	S	7	0	4	48	39	-		
"	Corunna.....	*	*	*	*	*	30.34	+09	51	51	-1	ESE	1	c	4	59	45	-		
4 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.30	-04	47	44	-4	S	5	0	4	59	45	-		
5 <sup>th</sup>	Cape Gris Neg...	29.75	47	SW	11	b	29.81	+04	45	-	-2	W	8	bc	6	50	45	0.16		
"	Brest.....	-	-	-	-	-	30.01	+12	47	-	-1	SW	4	c	5	55	43	0.01		
"	Brussels.....	-	-	-	-	-	29.83	-05	37	36	-3	NSW	4	bc	*	47	36	0.16		
6 <sup>th</sup>	Cape Gris Neg...	29.67	45	SE	4	N	29.39	-42	43	-	-2	NE	4	N	1	48	39	0.85		
7 <sup>th</sup>	Cape Gris Neg...	29.61	42	E	1	m	29.72	+33	36	-	-7	E	7	bc	5	45	36	-		
"	Corunna.....	*	*	*	*	*	29.65	-30	36	55	-4	S	1	0	4	61	54	0.32		
8 <sup>th</sup>	Corunna.....	*	*	*	*	*	29.87	+22	54	52	-2	NE	3	0	4	57	50	0.32		
9 <sup>th</sup>	Cape Gris Neg...	30.02	38	N	8	c	30.27	+34	32	-	-1	NNE	8	c	6	41	32	-		
"	Corunna.....	*	*	*	*	*	30.00	+13	55	52	-1	NE	8	c	6	59	50	0.16		
10 <sup>th</sup>	Malin Head	29.40	40	N	4	b	29.54	+18	36	33	-6	NNE	3	bc	3	45	35	0.05		
"	Malin Head 2pm	-	-	-	-	-	30.56	-	36	33	-	N	2	bc	2	-	-	-		
11 <sup>th</sup>	Malin Head	30.56	36	NW	3	c	30.42	-12	38	38	+2	SW	3	og	3	39	34	0.01		
"	Cape Gris Neg...	30.34	35	N	8	b	30.40	+25	33	-	-1	N	7	b	6	41	32	0.04		
"	Lorient.....	30.44	35	ESE	5	b	30.56	+31	30	-	-9	NE	3	b	3	41	23	-		
"	Bianity.....	30.26	39	E	4	c	30.39	+18	28	-	-2	E	3	b	1	45	28	-		
12 <sup>th</sup>	Skagen.....	30.86	25	SW	3	0	30.11	-25	30	28	+7	SW	5	c	2	30	23	-		
"	Danz.....	30.35	26	S	2	b	30.21	-15	35	34	+19	S	4	c	*	36	16	-		
"	Brest.....	-	-	-	-	-	30.43	-11	38	-	+2	SE	4	c	3	39	35	-		
"	Corunna.....	*	*	*	*	*	30.33	?	41	39	?	E	3	b	3	50	37	-		
13 <sup>th</sup>	Cape Gris Neg...	30.28	39	W	5	0	30.26	-11	45	?	+8	NSW	5	0	4	45	37	-		
14 <sup>th</sup>	Lorient.....	30.26	35	E	4	0	30.24	+07	38	-	+1	E	3	0	1	?	34	0.12		
15 <sup>th</sup>	Cape Gris Neg...	30.38	45	W	0	0	30.43	+06	44	-	-2	S	1	0	1	48	43	-		
"	Corunna.....	*	*	*	*	*	30.32	-02	48	44	+7	ESE	1	c	3	57	39	-		
"	Brussels.....	*	*	*	*	*	30.50	+13	39	39	+1	SW	1	f	*	42	37	-		
16 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.11	-21	47	46	-1	ESE	3	m	1	50	43	-		
17 <sup>th</sup>	Cape Gris Neg...	30.45	44	SW	7	bc	30.44	-05	46	-	+9	NSW	4	f	3	?	37	-		
"	Corunna.....	*	*	*	*	*	30.08	-03	42	40	-5	E	1	f	3	61	37	-		
21 <sup>st</sup>	Cape Gris Neg...	30.18	42	SW	5	b	30.16	-02	39	-	-4	SE	3	c	1	46	25	-		
"	Corunna.....	*	*	*	*	*	30.25	-03	47	46	-4	NSW	1	0	4	59	45	-		
22 <sup>nd</sup>	Skagen.....	30.21	34	SW	3	0	30.10	-00	38	37	0	SW	2	f	1	?	32	0.04		
"	Brest.....	-	-	-	-	-	30.21	+05	43	-	-2	NNE	5	c	1	48	41	-		
