

21/98

METEOROLOGICAL OFFICE.

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DAILY WEATHER REPORTS.

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1<sup>ST</sup> JULY — 31<sup>ST</sup> DECEMBER,  
1881.



MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH  
DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1<sup>ST</sup> TO DEC<sup>R</sup> 31<sup>ST</sup> 1881





# DAILY WEATHER REPORT

F O R

THURSDAY, 1<sup>ST</sup> DECEMBER.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

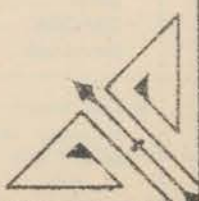
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ROBERT H. SCOTT  
(SECRETARY.)



*Fred<sup>r</sup> Dangerfield Lith 22 Bedford St Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on Thursday 1<sup>st</sup> DECEMBER 1881.

## BAROMETER, WIND & SEA

### Explanation of Map.

**Barometer.** Isobars are drawn for each tenth of an inch.  
Changes in height of barometer 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.

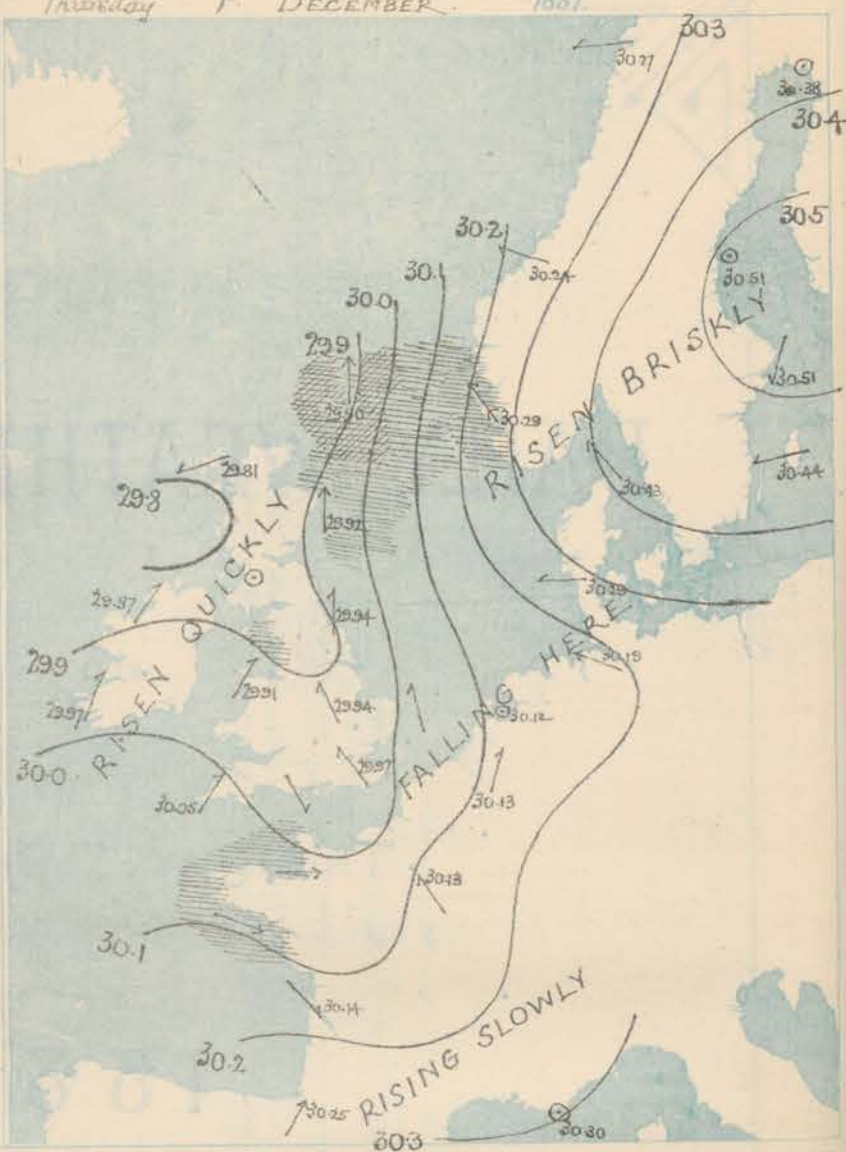
**Sea Disturbance,** where considerable, is shown by shading round the coast: thus — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of December

Stations.	Mean Readings.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenacastle	29.791
Holyhead	29.837
Valentia	29.856
Roche's Pt.	29.837
Plymouth	29.834
LONDON	29.916
Yarmouth	30.581

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

**Weather.** Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

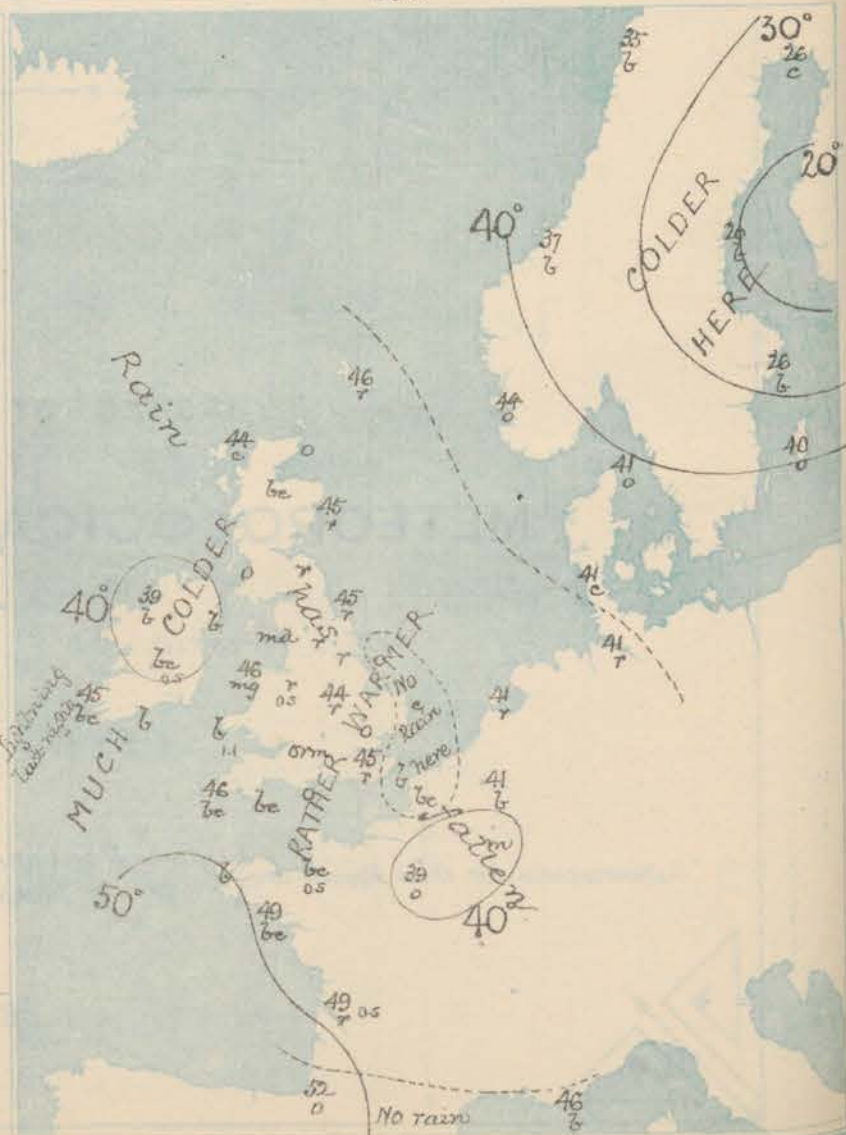
Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL.

for the month of December

Stations	Temp.	Rain-fall.
Sumburgh Head	41.2	5.32
Sarnoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Paranstown	42.6	3.08
Valentia	43.6	6.32
Sally (St Mary's)	46.7	4.02
Burst Gulle	43.2	?
Dover	41.0	5.64
LONDON	41.0	2.12
Yarmouth	40.3	2.42

\* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Thursday 1<sup>st</sup> DEC<sup>r</sup> 1881 at 8 a.m.

The weather is much quieter than of late and there are general indications of a change of distribution of pressure. The barometer has continued to rise briskly over Scandinavia, and the area of highest reading is now established over that region. Over these Islands and France an increase of pressure is in progress over the western and northern districts, and a decrease in the eastern and south-eastern. A slight depression is shown off the west coast of Scotland, and several smaller ones in other parts of the Kingdom. The wind is S.W.<sup>ly</sup> over Ireland, and W.<sup>ly</sup> in the north-west of France, but is S.E.<sup>ly</sup> to S.<sup>ly</sup> on our eastern and northern coasts. The weather is fine in the west both of these Islands and France, but is dull and rainy in the east and north-east, while rain has fallen at almost all stations during the past 24 hours. Temperature has fallen very fast in Ireland, and briskly at most western stations, but has risen in the S.E., readings range from 49° at Jersey to 35° at Parsonstown and 43° at York. Lightning was observed at Valencia last night.

The sea is very rough in the north, moderate or slight elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

2<sup>ND</sup> DECEMBER

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1	SCOTLAND NORTH	S <sup>ly</sup> winds, moderate or strong; dull, rain.
2	SCOTLAND EAST	— D° — D° — D° —
3	ENGLAND N.E.	S.E. <sup>ly</sup> to S.W. <sup>ly</sup> breezes, moderate, unsettled, rain at times.
4	ENGLAND EAST	Same as N° 5
5	MIDLAND COUNTIES	Same as N° 5.
6	ENGLAND SOUTH	Light breezes between S.E. and S.W.; weather unsettled, clearing this evening, then rain again.

### DISTRICTS

### FORECASTS

6	SCOTLAND WEST	S.W. <sup>ly</sup> breezes, light; dull, rain.
7	ENGLAND N.W.	S.W. <sup>ly</sup> and W. <sup>ly</sup> winds, light or moderate; fair to rain.
8	ENGLAND S.W.	S.W. <sup>ly</sup> winds, light or moderate; fair to rain.
9	IRELAND NORTH	S <sup>ly</sup> to W. <sup>ly</sup> winds, light or moderate; fine then dull and rain.
10	IRELAND SOUTH	— D° — D° — D° —
WARNINGS		The south cone is now down on all our coasts.



# METEOROLOGICAL OBSERVATIONS FOR

17 DEC.

1881.

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.	BAROMETRIC.		SHADE TEMP.		WIND.	Force.	Weather.	Sea.	Max.	Min.	Amount of Rainfall.		
			Dir.	Force.			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.									
Haparanda	30.25	21	z	0	b	30.38	+ .54	26	25	+ 2	z	0	c	*	27	19	-		
Hernösand	30.36	24	z	0	b	30.51	+ .37	20	20	0	z	0	c	*	30	?	-		
Stockholm	30.35	33	N E	2	bc	30.51	+ .38	26	26	- 1	z	2	c	*	45	32	-		
Wisby	30.31	42	N W	4	c	30.44	+ .30	40	38	- 3	E	2	0	*	48	41	-		
Bodö	30.17	35	S W	2	c	30.27	+ .34	35	31	- 3	E	2	6	*	45	32	-		
Christiansund	30.11	38	E S E	3	b	30.24	+ .10	37	33	+ 2	E S E	2	6	*	37	25	-		
†Skudesnaes	30.21	45	S E	6	z	30.29	+ .19	44	40	+ 1	S E	8	0	*	45	43	-		
Oxö (Christiansund)	30.32	41	N E	4	0	30.38	+ .21	43	42	+ 6	E S E	4	0	*	?	?	-		
Skagen (The Skaw)	30.36	45	z	0	b	30.43	+ .23	41	40	+ 1	S E	3	0	*	45	39	-		
Fanö	30.35	40	S S E	4	0	30.29	+ .04	41	40	0	E	4	c	*	45	37	-		
Cuxhaven	30.27	?	E S E	2	0	30.19	- .03	41	41	- 2	E S E	5	z	*	43	34	0.04		
†Sumburgh Head	29.70	47	S	8	0	29.90	+ .19	46	45	0	S	7	z	*	47	44	0.07		
†Stornoway	29.42	51	S S W	4	z	29.81	+ .45	44	43	- 6	E N E	1	0	*	51	42	0.15		
Wick	29.64	47	S	8	0	29.88	+ .32	46	44	+ 1	S	4	0	*	47	44	0.04		
Nairn	29.55	50	S E	6	c	29.86	+ .26	44	41	- 3	z	0	bc	*	51	44	-		
†Aberdeen	29.73	47	S	9	c	29.92	+ .14	45	44	0	S	6	z	*	48	43	0.32		
Leith	29.70	49	S	2	bc	29.90	+ .16	43	42	- 2	S W	1	z	*	50	42	0.19		
†Shields	29.86	47	S S W	6	0	29.94	+ .04	45	44	+ 6	S	3	z	*	47	39	0.03		
Spurn Head	29.93	45	S S E	6	bc	29.96	- .06	44	43	+ 4	S E	5	0	*	47	40	-		
York	29.93	45	S	3	0	29.92	- .07	43	43	+ 5	S E	1	z	*	47	37	0.01		
Nottingham	29.97	45	S	3	c	29.94	- .08	44	44	+ 3	S E	2	z	*	50	40	0.16		
†Ardrossan	29.60	49	S	6	z	29.89	+ .26	44	44	- 5	z	0	0	*	49	43	0.22		
†Mullaghmore	29.42	47	S S W	6	bc	29.87	+ .69	39	37	- 11	S W	4	6	*	53	35	0.09		
Donaghadee	29.61	46	S S W	6	z	29.91	+ .32	40	39	- 10	W	1	6	*	51	39	0.27		
Parsonstown	29.59	44	E S E	1	bc	29.98	+ .57	35	34	- 16	z	0	bc	*	51	34	0.45		
Barrow-in-Furness	29.75	46	S E	6	z	29.89	+ .07	44	44	+ 1	N W	3	dm	*	48	43	0.66		
†Holyhead	29.68	50	S S E	7	z	29.91	+ .20	46	45	- 3	S W	2	mg	*	50	42	0.44		
Liverpool (Bidston)	29.79	48	S E	5	0	29.91	+ .05	43	43	+ 1	W	1	z	*	49	42	0.46		
†Valencia	29.57	49	W S W	5	bc	29.97	+ .62	45	43	- 6	S S W	4	bc	*	53	39	0.18		
Roche's Point	29.65	51	W S W	4	bc	29.98	+ .53	43	41	- 8	W	3	6	*	54	38	0.26		
Pembroke	29.61	51	S	5	z	29.94	+ .19	49	46	- 3	W N W	3	6	*	52	43	1.09		
†Scilly																			
Prawle Point	29.85	51	S S E	7	z	29.99	+ .02	43	42	- 7	W	3	bc	*	50	42	0.19		
Hurst Castle	29.98	48	S	5	c	29.96	- .10	47	46	- 1	N W	3	0	*	49	40	0.34		
†Dover	30.11	45	S W	4	c	30.02	- .17	45	43	+ 1	S S W	4	6	*	47	43	-		
†London	30.05	45	S	4	c	29.97	- .12	45	44	+ 2	S E	3	z	*	49	43	0.05		
Oxford	29.98	46	S E	2	0	29.92	- .14	46	45	+ 2	S E	1	om	*	48	44	0.21		
Cambridge	30.06	44	S	1	0	29.98	- .13	44	43	+ 1	S E	1	0	*	46	41	-		
†Yarmouth	30.11	45	S S E	4	c	30.04	- .10	45	43	+ 1	S S E	4	c	*	45	42	-		
The Helder	30.20	42	E S E	1	b	30.12	- .11	41	41	- 1	E S E	1	z	*	43	41	0.74		
Cape Gris Nez	30.12	41	S	5	c	30.03	- .13	40	39	+ 1	S S E	4	bc	*	45	37	-		
†Jersey	29.99	48	S S E	6	om	30.04	- .08	40	45	+ 5	W	5	bc	*	49	43	0.50		
Brest	29.82	52	S W	8	z	30.05	+ .05	50	47	- 3	N W	5	6	*	55	46	0.43		
Lorient	29.95	52	S W	4	z	30.07	- .01	49	46	- 2	W N W	5	bc	*	54	45	0.24		
†Rochefort	30.10	46	S E	5	bc	30.14	- .07	49	48	+ 8	N W	4	z	*	50	32	0.51		
Biarritz	30.13	51	S	5	bc	30.25	-	52	46	-	S W	5	0	*	57	43	-		
Corunna	*	*	*	*	*									*	*	*	*		
Brussels	*	*	*	*	*	30.13	- .12	41	40	- 1	S S W	1	6	*	43	41	0.04		
Charleville	30.19	41	S E	1	z	30.15	- .11	39	39	+ 2	S E	1	m	*	54	36	0.08		
Paris	30.21	43	S E	1	0	30.13	- .13	39	37	- 1	S E	4	0	*	*	*	0.04		
Lyons	30.26	42	E	1	b	30.30	+ .02	34	34	- 9	S W	1	f	*	47	32	-		
Toulon	30.25	48	W	4	b	30.30	+ .0	46	45	- 4	z	0	6	*	54	45	-		

## HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.61	44	S W	4	0	28.66	+ .05	40	40	- 1	S	2	z	*	44	40	0.52		
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.16	45	42	SSE	6	c	5	Valencia ...	29.45	52	48	SSW	7	bcng	6
Sumburgh Head	29.69	47	48	S	6	0	6	Scilly ...							
Stornoway ...	29.32	50	50	S	9	z	8	Dover ..	30.13	45	45	SW	4	c g	3
Aberdeen ...	29.75	46	44	S	8	c	6	London ...	30.07	47	45	SE	4	*	*
Shields ...	29.85	47	45	SSW	6	0	2	Yarmouth ...	30.12	45	43	SSW	5	c g	3
Ardrossan ...	29.59	49	49	S	8	z	6	Jersey ...	30.04	47	46	SSE	6	0	5
Mullaghmore ...	29.37	60	47	SW	5	ogw	5	Rochefort ...	30.14	48	46	SSW	5	bc	2
Holyhead ...	29.66	50	49	SSE	7	d	5								

Pressure remains in a very unsettled state, and strong winds and gales prevail generally with dull weather and rain at Falmouth, Holyhead, and Stornoway.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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





# DAILY WEATHER REPORT

F O R

FRIDAY, 2<sup>ND</sup> DECEMBER.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

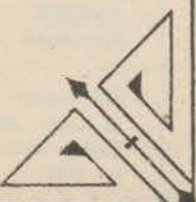
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



for 8 a m on Friday 2<sup>nd</sup> DECEMBER.

1881

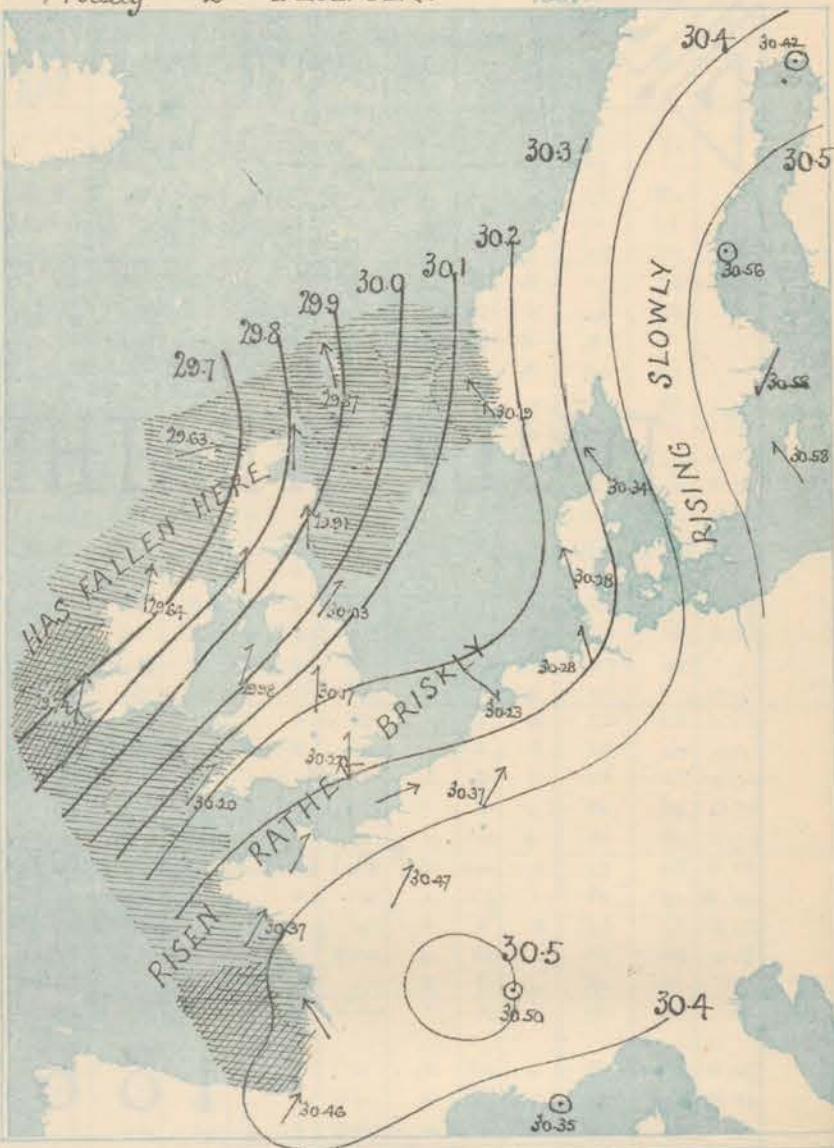
*Explanation of Map.*

Changes in height of barometer since previous morning are stated in words.

Sea Disturbance, where considerable, is shown by shading round the coast; thus  - Rough;  - High.

## for the month of December

\* These means are for the 10 years 1966-75. A more complete set of mean values is in course of preparation.



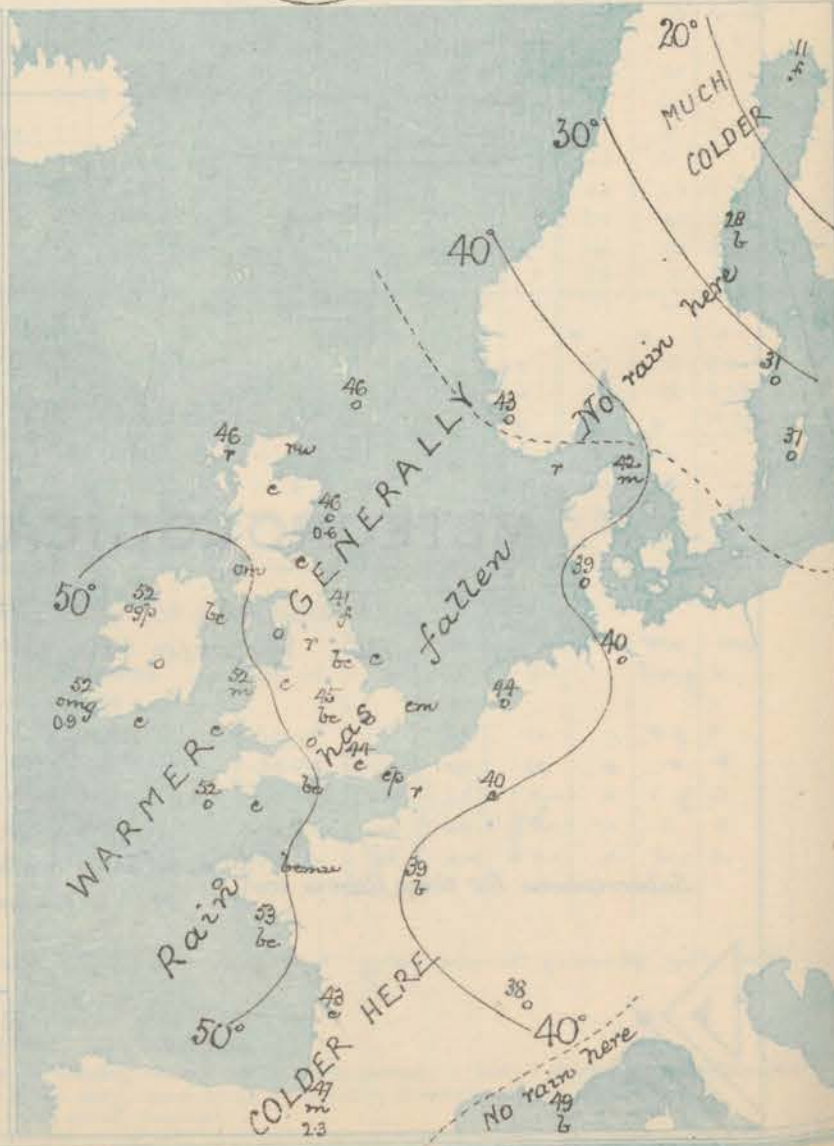
## with RAINFALL in PAST 24 HOURS

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words. Weather. Letters of the Beaufort Scale show state of weather at 8 a.m.

*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

\* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 40 years 1836 to 1875.





# REMARKS

for Friday 2<sup>nd</sup> DEC<sup>r</sup> 1881 at 8 a.m.

(During the past twenty-four hours the barometer has risen decidedly over France and the south-east of England, but a brisk decrease has taken place over all the more western and northern parts of these Islands, as well as in the south of Scandinavia. Two areas of high pressure are still shown - one over the Baltic, and a second over France, while a large depression has appeared off our western coast, and a small subsidiary disturbance over the North Sea. The wind is S<sup>W</sup> to SW<sup>W</sup> on all coast except the south of Norway, where it is SE<sup>W</sup>. It is light in force in the south-east and east, but is fresh or strong elsewhere, and blows a gale at Valencia. The weather is wet in the north and north-west, and though moderately fine in parts of England and the north of France is rather unsettled generally. Rain has fallen at nearly all stations, the largest amount being 0.9 in. at Valencia. Temperature has risen except over the SW of France and the N. of Sweden, and readings range from 53° at Roches Point to 40° at York, 39° at Paris and 11° at Haparanda. The minima last night were 33° at Cambridge and Nottingham and 34° at York. The sea is very rough in the extreme N. and W.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

3<sup>rd</sup> DECEMBER

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	S <sup>W</sup> winds, strong, squally, perhaps a gale; cloudy, rain.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND NE	SW <sup>W</sup> winds, freshening; cloudy, showery.
4 ENGLAND EAST	Same as N° 5
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND SOUTH	S <sup>W</sup> to SW <sup>W</sup> winds, moderate, but increasing; cloudy but fair, then some showers.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Same as N° 0-1
7 ENGLAND N.W.	S <sup>W</sup> and SW <sup>W</sup> winds, strong to a gale; cloudy, rain.
8 ENGLAND S.W.	SW <sup>W</sup> winds, fresh or strong; fair then showery.
9 IRELAND NORTH	S <sup>W</sup> strong winds and gales; dull, rain, then SW <sup>W</sup> winds and fair weather.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The south cone was hoisted last evening in districts 0, 1, 6, 7, 9 and 10



# METEOROLOGICAL OBSERVATIONS FOR

2<sup>nd</sup> DEC.

1881.

† 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 19).		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 19).			Max.	Min.			
Haparanda	30.41	18	2	0	f	30.42	+0.4	11	11	-15	2	0	f	*	28	?	-		
Hernösand	30.56	24	2	0	o	30.56	+4.5	28	27	+8	2	0	f	*	30	18	-		
Stockholm	30.60	31	NW	2	o	30.58	+0.7	31	31	+5	E NE	2	o	*	34	25	-		
Wisby	30.50	35	ESE	2	b	30.58	+1.4	37	36	-3	SE	2	o	*	41	32	-		
Bodö	30.31	33	E	2	b	30.27	-0.0	31	31	-4	SE	2	b	1	36	28	-		
Christiansund	30.27	35	ESE	2	b	30.18	-0.6	37	33	-4	ESE	4	bc	4	37	28	-		
Skudesnaes	30.23	43	SE	6	bc	30.19	-1.0	43	39	-4	SE	8	o	5	45	43	-		
Oxö (Xiänsund)	30.25	42	E NE	8	o	30.19	-1.9	42	41	-1	SE	6	h	4	43	37	0.20		
Skagen (The Skaw)	30.40	40	SE	6	o	30.34	-0.9	42	41	+1	SE	5	m	6	43	36	0.20		
Fanö	30.20	42	SSE	6	o	30.28	-0.1	39	39	-2	SSE	5	o	*	43	37	0.04		
Cuxhaven	30.18	?	S	2	f	30.28	+0.9	40	40	-1	SSE	3	o	*	43	37	0.13		
Sumburgh Head	29.89	45	SSE	6	o	29.87	-0.3	46	45	-1	SSE	6	o	6	47	44	0.25		
Stornoway	29.78	45	SSE	6	b	29.63	-1.8	?	?	?	WSW	5	h	5	49	42	0.23		
Wick	29.88	45	S	4	o	29.81	-0.7	46	44	-2	S	5	h	5	46	42	0.04		
Nairn	29.90	45	2	0	bc	29.76	-1.0	49	46	-3	SSW	4	o	2	49	39	-		
Aberdeen	29.96	42	S	1	o	29.91	-0.1	46	45	-1	S	5	o	5	46	37	0.61		
Leith	29.97	44	W	1	c	29.89	-0.1	47	46	-1	SW	1	c	*	48	37	0.05		
Shields	30.00	44	SW	2	o	230.03	+0.9	41	40	-1	SW	3	f	2	45	36	0.35		
Spurn Head	30.00	44	S	2	h	30.12	+1.6	42	41	-1	S	2	c	2	45	38	0.19		
York	30.03	43	SSW	1	o	30.12	+2.0	40	40	-3	S	1	bc	*	44	34	0.39		
Nottingham	30.09	40	2	0	b	30.17	+2.3	45	45	+1	S	3	bc	*	46	33	0.25		
Ardrossan	29.95	46	SSE	2	bm	29.84	-0.5	50	50	+6	S	4	om	3	50	39	0.06		
Mullaghmore	29.78	47	S	6	oga	29.64	-2.3	52	50	-2	S	7	ogp	6	52	37	0.20		
Donaghadee	29.97	39	WSW	2	b	29.86	-0.5	50	50	+10	SW	4	bc	2	51	37	0.02		
Parsonstown	29.92	45	S	1	h	29.82	-1.6	52	49	-3	SSW	3	o	*	52	34	0.06		
Barrow-in-Furness	30.03	44	SW	2	b	30.03	+1.4	46	45	-1	SE	4	o	3	47	41	0.06		
Holyhead	30.04	47	WNW	3	b	29.98	+0.7	52	51	-1	SSW	4	m	3	52	44	0.13		
Liverpool (Bidston)	30.07	42	WSW	2	b	30.07	+1.6	46	45	-1	SSE	3	c	2	48	39	0.06		
Valencia	29.86	52	SSE	8	h	29.74	-2.3	52	?	?	S	8	omg	7	55	45	0.90		
Roche's Point	29.94	41	SW	5	h	29.89	-0.9	53	52	-1	SW	6	c	5	54	43	0.22		
Pembroke	30.07	50	WSW	3	bc	30.06	+1.2	52	51	-1	SSW	4	c	3	53	47	0.01		
Scilly																			
Prawle Point	30.21	47	WSW	4	c	30.24	+2.5	52	50	-2	SSW	5	c	5	52	43	0.02		
Hurst Castle	30.17	46	NW	4	b	30.26	+3.0	51	51	+4	WSW	4	bc	4	52	45	0.04		
Dover	30.10	46	W	2	bc	30.31	+2.9	47	46	-1	WSW	2	cp	2	48	40	0.15		
London	30.11	45	W	1	c	30.27	+3.0	44	43	-1	S	2	o	*	49	36	0.12		
Oxford	30.17	40	WSW	1	b	30.23	+3.1	45	44	-1	S	1	o	*	47	38	0.08		
Cambridge	30.06	43	W	1	o	30.24	+2.6	45	44	-1	SW	1	o	*	45	33	0.29		
Yarmouth	29.99	46	ESE	4	h	30.24	+2.0	43	42	-1	SW	1	cm	3	46	36	0.25		
The Helder	30.10	42	SSE	1	o	30.23	+1.1	44	44	+3	NW	1	o	1	45	41	0.12		
Cape Gris Nez	30.14	47	W	5	bc	30.20	+2.6	50	50	+10	WSW	5	h	4	50	39	0.08		
Jersey	30.26	49	WNW	4	bc	30.36	+3.2	49	48	-1	SW	4	bm	4	53	46	0.25		
Brest	30.26	50	WNW	4	b	30.32	+2.7	53	50	-3	SW	5	o	5	54	46	0.04		
Lorient	30.28	49	WNW	3	b	30.37	+3.0	53	49	-4	SW	5	bc	4	52	45	0.04		
Rochefort	30.30	51	NW	4	b	30.45	+3.1	43	42	-1	SE	5	c	2	57	37	0.20		
Biarritz	30.40	54	W	7	h	30.46	+2.1	47	43	-4	SW	9	m	7	55	41	2.33		
Corunna	*	*	*	*	*			*						*	*	*	*		
Brussels	*	*	*	*	*	30.37	+2.4	40	39	-1	SW	5	c	*	45	39	0.04		
Charleville	30.20	42	SSE	1	m	30.41	+2.6	40	37	-3	SSW	1	m	*	55	36	0.08		
Paris	30.22	46	S	3	o	30.47	+3.4	39	38	-1	SW	1	b	*	*	*	0.04		
Lyons	30.38	44	SSW	1	o	30.50	+2.0	38	37	-1	h	1	o	*	45	?	0.08		
Toulon	30.34	49	W	3	b	30.35	+0.5	49	42	-7	2	0	b	2	54	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.78	40	SSW	1	bc	28.80	+1.4	49	43	-6	SSW	2	h	*	44	35	0.38		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudeanaes ...	30.29	44	39	SE	8	o	Valencia ...	29.89	50	49	SSW	7	hmg	6
Sumburgh Head	29.92	45	43	S	5	c	Scilly ...							
Stornoway ...	29.81	45	44	S	5	h	Dover ..	30.02	47	46	SW	2	c	2
Aberdeen ...	29.93	45	44	S	5	h	London ...	30.02	48	46	W	2	o	*
Shields ...	29.96	44	43	S	3	h	Yarmouth ...	30.00	46	44	SSE	4	oga	4
Ardrossan ...	29.93	50	48	SW	1	b	Jersey ...	30.16	52	49	WNW	5	bc	5
Mullaghmore ...	29.36	46	42	SSW	5	b	Rochefort ...	30.22	54	51	WNW	4	h	2
Holyhead ...	30.01	47	45	WNW	3	b								

A fresh decrease of pressure has commenced at Valencia with a strong SSW wind and rough sea, while in most other parts of the country the wind is S and the weather dull, wet, and unsettled. Temperature ranges from 50° at Valencia to 44° at Shields.

## 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 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).  
 § Received too late for insertion in charts.



# DAILY WEATHER REPORT

F O R

SATURDAY, 3<sup>RD</sup> DECEMBER

1881.

ISSUED BY THE  
METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10<sup>s</sup>/per quarter.  
D<sup>o</sup> D<sup>o</sup> Bookpost 5<sup>s</sup> 6<sup>s</sup>

ROBERT H. SCOTT  
(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on SATURDAY, 3<sup>rd</sup> DECEMBER

1881

## BAROMETER, WIND & SEA

### Explanation of Map

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

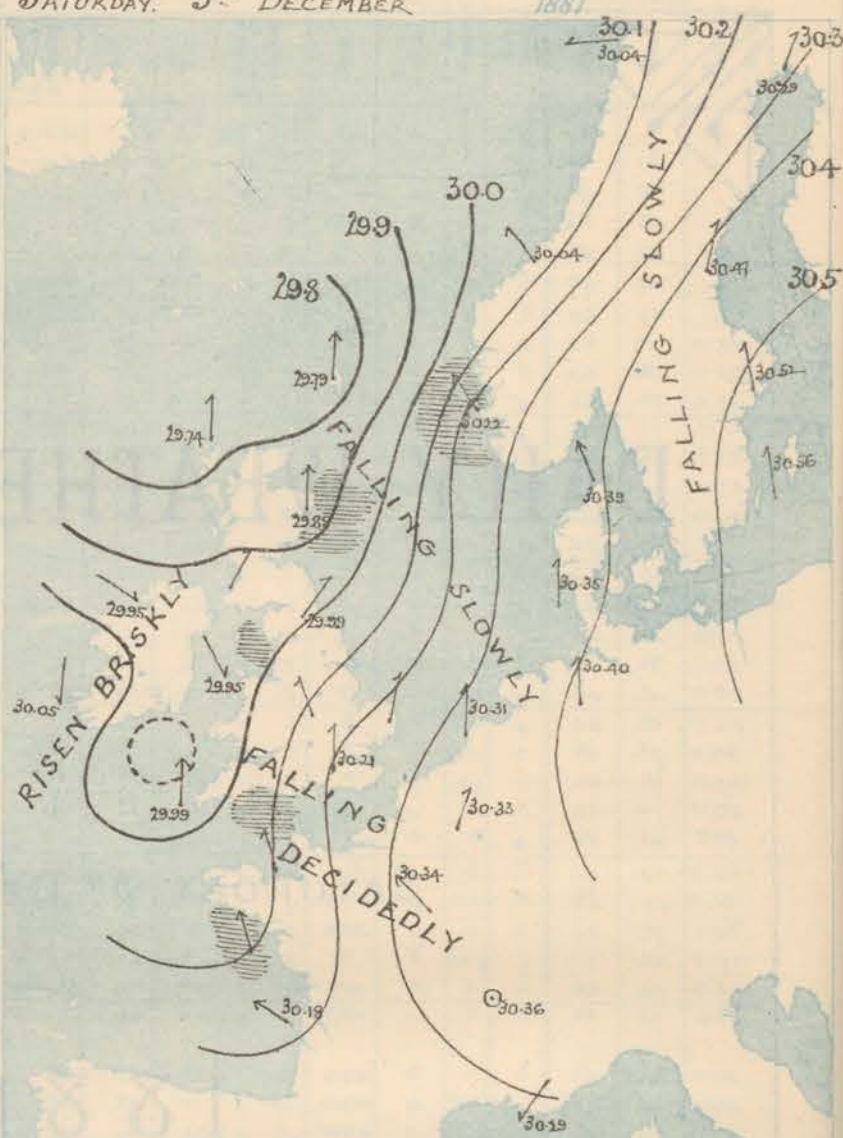
Wind. Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus:  
 — forces above 10; — forces 8 to 10  
 — forces 5 to 7; — forces 1 to 4;  
 ○ — dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough. High.

### MEAN<sup>s</sup> HEIGHT of the BAROMETER for the month of December

Stations	Mean Readings Ins.
Nairn	29.724
Aberdeen	29.740
Leith	29.787
Scarborough	29.837
Ardrossan	29.804
Greenock	29.791
Holyhead	29.837
Valentia	29.866
Roches Pt.	29.837
Plymouth	29.833
LONDON	29.916
Yarmouth	29.887

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

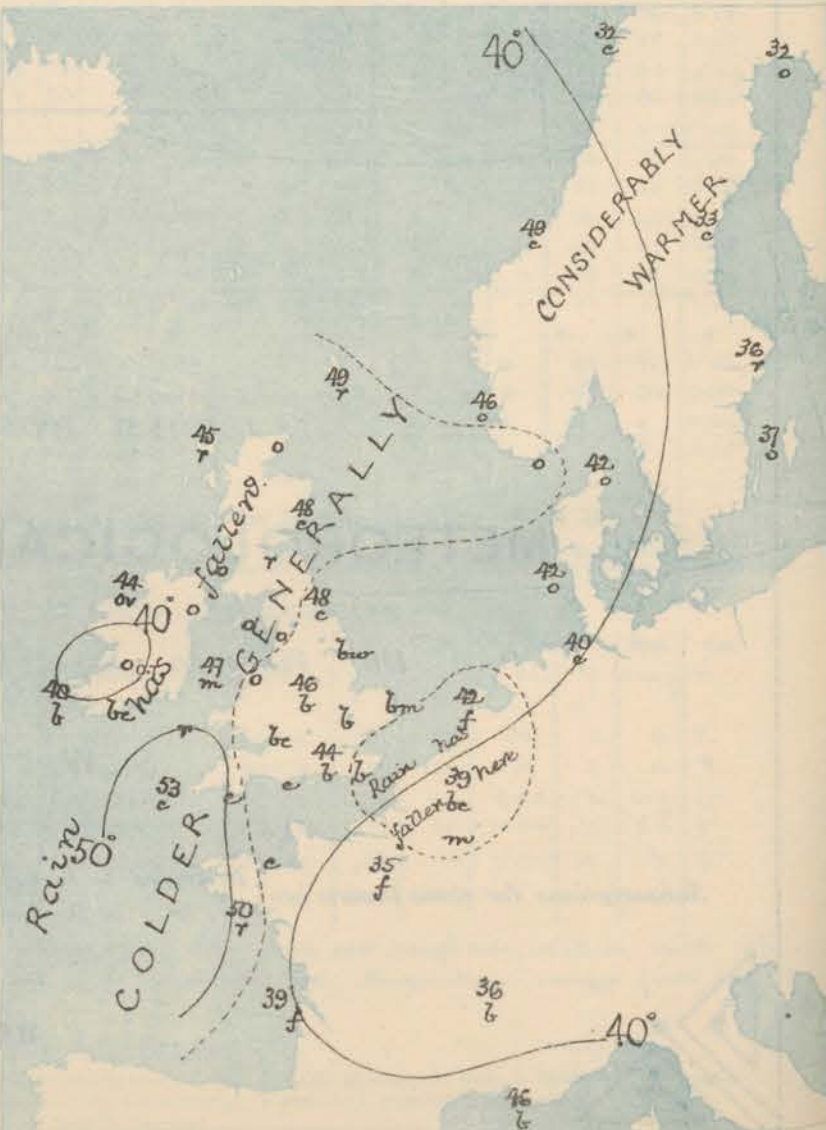
### Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.  
 Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.  
 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<sup>s</sup> OF TEMPERATURE AND RAINFALL for the month of December

Stations	Temp.	Rain-fall
Sumburgh Head	41.2	3.32
Sarnoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	42.4	4.07
Parsonstown	42.6	4.08
Valentia	42.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	41.2	?
Dover	41.0	5.54
LONDON	41.0	2.10
Wormouth	40.2	3.42

\* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Saturday 3<sup>RD</sup> DEC<sup>R</sup> 1881 at 8 a.m.

The chart this morning shows a large area of high pressure lying over Sweden, the Baltic, and North Germany, while depressions are reported; - a large one from the north of Scotland, and a much smaller one from the mouth of the Bristol Channel. The barometer is rising over Scotland and Ireland, but is falling over England, France, and the eastern shores of the North Sea. The wind is SE<sup>ly</sup> and S<sup>ly</sup> over France, Great Britain, North Germany and Scandinavia, while in Ireland it is NW<sup>ly</sup> and W<sup>ly</sup>; it blows strongly over the south-west of England, in the north-east of Scotland and at Skudernæs, but on most coasts it is moderate or light. The weather is fine and bright over the East of England, the south-east of France and the south of Ireland, but elsewhere the sky is cloudy or overcast and rain is falling in some places. Temperature has fallen except in Scandinavia and the north-east of England, and readings range from 53° at Falmouth to 39° at Parsonstown. The sea is rough at Howle Point, Barrow in Furness and Aberdeen, as well as in the Bay of Biscay.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

4<sup>TH</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	S <sup>ly</sup> winds, moderate and fresh; cloudy, slight rain, colder.
7 SCOTLAND EAST	D° D° D°
2 ENGLAND N.E.	D° D° D°
3 ENGLAND EAST	Light or moderate S <sup>ly</sup> and SE <sup>ly</sup> breezes; fair till evening then slight rain, afterwards fair and colder.
4 MIDLAND COUNTIES	D° D° D°
5 ENGLAND SOUTH	D° D° D°

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	SW <sup>ly</sup> and W <sup>ly</sup> breezes or calms; cloudy, colder.
7 ENGLAND N.W.	S <sup>ly</sup> and SE <sup>ly</sup> winds; cloudy.
8 ENGLAND S.W.	SE <sup>ly</sup> or variable winds, moderate, rainy then fair.
9 IRELAND NORTH	W <sup>ly</sup> to NW <sup>ly</sup> or variable breezes; cloudy, fair, colder.
10 IRELAND SOUTH	D° D° D°
WARNINGS	None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

3<sup>rd</sup> DEC.

1881.

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	30.41	25	W	2	b	30.29	-1.3	32	31	+2.1	SW	4	0	*	37	10	-		
Hernösand	30.30	34	S	2	o	30.47	-0.9	33	32	+5	SSW	2	c	*	36	21	-		
Stockholm	30.56	37	SE	2	o	30.62	-0.6	36	35	+5	S	2	h	*	37	27	-		
Wisby	30.59	38	S	4	c	30.56	-0.2	37	36	0	S	2	o	*	41	36	-		
Bodö	30.16	26	E	2	b	30.04	-2.3	32	30	+1	E	2	c	3	?	27	-		
Christiansund	30.10	42	SE	3	bc	30.04	-1.4	49	41	+12	SE	4	c	3	?	28	-		
†Skudesnaes	30.24	46	SSE	8	o	30.22	+0.3	46	42	+3	SSE	8	o	6	?	43	-		
Oxö (Xiänsund)	30.32	42	SSE	4	f	30.33	+1.4	42	41	0	ESE	2	o	3	43	41	0.08		
Skagen (The Skaw)	30.39	43	SSE	4	o	30.39	+0.5	42	41	0	SSE	5	o	4	43	39	0.04		
Fanö	30.25	42	SSE	1	m	30.35	+0.7	42	42	+3	S	4	o	*	43	39	-		
Cuxhaven	30.33	?	SW	1	f	30.40	+1.2	40	39	0	S	2	o	*	43	37	-		
†Sumburgh Head	29.70	49	SSE	8	m	29.79	-0.8	49	48	+3	S	6	h	7	49	44	0.12		
†Stornoway	29.59	45	WSW	6	bc	29.74	+1.1	45	45	?	S	4	h	4	51	38	0.10		
Wick	29.66	50	S	5	o	29.81	-0.0	46	45	0	NW	1	o	2	50	41	-		
Nairn	29.72	50	SSW	6	b	29.81	+0.5	45	42	-4	Z	0	o	0	50	42	0.04		
†Aberdeen	29.82	45	S	7	c	29.88	-0.3	48	47	+2	S	7	o	5	50	45	0.02		
Leith	29.57	53	W	5	c	29.90	+0.1	47	46	0	W	1	h	*	56	46	0.25		
†Shields	30.09	50	SW	3	o	29.99	-0.4	48	47	+7	SW	4	o	2	50	41	-		
Spurn Head	30.13	47	SSE	4	b	30.11	-0.1	45	44	+3	S	4	bc	2	48	40	-		
York	30.11	49	SSW	1	o	30.07	-0.5	47	45	+7	S	2	o	*	50	39	-		
Nottingham	30.16	50	SSW	4	c	30.14	-0.3	46	45	+1	SSE	3	6	*	53	44	-		
†Ardrossan	29.84	50	SSW	4	n	29.91	+0.7	46	46	-4	SW	3	o	2	51	45	0.36		
†Mullaghmore	29.76	46	SSE	2	o	29.95	+3.1	44	40	-8	WNW	4	ow	4	53	40	0.10		
Donaghadee	29.86	48	SW	3	n	29.94	+0.8	42	42	+8	W	2	o	0	53	42	0.30		
Parsonstown	29.80	48	S	1	n	30.03	+2.1	39	38	-1.3	Z	0	o	*	54	38	0.73		
Barrow-in-Furness	30.00	48	SE	4	o	29.96	-0.7	48	47	+2	SE	5	o	5	50	45	0.02		
†Holyhead	29.95	53	SSW	6	o	29.95	-0.3	47	45	-5	NW	2	m	2	53	46	0.33		
Liverpool (Bidston)	30.05	51	SSE	2	c	30.00	-0.7	49	47	+3	SE	3	o	2	53	46	-		
†Valencia	29.79	46	Z	0	og	30.05	+3.1	40	39	-12	N	1	b	2	54	39	0.05		
Roche's Point	29.84	53	SW	7	c	29.95	+0.6	44	42	-9	NNE	4	bc	4	55	43	0.48		
Pembroke	30.01	53	S	4	c	29.94	-1.2	50	50	-2	S	3	n	3	54	49	0.31		
†Scilly																			
Prawle Point	30.19	53	SSW	5	c	30.08	-1.6	50	49	-2	SSE	6	o	6	55	48	0.03		
Hurst Castle	30.24	52	WSW	5	c	30.16	-1.0	47	46	-4	SSW	5	c	4	53	46	-		
†Dover	30.32	50	WSW	3	b	30.26	-0.5	45	43	-2	SW	3	b	2	52	44	0.01		
†London	30.27	50	SW	2	o	30.21	-0.6	44	43	0	S	2	b	*	55	43	-		
Oxford	30.21	50	S	3	o	30.16	-0.7	45	44	0	SSE	1	bc	*	54	45	-		
Cambridge	30.24	47	S	1	b	30.20	-0.4	43	42	-2	S	1	b	*	54	41	-		
†Yarmouth	30.25	49	SSW	3	bc	30.23	-0.1	45	44	+2	SSW	2	bc	3	50	41	-		
The Helder	30.32	45	S	1	o	30.31	+0.8	42	42	-2	S	1	f	3	46	41	0.12		
Cape Gris Nez																			
†Jersey	30.32	51	N	3	bc	30.19	-1.7	41	40	-8	SSE	4	o	4	53	40	-		
Brest																			
Lorient	30.23	53	SSE	7	bc	30.07	-3.0	50	48	-3	SSE	7	n	5	55	46	0.12		
†Roche fort	30.43	46	SE	4	m	30.18	-2.7	39	38	-4	ESE	5	f	2	55	35	-		
Biarritz																			
Corunna																			
Brussels						30.33	-0.4	39	38	-1	SSW	1	bc	*	45	39	0.20		
Charleville	30.44	42	SSE	1	m	30.35	-0.6	40	38	0	SSE	1	m	*	43	37	0.04		
Paris	30.46	46	SE	1	b	30.34	-1.3	35	33	-4	ESE	4	f	*	*	*	-		
Lyons	30.49	39	N	1	b	30.36	-1.4	36	36	-2	Z	0	f	*	47	35	-		
Toulon	30.32	55	SW	3	b	30.29	-0.6	46	43	-3	NW	4	b	2	55	45	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.79	47	SW	2	n	28.77	-0.3	46	45	+3	SW	3	o	*	47	43	0.06		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	30.19	44	41	SE	8	n	Valencia ...	29.80	50	50	SSW	4	rmg	4
Sumburgh Head	29.77	47	46	SSE	6	o	Scilly ...							
Stornoway ...	29.48	51	50	S	8	n	Dover ..	30.31	51	50	WSW	3	bc	2
Aberdeen ...	29.84	48	46	S	6	c	London ...	30.26	54	51	S	2	bc	*
Shields ...	30.01	49	47	SW	3	o	Yarmouth ...	30.24	50	48	SW	2	cm	2
Ardrossan ...	29.78	51	51	S	5	o	Jersey ..	30.34	53	51	SSW	4	b	4
Mullaghmore ...	29.70	49	47	WSW	7	og	Roche fort ...	30.45	53	50	SSE	4	b	2
Holyhead ...	29.97	53	51	SSW	6	nu								

The depression noticed off the W. of Ireland this morning has passed <sup>W</sup> during the day as far as the Hebrides and a recovery of pressure has occurred at Valencia and the wind fallen light, while in N. Scotland the barometer has fallen with a S<sup>th</sup> gale. Rain is reported in the extreme W.

### EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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





# DAILY WEATHER REPORT

FOR

SUNDAY, 4<sup>TH</sup> DECEMBER

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

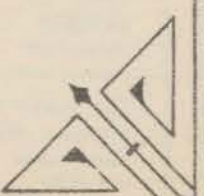
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ROBERT H. SCOTT

(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on SUNDAY, 4<sup>TH</sup> DECEMBER 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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.

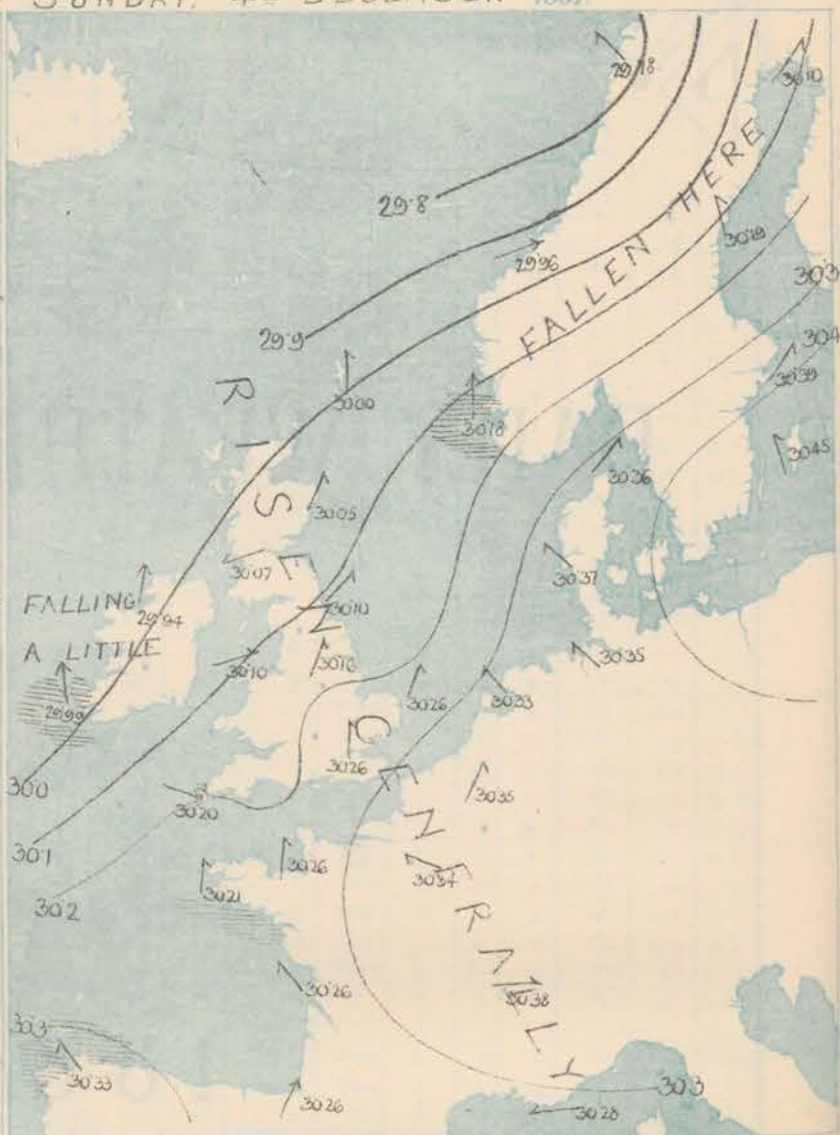
Sea Disturbance, where considerable, is shown by shading round the coast; thus — Rough; — High.

## MEAN<sup>\*</sup> HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings, Ins.
Nairn	29.724
Aberdeen	29.740
Leith	29.793
Scarborough	29.837
Ardrossan	29.804
Greencastle	29.797
Holyhead	29.837
Valentia	29.866
Roche's Pt.	29.837
Plymouth	29.832
LONDON	29.916
Yarmouth	29.881

\* These means are for the 10 years 1868-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

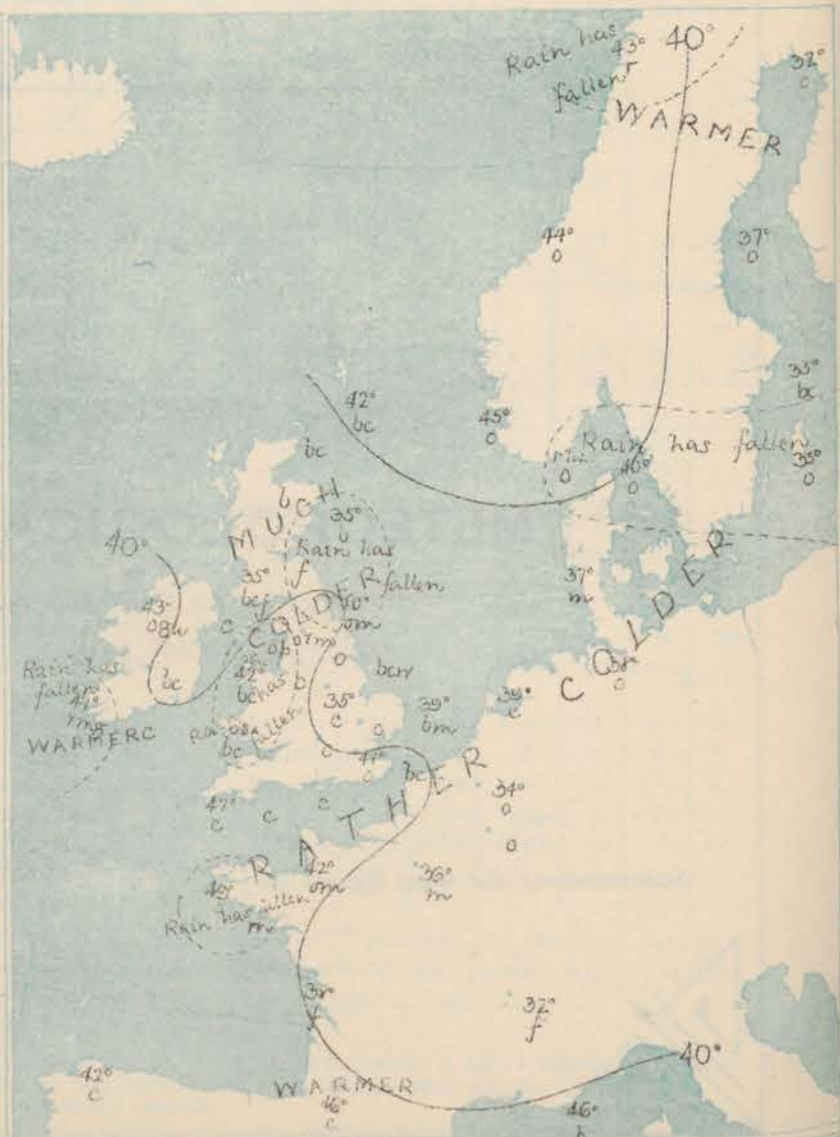
Falls of 0.5 in. or more, are quoted in figures.

## MEANS<sup>\*</sup> OF TEMPERATURE AND RAINFALL.

for the month of December

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	41.2	3.32
Sicamous	41.5	6.09
Aberdeen	39.5	2.06
Shields	39.7	2.70
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valentia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.42

\* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Sunday 5<sup>th</sup> DEC<sup>r</sup> 1891 at 8 a.m.

The weather over our Islands this morning is in a somewhat unsettled condition generally. The small secondary depression which reached the south-west of England on Saturday is dispersing without changing its position much. Dry, cloudy weather prevails over our eastern and midland districts and fine weather in Scotland. In Ireland the wind has again returned to S. and SSE., and is increasing considerably in force, with a rising temperature, falling barometer, an ugly appearance, and increasing sea, and a new, but not deep depression seems to be advancing towards our western coasts from the Atlantic.

Temperature ranges from 50° at Hawke Point to 36° at Nairn, and yesterday's maxima varied between 53° at Pembroke and 44° at Wick.

Rain has fallen at the NE., NW., and SW. stations, the heaviest amounts being 0.8 in. at Pembroke and 0.6 in. at Liverpool.

The sea is rough at Kalleneen, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon on the

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

1 SCOTLAND NORTH

2 SCOTLAND EAST

3 ENGLAND N.E.

4 ENGLAND EAST

5 MIDLAND COUNTIES

6 ENGLAND SOUTH

### FORECASTS

NO N E D  
S  
I S J U E D

### DISTRICTS

7 SCOTLAND WEST

8 ENGLAND N.W.

9 ENGLAND S.W.

10 IRELAND NORTH

11 IRELAND SOUTH

WARNINGS

### FORECASTS

NO N E D  
S  
I S J U E D



# METEOROLOGICAL OBSERVATIONS FOR 4<sup>TH</sup> DEC<sup>R</sup> 1881.

† 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	30.18	31	SW	2	b	30.10	-.19	32	31	0	SW	2	0	*	34	29	-			
Hernösand	30.30	35	SSW	2	b	30.19	-.28	37	36	4	S	4	0	*	37	30	-			
Stockholm	30.46	33	SW	2	b	30.39	-.13	33	32	3	WSW	2	c	*	37	?	-			
Wisby	30.54	36	SW	2	r	30.45	-.11	35	34	2	S	2	0	*	39	?	0.04			
Bodö	29.99	41	E	2	o	29.78	-.26	43	41	11	SE	2	r	2	?	30	0.12			
Christiansund	29.97	48	SSE	4	c	29.96	-.08	44	40	5	WSW	6	c	4	50	34	-			
†Skudesnaes	30.17	46	SE	6	o	30.16	-.04	45	43	1	S	7	0	6	46	?	-			
Oxö (Christiansund)	30.23	44	SE	6	r	30.27	-.06	44	43	2	S	6	0	4	?	?	1.73			
Skagen (The Skaw)	30.38	44	SSW	4	o	30.36	-.08	40	39	2	SW	4	0	3	45	37	0.43			
Fanö	30.37	38	SSE	4	f	30.37	+.02	37	37	5	SSE	4	m	*	43	36	-			
Cuxhaven	30.34	?	SSE	2	f	30.35	-.05	38	38	2	SSE	3	0	*	43	36	-			
†Sumburgh Head	29.85	45	WSW	4	o	30.00	+.21	42	39	7	S	3	bc	4	49	41	0.08			
†Stornoway	29.96	42	WNW	1	b	29.89	+.15	42	42	2	SSE	7	bc	6	46	33	0.64			
Wick	29.96	40	NNW	1	bc	29.98	+.17	37	35	9	NNW	1	bc	2	47	35	-			
Nairn	30.01	39	Z	0	b	30.01	+.20	30	30	15	Z	0	b	1	49	29	-			
†Aberdeen	30.03	44	Z	0	r	30.05	+.17	35	34	13	SSW	1	b	2	49	34	0.04			
Leith	30.03	44	W	1	o	30.07	+.17	33	32	14	W	1	m	*	48	29	0.05			
†Shields	30.03	48	SW	c	bc	30.10	+.11	40	40	8	SW	3	om	2	53	39	0.28			
Spurn Head	30.12	43	SSE	4	bc	30.19	+.08	39	38	6	S	4	cu	3	47	38	-			
York	30.11	40	S	1	b	30.16	+.09	38	37	9	SSW	2	c	*	49	36	-			
Nottingham	30.16	39	SSE	2	b	30.21	+.07	35	34	11	SSE	1	c	*	51	33	-			
†Ardrossan	30.06	40	Z	0	b	30.07	+.16	35	34	11	ENE	1	bc	1	47	33	-			
†Mullaghmore	30.07	38	SW	2	b	29.94	-.01	43	40	1	S	5	om	4	47	36	-			
Donaghadee	30.09	38	WNW	1	bc	30.09	+.15	34	34	8	WSW	2	c	0	44	30	-			
Parsonstown	30.14	35	N	1	b	30.06	+.03	35	34	4	S	1	bc	*	44	29	-			
Barrow-in-Furness	30.05	43	SE	4	r	30.11	+.15	44	43	4	EST	3	op	4	48	43	0.20			
†Holyhead	30.07	44	N	3	r	30.10	+.15	42	41	5	WSW	1	bc	1	47	41	0.61			
Liverpool (Bidston)	30.07	47	SSE	3	o	30.12	+.12	44	43	5	SSE	2	o	2	38	43	0.35			
†Valencia	30.13	38	Z	0	b	29.99	-.06	47	47	7	SSE	7	rgm	6	49	36	0.11			
Roche's Point	30.09	41	NNW	2	b	30.08	+.13	48	45	4	SW	5	c	4	48	33	-			
Pembroke	29.99	45	NNE	2	r	30.12	+.18	46	44	14	W	2	bc	2	53	44	0.80			
†Scilly																				
Frawle Point	30.10	48	SE	6	bc	30.18	+.10	50	50	0	SSE	3	c	4	30	45	-			
Hurst Castle	30.16	46	S	3	b	30.23	+.07	43	43	4	SSW	3	c	3	51	42	-			
†Dover	30.24	43	SW	2	b	30.30	+.04	41	40	4	SW	3	bc	2	46	40	-			
†London	30.21	41	S	1	bc	30.26	+.05	41	39	3	S	2	o	*	50	38	-			
Oxford	30.18	41	SSE	2	b	30.23	+.07	40	38	5	SSE	2	o	*	49	38	-			
Cambridge	30.20	40	S	1	bc	30.25	+.05	39	38	4	S	1	o	*	49	35	-			
†Yarmouth	30.22	42	SSW	2	b	30.26	+.03	39	38	6	SSW	2	b	3	47	38	-			
The Helder	30.31	43	SSE	1	c	30.33	+.02	39	39	3	SSE	1	c	1	45	39	-			
Cape Gris Nez																				
†Jersey	30.17	43	SSE	3	c	30.26	+.07	42	42	1	S	3	om	3	43	39	-			
Brest	30.07	47	SSE	7	r	30.21	+.17	49	48	4	S	1	o	4	54	46	0.08			
Lorient	30.08	44	ESE	5	o	30.23	+.16	42	41	8	SE	2	m	5	54	41	-			
†Rocheport	30.13	41	SSE	4	o	30.26	+.08	38	37	1	SSE	4	f	2	50	32	-			
Biarritz	30.08	53	SSW	5	c	30.26	+.10	46	43	9	SSW	5	c	4	57	39	-			
Corunna	*	*	*	*	*	30.33	+.28	42	*	6	SSW	1	c	5	*	*	*			
Brussels	*	*	*	*	*	30.35	+.02	34	33	5	SSE	1	o	*	45	33	-			
Charleville	30.29	40	SSE	1	o	30.33	-.02	37	34	3	SSE	1	o	*	54	36	-			
Paris	30.28	39	ESE	1	o	30.34	00	36	35	1	ESE	4	m	*	*	*	-			
Lyons	30.28	36	NE	1	b	30.38	+.02	32	32	4	W	1	f	*	41	32	-			
Toulon	30.23	50	SE	4	o	30.28	-.01	46	44	0	E	4	b	2	54	46	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																				
Hawes Junction	28.82	44	SSW	2	c	28.85	+.08	41	41	5	SSW	2	m	*	47	37	0.18			

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.19	46	42	SE	8	o	6	Valencia ...	30.10	47	45	2	o	bcw	1
Sumburgh Head	29.87	48	48	SSW	4	r	6	Scilly ...							
Stornoway ...	29.85	43	41	WNW	3	b	3	Dover ..	30.23	44	42	WSW	3	b	2
Aberdeen ...	29.95	48	46	SSW	1	c	4	London ...	30.20	48	45	SSE	2	bc	•
Shields ...	30.01	50	48	SW	3	o	2	Yarmouth ...	30.24	47	44	SSW	3	b	3
Ardrossan ...	30.00	45	44	NW	1	o	1	Jersey ...	30.16	43	41	SSE	4	bc	4
Mullaghmore ...	30.03	46	42	WSW	4	b	3	Rocheport ...	30.13	46	42	SSE	4	o	2
Holyhead ...	30.02	44	43	N	3	r	3								

Pressure continues to increase on our W. and N. coast, but shows hardly any change elsewhere. The subsidiary depression in the SW. has scarcely moved, but appears to be filling up. The sea remains rough in the N. and at Valencia.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

F O R

MONDAY, 5<sup>TH</sup> DECEMBER.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



*Fred<sup>r</sup>. Dangerfield, Lith. 22, Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on MONDAY, 5<sup>TH</sup> DECEMBER 1881

## BAROMETER, WIND & SEA

### Explanation of Map

**Barometer.** Isobars are drawn for each tenth of an inch. Changes in height of barometer 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;

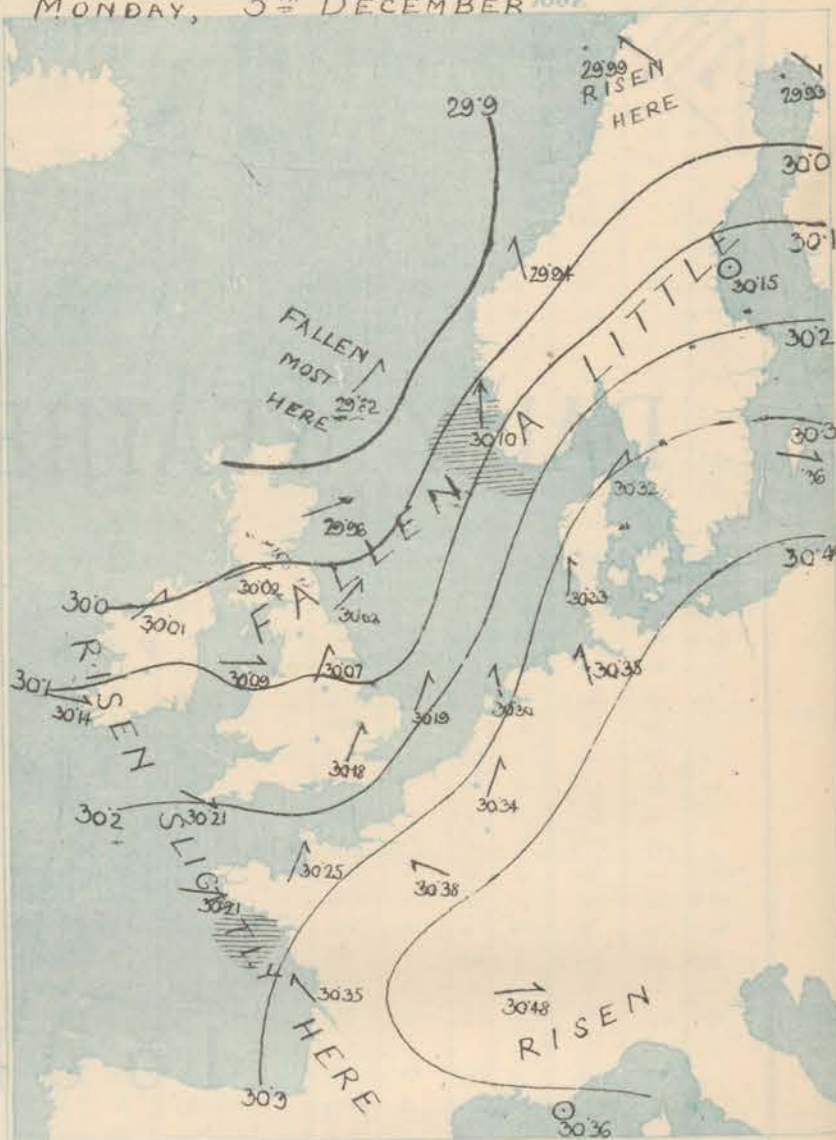
⊙ - dead calm.

**Sea Disturbance;** where considerable is shown by shading round the coast; thus - Rough; - High.

### MEAN\* HEIGHT of the BAROMETER for the month of December

Stations.	Mean Readings In.
Nairn	29 724
Aberdeen	29 740
Leith	29 782
Scarborough	29 837
Ardrossan	29 804
Greenock	29 791
Holyhead	29 837
Valentia	29 866
Roche's Pt.	29 837
Plymouth	29 932
LONDON	29 916
Weymouth	29 881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.





# REMARKS

for Monday 5<sup>th</sup> DEC<sup>r</sup> 1887, at 8 a.m.

The chart this morning shows an increase of pressure all over the western and some of our northern districts, and a decrease at our eastern stations, as well as over France and the eastern shores of the North Sea. Small depressions are crossing England from west to east, and the barometer is comparatively uniform, while moderate gradients for S<sup>t</sup> winds are reported over the North Sea; it is moderate or light in force except in the south of Norway.

The weather is very unsettled; it is fine in parts of Scotland and North Wales, dull and rainy in most other districts. Rain has fallen generally.

Temperature has risen and ranges from 50° at Hurst Castle to 39° at Aberdeen.

The sea is moderate to smooth round our coasts.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

6<sup>th</sup> DECEMBER

(ISSUED AT 11 a.m. on previous day)

## DISTRICTS

## FORECASTS

0	SCOTLAND NORTH	SW <sup>y</sup> and W <sup>y</sup> breezes, light, cloudy, perhaps some rain, fair on the whole.
1	SCOTLAND EAST	-----D-----D-----D-----
2	ENGLAND N.E.	SW <sup>y</sup> and W <sup>y</sup> breezes, light, rainy then fair.
3	ENGLAND EAST	Same as No 5
4	MIDLAND COUNTIES	Same as No 5
5	ENGLAND SOUTH	SW <sup>y</sup> to W <sup>y</sup> winds, light or moderate; rainy and dull then improving, fine night.

## DISTRICTS

## FORECASTS

6	SCOTLAND WEST	W <sup>y</sup> winds, light, cloudy, some showers.
7	ENGLAND N.W.	W <sup>y</sup> winds, light, fair on the whole.
8	ENGLAND S.W.	W <sup>y</sup> winds, light, dull, some showers.
9	IRELAND NORTH	W <sup>y</sup> winds, backing, moderate or fresh; showery, dull, unsettled.
10	IRELAND SOUTH	-----D-----D-----D-----
WARNINGS		None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

5<sup>th</sup> DEC.

1881.

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 ...	29.87	33	SW	2	0	29.93	+ .17	32	30	0	NW	4	bc	*	34	27	-		
Hernösand ...	30.11	40	S	2	0	30.15	- .04	31	31	- 6	SE	0	0	*	41	?	-		
Stockholm ...	30.30	35	SW	2	0	30.25	- .14	37	35	+ 4	SW	4	0	*	?	30	-		
Wisby ...	30.36	36	SW	2	bc	30.36	- .09	39	37	+ 4	WNW	4	0	*	?	34	0.04		
Bodö ...	29.89	41	SSW	4	c	29.99	+ .21	37	36	- 6	SE	2	0	1	43	37	0.16		
Christiansund ...	30.03	41	S	1	0	29.94	- .02	47	41	+ 3	SSE	2	0	3	?	30	-		
†Skudesnaes ...	30.15	46	SSE	8	0	30.10	- .08	44	43	- 1	S	6	0	6	46	?	-		
Oxö (Xiansund) ...	30.27	43	S	4	0	30.23	- .04	43	41	- 1	S	6	0	4	?	41	-		
Skagen (The Skaw) ...	30.34	37	SW	3	bc	30.32	- .04	38	37	- 2	SW	4	0	3	41	34	-		
Fanö ...	30.36	37	S	4	0	30.33	- .04	35	35	- 2	S	4	0	*	39	?	-		
Cuxhaven ...	30.37	?	SSE	2	bc	30.35	- .00	34	34	- 4	SSE	2	f	*	?	30	-		
†Sumburgh Head ...	29.84	43	S	4	c	29.82	- .18	46	45	+ 4	SW	4	bc	4	46	40	0.02		
†Stornoway ...																			
Wick ...	29.75	42	SW	5	0	29.90	- .08	42	41	+ 5	W	1	0	2	43	37	0.04		
Nairn ...	29.84	39	SW	1	0	29.91	- .10	40	37	+ 10	SE	2	0	6	44	29	0.02		
†Aberdeen ...	29.97	38	WSW	2	c	29.96	- .09	39	38	+ 4	WSW	1	bc	1	44	34	0.02		
Leith ...	30.03	43	W	1	0	30.00	- .07	44	42	+ 11	W	1	0	*	46	30	-		
†Shields ...	30.10	41	SW	2	om	30.03	- .07	44	43	+ 4	SW	1	λ	2	44	39	0.03		
Spurn Head ...	30.17	42	S	5	0	30.09	- .07	44	44	+ 5	S	4	nm	3	44	38	0.02		
York ...	30.17	41	S	1	6	30.07	- .09	44	44	+ 6	SSW	1	0	*	44	37	0.03		
Nottingham ...	30.18	43	SSE	2	0	30.11	- .10	45	45	+ 10	SSW	1	0	*	46	34	0.10		
†Ardrossan ...	29.98	46	S	3	λ	30.02	- .05	45	45	+ 10	WSW	3	0	2	47	33	0.06		
†Mullaghmore ...	29.91	46	SW	4	ny	30.01	+ .07	43	42	0	SW	4	og	4	47	40	0.05		
Donaghadee ...	30.00	46	WSW	3	λ	30.06	- .03	39	39	+ 5	W	3	0	1	45	33	0.18		
Parsonstown ...	29.99	47	SSW	1	λ	30.11	+ .05	40	39	+ 5	S	1	e	*	47	34	0.12		
Barrow-in-Furness ...	30.11	44	SE	3	0	30.07	- .04	45	44	+ 1	WNW	2	0	3	48	43	0.09		
†Holyhead ...	30.06	49	SW	5	m	30.09	- .01	46	44	+ 4	W	2	bc	1	50	42	0.21		
Liverpool (Bidston) ...	30.12	44	SSE	2	0	30.10	- .02	44	44	0	WSW	2	bc	2	47	43	0.03		
†Valencia ...	30.04	47	W	2	c	30.14	+ .15	46	45	- 1	W	4	cqp	4	53	43	0.18		
Roche's Point ...	30.08	50	SW	4	bc	30.12	+ .04	46	44	- 2	W	4	bc	4	53	35	0.25		
Pembroke ...	30.10	49	SSW	3	λ	30.12	- .00	50	48	+ 4	W	2	p	3	51	45	0.10		
†Scilly ...																			
Prawle Point ...	30.24	47	SW	3	c	30.19	+ .01	48	48	- 2	WSW	2	0	3	52	46	0.14		
Hurst Castle ...	30.24	49	WSW	2	cdm	30.15	- .08	50	50	+ 7	WSW	5	nm	4	51	42	0.14		
†Dover ...	30.30	42	SSW	3	ag	30.22	- .08	47	46	+ 6	SSW	3	cq	2	47	40	0.04		
†London ...	30.26	43	S	2	0	30.18	- .08	46	45	+ 5	SSW	3	od	*	48	41	0.01		
Oxford ...	30.22	45	SSE	3	0	30.12	- .11	47	47	+ 7	SSE	3	or	*	47	40	0.06		
Cambridge ...	30.24	41	S	1	0	30.15	- .10	46	46	+ 7	S	1	λ	*	46	38	0.04		
†Yarmouth ...	30.26	41	SSW	3	bc	30.19	- .07	45	45	+ 6	SSW	3	og	3	45	37	-		
The Helder ...	30.35	35	SSE	1	m	30.30	- .03	36	35	- 3	SSE	1	0	1	39	34	-		
Cape Gris Nez ...																			
†Jersey ...	30.31	41	S	3	c	30.25	- .01	48	48	+ 6	SSW	3	nm	3	48	41	0.03		
Brest ...	30.23	51	WSW	4	0	30.21	- .00	52	51	+ 3	W	3	λ	2	52	46	0.12		
Lorient ...	30.31	44	SSE	1	m	30.23	- .00	53	52	+ 11	SW	5	λ	5	?	39	0.04		
†Rocheport ...	30.22	49	NNE	4	bc	30.35	+ .09	47	46	+ 9	SE	4	m	2	54	32	-		
Biarritz ...																			
Cornuna ...	*	*	*	*	*			*						*	*	*	*		
Brussels ...	*	*	*	*	*	30.34	- .01	33	33	- 1	SSW	3	0	*	37	33	-		
Charleville ...	30.37	36	SSE	1	0	30.37	+ .04	31	30	- 6	SSW	1	0	*	54	?	-		
Paris ...	30.37	34	SE	0	m	30.38	+ .04	33	32	- 3	SSE	1	m	*	*	*	-		
Lyons ...	30.43	35	NNE	1	f	30.48	+ .10	30	30	- 2	W	1	f	*	36	29	-		
Toulon ...	30.33	49	E	3	bc	30.36	+ .08	45	42	- 1	SE	0	8	1	52	45	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	28.86	38	SSW	1	cm	28.81	- .04	41	41	0	WSW	2	f	*	42	36	0.14		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.86	31	SSW	1	cm	28.81	- .04	41	41	0	WSW	2	f	*	42	36	0.14
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes ...	30.16	46	43	SSE	8	λ	6	Valencia ...			
Sumburgh Head ...								Scilly ...			
Stornoway ...								Dover ...			
Aberdeen ...								London ...			
Shields ...								Yarmouth ...			
Ardrossan ...								Jersey ...			
Mullaghmore ...								Rocheport ...	30.22	50	47
Holyhead ...											

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

F O R

TUESDAY, 6<sup>TH</sup> DECEMBER.

1881.

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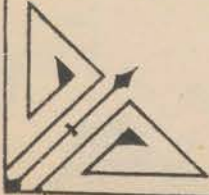
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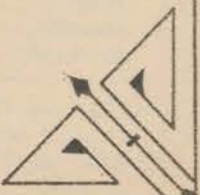
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ROBERT H. SCOTT

(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on TUESDAY 6<sup>TH</sup> DECEMBER 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.  
Changes in height of barometer 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 7 to 4,  
○ = dead calm.

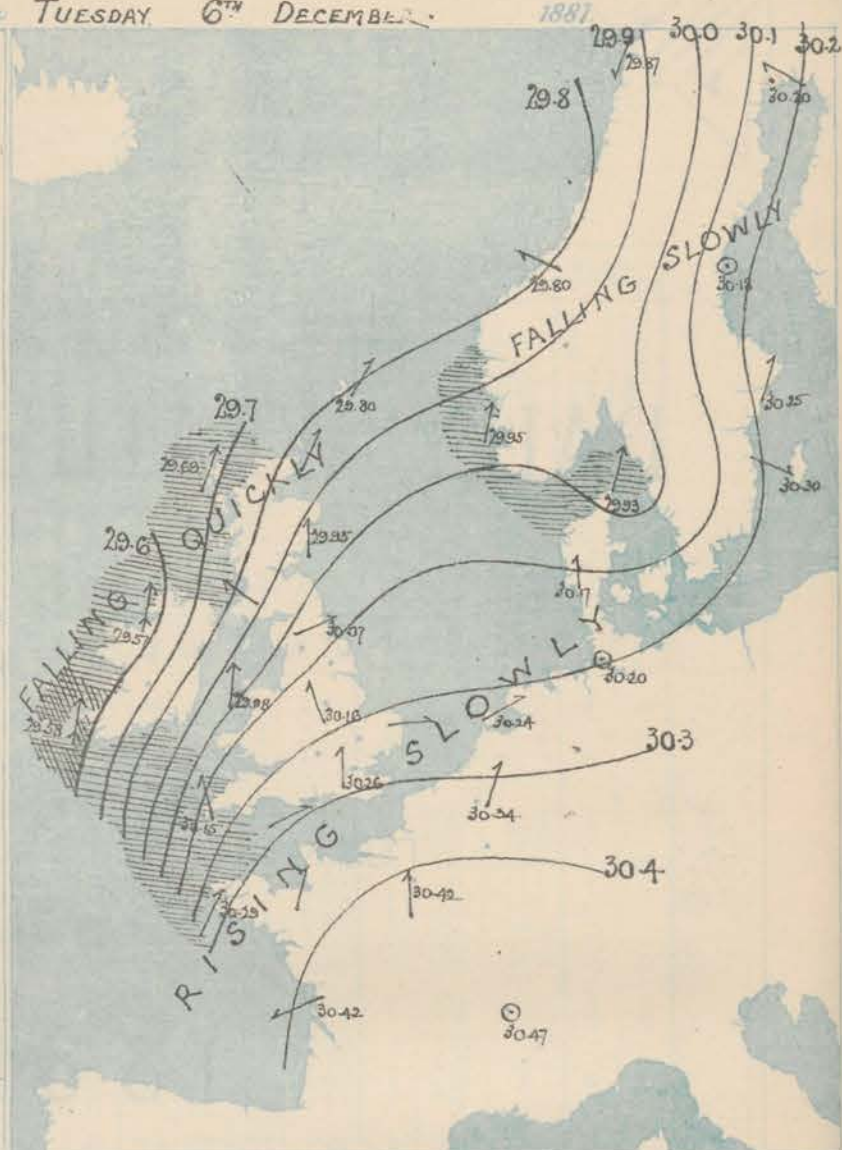
Sea Disturbance, where considerable, is shown by shading round the coast, thus: = Rough; = High.

## MEAN<sup>®</sup> HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings In.
Nairn	29.754
Aberdeen	29.740
Leith	29.742
Scarborough	29.857
Ardrossan	29.804
Greenock	29.701
Holyhead	29.837
Valentia	29.860
Roches Pt.	29.837
Plymouth	29.932
LONDON	29.916
Wormouth	29.887

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

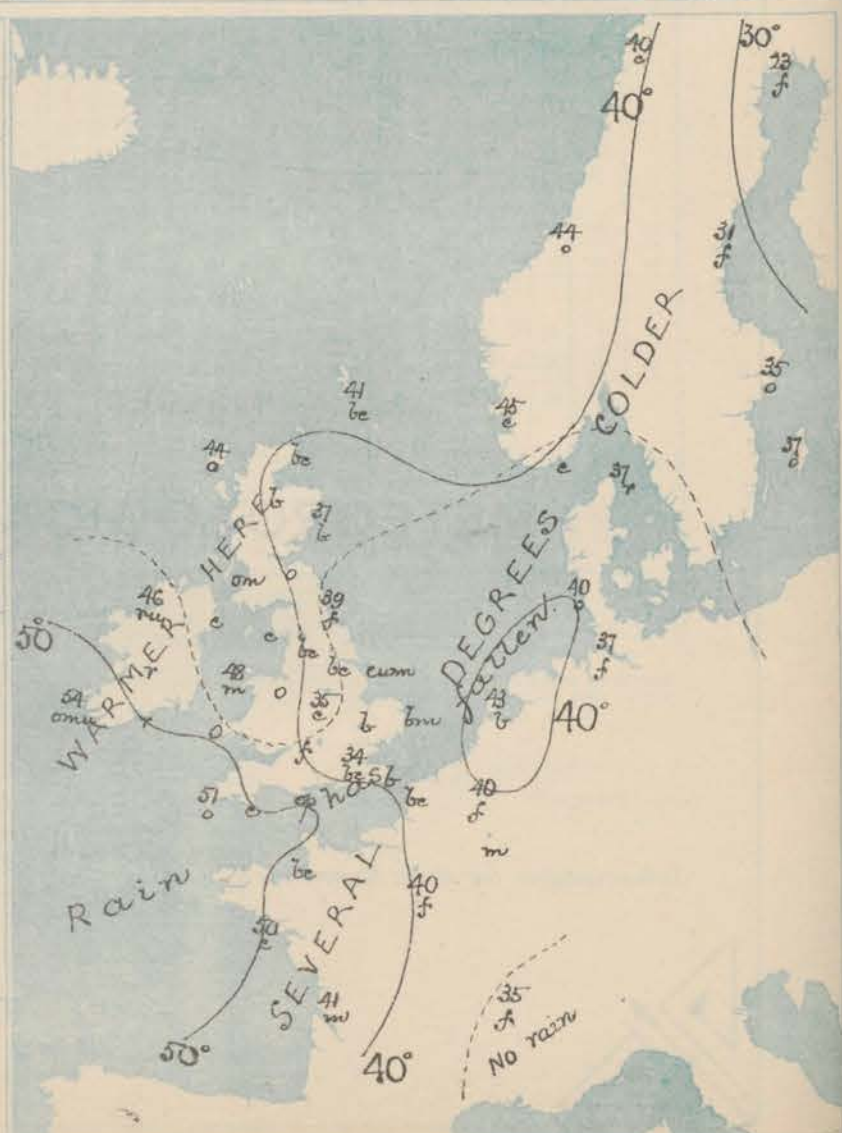
Falls of 0.5 in. or more, are quoted in figures.

## MEANS<sup>®</sup> OF TEMPERATURE AND RAINFALL.

for the month of December

Stations	Temp °	Rain-fall ins.
Sandburgh Head	41.2	3.32
Seatonway	41.5	6.03
Aberdeen	39.5	2.96
Shields	39.7	2.79
Birk	39.9	2.67
Mullaghmore	42.0	1
Holyhead	43.4	4.07
Parsonstown	42.8	3.08
Valentia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Ilfracombe	43.2	1
Dover	41.0	3.54
LONDON	41.0	2.72
Wormouth	40.3	3.42

\* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Tuesday 6<sup>th</sup> DEC<sup>r</sup> 1891. at 8 a.m.

During the past night a sudden and rapid fall of the barometer has occurred over Ireland and is spreading quickly to all parts of the Kingdom. A large depression has approached our western coast from the Atlantic, while over France the barometer is rising, and a large anticyclone is shown, so that gradients have become steep over our western and south-western coasts. The wind has backed to the southward on nearly all our coasts, and though still light in force in the east and south-east, blows freshly in the west of England, and reaches a gale in Ireland. The weather is rainy in Ireland, dull and misty in the west of England and Scotland, fine and bright over the whole of the East of Great Britain. Rain fell at all but the north-eastern and northern stations yesterday. Temperature has fallen fast in the east of England, and risen briskly in Ireland, so that readings now range from 54° at Valencia to 34° in London and at Cambridge. During the night the thermometer fell to 30° at Nottingham, to 31° at Cambridge to 32° at Oxford and to 33° at York, Aberdeen and in London. The sea is high at Valencia, rough at our extreme NW, W, and SW ports, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon on the

7<sup>th</sup> DECEMBER

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	S <sup>ly</sup> winds, increasing to a gale, becoming dull with rain.
2 SCOTLAND EAST	D° D° D°
3 ENGLAND N.E.	SW <sup>ly</sup> winds, increasing considerably; fair to rain.
4 ENGLAND EAST	Same as N° 5
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND SOUTH	Wind backing to S., and freshening considerably, weather turning milder, dull and rainy tonight, fair morning

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	S <sup>ly</sup> and SW <sup>ly</sup> winds, strong to a gale; dull and rainy then fair.
7 ENGLAND N.W.	-----D°-----D°-----D°-----
8 ENGLAND S.W.	S <sup>ly</sup> strong winds and gales; dull and rain then fair.
9 IRELAND NORTH	S <sup>ly</sup> to SW <sup>ly</sup> gales to strong winds; squally, rough, showery.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	
The south cone has been hoisted this morning in districts N° 0, 1, and 6 to 10.	



## METEOROLOGICAL OBSERVATIONS FOR

6<sup>TH</sup> DEC.

1881.

† 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.		
			Dires.	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.	Dires.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.18	17	Z	0	b	30.20	+ .27	23	23	-	9	SE	2	f	32	16	-		
Hernösand ...	30.21	27	Z	0	f	30.18	+ .03	31	31	-	0	Z	0	f	41	23	-		
Stockholm ...	30.23	36	WSW	2	o	30.25	.00	35	33	-	2	SW	2	o	37	34	-		
Wisby ...	30.32	39	WNW	4	o	30.30	-.06	37	36	-	2	WNW	4	o	43	37	-		
Bodö ...	29.94	40	E	2	o	29.87	-.12	40	37	+	3	NE	2	e	?	34	-		
Christiansund...	29.94	46	SSE	2	o	29.80	-.14	44	39	-	3	ESE	2	o	44	36	-		
†Skudesnaes ...	30.04	44	SSE	8	h	29.95	-.15	45	42	+	1	SSW	5	o	6	45	?	-	
Oxö (Xiänsund) ...	30.14	39	SSE	6	o	30.02	-.21	39	39	-	4	NW	2	o	5	43	36	0.28	
Skagen (The Skaw)	30.26	38	SW	3	o	29.93	-.39	37	36	-	1	SSW	5	h	5	41	34	-	
Fanö ...	30.23	36	SSE	6	o	30.14	-.16	40	40	+	5	S	4	o	?	32	0.08		
Cuxhaven ...	30.28	?	SSE	1	f	30.20	-.15	37	36	+	3	SSE	1	f	37	32	0.03		
†Sumburgh Head	29.86	44	SW	2	bc	29.80	-.02	41	39	-	5	SW	3	bc	47	39	0.11		
†Stornoway ...	29.82	38	SW	4	h	29.69	-.14	44	43	+	4	SSW	7	o	6	45	35	0.07	
Wick ...	29.96	43	W	1	o	29.84	-.06	39	37	-	3	SW	1	bc	45	33	-		
Nairn ...	29.88	39	SW	1	b	29.87	-.04	37	35	-	3	Z	0	b	43	34	-		
†Aberdeen ...	29.95	40	SSW	1	b	29.95	-.01	37	35	-	2	S	1	b	44	33	-		
Leith ...	29.99	44	W	2	b	29.97	-.03	39	37	-	5	SW	1	o	45	37	-		
†Shields ...	30.05	45	W	2	b	30.07	+ .04	39	38	-	5	WSW	2	f	46	36	0.02		
Spurn Head ...	30.09	44	WSW	3	b	30.16	+ .07	39	39	-	5	SSW	3	com	47	38	0.01		
York ...	30.11	42	W	1	b	30.14	+ .07	36	36	-	8	S	1	bc	49	35	-		
Nottingham ...	30.15	41	SW	1	b	30.16	+ .05	35	34	-	10	SSE	1	e	49	30	-		
†Ardrossan ...	30.01	44	WSW	3	e	29.88	-.14	44	44	-	1	ESE	3	om	48	41	-		
†Mullaghmore ...	30.05	42	SW	4	mcg	29.57	-.44	46	46	+	3	S	8	h	47	40	0.11		
Donaghadee ...	30.09	41	W	2	c	29.89	-.17	45	44	+	6	SW	4	e	47	35	-		
Parsonstown ...	30.16	42	ESE	1	bc	29.74	-.37	48	45	+	8	SE	4	h	47	38	0.07		
Barrow-in-Furness	30.11	46	WSW	2	b	30.05	-.02	42	41	-	3	SE	4	e	49	41	-		
†Holyhead ...	30.12	47	SW	2	c	29.98	-.11	48	46	+	2	S	5	mv	49	45	-		
Liverpool (Bidston)	30.14	43	WSW	2	b	30.08	-.02	41	40	-	3	SE	3	o	50	38	0.02		
†Valencia ...	30.19	47	W	2	op	29.58	-.56	54	53	+	8	S	8	om	55	45	0.47		
Roche's Point...	30.15	45	W	4	bc	29.74	-.38	50	50	+	4	SSW	8	h	51	42	0.28		
Pembroke ...	30.19	49	W	3	e	30.03	-.09	50	49	-	0	S	4	o	51	48	0.24		
†Scilly ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Prawle Point ...	30.28	45	W	2	b	30.22	+ .03	50	49	+	2	SSW	5	e	53	44	0.02		
Hurst Castle ...	30.25	46	WNW	3	b	30.26	+ .11	50	50	-	0	WSW	3	op	57	40	0.06		
†Dover ...	30.16	46	SW	5	pb	30.31	+ .09	40	39	-	7	W	2	b	50	39	0.03		
†London ...	30.19	43	WNW	2	b	30.26	+ .08	34	34	-	12	S	2	bc	49	33	0.17		
Oxford ...	30.21	41	SW	2	b	30.22	+ .10	37	37	-	10	SSE	1	f	50	32	0.14		
Cambridge ...	30.16	41	Z	0	b	30.24	+ .09	34	33	-	12	S	1	b	47	31	0.16		
†Yarmouth ...	30.11	46	W	2	ogd	30.24	+ .05	37	37	-	8	W	2	bm	47	35	0.17		
The Helder ...	30.17	37	S	1	h	30.24	-.06	43	42	+	7	WSW	1	b	43	36	0.12		
Cape Gris Nez	?	48	WSW	5	bc	?	?	43	43	?	?	SSW	1	bc	52	36	-		
†Jersey ...	30.32	49	HW	2	b	30.34	+ .09	48	46	-	0	SSW	3	bc	52	45	0.13		
Brest ...	30.34	51	WNW	4	bc	30.29	+ .08	52	49	-	0	SW	5	o	54	46	0.04		
Lorient ...	30.31	51	HW	4	b	30.33	+ .10	50	47	-	3	ESE	3	e	54	41	0.12		
†Rochefort ...	30.32	53	W	7	h	30.42	+ .07	41	40	-	6	ESE	3	m	54	36	-		
Biarritz ...	30.42	51	SSW	2	o	30.43	+ .01	53	?	+	8	WSW	4	o	55	46	0.04		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.34	.00	40	40	+	7	SW	1	f	?	?	0.08		
Charleville ...	30.30	33	SSE	1	m	30.35	-.02	39	37	+	8	SSW	1	m	52	?	0.08		
Paris ...	30.29	42	SE	3	o	30.42	+ .04	40	39	+	7	S	1	f	*	*	0.08		
Lyons ...	30.46	39	SW	1	f	30.47	-.01	35	35	+	5	NW	1	f	36	?	-		
Toulon ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.83	41	W	2	bc	28.83	+ .02	38	38	-	3	SW	2	bc	42	36	0.02		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.83	41	W	2	bc	29.83	+ .02	38	38	-	3	SW	2	bc	?	42	36	0.02	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudesnaes ...	30.08	45	44	SSE	8	h	Valencia ...	30.17	51	46	WSW	4	bcw	5
Sumburgh Head	29.84	45	42	SW	4	c	Scilly ...							
Stornoway ...	29.82	44	42	SW	4	bc	Dover ..	30.14	47	46	SW	4	od	2
Aberdeen ...	29.96	44	42	SSW	1	c	London ...	30.13	49	48	SW	2	og	*
Shields ...	30.04	46	44	W	2	o	Yarmouth ...	30.11	47	46	SSW	3	org	3
Ardrossan ...	30.00	47	47	SSW	3	b	Jersey ...	30.26	50	49	WNW	3	bc	3
Mullaghmore ...	30.04	44	43	W	6	opg	Rochefort ...	30.34	52	51	S	5	o	2
Holyhead ...	30.16	49	46	SW	3	b								

Pressure has risen a little in the Str., fallen in the SE., changed little elsewhere. The wind is light from Str. or W. and the weather fair in the W. but dull and rainy in the E.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

† Received too late for insertion in charts.





# DAILY WEATHER REPORT

FOR

WEDNESDAY 7<sup>TH</sup> DECEMBER.

1881.

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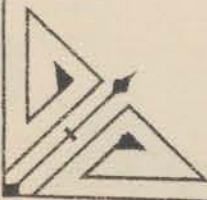
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ROBERT H. SCOTT

(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on WEDNESDAY 7<sup>TH</sup> DEC<sup>R</sup>

1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

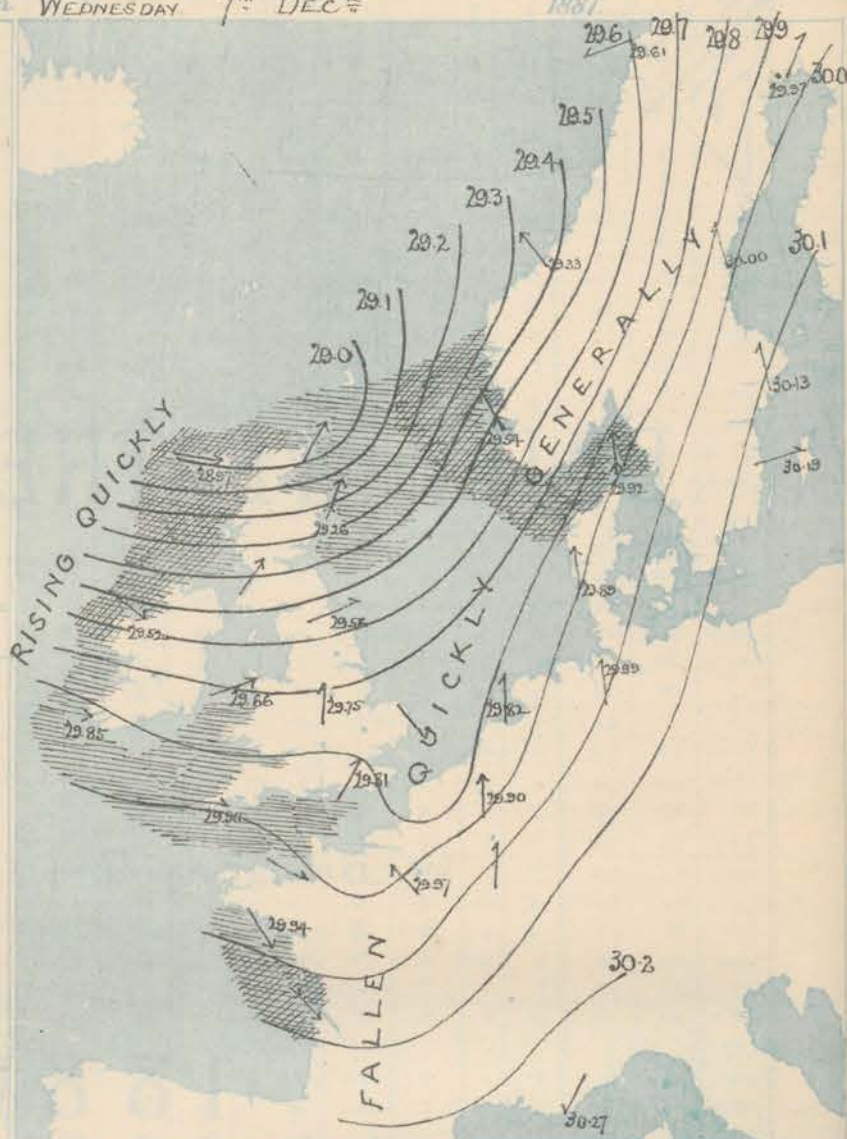
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and leathers refer to force, thus:  
— forces above 10; — forces 8 to 10  
— forces 5 to 7; — forces 1 to 4;  
○ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus — Rough; — High.

### MEAN<sup>R</sup> HEIGHT of the BAROMETER for the month of December

Stations.	Mean Readings In.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenacastle	29.791
Holyhead	29.837
Valentia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Warrmouth	29.881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

### with RAINFALL in PAST 24 HOURS.

#### Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.  
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

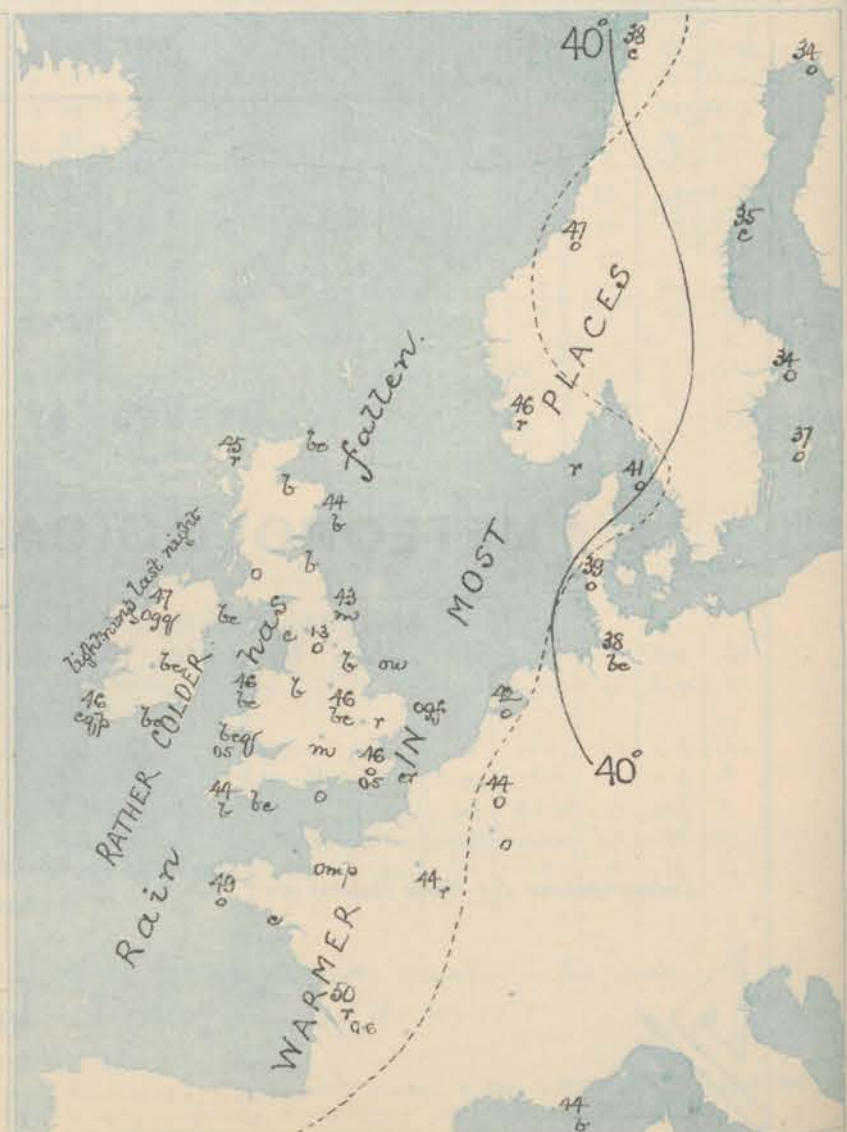
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

### MEANS<sup>R</sup> OF TEMPERATURE AND RAINFALL.

#### for the month of December

Stations	Temp	Rain-fall
Sumburgh Head	41.2	3.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Stirling	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.05
Valentia	43.6	6.32
Sally (St. Mary's)	42.7	4.32
Burst Castle	43.2	?
Dover	41.0	2.54
LONDON	41.0	2.78
Wormouth	40.3	3.42

\* The mean Temperatures are those for the 53 years 1857-69. The mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for WEDNESDAY 7<sup>th</sup> DEC<sup>r</sup> 1881 at 8 a.m.

The large depression which was approaching our western coast yesterday has passed on northward, and the centre is now shown a little to the northward of Scotland, where a fall of more than three quarters of an inch<sup>has</sup> occurred in the barometer. At the same time a small subsidiary disturbance in the south-east is causing a fall of the mercury in that neighbourhood, but in the west and south-west a recovery is taking place. Gradients are steep in the N., and SW<sup>ly</sup> to W<sup>ly</sup> gales prevail over Scotland, and S<sup>ly</sup> gales in Norway, while strong to moderate W<sup>ly</sup> and SW<sup>ly</sup> winds are reported on our other coasts. The weather is fair at the majority of stations, but is still very unsettled, and rain is reported from Valencia, Cambridge, Dover, and the SW. of Norway. Heavy rain fell in the night, nearly half an inch having been measured at Hurst Castle, Pembroke, Ardrossan, Barrow in Furness, and in London. Temperature has risen except in the west and south-west, and readings range from 48° at Pembroke to 41° in the north of England.

The sea is rough except on our east and south-east coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

8<sup>th</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND  
NORTH

SW<sup>ly</sup> and W<sup>ly</sup> gales to strong  
winds, fine then showery.

6 SCOTLAND  
WEST

W<sup>ly</sup> winds, fresh or strong; cloudy  
some cold showers.

2 SCOTLAND  
EAST

-----D°-----D°-----D°-----

7 ENGLAND  
N.W.

-----D°-----D°-----D°-----

3 ENGLAND  
N.E.

SW<sup>ly</sup> to W<sup>ly</sup> winds, moderate  
and fresh; colder, some  
showers then fine.

8 ENGLAND  
S.W.

NW<sup>ly</sup> and W<sup>ly</sup> breezes, fresh;  
fine then dull and showery

4 ENGLAND  
EAST

Same as N° 5

9 IRELAND  
NORTH

W<sup>ly</sup> winds, strong and squally  
then SW<sup>ly</sup> winds, cold showers,  
afterwards fair.

5 MIDLAND  
COUNTIES

Same as N° 5.

10 IRELAND  
SOUTH

-----D°-----D°-----D°-----

ENGLAND  
SOUTH

W<sup>ly</sup> winds, moderate,  
weather clearing and fine  
evening, then showery.

### WARNINGS

The south cone is still flying  
in districts N°s 0., 1., and 6. to 10.



# METEOROLOGICAL OBSERVATIONS FOR

7<sup>TH</sup> DEC.

1881.