"	Corunna.....	*	*	*	*	*	30.24	-01	49	48	+2	NE	8	n	8	55	45	0.59		
23 <sup>rd</sup>	Cape Gris Neg...	30.31	44	NNE	7	f	30.45	+28	40	-	-4	NNE	5	c	5	46	39	-		
"	Corunna.....	*	*	*	*	*	30.34	+10	51	49	+2	NE	5	b	5	52	46	0.08		
25 <sup>th</sup>	Cape Gris Neg...	30.45	32	NNE	3	b	30.38	-03	31	-	-4	SW	1	b	1	37	30	-		
26 <sup>th</sup>	Lorient.....	30.18	48	SW	2	b	30.07	-08	42	-	-3	N	1	m	1	54	39	-		
27 <sup>th</sup>	Cape Gris Neg...	30.41	43	N	1	m	30.51	+18	41	-	-1	S	1	0	0	45	39	-		
28 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.52	-05	45	44	+6	E	1	b	2	54	37	-		
"	Brussels.....	*	*	*	*	*	30.32	-26	31	30	-2	SW	3	f	*	40	30	-		
29 <sup>th</sup>	Cape Gris Neg...	29.86	41	NSW	11	0	29.89	-30	40	-	-1	NSW	9	bc	9	45	39	0.12		
30 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.59	+09	50	47	-4	N	4	c	6	55	45	0.20		
31 <sup>st</sup>	Cape Gris Neg...	30.10	39	NW	5	b	29.83	-18	46	-	+13	NSW	7	0	6	?	?	0.43		
"	Corunna.....	*	*	*	*	*	29.85	-26	34	34	-16	SSW	5	N	*	?	34	0.35		

Continued on page 4.

Continued on page 4.



## 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 ...	29.751	40.3	35.1	43.9	39.5	20	8 <sup>th</sup> and 9 <sup>th</sup>	59	17 <sup>th</sup>	0.227
	{ Wick ...	29.873	39.3	33.7	43.7	38.7	20	8 <sup>th</sup> and 10 <sup>th</sup>	54	16 <sup>th</sup>	.219
	{ Stornoway ...	29.885	46.8	35.3	44.6	40.0	23	7 <sup>th</sup> , 8 <sup>th</sup> and 30 <sup>th</sup>	53	16 <sup>th</sup>	.245
1. SCOTLAND, E.	{ Nairn ...	29.919	39.4	34.4	44.7	39.6	19	10 <sup>th</sup>	56	16 <sup>th</sup>	.210
	{ Aberdeen ...	29.945	37.5	32.6	43.7	38.2	22	11 <sup>th</sup> and 12 <sup>th</sup>	57	16 <sup>th</sup>	.190
	{ Leith ...	30.030	39.7	35.3	44.8	40.1	23	7 <sup>th</sup> and 11 <sup>th</sup>	56	16 <sup>th</sup>	.216
2. ENGLAND, N.E.	{ Shields ...	30.078	39.0	33.5	44.2	38.9	20	11 <sup>th</sup>	57	16 <sup>th</sup>	.209
	{ York ...	30.144	36.6	31.5	43.7	37.6	16	11 <sup>th</sup>	53	3 <sup>rd</sup> and 16 <sup>th</sup>	.197
	{ Spurn Head ...	30.126	38.3	34.9	42.6	38.8	27	9 <sup>th</sup> and 11 <sup>th</sup>	52	3 <sup>rd</sup>	.217
3. ENGLAND, E.	{ Yarmouth ...	30.166	37.9	33.5	42.2	37.9	23	30 <sup>th</sup>	49	17 <sup>th</sup>	.202
	{ Cambridge ...	30.205	36.5	31.5	43.3	37.4	20	11 <sup>th</sup>	51	3 <sup>rd</sup> , 15 <sup>th</sup> , 17 <sup>th</sup> and 30 <sup>th</sup>	.202
4. MIDLAND COUNTIES.	{ Loughborough ...	30.187	37.1	32.9	43.6	38.3	21	8 <sup>th</sup>	52	16 <sup>th</sup> and 17 <sup>th</sup>	.197