† 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.	Sec. (0 to 9).	SHADE TEMP.				
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda ...	30.07	26	S	4	0	29.97	- 2.3	34	33	+ 11	SW	2	0	*	?	14	-		
Hernösand ...	30.06	36	S	4	0	30.00	- 1.8	35	34	+ 4	S	4	0	*	37	27	-		
Stockholm ...	30.22	33	SW	2	0	30.13	- 1.2	34	32	- 1	S	2	0	*	36	32	-		
Wisby ...	30.28	37	SW	4	0	30.19	- 1.1	37	36	0	W	2	0	*	39	36	-		
Bodö ...	29.75	37	E NE	2	0	29.61	- 2.6	38	35	- 2	E NE	2	0	* 1	?	34	0.04		
Christiansund...	29.80	39	ESE	2	0	29.33	- 4.7	47	39	+ 3	SE	6	0	3	?	28	-		
†Skudesnaes ...	29.86	43	SSE	8	bc	29.54	- 4.1	46	45	+ 1	SSE	8	2	7	?	43	-		
Oxö (Xiänsund) ...	30.03	38	E NE	2	0	29.68	- 3.4	42	41	+ 3	S	8	2	5	?	37	0.16		
Skagen (The Skaw)	30.13	37	SW	4	f	29.92	- 0.1	41	40	+ 4	S	8	0	7	41	34	0.20		
Fanö ...	30.12	40	S	6	0	29.89	- 2.8	39	39	- 1	S	6	0	*	43	39	-		
Cuxhaven ...	30.21	?	SW	2	f	29.99	- 2.1	38	37	+ 1	S	3	bc	*	39	34	-		
†Sumburgh Head																			
†Stornoway ...	28.92	48	SSW	10	0	28.97	- 7.2	45	45	+ 1	W	7	2	7	50	35	0.42		
Wick ...	29.21	45	S	8	0	29.99	- 8.5	45	43	+ 6	SW	7	bc	6	47	32	0.05		
Nairn ...	29.17	46	SSW	8	?	29.14	- 7.3	44	42	+ 7	W	9	6	5	48	36	0.07		
†Aberdeen ...	29.37	46	S	9	20	29.26	- 6.9	44	40	+ 7	SSW	8	6	5	48	35	0.38		
Leith ...	29.37	52	SW	7	2	29.39	- 5.8	44	41	+ 5	WSW	6	6	*	53	39	0.14		
†Shields ...	29.59	46	SSW	7	2	29.56	- 5.1	43	41	+ 4	WSW	3	m	3	48	39	0.04		
Spurn Head ...	29.78	47	S	7	0	29.69	- 4.7	44	43	+ 5	SSW	4	ow	3	49	38	0.09		
York ...	29.74	48	S	4	0	29.67	- 4.7	47	40	+ 5	S	1	6	*	50	36	0.18		
Nottingham ...	29.79	49	SSW	5	0	29.75	- 4.1	41	40	+ 6	SSW	3	bc	*	52	34	0.16		
†Ardrossan ...	29.54	50	SSW	6	0	29.43	- 4.5	46	46	+ 2	SW	5	0	5	50	44	0.41		
†Mullaghmore ...	29.16	45	SW	8	0	29.52	- 0.5	47	44	+ 1	WNW	7	oggy	7	55	36	0.13		
Donaghadee ...	29.40	49	SW	7	bc	29.54	- 3.5	40	39	- 5	SW	4	bc	2	52	40	0.31		
Parsonstown ...	29.51	45	SW	4	bc	29.70	- 0.4	41	39	- 7	WSW	1	bc	*	54	39	0.17		
Barrow-in-Furness	29.60	45	SE	6	2	29.60	- 4.5	46	43	+ 4	SSW	5	0	4	49	42	0.44		
†Holyhead ...	29.59	50	S	8	m	29.66	- 3.2	46	42	- 2	WSW	6	bc	4	52	45	0.38		
Liverpool (Bidston)	29.65	49	SW	4	2	29.68	- 4.0	42	40	+ 1	SW	3	6	2	50	41	0.12		
†Valencia ...	29.58	48	WSW	8	meq	29.85	+ 2.7	46	45	- 8	W	6	cgp	6	55	43	0.13		
Roche's Point...	29.63	46	WSW	6	bc	29.78	+ 0.4	44	42	- 6	WNW	5	bc	4	53	41	0.24		
Pembroke ...	29.72	49	WSW	6	2	29.75	- 2.8	48	46	- 2	W	5	bcg	5	53	47	0.49		
†Scilly ...																			
Prawle Point ...	29.90	53	SSW	7	2	29.87	- 3.5	44	41	- 6	W	3	bc	5	54	41	0.53		
Hurst Castle ...	29.97	51	SW	7	2	29.84	- 4.2	46	46	- 4	WNW	2	0	5	53	44	0.43		
†Dover ...	30.09	48	SW	5	bc	29.78	- 5.3	46	45	+ 6	H	3	cn	1	50	39	0.23		
†London ...	30.00	49	S	6	0	29.81	- 4.5	46	45	+ 12	SW	2	0	*	51	34	0.45		
Oxford ...	29.84	51	S	5	0	29.79	- 4.3	43	42	+ 6	SW	1	m	*	52	37	0.37		
Cambridge ...	29.86	47	S	3	2	29.76	- 4.8	42	42	+ 8	S	1	2	*	50	32	0.28		
†Yarmouth ...	30.02	47	SSW	4	0	29.76	- 4.8	44	43	+ 7	WNW	1	oggy	3	47	35	0.36		
The Helder ...	30.11	41	S	4	0	29.82	- 4.2	42	41	- 1	S	4	0	2	46	41	0.08		
Cape Gris Nez																			
†Jersey ...	30.11	41	SSW	4	om	29.91	- 4.3	45	44	- 3	WNW	2	omp	3	53	44	0.24		
Brest ...	30.05	55	SW	7	m	29.97	- 3.2	49	48	- 3	WNW	5	0	3	?	46	0.20		
Lorient ...	30.13	54	SW	7	2	29.94	- 3.9	48	45	- 2	WNW	7	0	5	55	46	0.39		
†Rochefort ...	30.32	48	S	5	0	30.07	- 3.5	50	49	+ 9	WNW	9	2	7	54	36	0.55		
Biarritz ...																			
Corunna ...	*	*	*	*	*			*						*	*	*			
Brussels ...	*	*	*	*	*	29.90	- 4.4	44	41	+ 4	S	7	0	*	?	?	-		
Charleville ...	30.33	41	S	1	0	30.03	- 3.2	39	36	0	S	4	0	*	52	36	-		
Paris ...	30.34	44	SSW	4	0	29.97	- 4.5	44	43	+ 4	ESE	3	2	*	*	*	0.04		
Lyon ...														*					
Toulon ...	30.34	49	Zo	0	6	30.27	- 0.9	44	41	- 2	NE	3	6	2	50	43	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.39	46	SSW	5	2	28.35	- 4.8	39	38	+ 1	SW	4	0	*	46	37	1.28		

HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.39	46	SSW	5	2	28.35	48	39	+ 1	SW	4	0	*	46	37	1.28	-	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.99	45	42	SSE	4	e	5	Valencia ...	29.52	51	48	SW	9	em	7
Sumburgh Head ...	29.66	44	41	SSE	4	o	4	Scilly ...							
Stornoway ...	29.20	46	46	SSE	8	n	6	Dover ..	30.19	49	48	SW	4	bp	2
Aberdeen ...	29.78	44	42	S	6	n	2	London ...	30.12	50	48	S	4	o	*
Shields ...	29.83	42	40	SSW	4	og	2	Yarmouth ...	30.14	45	44	SSW	3	bc	3
Ardrossan ...	29.46	48	48	SSE	7	n	5	Jersey ...	30.19	50	49	SSW	4	o	4
Mullaghmore ...	29.26	52	48	SSW	9	cgm	7	Rochefort ...	30.36	49	48	SSE	4	o	2
Holyhead ...	29.66	50	50	S	8	ru	6								

Pressure is decreasing quickly except at Valencia where it is almost steady. The wind has veered in S. Ireland and increased in force while a S. gale has sprung up at Holyhead. Heavy rain is falling in the NW and N.

## 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 our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

F O R

THURSDAY, 8<sup>TH</sup> DECEMBER.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

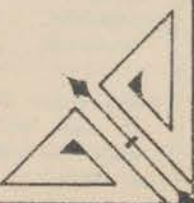
S. W.

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ROBERT H. SCOTT

(SECRETARY.)



*Printed by Dangerfield, Lith. 22, Bedford St. to the Garden.*



# WEATHER CHARTS

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

1887

## BAROMETER, WIND & SEA

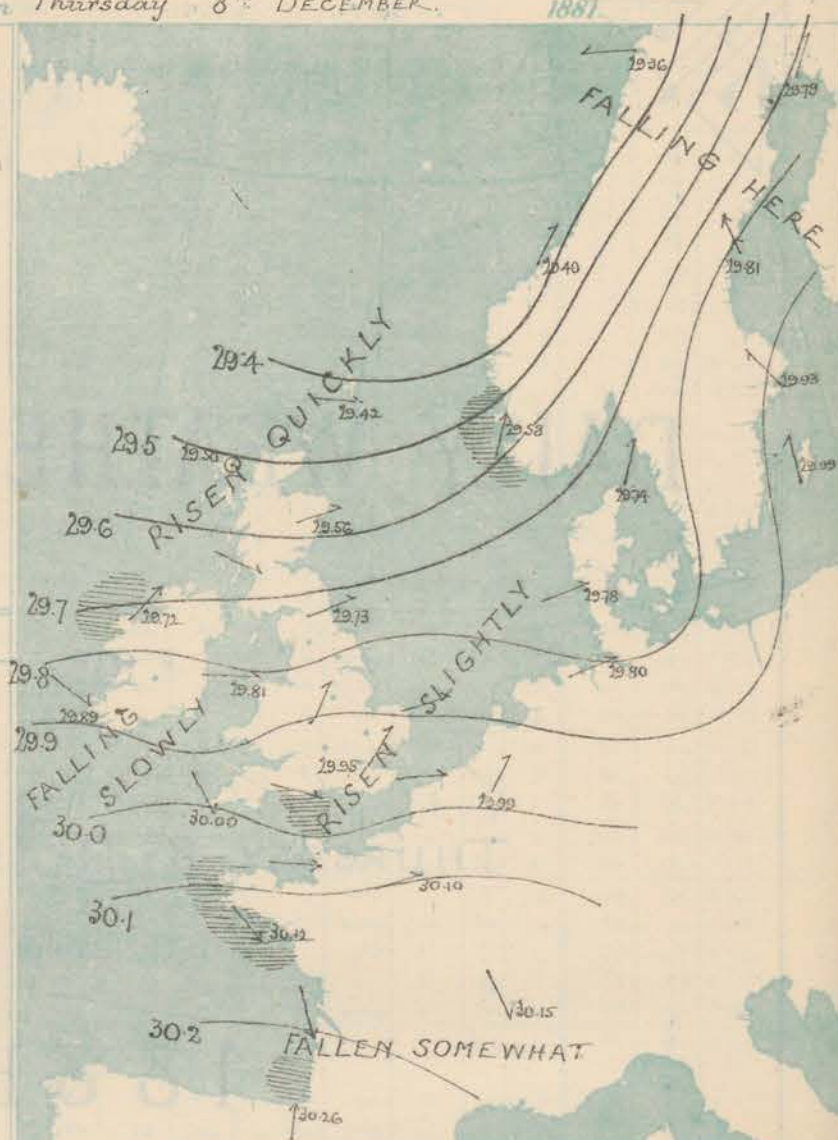
### Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.  
Changes in height of barometer 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 by shading round the coast; thus - Rough; - High.

### MEAN<sup>\*</sup> HEIGHT of the BAROMETER for the month of December

Stations	Mean Readings
	Inch.
Nairn	29.724
Aberdeen	29.740
Leith	29.792
Scarborough	29.837
Ardrossan	29.804
Greenock	29.791
Holyhead	29.837
Valentia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Wormouth	29.881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

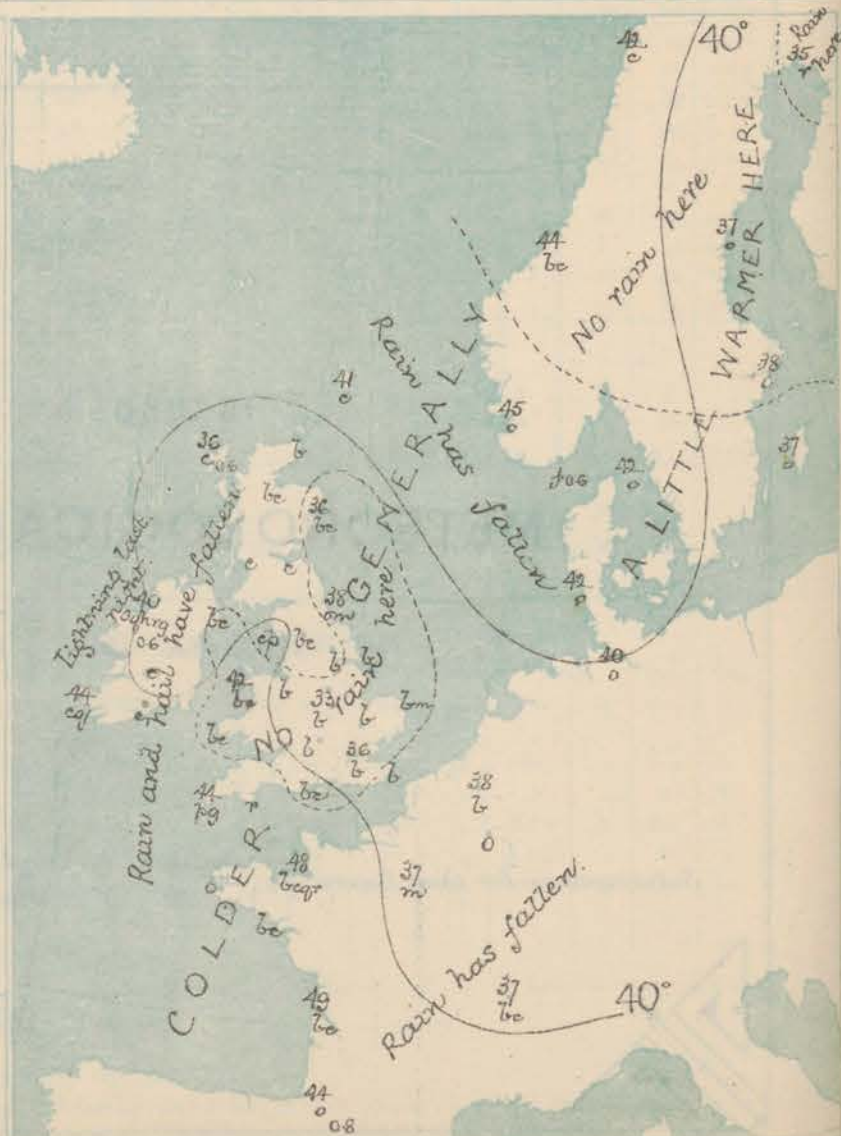
### Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.  
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.  
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<sup>\*</sup> of TEMPERATURE AND RAINFALL for the month of December

Stations	Temp.	Rain-fall
	°	ins
Scrimburgh Head	41.2	3.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.86
Shields	39.7	2.79
York	39.9	2.07
Mullaghmore	42.0	?
Holyhead	42.4	4.01
Parsonstown	42.6	1.68
Valentia	42.6	6.22
Sally (St Mary's)	42.7	4.02
Hurst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Wormouth	40.3	3.42

\* The mean Temperatures are those for the 13 years 1867-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Thursday 8<sup>th</sup> DEC<sup>r</sup> 1881 at 8 a.m.

Yesterday's depression has now almost entirely disappeared, and the barometer is rising except over some parts of Scandinavia, which are still influenced by the former disturbance, and on our west and south-west coasts, where a fresh decrease is appearing. Readings are highest over France, and lowest off the west coast of Norway, while small subsidiary disturbances seem to be crossing Ireland from the westward. The wind has backed to SW at Mullaghmore, and risen to a strong breeze, but is light or moderate from W. on our other coasts, while fresh NW<sup>ly</sup> winds prevail over the Bay of Biscay, and S<sup>ly</sup> to SE<sup>ly</sup> winds in Scandinavia. The weather is, on the whole fine and bright, but in Devon and Cornwall rain is falling, while at Mullaghmore hail showers are reported. Heavy rain has fallen in the Shetlands, Hebrides, and south of Norway. Temperature which has fallen generally, ranges from 46° at Pembroke to 33° at Parsonstown and Nottingham. The minima in the night were 32° at Nottingham, Parsonstown and Cambridge.

The sea is rough at Mullaghmore and Hurst Castle, moderate to smooth generally.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

9<sup>th</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	W <sup>ly</sup> winds, light, to SW <sup>ly</sup> winds, increasing; fine then cloudy and some rain.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND N.E.	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as N° 5.
5 MIDLAND COUNTIES	Same as N° 5.
6 ENGLAND SOUTH	W <sup>ly</sup> and SW <sup>ly</sup> winds, light or moderate; sky becoming cloudy or overcast, with showers, then fine and cold again.

7 SCOTLAND WEST	Moderate or fresh breezes between SW and NW; some showers, perhaps hail.
8 ENGLAND N.W.	-----D°-----D°-----D°-----
9 ENGLAND S.W.	W <sup>ly</sup> or NW <sup>ly</sup> winds, moderate or fresh, some showers, perhaps hail.
10 IRELAND NORTH	Moderate and fresh winds between SW and NW; cloudy, rather cold, some showers, perhaps hail.
11 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The signals are now down on all coasts.



# METEOROLOGICAL OBSERVATIONS FOR

8<sup>TH</sup> DEC.

1881.

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.	Force (0 to 15).	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 15).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.					Max.	Min.	
Haparanda	29.81	35	SW	4	0		29.79	- .12	35	34	+ 1	SW	4	2	36	25	0.12
Hernösand	29.84	36	S	8	0		29.81	- .19	37	35	+ 2	SE	9	0	37	34	-
Stockholm	30.00	37	ESE	4	0		29.93	- .20	38	36	+ 4	SE	4	0	7	32	-
Wisby	30.09	36	S	4	0		29.99	- .20	37	37	0	S	4	0	41	34	0.04
Bodö	29.35	38	E	2	6		29.36	- .25	42	38	+ 4	E	2	0	?	36	-
Christiansund	29.21	48	SW	4	bc		29.40	+ .07	44	40	- 3	SW	2	bc	50	36	-
†Skudesnaes	29.55	48	SSW	6	0		29.58	+ .04	45	43	+ 1	SSW	6	0	?	?	0.24
Oxö (Klansund)	29.65	44	S	4	h		29.67	- .01	43	42	+ 1	S	2	f	41	41	0.55
Skagen (The Skaw)	29.76	41	SSW	6	h		29.74	- .18	42	41	+ 1	SSW	3	0	43	39	0.85
Fanö	29.76	42	SW	1	h		29.77	- .11	42	42	+ 3	WSW	2	0	43	39	0.28
Cuxhaven	29.81	?	SSW	3	bc		29.80	- .19	40	39	+ 2	WSW	2	0	41	36	0.07
†Sumburgh Head	29.12	45	SW	5	c		29.42	+ .55	41	40	- 5	W	3	c	47	41	0.41
†Stornoway	29.39	41	W	2	h		29.50	+ .53	36	36	- 9	W	0	c	47	38	0.57
Wick	29.35	42	W	3	bc		29.50	+ .51	36	35	- 9	W	1	b	47	35	0.04
Nairn	29.42	40	WSW	6	b		29.55	+ .41	36	34	- 8	WSW	1	bc	46	36	0.17
†Aberdeen	29.47	41	SW	1	bc		29.56	+ .30	36	34	- 8	WSW	1	bc	46	33	-
Leith	29.59	42	W	5	h		29.64	+ .25	38	37	- 6	W	1	c	46	36	0.02
†Shields	29.66	44	WSW	3	b		29.70	+ .17	38	36	- 5	WSW	2	cm	47	36	-
Spurn Head	29.75	44	WSW	4	bc		29.81	+ .12	37	36	- 7	SW	4	b	45	36	-
York	29.74	42	WSW	1	b		29.81	+ .14	36	35	- 5	SSW	1	b	47	35	0.01
Nottingham	29.86	38	SSW	1	b		29.87	+ .13	33	32	- 8	SSW	2	b	48	32	-
†Ardrossan	29.63	43	W	3	h		29.67	+ .24	40	40	- 6	WNW	3	c	47	39	0.36
†Mullaghmore	29.73	44	W	7	0		29.72	+ .20	40	39	- 7	SW	6	gh	48	38	0.55
Donaghadee	29.73	40	WNW	4	bc		29.75	+ .21	34	34	- 6	WSW	3	bc	45	33	-
Parsonstown	29.89	39	SW	1	c		29.85	+ .15	33	33	- 8	S	1	c	44	32	0.17
Barrow-in-Furness	29.75	45	WSW	4	bc		29.76	+ .16	41	39	- 5	SW	4	cp	48	40	0.05
†Holyhead	29.81	45	W	4	cg		29.81	+ .15	42	39	- 4	W	3	bc	48	41	-
Liverpool (Bidston)	29.81	43	WSW	4	b		29.81	+ .13	38	37	- 4	SW	3	b	47	38	-
†Valencia	29.97	45	WSW	5	cg		29.89	+ .04	44	41	- 2	WNW	4	cg	50	40	0.15
Roche's Point	29.94	42	WNW	5	bc		29.87	+ .09	42	40	- 2	WNW	4	c	48	38	0.18
Pembroke	29.91	47	W	5	bc		29.88	+ .13	46	43	- 2	W	4	bc	49	44	-
†Scilly																	
Prawle Point	30.02	43	WNW	4	c		29.98	+ .11	44	42	0	W	3	h	51	40	0.14
Hurst Castle	29.94	49	WNW	4	b		29.95	+ .11	44	42	- 2	WNW	4	bc	50	42	-
†Dover	29.91	45	WNW	2	bc		29.97	+ .19	39	38	- 7	W	3	b	47	37	0.03
†London	29.91	41	WSW	2	b		29.95	+ .14	36	35	- 10	SW	1	b	51	33	-
Oxford	29.93	39	SW	1	b		29.92	+ .13	36	35	- 7	SW	1	b	49	36	-
Cambridge	29.88	38	SW	1	b		29.92	+ .16	34	32	- 8	SW	1	b	47	32	-
†Yarmouth	29.82	42	WSW	2	bc		29.89	+ .13	35	34	- 9	WSW	2	bm	45	33	0.02
The Helder																	
Cape Gris Nez																	
†Jersey	30.05	46	W	3	bc		30.05	+ .14	48	45	+ 3	W	5	bc	49	44	0.24
Brest	30.15	49	WNW	4	0		30.11	+ .14	48	43	- 1	W	5	0	54	45	0.20
Lorient	30.12	47	W	4	h		30.12	+ .18	49	44	+ 1	W	5	bc	55	48	-
†Rochefort	30.14	51	WNW	8	0		30.19	+ .12	49	45	- 1	WNW	5	bc	54	43	0.20
Biarritz	30.22	52	WNW	9	h		30.26	+ .11	44	41	- 11	S	5	0	59	39	0.25
Corunna	*	*	*	*	*				*	*					*	*	*
Brussels	*	*	*	*	*		29.99	+ .09	38	37	- 6	SW	3	b	45	37	0.24
Charleville	29.94	43	S	1	0		30.02	- .01	37	36	- 2	S	1	0	61	37	0.32
Paris	30.03	46	SW	3	0		30.10	+ .13	37	36	- 7	WSW	1	m	*	*	0.08
Lyons	30.17	42	WNW	1	h		30.15		37	36		WNW	4	bc	49	37	0.12
Toulon																	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.48	39	W	3	0		28.51	+ .16	34	33	- 5	W	2	bc	40	33	0.23
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.51	46	45	SSE	3	b	3	Valencia ...	29.98	45	43	WNW	5	chg	6
Sumburgh Head	29.00	46	45	SW	5	r	6	Scilly ...							
Stornoway ...	29.24	45	45	WNW	6	rg	6	Dover ..	29.85	47	45	WNW	2	cg	1
Aberdeen ...	29.37	45	43	SSW	3	bc	3	London ...	29.84	48	45	SW	4	bm	*
Shields ...	29.59	47	43	WSW	2	m	2	Yarmouth ...	29.78	45	44	WSW	2	bc	3
Ardrossan ...	29.52	46	46	W	4	c	4	Jersey ...	29.99	49	45	WNW	5	bc	4
Mullaghmore ...	29.67	46	42	WNW	7	chg	7	Rochefort ...	30.11	52	47	WNW	9	o	7
Holyhead ...	29.76	47	43	W	7	bc	6								

The barometer is rising everywhere and the disturbance is passing away. W to NW breezes prevail generally and the weather is on the whole fair except at Valencia, where hail, and at Stornoway, where rain showers are reported.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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





# DAILY WEATHER REPORT

FOR

FRIDAY, 9<sup>TH</sup> DECEMBER.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

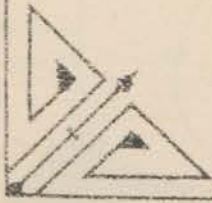
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Dangerfield, 14th 22 Bedford St. Covent Garden.



# WEATHER CHARTS

for 8 a.m. on Friday. 9<sup>th</sup> DECEMBER. 1887

## BAROMETER, WIND & SEA

### Explanation of Map

Barometer isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 6 to 10;  
 — forces 5 to 7; — forces 1 to 4;  
 ○ dead calm.

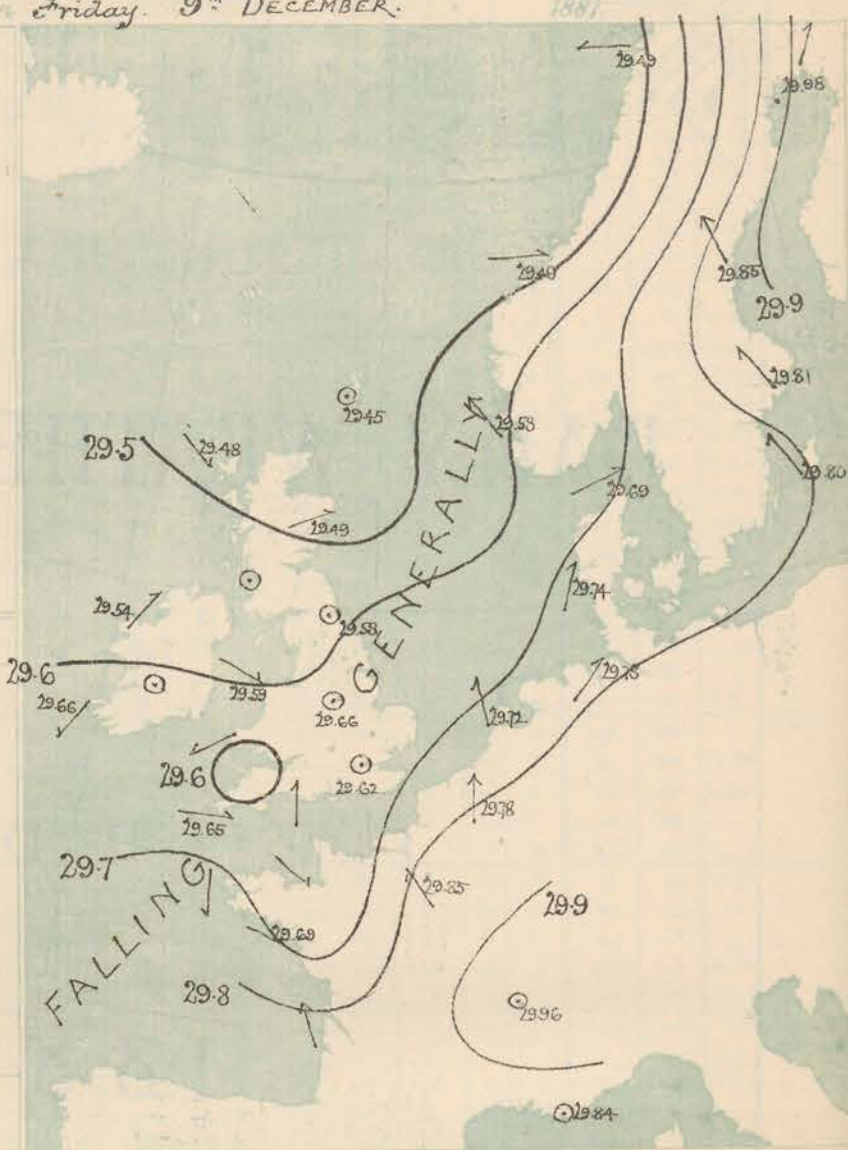
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough, — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings In.
Nairn	29.734
Aberdeen	29.740
Leith	29.782
Scarborough	29.877
Ardrossan	29.804
Greenock	29.791
Holyhead	29.837
Valentia	29.866
Roches Pt.	29.877
Plymouth	29.882
LONDON	29.916
Wormouth	29.881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.





# REMARKS

for FRIDAY, 9<sup>TH</sup> DEC<sup>R</sup> 1881, at 8 a.m.

The weather is in a very unsettled state. The barometer is falling everywhere - most in the south - and a number of small subsidiary depressions are passing over England from the W<sup>nd</sup>. A small area of high readings lies over the south east of France, while the lowest barometer is reported from the north of Scotland but gradients are very slight over these Islands. The wind is very light in force and owing to the depressions noticed above varies considerably in direction; in most places it is W<sup>ly</sup>, but is E<sup>ly</sup> at Pembroke and SE<sup>ly</sup> in Lancashire. The weather shows considerable variations, clear skies being reported from the south of Ireland, the north of Scotland and Liverpool, and dull foggy weather from most other places. Hail is falling at Pembroke and Holyhead, and rain at Hurst Castle, and in London. Temperature has fallen except at some south eastern stations and ranges from 42° at Dover to 29° at York and 26° at Trich. The sea is moderate to slight.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

10<sup>TH</sup> DECEMBER

(ISSUED AT 11 a.m. on previous day)

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH

W<sup>ly</sup> breezes, light; fair, rather cold.

1 SCOTLAND EAST

D° D° D°

2 ENGLAND N.E.

Light breezes between S.W. and N.W.; dull, gloomy, foggy.

3 ENGLAND EAST

Light breezes, varying in direction; dull, gloomy, slight continuous rain.

4 MIDLAND COUNTIES

D° D° D°

5 ENGLAND SOUTH

D° D° D°

## DISTRICTS

## FORECASTS

6 SCOTLAND WEST

Same as N° O.

7 ENGLAND N.W.

Light variable breezes; fair, rather cold.

8 ENGLAND S.W.

W<sup>ly</sup> and N.W<sup>ly</sup> breezes, light; cold showers, then fair.

9 IRELAND NORTH

Same as N° O.

10 IRELAND SOUTH

N.W<sup>ly</sup> breezes to variable airs, fair, rather cold.

## WARNINGS

None Issued.



# METEOROLOGICAL OBSERVATIONS FOR 9<sup>TH</sup> DEC<sup>R</sup>

1881.

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 ...	29.92	34	SW	6	o	29.98	+ .19	36	29	- 5	SW	4	o	*	36	2	0.08		
Hernösand ...	29.84	36	SE	8	o	29.85	+ .04	35	32	- 2	S	6	s	*	37	34	0.04		
Stockholm ...	29.91	35	SE	4	o	29.81	- .12	39	32	- 5	SE	4	o	*	?	?	-		
Wisby ...	29.93	34	SSE	4	o	29.80	- .19	33	32	- 4	SE	4	s	*	39	32	-		
Bodö ...	29.52	41	SE	2	o	29.49	+ .13	40	37	- 2	E	2	o	1	43	37	-		
Christiansund ...	29.50	37	SSE	1	b	29.49	+ .09	41	36	- 3	W	2	c	4	45	28	-		
†Skudesnaes ...	29.60	41	S	6	r	29.58	.00	40	38	- 5	SE	6	o	4	45	40	-		
Örö (Xvansund) ...	29.69	39	WNW	1	bc	29.65	- .02	34	33	- 9	NW	1	c	3	43	32	-		
Skagen (The Skaw)	29.73	38	SW	3	b	29.69	- .05	34	34	- 8	WSW	2	o	1	43	32	-		
Fanö ...	29.78	38	SW	1	b	29.74	- .04	37	37	- 5	SSW	2	c	*	43	36	0.04		
Cuxhaven ...	29.82	?	WSW	2	o	29.78	- .02	39	38	- 1	SW	2	o	*	41	34	-		
†Sumburgh Head	29.45	38	W	2	bc	29.45	+ .03	36	35	- 5	Z	0	bc	2	42	34	0.06		
†Stornoway	29.49	36	W	2	c	29.48	- .02	33	32	- 3	NW	2	bc	2	36	30	0.03		
Wick ...	29.49	40	NW	2	b	29.49	- .01	26	25	- 10	NW	1	b	2	41	20	-		
Nairn ...	29.53	33	Z	0	b	29.47	- .08	32	30	- 4	Z	0	b	1	38	20	-		
†Aberdeen ...	29.57	36	WSW	1	b	29.49	- .07	33	31	- 3	WSW	1	b	1	40	31	-		
Leith ...	29.62	39	W	1	bc	29.52	- .12	36	35	- 2	SW	1	o	*	47	34	0.02		
†Shields ...	29.70	40	W	2	bc	29.58	- .15	35	34	- 3	Z	0	f	2	42	33	-		
Spurn Head ...	29.78	38	SSW	3	b	29.62	- .19	33	33	- 4	SSW	2	f	2	42	32	-		
York ...	29.77	38	SW	1	b	29.62	- .19	29	29	- 7	S	1	f	*	40	27	-		
Nottingham ...	29.82	35	SW	2	b	29.66	- .22	32	32	- 1	Z	0	f	*	42	30	-		
†Ardrossan	29.63	42	WSW	3	bc	29.52	- .15	35	35	- 5	Z	0	b	0	43	34	0.07		
†Mullaghmore	29.66	38	SW	5	c	29.54	- .18	36	36	- 4	SW	4	c	4	42	35	0.41		
Donaghadee ...	29.69	36	SSW	2	c	29.56	- .19	32	32	- 2	W	3	bc	1	40	31	-		
Parsonstown ...	29.77	36	SW	1	o	29.61	- .24	32	31	- 1	S	1	b	*	40	31	0.07		
Barrow-in-Furness	29.72	43	SW	3	r	29.58	- .18	37	36	- 4	ESE	3	cu	3	46	36	0.20		
†Holyhead ...	29.74	40	SW	3	b	29.59	- .22	39	38	- 3	WNW	2	hp	2	44	39	0.06		
Liverpool (Bidston)	29.75	40	SW	2	b	29.60	- .21	33	32	- 5	SSE	1	b	2	44	32	-		
†Valencia ...	29.82	41	W	4	bc	29.66	- .23	40	39	- 4	NE	1	o	1	47	37	0.19		
Roche's Point ...	29.84	42	W	4	c	29.62	- .25	38	36	- 4	NNW	4	bc	4	46	32	0.04		
Pembroke ...	29.79	46	WSW	3	bc	29.60	- .28	39	38	- 7	ENE	2	ph	2	48	39	0.09		
†Scilly ...																			
Prawle Point ...	29.88	42	WNW	4	r	29.66	- .32	38	37	- 6	WNW	2	c	2	48	35	0.28		
Hurst Castle	29.86	44	WNW	3	bc	29.62	- .33	42	41	- 2	S	1	cd	4	49	40	0.16		
†Dover ...	29.87	40	W	2	b	29.64	- .33	42	42	+ 3	SW	5	bc	4	45	37	0.28		
†London ...	29.87	37	WSW	2	b	29.62	- .33	38	38	+ 2	Z	0	f	*	46	35	0.12		
Oxford ...	29.87	39	SSW	1	bc	29.64	- .28	35	35	- 1	Z	0	f	*	46	35	-		
Cambridge ...	29.84	34	SW	1	b	29.61	- .31	34	34	0	S	1	om	*	46	30	-		
†Yarmouth ...	29.84	38	SW	1	bc	29.65	- .24	38	38	+ 3	Z	0	c	2	42	33	0.02		
The Helder ...	29.83	40	S	1	r	29.72	- .16	38	38	- 6	SSE	1	o	1	45	36	0.20		
Cape Gris Nez																			
†Jersey ...	29.96	46	WSW	4	cgh	29.69	- .36	41	40	- 7	NW	2	og	3	49	41	0.74		
Brest ...	29.96	48	W	4	o	29.75	- .36	46	45	- 2	N	4	bc	2	55	43	0.55		
Lorient ...	29.99	49	WNW	4	r	29.69	- .43	43	41	- 6	WNW	3	o	4	52	41	0.47		
†Rochefort ...	30.10	47	S	4	o	29.86	- .33	40	39	- 9	SSE	5	f	2	54	34	0.12		
Biarritz ...	30.11	46	W	1	bc	29.82	- .44	37	36	- 7	SE	4	c	4	?	55	32	0.08	
Corunna ...	*	*	*	*	*			*	*						*	*	*		
Brussels ...	*	*	*	*	*	29.78	- .21	40	39	+ 2	S	5	bc	*	44	38	0.54		
Charleville ...	30.00	38	S	1	o	29.85	- .17	38	36	+ 1	S	1	m	*	?	43	36	-	
Paris ...	30.02	42	SSW	1	b	29.85	- .25	35	35	- 2	SE	3	f	*	*	*	-		
Lyons ...	30.09	39	NW	4	o	29.96	- .19	35	34	- 2	NNW	1	o	*	44	34	-		
Toulon ...	29.87	45	N	3	bc	29.84		45	41		Z	0	b	5	50	39	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.48	35	W	2	bc	28.33	- .15	33	33	- 1	W	2	o	*	37	31	0.7		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.48	35	W	2	bc	29.33	- .15	33	33	- 1	W	2	o	*	37	31	0.07
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.60	444	441	SSE	6	o	5	Valencia ...	29.85	46	43	W	4	cp	4
Sumburgh Head	29.44	40	39	W	3	bc	2	Scilly ...							
Stornoway ...	29.47	36	36	WSW	3	csp	3	Dover ..	29.90	45	43	W	2	bc	1
Aberdeen ...	29.57	40	38	WSW	1	b	1	London ...	29.98	44	42	WSW	2	bc	*
Shields ...	29.71	41	38	W	2	cm	2	Yarmouth ...	29.84	42	40	WSW	2	b	2
Ardrossan ...	29.65	42	42	WSW	3	c	3	Jersey ...	29.99	46	45	WSW	4	c	4
Mullaghmore ...	29.68	40	39	SW	6	ogm	6	Rochefort ...	30.10	48	46	W	3	r	2
Holyhead ...	29.78	45	41	SW	3	bc	2								

Pressure is decreasing except in the extreme NE., but the change is nowhere large. The wind varies between SW. and NW. and the weather is showery in the W., but fine in the E. Temperature ranges from 36° at Stornoway to 48° at Falmouth.

## EXPLANATION OF COLUMNS.

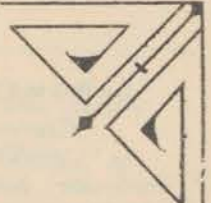
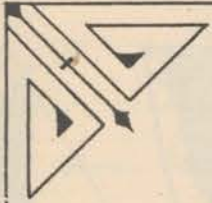
**WEATHER.**—Beaufort Scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

† The evening observations are taken at 6 p.m. in our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark; and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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





# DAILY WEATHER REPORT

F O R

SATURDAY 10<sup>TH</sup> DECEMBER.

1881.

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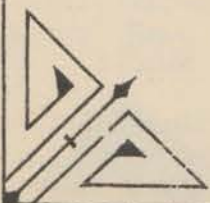
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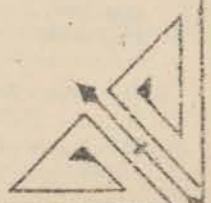
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on SATURDAY, 10<sup>th</sup> DECEMBER, 1881

## BAROMETER, WIND & SEA

### Explanation of Map

Barometer isobars are drawn for each tenth of an inch.  
Changes in height of barometer since previous morning are stated in words.

Wind Arrows show the prevalent winds.  
They fly with the wind and their barbs and feathers refer to force, thus:  
→ forces above 10; →→ forces 8 to 10  
→→ forces 5 to 7; →→ forces 3 to 5  
○ dead calm.

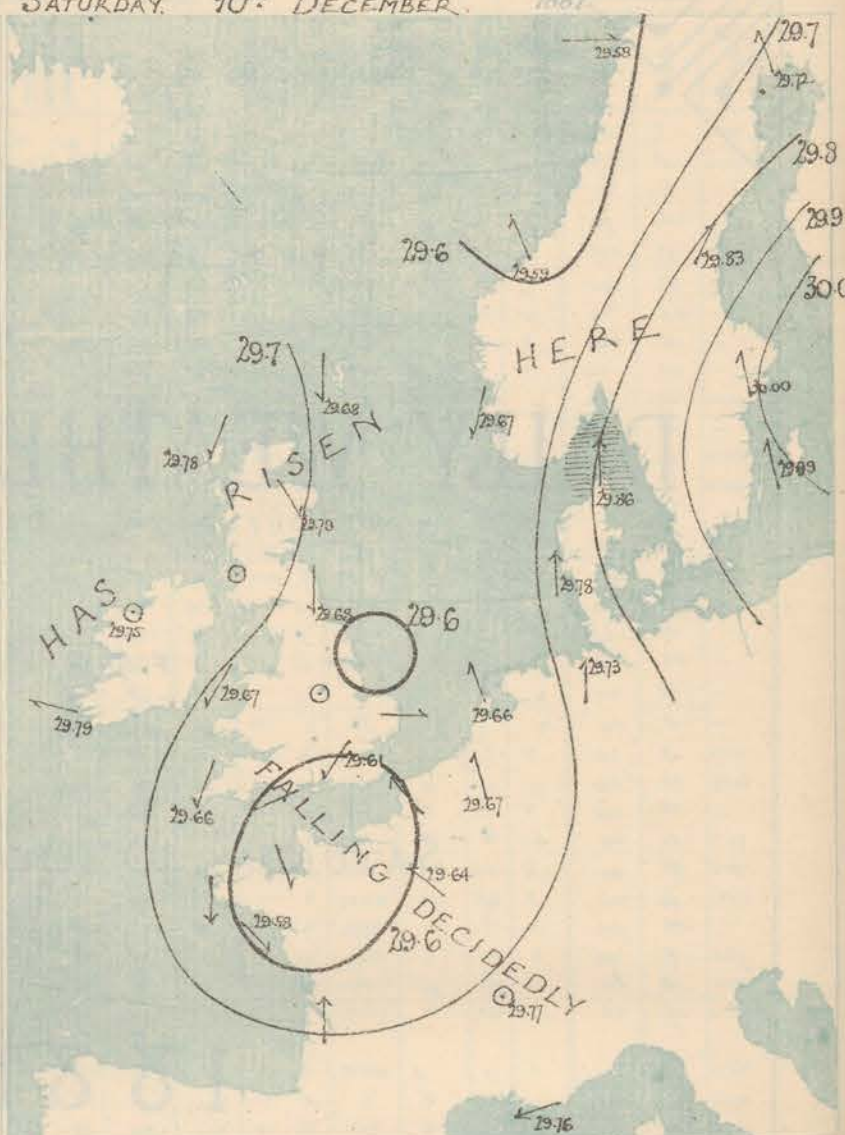
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High

### MEAN HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings
	in.
Nairn	29.724
Aberdeen	29.740
Leith	29.765
Scarborough	29.837
Ardrossan	29.804
Grimcastle	29.791
Holyhead	29.837
Valentia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

These means are for the 10 years 1868-76.  
A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map

Temperature Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.  
Weather: Letters of the Beaufort Scale show state of Weather at 8 a.m.  
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

AND RAINFALL

for the month of December

Stations	Temp	Rain-Fall
		in.
Stamburgh Head	41.2	2.32
Stamburgh	41.0	0.09
Aberdeen	39.6	2.36
Shields	39.7	2.70
York	39.8	2.67
Mulloughmore	42.0	?
Holyhead	43.4	4.01
Parsonstown	47.8	3.08
Valentia	43.4	4.22
Sally (St Mary's)	46.2	4.02
Hurst Castle	41.2	?
Dover	41.0	3.04
LONDON	41.0	2.19
Yarmouth	40.3	3.42

The mean temperatures are those for the 11 years 1867-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for SATURDAY 10<sup>th</sup> DEC<sup>r</sup> 1891 at 8 a.m.

This morning the barometer is rising over Scandinavia, and the greater part of these Islands, but is falling over the Channel and France. Areas of high readings are reported from the Baltic, and the extreme west and north-west of the United Kingdom, while shallow depressions lie, one off the East coast of England, and a second over the south of England, the Channel, and north of France. The wind is light on all our coast, blowing from the northward in most places, but from E. or NE. in the south, while on the eastern shores of the North Sea light to strong S<sup>w</sup> winds are reported. The weather is fine and bright over Scotland, Ireland, and the north and west of England, but over the Midland Counties there is much fog, and in "England S." snow and sleet are falling heavily. On the Continent generally the sky is overcast. Temperature has again fallen and readings range from 38° at Falmouth to 25° at Nottingham and 26° at Wick. During the night the thermometer fell to 22° at Wick, 24° at Nottingham, and 26° at Aberdeen and York.

The sea is moderate to smooth

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon on the

11<sup>th</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

Light N<sup>w</sup> breezes to calms; fair then foggy, sharp frost.

1 SCOTLAND EAST

----- D° ----- D° ----- D°

2 ENGLAND N.E.

----- D° ----- D° ----- D°

3 ENGLAND EAST

Very light breezes; cloudy, gloomy, cold.

4 MIDLAND COUNTIES

Calms or light variable breezes; fair then foggy and very cold.

5 ENGLAND SOUTH

Light E<sup>w</sup> breezes; snow ceasing in afternoon or evening, then foggy and cold.

6 SCOTLAND WEST

Same as N<sup>o</sup>s 0 to 2

7 ENGLAND N.W.

Light or moderate N<sup>w</sup> breezes then variable airs; fair, fog.

8 ENGLAND S.W.

N<sup>w</sup> breezes, light; fair, rather cold.

9 IRELAND NORTH

Light variable breezes or calms; fair then foggy and cold.

10 IRELAND SOUTH

----- D° ----- D° ----- D°

### WARNINGS

NONE ISSUED



# METEOROLOGICAL OBSERVATIONS FOR

10<sup>th</sup> Dec.

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 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	29.82	28	S	4	o	29.72	- .26	31	31	+ 1	S	4	S	*	?	27	-		
Hernösand	29.81	32	SE	6	S	29.83	- .02	32	31	- 3	SW	2	C	*	37	28	0.08		
Stockholm	29.84	35	S	2	O	30.00	+ .19	35	33	+ 2	S	2	O	*	36	30	-		
Wisby	29.89	38	W	4	O	29.99	+ .19	36	35	+ 3	S	2	O	*	41	32	0.04		
Bodö	29.46	35	SE	2	bc	29.58	+ .09	36	35	- 4	W	2	O	2	?	32	0.28		
Christiansund	29.57	38	SE	1	C	29.59	+ .10	40	35	- 1	SSE	3	C	4	41	28	-		
†Skudesnaes	29.60	40	S	7	h	29.67	+ .09	37	36	- 3	NNE	2	O	4	41	?	-		
Oxö (Christiansund)	29.72	36	N	1	C	29.74	+ .09	42	41	+ 2	S	6	O	4	?	?	0.32		
Skagen (The Skaw)	29.81	39	SW	4	C	29.86	+ .17	40	38	+ 6	S	6	O	6	?	32	-		
Fanö	29.76	38	SSE	6	O	29.78	+ .04	33	33	- 4	S	5	O	*	41	32	-		
Cuxhaven	29.76	?	S	2	O	29.73	- .05	33	33	- 6	S	3	O	*	39	32	-		
†Sumburgh Head	29.53	36	Z	0	C	29.68	+ .23	34	33	- 2	N	1	bc	0	42	33	0.20		
†Stornoway	29.60	33	NNW	1	bc	29.78	+ .30	32	32	- 1	NNE	1	bc	0	36	30	-		
Wick	29.59	28	NW	1	b	29.74	+ .25	26	25	0	NW	1	bc	2	33	22	-		
Nairn	29.59	30	Z	0	b	29.74	+ .27	31	30	- 1	SW	1	O	1	42	28	0.01		
†Aberdeen	29.58	30	Z	0	b	29.70	+ .21	29	28	- 4	NW	2	b	1	36	26	-		
Leith	29.58	37	W	1	C	29.72	+ .20	30	28	- 6	NW	1	b	*	40	28	-		
†Shields	29.57	36	NNW	1	bc	29.68	+ .10	33	32	- 2	N	2	bc	2	39	31	0.02		
Spurn Head	29.56	35	NNW	2	O	29.59	- .03	38	37	+ 5	NNW	3	C	3	38	31	-		
York	29.59	28	Z	0	f	29.65	+ .03	32	31	+ 3	NW	1	bc	*	32	26	-		
Nottingham	29.64	29	Z	0	f	29.69	+ .03	25	25	- 7	Z	0	f	*	32	24	-		
†Ardrossan	29.58	35	NE	1	ef	29.76	+ .24	30	29	- 5	Z	0	bf	0	37	28	-		
†Mullaghmore	29.60	40	NNW	5	cg	29.75	+ .21	35	34	- 1	SW	1	b	4	42	33	0.14		
Donaghadee	29.61	33	S	1	b	29.73	+ .17	37	36	+ 5	NE	3	b	1	38	31	0.13		
Parsonstown	29.65	32	NW	1	b	29.78	+ .17	28	28	- 4	WSW	1	bc	*	38	27	-		
Barrow-in-Furness	29.57	37	SE	3	h	29.67	+ .09	31	31	- 6	NE	2	b	2	39	29	0.17		
†Holyhead	29.57	41	WSW	2	O	29.67	+ .08	41	37	+ 2	NE	4	b	3	44	35	0.08		
Liverpool (Bidston)	29.58	37	S	1	C	29.68	+ .08	31	31	- 2	SSE	1	f	1	39	30	-		
†Valencia	29.63	41	N	4	cp	29.79	+ .13	36	35	- 4	E	1	b	1	46	35	0.14		
Roche's Point	29.61	39	NNW	1	b	29.76	+ .14	37	35	- 1	NNW	2	b	1	44	33	-		
Pembroke	29.56	37	NNE	1	bc	29.66	+ .06	36	34	- 3	NNE	1	b	1	42	35	0.07		
†Scilly																			
Prawle Point	29.53	39	NE	2	O	29.62	- .04	33	33	- 5	N	3	C	2	49	33	0.18		
Hurst Castle	29.56	41	ESE	2	h	29.66	- .06	33	33	- 9	ENE	4	SW	3	44	32	0.32		
†Dover	29.52	43	SSW	6	cg	29.58	- .06	41	39	- 1	SE	2	ON	2	47	37	0.36		
†London	29.57	39	Z	0	fg	29.61	- .01	32	32	- 6	NE	2	S	*	40	32	0.05		
Oxford	29.59	31	Z	0	f	29.65	+ .01	29	29	- 6	N	2	f	*	35	28	-		
Cambridge	29.57	35	Z	0	O	29.64	+ .03	31	31	- 3	Z	0	O	*	38	28	-		
†Yarmouth	29.57	37	Z	0	grf	29.61	- .04	33	33	- 5	W	2	f	3	39	30	0.89		
The Helder	29.68	38	S	1	C	29.66	- .06	37	36	- 1	SSE	1	C	1	43	36	-		
Cape Gris Nez																			
†Jersey	29.56	43	SW	2	bcg	29.51	- .18	41	40	0	NNW	3	comp	3	45	39	0.80		
Brest	29.59	42	NNE	5	h	29.62	- .13	42	40	- 4	N	5	O	3	54	41	0.16		
Lorient	29.55	43	NW	4	O	29.58	- .11	42	39	- 1	NW	5	C	4	50	37	0.28		
†Roche fort	29.70	42	ESE	7	O	29.63	- .23	45	42	+ 5	S	5	O	2	50	34	0.59		
†Biarritz	29.76	48	SSW	4	h	29.69	- .13	46	43	+ 9	SW	7	O	4	52	36	0.08		
Corunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	29.67	- .11	34	33	- 6	SSE	3	bc	*	43	34	-		
Charleville	29.75	36	S	4	O	29.68	- .17	32	30	- 6	S	4	bc	*	46	32	-		
Paris	29.69	42	ESE	3	O	29.64	- .21	36	35	+ 1	ESE	1	O	*	*	*	0.04		
Lyons	29.84	34	S	1	b	29.77	- .19	35	33	0	ESE	1	O	*	39	30	-		
Toulon	29.85	44	S	4	O	29.76	- .08	43	40	- 2	ENE	7	O	4	50	41	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.33	32	S	1	b	28.42	+ .09	27	26	- 6	S	1	b	*	34	23	0.12		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes ...	29.59	40	38	SSE	7	h	Valencia ...	29.65	46	43	NW	3	cp	4
Sumburgh Head	29.48	37	36	Z	0	bc	Scilly ...							
Stornoway ...	29.56	36	35	N	1	bc	Dover ..	29.55	45	43	SW	6	cg	4
Aberdeen ...	29.52	36	34	Z	0	bc	London ...	29.57	41	40	Z	0	qgf	*
Shields ...	29.55	39	37	Z	0	b	Yarmouth ...	29.57	39	38	Z	0	ogf	2
Ardrossan ...	29.53	37	37	NE	1	c	Jersey ...	29.60	43	41	WSW	3	c	3
Mullaghmore ...	29.57	41	39	NNW	4	b	Roche fort ...	29.58	42	41	S	7	n	2
Holyhead ...	29.56	39	38	WSW	2	cp								

Pressure is decreasing except in the N. and readings are very uniform all over the United Kingdom. Calms prevail in the E. and central districts with fine weather in the N. but rainy and very gloomy weather in London.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted). † Received too late for insertion in Charts.





# DAILY WEATHER REPORT

F O R

SUNDAY 11<sup>th</sup> DECEMBER.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT  
(SECRETARY.)



*Fred<sup>r</sup> Dangerfield, Lith. 22, Bedford St. Covent Garden.*



# WEATHER CHARTS

For 8 a.m. on Sunday 11<sup>th</sup> DECEMBER, 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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.

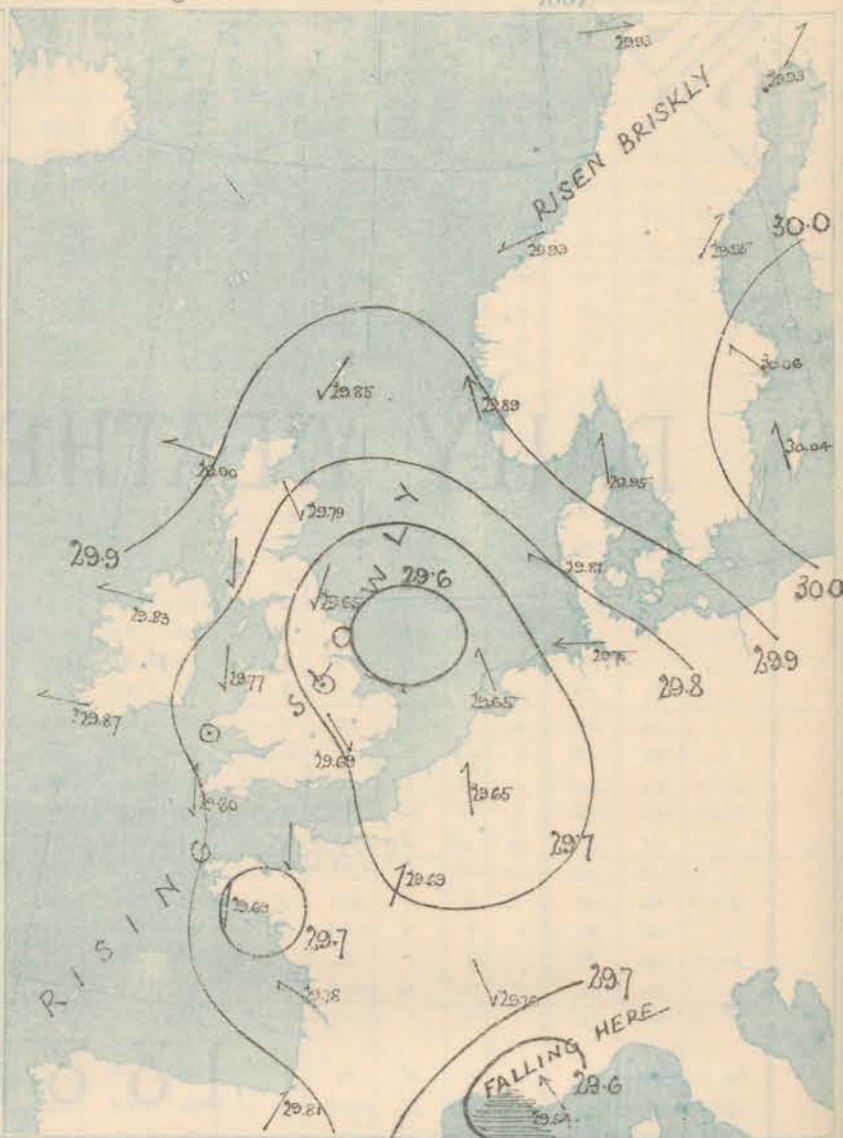
Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough. — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of December.

Stations.	Mean Readings In.
Nairn	29.724
Aberdeen	29.700
Leith	29.762
Scarborough	29.827
Ardrossan	29.804
Greenock	29.707
Holyhead	29.837
Valencia	29.866
Rochester	29.837
Plymouth	29.872
LONDON	29.916
Yarmouth	29.881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 AND RAINFALL

for the month of December

Stations	Temp.	Rain-fall
Sumburgh Head	41.2	2.32
Saxnaway	41.5	0.09
Aberdeen	39.5	2.96
Shetlands	39.7	2.29
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.8	6.22
Sally (St Mary's)	40.7	4.02
Throst Castle	43.2	?
Dover	41.0	1.54
LONDON	41.0	2.19
Yarmouth	40.9	3.42

\* The mean Temperatures are those for the 10 years 1867-76; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Sunday 11<sup>th</sup> DEC<sup>r</sup> 1881. at 8 a.m.

There has been considerable improvement in the weather over the British Isles today. The small depression which lay over the S.E. of England on Friday and Saturday and caused the fog and snow which visited those localities has passed away north-Eastward over the North Sea, and the sky has cleared except in the East of England. The wind is N<sup>+</sup> and light or moderate in force on all our coasts, while on the eastern shores of the North Sea it is fresh from East and South-East.

Temperature has risen briskly in the N., but has fallen in most other districts, and sharp frost prevails in several localities; readings range from 40° in the Shetlands and 42° at Holyhead to 23° at Parsonstown and 24° at Oxford.

Rain has fallen in the south-East and north-East.

Sea is nearly smooth round our coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

ISSUED AT 11 a.m. on previous day

### DISTRICTS

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

### FORECASTS

ISSUED  
N O N E

### DISTRICTS

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

### WARNINGS

### FORECASTS

ISSUED  
N O N E



# METEOROLOGICAL OBSERVATIONS FOR 11<sup>TH</sup> DEC<sup>R</sup> 1881.

† 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 ...	29.83	30	SW	2	bc	29.93	+ .4	27	26	— 4	SW	2	c	*	32	27	—		
Hernösand ...	29.94	33	SW	2	c	29.95	+ .12	33	32	+ 1	SW	2	c	*	36	27	—		
Stockholm ...	30.06	34	SSE	2	c	30.06	+ .06	34	33	— 1	SE	2	c	*	37	24	0.02		
Wisby ...	30.03	36	E	4	r	30.04	+ .05	33	32	— 3	SSE	2	r	*	39	?	0.04		
Bodö ...	29.67	31	E	2	c	29.93	+ .35	29	28	— 7	W	3	c	1	36	27	—		
Christiansund ...	29.73	39	W	4	c	29.93	+ .34	37	35	— 3	ENE	4	c	4	3	27	0.04		
† Skudesnaes ...	29.79	41	SE	6	c	29.89	+ .22	40	38	+ 3	SSE	6	c	4	41	37	—		
Oxö (Xtiansund) ...	29.82	39	SE	4	r	29.92	+ .18	39	36	— 3	ESE	4	c	3	42	37	0.04		
Skagen (The Skaw) ...	29.89	40	SSE	3	c	29.95	+ .09	39	37	— 1	SSE	3	c	3	44	36	0.04		
Fanö ...	29.81	34	SE	4	c	29.81	+ .03	35	34	+ 2	ESE	4	c	*	36	32	—		
Cuxhaven ...	29.73	?	SE	3	c	29.75	+ .02	35	33	+ 2	E	5	c	*	36	32	—		
† Sumburgh Head ...	29.76	36	N	4	b	29.85	+ .17	40	39	+ 6	NE	4	c	4	40	33	0.15		
† Stornoway ...	29.81	33	N	1	b	29.90	+ .12	33	32	+ 1	E	1	b	1	36	29	0.04		
Wick ...	29.81	37	NE	2	bc	29.86	+ .12	39	37	+ 13	NE	2	bc	2	39	25	0.25		
Nairn ...	29.80	31	Z	0	c	29.84	+ .10	33	32	+ 2	Z	0	c	1	33	28	0.11		
† Aberdeen ...	29.75	35	NNW	3	b	29.79	+ .09	36	35	+ 7	NNW	3	c	3	37	28	0.15		
Leith ...	29.76	34	NN	1	bc	29.78	+ .06	34	33	+ 4	NN	1	c	*	35	28	—		
† Shields ...	29.68	35	N	3	bc	29.65	— .03	41	39	+ 8	NNE	4	c	4	42	32	0.16		
Spurn Head ...	29.63	38	NNW	4	c	29.58	— .01	36	36	— 2	W	4	c	4	41	34	—		
York ...	29.68	34	NNW	1	b	29.57	— .08	36	35	+ 4	N	1	c	*	37	31	—		
Nottingham ...	29.72	32	NN	1	b	29.69	— .00	30	30	+ 5	SW	1	c	*	35	22	—		
† Ardrossan ...	29.78	30	Z	0	b	29.81	+ .05	31	30	+ 1	N	1	b	1	37	27	—		
† Mullaghmore ...	29.78	37	E	3	b	29.83	+ .08	29	28	— 6	E	1	b	2	46	25	—		
Donaghadee ...	29.79	39	ENE	3	b	29.82	+ .09	33	32	— 4	NNW	2	bc	0	40	33	0.01		
Parsonstown ...	29.82	31	N	1	f	29.80	+ .08	28	28	— 5	NNE	1	f	*	32	22	—		
Barrow-in-Furness ...	29.72	32	NNE	1	b	29.70	+ .03	35	34	+ 4	NNE	2	c	2	38	29	—		
† Holyhead ...	29.74	37	NNE	1	b	29.77	+ .10	42	37	+ 1	N	3	c	2	42	38	—		
Liverpool (Bidston) ...	29.73	34	N	1	b	29.72	+ .04	39	37	+ 8	NN	3	c	2	39	28	—		
† Valencia ...	29.76	37	Z	0	b	29.77	— .02	39	38	+ 3	E	1	c	2	49	34	—		
Roche's Point ...	29.78	35	NNE	4	b	29.81	+ .05	29	29	— 8	NNE	3	f	4	41	29	—		
Pembroke ...	29.72	36	NE	1	b	29.77	+ .11	35	34	— 1	ENE	1	b	0	40	33	—		
† Scilly ...																			
Prawle Point ...	29.69	34	N	4	b	29.78	+ .16	32	31	— 1	N	2	b	1	41	30	—		
Hurst Castle ...	29.63	35	NE	4	c	29.73	+ .17	31	31	— 2	NNE	1	m	3	36	30	0.14		
† Dover ...	29.60	40	ESE	1	c	29.65	+ .07	35	34	— 6	N	3	cg	1	42	34	0.22		
† London ...	29.64	35	NE	1	od	29.69	+ .08	31	30	— 1	NNW	2	bc	*	36	31	0.16		
Oxford ...	29.68	33	N	1	bc	29.71	+ .06	29	28	— 0	NN	1	f	*	35	29	0.05		
Cambridge ...	29.65	33	NN	1	c	29.67	+ .03	30	30	— 1	N	1	c	*	34	28	0.04		
† Yarmouth ...	29.63	37	Z	0	f	29.64	+ .03	33	33	— 0	NNW	2	f	3	37	32	0.05		
The Helder ...	29.67	37	SSW	1	c	29.65	— .01	34	34	— 3	SSE	1	c	1	39	34	0.08		
Cape Gris Nez ...	29.62	37	SSE	3	c	29.65		39	38		N	1	r	2	41	34	0.16		
† Jersey ...	29.62	41	NNW	3	c	29.74	+ .28	41	38	0	N	3	bc	3	44	37	0.44		
Brest ...	29.70	40	N	3	bc	29.79	+ .17	38	35	— 4	ENE	3	c	2	46	34	0.08		
Lorient ...	29.67	42	NNW	4	b	29.69	+ .11	41	36	— 1	N	3	b	2	45	31	—		
† Rochefort ...	29.71	43	NN	4	bc	29.78	+ .15	37	37	— 8	SE	3	b	2	52	32	—		
Biarritz ...	29.75	46	SW	5	r	29.81	+ .12	42	39	— 4	SW	5	r	4	48	36	1.42		
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	29.65	— .02	38	37	+ 4	S	1	c	*	40	?	0.04		
Charleville ...	29.66	37	S	3	c	29.66	— .02	36	33	+ 4	S	1	c	*	41	30	0.04		
Paris ...	29.64	39	ESE	3	c	29.69	+ .05	39	39	+ 3	SSW	3	c	*	*	*	0.04		
Lyons ...	29.73	37	NN	1	r	29.76	— .01	33	33	— 2	NNW	1	r	*	38	32	0.55		
Toulon ...	29.72	42	E	11	r	29.54	— .22	47	47	+ 4	SE	5	c	6	47	43	1.62		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.47	28	Z	0	b	29.44	+ .02	30	29	+ 3	NNE	3	c	*	31	25	0.09		

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

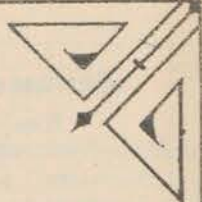
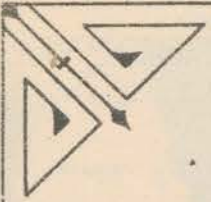
	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudeanaes ...	29.74	40	38	ESE	2	c	4	Valencia ...	29.78	45	42	SSW	1	bc	1
Sumburgh Head ...	29.72	37	36	N	3	bc	2	Scilly ...							
Stornoway ...	29.80	35	35	E	2	c	1	Dover ...	29.59	40	39	SE	2	cg	2
Aberdeen ...	29.73	35	34	NN	2	b	1	London ...	29.62	36	35	NNE	2	agd	*
Shields ...	29.69	36	35	N	3	c	2	Yarmouth ...	29.62	36	35	Z	0	f	3
Ardrossan ...	29.76	36	36	Z	0	b	0	Jersey ...	29.58	40	40	N	3	c	3
Mullaghmore ...	29.76	40	38	E	2	b	3	Rochefort ...	29.69	49	44	W	4	bc	2
Holyhead ...	29.71	41	37	NNE	3	c	3								

There has been scarcely any change since the morning over these islands, the wind remaining light from the NW generally, with dull gloomy, foggy and rainy weather in the SE. and fine weather elsewhere.

## EXPLANATION OF COLUMNS.

**WEATHER.**—*Barometer* 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 our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

F O R

MONDAY 12<sup>TH</sup> DECEMBER

1881.

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METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


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ROBERT H. SCOTT

(SECRETARY.)



*Printed by D. B. Doughty, 11th 22 Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on Monday 12<sup>th</sup> DECEMBER 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

Barometer Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 40; → forces 8 to 10; → forces 5 to 7; → forces 1 to 4.

○ dead calm.

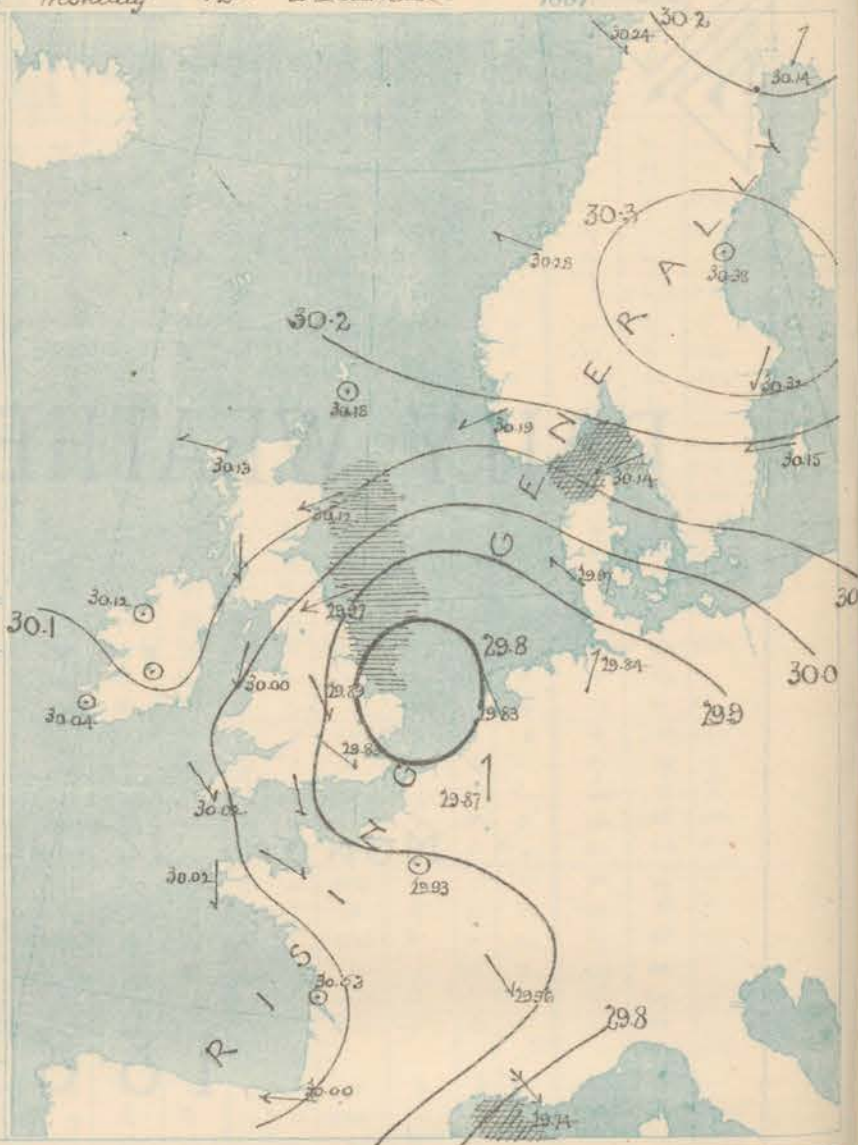
Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough. — High.

## MEAN<sup>\*</sup> HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings
	Ins
Nairn	29 724
Aberdeen	29 740
Leith	29 762
Scarborough	29 837
Ardrossan	29 804
Greenock	29 790
Holyhead	29 837
Valencia	29 866
Rocks P.	29 837
Plymouth	29 872
LONDON	29 916
Yarmouth	29 881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

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.

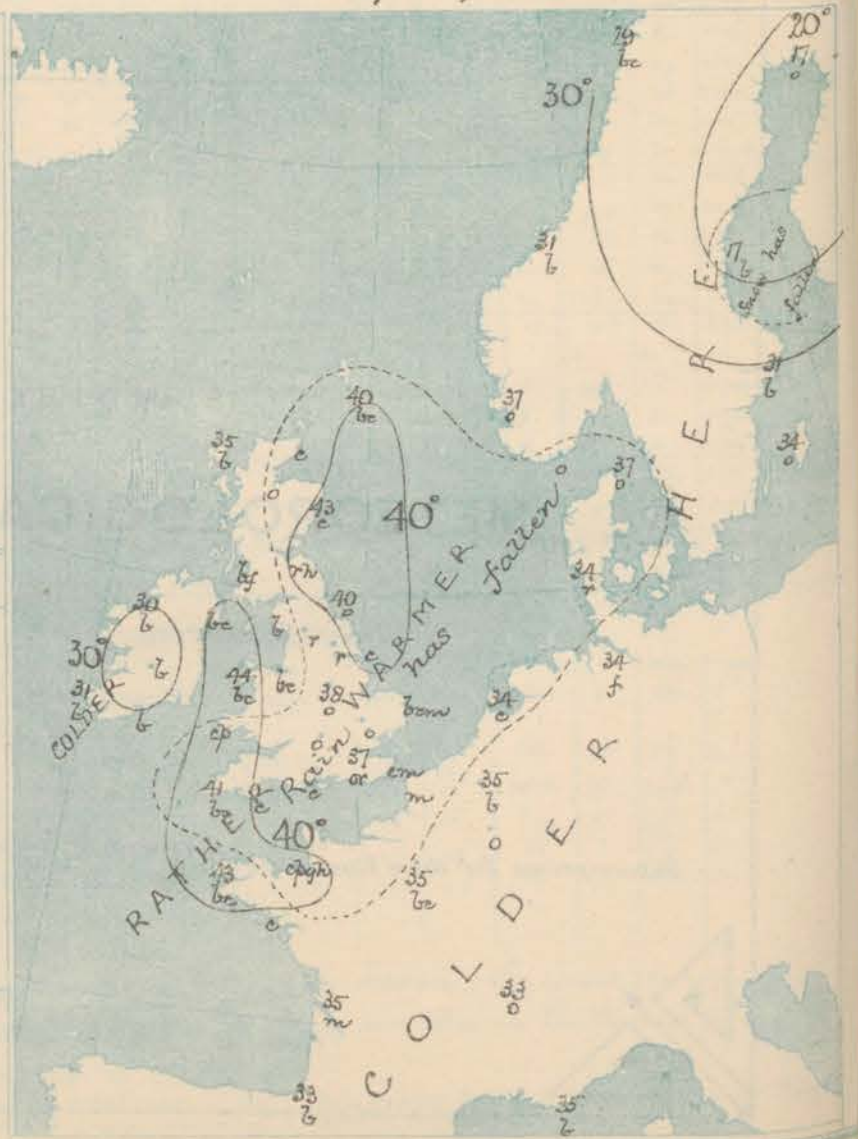
## MEANS<sup>\*</sup> OF TEMPERATURE

AND RAINFALL.

for the month of December

Stations	Temp.	Rain-fall
	°	Ins
Sumburgh Head	41.2	3.32
Sarnoway	41.5	6.09
Aberdeen	39.5	2.96
Shetlands	39.7	2.70
Wick	39.9	2.67
Mallochmore	42.0	2
Holyhead	42.4	4.07
Parsonstown	42.6	3.08
Valencia	42.8	4.22
Sally (St Mary's)	40.7	4.02
Hurst Castle	40.7	7
Dover	41.0	3.54
LONDON	41.0	2.79
Fornmouth	40.3	3.42

\* The mean Temperature are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Monday 12<sup>th</sup> DEC<sup>r</sup> 1881 at 8 a.m.

This morning the barometer is rising in all parts of Western Europe, the change being greatest on our NE coast, and over Scandinavia. A large anticyclone lies over Sweden, whence an area of comparatively high readings extends SW<sup>ards</sup> over our N and W coasts. At the same time the small depression over the North Sea though apparently filling up is still distinctly shown. The winds circulate round this centre, blowing from E. and NE. over the North Sea, from NE. and N. at most of our stations, and from NW. and W over the Channel and north of France. It is rather strong in the NE. and over the Skagerrack, but is light or moderate generally. The weather is fine and bright in parts of Scandinavia, and on our extreme N. and W. coasts, but is cloudy elsewhere, with cold rain over the East of England. In the W the weather has been dry. Temperature has risen except in Ireland, and readings range from 44° at Holyhead and 43° at Aberdeen to 20° at Parsonstown. During last night the thermometer fell to 19° at Parsonstown + 2° at Mullaghmore. The sea is rough in the NE.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the  
13<sup>th</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND  
NORTH

NE<sup>ly</sup> or E<sup>ly</sup> breezes, light or moderate, fair, rather cold.

2 SCOTLAND  
EAST

Moderate or fresh NE<sup>ly</sup> breezes; cloudy, cold showers.

3 ENGLAND  
NE

-----D°-----D°-----D°-----

4 ENGLAND  
EAST

N<sup>ly</sup> winds, moderate or light, cloudy with cold rain then fair.

5 MIDLAND  
COUNTIES

-----D°-----D°-----D°-----

6 ENGLAND  
SOUTH

NW<sup>ly</sup> and N<sup>ly</sup> winds, light; dull, with cold rain till evening then fair

### DISTRICTS

### FORECASTS

7 SCOTLAND  
WEST

N<sup>ly</sup> or NE<sup>ly</sup> breezes, light; fair, cold.

8 ENGLAND  
NW

N<sup>ly</sup> winds, moderate, becoming cloudy, some rain.

9 ENGLAND  
SW

NW<sup>ly</sup> and N<sup>ly</sup> winds, light; cloudy, some showers

10 IRELAND  
NORTH

N<sup>ly</sup> winds to variable airs; fair, cold.

11 IRELAND  
SOUTH

-----D°-----D°-----D°-----

### WARNINGS

NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

12<sup>TH</sup> DEC.

1881.

† 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	30.04	14	SW	2	b	30.14	+ 2.1	17	16	- 10	SW	2	0	*	28	14	-		
Hernösand	30.14	32	Z	0	0	30.38	+ 4.3	17	16	- 16	Z	0	b	*	34	?	0.04		
Stockholm	30.20	32	N	2	0	30.32	+ 2.6	31	30	- 3	NE	2	b	*	37	30	-		
Wisby	30.07	34	Z	0	0	30.15	+ 1.1	34	32	+ 1	E	2	0	*	36	32	-		
Bodö	29.98	29	SW	8	0	30.24	+ 3.1	29	28	0	NW	2	60	1	30	28	-		
Christiansund	30.14	32	E	1	b	30.28	+ 3.5	31	31	- 6	ESE	3	b	2	?	21	-		
†Skudesnaes	30.08	36	E NE	2	b	30.19	+ 3.0	37	33	- 5	E NE	2	0	2	41	36	-		
Oxö (Xiansund)	30.04	36	NE	6	0	30.14	+ 2.2	38	35	- 1	NE	8	0	4	39	34	0.39		
Skagen (The Skaw)	30.09	37	SE	6	0	30.14	+ 1.9	37	35	- 2	E NE	7	0	8	39	34	-		
Fanö	29.86	37	E	6	0	29.97	+ 1.6	34	34	- 1	SE	2	N	*	37	34	0.16		
Cuxhaven	29.77	?	SE	5	0	29.84	+ 0.9	34	34	- 1	SSW	1	f	*	34	32	-		
†Sumburgh Head	29.98	38	E NE	1	b c	30.18	+ 3.8	40	37	0	SSW	1	b c	2	42	36	0.05		
†Stornoway	29.99	32	Z	0	b	30.13	+ 2.3	36	35	+ 2	E	3	b	2	39	27	-		
Wick	29.98	35	N	1	c	30.19	+ 3.3	35	34	- 4	NW	1	0	3	42	33	0.05		
Nairn	29.97	34	Z	0	A	30.17	+ 3.3	34	33	+ 1	Z	0	0	1	34	33	0.24		
†Aberdeen	29.91	42	E NE	4	b c	30.12	+ 3.3	43	39	+ 7	E NE	5	0	6	43	36	0.10		
Leith	29.78	39	E	2	b c	30.08	+ 3.0	42	40	+ 8	E	1	NH	*	47	33	0.30		
†Shields	29.74	42	E NE	4	N	29.97	+ 3.2	40	39	- 1	E NE	5	0	5	43	39	0.20		
Spurn Head	29.64	39	E NE	3	0	29.75	+ 1.7	41	39	+ 5	E NE	5	0	5	41	35	0.39		
York	29.69	37	NW	1	b c	29.89	+ 3.2	38	37	+ 2	N	1	N	*	39	35	0.20		
Nottingham	29.73	38	WNW	2	c	29.89	+ 2.0	38	38	+ 8	WNW	3	0	*	39	29	0.06		
†Ardrossan	29.90	38	NE	1	b	30.10	+ 2.9	37	37	+ 6	N	1	b f	1	38	29	-		
†Mullaghmore	29.95	30	Z	0	b	30.12	+ 2.9	30	30	+ 1	Z	0	b	*	36	27	-		
Donaghadee	29.81	43	N	4	0	30.08	+ 2.6	42	41	+ 9	N	4	b c	2	44	32	-		
Parsonstown	30.01	23	N	1	f	30.16	+ 3.0	20	19	- 3	Z	0	b	*	32	19	-		
Barrow-in-Furness	29.78	38	N	2	b	29.98	+ 2.8	38	37	+ 3	N	2	b	2	41	34	-		
†Holyhead	29.83	44	WNW	5	c	30.00	+ 2.3	44	41	+ 2	E NE	5	b c	4	44	41	-		
Liverpool (Bidston)	29.78	41	WNW	4	b	29.96	+ 2.4	39	38	0	N	3	b c	2	41	37	-		
†Valencia	29.95	36	Z	0	b c	30.04	+ 2.7	31	30	- 8	Z	0	b	1	44	29	-		
Roche's Point	29.99	35	E NE	3	b c	30.09	+ 2.8	32	31	+ 3	NW	3	b	4	40	29	-		
Pembroke	29.86	41	NE	2	b	29.97	+ 2.0	42	41	+ 7	N	3	ep	2	43	35	0.06		
†Scilly																			
Prawle Point	29.86	36	WNW	2	b	29.96	+ 1.8	36	36	+ 4	WNW	3	c	2	47	31	-		
Hurst Castle	29.75	39	N	3	c	29.88	+ 1.5	37	36	+ 6	WNW	1	0	2	41	30	-		
†Dover	29.73	36	WNW	2	cm	29.82	+ 1.7	37	36	+ 2	N	2	cm	0	39	34	-		
†London	29.71	37	WNW	2	0	29.83	+ 1.4	37	37	+ 6	NW	2	cm	*	38	30	0.06		
Oxford	29.75	38	W	2	0	29.86	+ 1.5	37	36	+ 8	WNW	3	0	*	38	28	0.03		
Cambridge	29.72	34	W	1	A	29.80	+ 1.3	38	37	+ 8	NW	1	0	*	38	28	0.05		
†Yarmouth	29.66	35	WNW	1	me	29.76	+ 1.2	35	35	+ 2	WSW	1	b c m	3	36	32	-		
The Helder	29.69	36	SSE	1	N	29.83	+ 1.8	34	34	0	SSE	1	c	1	37	34	0.12		
Cape Gris Nez	29.78	39	W	3	0	29.82	+ 1.7	39	37	0	WNW	1	m	1	41	37	0.83		
†Jersey	29.85	41	NW	2	b c	29.93	+ 1.9	43	40	+ 2	WNW	3	ep b	3	44	39	0.01		
Brest	29.91	38	ESE	1	b	30.02	+ 2.3	43	41	+ 5	N	4	b c	3	46	36	-		
Lorient	29.83	41	NE	3	b	30.01	+ 3.2	39	36	- 2	WNW	3	c	2	45	36	-		
†Rocheport	29.83	42	S	3	b c	30.03	+ 2.8	35	35	- 2	E NE	1	m	2	48	28	-		
Biarritz	29.81	45	ESE	3	b	30.00	+ 1.9	33	?	- 9	E	7	b f	3	48	30	?		
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	29.87	+ 2.2	35	34	- 3	S	4	b	*	40	33	-		
Charleville	29.74	38	SSW	1	m	29.89	+ 2.3	34	32	- 2	S	1	0	*	41	?	-		
Paris	29.76	39	S	3	b	29.93	+ 2.4	35	34	- 4	Z	0	b c	*	*	*	-		
Lyons	29.84	33	WSW	1	0	29.96	+ 2.0	33	32	0	NW	1	0	*	36	30	0.20		
Toulon	29.65	41	NW	7	A	29.74	+ 2.0	35	35	- 12	NW	8	b	7	46	36	1.18		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.49	35	NE	3	0	28.62	+ 1.8	35	34	+ 5	NNE	3	N	*	35	30	0.19		

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

	Bar.	Dry.	Wet.	Wind.	Wsa.	Sea.		Bar.	Dry.	Wet.	Wind.	Wsa.	Sea.		
Skudesnaes ...	29.99	39	37	E NE	2	c	3	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ...							
Aberdeen ...								London					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rocheport ...	29.80	48	43	SSE	3	b	2
Holyhead ...															

## 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 our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

FOR

TUESDAY 13<sup>TH</sup> DECEMBER.

1881.

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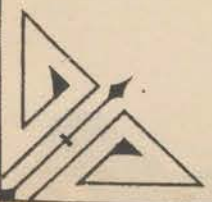
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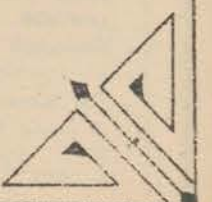
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ROBERT H. SCOTT  
(SECRETARY)



*Printed by J. Angerfeldt, Lith. 22, Ballfod, 80, in London.*



# WEATHER CHARTS

for 8 a.m. on TUESDAY, 13<sup>TH</sup> DECEMBER, 1882

## BAROMETER, WIND & SEA

### Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 forces thus—

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

○ = dead calm.

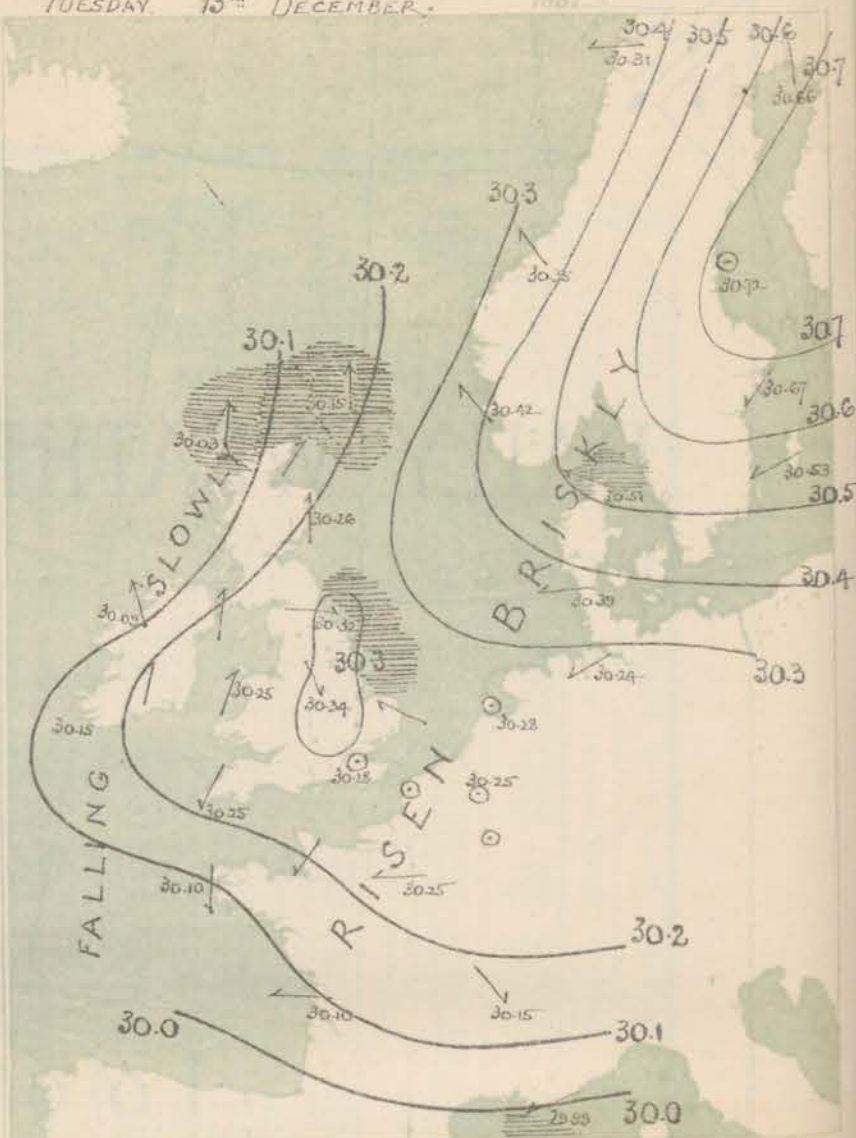
Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of December

Stations.	Mean Readings
	In.
Nairn	29.728
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardnamann	29.854
Greenacres	29.700
Holyhead	29.837
Valentia	29.866
Rocke's Pt.	29.837
Plymouth	29.832
LONDON	29.910
Yarmouth	29.881

\* These means are for the 10 years 1868-78. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

### Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

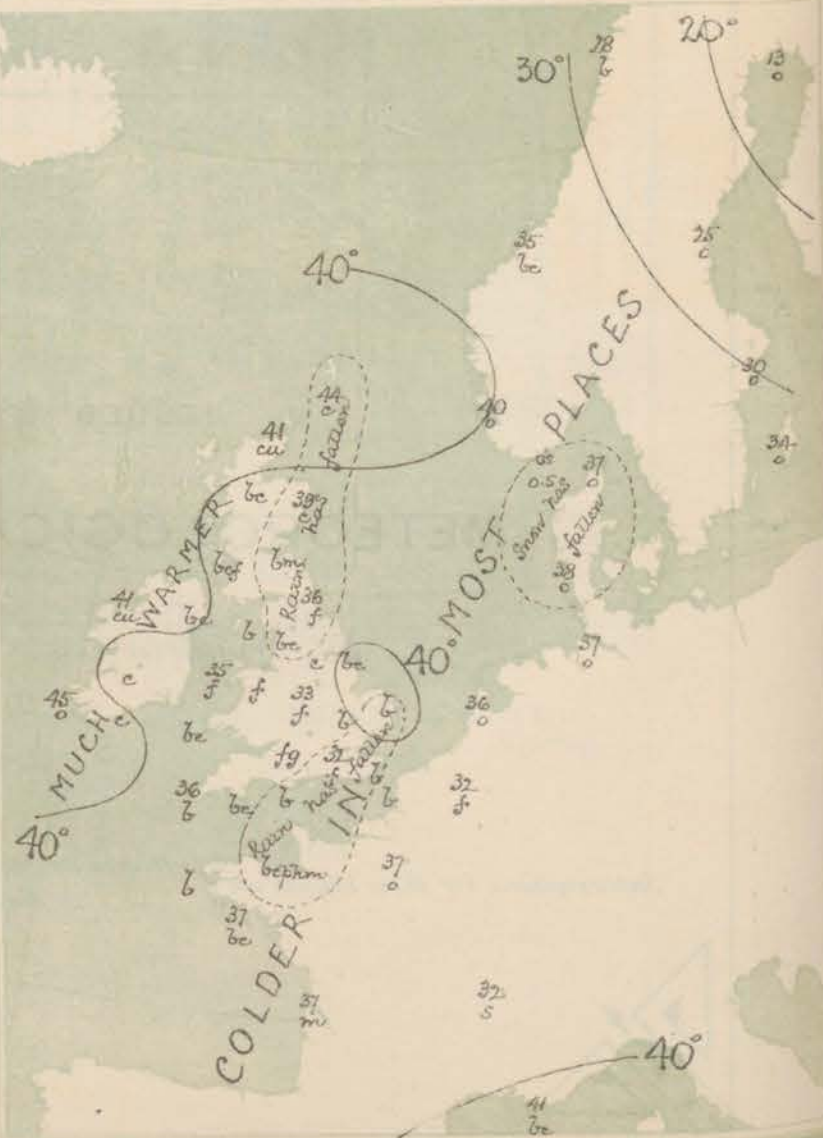
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* of TEMPERATURE AND RAINFALL

for the month of December

Stations	Temp	Rain-fall
Scrimburgh Head	41.2	3.32
Scrimburgh	41.8	6.09
Aberdeen	39.5	2.96
Shields	38.7	2.79
York	39.8	1.87
Mullaghmore	42.0	7
Holyhead	43.4	1.07
Parsonstown	42.6	3.08
Valentia	43.6	6.22
Sally (St. Mary's)	46.7	1.02
Birch Castle	43.2	7
Deer	40.0	3.54
LONDON	41.0	1.19
Wormouth	40.3	3.42

\* The mean Temperatures are those for the 10 years 1867-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Tuesday 13<sup>th</sup> DEC<sup>r</sup> 1881 at 8 a.m.

During the past night a considerable increase of pressure has occurred over Scandinavia, North Germany, England, and France, while a decrease has taken place on our extreme W. and N. coasts. The small depression which has been reported over the southern portion of the North Sea has entirely filled up, and a small anti-cyclone, subsidiary to a large area of high pressure over Scandinavia, has been formed over the East of England. At the same time relatively low readings are reported from the south of France and the N.W. of Scotland. In consequence while variable airs are reported from Central and eastern England, moderate E<sup>r</sup> winds are blowing over the southern part of Scandinavia, Denmark, France and the south of England, S winds in Ireland and Scotland and SE<sup>r</sup> winds in Norway. In the Hebrides and Shetlands they are rather fresh, but elsewhere they are light or moderate. The weather is cloudy or dull in the W. and N. as well as in the countries to the eastward of the North Sea, but elsewhere the sky is clear or moderately so, though a good deal of fog prevails over England. A little rain has fallen in the SE. and E., and heavy hail at Derby. Temperature has risen fast in Ireland, fallen in most other places, and ranges from 45° at Valencia to 32° at Aith and Lyons. Slight frost occurred in many places last night. Sea is rough in the N. and NE., moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

14<sup>th</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	S <sup>ly</sup> winds, moderate and fresh; cloudy and milder, fair to rain.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND N.E.	Light variable breezes; cold, foggy.
4 ENGLAND EAST	Light E <sup>ly</sup> or variable breezes; cold, fair.
5 MIDLAND COUNTIES	Same as N° 5.
6 ENGLAND SOUTH	E <sup>ly</sup> breezes and calms; cold, foggy, sharp frost at night.

### DISTRICTS

### FORECASTS

7 SCOTLAND WEST	SE <sup>ly</sup> winds, light; cloudy and fair then rain.
8 ENGLAND N.W.	S <sup>ly</sup> breezes, light to moderate; foggy and cold, then fair and milder.
9 ENGLAND S.W.	E <sup>ly</sup> and SE <sup>ly</sup> breezes, light; fair, becoming milder.
10 IRELAND NORTH	S <sup>ly</sup> breezes, moderate to strong; cloudy, milder, some rain.
11 IRELAND SOUTH	-----D°-----D°-----D°-----
WARRINICE	None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

13<sup>th</sup> DEC.

1881.

YESTERDAY EVENING.																	8 A.M. TO DAY.																	FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 5).	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	30.59	3	Z	0	6	30.66	+52	13	12	-4	8	2	0	*	18	3	-																			
Hernösand	30.52	22	Z	0	0	30.72	+34	25	25	+8	Z	0	0	*	32	14	-																			
Stockholm	30.53	28	E.N.E.	2	0	30.67	+35	30	28	-1	E.N.E.	2	0	*	32	27	-																			
Wisby	30.38	35	E	6	0	30.53	+38	34	32	0	E	4	0	*	39	32	-																			
Bodö	30.44	24	E.N.E.	2	6c	30.31	+07	28	25	-1	E	2	6	*	?	21	-																			
Christiansund	30.50	34	E.S.E.	2	8	30.35	+07	35	33	+4	S.E.	3	6c	2	36	19	-																			
†Skudesnaes	30.35	39	E	2	0	30.42	+23	40	36	+3	S.E.	4	0	4	?	36	-																			
Oxö (Xiansund)	30.32	36	N.E.	8	0	30.50	+36	34	33	-4	N.E.	6	80	4	?	32	0.47																			
Skagen (The Skaw)	30.36	37	E.N.E.	5	0	30.51	+57	37	35	0	E.S.E.	5	0	5	39	34	0.04																			
Fanö	30.21	38	E.S.E.	2	2	30.39	+42	38	37	+4	E	2	0	*	39	34	0.20																			
Cuxhaven	30.05	?	N	1	8	30.24	+40	37	37	+3	E.N.E.	3	0	*	?	32	-																			
†Sumburgh Head	30.20	42	S.E.	2	6	30.15	-03	44	41	+4	S	5	0	5	45	240	0.02																			
†Stornoway	30.14	42	S.S.E.	4	6	30.03	-10	40	40	+5	S	6	0	5	43	35	-																			
Wick	30.20	41	S.S.E.	4	0	30.16	-03	41	39	+6	S.W.	4	6c	3	42	33	-																			
Nairn	30.21	32	Z	0	0	30.17	-00	35	33	+1	Z	0	6c	1	35	28	-																			
†Aberdeen	30.17	42	E.N.E.	5	6	30.26	+14	39	37	-4	S	3	0	4	44	33	0.16																			
Leith	30.14	41	E	2	6c	30.27	+19	32	32	-10	S	1	6m	*	43	30	0.05																			
†Shields	30.05	42	E.N.E.	3	0	30.32	+35	36	35	-4	W	1	5	5	42	34	0.04																			
Spurn Head	29.96	42	E.N.E.	4	6c	30.28	+53	41	40	0	S.E.	1	6c	5	44	39	0.05																			
York	30.01	39	N.W.	4	0	30.32	+43	37	36	-1	W.S.W.	1	6	*	41	33	0.09																			
Nottingham	30.01	38	N.W.	3	0	30.34	+45	33	32	-5	N.W.	1	6	*	41	29	0.04																			
†Ardrossan	30.17	39	N.E.	1	0f	30.25	+15	32	32	-5	E	2	6c	1	41	31	-																			
†Mullaghmore	30.15	33	Z	0	6	30.09	-03	41	38	+11	S.S.E.	5	0	4	41	30	-																			
Donaghadee	30.16	43	N.E.	3	6	30.21	+13	43	42	+1	S	4	6c	2	44	32	-																			
Parsonstown	30.20	28	Z	0	6c	30.21	+05	30	29	+10	S	1	0	*	31	18	-																			
Barrow-in-Furness	30.06	38	N.N.E.	2	6	30.22	+24	35	34	-3	E	2	6	2	43	33	-																			
†Holyhead	30.08	45	N.N.E.	5	6	30.25	+25	35	34	-9	S	2	6	1	45	35	-																			
Liverpool (Bidston)	30.05	39	N	2	6	30.28	+32	32	32	-7	S.E.	1	6	1	41	32	-																			
†Valencia	30.16	36	E	1	6	30.15	+11	45	42	+14	S.S.W.	4	0	4	46	29	-																			
Roche's Point	30.14	35	N	3	6	30.20	+11	42	40	+10	S.S.E.	4	0	4	42	30	-																			
Pembroke	30.06	41	N.E.	2	6	30.24	+27	38	36	-4	E.N.E.	2	6c	1	46	37	-																			
†Scilly																																				
Prawle Point	30.05	39	S.W.	2	6c	30.21	+25	39	37	+3	E.N.E.	4	6c	3	49	34	-																			
Hurst Castle	29.96	41	N	3	6	30.23	+35	40	38	+3	E.S.E.	4	6	2	42	35	0.05																			
†Dover	29.94	37	Z	0	6	30.27	+45	40	38	+3	E.S.E.	2	6	1	42	35	0.06																			
†London	29.94	37	N.W.	2	0	30.28	+45	32	31	-5	Z	0	6	*	39	31	0.14																			
Oxford	30.00	38	N.W.	2	0	30.30	+44	33	33	-4	Z	0	6	*	39	33	-																			
Cambridge	29.97	37	N	1	0	30.30	+50	33	32	-5	N	1	6	*	39	30	0.05																			
†Yarmouth	29.96	40	E.S.E.	2	6c	30.29	+53	41	38	+6	E.S.E.	3	6	3	42	34	0.01																			
The Helder	30.12	36	S.E.	1	6	30.28	+45	36	36	+2	E.N.E.	1	0	1	37	34	-																			
Cape Gris Nez	29.94	39	S.E.	1	0	30.24	+42	31	31	-8	S.E.	1	6	0	43	30	-																			
†Jersey	30.02	40	N.N.E.	2	6c	30.19	+26	39	39	-4	N.E.	2	6c	2	45	36	0.42																			
Brest	30.07	44	N	4	6	30.10	+08	39	37	-4	N	3	6	2	46	37	-																			
Lorient	30.05	43	N.W.	5	6	30.10	+09	37	35	-2	N.E.	4	6c	2	46	34	-																			
†Roche fort	30.05	41	S	4	6c	30.10	+07	37	36	+2	E	4	6	2	45	30	-																			
Biarritz																																				
Corunna																																				
Brussels						30.25	+38	32	31	-3	Z	0	6	*	39	28	-																			
Charleville	30.00	36	S.E.	1	6	30.17	+28	32	29	-2	N.E.	1	6	*	37	27	-																			
Paris	30.01	38	Z	0	0	30.25	+32	37	35	+2	E	3	0	*	*	*	-																			
Lyons	30.05	34	N.W.	3	6	30.15	+19	32	32	-1	N.W.	3	6	*	36	32	-																			
Toulon	29.84	37	N.W.	8	6c	29.99	+25	41	39	+6	E.N.E.	4	6c	5	45	?	-																			
HIGH LEVEL STATION.																	Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.79	35	N.E.	3	0	29.03	+41	33	33	-2	S.E.	2	6c	*	35	30	0.11																			

## HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.79	35	N.E.	3	0	29.03	+41	33	33	-2	S.E.	2	6c	35	30	0.11
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.20	36	33	E.N.E.	2	0	2	Valencia ...	30.15	45	40	E.N.E.	2	6m	3
Sumburgh Head	30.21	43	39	E.S.E.	3	6	3	Scilly ...							
Stornoway ...	30.12	43	41	S.E.	3	6	3	Dover ..	29.87	39	38	W	1	emp	0
Aberdeen ...	30.16	43	39	N.E.	4	6	6	London ...	29.87	39	38	N.W.	2	rgf	*
Shields ...	30.00	40	38	E.N.E.	5	6	6	Yarmouth ...	29.85	39	38	Z	0	6m	3
Ardrossan ...	30.12	41	40	N.E.	1	6	1	Jersey ...	29.96	44	42	N	2	e	2
Mullaghmore ...	30.05	39	38	N.N.E.	1	6	3	Roche fort ...	30.04	37	36	S	4	m	2
Holyhead ...	30.04	41	41	N.N.E.	5	6	4								

Because still increases everywhere and the depression in the S.E. seems to be filling up. Dull, wet weather, however, still prevails in the E. while light N.E. breeze and fine weather are reported in the extreme N. and W.

## EXPLANATION OF COLUMNS.

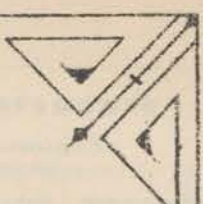
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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





# DAILY WEATHER REPORT

FOR

WEDNESDAY, 14<sup>TH</sup> DEC<sup>R</sup><sub>25</sub>

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

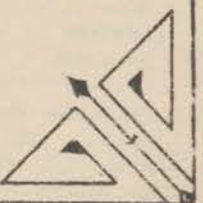
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ROBERT H. SCOTT  
(SECRETARY.)



*Printed by D. J. D. at the Victoria St. Press.*



# WEATHER CHARTS

for 8 a.m. on Wednesday 14<sup>th</sup> DEC<sup>r</sup>

## BAROMETER, WIND & SEA

### Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent wind. 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.

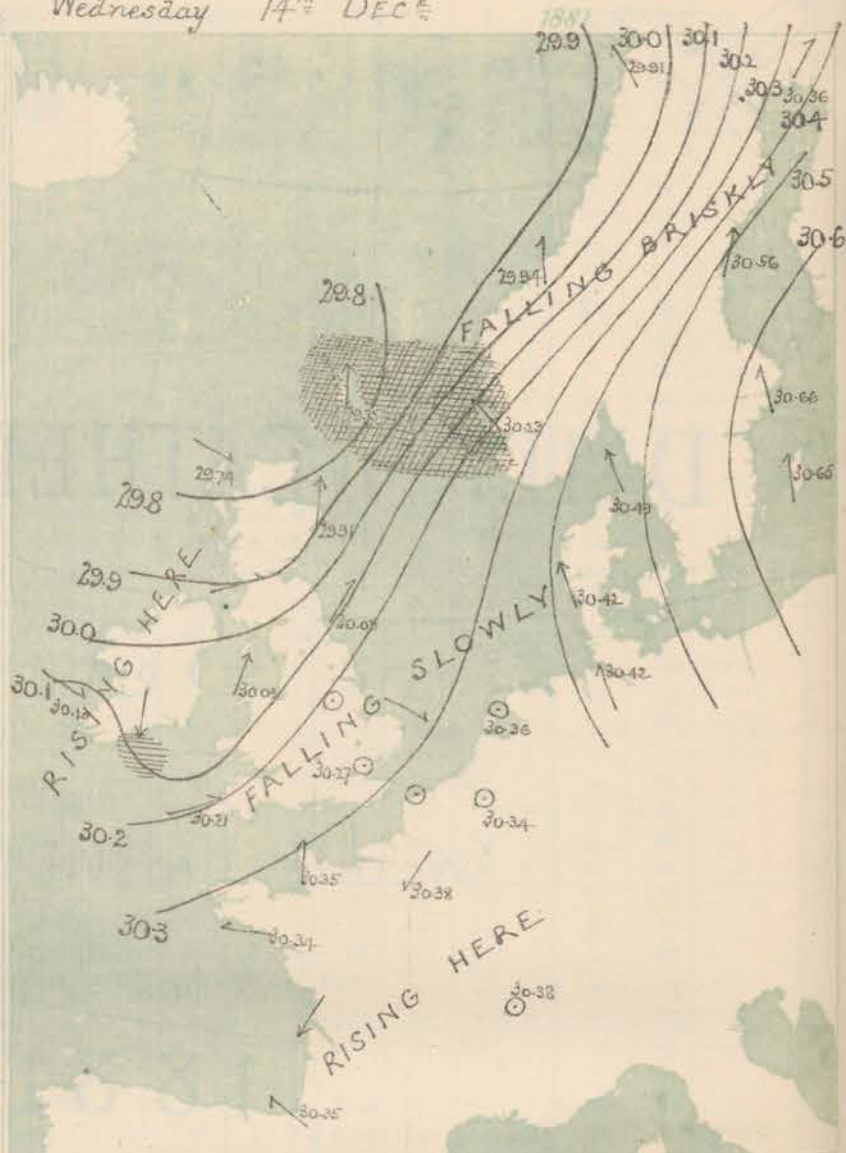
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

## MEAN<sup>s</sup> HEIGHT of the BAROMETER

for the month of December

Stations.	Mean Readings.
Nairn	29.754
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenock	29.791
Holyhead	29.837
Valencia	29.866
Roche's Pt.	29.857
Plymouth	29.852
LONDON	29.916
Yarmouth	29.883

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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<sup>s</sup> OF TEMPERATURE AND RAINFALL

for the month of December

Stations.	Temp.	Rain-fall
Sanbury Head	41.2	0.82
Sourabaya	41.5	0.09
Aberdeen	39.5	0.96
Shields	39.7	2.79
Yok	39.8	2.67
Mallaighmore	43.0	1
Holyhead	43.4	4.07
Parslowtown	42.8	3.69
Valencia	40.8	4.23
Sally (St Mary's)	40.7	4.02
Hurst Castle	43.2	1
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.3	3.82

\* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Wednesday 14<sup>th</sup> DEC<sup>r</sup> 1891 at 8 a.m.

The barometer is falling this morning in nearly all places and several depressions have advanced over these islands from the Atlantic. They are, however, of less importance than was anticipated, and a recovery has already commenced at Valencia, while over France the mercury still rises steadily. The highest readings are still reported from the Baltic. The wind is SE<sup>ly</sup> and S<sup>ly</sup> in most places, but in Ireland and parts of Scotland it has veered to W. or NW., while in France NE<sup>ly</sup> breezes are reported. On our extreme NE<sup>r</sup> coasts, as well as in the N. of Norway the wind is strong to a gale in force, but on most other coasts it is moderate to fresh. A fresh to strong gale was felt in the N. and NW. last evening. Fog still prevails at some eastern and central stations, but on the whole the weather is fine over the greater part of England, while in the W. and N. rain and overcast skies are reported. Temperature has fallen a little over the inland and E<sup>r</sup> districts of England, but has risen generally, and ranges from 47° at Pembroke to 26° at Nottingham. Frost was experienced in the east last night.

The sea is rough at Cumburgh Head and Roches Point, as well as off the south of Norway and at Vrest.

MAP SHOWING DISTRICTS

# FORECASTS

for the 24 hours ending at Noon  
on the  
15<sup>th</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)



## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH	S <sup>ly</sup> and W <sup>ly</sup> winds, rather strong; unsettled, some rain.
2 SCOTLAND EAST	S <sup>ly</sup> and SW <sup>ly</sup> winds, moderate and fresh; unsettled, dull, rain.
3 ENGLAND N.E.	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as N° 5
5 MIDLAND COUNTIES	Same as N° 5.
6 ENGLAND SOUTH	Wind becoming S <sup>ly</sup> and SE <sup>ly</sup> , light or moderate; fair till evening, then rain and milder weather, subsequently clearing again.

## DISTRICTS

## FORECASTS

7 SCOTLAND WEST	W <sup>ly</sup> and SW <sup>ly</sup> winds, moderate to fresh; showery.
8 ENGLAND N.W.	S <sup>ly</sup> and W <sup>ly</sup> winds, moderate and fresh; showery, unsettled.
9 ENGLAND S.W.	W <sup>ly</sup> and NNW <sup>ly</sup> winds, moderate and fresh; rain and hail showers.
10 IRELAND NORTH	W <sup>ly</sup> backing to S <sup>ly</sup> winds, moderate but increasing; unsettled, showers of rain and perhaps hail.
11 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The S. cone was hoisted in districts N°s 0. 1. 2. 6. 7. 9. and 10. yesterday, but has been lowered again this morning.



# METEOROLOGICAL OBSERVATIONS FOR

14<sup>TH</sup> Dec.

1881.

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 8).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force (0 to 13).		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 13).			Max.	Min.				
Haparanda	30.59	28	SW	4	0	30.36	- 20	30	28	+ 14	SW	4	0	0	0	32	18	-		
Hernösand	30.65	22	SW	4	0	30.56	- 16	31	29	+ 6	SSW	6	0	0	0	32	18	-		
Stockholm	30.71	30	E	2	0	30.66	- 01	33	32	+ 5	S	2	0	0	0	37	27	-		
Wisby	30.64	33	E	4	0	30.65	+ 12	32	32	- 2	S	2	0	0	0	36	32	-		
Bodö	30.19	31	ENE	2	bc	29.91	- 42	36	33	+ 3	SE	4	0	3	36	27	-			
Christiansund	?	41	E	2	C	29.94	- 41	36	34	+ 1	S	1	0	4	41	25	-			
†Skudesnaes	30.57	40	SE	8	0	30.23	- 19	41	40	+ 1	SE	8	0	6	41	39	-			
Oxö (Klansund)	30.51	38	ESE	6	0	30.42	- 08	38	37	+ 4	SSE	4	0	3	?	?	0.04			
Skagen (The Skaw)	30.56	38	SE	5	0	30.49	- 07	38	36	+ 1	SSE	6	0	6	?	36	-			
Fanö	30.47	37	S	6	0	30.42	+ 03	33	33	- 5	SSE	6	0	*	39	32	0.04			
Cuxhaven	30.41	?	E	2	0	30.41	+ 18	32	31	- 5	SSE	3	0	*	37	28	-			
†Sumburgh Head	29.96	44	S	8	0	29.75	- 40	42	42	- 2	S	7	0	7	45	41	0.50			
†Stornoway	29.77	43	SSW	10	0	29.74	- 29	41	41	+ 1	WNW	4	0	4	45	35	0.44			
Wick	29.97	42	SE	5	0	29.79	- 37	42	41	+ 1	W	3	0	4	42	41	0.50			
Nairn	29.93	41	W	6	0	29.81	- 36	41	40	+ 6	W	1	0	1	44	34	0.01			
†Aberdeen	30.13	38	S	5	0	29.91	- 35	40	39	+ 1	S	7	0	4	43	37	0.06			
Leith	30.21	39	SW	1	C	29.92	- 35	43	40	+ 11	W	5	0	*	43	29	0.05			
†Shields	30.27	38	SSW	2	C	30.09	- 23	34	33	- 2	SW	4	0	3	40	35	-			
Spurn Head	30.34	39	WSW	1	6	30.21	- 07	35	34	- 6	S	4	0	4	43	32	-			
York	30.33	34	S	1	6	30.18	- 14	30	30	- 7	S	1	0	*	39	28	-			
Nottingham	30.38	29	Z	0	f	30.24	- 10	26	26	- 7	WNW	1	0	*	33	25	-			
†Ardrossan	30.15	44	S	4	0	29.89	+ 36	44	44	+ 12	WSW	3	0	3	46	31	0.66			
†Mullaghmore																				
Donaghadee	30.15	43	SSW	4	C	29.94	- 27	43	43	0	SW	2	0	0	45	42	0.49			
Parsonstown	30.11	40	SSE	5	0	30.05	- 16	42	41	- 12	W	3	0	*	45	39	0.26			
Barrow-in-Furness	30.27	35	SE	4	6	30.07	- 15	36	35	+ 1	SE	4	0	2	43	33	0.08			
†Holyhead	30.25	42	S	4	0	30.02	- 23	46	45	+ 11	SSW	5	0	1	46	35	0.21			
Liverpool (Bidston)	30.29	33	ESE	3	C	30.10	- 18	34	33	+ 2	SE	4	0	3	38	30	-			
†Valencia	30.08	49	SE	1	0	30.13	- 02	44	41	- 1	WNW	3	0	4	53	43	0.61			
Roche's Point	30.10	46	SSW	6	0	30.09	- 11	44	44	+ 2	WNW	5	0	5	49	42	0.36			
Pembroke	30.26	44	SSE	3	bc	30.08	- 16	47	46	+ 9	SSW	4	0	2	48	38	0.03			
†Scilly																				
Prawle Point	30.23	44	ESE	4	bc	30.25	+ 04	43	41	+ 4	S	4	0	3	45	38	-			
Hurst Castle	30.35	39	ESE	2	bc	30.27	+ 04	42	40	+ 2	SEW	2	0	2	42	35	-			
†Dover	30.34	41	NE	3	bc	30.30	+ 03	43	41	+ 3	SSW	3	0	1	44	39	0.04			
†London	30.35	30	Z	0	f	30.27	- 01	33	33	+ 1	Z	0	0	*	41	28	0.01			
Oxford	30.37	29	NE	1	f	30.26	- 05	31	31	- 2	SE	0	0	*	33	24	-			
Cambridge	30.36	34	NE	1	6	30.26	- 04	32	32	- 1	NE	1	0	*	40	26	-			
†Yarmouth	30.35	41	Z	0	bc	30.28	- 01	38	37	- 3	WNW	2	0	3	43	36	0.01			
The Helder	30.39	34	E	1	f	30.36	+ 08	35	34	- 1	SSE	1	0	1	37	34	-			
Cape Gris Nez	30.18	36	SE	1	C	30.29	+ 03	36	36	+ 5	SSE	1	0	0	41	?	-			
†Jersey	30.36	38	E	1	6	30.35	+ 16	39	36	- 1	S	2	0	2	41	36	-			
Brest	30.26	43	SSE	3	C	30.23	+ 18	44	41	+ 5	S	5	0	3	46	36	-			
Lorient	30.29	38	E	4	0	30.34	+ 24	36	34	- 1	E	1	0	2	45	34	-			
†Rochefort	30.26	38	ENE	4	0	30.32	+ 22	34	33	- 3	NE	5	0	2	43	30	-			
Biarritz	30.19	38	E	4	0	30.35	+ 23	30	28	- 7	ESE	3	0	3	45	27	0.16			
Corunna	*	*	*	*	*			*	*		*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.34	+ 09	35	35	+ 3	E	1	0	*	36	?	-			
Charleville	30.27	35	SSE	4	0	30.33	+ 16	35	33	+ 3	SE	1	0	*	37	30	-			
Paris	30.32	38	ENE	3	6	30.38	+ 13	36	35	- 1	NE	3	0	*	*	*	-			
Lyons	30.29	33	N	1	0	30.38	+ 23	33	32	+ 1	WNW	1	0	*	35	?	-			
Toulon																				
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	29.02	32	SW	1	bc	28.80	- 23	33	32	0	SSW	2	0	*	34	29	-			

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.02	32	SW	1	bc	28.80	-23	33	32	0	SSW	2	0	0	0	34	29	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudeanaes ...	30.41	46	36	SE	4	0	3	Valencia ...	30.12	47	46	SE	6	0 gm 6
Sumburgh Head	30.08	44	40	S	5	C	6	Scilly ...						
Stornoway ...	29.88	45	43	SE	9	0	7	Dover ..	30.31	43	40	ESE	3	bc 3
Aberdeen ...	30.18	42	39	S	4	C	4	London ...	30.33	41	39	Z	0	f *
Shields ...	30.29	40	38	SSW	2	C	4	Yarmouth ...	30.31	43	40	ENE	2	6 3
Ardrossan ...	30.13	43	43	S	4	0	3	Jersey ...	30.30	40	38	SE	2	0 2
Mullaghmore ...	29.99	44	39	SSW	8	0 gm	6	Rochefort ...	30.19	37	37	SSE	3	0 2
Holyhead ..	30.26	41	39	S	4	0 g	3							

Pressure is decreasing except in the SE. - at Stornoway the change is rather brisk; a S<sup>ly</sup> gale has sprung up and a depression is approaching. The weather is fine on our SE coast; foggy in London, cloudy or dull elsewhere with rain at Valencia.