	{ Oxford ...	30.228	36.7	33.4	43.4	38.4	23	11 <sup>th</sup>	51	3 <sup>rd</sup> and 15 <sup>th</sup>	.200
5. ENGLAND, S.	{ London ...	30.222	37.3	33.5	44.7	39.1	22	11 <sup>th</sup> and 12 <sup>th</sup>	52	3 <sup>rd</sup> and 15 <sup>th</sup>	.203
	{ Dungeness ...	30.206	39.5	35.1	45.0	40.1	23	11 <sup>th</sup> and 12 <sup>th</sup>	52	1 <sup>st</sup>	.235
	{ Hurst Castle ...	30.233	39.8	35.3	46.6	41.0	22	11 <sup>th</sup> and 12 <sup>th</sup>	53	6 <sup>th</sup> and 7 <sup>th</sup>	.230
6. SCOTLAND, W.	Ardrossan ...	30.068	41.2	37.4	44.8	41.1	22	8 <sup>th</sup>	51	16 <sup>th</sup>	.237
7. ENGLAND, N.W.	{ *Hawes Junction ...	28.864	34.3	29.4	39.2	34.3	15	11 <sup>th</sup>	50	18 <sup>th</sup>	.182
	{ Barrow-in-Furness ...	30.138	39.6	36.1	43.7	39.9	25	8 <sup>th</sup> and 11 <sup>th</sup>	51	3 <sup>rd</sup>	.219
	{ Liverpool Obs <sup>y</sup> (Bidston) ...	30.164	39.8	36.6	44.2	40.4	27	8 <sup>th</sup> and 9 <sup>th</sup>	53	3 <sup>rd</sup>	.208
	{ Holyhead ...	30.173	42.6	35.7	46.0	40.9	29	11 <sup>th</sup>	51	3 <sup>rd</sup>	.238
8. ENGLAND, S.W.	{ Pembroke ...	30.245	43.7	40.6	46.3	43.5	30	11 <sup>th</sup>	51	3 <sup>rd</sup>	.241
	{ Prawle Point ...	30.241	41.5	37.0	46.4	41.7	25	9 <sup>th</sup>	53	1 <sup>st</sup>	.228
9. IRELAND, N.	{ Malin Head ...	30.067	42.5	39.7	46.8	43.3	30	29 <sup>th</sup>	54	16 <sup>th</sup>	.250
	{ Donaghadee ...	30.123	40.7	36.8	44.9	40.9	27	11 <sup>th</sup>	56	16 <sup>th</sup>	.224
	{ Mullaghmore ...	30.112	43.4	40.0	46.8	43.4	33	6 <sup>th</sup> , 8 <sup>th</sup> , 11 <sup>th</sup> and 24 <sup>th</sup>	56	16 <sup>th</sup>	.243
	{ Belmullet ...	30.128	43.6	40.1	46.7	43.4	30	8 <sup>th</sup>	57	15 <sup>th</sup> , 16 <sup>th</sup> and 18 <sup>th</sup>	.248
10. IRELAND, S.	{ Parsonstown ...	30.188	39.3	34.8	45.5	40.2	20	8 <sup>th</sup>	57	16 <sup>th</sup>	.243
	{ Valencia ...	30.194	44.2	40.2	49.3	44.8	29	9 <sup>th</sup>	55	3 <sup>rd</sup> , 15 <sup>th</sup> and 16 <sup>th</sup>	.261
	{ Roche's Point ...	30.196	43.4	39.4	48.3	43.9	36	9 <sup>th</sup> and 10 <sup>th</sup>	55	19 <sup>th</sup> and 20 <sup>th</sup>	.251
CHANNEL ISLANDS.	{ Scilly (St. Mary's) ..	30.246	46.6	43.0	49.4	46.2	32	9 <sup>th</sup>	54	5 <sup>th</sup>	.258
	{ Jersey (Noirmont) ...	30.238	42.8	39.6	46.4	43.0	31	25 <sup>th</sup>	54	5 <sup>th</sup>	.244
* Hawes Junction is 1185 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 DECEMBER 1885

at 8 a.m. daily.

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 Observation 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.																	