## 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. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility; unusual transparency; w. dew.

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

† The evening observations are taken at 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

† These Stations send Reports at 3 p.m. daily (Eundays excepted).





# DAILY WEATHER REPORT

FOR

THURSDAY, 15<sup>TH</sup> DECEMBER.

1881.

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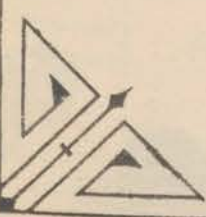
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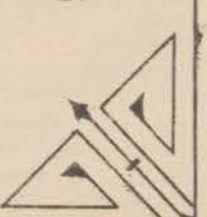
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ROBERT H. SCOTT

(SECRETARY.)



*Printed by Dangerfield, Lith. 22, Patford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on Thursday 15<sup>th</sup> DECEMBER.

## BAROMETER, WIND & SEA

### Explanation of Map

Barometer isobars are drawn for each tenth of an inch. Changes in height of barometer 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 6 to 7, — force 1 to 5.  
 ☉ - dead calm.

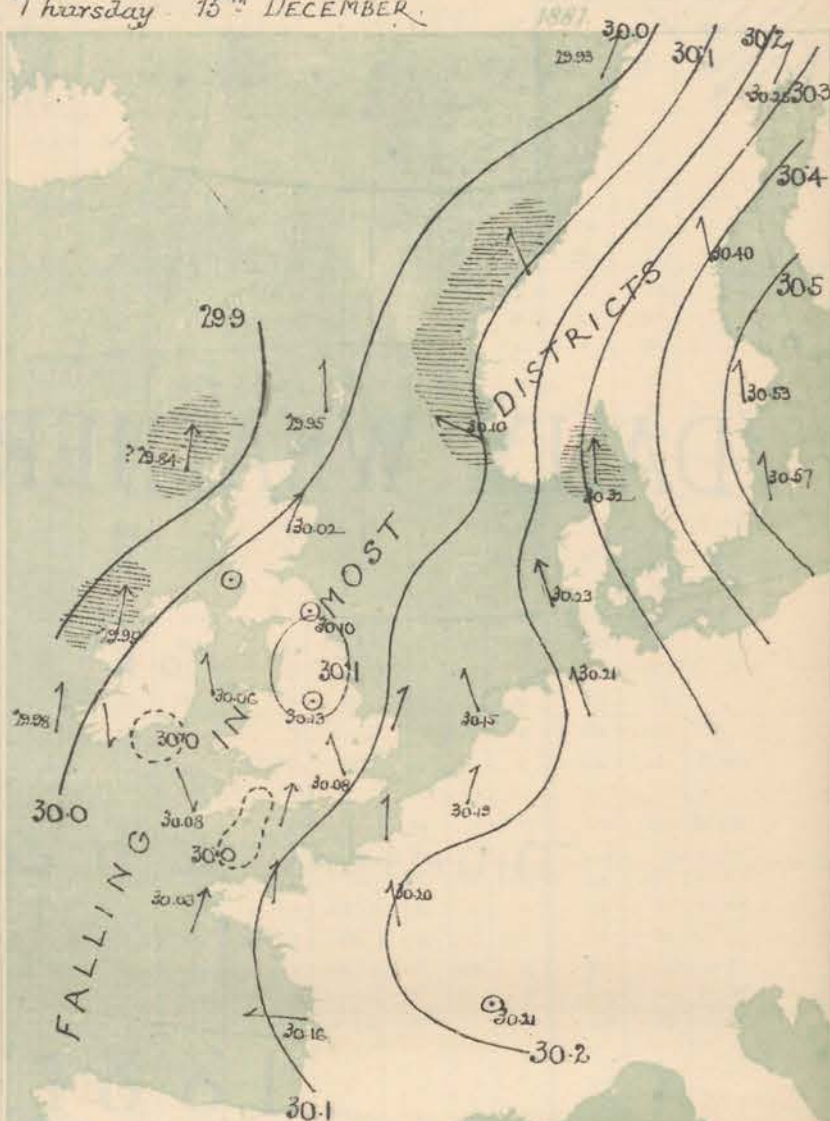
Sea Disturbance, where considerable, is shown by shading round the coast: thus - Rough, - High.

## MEAN<sup>\*</sup> HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings ins
Nairn	29.724
Aberdeen	29.740
Leith	29.762
Scarborough	29.837
Ardrossan	29.869
Greenock	29.791
Holyhead	29.851
Valentia	29.866
Sechart's Pt.	29.837
Plymouth	29.832
LONDON	29.816
Yarmouth	29.833

\* These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

### Explanation of Map

Temperature Isotherms are drawn for each 1°. Changes in temperature since previous morning are stated in words. Weather: Letters of the Beaufort Scale show state of Weather at 8 a.m. 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.

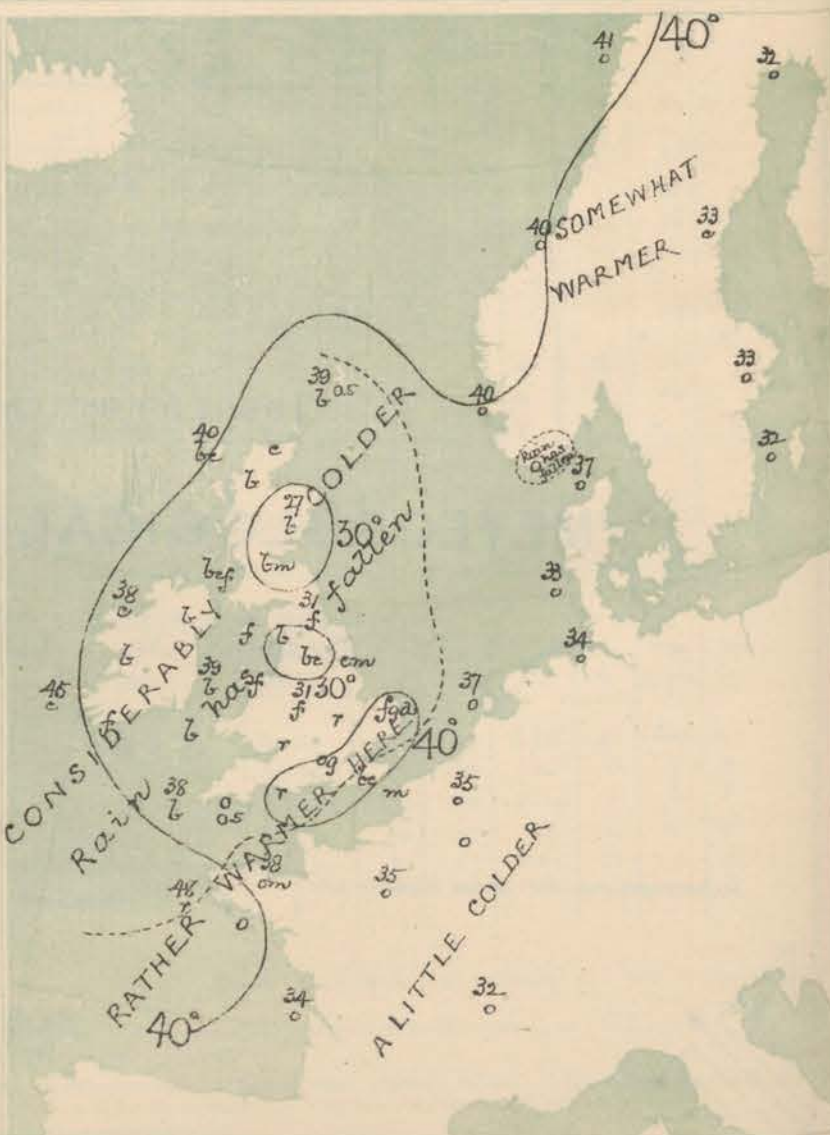
## MEANS<sup>\*</sup> OF TEMPERATURE

AND RAINFALL

for the month of December

Stations	Temp.	Rain-fall ins
Sandwich Head	41.2	7.32
Scornwiche	41.5	8.00
Aberdeen	39.5	2.96
Shields	39.7	2.79
Wick	39.9	2.67
Mullaghnore	42.6	7
Holyhead	42.4	4.07
Parsenstown	42.6	3.66
Valentia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	42.2	7
Dover	41.0	3.54
LONDON	41.0	2.13
Weymouth	40.3	3.42

\* The mean Temperatures are those for the 13 years 1867-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Thursday 15<sup>th</sup> DEC<sup>r</sup> 1851 at 8 a.m.

The barometer this morning is falling in nearly all parts of Western Europe, and the general distribution of pressure is complicated and irregular. The mercury is highest over the Baltic, but in addition to this area of high reading there is a small anticyclone over the north of England, while besides the main depression off our western coasts, there are small subsidiary disturbances in different parts of these Islands. The general direction of the wind is S<sup>t</sup> on our own and the French coasts, and SE<sup>t</sup> on the eastern shores of the North Sea, but N<sup>t</sup> breezes are reported from Rock Point, Devon and Cornwall, and E<sup>t</sup> winds from the south of France. In Denmark, the S. of Norway and the Hebrides the wind is strong, but elsewhere it is moderate or light. The weather is fine and bright over Scotland, the N. of England, and E. of Ireland but is cloudy or dull elsewhere, with a good deal of fog in the N. and of drizzling rain in the SE. Rain has fallen generally, heavily at Liverpool, Gravel Point, and Sumburgh N<sup>t</sup>. Temperature has decreased except in the SE. of England and N. of France: readings range from 45° at Valencia to 26° at York. 31° at Paris and 32° at Lyons. Last night the thermometer fell to 25° at York and Nottingham. Sea is rough in the NW.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon on the

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	S <sup>t</sup> winds, rather strong; fair to dull, rain.
2 SCOTLAND EAST	S <sup>t</sup> and SW <sup>t</sup> winds, moderate to fresh; fair then dull and rain. Cold.
3 ENGLAND N.E.	----- D° ----- D° ----- D° -----
4 ENGLAND EAST	Same as N° 5
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND SOUTH	S <sup>t</sup> winds, moderate generally; dull, damp, and gloomy during greater part of day, but clearing and becoming sharp and cold towards evening.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	E <sup>t</sup> to S <sup>t</sup> breezes, moderate and fresh; dull, some rain.
7 ENGLAND N.W.	S <sup>t</sup> breezes, light; fair and cold.
8 ENGLAND S.W.	Variable to S <sup>t</sup> breezes; fair to dull and rain.
9 IRELAND NORTH	S <sup>t</sup> and SW <sup>t</sup> breezes, freshening; fair and cold then dull, milder some rain and sleet.
10 IRELAND SOUTH	----- D° ----- D° ----- D° -----
WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

15<sup>th</sup> DEC

1881.

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.		
			Dir.	Force (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.				Max.	Min.			
Haparanda	30.27	32	SW	4	0	30.25	-1.1	32	31	+2	SW	4	0	32	25	-		
Hernösand	30.40	31	S	6	0	30.40	-1.6	33	31	+2	S	4	0	32	21	-		
Stockholm	30.58	33	WSW	2	0	30.53	-1.3	33	30	0	S	2	0	34	28	-		
Wisby	30.63	33	ESE	4	0	30.57	-0.8	32	31	0	S	4	0	36	32	-		
Bodö	30.38	30	SW	4	C	29.93	+0.2	41	38	+5	SSW	4	0	43	36	-		
Christiansund	29.89	41	NW	3	C	30.05	+1.1	40	38	+4	S	1	0	43	27	-		
†Skudesnaes	30.15	37	SSE	9	A	30.10	-1.3	40	36	-1	ESE	6	0	41	37	-		
Oxö (Xiansund)	30.32	36	SE	6	0	30.24	-1.8	36	35	-2	SE	6	0	37	34	0.04		
Skagen (The Skaw)	30.38	38	SSW	6	0	30.32	-1.7	37	34	-1	S	6	0	39	34	-		
Fanö	30.31	33	S	6	0	30.23	-1.9	33	32	0	SSE	6	0	34	30	-		
Cuxhaven	30.35	42	SSE	3	0	30.21	-2.1	34	33	+2	SSE	3	0	34	28	-		
†Sumburgh Head	29.83	43	W	4	0	29.95	+1.20	39	36	-3	S	3	6	45	38	0.49		
†Stornoway	29.93	36	WNW	3	6	29.84	+1.0	40	39	-1	S	4	6	41	33	0.10		
Wick	29.96	37	NW	2	6	29.92	+1.3	36	34	-6	W	1	6	44	33	-		
Nairn	29.96	34	Z	0	6	29.97	+1.6	32	30	-9	Z	0	6	49	30	0.05		
†Aberdeen	30.00	37	Z	0	C	30.02	+1.1	27	27	-13	SW	1	6	41	26	0.09		
Leith	30.03	38	SW	1	6	30.05	+1.3	29	28	-14	SSE	1	6	43	27	0.01		
†Shields	30.06	36	SW	2	0	30.10	+0.1	31	30	-3	Z	0	6	37	29	0.11		
Spurn Head	30.10	38	SSW	4	A	30.07	-1.4	36	36	+1	NW	2	6	39	34	0.07		
York	30.10	37	S	1	0	30.11	-0.7	26	26	-4	WNW	1	6	37	25	0.15		
Nottingham	30.16	39	NW	1	0	30.13	-1.1	31	30	+5	NW	1	6	39	25	0.13		
†Ardrossan	30.08	42	W	3	C	30.03	+1.14	34	34	-10	E	1	6	46	32	0.06		
†Mullaghmore	30.10	39	SW	4	6	29.95	+0.1	38	36	-4	S	5	6	44	37	0.15		
Donaghadee	30.14	40	WSW	2	6	30.06	+1.2	32	32	-11	SW	1	6	45	28	0.06		
Parsonstown	30.20	35	S	1	C	30.05	-0.0	31	30	-11	SSE	1	6	42	29	0.04		
Barrow-in-Furness	30.03	40	S	4	A	30.09	+0.2	31	30	-5	NE	2	6	42	28	0.25		
†Holyhead	30.15	42	WNW	3	6	30.06	+0.4	39	38	-7	SSE	2	6	47	33	0.27		
Liverpool (Bidston)	30.14	41	W	3	C	30.09	-0.1	33	32	-1	SE	2	6	42	31	0.43		
†Valencia	30.21	41	S	1	6	29.98	-1.5	45	42	+1	S	4	6	48	36	0.15		
Roche's Point	30.20	40	NW	4	6	30.06	-0.3	34	34	-10	NW	3	6	47	31	0.01		
Pembroke	30.18	43	NW	2	6	30.07	-0.1	36	34	-11	?	?	6	48	36	0.36		
†Scilly																		
Prawle Point	30.15	48	SSW	4	A	30.04	-2.1	38	38	-5	N	3	6	48	37	0.51		
Hurst Castle	30.14	47	WSW	4	0	30.04	-2.3	44	44	+2	SSW	5	6	47	42	0.27		
†Dover	30.25	40	W	3	6	30.14	-1.6	42	40	-1	SW	4	6	46	39	-		
†London	30.21	40	SW	2	0	30.08	-1.9	40	40	+7	SE	2	6	45	32	0.10		
Oxford	30.18	40	SE	1	A	30.08	-1.7	38	38	+7	E	1	6	41	31	0.36		
Cambridge	30.19	37	SSW	1	0	30.09	-1.7	37	37	+5	S	1	6	39	30	0.18		
†Yarmouth	30.21	40	SSW	2	6	30.11	-1.7	40	39	+2	SW	2	6	41	36	0.09		
The Helder	30.25	36	S	1	0	30.15	-2.1	37	36	+2	SSE	1	6	37	3	-		
Cape Gris Nez	30.25	39	SE	4	Om	30.11	-1.8	33	33	-3	SSE	3	6	43	34	0.04		
†Jersey	30.28	42	SW	3	0	30.12	-2.3	38	38	0	S	3	6	43	37	-		
Brest	30.21	48	W	4	0	30.03	-2.5	48	45	+4	SSW	5	6	48	43	0.24		
Lorient	30.24	46	SSW	3	0	30.02	-3.2	49	45	+13	SSW	4	6	?	34	-		
†Rochefort	30.34	38	NE	3	0	30.16	-1.6	34	32	-2	E	3	6	41	28	-		
Biarritz																		
Corunna																		
Brussels						30.19	-1.5	35	34	0	SSW	1	6	37	35	-		
Charleville	30.30	36	S	1	0	30.17	-1.6	35	32	0	SW	1	6	37	32	-		
Paris	30.36	37	SE	1	0	30.20	-1.8	35	35	-1	SSE	1	6			-		
Lyons	30.36	33	NNE	1	0	30.21	-1.7	32	31	-1	NE	1	6	35	30	-		
Toulon																		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.84	35	SW	1	6	28.82	+0.02	24	23	-9	E	2	6	36	22	0.26		
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeanaes ...	30.18	39	37	SSE	9	0	1	Valencia ...	30.19	48	42	WNW	3	bc	4
Sumburgh Head	29.76	42	42	SW	4	N	6	Scilly ...							
Stornoway ...	29.85	41	39	W	3	bc	3	Dover ..	30.26	44	42	WSW	3	bcg	2
Aberdeen ...	29.90	41	40	S	3	Nm	4	London ...	30.25	44	42	SSW	2	bm	3
Shields ...	30.02	36	35	SW	4	N	3	Yarmouth ...	30.24	41	40	SW	1	bc	2
Ardrossan ...	29.97	43	43	W	1	C	4	Jersey ...	30.31	42	40	SW	3	C	3
Mullaghmore ...	30.05	43	41	WSW	5	bc	4	Rochefort ...							
Holyhead ...	30.03	45	43	WNW	5	C	4								

The barometer is rising except in the E. and S. where pressure is affected by a disturbance which is crossing S<sup>th</sup> England from the W<sup>th</sup>. The weather is wet in the NE. and at Falmouth, but is fine elsewhere.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

FOR

FRIDAY 16<sup>TH</sup> DECEMBER.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10<sup>s</sup>/per quarter*  
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ROBERT H. SCOTT

(SECRETARY.)



*Printed by Longstaffe, Lark Lane, Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on Friday, 16<sup>th</sup> DECEMBER, 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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.

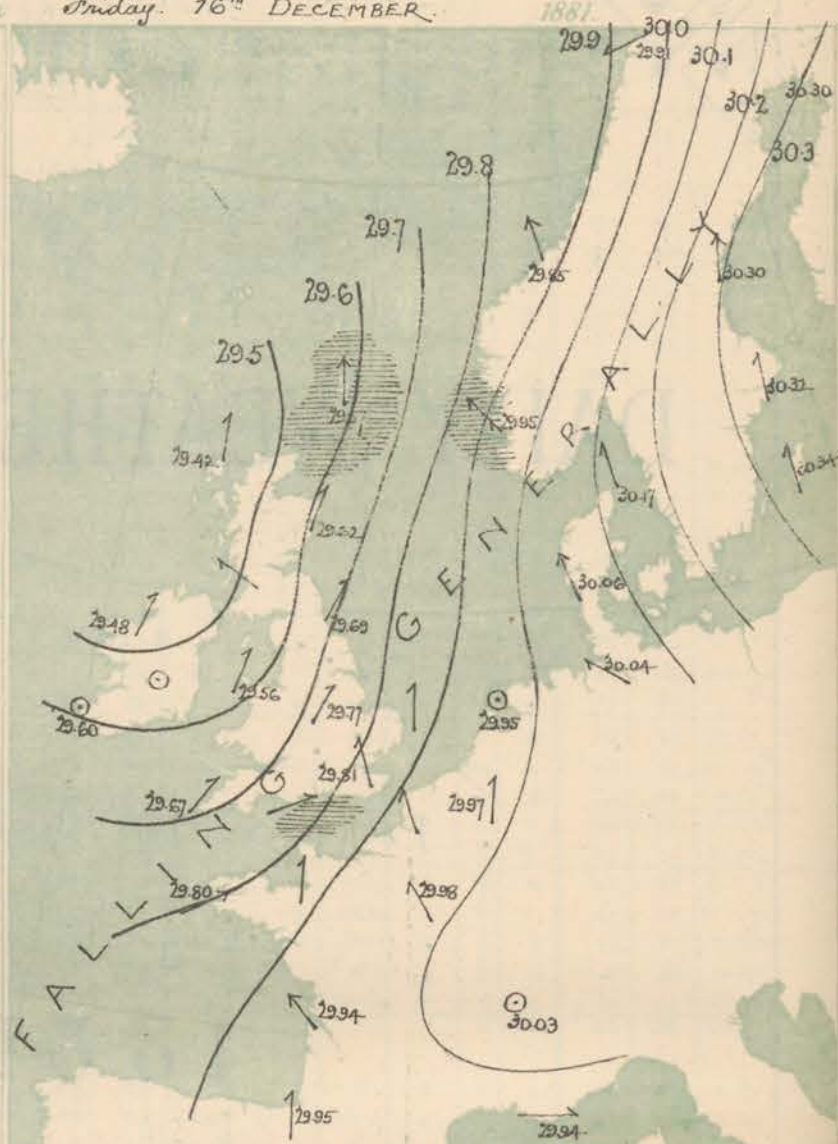
Sea Disturbance, where considerable, is shown by shading round the coast; thus: ——— Rough; ——— High.

## MEAN\* HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings In.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.877
Aldersham	29.894
Greenwich	29.791
Holyhead	29.877
Valencia	29.866
Rochester	29.837
Plymouth	29.892
LONDON	29.916
Farmouth	29.891

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

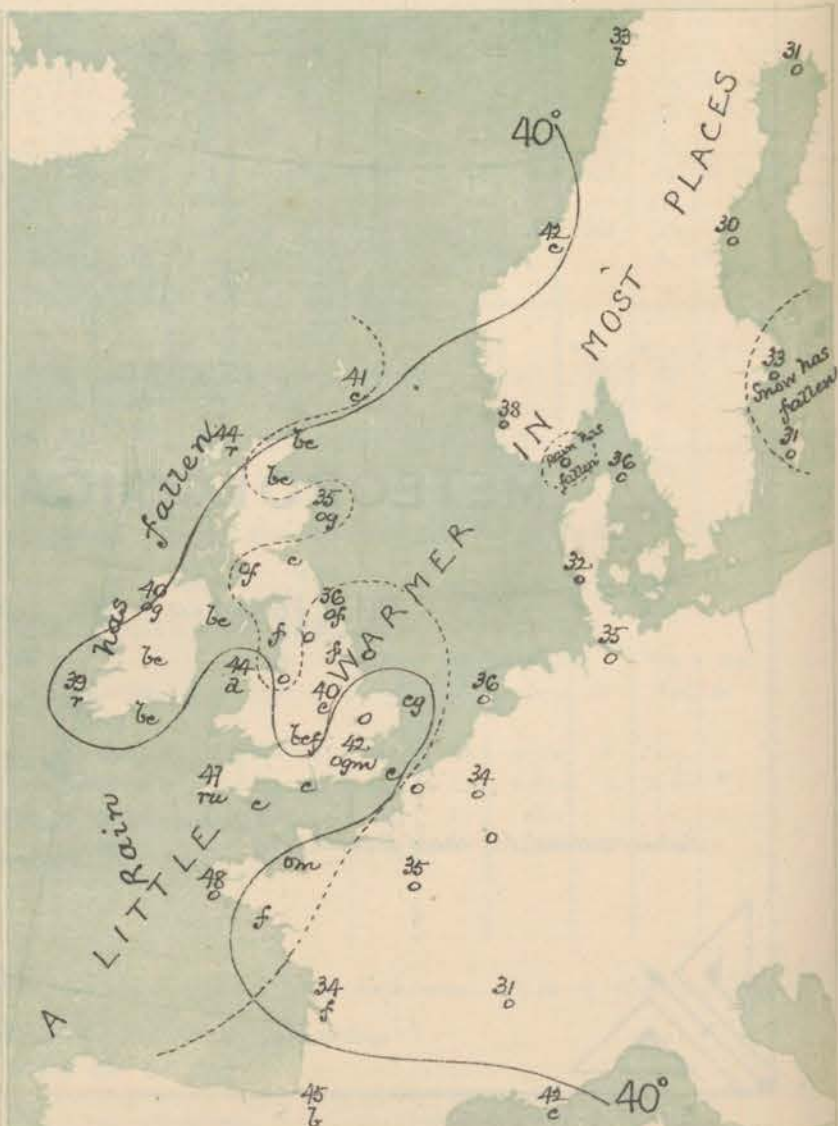
Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of December

Stations	Temp.	Rain-fall
Sumburgh Head	41.2	3.32
Sarnsey	41.5	0.09
Aberdeen	39.5	2.96
Shetlands	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Farmington	42.4	3.68
Valencia	40.6	6.22
Sally (St Mary's)	46.7	4.02
Ilford Castle	43.7	?
Dover	41.0	3.54
LONDON	41.0	3.79
Farmouth	40.3	3.42

\* The mean Temperatures are those for the 13 years 1867-79; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Friday 16<sup>th</sup> DEC<sup>r</sup> 1881 at 8 a.m.

This morning's chart shows that the barometer is falling over the whole of Western Europe, though the change in the south of Ireland since late last night has been very slight. A large area of low pressure lies off our NW. coast, and a large area of high readings over Sweden and the Baltics. In consequence the prevailing direction of the wind is S<sup>W</sup> all over the region embraced by the chart, though in Norway and North Germany it is SE<sup>W</sup> and at some SW. stations <sup>SW<sup>W</sup></sup>. It blows a gale at Skudeenæs and strongly at the other ports on the eastern shores of the North Sea, but is light to fresh in force elsewhere. The weather is unsettled and changeable; in some parts of Scotland and Ireland the sky is moderately clear, but elsewhere it is dull or cloudy with rain at Stromway, Barrow in Furness, Holyhead, and Falmouth and fog or mist in many places. Heavy rain has fallen at Hurst Castle and in Ireland, and smaller amounts in most places. Temperature has risen in most places except Scandinavia and ranges from 47° at Falmouth to 31° at Liverpool and at Lyons. The sea is rather rough at Hurst Castle, off the N. of Scotland and at Skudeenæs, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

17<sup>th</sup> DECEMBER

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

S<sup>W</sup> winds, strong, perhaps a gale, dull, showers.

2 SCOTLAND EAST

S<sup>W</sup> and SW<sup>W</sup> winds, moderate or fresh; dull and some rain then fair.

3 ENGLAND N.E.

-----D°-----D°-----D°-----

4 ENGLAND EAST

Same as N°5.

5 MIDLAND COUNTIES

Same as N°5.

6 ENGLAND SOUTH

S<sup>W</sup> and SW<sup>W</sup> breezes, moderate or fresh; weather unsettled, dull, with slight misty rain.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST

S<sup>W</sup> winds, fresh; dull, rain.

7 ENGLAND N.W.

S<sup>W</sup> winds, moderate or fresh; dull, misty rain.

8 ENGLAND S.W.

SW<sup>W</sup> winds, backing to S. fresh; showery.

9 IRELAND NORTH

S<sup>W</sup> winds, strong; dull, unsettled, rain.

10 IRELAND SOUTH

-----D°-----D°-----D°-----

### WARNINGS

The south cone was hoisted last evening in district 9, and part of 1.



# METEOROLOGICAL OBSERVATIONS FOR

16<sup>th</sup> DEC.

1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.						FAST 24 HOURS.				
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.		WIND.		WIND.		WIND.		Amount of Rainfall.
			Dir.	Force.			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force.				
Haparanda ...	30.30	31	SW	4	0		30.30	+0.5	31	30	-1	SW	4	0	*	32	28
Hernösand ...	30.40	33	S	6	0		30.30	-1.0	30	30	-3	SW	6	0	*	36	28
Stockholm ...	30.43	32	S	4	0		30.32	-2.1	33	32	0	S	2	0	*	34	30 0.04
Wisby ...	30.43	30	SE	6	0		30.34	-2.3	31	31	-1	S	4	0	*	37	28 0.04
Bodö ...	30.02	38	E	2	0		29.91	-0.2	33	30	-8	ESE	4	6	1	241	32
Christiansund ...	29.95	42	E	1	0		29.85	-2.0	42	35	+2	SSE	5	0	4	?	30
†Skudesnaes ...	30.04	40	ESE	8	0		29.95	-1.5	38	34	-2	ESE	8	0	6	?	?
Oxö (Xiänsund) ...	30.19	35	ESE	6	0		30.09	-1.5	36	33	0	ESE	6	0	4	36	34 0.04
Skagen (The Skaw) ...	30.26	36	SSE	5	0		30.17	-1.5	36	33	-1	SSE	4	0	3	37	34
Fanö ...	30.17	33	SSE	6	0		30.06	-1.7	32	32	-1	SSE	6	0	*	34	32
Cuxhaven ...	30.14	?	SSE	3	0		30.04	-1.7	35	35	+1	ESE	3	0	*	?	32
†Sumburgh Head ...	29.77	40	S	4	6		29.57	-3.8	41	40	+2	S	5	0	5	42	38 0.03
†Stornoway ...	29.62	43	S	7	0		29.42	-4.2	44	43	+4	S	3	0	4	47	40 0.14
Wick ...	29.77	40	S	7	0		29.52	-4.0	39	37	+3	S	6	0	5	40	336
Nairn ...	29.76	36	SW	2	0		29.52	-4.5	35	32	+3	W	0	0	1	39	32
†Aberdeen ...	29.87	34	SSW	1	0		29.62	-4.0	35	33	+2	SSW	1	0	1	36	26 0.01
Leith ...	29.89	36	S	1	0		29.51	-4.8	34	32	+5	S	4	0	*	39	27
†Shields ...	29.95	35	W	0	0		29.69	-4.1	36	36	+5	SW	3	0	2	36	31 0.02
Spurn Head ...	29.93	40	SSE	4	0		29.73	-3.4	39	38	+3	SSE	5	0	4	40	35 0.04
York ...	29.95	35	ESE	1	m		29.72	-3.9	36	36	+10	S	1	0	*	37	25 0.05
Nottingham ...	29.95	36	NW	1	0		29.77	-3.6	40	39	+9	SW	3	0	*	41	29 0.12
†Ardrossan ...	29.86	39	SE	4	0		29.51	-5.2	38	38	+4	ESE	4	0	3	42	33
†Mullaghmore ...	29.67	42	SSW	6	0		29.48	-4.7	40	39	+2	SSW	3	0	4	44	37 0.12
Donaghadee ...	29.84	36	SW	2	0		29.49	-5.7	37	37	+5	SW	2	0	0	43	30 0.53
Parsonstown ...	29.78	37	S	2	0		29.59	-4.6	34	33	+3	SSE	1	0	*	41	30 0.21
Barrow-in-Furness ...	29.92	33	SSE	2	0		29.61	-4.8	35	35	+4	SE	3	0	2	40	30
†Holyhead ...	29.89	37	S	2	0		29.56	-5.0	44	43	+5	SSW	4	0	3	44	33 0.04
Liverpool (Bidston) ...	29.92	32	SE	1	0		29.65	-4.4	31	31	-2	SE	3	0	2	33	28
†Valencia ...	29.65	48	S	7	0		29.60	-3.8	39	38	-6	SE	1	0	2	49	38 0.54
Roche's Point ...	29.75	47	SSW	7	0		29.59	-4.7	38	37	+4	WNW	3	0	4	49	34 0.28
Pembroke ...																	
†Scilly ...																	
Prawle Point ...	29.92	40	NW	2	0		29.73	-3.1	46	43	+8	S	4	0	4	46	35 0.01
Hurst Castle ...	29.94	45	SSW	5	0		29.79	-2.5	45	44	+1	WNW	4	0	5	47	44 0.48
†Dover ...	30.03	37	S	4	0		29.86	-2.8	41	40	-1	SSW	4	0	?	43	34 0.02
†London ...	30.02	38	S	2	0		29.81	-2.7	42	42	+2	SSE	1	0	*	43	38 0.03
Oxford ...	29.92	39	SE	2	0		29.79	-2.9	37	36	-1	SE	1	0	*	42	37 0.16
Cambridge ...	29.98	38	S	1	0		29.80	-2.9	41	40	+4	S	1	0	*	41	35 0.19
†Yarmouth ...	30.03	40	SW	1	0		29.85	-2.6	41	40	+1	S	4	0	4	42	38 0.02
The Helder ...	30.08	35	SSE	1	0		29.95	-2.0	36	35	-1	SSE	1	0	1	39	34
Cape Gris Nez ...	30.04	34	SSE	1	0		29.91	-2.0	35	34	+2	SSE	3	0	2	37	32
†Jersey ...	30.00	39	S	3	0		29.87	-2.5	39	39	+1	S	3	0	3	39	37 0.06
Brest ...	29.97	46	N	3	0		29.80	-2.3	48	44	0	WNW	5	0	4	48	43 0.08
Lorient ...	29.91	48	S	4	0		29.82	-1.4	39	38	-10	ESE	4	0	2	50	36 0.28
†Rochefort ...	30.06	36	E	3	0		29.94	-2.2	34	34	0	SE	5	0	2	39	28
Biarritz ...	30.06	36	E	3	0		29.95	-2.0	45	41	+17	S	3	0	4	?	28
†Corunna ...		*	*	*	*		29.98	-1.6	36	*	+2	SE	1	0	5	*	*
Brussels ...		*	*	*	*		29.97	-2.2	34	32	-1	S	1	0	*	37	34
Charleville ...	30.06	34	E	1	0		29.95	-2.2	36	30	+1	S	3	0	*	36	30
Paris ...	30.09	37	SSE	1	0		29.98	-2.2	35	35	0	SE	3	0	*	*	*
Lyons ...	30.12	31	N	1	0		30.03	-1.8	31	30	-1	W	1	0	*	33	30
Toulon ...	29.96	47	NW	4	0		29.94	-1.0	42	40	-6	W	4	0	3	54	41

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.63	31	E	1	0		28.42	-4.0	34	33	+10	S	2	0	*	34	23
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.


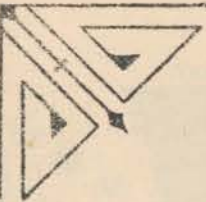
	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.08	39	35	ESE	8	0	5	Valencia ...	29.80	42	45	SSE	6	bef	5
Sumburgh Head ...	29.86	41	37	S	4	0	4	Scilly ...							
Stornoway ...	29.72	43	40	S	8	0	7	Dover ..	30.06	40	38	SSW	4	bef	3
Aberdeen ...	29.74	35	34	SW	1	0	1	London ...	30.03	42	40	SE	2	od	*
Shields ...	30.00	35	33	W	0	0	2	Yarmouth ...	30.08	42	41	SW	1	omg	2
Ardrossan ...	29.91	40	40	SE	3	0	2	Jersey ...	30.03	38	38	S	2	0	3
Mullaghmore ...	29.79	41	39	SW	6	0	5	Rochefort ...	30.12	37	35	SSW	3	0	2
Holyhead ...	29.96	42	39	S	2	0	1								

Pressure is decreasing everywhere, and, as the fall at Valencia is rather brisk, it is probable that a new disturbance is approaching. The wind is SE<sup>ly</sup> to SW<sup>ly</sup> and strong in the W. The weather is fair except in London and on our E. coast.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).  
 § Received too late for insertion in charts.





# DAILY WEATHER REPORT

F O R

SATURDAY 17<sup>TH</sup> DECEMBER,

1881.

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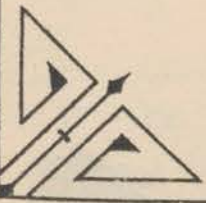
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ROBERT H. SCOTT

(SECRETARY.)



*Printed by Dangerfield, Lath 22, Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on SATURDAY, 17<sup>TH</sup> DECEMBER.

1881

## BAROMETER, WIND & SEA

### Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer 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.

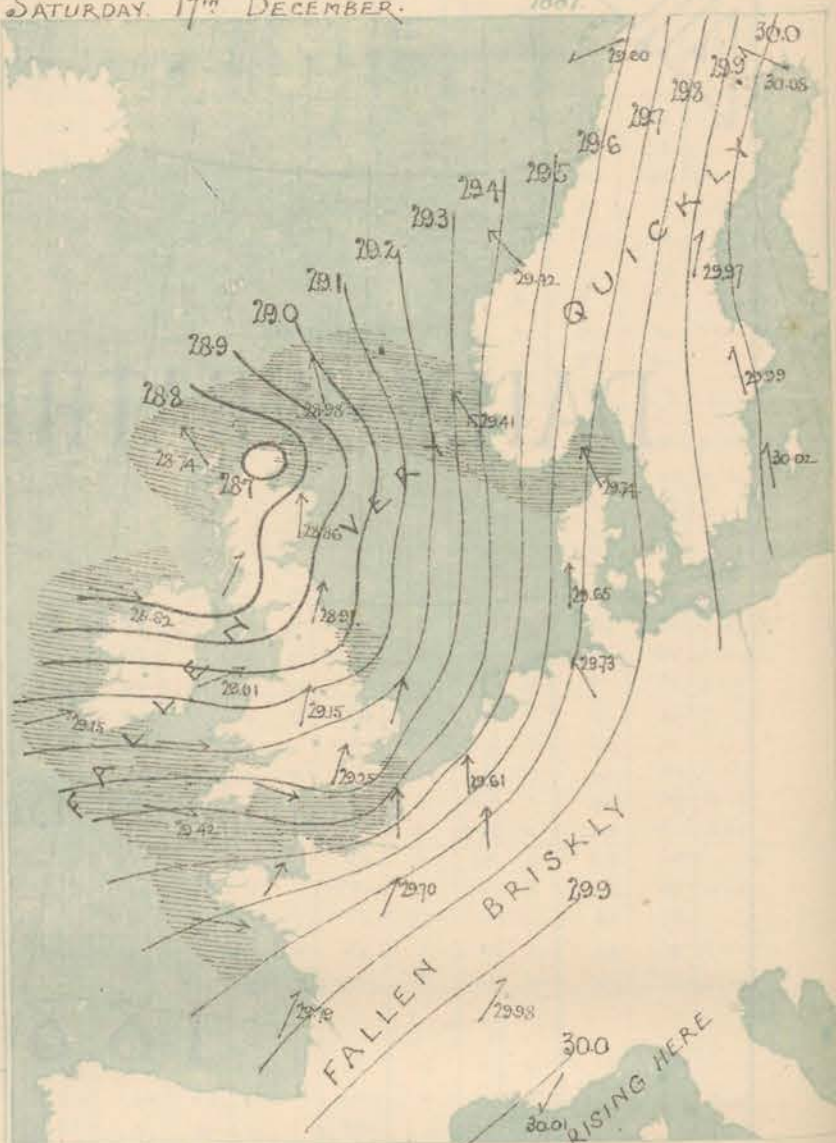
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

## MEAN<sup>H</sup> HEIGHT of the BAROMETER

for the month of December

Stations.	Mean Readings ins
Nairn	29.734
Aberdeen	29.740
Leith	29.781
Scarborough	29.837
Ardrossan	29.804
Greenock	29.791
Holyhead	29.852
Valentia	29.866
Roche's Pt.	29.837
Plymouth	29.834
LONDON	29.916
Vermouth	29.891

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.1 in. or more, are quoted in figures.

## MEANS<sup>H</sup> OF TEMPERATURE AND RAINFALL

for the month of December

Stations	Temp.	Rain-fall
Sandburgh Head	41.2	3.32
Stornoway	41.5	6.08
Aberdeen	39.6	2.96
Shields	39.2	2.79
Kirk	39.8	2.67
Mullingmore	42.0	?
Holyhead	42.2	4.07
Portsmouth	42.4	3.19
Valentia	42.8	6.32
Sally (St Mary's)	42.7	1.02
Ilust Castle	42.2	?
Dover	41.0	3.64
LONDON	41.0	2.19
Vermouth	40.8	2.42

The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Saturday 17<sup>th</sup> DEC<sup>r</sup> 1887 at 8 a.m.

The decrease of pressure which had commenced in Ireland yesterday afternoon has since continued quickly, and spread to all parts of the Kingdom and the neighbouring countries. A large depression in which readings are considerably below 29 ins: has advanced over Scotland, while other smaller and subsidiary disturbances are apparently crossing England from the W<sup>nd</sup>. The wind which is generally strong in force blows from W. on our W<sup>st</sup> and S<sup>st</sup> coasts, but draws into S. on our East coast and into SE. over Norway. At Spurn Head and Skudenes it reaches the force of a fresh gale. The weather is fine in the NE. and E. of France, but is cloudy or dull in all other places, with showers of rain in many part of the country. Temperature has risen, and ranges from 49° at Jersey and Valencia to 36° at <sup>Grand Baitong</sup> Haiphong. The sea is rough or rather so nearly all round our coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

18<sup>th</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE <sup>ly</sup> strong winds to S <sup>ly</sup> moderate; dull, rain, gloomy.	6 SCOTLAND WEST	SW <sup>ly</sup> and W <sup>ly</sup> strong squally winds; cold showers.
7 SCOTLAND EAST	S <sup>ly</sup> and SW <sup>ly</sup> or W <sup>ly</sup> winds, strong; squally, cloudy, showery.	7 ENGLAND N.W.	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
2 ENGLAND N.E.	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----	8 ENGLAND S.W.	W <sup>ly</sup> winds, strong, with showers, then SW <sup>ly</sup> and fair.
3 ENGLAND EAST	Same as N <sup>o</sup> 5.	9 IRELAND NORTH	W <sup>ly</sup> winds, strong and squally, with showers then backing to S., with temporary fair weather.
4 MIDLAND COUNTIES	Same as N <sup>o</sup> 5.	10 IRELAND SOUTH	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
5 ENGLAND SOUTH	Strong S <sup>ly</sup> winds, veering to SW. and W., and moderating; showers of cold rain or perhaps hail then fair.	WARNINGS	The south cone still flies in district N <sup>o</sup> 0. and part of N <sup>o</sup> 1.



# METEOROLOGICAL OBSERVATIONS FOR

17<sup>th</sup> DEC.

1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometre. Reading at 32° F. and Sea Level.	SHADE TEMP.		WIND.	Weather.	Sea. (0 to 3).	SHADE TEMP.		Amount of Rainfall.					
			Dir.	Force (0 to 10).			Dry.	Wet.				Max.	Min.						
Haparanda	30.22	33	SW	4	S	30.08	28	27	SE	4	0	28	28	0.20					
Hernösand	30.25	32	E	2	O	29.97	32	30	SSW	4	0	36	28						
Stockholm	30.20	33	S	2	O	29.99	33	32	S	4	0	34	30						
Wisby	30.21	31	S	4	O	30.02	31	31	S	2	0	34	28						
Bodö	29.82	33	E. N.E.	4	b	29.60	31	29	E. N.E.	4	0	34	30						
Christiansund	29.69	40	SE	4	O	29.42	42	35	SSE	5	60	43	28						
†Skudesnaes	29.78	38	SE	8	O	29.41	39	35	SE	8	0	37							
Oxö (Xiänsund)	29.92	38	SE	6	O	29.62	36	35	SSE	6	0	36	0.08						
Skagen (The Skaw)	29.99	37	SSE	4	O	29.74	37	35	SSE	6	0	34	34	0.04					
Fanö	29.88	33	SSE	4	O	29.65	32	32	S	6	0	34	32						
Cuxhaven	29.94	?	SSE	2	O	29.73	34	34	SSE	2	0	34	32						
†Sumburgh Head	29.36	43	S	5	O	28.98	41	40	SSE	5	7	44	39	0.25					
†Stornoway	29.32	35	W. S.W.	2	b	28.74	38	37	SE	6	0	44	33	0.18					
Wick	29.34	35	S	2	b	28.70	41	39	SSE	6	0	41	35	0.09					
Nairn	29.38	34	Z.	0	b	28.83	36	34	Z.	0	0	38	32						
†Aberdeen	29.43	38	S	3	O	28.86	36	38	S	5	4	40	34	0.02					
Leith	29.45	38	Z.	0	A	28.81	36	35	SE	1	0	40	33	0.02					
†Shields	29.52	38	SW	2	A	28.91	37	36	SSW	5	0	40	36	0.26					
Spurn Head	29.58	42	S	6	O	29.06	39	39	S	8	5	43	38	0.10					
York	29.56	41	ESE	2	O	29.03	39	38	SW	3	0	41	35	0.35					
Nottingham	29.57	39	SSE	4	C	29.15	42	40	SSW	7	0	43	36	0.18					
†Ardrossan	29.43	38	E	2	b	28.75	43	43	SW	4	0	48	34	0.23					
†Mullaghmore	29.39	37	SSE	2	b	28.82	46	41	W	7	0	46	36	0.20					
Donaghadee	29.45	35	SW	3	b	28.84	40	39	WSW	6	0	41	32	0.35					
Parsonstown	29.45	34	S	1	b	29.03	42	40	W	4	0	42	32	0.32					
Barrow-in-Furness	29.48	38	SE	3	A	28.95	44	43	WSW	4	0	45	35	0.25					
†Holyhead	29.45	42	N.E.	1	A	29.01	45	42	WSW	5	4	46	41	0.33					
Liverpool (Bidston)	29.43	36	SE	2	A	29.01	43	40	WSW	6	4	43	31	0.41					
†Valencia	29.36	46	S	5	q	29.15	49	48	WSW	6	5	50	37	0.66					
Roche's Point	29.48	45	SW	4	b	29.17	47	47	WSW	5	5	48	38	0.39					
Pembroke	29.47	39	SE	1	b	29.17	48	44	W	6	4	49	38	0.29					
†Scilly																			
Prawle Point	29.48	46	SSW	6	A	29.37	46	45	WSW	6	0	50	38	0.15					
Hurst Castle	29.59	45	SW	6	b	29.31	48	46	WNW	7	0	48	42	0.16					
†Dover	29.76	40	SW	A	C	29.39	46	45	SSW	7	0	46	38	0.16					
†London	29.69	40	S	3	O	29.25	45	45	SSW	5	0	46	40	0.14					
Oxford	29.52	43	S	5	O	29.23	45	43	SSW	6	0	45	37	0.22					
Cambridge	29.62	43	S	1	A	29.21	43	43	S	2	0	43	38	0.11					
†Yarmouth	29.74	40	SSE	5	C	29.26	44	43	SSW	6	4	44	39	0.12					
The Helder																			
Cape Gris Nez	29.78	33	SSE	5	b	29.43	43	42	S	7	4	?	34	0.04					
†Jersey	29.68	40	SSE	5	0	29.47	44	44	SW	7	0	44	38	0.17					
Brest																			
Lorient	29.65	51	SW	8	A	29.60	52	50	W	7	5	52	36	0.20					
†Rochefort	29.87	39	SSE	4	O	29.79	46	46	SSW	4	0	?	36	0.16					
Biarritz																			
Corunna																			
Brussels						29.61	36	37	S	8	0	?	32						
Charleville	29.91	32	SW	4	O	29.76	31	?	S	7	60	?	27						
Paris	29.91	35	SE	3	O	29.70	38	35	SSW	5	0								
Lyons	30.02	32	WSW	1	b	29.98	29	28	SW	1	0	36	26						
Toulon	30.00	41	W	1	b	30.01	43	40	W	4	0	48	41						

## HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.27	34	SW	3	S	29.72	34	34	0	WSW	3	35	32	0.64
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.89	37	33	SSE	9	0	Y	Valencia	29.51	45	44	SSE	2
Sumburgh Head	29.45	41	37	S	5	0	6	Scilly					
Stornoway	29.37	37	37	SW	1	0	2	Dover	29.82	39	38	SW	4
Aberdeen	29.49	40	38	S	6	0	4	London	29.73	45	43	SSE	2
Shields	29.55	40	38	WSW	4	0	2	Yarmouth	29.78	42	41	SSW	4
Ardrossan	29.47	42	42	SSW	3	0	2	Jersey	29.76	39	39	S	4
Mullaghmore	29.47	43	39	SSW	2	0	4	Rochefort	29.91	38	37	SSE	5
Holyhead	29.54	44	42	N.E.	1	0	0						

The barometer is falling in all places, and while the large depression of this morning seems to be moving away, a small subsidiary has formed over the Bristol Channel and another is apparently approaching the S. of Ireland. The S.W. wind at Aberdeen has increased to a strong breeze, and the weather continues dull and damp everywhere.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

F O R

*Sunday* 18<sup>TH</sup> DECEMBER.

1881.

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METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

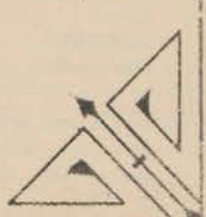
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ROBERT H. SCOTT

(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Sunday 18<sup>th</sup> DECEMBER 1887.

## BAROMETER, WIND & SEA

### Explanation of Map

Barometer isobars are drawn for each 10th of an inch. Changes in height of barometer since previous morning are stated in words.

Wind arrows show the prevalent wind. 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.

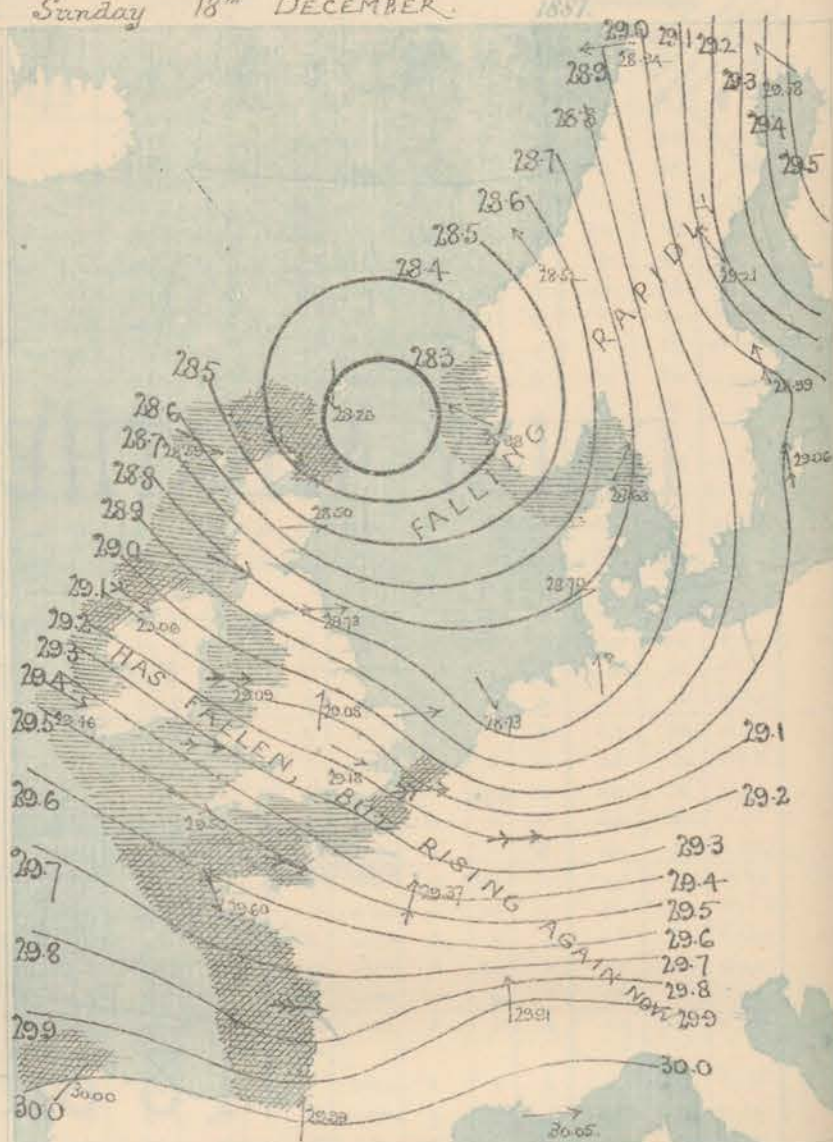
Sea Disturbance, when considerable is shown by shading round the coast, thus — rough, — high.

## MEAN HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Sunderburgh	29.837
Arbroath	29.844
Grimcastle	29.794
Holyhead	29.887
Valencia	29.866
Roches Pt.	29.837
Plymouth	29.892
LONDON	29.916
Wormouth	29.881

\* These means are for the 30 years 1856-85. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

### Explanation of Map

Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words. Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.1 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of December

Stations	Temp.	Rain-fall
Samburgh Head	41.2	3.22
Stornoway	41.5	6.09
Aberdeen	39.5	2.96
Shetland	38.7	2.79
York	39.9	2.67
Mullighmore	43.6	1
Holyhead	43.4	4.97
Paranstown	42.8	3.08
Valencia	42.8	0.32
Sally (St Mary's)	46.7	2.12
Burst Castle	41.2	1
Dover	41.0	3.54
LONDON	41.0	2.19
Wormouth	40.3	3.42

\* The mean temperatures are those for the 30 years 1857-86, the mean amounts of rain are those for the 10 years 1866 to 1875.





# REMARKS

for Sunday 18<sup>th</sup> DEC<sup>r</sup> 1887 at 8 a.m.

A deep depression has passed across Scotland from SW. to NE. during the night, and now has its centre off the west coast of Norway, where the barometer has fallen more than an inch. During the same time a small subsidiary disturbance passed across the south of England, so that last night was exceedingly rough and unsettled over the whole Kingdom gales and heavy rain prevailing generally.

This morning the barometer is rising everywhere, and the depressions are disappearing, but the wind which is W<sup>3</sup> on nearly all our coasts, is still very strong in force, and both in Wales and at the mouth of the Tyne blows a gale.

The weather is moderately fine and temperature, which has fallen generally, ranges from 34° at Parsonstown to 43° at Hurst Castle.

The sea is rough all round our coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

1 SCOTLAND NORTH

2 SCOTLAND EAST

3 ENGLAND N.E.

4 ENGLAND EAST

5 MIDLAND COUNTIES

6 ENGLAND SOUTH

### FORECASTS

NONE ISSUED

### DISTRICTS

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

### WARNINGS

### FORECASTS

NONE ISSUED



# METEOROLOGICAL OBSERVATIONS FOR 18<sup>th</sup> DEC<sup>r</sup> 1881.

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 15).		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 15).		Max.	Min.				
Haparanda ...	29.69	24	SE	4	o	29.58	- .50	20	17	- 8	SE	4	o	*	28	?	0.08		
Hernösand ...	29.62	34	S	3	r	29.21	- .76	33	32	+ 1	SE	6	o	*	26	20	0.04		
Stockholm ...	29.61	35	S	6	o	28.99	- 1.00	32	32	- 1	SSE	8	s	*	36	30	-		
Wisby ...	29.68	34	S	6	o	29.06	- .96	32	32	+ 1	S	8	s	*	36	30	0.16		
Bodö ...	29.30	36	ENE	4	b	28.94	- .66	38	37	+ 7	E	6	c	3	?	30	-		
Christiansund...	28.97	42	SSE	6	c	28.52	- .90	40	33	- 2	SE	6	bc	3	42	28	-		
†Skudesnaes ...	28.77	39	SSE	9	r	28.38	- 1.03	38	36	- 1	ESE	6	r	5	39	?	-		
Oxö (Xiansund) ...	28.98	37	SSE	9	r	28.54	- 1.08	37	36	+ 1	NNE	2	c	5	37	36	0.63		
Skagen (The Skaw)	29.15	37	SSE	9	a	28.63	- 1.11	36	35	- 1	SW	5	o	6	37	32	0.46		
Fanö ...	28.86	33	SSE	6	s	28.70	- 0.95	40	40	+ 8	WSW	4	r	*	42	32	0.32		
Cuxhaven ...	29.15	?	SSW	7	r	?	?	38	37	+ 4	S	1	o	*	41	32	0.20		
†Sumburgh Head	28.46	41	SSE	7	r	28.26	- .72	37	37	- 4	N	1	c	4	44	37	0.44		
†Stornoway ...	28.52	37	WNW	7	bc	28.59	- .15	39	37	+ 1	WNW	7	cg	6	40	35	0.14		
Wick ...	28.48	36	NNW	1	o	28.37	- .33	40	39	- 1	NN	8	of	7	45	35	0.55		
Nairn ...	28.49	34	Z	0	o	28.46	- .27	37	35	+ 1	SW	5	c	2	39	34	0.04		
†Aberdeen ...	28.47	38	S	3	bc	28.50	- .36	41	36	+ 1	W	5	c	3	41	35	0.14		
Leith ...	28.49	41	SW	7	o	28.68	- .13	38	36	+ 2	SW	3	c	*	41	35	-		
†Shields ...	28.70	40	WSW	4	o	28.73	- .18	38	36	+ 1	W	8	c	2	43	37	0.01		
Spurn Head ...	28.83	41	WSW	6	b	28.83	- .23	39	38	0	W	7	bcg	4	44	35	0.25		
York ...	28.84	40	WSW	2	b	28.92	- .11	40	37	+ 1	W	7	c	*	44	36	0.23		
Nottingham ...	29.00	39	SSW	3	b	29.08	- .07	38	36	- 4	SSW	4	b	*	44	36	0.54		
†Ardrossan ...	28.58	43	WNW	5	c	28.33	+ .08	39	39	- 4	WNW	6	ogph	4	44	36	0.19		
†Mullaghmore ...	28.87	42	WNW	8	o	29.06	+ .24	42	37	- 4	WNW	8	oghr	7	46	37	0.38		
Donaghadee ...	28.74	41	WSW	7	b	28.98	+ .14	37	35	- 3	WSW	6	bc	4	42	35	0.24		
Parsonstown ...	29.05	42	W	4	o	29.28	+ .25	34	32	- 8	W	3	bc	*	44	33	0.32		
Barrow-in-Furness	28.89	44	WSW	5	o	28.95	+ .06	41	38	- 3	W	7	og	6	45	40	0.03		
†Holyhead ...	28.94	45	WSW	8	b	29.09	+ .08	40	38	- 5	W	9	cu	7	45	40	0.30		
Liverpool (Bidston)	28.86	44	WSW	7	o	29.00	- .01	40	38	- 3	WSW	8	c	6	44	38	0.44		
†Valencia ...	29.16	46	SW	5	o	29.46	+ .31	42	39	- 7	WNW	6	cg	6	50	36	0.57		
Roche's Point...	29.18	45	NN	4	bc	29.41	+ .24	38	36	- 9	WNW	5	bc	5	49	36	0.25		
Pembroke ...	29.10	48	W	7	o	29.24	+ .07	43	40	- 5	WNW	9	c	5	50	40	0.76		
†Scilly ...																			
Prawle Point ...	29.28	52	WSW	8	r	29.43	+ .06	42	40	- 4	WNW	6	c	6	53	40	0.61		
Hurst Castle ...	29.19	52	W	10	r	29.34	+ .03	43	41	- 5	NN	7	b	6	53	42	0.29		
†Dover ...	29.09	50	WSW	8	o	29.17	- .22	40	39	- 6	W	5	b	4	54	40	0.48		
†London ...	29.12	49	WSW	5	or	29.18	- .07	39	37	- 6	WNW	6	b	*	53	38	0.60		
Oxford ...	29.13	45	W	8	or	29.19	- .04	38	36	- 7	WSW	4	b	*	51	37	0.95		
Cambridge ...	29.04	43	S	2	o	29.13	- .08	38	37	- 5	W	2	b	*	48	38	1.05		
†Yarmouth ...	28.42	46	W	6	r	28.97	- .29	37	36	- 7	W	5	omg	4	46	33	0.80		
The Helder ...	28.89	45	SW	7	r	28.73	- 1.06	37	36	- 9	NNW	4	r	3	45	34	0.55		
Cape Gris Nez	29.14	50	WSW	11	r	29.12	- .31	44	40	+ 1	W	11	c	8	52	?	0.67		
†Jersey ...	29.42	52	WSW	8	o	29.50	+ .03	43	43	- 3	WNW	8	bc	7	55	44	0.24		
Brest ...	29.57	54	WSW	8	r	29.60	+ .02	50	48	- 2	NNW	8	o	8	54	48	0.16		
Lorient ...	29.62	54	W	8	m	29.62	+ .02	51	?	- 1	WNW	9	c	7	55	46	0.16		
†Rochefort ...	29.85	53	W	7	o	29.73	- .06	55	54	+ 9	W	11	r	7	57	45	0.20		
Biarritz ...	30.03	56	SW	5	r	29.99	+ .06	54	47	+ 3	S	4	o	4	57	45	0.20		
Corunna ...	*	*	*	*	*	30.00	.00	58	*	+ 4	SW	4	o	7	*	*	*		
Brussels ...	*	*	*	*	*														
Charleville ...	29.22	40	S	7	o	29.25	- .51	49	47	+ 18	W	9	o	*	52	27	0.71		
Paris ...	29.57	46	S	5	o	29.37	- .33	53	52	+ 17	SSW	8	r	*	*	*	0.12		
Lyons ...	?	41	?	4	r	29.41	- .07	43	41	+ 14	S	7	o	*	43	?	0.12		
Toulon ...	30.04	47	E	3	o	30.05	+ .04	48	48	+ 5	W	5	o	2	52	43	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	27.56	36	WSW	5	o	29.67	- .05	38	33	- 1	W	5	s	*	38	32	0.49		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.56	36	WSW	5	o	29.67	- .05	38	33	- 1	W	5	S	*	*	38	32	0.49
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.09	39	35	ESE	8	o	6	Valencia ...	29.15	47	45	W	6	ogp	6
Sumburgh Head	28.65	42	41	SSE	5	r	6	Scilly ...							
Stornoway ...	28.51	39	37	NE	3	o	3	Dover ..	29.25	48	46	WSW	5	ogm	5
Aberdeen ...	28.51	38	37	SSW	4	o	6	London ...	29.14	49	47	SSW	4	or	*
Shields ...	28.75	41	39	WSW	4	o	2	Yarmouth ...	29.12	44	43	WSW	5	o	4
Ardrossan ...	28.63	43	43	SW	6	c	4	Jersey ...	29.44	52	50	WSW	8	o	6
Mullaghmore ...	28.76	43	41	W	8	ogp	6	Rochefort ...	29.81	54	52	WSW	7	r	2
Holyhead ...	28.88	45	42	WSW	5	r	4								

The barometer is falling except at Valencia, where a recovery seems to have commenced. A large depression is crossing Scotland, while there is apparently a small subsidiary crossing England. The wind is strong & squally the weather exceedingly unsettled.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

FOR

MONDAY, 19<sup>TH</sup> DECEMBER.

1881.

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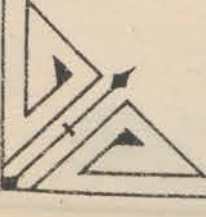
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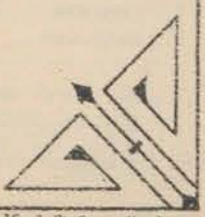
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Monday 19<sup>th</sup> DECEMBER 1887

## BAROMETER, WIND & SEA

### Explanation of Map

Barometer isobars are drawn for each tenth of an inch.  
Changes in height of barometer 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 6 to 7; → force 1 to 4;  
○ dead calm.

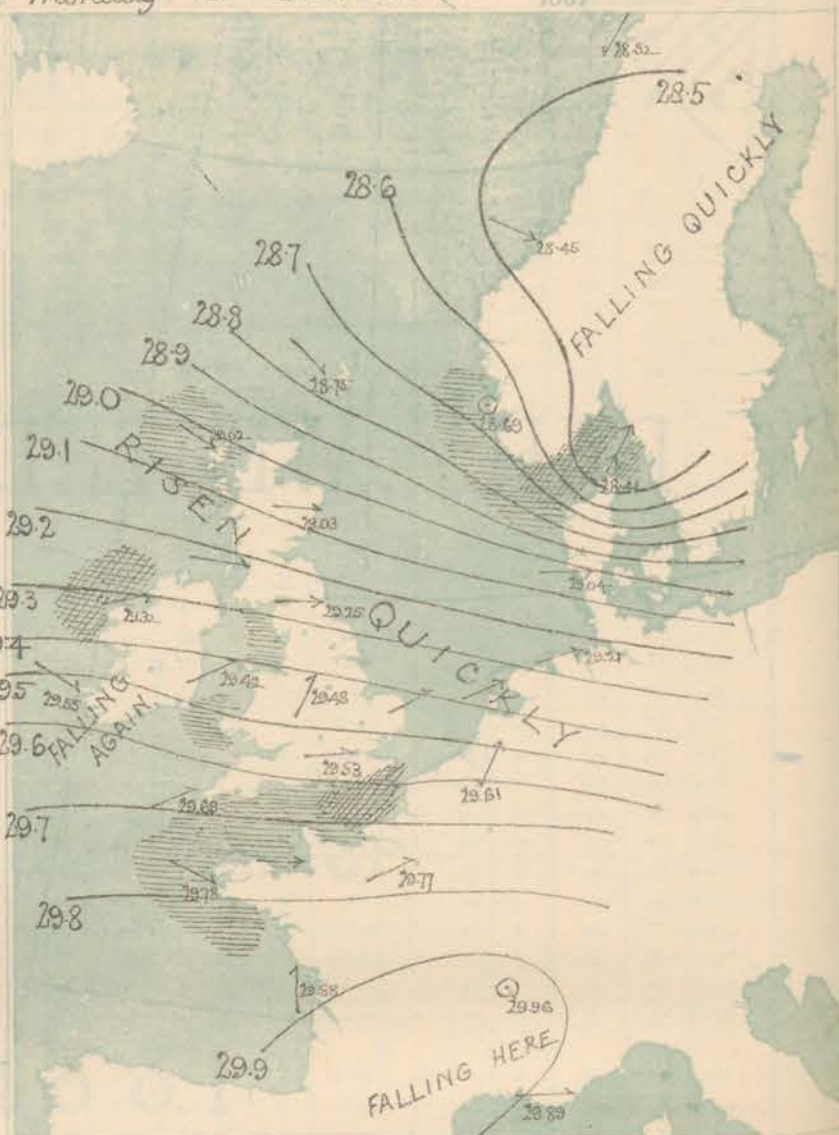
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

## MEAN\* HEIGHT of the BAROMETER

for the month of December

Stations.	Mean Readings In.
Saun.	29.724
Aberdeen.	29.740
Leith.	29.742
Scarborough.	29.837
Ardrossan.	29.804
Greenock.	29.791
Holyhead.	29.897
Valentia.	29.866
Roche's Pt.	29.837
Plymouth.	29.972
LONDON.	29.916
Yarmouth.	29.887

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map

Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

AND RAINFALL.

for the month of December

Stations	Temp.	Rain-fall
Scarborough Head	41.7	5.32
Seamewy	41.5	6.09
Aberdeen	39.5	2.96
Stirling	39.7	2.79
York	39.9	2.87
Mallaighmore	40.0	7
Holyhead	42.4	4.07
Parsonstown	42.6	3.08
Valentia	43.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	48.2	7
Dover	47.0	3.54
LONDON	41.0	2.12
Yarmouth	40.3	3.42

\* The mean Temperatures are these for the 10 years 1857-66; the mean amounts of Rain are these for the 10 years 1866 to 1875.





# REMARKS

for Monday 19<sup>th</sup> DEC<sup>r</sup> 1881 at 8 a.m.

During the past night the deep depression noticed near the Shetlands yesterday has passed eastwards over Scandinavia, and the mercury is still rising briskly over the greater part of the area embraced by our chart, but in Ireland a fresh decrease has commenced since midnight. The wind has backed a little on most coasts, but has decreased generally in force; it still blows a moderate gale in south Wales, and on the north-east coast of England, but elsewhere it is only moderate or fresh. During yesterday, slight or fresh gales were experienced in gusts in many parts of the country. The weather has become dull with showers of rain and hail both in the north of Scotland and west of Ireland, but in all other parts of these Islands as well as in the north of France the sky is clear or nearly so. Very rough, squally weather prevailed during yesterday in most parts of the country, and though dry and fine in the south-east sharp showers occurred elsewhere. Temperature has fallen except in the extreme W., and ranges from 46° at Jersey to 33° at Nottingham, while during last night the thermometer fell to 32° at Nottingham and to 33° or 34° at our other inland and northern stations.

The sea is rough generally.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon

on the

20<sup>th</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH	W <sup>z</sup> winds, backing and increasing; fair then dull and rain or hail.
2 SCOTLAND EAST	D° D° D°
3 ENGLAND N.E.	Strong SW <sup>z</sup> winds, backing and veering again; fair and cold then dull and rainy.
4 ENGLAND EAST	D° D° D°
5 MIDLAND COUNTIES	Same as N° 5.
6 ENGLAND SOUTH	Strong winds and probably gales between SW and NW; weather fair and cold till afternoon or evening, then dull, squally, and showery.

## DISTRICTS

## FORECASTS

6 SCOTLAND WEST	Wind backing to SW., and rising to a gale or strong breeze; fair then dull and rain.
7 ENGLAND N.W.	D° D° D°
8 ENGLAND S.W.	Same as N° 4 and 5.
9 IRELAND NORTH	Wind backing and probably strong to a gale from SW to NW; dull and squally, rain and hail showers.
10 IRELAND SOUTH	D° D° D°
WARNINGS	The S. cone was hoisted on Saturday evening in districts N° 5 to 10.



# METEOROLOGICAL OBSERVATIONS FOR

19<sup>TH</sup> DEC.

1881.

† 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 ...														*						
Hernösand ...														*						
Stockholm ...														*						
Wisby ...														*						
Bodö ...	28.68	31	E	8	0	28.52	- .42	29	28	- .09	E.N.E.	4	0	1	37	28	-			
Christiansund...	28.35	36	Sw	5	Λ	28.45	- .07	37	34	- .03	W.N.W.	5	0	4	?	27	0.08			
†Skudesnaes ...	28.39	38	SSW	4	Λ	28.69	+ .31	36	35	- .02	W	0	0	5	43	37	-			
Oxö (Xiansund) ...	28.46	40	Sw	5	C	28.68	+ .14	37	36	0	W	2	6	5	41	36	0.63			
Skagen (The Skaw)	28.55	42	Sw	9	Λ	28.41	- .22	38	38	+ .02	Sw	8	Λ	9	43	32	0.20			
Fanö ...	28.96	41	W	7	6	29.04	+ .34	41	39	+ .01	W	7	0	*	41	37	0.23			
Cuxhaven ...	29.09	44	W	8	Λ	29.21	?	39	38	+ .01	W.S.W.	7	0	*	46	34	0.50			
†Sumburgh Head	28.41	38	N	1	C	28.75	+ .49	42	39	+ .05	N.W.	4	0	4	42	35	0.17			
†Stornoway ...	28.75	39	W.N.W.	7	6C	29.02	+ .43	37	35	- .02	W.N.W.	5	bq	5	41	35	0.50			
Wick ...	28.50	37	N.W.	9	Λ	28.95	+ .58	35	34	- .05	N.W.	5	0	4	40	34	0.50			
Nairn ...	28.76	36	W.S.W.	6	0	29.02	+ .46	36	34	- .01	W.S.W.	2	6C	1	40	36	0.14			
†Aberdeen ...	28.73	37	W	4	C	29.03	+ .53	38	33	- .03	W	3	6	2	42	35	-			
Leith ...	28.89	35	Sw	5	6C	29.14	+ .46	37	35	- .01	W	3	6	*	41	34	0.03			
†Shields ...	28.99	38	W	6	6C	29.25	+ .52	37	35	- .01	W	7	6C	2	41	34	0.02			
Spurn Head ...	29.16	39	Sw	8	0	29.31	+ .48	37	36	- .02	W.S.W.	7	bq	4	42	28	0.01			
York ...	29.14	39	W	7	6C	29.33	+ .41	38	36	- .02	W	3	6	*	43	34	0.09			
Nottingham ...	29.33	36	Sw	3	Λ	29.48	+ .40	38	32	- .05	Sw	2	6C	*	43	32	0.01			
†Ardrossan ...	29.00	39	W.N.W.	5	hgs	29.22	+ .39	41	41	+ .02	W	4	0	3	44	34	0.07			
†Mullaghmore ...	29.29	38	W.N.W.	8	Λ	29.32	+ .26	42	40	0	W.S.W.	7	hph	7	43	36	0.58			
Donaghadee ...	29.20	38	W.S.W.	7	C	29.32	+ .34	35	34	- .02	W	5	6C	3	38	33	0.11			
Parsonstown ...	29.44	39	W	2	C	29.49	+ .21	35	35	+ .01	W.S.W.	2	6C	*	39	33	0.26			
Barrow-in-Furness...	29.42	42	W.S.W.	8	0	29.32	+ .37	40	38	- .01	W.S.W.	5	6C	6	42	37	0.03			
†Holyhead ...	29.31	41	W	8	0	29.42	+ .33	43	40	+ .03	W.S.W.	4	0	4	43	39	0.01			
Liverpool (Bidston)	29.22	40	W.S.W.	7	6C	29.39	+ .39	40	37	0	W.S.W.	5	6C	5	42	39	0.01			
†Valencia ...	29.61	42	W	6	eqp	29.55	+ .09	44	43	+ .02	W.N.W.	3	0	4	46	38	0.28			
Roche's Point...	29.57	40	W.N.W.	5	6C	29.55	+ .14	40	38	+ .02	W	4	6C	4	43	37	-			
Pembroke ...	29.48	44	W.N.W.	8	6C	29.51	+ .27	46	42	+ .03	W	7	6C	5	46	41	-			
†Scilly ...																				
Prawle Point ...	29.63	42	W	7	6	29.66	+ .23	43	41	+ .01	W	4	6C	3	45	38	0.22			
Hurst Castle ...	29.55	44	W.N.W.	7	6	29.62	+ .28	42	41	- .01	N.W.	5	6	5	45	41	0.02			
†Dover ...	29.51	40	W	5	6	29.57	+ .40	40	38	0	W	4	6	3	44	37	-			
†London ...	29.45	39	W.N.W.	5	6	29.53	+ .08	37	35	- .02	W	3	6	*	44	35	-			
Oxford ...	29.48	39	W	4	6C	29.54	+ .35	38	35	0	W.S.W.	4	6	*	43	37	-			
Cambridge ...	29.40	38	Sw	2	6	29.46	+ .33	35	34	- .03	Sw	2	6	*	42	34	-			
†Yarmouth ...	29.30	38	W.S.W.	5	6Cq	29.42	+ .45	37	35	0	W.S.W.	4	6	3	41	34	-			
The Helder ...	29.27	42	W.S.W.	8	C	29.37	+ .64	42	39	+ .05	W.S.W.	7	0	4	43	37	0.12			
Cape Gris Nez ...	29.56	45	W	9	6	29.59	+ .47	44	41	0	W.N.W.	8	0	7	55	41	-			
†Jersey ...	29.73	47	W	7	6C	29.73	+ .23	46	44	0	W	5	6C	5	49	41	0.52			
Brest ...	29.83	43	N.W.	7	0	29.78	+ .18	48	45	- .02	W.N.W.	4	0	3	50	45	-			
Lorient ...	29.04	46	N.W.	7	Λ	29.76	+ .14	48	44	- .03	W	5	0	5	54	44	0.08			
†Rochefort ...	?	50	?	7	0	29.88	+ .15	48	47	- .01	W	3	0	2	57	43	0.12			
Biarritz ...	30.04	54	W	7	Λ	29.90	- .09	51	48	- .03	W.S.W.	4	Λ	6	57	48	0.35			
†Corunna ...	*	*	*	*	*	29.93	- .07	58	*	0	Sw	4	op	5	*	*	*			
Brussels ...	*	*	*	*	*	29.61	-	38	37	-	Sw	5	C	*	54	36	0.04			
Charleville ...	29.76	40	E	7	6	29.77	+ .52	38	36	- .11	W	7	0	*	52	27	0.35			
Paris ...	29.76	43	W.S.W.	3	6	29.77	+ .40	41	39	- .14	W.S.W.	3	6C	*	*	*	0.08			
Lyons ...	29.95	48	W	1	6C	29.96	+ .05	40	39	- .03	E	1	0	*	49	37	0.08			
Toulon ...	29.97	51	W.S.W.	5	0	29.89	- .16	48	42	0	W	4	6	3	52	46	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	27.84	38	W	9	9	28.06	+ .38	34	33	+ .01	W	8	0	*	34	31	0.23			

## HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	27.84	33	W	9	9	28.06	+ .38	34	33	+ .01	W	8	0	34	31	0.23
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudeanaes ...	28.35	43	41	SSW	2	0	Valencia ...						
Sumburgh Head ...							Scilly ...						
Stornoway ...							Dover ...						
Aberdeen ...							London ...						*
Shields ...							Yarmouth ...						
Ardrossan ...							Jersey ...						
Mullaghmore ...							Rochefort ...	29.88	52	49	N.W.	7	C
Holyhead ...													

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).  
 § Received too late for insertion in charts.





# DAILY WEATHER REPORT

F O R

TUESDAY, 20<sup>TH</sup> DECEMBER,

1881.

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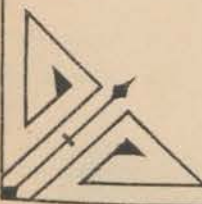
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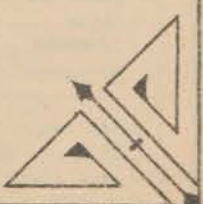
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ROBERT H. SCOTT

(SECRETARY.)



*Fred.<sup>r</sup> Dangerefield, Lich. 22 Bedford St. Court Garden.*



# WEATHER CHARTS

for 8 a.m. on TUESDAY 20 DECEMBER. 1887

## BAROMETER, WIND & SEA

### Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer 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.

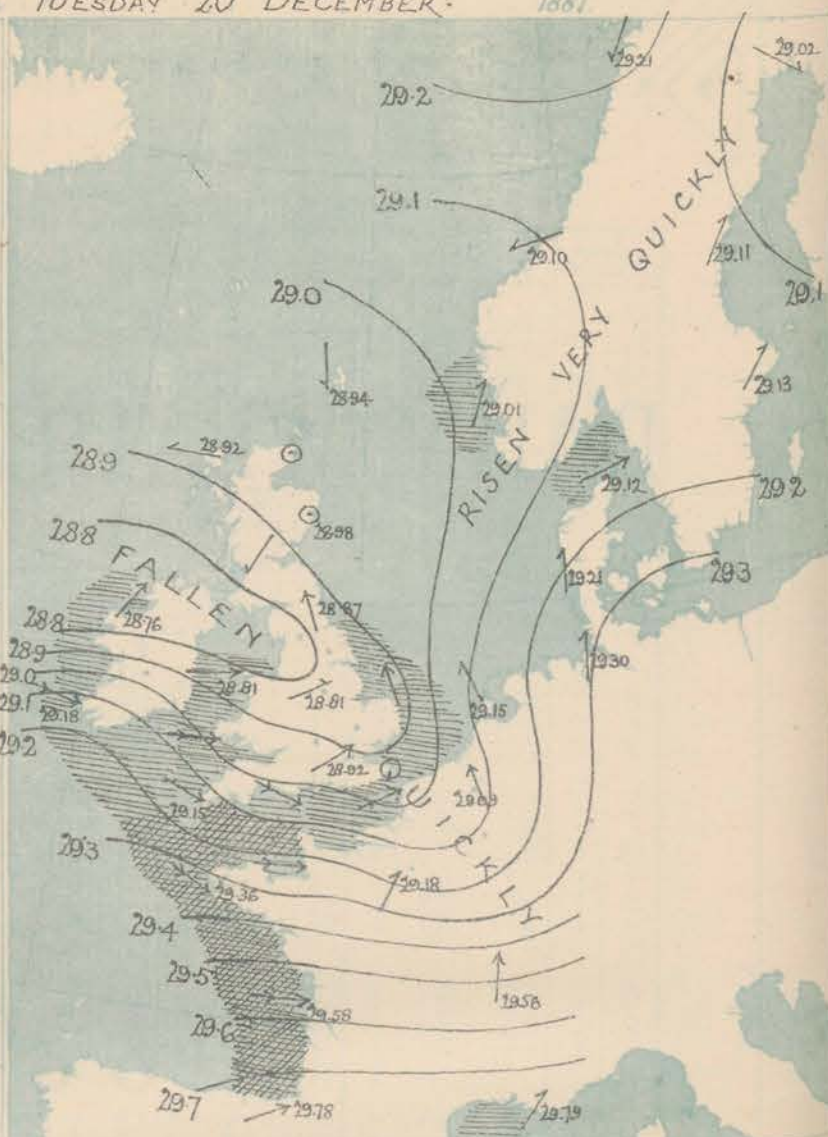
Sea Disturbance, when considerable, is shown by shading round the coast, thus:   
 — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of December

Stations.	Mean Readings. In.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenock	29.791
Holyhead	29.837
Valentia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words. Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m. 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 AND RAINFALL

for the month of December

Stations	Temp	Rain-fall
Scrubburgh Head	41.2	3.32
Sarnoway	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.87
Mullaghmore	42.0	7
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valentia	48.6	6.22
Sally (St. Mary's)	40.7	9.02
Burst Castle	43.2	7
Dover	41.0	3.64
LONDON	41.0	3.18
Yarmouth	40.3	3.42

\* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Tuesday 20<sup>th</sup> DEC<sup>r</sup> 1881 at 8 a.m

During the past night a further brisk fall of the barometer has occurred over these islands and France, while a rapid increase has taken place over Scandinavia. Two depressions have appeared over us, the centre of the larger one lying over Lancashire, and of the smaller one over Norfolk, while both seem to be travelling in an E<sup>ly</sup> or ESE<sup>ly</sup> direction. They have occasioned at the same time very uniform pressures over the northern and very steep gradients over the southern parts of our area, so that while light and variable breezes prevail over Scotland and Norway strong SE<sup>ly</sup> winds are reported from our east coast, and fresh to strong W<sup>ly</sup> gales are experienced over Ireland, Wales, the south of England and France. Temperature has fallen quickly in Scotland, and sharp frost prevails there, but in most other places a rise has occurred; readings range at present from 46° at Jersey to 26° at Wick, while during last night the thermometer fell to 25° at Wick and Aberdeen. The weather varies considerably, clear skies being reported from the south-east of England, the north-west of France and parts of Scotland, while in other places the weather is dull and rainy. Heavy rain has fallen in the south and west. The sea is very rough in the S.W., and off the south of Norway.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

21<sup>st</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Light or moderate breezes, direction probably E <sup>ly</sup> ; fair, some fog.
1 SCOTLAND EAST	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
2 ENGLAND N.E.	SE <sup>ly</sup> to E <sup>ly</sup> strong, squally winds, heavy rain.
3 ENGLAND EAST	W <sup>ly</sup> and NW <sup>ly</sup> strong, squally winds; unsettled, showery.
4 MIDLAND COUNTIES	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
5 ENGLAND SOUTH	W <sup>ly</sup> gales and strong winds; unsettled, squally, showery.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Variable squally winds; fair but fog or mist.
7 ENGLAND N.W.	SW <sup>ly</sup> and NW <sup>ly</sup> strong winds and gales; heavy showers.
8 ENGLAND S.W.	Heavy W <sup>ly</sup> gales, slowly subsiding, showery.
9 IRELAND NORTH	Same as No 7.
10 IRELAND SOUTH	Same as No 7.
WARNINGS	The S. cone was hoisted last evening in districts Nos 5, and 7 to 10.



# METEOROLOGICAL OBSERVATIONS FOR

20<sup>th</sup> DEC.

1881.

YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sec. (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	28.36	12	2	0	0	29.02	-	19	18	-	NW	2	0	*	29	10	0.24		
Hernösand	28.79	26	2	0	f	29.11	+ .50	21	23	- 6	SW	2	0	*	36	?	-		
Stockholm	28.99	36	SSW	4	c	29.13	+ .31	36	38	0	SW	4	0	*	37	34	-		
Wisby														*					
Bodö	28.82	31	W	4	0	29.21	+ .69	28	25	- 1	NNE	2	c	1	?	25	-		
Christiansund	28.86	36	SE	1	bc	29.10	+ .65	35	32	- 2	ENE	3	bc	3	?	25	0.16		
†Skudesnaes	28.91	39	W	2	bc	29.01	+ .32	38	37	+ 2	SEW	2	bc	5	41	36	-		
Oxö (Århusund)	28.95	39	W	6	b	29.05	+ .37	37	37	0	WNW	1	bc	3	39	?	0.08		
Skagen (The Skaw)	29.02	39	msw	4	b	29.12	+ .71	35	35	- 3	WSW	5	bc	6	41	34	0.08		
Fanö	29.27	39	WSW	4	b	29.21	+ .17	36	36	- 5	S	4	b	*	41	36	0.08		
Cuxhaven	29.32	?	SW	6	0	29.20	+ .09	38	38	- 1	E	2	0	*	39	34	0.20		
†Sumburgh Head	28.93	37	W	2	c	28.94	+ .19	36	35	- 6	W	1	c	2	42	34	0.25		
†Stornoway	29.10	37	WNW	1	bc	28.92	- .10	35	33	- 2	E	1	bc	1	38	32	0.11		
Wick	29.07	35	W	3	bc	28.99	+ .04	26	25	- 9	W	0	0	2	38	25	-		
Nairn	29.11	36	WSW	?	b	28.95	- .07	28	27	- 8	W	0	bc	1	38	28	-		
†Aberdeen	29.14	34	W	1	b	28.98	- .05	27	26	- 11	SW	1	bc	2	40	25	-		
Leith	29.23	36	W	1	bc	28.89	- .25	36	34	- 1	SE	1	bc	*	39	33	0.04		
†Shields	29.27	38	W	3	bc	28.87	- .38	42	41	+ 5	SE	7	bc	4	42	33	0.01		
Spurn Head	29.37	38	WSW	4	b	28.87	- .44	41	41	+ 4	SE	5	bc	5	42	34	0.06		
York	29.27	37	W	1	b	28.84	- .49	37	36	- 1	E	2	bc	*	43	33	0.19		
Nottingham	29.46	37	WSW	3	b	28.81	- .67	37	37	+ 4	WSW	3	0	*	44	31	0.38		
†Ardrossan	29.26	40	SW	3	b	28.83	- .39	35	35	- 6	NE	3	bc	2	42	33	0.15		
†Mullaghmore	29.26	39	S	4	bc	28.76	- .56	40	39	- 2	SW	5	bc	5	43	38	0.25		
Donaghadee	29.33	34	W	3	b	28.75	- .57	37	36	+ 2	ENE	3	0	1	44	32	0.76		
Parsonstown	29.34	37	S	1	0	28.93	- .54	40	37	+ 5	W	4	c	*	42	34	0.33		
Barrow-in-Furness	29.35	41	WSW	4	bc	28.72	- .60	36	36	- 4	E	4	bc	4	44	35	0.20		
†Holyhead	29.39	42	SW	3	b	28.81	- .61	41	39	- 2	W	7	bc	6	45	36	0.95		
Liverpool (Bidston)	29.39	38	SW	2	b	28.74	- .65	39	38	- 1	WSW	6	bc	4	42	35	0.31		
†Valencia	29.27	46	SSW	5	bc	29.18	- .37	44	41	0	WNW	8	bc	6	49	38	0.45		
Roche's Point	29.21	45	WNW	5	bc	29.09	- .46	43	43	+ 3	W	5	c	5	47	40	0.60		
Pembroke	29.44	46	WSW	3	c	28.93	- .58	44	41	- 2	W	8	c	5	47	38	0.92		
†Scilly																			
Prawle Point	29.56	45	WSW	6	bc	29.11	- .55	41	40	- 2	WSW	8	c	7	50	40	0.31		
Hurst Castle	29.56	45	WNW	4	b	29.02	- .60	42	40	0	WNW	8	bc	6	48	42	0.28		
†Dover	29.57	43	W	3	b	28.91	- .66	45	44	+ 5	WSW	6	bc	4	46	39	0.22		
†London	29.56	41	WSW	2	cd	28.92	- .61	41	39	+ 4	WSW	5	bc	*	46	36	0.27		
Oxford	29.48	41	W	4	bc	28.91	- .63	40	38	+ 2	SW	6	bc	*	44	38	0.43		
Cambridge	29.48	39	SW	1	b	28.82	- .64	42	41	+ 7	SW	1	bc	*	44	34	0.34		
†Yarmouth	29.47	39	WSW	3	b	28.86	- .56	42	41	+ 5	SSE	6	bc	5	42	35	0.20		
The Helder	29.45	41	WSW	4	bc	29.15	- .22	39	39	- 3	SSE	3	c	2	43	39	-		
Cape Gris Nez	29.60	45	WSW	7	bc	28.99	- .60	43	42	- 1	WSW	9	bc	7	48	43	0.47		
†Jersey	29.66	48	SW	4	bc	29.22	- .51	46	42	0	W	10	bc	8	50	43	0.26		
Brest	29.68	51	W	5	b	29.06	- .42	43	43	0	WNW	9	bc	7	?	45	0.20		
Lorient	29.67	49	WSW	3	0	29.43	- .33	50	43	+ 2	WNW	9	c	8	52	39	0.12		
†Roche fort	29.79	49	SSW	4	0	29.58	- .30	54	51	+ 6	W	12	0	4	54	41	0.32		
Biarritz	29.85	56	SW	9	bc	29.78	- .12	59	54	+ 8	WSW	7	bc	6	?	46	0.59		
†Corunna	*	*	*	*	*	29.97	+ .04	56	*	- 2	W	2	0	5	*	*	*		
Brussels	*	*	*	*	*	29.09	- .52	40	38	+ 2	SSE	5	0	*	43	37	0.04		
Charleville	29.70	39	SW	1	b	29.35	- .42	39	37	+ 1	SE	7	0	*	43	34	-		
Paris	29.75	43	?	?	b	29.18	- .57	46	45	+ 5	SSW	3	bc	*	*	*	0.08		
Lyons	29.89	44	W	0	b	29.56	- .40	42	41	+ 2	S	7	bc	*	48	35	0.04		
Toulon	29.31	46	W	5	b	29.79	- .10	49	48	+ 1	SW	3	0	5	55	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.10	34	W	4	bc	27.58	- .52	32	31	- 2	ENE	4	bc	*	35	?	0.15		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	28.82	41	39	W	6	0	5	Valencia ...	29.47	46	45	SW	2	comp	3
Sumburgh Head	28.87	39	37	WNW	3	bc	2	Scilly ...							
Stornoway ...	29.09	37	36	WNW	4	c	4	Dover ..	29.57	44	42	W	5	b	4
Aberdeen ...	29.11	39	36	WSW	1	b	2	London ...	29.56	45	42	W	3	b	*
Shields ...	29.26	41	38	W	4	b	2	Yarmouth ...	29.45	41	38	W	4	b	3
Ardrossan ...	29.26	39	39	WSW	2	x	2	Jersey ...	29.70	48	46	WSW	4	b	5
Mullaghmore ...	29.36	41	39	WSW	5	bc	5	Roche fort ...	29.82	50	50	SW	4	0	2
Holyhead ...	29.43	45	41	SW	4	bc	3								

Pressure continues to give way at Valencia with a SW<sup>ly</sup> breeze and showers, but elsewhere the mercury still rises and the weather is fine with W<sup>ly</sup> breezes.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).  
 § Received too late for insertion in Charts





# DAILY WEATHER REPORT

F O R

WEDNESDAY 21<sup>ST</sup> DECEMBER.

1881.

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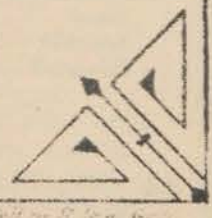
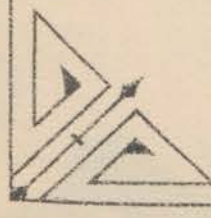
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ROBERT H. SCOTT

(SECRETARY.)

Printed by D. B. Colver, 11, St. Dunstons Lane, E.C. 4.



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 21<sup>st</sup> DEC<sup>r</sup> 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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.

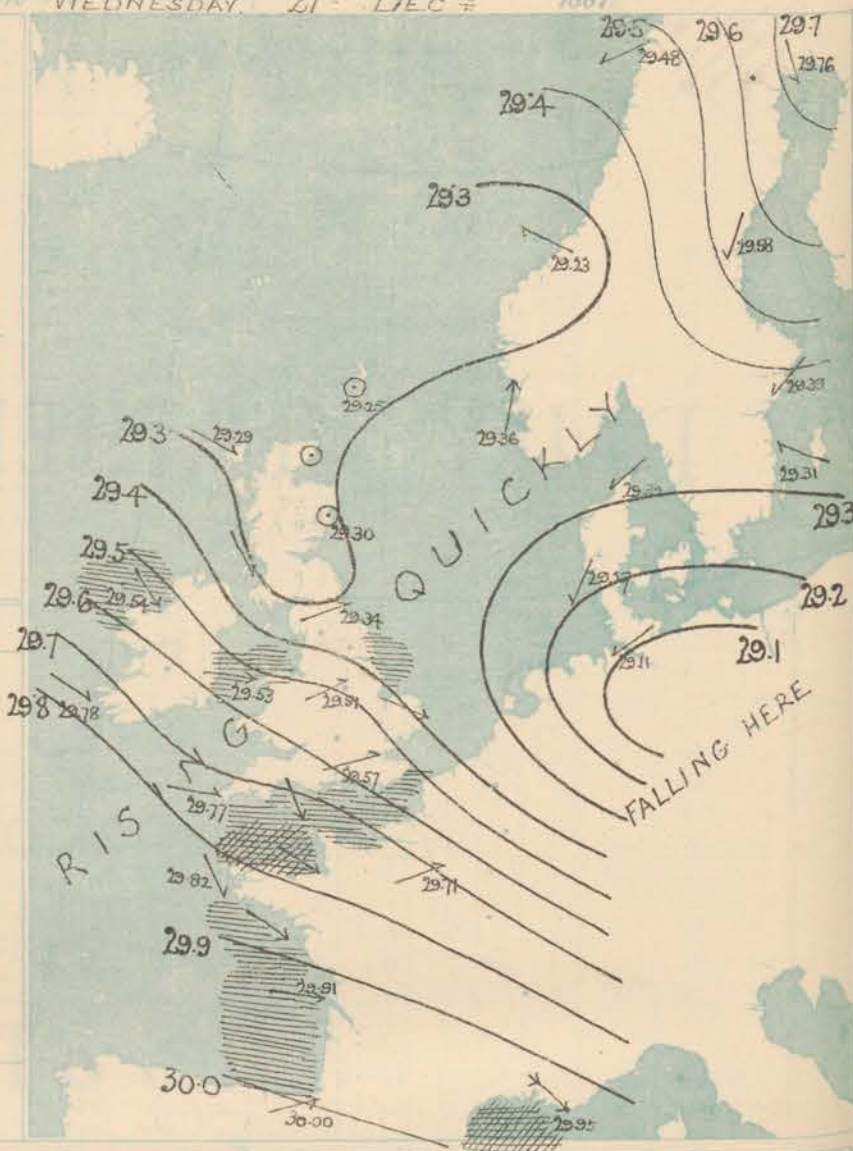
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

## MEAN\* HEIGHT of the BAROMETER

for the month of December

Stations.	Mean Readings.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.857
Ardrossan	29.864
Greenock	29.791
Holyhead	29.897
Valencia	29.860
Rochester	29.837
Plymouth	29.831
LONDON	29.916
Yarmouth	29.881

\* These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

AND RAINFALL.

for the month of December

Stations	Temp.	Rain-fall
Simburgh Head	41.2	3.32
Scarborough	41.5	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	40.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	3.08
Valencia	43.6	6.22
Sally (St. Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Wormouth	40.3	3.92

\* The mean Temperatures are those for the 13 years 1867-80; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for WEDNESDAY 21<sup>st</sup> DEC<sup>r</sup> 1891 at 8 a.m.

(During the past night the depression which yesterday morning lay over the Irish Sea has passed quickly eastward across England and the North Sea, and now has its centre over North Germany, the lowest reading being reported from Buchhaven, 29.11 ins. In addition to this depression there is a large shallow area of low pressure over Scotland and the west of Norway, while anticyclones are reported from the north of Scandinavia, and from the S.W. of France. The barometer is rising over the whole of Western Europe, the change being greatest in the north of Ireland. The wind blew a severe gale from W. and W.N.W. over our western and southern stations, the Channel and north of France last night, and though this has now subsided strong and squally winds from the same quarter are still reported except in Scotland. The weather is fine at the majority of English and Irish stations, but is cloudy elsewhere with showers of rain in some places and snow at Stockholm. During the past 24 hours heavy rain has fallen except in the N.E. while thunder occurred at Jersey. Temperature has fallen except in Scotland & readings range from 41° in the S.W. to 28° at Aberdeen. Sea is rough in the W. and S.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

22<sup>nd</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Light breezes, becoming NW <sup>2</sup> ; rather cloudy and cold, some showers.
2 SCOTLAND EAST	----- D° ----- D° ----- D° -----
3 ENGLAND N.E.	W <sup>2</sup> to NW <sup>2</sup> breezes, moderate; some showers.
4 ENGLAND EAST	Same as N° 5.
5 MIDLAND COUNTIES	Same as N° 5.
6 ENGLAND SOUTH	NW <sup>2</sup> breezes, backing to W. or SW., squally and increasing; fine then showery.

### DISTRICTS

### FORECASTS

7 SCOTLAND WEST	Same as N° 0 and 1.
8 ENGLAND W.W.	Strong W <sup>2</sup> winds, backing somewhat; fine at first, then unsettled and showery.
9 ENGLAND S.W.	Strong to moderate W <sup>2</sup> winds; cloudy, showery.
10 IRELAND NORTH	NW <sup>2</sup> winds, moderate and fresh, then backing and increasing; fine to squally, showery and rough.
10 IRELAND SOUTH	----- D° ----- D° ----- D° -----
WARNINGS	The south cone still flies in districts N° 5. and 7 to 10.



## METEOROLOGICAL OBSERVATIONS FOR

21<sup>st</sup> DEC.

1881.

† 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 ...	29.59	-2	N	2	b	29.76	+ .74	-12	-12	-31	N	2	b	*	19	?	-		
Hernösand ...	29.49	21	N	2	o	29.58	+ .47	20	19	-4	NE	4	o	*	27	19	-		
Stockholm ...	29.32	33	S	2	b	29.39	+ .26	33	33	-3	ENE	2	s	*	41	30	0.04		
Wisby ...	29.28	36	SSW	4	c	29.31		35	33		SE	4	a	*	46	34	0.12		
Bodö ...	29.41	21	ENE	2	b	29.48	+ .27	22	21	-6	ENE	4	b	2	28	18	-		
Christiansund...	29.13	31	E	4	b	29.23	+ .13	35	34	0	ESE	3	c	3	36	19	-		
†Skudesnaes ...	29.17	39	SE	4	bc	29.36	+ .35	37	35	-1	SSW	6	c	4	?	?	-		
Oxö (Kristiansund) ...	29.19	33	NNE	6	o	29.36	+ .31	31	30	-6	NNE	4	o	3	37	30	-		
Skagen (The Skaw) ...	29.21	35	NW	3	b	29.32	+ .20	36	35	+1	ENE	3	c	2	39	32	0.28		
Fanö ...	29.11	35	E	4	o	29.27	+ .06	34	33	-2	NE	4	o	*	37	34	-		
Cuxhaven ...	29.03	?	ESE	4	o	29.11	- .19	38	38	0	ESE	4	o	*	?	34	0.06		
†Sumburgh Head ...	29.05	36	Zo	0	b	29.25	+ .31	38	35	+2	Zo	0	c	1	38	32	0.09		
†Stornoway ...	29.01	34	E	1	b	29.29	+ .37	36	35	+1	WNW	2	o	2	37	30	-		
Wick ...	29.12	28	NW	1	b	29.29	+ .30	39	36	+13	SW	1	o	2	40	26	-		
Nairn ...	29.07	28	Zo	0	b	29.28	+ .33	31	30	+3	Zo	0	o	1	31	27	-		
†Aberdeen ...	29.08	31	SW	1	cm	29.30	+ .32	28	27	+1	Zo	0	of	2	35	25	-		
Leith ...	29.03	40	E	1	c	29.22	+ .33	37	36	+1	SE	1	bc	*	42	34	-		
†Shields ...	28.92	40	SE	2	o	29.34	+ .47	39	37	-3	WSW	2	cm	3	43	37	0.25		
Spurn Head ...	28.86	38	WNW	4	o	29.36	+ .49	39	38	-2	WNW	5	op	5	42	35	0.47		
York ...	29.89	34	ESE	1	m	29.42	+ .58	37	36	0	W	1	c	*	37	33	0.38		
Nottingham ...	29.00	39	WSW	1	a	29.51	+ .70	39	37	+2	WSW	2	c	*	45	36	0.10		
†Ardrossan ...	29.02	39	ENE	2	af	29.30	+ .47	39	39	+4	NW	1	of	1	41	34	0.29		
†Mullaghmore ...	29.08	44	NW	8	o	29.54	+ .78	43	39	+3	NW	7	o	6	44	39	0.28		
Donaghadee ...	29.06	38	NW	3	o	29.42	+ .67	38	36	+1	WNW	6	c	4	40	34	0.31		
Parsonstown ...	29.27	40	W	3	c	29.69	+ .74	34	32	-6	W	1	bc	*	42	33	0.24		
Barrow-in-Furness...	28.95	35	WNW	2	bc	29.40	+ .68	42	38	+6	NW	4	bcg	4	42	35	0.32		
†Holyhead ...	29.01	44	W	8	af	29.53	+ .72	41	38	0	W	7	b	6	44	40	0.08		
Liverpool (Bidston) ...	28.94	39	WNW	5	a	29.47	+ .73	40	38	+1	WSW	6	b	5	42	38	0.57		
†Valencia ...	29.50	49	WNW	6	c	29.78	+ .60	40	33	-4	WNW	2	bcg	2	47	38	0.30		
Roche's Point...	29.38	39	WNW	7	a	29.70	+ .61	38	36	-5	WNW	5	b	4	46	36	0.18		
Pembroke ...																			
†Scilly ...																			
Prawle Point ...	29.39	44	W	8	b	29.72	+ .61	39	38	-2	WNW	5	c	6	45	38	0.09		
Hurst Castle ...	29.22	45	WNW	9	b	29.63	+ .61	40	38	-2	NW	6	b	6	46	38	0.02		
†Dover ...	30.13	42	W	5	b	29.50	+ .59	40	38	-5	WNW	5	bc	3	46	39	-		
†London ...	29.10	41	W	5	b	29.57	+ .65	38	35	-3	WSW	1	b	*	45	38	0.05		
Oxford ...	29.57	38	W	6	b	29.57	+ .66	37	35	-3	WSW	4	b	*	44	37	0.05		
Cambridge ...	29.01	40	WSW	4	a	29.52	+ .70	38	36	-4	W	1	o	*	45	36	0.20		
†Yarmouth ...	28.92	41	WSW	5	bcg	29.38	+ .52	39	38	-3	WNW	5	a	4	43	36	0.27		
†The Helder ...	28.95	42	SW	5	a	29.17	+ .02	40	39	+1	NE	3	bc	3	43	36	0.35		
Cape Gris Nez ...	29.18	45	W	9	b	29.57	+ .58	42	40	-1	WNW	9	c	7	52	41	0.04		
†Jersey ...	29.46	46	W	10	b	29.75	+ .53	46	42	0	WNW	6	bcu	7	48	41	0.26		
Brest ...	29.67	46	NW	8	a	29.82	+ .46	47	45	-1	NW	4	o	4	48	41	0.16		
Lorient ...	29.74	49	WNW	9	a	29.83	+ .40	45	43	-5	WNW	5	c	5	52	39	0.02		
†Rochefort ...	29.77	52	WNW	12	c	29.91	+ .33	50	46	-4	W	5	o	3	57	43	0.08		
Biarritz ...	30.00	55	WNW	8	c	30.00	+ .22	54	50	-5	WSW	5	a	6	59	48	0.24		
†Corunna ...	*	*	*	*	*	29.79	+ .18	54	*	-2	SW	1	op	7	*	*	*		
†Brussels ...	*	*	*	*	*	29.32	+ .23	39	38	-1	W	9	a	*	46	39	0.43		
Charleville ...	?	41	*	*	o	?	?	41	37	+2	?	8	o	*	48	?	0.28		
Paris ...	29.49	42	WSW	7	b	29.71	+ .53	41	38	-5	WSW	3	b	*	*	*	0.12		
Lyons ...																			
Toulon ...	29.76	53	NW	8	b	29.95	+ .16	44	40	-5	NW	8	bc	7	55	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.69	32	E	1	s	28.14	+ .56	34	33	+2	W	3	o	*	34	30	0.54		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudeanaes ...	29.06	40	37	SSE	4	c	Valencia ...	29.35	45	42	WNW	8	cgh	7
Sumburgh Head ...	29.00	36	35	Zo	0	b	Scilly ...							
Stornoway ...	28.99	36	34	E	2	bc	Dover ..	29.05	43	39	W	7	cph	6
Aberdeen ...	28.99	32	31	WSW	1	bcm	London ...	29.04	44	41	W	6	bcg	*
Shields ...	28.83	43	42	SE	5	o	Yarmouth ...	28.84	42	39	WSW	6	opg	4
Ardrossan ...	28.88	39	39	ESE	3	o	Jersey ...	29.40	44	42	WNW	9	bc	8
Mullaghmore ...	28.87	43	42	NW	1	bc	Rocheport ...	29.77	50	46	WNW	12	c	3
Holyhead ...	28.91	42	40	W	8	pgu								

Pressure is increasing except on our E. coast and the depressions are apparently passing away over the North Sea. The weather is fair on the whole, but showers are reported in a few places and the wind in the S. & E. is still strong.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
\* AN ASTERISK is inserted in all places for which information is not usually received.  
† The evening observations are taken at 6 p.m. in our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Received too late for insertion in charts.





# DAILY WEATHER REPORT

F O R

THURSDAY, 22<sup>ND</sup> DECEMBER,

1881.

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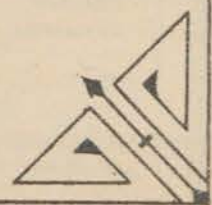
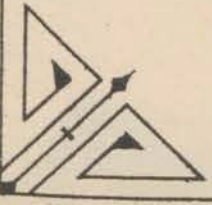
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METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT  
(SECRETARY.)

*Fredk. Dingerli Id. Lith. 22, Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on Thursday 22<sup>ND</sup> DECEMBER, 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

Barometer Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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.

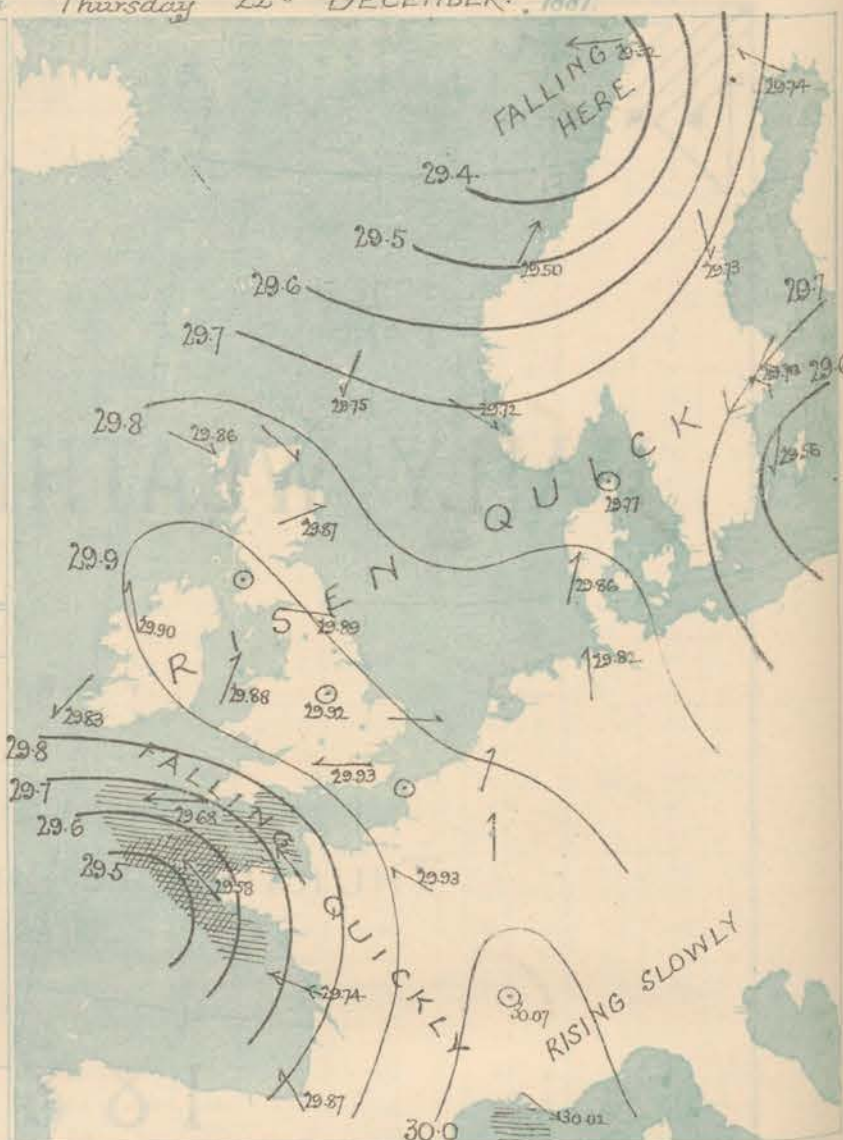
Sea Disturbance, where considerable, is shown by shading round the coast, thus: - Rough; - High.