27	92	8.7	4.01	0.95	3 <sup>rd</sup>	29	5	0	0	1	21	2	8	1	0	0	2	5	12	3	0
19	92	7.3	3.69	0.80	28 <sup>th</sup>	21	6	0	0	4	16	5	3	0	0	0	4	7	5	9	3
24.5	97	7.8	6.93	0.95	3 <sup>rd</sup>	28	6	7	0	5	20	9	4	1	0	0	5	11	6	3	1
10	87	5.2	1.47	0.36	30 <sup>th</sup>	11	7	0	0	10	9	3	1	0	0	0	0	9	13	2	6
90	85	4.5	2.28	0.67	21 <sup>st</sup>	16	8	1	0	11	7	5	2	0	0	0	3	11	8	7	0
216	88	5.5	0.70	0.14	3 <sup>rd</sup>	8	1	1	0	8	5	3	0	1	0	1	0	1	21	6	1
209	88	6.2	0.64	0.15	30 <sup>th</sup>	12	6	1	0	6	10	4	2	1	0	0	4	13	8	3	0
97	91	5.9	0.84	0.28	9 <sup>th</sup>	12	2	0	0	10	11	0	7	0	1	1	6	5	9	2	0
217	94	5.9	0.79	0.20	30 <sup>th</sup>	13	4	1	0	8	10	3	2	2	0	1	2	10	8	6	0
202	89	5.6	1.81	0.40	8 <sup>th</sup>	17	6	2	0	5	5	2	3	2	0	1	2	6	10	7	0
202	93	6.7	0.80	0.18	30 <sup>th</sup>	13	3	0	0	8	16	20	3	1	0	1	3	11	2	7	3
197	89	6.9	0.50	0.21	28 <sup>th</sup>	11	4	1	0	6	15	1	1	1	2	4	2	4	10	6	1
200	91	6.2	0.98	0.25	5 <sup>th</sup>	11	4	1	0	9	14	1	1	3	1	2	3	9	9	2	1
203	92	6.6	1.22	0.36	5 <sup>th</sup>	11	3	0	0	10	17	2	3	2	1	2	5	8	5	2	3
235	98	6.2	1.08	0.48	5 <sup>th</sup>	11	1	0	0	8	11	2	7	3	2	1	0	5	6	6	1
230	95	6.0	1.66	0.65	5 <sup>th</sup>	18	0	0	0	7	7	4	4	8	4	0	2	3	7	3	0
237	92	7.6	1.76	0.38	30 <sup>th</sup>	16	2	2	0	6	21	5	3	2	2	1	5	6	7	3	2
182	92	6.6	3.14	0.49	30 <sup>th</sup>	15	4	0	0	9	19	2	5	2	2	2	1	10	6	2	1
219	90	6.8	1.41	0.41	30 <sup>th</sup>	17	0	0	0	2	14	3	3	6	1	3	4	5	2	7	0
208	86	6.2	1.55	0.37	30 <sup>th</sup>	15	0	2	1	9	12	3	3	3	2	3	2	7	9	2	0
238	87	7.8	1.45	0.36	20 <sup>th</sup>	13	0	2	0	2	16	6	1	3	1	0	3	8	8	4	3
241	84	7.3	1.44	0.55	5 <sup>th</sup>	16	0	2	0	3	12	4	5	4	2	3	3	5	4	5	0
228	88	5.9	1.62	0.59	5 <sup>th</sup>	15	0	0	0	9	13	3	7	4	2	2	2	5	4	5	0
250	92	7.7	1.76	0.37	30 <sup>th</sup>	18	0	4	0	3	17	4	4	2	1	0	6	8	5	5	0
224	88	5.1	1.16	0.31	3 <sup>rd</sup>	14	2	0	0	11	6	4	1	3	3	1	2	5	11	5	0
243	86	6.9	2.17	0.53	20 <sup>th</sup>	16	2	4	0	4	7	8	2	4	1	0	6	9	6	2	1
248	89	7.3	3.28	1.11	3 <sup>rd</sup>	19	0	4	0	4	15	25	4	4	2	2	5	5	5	4	0
213	89	8.0	0.92	0.17	2 <sup>nd</sup>	14	1	1	0	6	23	0	0	1	1	2	3	8	1	4	11
261	90	7.7	2.54	0.40	19 <sup>th</sup>	23	0	1	0	4	18	8	2	7	2	5	2	5	3	3	2
251	90	7.2	3.43	0.90	5 <sup>th</sup>	16	0	0	0	6	17	3	7	2	2	2	2	7	5	4	0
258	82	8.2	1.79	0.81	5 <sup>th</sup>	17	0	0	0	0	17	7	2	3	3	2	6	5	3	3	4
244	89	7.8	1.48	0.71	5 <sup>th</sup>	12	0	1	0	1	17	7	5	6	4	2	2	7	2	3	0

Barometric Observations at this Station are not corrected for altitude.