## MEAN\* HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings In.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greencastle	29.791
Holyhead	29.831
Valencia	29.866
Roches Pt.	29.837
Plymouth	29.892
LONDON	29.916
Yarmouth	29.881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

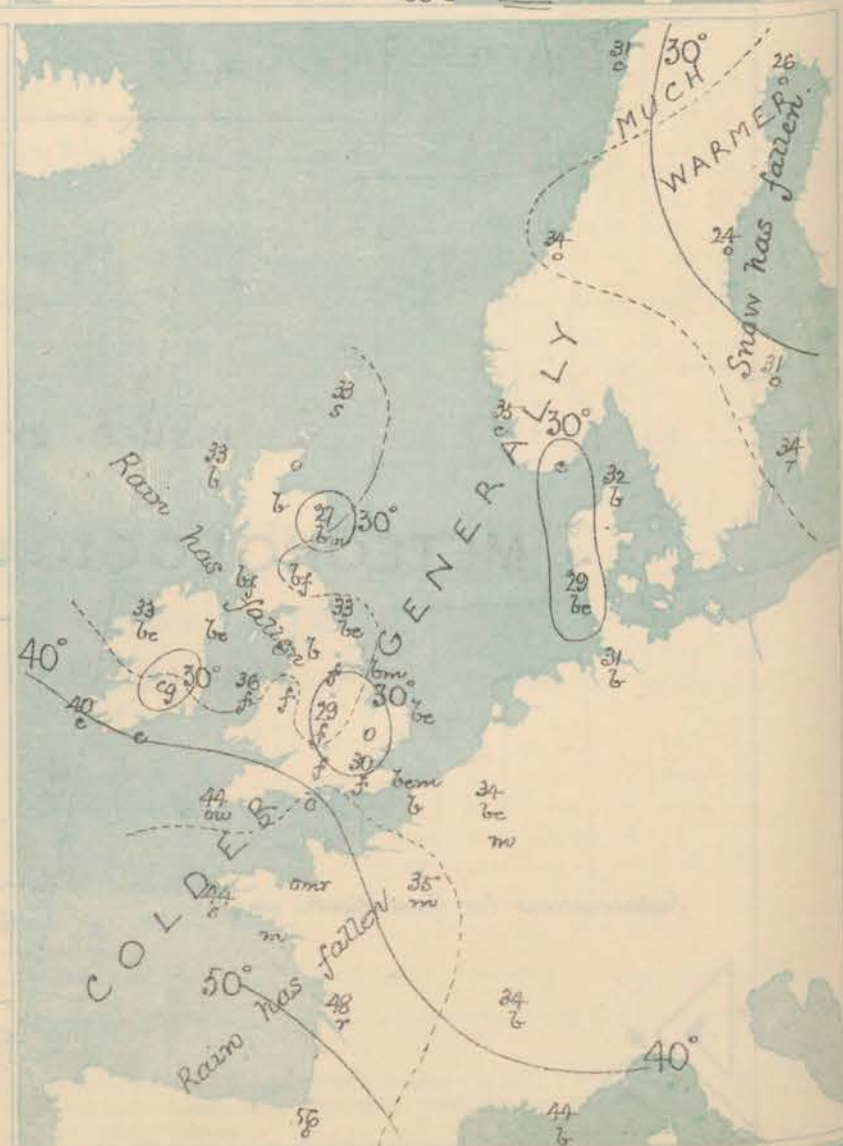
Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL.

for the month of December

Stations	Temp	Rain-fall
Sumburgh Head	41.2	3.32
Suttonby	41.1	8.09
Aberdeen	39.5	2.96
Shetland	39.7	2.70
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Paramstown	42.6	5.08
Valencia	43.5	8.22
Sally (St Mary's)	48.7	4.02
Hurst Castle	43.2	?
Dover	41.0	8.54
LONDON	41.0	2.19
Weymouth	40.3	3.42

\* The mean Temperature are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Thursday 22<sup>nd</sup> DEC<sup>r</sup> 1881, at 8 a.m.

A very sudden change has occurred in the distribution of pressure since the time of our last report. The depression which yesterday lay over North Germany has disappeared eastward, while that which was shown over Scotland has travelled northward to the neighbourhood of Bodø, the barometer at the same time having risen briskly over the whole of the more northern and eastern parts of our area. In France, however, and on our south-west coast, the mercury is falling fast and a deep depression is approaching Brittany from the Atlantic. Over Ireland, Scotland, and the greater part of England pressure is moderately high and uniform, and light breezes, generally from NW and W, prevail with dry and fair weather, though with much fog over Central England, but in the west of France hard SE<sup>ly</sup> gales are blowing, and in Devon and Cornwall strong E<sup>ly</sup> winds. Rain and snow are reported from the north-west of France, and dull weather from our SW coast. Temperature has fallen<sup>d</sup> ranges from 45° at Prawle Point to 27° at Aberdeen. Slight frost was experienced at most of the inland and N<sup>o</sup> stations last night the minima being 26° at Aberdeen, 27° at Nottingham and 28° at Parnostown and in London. Sea is very rough at the mouth of the Channel.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

23<sup>rd</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

Light W<sup>ly</sup> breezes or calms; fair, some fog.

2 SCOTLAND EAST

-----D°-----D°-----D°-----

3 ENGLAND N.E.

Calms or variable E<sup>ly</sup> breezes; foggy, cold.

4 ENGLAND EAST

Same as N° 5.

5 MIDLAND COUNTIES

Same as N° 5.

6 ENGLAND SOUTH

E<sup>ly</sup> winds, increasing considerably; fog clearing, weather temporarily fine, then snow or sleet, cold, frosty.

### DISTRICTS

### FORECASTS

7 SCOTLAND WEST

Calms to SE<sup>ly</sup> breezes, light; fair, foggy, cold.

8 ENGLAND N.W.

SE<sup>ly</sup> breezes, light; fair, foggy, cold.

9 ENGLAND S.W.

E<sup>ly</sup> gales and strong winds; sleet or snow.

10 IRELAND NORTH

SE<sup>ly</sup> to SW<sup>ly</sup> breezes, light; fair.

11 IRELAND SOUTH

E<sup>ly</sup> or NE<sup>ly</sup> breezes, strong; cloudy and cold but fair.

### WARNINGS

The south cone (for E<sup>ly</sup> gale) has been hoisted in district 8, and part of 5 this morning.



# METEOROLOGICAL OBSERVATIONS FOR

22<sup>nd</sup> Dec. 1881.

† 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.			
			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 ...	29.74	7	NE	2	S	29.74	- 0.1	26	25	+ 58	SE	2	0	*	?	-15	0.08			
Hernösand ...	29.68	12	N	4	O	29.73	+ 1.5	24	22	+ 4	N	2	0	*	?	18	0.08			
Stockholm ...	29.54	32	NE	2	S	29.70	+ 3.1	31	31	- 2	NE	2	0	*	37	30	0.24			
Wisby ...	29.40	33	NE	4	O	29.56	+ 2.5	34	34	- 1	NNE	4	2	*	36	32	0.12			
Bodö ...	29.45	25	E NE	9	b	29.32	- 1.6	31	28	+ 9	E	6	c	3	?	21	-			
Christiansund...	29.35	37	SSE	4	c	29.50	+ 2.7	34	32	- 1	SW	9	0	4	37	25	0.08			
†Skudesnaes ...	29.58	39	SSE	6	O	29.72	+ 3.6	35	35	- 2	NW	2	c	4	39	?	-			
Örö (Klansund) ...	29.62	29	NNW	2	b	29.75	+ 3.9	27	26	- 4	NNW	2	c	2	?	23	-			
Skagen (The Skaw)	29.60	26	NE	3	O	29.77	+ 4.5	32	31	- 4	W	0	b	1	36	30	-			
Panö ...	29.70	30	NNW	1	b	29.86	+ 5.9	29	29	- 5	SSW	1	b	*	36	27	-			
Cuxhaven ...	29.49	?	N	2	b	29.82	+ 7.1	31	30	- 7	S	1	b	*	?	28	-			
†Sumburgh Head	29.39	39	WNW	4	b	29.75	+ 5.0	33	33	- 8	NNE	4	S	4	41	32	0.08			
†Stornoway ...	29.58	35	WNW	2	b	29.86	+ 5.7	33	32	- 3	WNW	2	b	2	39	30	0.15			
Wick ...	29.58	33	NW	1	b	29.85	+ 5.6	33	32	- 6	NW	2	0	2	39	31	0.02			
Nairn ...	29.58	32	W	0	b	29.86	+ 5.8	31	30	0	SW	1	b	1	36	30	0.05			
†Aberdeen ...	29.58	37	NW	2	b	29.87	+ 5.7	29	26	- 1	WSW	1	b	1	37	26	0.03			
Leith ...	29.61	37	NW	1	b	29.89	+ 6.7	33	32	- 4	NW	1	b	*	41	30	-			
†Shields ...	29.58	39	WNW	5	O	29.89	+ 5.5	33	32	- 6	W	2	b	2	40	31	0.01			
Spurn Head ...	29.60	40	W	6	b	29.88	+ 5.2	36	35	- 3	WNW	3	b	4	42	34	-			
York ...	29.54	38	W	2	b	29.91	+ 4.9	30	30	- 7	W	0	f	*	43	29	-			
Nottingham ...	29.81	35	WSW	2	b	29.92	+ 4.1	29	29	- 10	W	0	f	*	44	27	0.02			
†Ardrossan ...	29.69	36	W	0	b	29.91	+ 6.1	34	34	- 5	W	0	b	0	42	31	0.07			
†Mullaghmore ...	29.76	40	SW	4	c	29.90	+ 3.6	33	33	- 10	SSE	1	b	4	43	29	0.05			
Donaghadee ...	29.75	36	WNW	3	b	29.91	+ 4.9	31	31	- 7	WNW	2	b	0	41	29	0.03			
Parsonstown ...	29.85	34	SE	1	b	29.90	+ 2.1	29	28	- 5	W	0	c	*	41	28	-			
Barrow-in-Furness	29.71	39	WNW	4	b	29.92	+ 5.8	34	33	- 8	NE	2	c	3	43	33	0.09			
†Holyhead ...	29.79	42	W	5	b	29.88	+ 3.5	36	35	- 5	SSW	1	f	0	43	35	-			
Liverpool (Bidston)	29.75	41	W	5	m	29.90	+ 4.3	33	33	- 7	SE	1	f	2	43	33	0.02			
†Valencia ...	29.84	38	WNW	1	b	29.83	+ 0.5	40	37	0	NE	3	c	4	49	36	-			
Roche's Point...	29.85	37	W	1	b	29.81	+ 1.1	40	38	+ 2	E NE	4	c	4	46	34	-			
Pembroke ...																				
†Scilly ...																				
Prawle Point ...	29.88	38	WNW	2	b	29.74	+ 0.2	45	41	+ 6	ESE	6	0	5	47	36	-			
Hurst Castle ...	29.86	41	NW	3	b	29.84	+ 2.1	40	40	0	ESE	3	0	4	45	35	0.01			
†Dover ...	29.80	38	WNW	4	c	29.93	+ 4.3	36	35	- 4	NW	1	b	0	43	34	-			
†London ...	29.84	37	SW	2	b	29.93	+ 3.6	30	29	- 8	E	1	f	*	45	28	-			
Oxford ...	29.93	30	WNW	3	f	29.92	+ 3.5	30	30	- 7	W	0	f	*	44	30	-			
Cambridge ...	29.78	39	W	1	b	29.89	+ 3.7	30	29	- 8	SW	1	0	*	44	29	-			
†Yarmouth ...	29.69	39	WNW	4	b	29.90	+ 5.2	32	31	- 7	W	3	b	3	41	30	0.02			
The Helder ...																				
Cape Gris Nez	29.44	43	WNW	7	b	29.94	+ 3.7	37	36	- 5	WNW	1	b	3	48	34	-			
†Jersey ...	29.95	43	NW	1	b	29.78	+ 0.3	41	40	- 5	SE	5	0	5	48	40	0.05			
Brest ...	29.94	?	E NE	3	b	29.58	- 2.4	44	42	- 3	SE	7	3	7	48	43	0.32			
Lorient ...	29.89	45	E	1	b	29.56	- 2.7	45	44	0	SSE	8	m	6	48	39	0.35			
†Roche fort ...	29.98	49	W	1	O	29.74	- 1.7	43	47	- 2	ESE	9	2	4	63	43	0.35			
Biarritz ...	30.01	51	E	4	h	29.87	- 1.3	56	51	+ 2	SE	3	0	4	?	46	0.32			
Corunna ...	*	*	*	*	*			*						*	*	*				
Brussels ...	*	*	*	*	*	29.98	+ 6.6	34	33	- 5	SW	3	b	*	42	34	0.20			
Charleville ...	29.80	38	SW	4	b	29.98	?	30	28	- 11	S	4	m	*	43	27	-			
Paris ...	29.94	41	W	5	b	29.93	+ 2.2	35	33	- 6	ESE	1	m	*	*	*	-			
Lyons ...	30.03	43	N	1	c	30.07		34	33		NW	1	b	*	48	23	-			
Toulon ...	29.98	46	NW	8	b	30.02	+ 0.7	44	37	0	NW	7	b	5	52	?	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.42	33	W	3	b	28.64	+ 5.0	25	24	- 9	W	0	b	*	35	23	0.42			

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.42	33	W	3	b	28.64	+5.0	25	24	-9	W	0	b	35	23	0.12
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.48	39	35	SSE	4	0	4	Valencia ...	29.84	47	42	WNW	2	b	3
Sumburgh Head	29.29	40	37	WSW	3	0	2	Scilly ...							
Stornoway ...	29.49	39	37	WNW	2	b	2	Dover ..	29.70	43	42	WNW	4	b	3
Aberdeen ...	29.48	35	34	NNW	2	h	2	London ...	29.73	44	41	WNW	2	b	*
Shields ...	29.44	40	38	W	2	0	3	Yarmouth ...	29.58	41	39	WNW	5	b	4
Ardrossan ...	29.56	40	39	WNW	3	b	2	Jersey ...	29.88	47	43	WNW	3	b	4
Mullaghmore ...	29.69	43	39	WNW	6	b	5	Roche fort ...	29.97	51	48	WNW	4	0	2
Holyhead ..	29.71	42	39	W	6	b	5								

Pressure has continued to increase in all places since the morning, and W to NW winds prevail generally with fair weather.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

FOR

FRIDAY 23<sup>RD</sup> DEC<sup>R</sup>

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on FRIDAY 23<sup>rd</sup> DECEMBER.

## BAROMETER, WIND & SEA

### Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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.

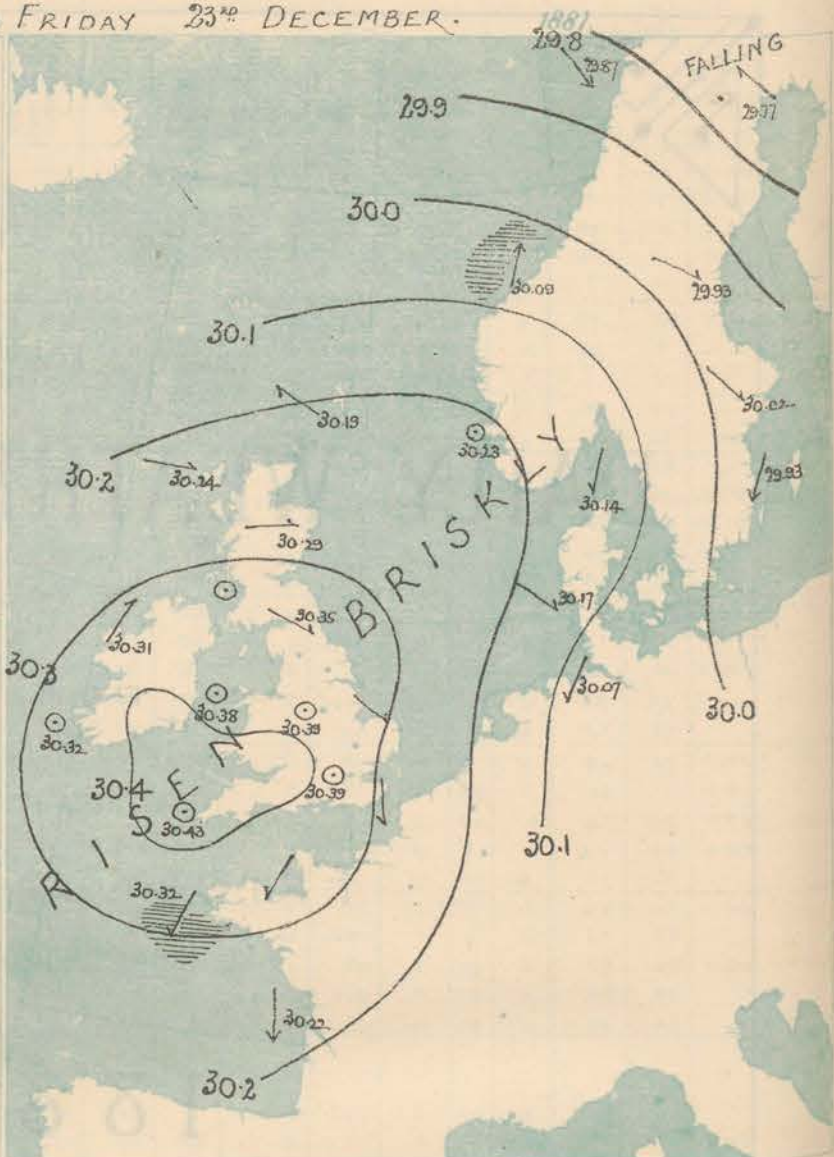
Sea Disturbance, where considerable, is shown by shading round the coast, thus

## MEAN HEIGHT of the BAROMETER

for the month of December

Stations.	Mean Readings.
Nairn	29.724
Aberdeen	29.740
Leith	29.787
Scarborough	29.837
Ardrossan	29.804
Greencastle	29.799
Holyhead	29.837
Valentia	29.866
Roche's Pt.	29.837
Plymouth	29.832
LONDON	29.916
Vermouth	29.881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

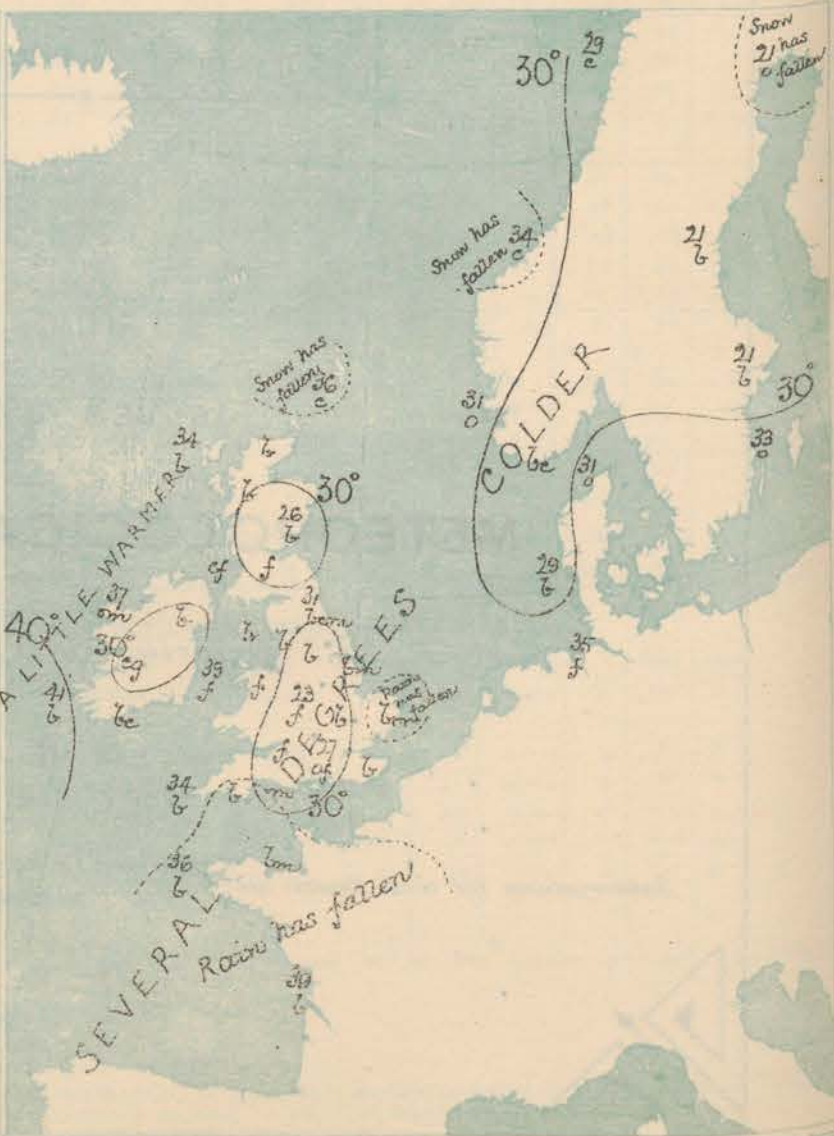
Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of December

Stations	Temp.	Rain-fall
Sumburgh Head	41.2	3.32
Sornoway	41.5	6.00
Aberdeen	39.5	2.96
Stuelids	38.7	2.79
York	39.8	2.67
Mullaghmore	42.0	2
Holyhead	43.4	4.01
Parsonstown	42.6	3.08
Valentia	43.6	6.22
Silly (St Mary's)	46.7	4.02
Hurst Castle	43.2	2
Dover	41.0	3.54
LONDON	41.0	2.19
Vermouth	40.2	3.42

\* The mean temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for FRIDAY 23<sup>RD</sup> DEC<sup>R</sup> 1881, at 8 a.m.

A further and brisk increase of pressure has taken place over the whole of Western Europe; a large anticyclone has advanced over these Islands from the NW<sup>W</sup>, and now embraces Ireland, England, the Channel and north of France. The lowest readings are reported from the north of Scandinavia, so that while very light breezes, varying considerably in direction prevail on our coasts, moderate to strong W<sup>W</sup> and NW<sup>W</sup> winds are reported from the countries to the eastward of the North Sea. A considerable fall of temperature has occurred except in the extreme W. and NW. - the change on our south coast exceeding 10° - and readings range at present from 41° at Valencia to 23° at Nottingham and 21° in Lapland. During last night the thermometer fell to 21° at Parsonstown, 22° at Nottingham, 24° at York, and Aberdeen, 26° at Leith and 27° in London, and several parts of the country. The weather has been fair and dry generally, the only rain reported being a few hundredths of an inch at Crawley-Point and Yarmouth, and an equally small amount of snow at Lumburgh Head, and this morning though foggy in many places it is fine and bright on the whole. The sea is moderate to calm generally.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

24<sup>TH</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Light W <sup>W</sup> breezes; fine, rather cold.
2 SCOTLAND EAST	D°-----D°-----D°-----
3 ENGLAND NE	Light NW <sup>W</sup> or N <sup>W</sup> breezes; fair, hazy, cold.
4 ENGLAND EAST	Same as N° 5.
5 MIDLAND COUNTIES	Same as N° 5.
6 ENGLAND SOUTH	Light N <sup>W</sup> breezes or variable airs, fair weather but some fog, cold, frosty.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Calms to SW <sup>W</sup> breezes; fine, rather cold.
7 ENGLAND N.W.	Variable light breezes; fair, foggy, frosty.
8 ENGLAND S.W.	NE <sup>W</sup> winds, light or moderate; fair, cold.
9 IRELAND NORTH	Wind becoming S <sup>W</sup> or SW <sup>W</sup> ; cold, foggy night, then milder.
10 IRELAND SOUTH	D°-----D°-----D°-----
WARNINGS	The south cone has been lowered in district N° 8, and part of N° 5.



# METEOROLOGICAL OBSERVATIONS FOR

23<sup>rd</sup> DEC.

1881.

† 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 ...	29.77	25	S	2	0	29.77	+ 0.3	21	21	- 5	SE	2	0	*	28	7	0.08	
Hernösand ...	29.77	27	Z	0	0	29.93	+ 2.0	21	20	- 3	WNW	2	6	*	28	19	-	
Stockholm ...	29.86	29	WSW	2	0	30.02	+ 3.2	21	19	- 10	WNW	2	6	*	34	?	-	
Wisby ...	29.80	34	N	4	bc	29.93	+ 3.7	33	33	- 1	NE	6	0	*	39	32	0.04	
Bodö ...	29.50	30	SSW	6	c	29.87	+ 5.5	29	26	- 2	NW	6	0	*	34	27	-	
Christiansund...	29.85	31	NW	7	bc	30.09	+ 5.9	34	32	0	SSW	5	0	5	34	19	0.04	
†Skudesnaes ...	29.98	32	NNW	1	b	30.23	+ 5.1	31	31	- 4	Z	0	0	2	36	30	-	
Örö (Xiansund) ...	29.89	30	WNW	1	b	30.17	+ 4.2	24	22	- 3	NNW	2	6	1	32	23	-	
Skagen (The Skaw) ...	29.90	38	NW	2	b	30.14	+ 3.7	31	29	- 1	NNE	3	0	3	39	28	-	
Fanö ...	29.98	33	S	2	f	30.17	+ 3.1	29	29	0	NW	1	6	*	34	?	-	
Cuxhaven ...	29.90	?	Z	0	f	30.07	+ 2.5	35	35	+ 4	NE	3	f	*	36	30	-	
†Sumburgh Head ...	29.99	33	NNE	2	bc	30.19	+ 4.4	36	35	+ 3	SE	1	c	2	37	31	0.02	
†Stornoway ...	30.06	30	WNW	2	b	30.24	+ 3.8	34	34	+ 1	W	2	6	23	37	28	-	
Wick ...	29.97	34	N	3	0	30.27	+ 4.2	31	30	- 2	N	1	6	1	34	29	-	
Nairn ...	30.06	32	SW	1	b	30.27	+ 4.1	30	29	- 1	Z	0	6	0	34	29	-	
†Aberdeen ...	30.06	30	WSW	1	b	30.29	+ 4.2	26	25	- 1	W	1	6	0	35	24	-	
Leith ...	?	33	NW	1	c	30.34	+ 4.5	30	29	- 3	WNW	1	f	*	37	26	-	
†Shields ...	30.06	35	NW	3	b	30.35	+ 4.6	31	30	- 2	WNW	3	6	2	37	28	-	
Spurn Head ...	30.00	37	N	3	b	30.33	+ 4.5	35	34	- 1	NW	3	6	3	38	32	-	
York ...	30.07	29	N	1	b	30.37	+ 4.6	25	25	- 5	NW	1	6	*	34	24	-	
Nottingham ...	30.07	32	WSW	1	b	30.39	+ 4.7	23	22	- 6	Z	0	f	*	37	22	-	
†Ardrossan ...	30.10	35	Z	0	bf	30.35	+ 4.4	32	32	- 2	Z	0	cf	0	38	30	-	
†Mullaghmore ...	30.12	34	Z	0	b	30.31	+ 4.1	37	34	+ 4	SSW	2	om	2	44	33	-	
Donaghadee ...	30.17	34	NW	2	bc	30.36	+ 4.5	29	29	- 2	SSW	1	6	0	40	29	-	
Parsonstown ...	30.17	30	SE	1	bc	30.40	+ 5.0	25	24	- 4	SE	1	cg	*	35	21	-	
Barrow-in-Furness	30.12	32	NE	2	b	30.37	+ 3.9	29	28	- 5	NE	2	6	2	41	27	-	
†Holyhead ...	30.08	41	NE	1	b	30.38	+ 5.0	39	39	+ 3	SSW	1	f	0	42	34	-	
Liverpool (Bidston)	30.08	35	NE	2	b	30.38	+ 4.8	32	31	- 1	S	2	f	1	39	32	-	
†Valencia ...	30.16	36	Z	0	bm	30.32	+ 4.9	41	39	+ 1	E	1	6	2	47	31	-	
Roche's Point...	30.14	36	E.NE	3	b	30.37	+ 5.6	33	33	- 7	NE	1	6	4	44	31	-	
Pembroke ...																		
†Scilly ...																		
Prawle Point ...	29.94	42	NE	6	c	30.39	+ 6.5	32	31	- 13	NNE	3	6	4	45	31	0.02	
Hurst Castle ...	29.95	40	ESE	4	c	30.39	+ 5.5	28	28	- 12	NE	2	m	3	43	27	-	
†Dover ...	29.97	42	E	1	b	30.32	+ 3.9	36	35	0	N	3	6	1	43	35	-	
†London ...	30.01	35	E	1	b	30.39	+ 4.6	27	27	- 3	Z	0	of	*	40	27	-	
Oxford ...	30.09	31	NW	1	b	30.41	+ 4.9	28	28	- 2	Z	0	f	*	36	27	-	
Cambridge ...	30.04	30	Z	0	b	30.39	+ 5.0	27	27	- 3	Z	0	6	*	38	27	-	
†Yarmouth ...	29.99	35	NW	3	b	30.30	+ 4.0	33	32	+ 1	NW	3	6	3	36	30	0.01	
The Helder ...																		
Cape Gris Nez ...																		
†Jersey ...	29.92	41	E.NE	7	om	30.36	+ 5.8	40	39	- 1	NE	2	6	3	43	39	0.06	
Brest ...	29.75	43	E.NE	5	0	30.32	+ 7.4	36	35	- 8	NE	3	6	5	46	36	0.28	
Lorient ...																		
†Rochefort ...	29.67	53	WSW	8	0	30.22	+ 4.8	39	37	- 9	N	7	6	4	57	34	0.39	
Biarritz ...																		
Corunna ...	*	*	*	*	*			*						*	*	*		
Brussels ...	*	*	*	*	*			*						*	*	*		
Charleville ...	29.93	34	SE	4	0	30.14	+ 1.6	?	31	?	?	?	?	*	36	26	-	
Paris ...														*	*	*		
Lyons ...														*				
Toulon ...																		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.80	26	SSW	1	b	29.09	+ 4.5	23	22	- 2	S	1	6	*	30	19	-	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.80	26	SSW	1	b	29.09	+ 4.5	23	22	- 2	S	1	6	30	19	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.84	35	33	WNW	2	c	3	Valencia ...	30.02	45	42	NE	2	bm	3
Sumburgh Head	29.90	34	32	NNE	2	c	3	Scilly ...							
Stornoway ...	29.99	37	36	WNW	3	bc	3	Dover ..	29.92	43	42	E	2	bc	1
Aberdeen ...	29.98	34	32	W	1	bm	1	London ...	29.93	40	38	GSE	1	cf	*
Shields ...	29.98	37	35	NW	1	bm	2	Yarmouth ...	29.94	36	35	NW	2	bf	3
Ardrossan ...	29.99	38	38	Z	0	bc	0	Jersey ...	29.69	40	40	E	6	n	5
Mullaghmore ...	30.02	40	38	Z	0	bc	3	Rochefort ...	29.71	55	54	WSW	8	0	4
Holyhead ...	29.98	42	40	NE	2	bc	1								

The depression noticed this morning seems to be passing SE<sup>ward</sup> across France and the barometer is rising over these islands with light winds and fair weather. Temperature ranges from 45° at Valencia to 34° at Aberdeen.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

FOR

SATURDAY 24<sup>TH</sup> DEC<sup>R</sup>

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

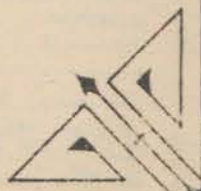
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ROBERT H. SCOTT

(SECRETARY.)



*Fred<sup>s</sup> Tongerfield 106 & 108 Bedford St. London W.C.*



for 8 a.m. on SATURDAY, 24<sup>TH</sup> DEC<sup>R</sup> 1881

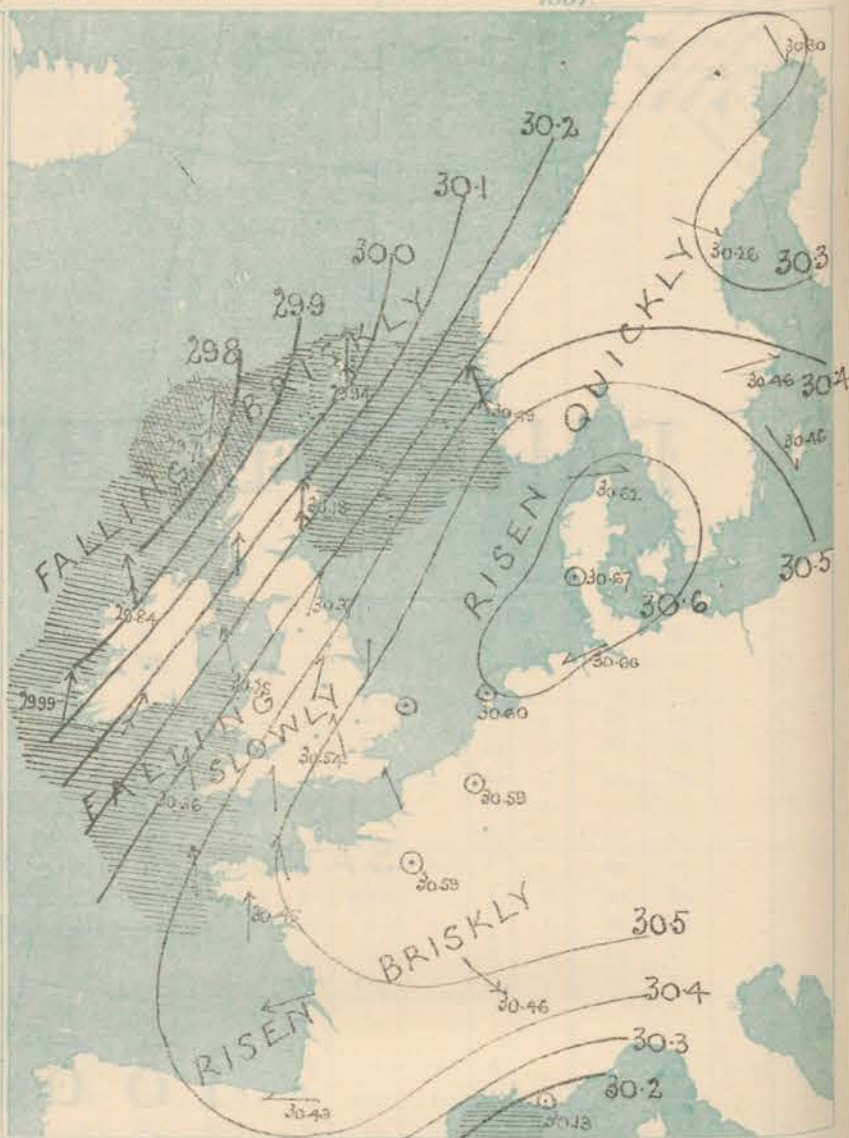
*Explanation of Map.*

$\rightarrow$  forces above 10;  $\rightarrow$  forces 8 to 10  
 $\rightarrow$  forces 5 to 7;  $\rightarrow$  forces 1 to 4

② = dead culm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus  - Rough,  - High.

\* These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



## with RAINFALL in PAST 24 HOURS.

Weather Letters of the Beaufort Scale  
show state of Weather at 8 a.m.

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





# REMARKS

for Saturday 24<sup>th</sup> DEC<sup>r</sup> 1881 at 8 a.m.

The depression which was approaching our Western coasts yesterday has proved to be of considerable importance, and its centre now lies near the Hebrides, where the barometer has fallen more than half an inch. It has occasioned S<sup>W</sup> winds all over the country; they are still blowing very lightly in the S.E. but increasing considerably in the W and N., and reaching a fresh to strong gale in the S. and W. of Ireland and N. of Scotland. To the eastward of the North Sea the barometer has risen fast, and an anticyclone is shown over Denmark, where the winds are light and variable. The weather is fair though foggy in the E. and S.E. of England, but is cloudy or dull elsewhere, with squalls of rain in the extreme W. and N.W. Temperature is rising very fast generally, and though the change has not yet reached our SE coast, it is spreading quickly over us. Readings range at present from 51° at Valencia to 28° at Nottingham and 21° in south Norway. The sea is rough in the W. N. and NE.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

25<sup>th</sup> DECEMBER

(ISSUED AT 11 a.m. on previous day)

## DISTRICTS

## FORECASTS

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH

S<sup>W</sup> and S<sup>W</sup> gales continuing with squally, mild, rainy weather.

6 SCOTLAND WEST

Same as N<sup>o</sup> 1 and 1.

2 SCOTLAND EAST

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

7 ENGLAND N.W.

Same as N<sup>o</sup> 2.

3 ENGLAND N.E.

S<sup>W</sup> and S<sup>W</sup> strong winds and gales, temperature rising fast, dull, rain.

8 ENGLAND S.W.

S<sup>W</sup> winds, freshening, dull, mild, some rain.

4 ENGLAND EAST

Same as N<sup>o</sup> 5

9 IRELAND NORTH

S<sup>W</sup> strong winds and gales; dull, squally, rainy.

5 MIDLAND COUNTIES

Same as N<sup>o</sup> 5.

10 IRELAND SOUTH

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

6 ENGLAND SOUTH

S<sup>W</sup> winds, light to fresh or strong, temperature rising fast than setting in, weather fair to dull and unsettled.

## WARNINGS

The south cone was hoisted yesterday or this morning in districts N<sup>os</sup> 0. 1. 2. 6. 7. 9. 10. and part of 8.



# METEOROLOGICAL OBSERVATIONS FOR

24<sup>th</sup> DEC. 1881.

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.		Difference from 8 a.m. yesterday.	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.		Dir.	Force (0 to 12).		Max.	Min.		
Haparanda	30.08	5	7	2	6		30.30	+ .53	- 8	- 8	- 24	NW	2	6	21	2		
Hernösand	30.26	14	2	0	6		30.26	+ .33	26	26	+ 4	WNW	2	6	23	10		
Stockholm	30.34	44	WNW	2	6		30.46	+ .44	22	21	+ 1	W	2	6	30	18		
Wisby	30.27	32	?	6	6		30.46	+ .53	32	29	- 1	NNW	4	6	36	30		
Bodö	29.97	29	NW	2	0		30.13	+ .26	32	30	+ 8	E	2	6	?	25		
Christiansund	30.30	37	NW	6	6		30.25	+ .14	34	30	0	ESE	1	6	37	23		
†Skudesnaes	30.49	32	E	2	6		30.49	+ .26	35	32	+ 4	SE	8	6	?	?		
Örö (Xiansund)	30.47	25	NNW	4	6		30.60	+ .43	21	20	- 3	NNW	4	6	27	19		
Skagen (The Skaw)	30.49	33	NNW	2	6		30.62	+ .48	28	26	- 3	W	3	6	34	27		
Fanö	30.53	26	NNW	1	6		30.67	+ .50	25	25	- 4	ESE	1	6	34	25		
Cuxhaven	30.35	?	NNE	3	6		30.60	+ .53	33	32	- 2	ESE	3	6	34	30		
†Sumburgh Head	30.29	39	S	3	6		29.94	- .25	43	39	+ 7	S	8	6	43	34		
†Stornoway	30.18	43	S	5	0		29.71	- .53	44	44	+ 10	S	8	6	44	32	0.16	
Wick	30.30	40	S	4	6		29.96	+ .31	41	37	+ 10	S	9	6	41	26		
Nairn	30.31	32	Z	0	6		29.96	+ .31	41	39	+ 11	SE	7	6	41	30		
†Aberdeen	30.40	32	WSW	1	6		30.18	- .11	40	36	+ 14	S	8	6	41	25		
Leith	30.43	31	Z	0	6		30.20	- .14	38	34	+ 8	SE	1	6	40	28		
†Shields	30.47	32	WNW	2	6		30.37	+ .02	34	31	+ 3	SSW	4	6	36	28		
Spurn Head	30.47	37	WNW	2	6		30.48	+ .15	33	32	- 2	S	4	6	37	31		
York	30.53	31	SSW	1	6		30.46	+ .09	29	29	+ 4	SSW	1	6	37	225		
Nottingham	30.52	25	Z	0	6		30.46	+ .07	28	28	+ 5	SSW	1	6	31	22		
†Ardrossan	30.41	34	ESE	2	6		30.12	- .23	44	43	+ 12	S	6	6	44	30		
†Mullaghmore	30.19	43	SSE	7	0		29.84	- .47	42	46	+ 11	SSE	9	6	43	36	0.01	
Donaghadee	30.40	37	SW	2	2		30.12	- .24	45	43	+ 16	SSW	7	6	45	28	0.02	
Parsonstown	30.32	40	S	3	0		30.04	- .26	47	45	+ 12	S	6	6	47	24	0.02	
Barrow-in-Furness	30.45	33	E	2	6		30.31	- .06	34	33	+ 5	SE	4	6	36	28		
†Holyhead	30.43	38	S	2	6		30.25	- .13	43	40	+ 4	SSE	6	6	43	37		
Liverpool (Bidston)	30.49	31	SE	2	6		30.36	- .02	38	32	+ 1	SE	3	6	34	28		
†Valencia	30.18	44	SSE	7	0		29.99	- .33	51	49	+ 10	S	6	6	53	40	0.40	
Roche's Point	30.30	48	SSE	5	0		30.08	- .29	50	50	+ 17	SSW	8	6	50	32	0.26	
Pembroke	30.45	44	SSE	2	6		30.28	- .11	46	43	+ 11	SSE	5	6	46	30		
†Scilly																		
Prawle Point	30.52	42	E	2	6		30.44	+ .05	43	40	+ 11	S	4	6	44	31		
Hurst Castle	30.52	37	NE	1	6		30.49	+ .10	43	41	+ 15	S	3	6	43	28		
†Dover	30.51	37	N	2	6		30.56	+ .24	34	34	- 2	SE	2	6	40	33		
†London	30.53	28	Z	0	6		30.54	+ .15	29	29	+ 2	SE	1	6	31	24		
Oxford	30.56	27	Z	0	6		30.49	+ .08	32	31	+ 4	ESE	1	6	38	21		
Cambridge	30.53	30	Z	0	6		30.52	+ .13	29	28	+ 2	Z	0	6	38	22		
†Yarmouth	30.48	34	WNW	3	6		30.53	+ .23	31	30	- 2	WNW	1	6	38	28		
The Helder	30.40	37	ESE	1	6		30.60	+ .39	36	35	- 3	ESE	1	6	41	34	0.08	
Cape Gris Nez	30.49	41	N	4	6		30.55	+ .27	35	34	- 1	E	1	6	45	34		
†Jersey	30.55	40	Z	0	6		30.52	+ .16	40	39	0	SSE	3	6	44	33		
Brest	30.47	44	ESE	3	6		30.41	+ .09	45	44	+ 9	S	5	6	46	36		
Lorient	30.48	41	ESE	3	6		30.45	+ .16	41	37	+ 2	S	5	6	46	37		
†Rochefort	30.44	41	NE	5	6		30.44	+ .27	?	?	?	ESE	7	6	52	28		
Biarritz	30.43	49	N	5	6		30.43	+ .23	31	30	- 21	E	3	6	54	23		
Corunna	*	*	*	*	*				*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*		30.59	+ .36	30	30	- 3	Z	0	6	41	28		
Charleville	30.41	37	SSW	4	0		30.53	+ .39	27	27	?	SW	1	6	48	27		
Paris	30.49	40	NNE	4	6		30.59	+ .37	32	32	- 3	NNE	1	6	*	*		
Lyons	30.36	34	NW	5	6		30.46	+ .51	31	30	- 9	NW	7	6	40	31	0.08	
Toulon	30.02	43	NW	5	6		30.13	+ .17	42	37	0	Z	0	6	50	39	0.04	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.21	29	NNW	1	0		29.08	- .01	32	31	+ 9	S	4	6	32	21		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	30.37	32	30	ESE	1	6	Valencia	30.26	43	45	SSE	6	0.9
Sumburgh Head	30.24	36	35	Z	0	6	Scilly						
Stornoway	30.24	41	40	S	4	0	Dover	30.43	39	38	N	3	6
Aberdeen	30.38	32	30	WSW	1	6	London	30.47	36	35	Z	0	6
Shields	30.41	36	34	WNW	2	6	Yarmouth	30.42	37	36	NW	1	6
Ardrossan	30.40	36	36	Z	0	0	Jersey	30.49	44	40	NE	2	6
Mullaghmore	30.28	41	38	S	4	0.9	Rochefort	30.34	46	41	NE	5	6
Holyhead	30.43	43	40	S	5	6							

A rather brisk decrease of pressure has commenced in Ireland with a fresh or strong S. wind, but elsewhere the mercury still rose and the weather is generally fair, though dense fog prevails in London.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

F O R

SUNDAY 25<sup>TH</sup> DECEMBER

1881.

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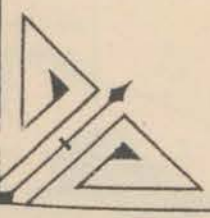
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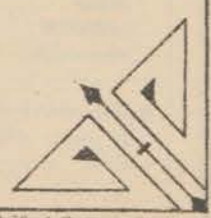
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ROBERT H. SCOTT  
(SECRETARY.)



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# WEATHER CHARTS

for 8 a.m. on Sunday 25<sup>th</sup> DECEMBER 1887.

## BAROMETER, WIND & SEA.

### Explanation of Map.

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

Wind. Arrows show the prevalent wind. 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.

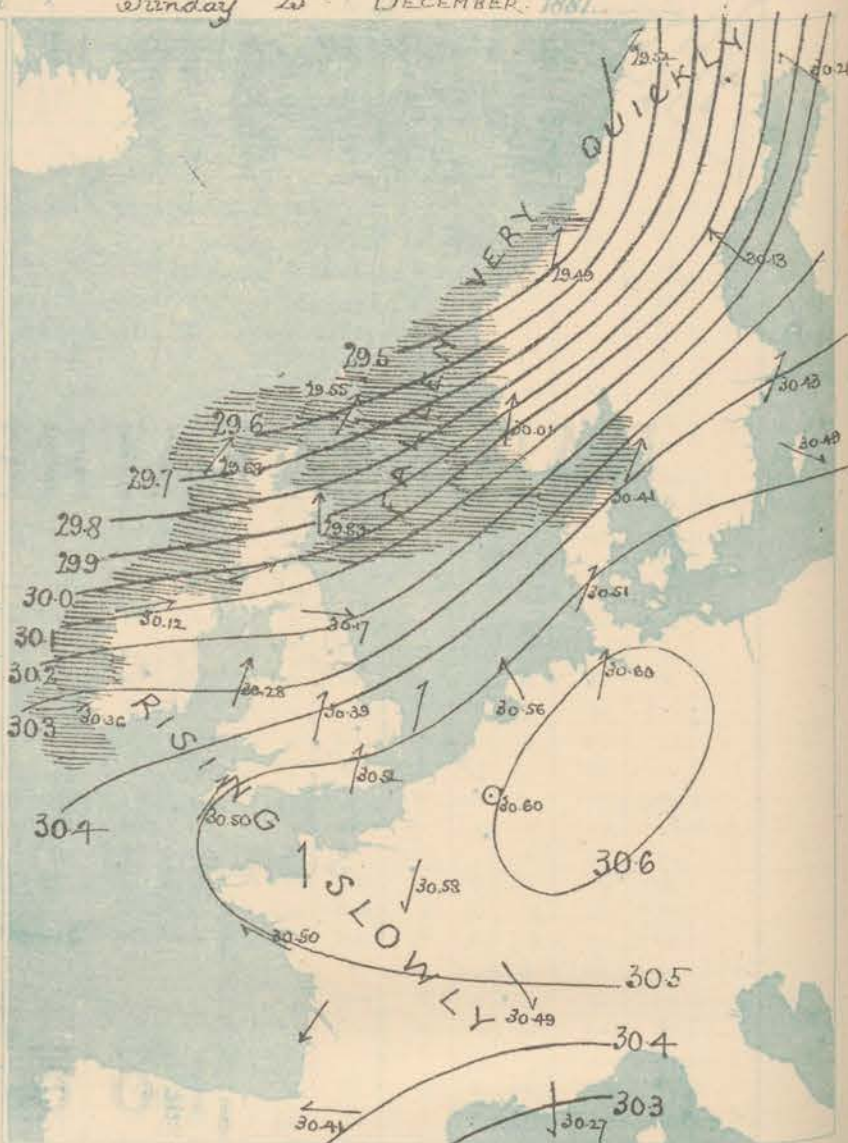
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings
Naurn	29 724
Aberdeen	29 740
Lough	29 782
Scarborough	29 837
Ardrrossan	29 804
Greenock	29 791
Holyhead	29 897
Valentia	29 866
Roche's Pt.	29 837
Plymouth	29 932
LONDON	29 916
Yarmouth	29 881

\* These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

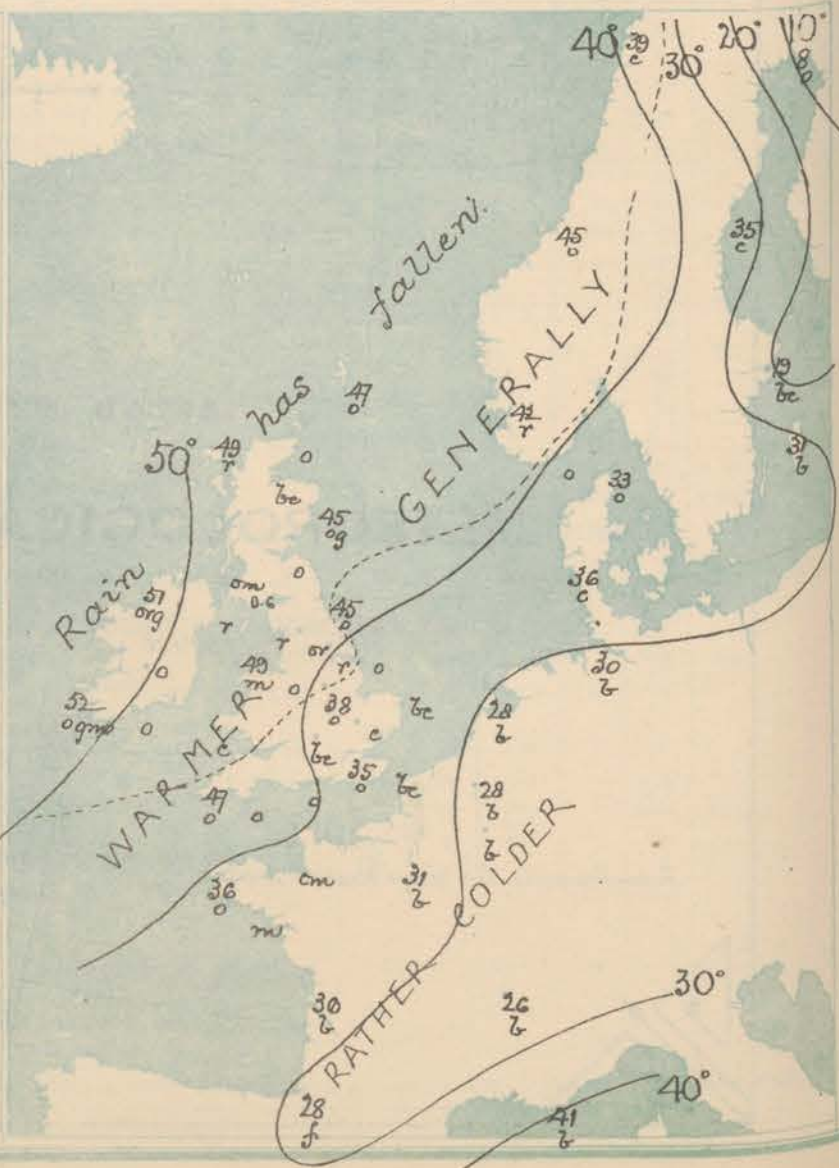
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of December

Stations	Temp	Rain-fall
Samburgh Head	41.2	7.32
Stornoway	41.5	6.09
Aberdeen	39.5	2.36
Shields	39.7	2.70
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.01
Parsonstown	42.6	3.08
Valentia	43.6	6.42
Sally (St Mary's)	43.7	4.03
Hurst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.19
Yarmouth	40.2	3.42

\* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1876.





# REMARKS

for Sunday 25<sup>th</sup> Dec<sup>r</sup> 1881 at 8 a.m.

The barometer still falls over Scotland, and a large depression lies to the northward of that country, but over the whole of Ireland and England the mercury is rising and pressure is comparatively uniform. A large area of high readings lies over France, and gradients are for W<sup>ind</sup>s generally. Breezes from between S. and W. are consequently reported from all parts of these Islands, blowing strongly in Scotland, freshly in Ireland and the N.W. of England, and lightly in the S. and E. of England. The weather is dull and rather unsettled with rain at several W-stations, as well as at York, and mist in many places. Temperature has risen at all except a few of the Channel stations, and readings range from 52° at Valencia to 34° in the SE. The sea is rough in the W. and N.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon on the

(ISSUED AT 11 a.m. on previous day)

## DISTRICTS

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

## FORECASTS

ISSUED

## DISTRICTS

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

## FORECASTS

WARNINGS

ISSUED



# METEOROLOGICAL OBSERVATIONS FOR 25<sup>th</sup> DEC.

1881.