# 2. CORRECTIONS.

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		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>	Cushavani	29.67	-	hsw	-	-	-	-	-	-	-	-	-	-	-	-	-
2 <sup>nd</sup>	Spurnhead	29.80	-	-	-	-	-	-	-	-	-	SE	-	-	-	-	-
3 <sup>rd</sup>	Androssan 2pm	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
4 <sup>th</sup>	Silly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-
5 <sup>th</sup>	Loughborough	-	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 <sup>th</sup>	Brick	29.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 <sup>th</sup>	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-
8 <sup>th</sup>	Spurnhead	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	0.07
9 <sup>th</sup>	Malin Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 <sup>th</sup>	Mullaghmore	29.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 <sup>th</sup>	Roch's Point	29.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
12 <sup>th</sup>	Sunningb'g Hd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53 rain
13 <sup>th</sup>	Mullaghmore	-	-	-	-	-	29.62	+17	-	-	-	-	-	-	-	-	-
14 <sup>th</sup>	Brackley Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 <sup>th</sup>	Jersey	29.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16 <sup>th</sup>	Jersey	29.70	-	-	-	-	-	-	27	27	+5	-	-	-	-	-	-
17 <sup>th</sup>	Parsonstown	-	-	-	-	-	30.39	-	-	-	-	-	-	-	-	-	-
18 <sup>th</sup>	Jersey	-	-	-	-	-	30.39	-01	-	-	-	-	-	-	-	25	-
19 <sup>th</sup>	Loughborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09
20 <sup>th</sup>	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 <sup>st</sup>	Cambridge	-	-	-	-	-	-	-	-	-	-	ESE	-	-	-	-	-
22 <sup>nd</sup>	Rochefort	-	29	-	-	-	-	+12	-	-	-	-	-	-	-	-	-
23 <sup>rd</sup>	Loughborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24 <sup>th</sup>	Androssan	30.58	-	-	-	-	30.51	-	-	-	-	-	-	-	-	-	-
25 <sup>th</sup>	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26 <sup>th</sup>	Brackley	29.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27 <sup>th</sup>	Malin	30.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
28 <sup>th</sup>	Spurn Head	-	-	-	-	-	29.96	-48	-	-	+8	-	-	-	-	-	-
29 <sup>th</sup>	Malin Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30 <sup>th</sup>	Belmullet	30.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31 <sup>st</sup>	Jersey	30.50	-	-	-	-	-	-	46	45	-	-	-	-	-	-	-
32 <sup>nd</sup>	Androssan 2pm	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-
33 <sup>rd</sup>	Spurn Head	-	-	-	-	-	30.32	-10	-	-	-	-	-	-	43	-	-
34 <sup>th</sup>	Brackley Point	-	-	-	-	-	30.39	-07	-	-	-	-	-	-	-	-	-
35 <sup>th</sup>	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36 <sup>th</sup>	Spurn Head	-	-	-	-	-	-	-	38	-	1	-	-	-	52	-	0.04
37 <sup>th</sup>	Killybegs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38 <sup>th</sup>	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39 <sup>th</sup>	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40 <sup>th</sup>	Brick	29.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41 <sup>st</sup>	Loughborough	30.34	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-
42 <sup>nd</sup>	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43 <sup>rd</sup>	Dungannon	30.51	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-
44 <sup>th</sup>	Sunningb'g Hd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45 <sup>th</sup>	Stamoway	-	47	-	-	-	-	-	-	-	-	-	-	-	43	-	-
46 <sup>th</sup>	Barrow-in-Warum	-	-	-	-	-	-	-	-	-	-	ESE	-	-	-	-	-
47 <sup>th</sup>	Valencia	-	-	-	-	-	-	-	47	-	-	-	-	-	-	-	-
48 <sup>th</sup>	Belmullet 2pm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49 <sup>th</sup>	Mullaghmore	29.92	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-
50 <sup>th</sup>	Belmullet	-	-	-	-	-	30.11	+20	-	-	-	WNW	-	-	-	-	-
51 <sup>st</sup>	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30
52 <sup>nd</sup>	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.67
53 <sup>rd</sup>	Roch's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
54 <sup>th</sup>	Ards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55 <sup>th</sup>	Androssan	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-
56 <sup>th</sup>	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57 <sup>th</sup>	Loughborough	-	-	-	3	-	30.57	+33	-	-	-	-	-	-	-	-	-
58 <sup>th</sup>	Sturt Castle	-	-	-	-	-	30.37	-19	-	-	-	-	-	-	-	-	-
59 <sup>th</sup>	Silly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60 <sup>th</sup>	Stamoway 2pm	-	-	-	-	-	-	-	-	48	-	-	-	-	-	-	-
61 <sup>st</sup>	Jersey 2pm	-	-	-	-	-	30.38	-	-	-	-	-	-	-	-	36	-
62 <sup>nd</sup>	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63 <sup>rd</sup>	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64 <sup>th</sup>	Androssan	-	-	-	-	-	30.32	-08	-	-	-	-	-	-	-	-	0.02
65 <sup>th</sup>	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12
66 <sup>th</sup>	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08
67 <sup>th</sup>	Roch's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68 <sup>th</sup>	Silly	30.27	-	-	-	-	30.11	-	-	-	-	-	-	-	-	-	-