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	30.44	12	S	2	f	30.21	-0.9	8	8	+16	SE	4	0	*	14	-9	-		
Hernösand	30.37	29	Z	0	o	30.13	-1.3	25	23	-1	SSE	6	c	*	29	9	-		
Stockholm	30.53	21	WSW	2	b	30.43	-0.8	19	19	-3	SW	2	bc	*	25	16	-		
Wisby	30.49	36	NNW	6	bc	30.49	+0.3	31	28	-1	NN	4	b	*	37	?	-		
Bodö	29.96	31	SE	2	o	29.54	-0.9	39	34	+7	SW	2	c	2	?	30	0.04		
Christiansund	29.94	45	S	1	o	29.49	-1.76	45	39	+11	SSW	4	0	5	45	25	-		
†Skudesnaes	30.35	41	S	9	o	30.01	-1.48	42	41	+7	SSW	9	r	7	?	34	0.28		
Oxö (Xiansund)	30.53	36	SSW	4	o	30.26	-1.34	39	37	+18	SSW	6	0	4	?	?	-		
Skagen (The Skaw)	30.61	31	WSW	4	b	30.41	-2.1	33	32	+5	SW	7	0	7	?	27	-		
Fanö	30.63	28	S	4	b	30.51	-1.6	36	34	+11	SW	4	c	*	36	25	-		
Cuxhaven	30.58	?	S	1	o	30.60	-0.00	30	29	-3	SSW	2	b	*	34	27	-		
†Sumburgh Head	29.79	44	SSW	9	c	29.55	-1.39	47	45	+4	SW	7	0	6	47	40	0.21		
†Stornoway	29.75	46	SSW	5	o	29.68	-0.03	49	48	+5	SW	5	r	5	49	43	0.80		
Wick	29.77	44	SW	3	bc	29.70	-1.26	49	47	+8	NN	3	0	4	49	40	0.07		
Nairn	29.87	43	WSW	4	b	29.73	-1.23	50	48	+9	W	2	bc	1	50	40	-		
†Aberdeen	30.03	40	S	7	c	29.89	-1.29	45	44	+5	S	5	og	5	45	38	0.08		
Leith	30.06	42	SW	6	bc	29.97	-1.23	49	48	+11	W	6	0	*	49	28	0.03		
†Shields	30.24	38	SSW	5	or	30.17	-1.20	45	43	+11	W	4	0	2	45	34	0.03		
Spurn Head	30.42	37	S	4	o	30.34	-1.14	36	35	+3	S	5	0	4	38	32	-		
York	30.35	36	S	1	c	30.33	-1.13	38	36	+9	S	1	r	*	38	28	0.03		
Nottingham	30.36	36	SSE	2	c	30.39	-0.07	38	36	+10	SSW	3	0	*	38	28	-		
†Ardrossan	30.05	47	SW	4	o	30.03	-0.09	47	47	+3	WSW	5	cm	4	47	41	0.62		
†Mullaghmore	30.02	46	SW	5	b	30.12	-1.28	51	50	+3	WSW	5	org	5	51	44	0.11		
Donaghadee	30.12	40	SW	4	o	30.14	+0.02	48	47	+3	SW	5	r	2	48	43	0.19		
Parsonstown	30.16	40	S	1	c	30.28	+1.24	50	49	+3	S	1	0	*	50	40	0.29		
Barrow-in-Furness	30.23	38	SSE	5	r	30.24	-0.07	43	43	+9	SSE	4	r	3	43	34	0.25		
†Holyhead	30.20	44	SSE	7	myp	30.28	+0.03	49	47	+6	SSW	5	m	4	49	42	0.12		
Liverpool (Bidston)	30.29	38	SE	3	r	30.31	-0.05	44	42	+11	SSW	2	0	2	46	33	0.18		
†Valencia	30.1	45	Z	0	c	30.36	+1.37	52	51	+1	WSW	5	cm	5	53	42	0.12		
Rocke's Point	30.18	45	SW	3	c	30.37	+1.29	48	47	-2	SW	2	0	4	50	46	0.20		
Pembroke	30.28	47	S	4	o	30.38	+1.10	49	48	+3	SSW	2	c	3	49	45	0.01		
†Scilly																			
Prawle Point	30.40	42	SSE	5	bc	30.51	+1.07	42	41	-1	S	2	0	3	44	40	-		
Hurst Castle	30.47	42	S	4	c	30.51	+1.02	41	38	-2	SW	2	0	3	45	35	-		
†Dover	30.46	39	S	4	b	30.55	-1.01	39	38	+5	SSW	4	bc	3	45	33	-		
†London	30.51	36	S	2	b	30.52	-0.02	35	33	+6	SSW	2	0	*	41	29	-		
Oxford	30.49	36	SSE	1	bef	30.49	-0.00	35	33	+3	SSE	2	bc	*	39	31	-		
Cambridge	30.49	37	S	1	o	30.49	-0.03	34	32	+5	S	1	c	*	37	27	-		
†Yarmouth	30.51	36	SW	3	bc	30.48	-0.05	34	33	+3	SSW	3	c	2	39	29	-		
The Helder	30.60	29	SE	1	b	30.56	-0.04	28	28	-8	S	2	b	1	45	28	-		
Cape Gris Nez																			
†Jersey	30.48	39	SSE	3	b	30.56	+1.04	34	33	-6	S	2	cm	3	42	32	-		
Brest	30.45	42	SE	5	bc	30.50	+1.09	36	35	-9	SSE	4	0	2	46	36	-		
Lorient	30.41	37	ESE	4	b	30.50	+1.05	30	28	-11	ESE	3	m	3	43	28	-		
†Rochefort	30.34	39	E	7	b	30.39	-0.05	36	33	?	NE	7	b	2	45	32	-		
Biarritz	30.30	37	E	4	b	30.41	-1.02	28	25	-3	E	3	f	3	45	23	-		
Corunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	30.60	+1.01	28	28	-2	Z	0	b	*	36	28	-		
Charleville	30.53	30	E	7	b	30.53	-0.00	28	26	+1	NN	4	b	*	46	21	-		
Paris	30.54	35	NNE	4	b	30.58	-0.01	31	28	-1	NE	3	b	*	*	*	-		
Lyons	30.67	32	NNW	4	b	30.49	+0.03	26	25	-5	NNW	4	b	*	37	26	-		
Toulon	30.18	41	Z	0	c	30.27	+1.14	41	36	-1	N	3	b	2	46	31	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.00	34	SSW	6	r	28.98	-1.10	38	38	+6	SW	4	or	*	38	32	0.42		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.41	40	36	SSE	8	o	5	Valencia ...	30.08	50	49	WSW	2	bcp	2
Sumburgh Head	29.81	44	40	S	9	r	7	Scilly ...							
Stornoway ...	29.72	45	44	SSW	4	bc	5	Dover ..	30.32	41	38	SSW	4	b	3
Aberdeen ...	30.06	40	38	S	8	r	6	London ...	30.48	41	40	SE	2	cm	*
Shields ...	30.26	37	35	SSW	7	o	2	Yarmouth ...	30.49	38	37	SSW	2	c	3
Ardrossan ...	30.03	44	40	S	5	r	5	Jersey ...	30.47	41	38	SSE	4	bc	3
Mullaghmore ...	29.97	49	48	SW	5	c	4	Rochefort ...							
Holyhead ...	30.21	46	45	SSE	6	mu	5								

Pressure is decreasing except at Valencia, where a recovery has commenced. The wind varies between SW and SE., and temperature has risen in the S. since the morning.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

FOR

26<sup>TH</sup> DECEMBER

1881.

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METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

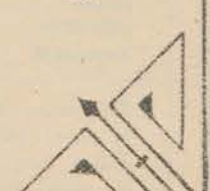
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ROBERT H. SCOTT

(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Monday 26<sup>th</sup> DECEMBER 1881

## BAROMETER, WIND & SEA

### Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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;

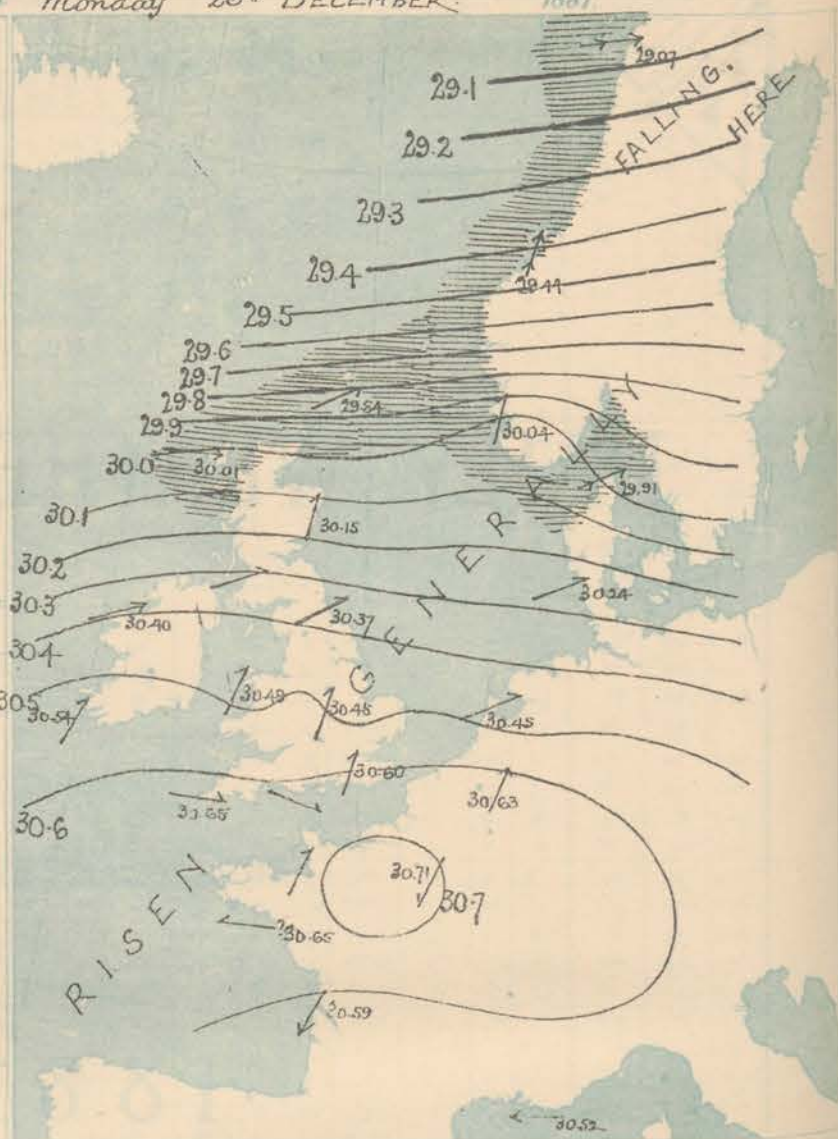
⊙ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough; — High.

### MEAN<sup>\*</sup> HEIGHT of the BAROMETER for the month of December

Stations	Mean Readings Ins.
Nairn	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.804
Greenock	29.791
Holyhead	29.887
Valentia	29.866
Roche's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map

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

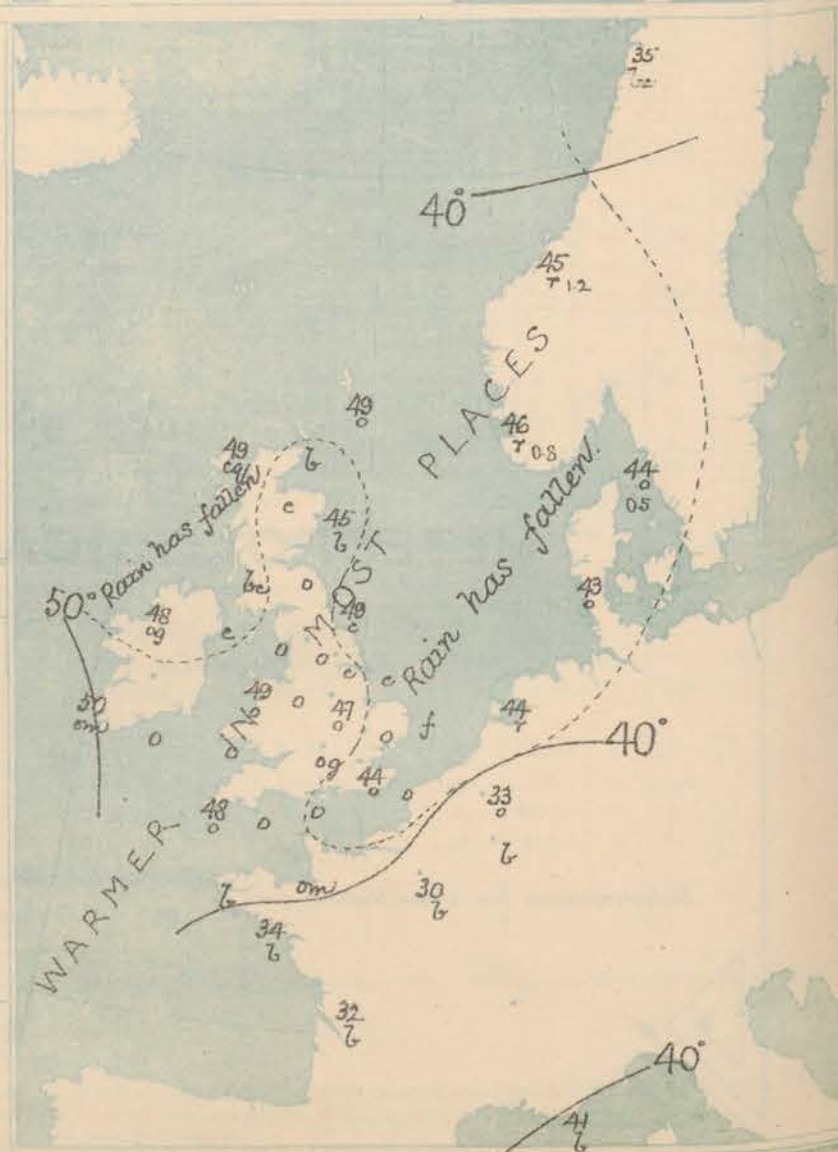
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.6 in. or more, are quoted in figures.

### MEANS<sup>\*</sup> OF TEMPERATURE AND RAINFALL for the month of December

Stations	Temp	Rain-fall
Samburgh Head	41.2	3.32
Stornoway	41.5	0.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Mullaghmore	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.8	3.02
Valentia	43.6	6.32
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.7	?
Dover	41.0	2.54
LONDON	41.0	2.10
Yarmouth	40.3	3.42

\* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for *Monday Dec<sup>r</sup> 26<sup>th</sup> 1881 at 8 a.m.*

The barometer is rising over France and these Islands, but is falling over Denmark and N. Germany. A large area of high pressure, at the centre of which readings exceed 30.7 inHg, lies over France and in all parts of Western Europe the mercury is high, but in the extreme N. it marks only 29.07 inHg. The wind is light or moderate from E. and NE over France, but is moderate to fresh from W. and SW on our coasts, while in Norway and the Skager Rack a fresh to strong W to SW gale is blowing. The weather is fine at the French stations as well as on the E. coast of Scotland but is cloudy or dull elsewhere, with rain in the N. of Norway and mist in several places. Slight rain has occurred in most places. Temperature has risen slightly generally, and readings are uniform over the United Kingdom, ranging from 41° at Cambridge to 50° at Valencia and Leith. The maxima yesterday varied between 42° and 54°. The sea is rough in the extreme N. moderate or smooth elsewhere.

2

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

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

(ISSUED AT 11 a.m. on previous day)

## DISTRICTS

## FORECASTS

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH

W<sup>y</sup> winds, backing, rather strong; unsettled, rain.

6 SCOTLAND WEST

SW<sup>y</sup> winds increasing; fair then dull and rain.

2 SCOTLAND EAST

W<sup>y</sup> and SW<sup>y</sup> winds perhaps increasing; cloudy, mild. Some rain.

7 ENGLAND N.W.

SW to W<sup>y</sup> winds, light, but increasing; fair to rainy.

3 ENGLAND N.E.

----- D° ----- D° ----- D° -----

8 ENGLAND S.W.

W<sup>y</sup> and SW<sup>y</sup> winds, light to moderate; cloudy, misty.

4 ENGLAND EAST

Same as N° 5.

9 IRELAND NORTH

SW<sup>y</sup> and S<sup>y</sup> winds, increasing; dull, rainy, mild.

5 MIDLAND COUNTIES

Same as N° 5.

10 IRELAND SOUTH

----- D° ----- D° ----- D° -----

6 ENGLAND SOUTH

light breezes between W and SW; weather mild, misty and cloudy, fair till evening, then some rain.

## WARNINGS

NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR 26<sup>TH</sup> DEC<sup>R</sup>

1881.

	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SEA-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	29.64	29	S	4	S	29.25	- .96	32	32	+ 24	S	2	0	*	?	7	0.35		
Hernösand	29.58	34	SSW	4	0	29.52	- .61	36	34	+ 11	SW	2	0	*	36	23	-		
Stockholm	30.00	30	WSW	6	S	29.71	- .72	39	39	+ 20	W	2	0	*	?	18	0.04		
Wisby	30.22	32	SW	6	0	29.84	- .65	39	38	+ 8	W	6	0	*	?	30	0.08		
Bodö	29.15	36	SW	6	bc	29.07	- .47	35	34	- 4	W	8	bc	5	39	32	-		
Christiansund	29.40	41	WSW	7	r	29.44	- .05	45	43	0	SW	9	r	6	45	30	1.18		
Skudesnaes	29.85	46	SW	6	r	30.04	+ .03	46	46	+ 4	SW	4	r	7	46	42	0.75		
Oxö (Ximmsund)	29.91	42	SSW	8	r	29.92	- .34	40	45	+ 7	WSW	6	b	4	?	?	0.47		
Skagen (The Skaw)	29.99	38	WSW	8	0	29.91	- .50	44	43	+ 11	W	8	0	8	45	27	0.08		
Fanö	30.24	39	WSW	4	0	30.24	- .27	43	43	+ 7	WSW	4	0	*	43	36	0.12		
Cuxhaven														*					
Sumburgh Head	29.59	50	WSW	6	0	29.54	+ .29	49	48	+ 2	WSW	6	0	6	51	47	0.10		
Stornoway	29.55	51	W	8	0	30.01	+ .33	49	47	0	W	7	0	6	51	47	0.15		
Wick	29.81	52	NW	6	0	30.01	+ .31	48	47	- 1	NW	4	0	3	53	47	-		
Nairn	29.94	54	W	3	bc	30.09	+ .36	49	47	- 1	WNW	3	0	2	54	49	-		
Aberdeen	29.96	47	SSW	1	b	30.15	+ .26	45	44	0	SSW	3	b	2	51	44	-		
Leith	30.10	48	SW	5	0	30.29	+ .32	58	48	+ 1	W	6	0	*	52	47	0.01		
Shields	30.19	50	W	4	0	30.37	+ .20	49	46	+ 4	WSW	2	0	2	52	43	-		
Spurn Head	30.32	42	SW	4	r	30.43	+ .09	45	44	+ 9	W	4	0	3	47	36	0.25		
York	30.34	47	S	1	0	30.45	+ .12	48	46	+ 10	S	1	0	*	49	35	0.03		
Nottingham	30.36	42	SSW	2	r	30.49	+ .10	47	45	+ 9	SSW	3	0	*	47	37	0.17		
Ardrossan	30.18	38	WSW	4	0	30.36	+ .33	48	47	+ 1	WSW	4	bc	3	51	46	0.02		
Mullaghmore	30.29	30	WSW	6	0	30.40	+ .28	48	47	- 3	WSW	5	0	4	51	48	0.01		
Donaghadee	30.29	32	SW	2	0	30.44	+ .30	48	46	0	SSW	2	0	0	52	47	-		
Parsonstown	30.42	50	SW	1	d	30.52	+ .24	48	45	- 2	WSW	1	0	*	51	46	0.03		
Barrow-in-Furness	30.29	47	SSW	4	0	30.45	+ .21	46	45	+ 3	SW	3	0	3	48	42	0.07		
Holyhead	30.36	50	SW	5	m	30.49	+ .21	49	47	0	SW	2	0	1	50	47	0.03		
Liverpool (Bidston)	30.35	49	SW	4	0	30.50	+ .19	47	45	+ 3	SW	3	0	3	50	44	0.02		
Valencia	30.47	50	WSW	2	0	30.54	+ .18	50	48	- 2	SW	3	0	3	53	48	-		
Roche's Point	30.47	48	SW	3	0	30.54	+ .17	49	47	+ 1	W	1	0	4	51	47	-		
Pembroke	30.48	50	WSW	3	r	30.55	+ .17	49	47	0	WSW	3	0	3	51	48	0.05		
Scilly																			
Prawle Point	30.55	49	SW	2	0	30.64	+ .13	47	46	+ 5	WSW	2	0	2	50	41	-		
Hurst Castle	30.54	45	W	3	0	30.61	+ .10	45	45	+ 4	WNW	2	0	2	47	40	0.02		
Dover	30.54	41	SW	3	bc	30.59	+ .04	45	44	+ 6	W	3	0	2	45	39	-		
London	30.57	39	SSW	1	0	30.60	+ .08	44	43	+ 9	SW	1	0	*	45	35	0.01		
Oxford	30.52	41	W	1	0	30.59	+ .10	45	44	+ 10	WSW	1	0	9	46	35	0.01		
Cambridge	30.47	37	S	1	0	30.55	+ .06	41	41	+ 7	SW	1	0	*	42	32	0.03		
Yarmouth	30.44	37	SW	4	0	30.51	+ .03	42	42	+ 8	WSW	2	f	2	42	33	-		
The Helder	30.46	35	SW	3	r	30.45	- .11	44	44	+ 16	WSW	2	r	3	45	28	0.16		
Cape Gris Nez	30.54	42	W	3	m	30.57		46	45		WSW	4	0	2	?	28	-		
Jersey	30.62	38	Z	0	b	30.69	+ .13	43	41	+ 9	SW	2	0	2	45	33	-		
Brest	30.56	39	S	3	m	30.67	+ .17	40	39	+ 4	SSE	3	b	4	45	36	-		
Lorient	30.57	34	E	3	b	30.65	+ .15	34	32	+ 4	E	4	b	2	37	27	-		
Rochefort	30.54	35	ENE	5	b	30.59	+ .20	32	32	- 4	NE	5	b	2	41	28	-		
Biarritz																			
Corunna																			
Brussels						30.63	+ .03	33	32	+ 5	SW	5	0	*	33	?	-		
Charleville	30.58	26	SE	3	b	30.67	+ .14	27	25	- 1	NW	3	b	*	41	23	-		
Paris	30.61	?	NE	4	b	30.71	+ .13	30	29	- 1	NE	1	b	*	*	*	-		
Lyons														*					
Toulon	30.34	45	NW	4	b	30.52	+ .25	41	33	0	E	5	b	2	50	41	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.03	44	WSW	5	0	29.17	+ .19	43	42	+ 5	SW	3	0	*	45	37	0.31		

## HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.03	44	WSW	5	0	29.17	+ .19	43	42	+ 5	SW	3	0	*	6	45	37	0.31
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes						Valencia					
Sumburgh Head						Scilly					
Stornoway						Dover					
Aberdeen						London					*
Shields						Yarmouth					
Ardrossan						Jersey					
Mullaghmore						Rochefort	30.48	39	36	ENE	5
Holyhead											

## 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 our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).  
 + Received too late for insertion in Chart.





# DAILY WEATHER REPORT

FOR

TUESDAY, 27<sup>TH</sup> DEC<sup>R</sup>

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

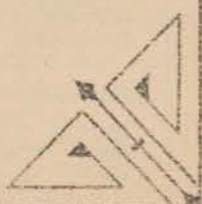
S. W.

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ROBERT H. SCOTT

(SECRETARY)



*Printed & Published by J. W. Smith, 11, St. Martin's Lane, London, W.*



# WEATHER CHARTS

for 8 a.m. on TUESDAY, 27<sup>th</sup> DECEMBER, 1881

## BAROMETER, WIND & SEA.

### Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast:

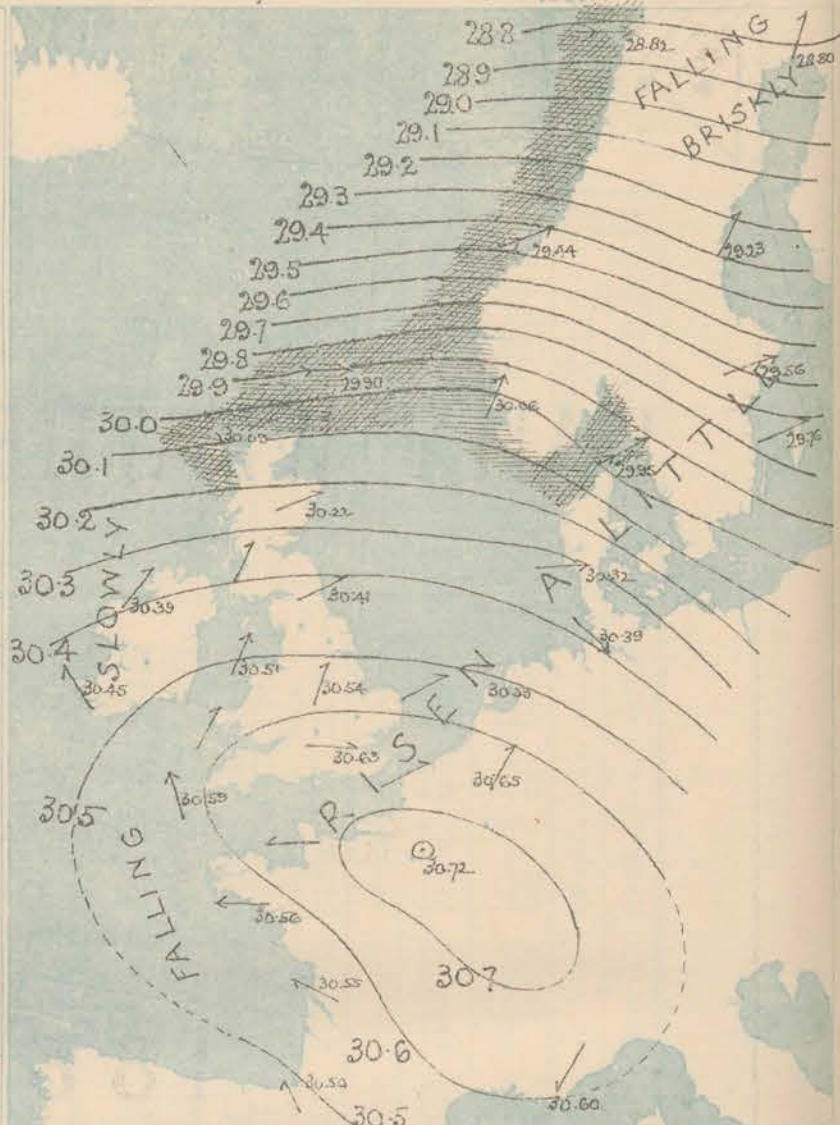
this — Rough; — High.

## MEAN<sup>\*</sup> HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings
	In.
Saïr	29.724
Aberdeen	29.740
Leith	29.782
Scarborough	29.837
Ardrossan	29.844
Greenock	29.791
Holyhead	29.837
Valentia	29.866
Roches Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

\* These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

### Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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.

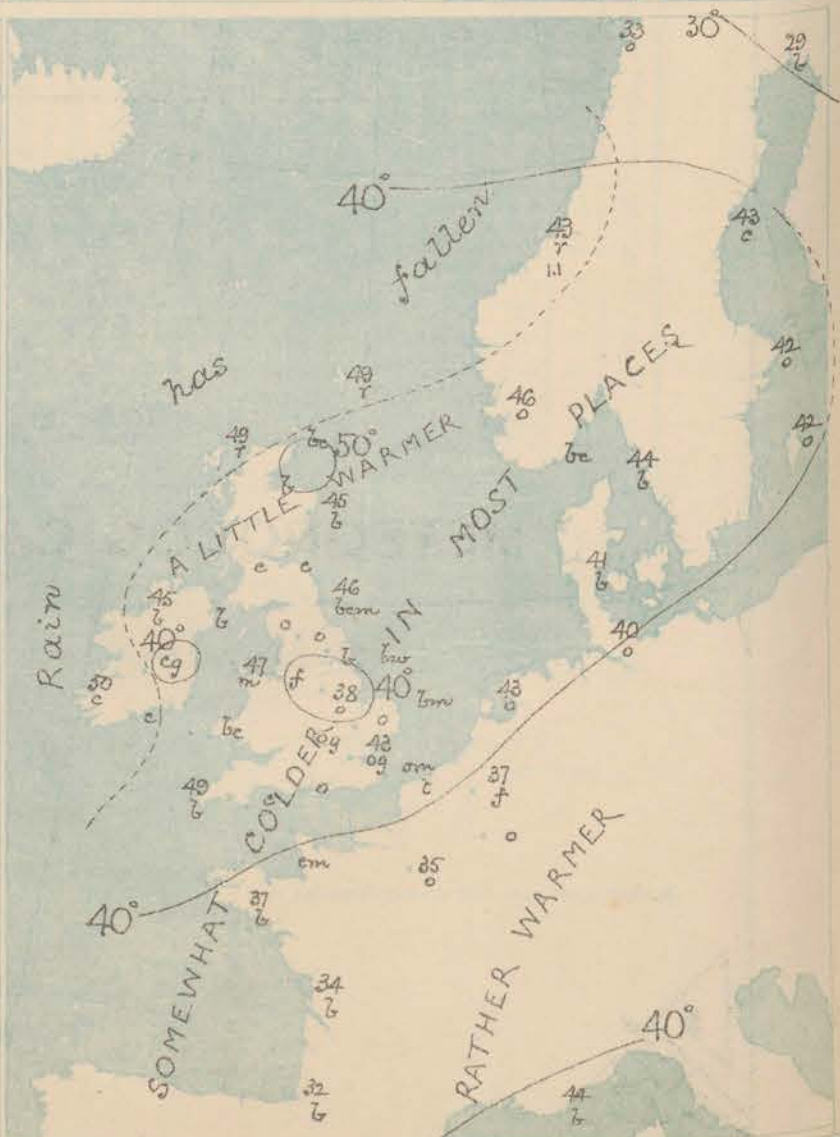
## MEANS<sup>\*</sup> OF TEMPERATURE

AND RAINFALL.

for the month of December

Stations	Temp	Rain-fall
	°	ins
Sumburgh Head	41.2	3.32
Stornoway	41.3	6.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.4	2.64
Mullaghmore	42.6	?
Holyhead	43.4	4.07
Portsmouth	42.6	3.08
Valentia	43.6	6.22
Sally (St. Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dover	41.0	3.64
LONDON	41.0	2.10
Yarmouth	40.3	3.42

\* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Tuesday 27<sup>th</sup> DEC<sup>r</sup> 1897 at 8 a.m.

There is comparatively little change to record. The large area of high pressure, within which readings still exceed 30.7 ins. lies over France, the Channel, and south of England, while in the extreme N. of Scandinavia there exists a large depression with readings below 28.8 ins. The winds are consequently still E<sup>2</sup> over France, S<sup>2</sup> on our western coast, and W<sup>4</sup> over Great Britain and the countries to the E<sup>nd</sup> of the North Sea. Gales are blowing in the extreme north of Scotland and in Norway, but the wind is light or moderate in most other places. The weather is fine and bright over a large part of the Kingdom, as well as in the W and S. of France, and in Norway, but in the Shetlands and Hebrides rain is falling, while over Central and southern England the sky is overcast misty. Thunder is now reported from Cape Fin Key and slight rain fell in S Ireland yesterday. Temperature has fallen except in the N. and over France, and readings range from 50° at Valencia and Niess to 36° at Liverpool.

The sea is still rough in the north.

MAP SHOWING DISTRICTS.



## FORECASTS

for the 24 hours ending at Noon on the

28<sup>th</sup> DECEMBER

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

W<sup>2</sup> strong winds and gales; fair generally.

2 SCOTLAND EAST

W<sup>2</sup> winds, moderate and fresh; fair and showery.

3 ENGLAND NE

— D° — D° — D° —

4 ENGLAND EAST

Same as No 5.

5 MIDLAND COUNTIES

Same as No 5.

6 ENGLAND SOUTH

SW<sup>2</sup> and W<sup>2</sup> winds, light or moderate; dull, misty but probably no rain.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST

SW<sup>2</sup> and S<sup>2</sup> winds, moderate or fresh; cloudy, misty.

7 ENGLAND NW

— D° — D° — D° —

8 ENGLAND SW

S<sup>2</sup> winds, moderate and strong; fair.

9 IRELAND NORTH

S<sup>2</sup> winds, moderate generally; fair.

10 IRELAND SOUTH

— D° — D° — D° —

### WARNINGS

NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

21<sup>st</sup> DEC

1881.

† 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	33	SW	2	0	29.80	- .45	29	27	- 3	SW	4	6	*	34	27	-		
Hernösand ...	29.22	39	SW	2	f	29.23	- .29	43	41	+ 7	WSW	2	0	*	?	28	-		
Stockholm ...	29.65	43	W	4	0	29.36	- .15	42	39	+ 3	W	6	0	*	48	30	-		
Wisby ...	29.81	41	W	4	bc	29.76	- .08	42	40	+ 3	W	4	0	*	43	34	-		
Bodö ...	29.80	33	SW	6	0	29.82	- .25	33	30	- 2	W	9	0	*	37	28	-		
Christiansund ...	29.35	47	WSW	4	2	29.44	- .00	43	42	- 2	WSW	9	1	8	48	34	1.10		
†Skudesnaes ...	30.07	45	SW	2	0	30.06	+ .02	46	44	0	SW	6	0	5	46	45	-		
Oxö (Xiansund) ...	29.97	44	SW	6	bc	29.95	+ .03	46	43	0	WSW	4	bc	3	?	43	-		
Skagen (The Skaw) ...	29.97	43	W	9	6	29.95	+ .04	44	42	0	WSW	8	6	8	?	41	-		
Fanö ...	30.20	41	W	4	c	30.32	+ .08	41	40	- 2	W	4	6	*	43	39	-		
Cuxhaven ...	30.37	?	SW	5	f	30.39	+ .05	40	40	+ 3	NW	5	0	*	?	27	-		
†Sumburgh Head ...	29.84	49	W	6	0	29.90	+ .06	49	48	0	W	8	1	7	50	47	0.04		
†Stornoway ...	30.04	49	W	9	c	30.09	+ .08	49	48	0	W	7	1	7	51	47	0.01		
Wick ...	30.04	48	WSW	6	bc	30.14	+ .13	50	47	+ 2	SW	3	bc	3	50	45	-		
Nairn ...	30.10	49	WSW	4	6	30.17	+ .08	50	47	+ 1	WSW	6	6	3	51	48	-		
†Aberdeen ...	30.17	45	SW	3	6	30.22	+ .07	45	43	0	WSW	1	6	1	50	41	-		
Leith ...	30.33	47	W	4	bc	30.38	+ .09	47	46	- 3	W	4	c	*	52	45	-		
†Shields ...	30.39	42	WSW	4	c	30.41	+ .04	46	44	- 3	WSW	1	bc	2	50	40	-		
Spurn Head ...	30.47	42	WSW	3	6	30.48	+ .05	40	40	- 5	SW	3	bc	2	47	35	-		
York ...	30.45	46	W	3	6	30.50	+ .05	44	43	- 4	W	1	6	*	50	43	-		
Nottingham ...	30.51	40	SW	2	6	30.54	+ .05	38	37	- 9	SW	1	0	*	48	36	-		
†Ardrossan ...	30.59	46	SW	3	c	30.43	+ .07	46	46	- 2	SW	3	0	2	48	45	-		
†Mullaghmore ...	30.40	46	SW	5	c	30.39	- .01	45	42	- 3	SW	4	6	3	50	44	-		
Donaghadee ...	30.45	47	WSW	3	c	30.45	+ .01	40	40	- 8	W	3	6	1	43	39	-		
Parsonstown ...	30.52	45	?	0	0	30.49	- .03	39	38	- 9	SSE	1	c	*	49	38	-		
Barrow-in-Furness ...	30.48	45	SW	3	0	30.50	+ .05	44	43	- 2	S	2	0	3	47	43	-		
†Holyhead ...	30.52	48	SW	3	0	30.51	+ .02	47	47	- 2	SW	4	m	3	49	46	-		
Liverpool (Bidston) ...	30.52	44	WSW	3	6	30.53	+ .03	36	36	- 11	SE	2	f	2	49	36	-		
†Valencia ...	30.52	49	S	3	mog	30.45	- .09	50	48	0	SE	3	c	4	51	48	0.01		
Roche's Point ...	30.54	48	SW	3	1	30.52	- .02	48	47	- 1	SW	3	c	4	52	45	0.02		
Pembroke ...	30.59	49	WSW	2	0	30.55	- .00	48	47	- 1	SSW	2	bc	3	50	47	-		
†Scilly ...	30.60	49	S	5	c	30.59	- .01	49	49		SSE	5	6	4	51	47	-		
Prawle Point ...	30.65	48	WSW	1	0	30.64	- .00	46	45	- 1	SSE	2	c	1	49	44	-		
Hurst Castle ...	30.64	46	WSW	2	0	30.63	+ .02	46	45	+ 1	WSW	1	0	2	47	44	-		
†Dover ...	30.62	45	W	2	og	30.64	+ .05	44	44	- 1	W	2	om	1	46	42	-		
†London ...	30.60	45	WSW	2	0	30.63	+ .03	43	42	- 1	W	1	og	*	46	42	-		
Oxford ...	30.60	46	W	2	0	30.61	+ .02	43	42	- 2	WSW	2	og	*	46	43	-		
Cambridge ...	30.58	43	SW	1	0	30.60	+ .05	43	43	+ 2	SW	1	0	*	45	40	-		
†Yarmouth ...	30.52	44	SW	2	c	30.54	+ .03	42	41	0	WSW	3	bc	2	44	39	-		
The Helder ...	30.52	45	WSW	2	0	30.53	+ .08	43	42	- 1	WSW	3	0	3	46	43	-		
Cape Gris Nez ...	30.60	46	WSW	4	0	30.63	+ .03	46	45	0	WSW	3	6	1	48	34	-		
†Jersey ...	30.70	44	?	0	om	30.68	- .01	39	39	- 4	E	2	cm	2	45	38	-		
Brest ...	30.64	45	SE	4	6	30.59	- .10	42	40	+ 2	SE	4	6	2	46	39	-		
Lorient ...	30.63	42	E	3	6	30.56	- .09	37	31	+ 3	E	5	6	3	43	32	-		
†Rochefort ...	30.49	39	NE	5	6	30.55	- .04	34	23	+ 2	ESE	4	6	7	45	27	-		
Biarritz ...	30.53	37	E	5	6	30.50	- .05	32	28	- 2	SE	4	6	3	46	27	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.65	+ .02	37	37	+ 4	SW	3	f	*	34	?	0.04		
Charleville ...	30.71	31	ESE	4	0	30.68	+ .01	?	28	?	ESE	4	0	*	?	26	-		
Paris ...	30.71	35	?	0	0	30.72	+ .01	35	35	+ 5	?	0	0	*	*	*	-		
Lyons ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Toulon ...	?	45	?	?	6	30.60	+ .08	44	35	+ 3	NE	4	6	2	43	41	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.18	42	W	4	0	29.23	+ .06	42	42	- 1	WSW	3	0	*	44	40	0.03		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.18	42	W	4	0	29.23	+ .06	42	42	- 1	WSW	3	0	44	40	0.03			
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudesnaes ...	30.08	46	46	SW	4	6	Valencia ...	30.51	50	49	SSW	4	og	4
Sumburgh Head ...	29.84	48	47	WSW	7	0	Scilly ...							
Stornoway ...	30.01	51	49	W	9	6	Dover ..	30.61	46	45	W	3	0	2
Aberdeen ...	30.14	48	45	SW	4	6	London ...	30.59	46	45	W	1	ogm	*
Shields ...	30.34	43	46	WSW	4	6	Yarmouth ...	30.50	44	43	SW	2	6	2
Ardrossan ...	30.38	47	47	SW	3	6	Jersey ...	30.70	44	44	WSW	9	0	1
Mullaghmore ...	30.41	50	47	SW	4	6	Rochefort ...	30.53	43	37	NE	5	6	2
Holyhead ...	30.52	43	46	SW	3	0								

There has been very little change since the morning, but at Stornoway the W<sup>h</sup> wind has increased to a strong gale with a high sea.

## 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 (bazy) 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

F O R

WEDNESDAY 28<sup>TH</sup> DECEMBER.

1881.

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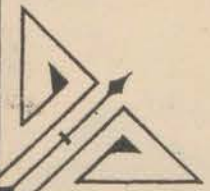
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ROBERT H. SCOTT

(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on WEDNESDAY 28<sup>th</sup> DECEMBER, 1887.

## BAROMETER, WIND & SEA

### Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 3 to 7; → forces 1 to 4.

○ = dead calm.

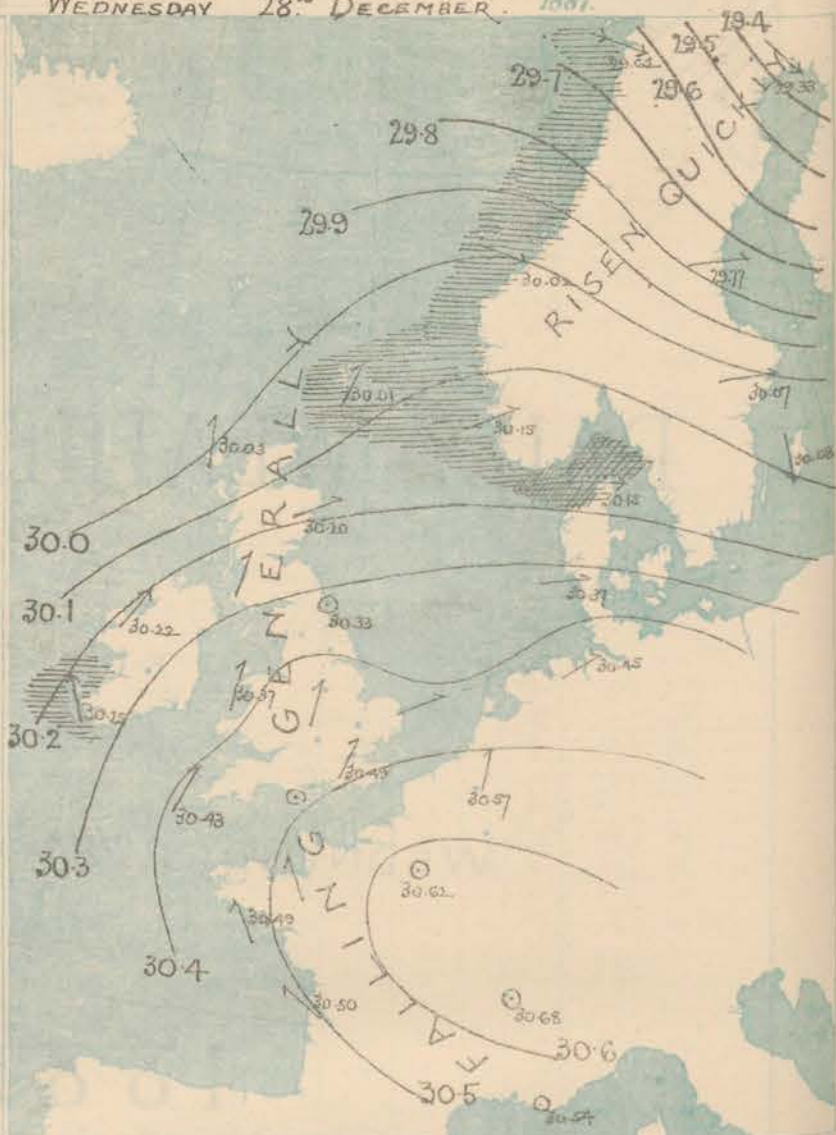
Sea Disturbance, where considerable, is shown by shading round the coast; thus — = Rough; — = High.

## MEAN<sup>\*</sup> HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings, In.
Nairn	29.224
Aberdeen	29.740
Leith	29.782
Scarborough	29.857
Ardrossan	29.804
Greenock	29.791
Holyhead	29.697
Valencia	29.866
Roche's Pt.	29.637
Plymouth	29.934
LONDON	29.916
Yarmouth	29.881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

### Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

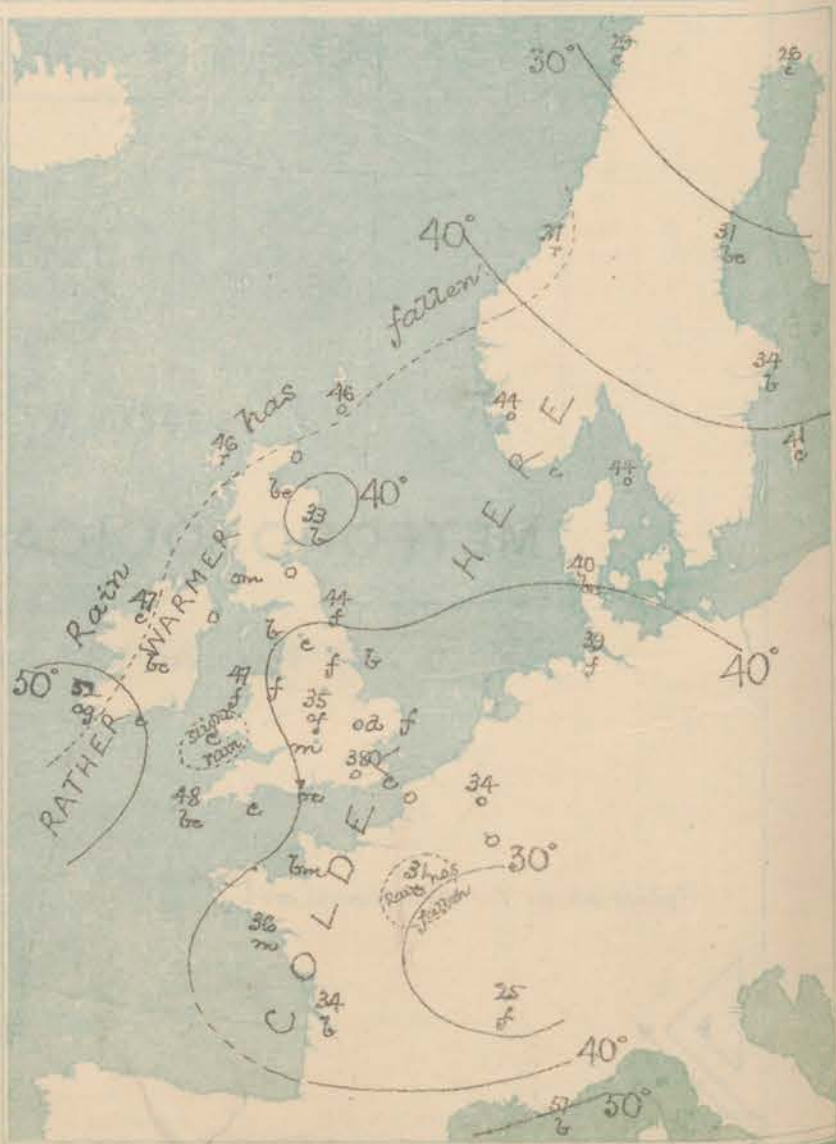
Falls of 0.5 in. or more, are quoted in figures.

## MEANS<sup>\*</sup> OF TEMPERATURE AND RAINFALL

for the month of December

Stations	Temp.	Rain-fall
Simsbury Head	41.2	3.32
Swansea	41.8	6.00
Aberdeen	39.6	2.06
Shields	39.7	2.70
York	39.9	2.67
Mullaghmore	43.6	?
Holyhead	43.4	4.01
Parsonstown	42.8	3.00
Valencia	45.6	6.22
Sally (St Mary's)	46.7	4.02
Hurst Castle	43.2	?
Dever	41.0	3.64
LONDON	41.0	2.19
Yarmouth	40.3	3.42

\* The mean Temperatures are those for the 15 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for... WEDNESDAY 28<sup>th</sup> DEC<sup>r</sup> 1887... at 8 a.m.

Pressure has increased quickly in Scandinavia and the depression noticed yesterday has passed away; over the whole of these Islands and France however, the barometer is falling, and the area of high readings seems to be now breaking up. In the W. of Ireland the decrease of pressure is rather brisk, and depressions are probably approaching from the Atlantic. The wind is SE<sup>2</sup> in France, but draw into S. and SW. on our coasts, and into W. over Scandinavia. It blows a gale in the extreme N. of Norway, but is generally light or moderate in force. The weather is still fine in the E. of Scotland, but is cloudy or dull in nearly all other places with a great deal of fog or mist over England. The only rain which has fallen within our Islands has been a few hundredths in the south of Ireland and north of Scotland. Temperature has risen a little in Ireland fallen elsewhere, and readings range from 52° at Valencia to 31° at York. The minima last night were 30° at Aberdeen, Leith, and York. The sea is very rough off the Norwegian coasts, rather so at Valencia, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

29<sup>th</sup> DECEMBER

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S <sup>2</sup> winds, moderate to strong; dull, rain.	6 SCOTLAND WEST	SW <sup>2</sup> to S <sup>2</sup> winds, freshening; foggy to dull, slight rain.
2 SCOTLAND EAST	W <sup>2</sup> and SW <sup>2</sup> winds, light to fresh, fair to dull.	7 ENGLAND N.W.	-----D°-----D°-----D°-----
3 ENGLAND N.E.	-----D°-----D°-----D°-----	8 ENGLAND S.W.	S <sup>2</sup> and SW <sup>2</sup> winds, moderate to strong; cloudy to dull and slight rain.
4 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	SE <sup>2</sup> and SW <sup>2</sup> winds, increasing; dull, some rain.
5 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	SW <sup>2</sup> breezes, light to moderate; dull and misty then fair.	WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

28<sup>th</sup> Dec.

1881.

† 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 ...	29.05	25	WSW	6	b	29.33	+ .53	26	25	- 3	NW	6	c	*	30	21	-			
Hernösand ...	29.38	35	W	6	b	29.77	+ .54	31	27	- 12	W	4	bc	*	46	?	-			
Stockholm ...	29.77	44	WNW	6	o	30.07	+ .51	34	29	- 8	W	4	c	*	52	?	-			
Wisby ...	29.84	43	W	4	b	30.08	+ .32	41	39	- 1	N	2	c	*	48	41	-			
Bodö ...	29.25	29	WNW	9	c	29.62	+ .80	29	27	- 2	WNW	9	c	b	?	27	-			
Christiansund ...	29.91	37	WNW	6	c	30.02	+ .38	37	35	- 6	WNW	6	n	6	?	27	0.08			
†Skudesnaes ...	30.17	45	SW	4	n	30.15	+ .09	44	44	- 2	WSW	4	o	5	46	?	-			
Oxö (Christiansund) ...	30.07	46	WSW	6	b	30.17	+ .22	44	44	- 2	SW	4	c	3	48	43	-			
Skagen (The Skaw) ...	30.04	44	W	8	b	30.15	+ .20	44	43	0	W	7	o	8	45	41	-			
Fanö ...	30.39	42	W	4	o	30.34	+ .05	40	40	- 1	W	3	bc	*	43	39	-			
Cuxhaven ...	30.43	?	W	4	f	30.45	+ .06	39	39	- 1	WSW	4	f	*	41	32	-			
†Sumburgh Head ...	30.06	48	W	5	n	30.01	+ .11	46	45	- 3	SW	3	o	5	49	44	0.14			
†Stornoway ...	30.24	43	W	5	n	30.03	- .06	46	46	- 3	SW	3	n	3	49	45	0.07			
Wick ...	30.24	51	NW	3	bc	30.10	- .04	45	44	- 5	NW	4	o	3	50	44	-			
Nairn ...	30.27	46	Zo	0	b	30.14	- .03	42	40	- 8	W	3	bc	2	50	39	-			
†Aberdeen ...	30.30	42	W	1	b	30.20	- .02	33	31	- 12	WSW	1	b	1	52	30	-			
Leith ...	30.40	43	W	1	bc	30.25	- .13	45	42	- 2	W	1	o	*	50	30	-			
†Shields ...	30.44	48	W	1	bm	30.33	- .08	44	42	- 2	Zo	0	f	2	52	38	-			
Spurn Head ...	30.50	40	SW	3	b	30.38	- .10	34	34	- 6	S	3	b	2	44	32	-			
York ...	30.50	43	W	1	b	30.41	- .09	31	31	- 13	SSE	1	f	*	50	30	-			
Nottingham ...	30.54	36	SW	1	b	30.45	- .09	35	35	- 3	SSW	3	of	*	47	33	0.91			
†Ardrossan ...	30.42	46	SW	2	wbm	30.26	- .17	46	46	0	SSW	3	om	2	48	43	-			
†Mullaghmore ...	30.40	43	SW	2	b	30.22	- .17	47	44	+ 2	SW	5	c	4	50	41	-			
Donaghadee ...	30.45	40	WSW	2	b	30.30	- .15	44	43	+ 4	W	3	o	1	48	35	-			
Parsonstown ...	30.44	42	Zo	0	bc	30.31	- .18	42	41	+ 3	SSE	1	bc	*	48	37	-			
Barrow-in-Furness ...	30.51	43	SE	2	bc	30.39	- .11	39	37	- 5	SE	2	b	2	50	37	-			
†Holyhead ...	30.48	47	SSW	4	b	30.37	- .14	47	45	0	SSW	4	f	3	49	40	-			
Liverpool (Bidston) ...	30.51	48	S	2	b	30.41	- .12	31	31	- 5	SE	2	f	2	49	31	-			
†Valencia ...	30.40	51	SSE	3	o	30.25	- .20	52	51	+ 2	SSE	5	og	5	53	49	0.02			
Roche's Point ...	30.45	48	SSW	4	bc	30.34	- .18	50	49	+ 2	SSW	4	c	4	51	47	0.03			
Pembroke ...	30.52	46	ESE	2	b	30.40	- .15	48	47	0	SSE	2	c	2	50	45	0.01			
†Scilly ...	30.49	50	S	5	b	30.43	- .16	48	47	- 1	SW	4	bc	4	53	47	-			
Prawle Point ...	30.58	47	SSE	2	b	30.47	- .17	46	45	0	SSW	2	c	2	50	45	-			
Hurst Castle ...	30.61	44	SW	1	o	30.49	- .14	40	40	- 6	ESE	1	bc	2	47	40	-			
†Dover ...	30.61	43	W	2	bc	30.50	- .14	40	40	- 4	SSW	3	c	2	45	40	-			
†London ...	30.62	43	WSW	2	o	30.49	- .14	38	38	- 5	SW	2	o	*	45	38	-			
Oxford ...	30.61	42	WSW	1	o	30.48	- .13	38	38	- 5	SW	2	m	*	46	38	-			
Cambridge ...	30.58	44	SW	1	o	30.47	- .13	38	38	- 5	S	1	odp	*	44	36	-			
†Yarmouth ...	30.56	40	W	3	bm	30.42	- .12	38	38	- 4	WSW	3	f	2	44	36	-			
The Helder ...																				
Cape Gris Nez ...	30.60	46	WSW	4	o	30.50	- .10	35	35	- 11	SSE	4	o	2	48	34	-			
†Jersey ...	30.62	41	E	1	b	30.52	- .16	38	37	- 1	SSE	2	bm	2	43	37	-			
Brest ...																				
Lorient ...	30.53	42	E	4	b	30.49	- .07	36	35	- 1	SE	4	m	4	48	32	-			
†Rocheport ...	30.53	41	ESE	4	b	30.50	- .05	34	33	0	ESE	4	b	1	46	28	-			
Biarritz ...																				
Corunna ...																				
Brussels ...						30.57	- .08	34	33	- 3	SSW	2	o	*	40	34	-			
Charleville ...	30.68	35	ESE	3	o	30.67	- .01	32	31	?	ESE	4	o	*	38	?	-			
Paris ...	30.71	36	Zo	0	o	30.62	- .10	31	30	- 4	ESE	1	o	*	*	*	0.04			
Lyons ...	30.71	32	WNW	1	m	30.68		25	25		E	1	f	*	37	24	-			
Toulon ...	30.62	48	Zo	0	b	30.54	- .06	51	40	+ 7	Zo	0	b	1	52	43	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	29.24	40	W	2	b	29.10	- .13	40	40	- 2	WNW	1	c	*	43	38	-			

## HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.24	40	W	2	b	29.10	- .13	40	40	- 2	WNW	1	o	*	43	38	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudeanaes ...	30.11	46	45	WSW	6	o	5	Valencia ...	30.43	52	50	SSE	4	cm	4
Sumburgh Head ...	30.01	48	48	W	6	n	6	Scilly ...	30.51	52	51	SSE	5	b	5
Stornoway ...	30.21	49	48	WSW	4	o	4	Dover ..	30.62	44	44	W	3	om	1
Aberdeen ...	30.25	48	45	W	1	bm	1	London ...	30.60	45	44	W	1	ogm	*
Shields ...	30.42	51	45	WNW	2	b	2	Yarmouth ...	30.54	44	43	W	3	b	2
Ardrossan ...	30.43	47	46	SW	3	b	2	Jersey ...	30.65	43	41	SE	2	b	2
Mullaghmore ...	30.41	49	40	SW	4	b	4	Rocheport ...	30.54	44	41	ESE	3	b	1
Holyhead ...	30.52	48	47	SSW	4	c	3								

Pressure is decreasing in the S. and increasing in the N. so that gradients are decreasing and the winds have fallen lighter. In the SW. the wind is S.W. and at Scilly the sea is rough.

## 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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# DAILY WEATHER REPORT

F O R

THURSDAY, 29<sup>TH</sup> DECEMBER.

1881.

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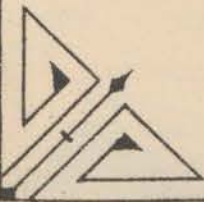
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ROBERT H. SCOTT

(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Thursday 29<sup>th</sup> DECEMBER 1887

## BAROMETER, WIND & SEA

### Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.  
Changes in height of barometer 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 5 to 10;  
→ forces 5 to 7; → forces 1 to 4.

○ - dead calm.

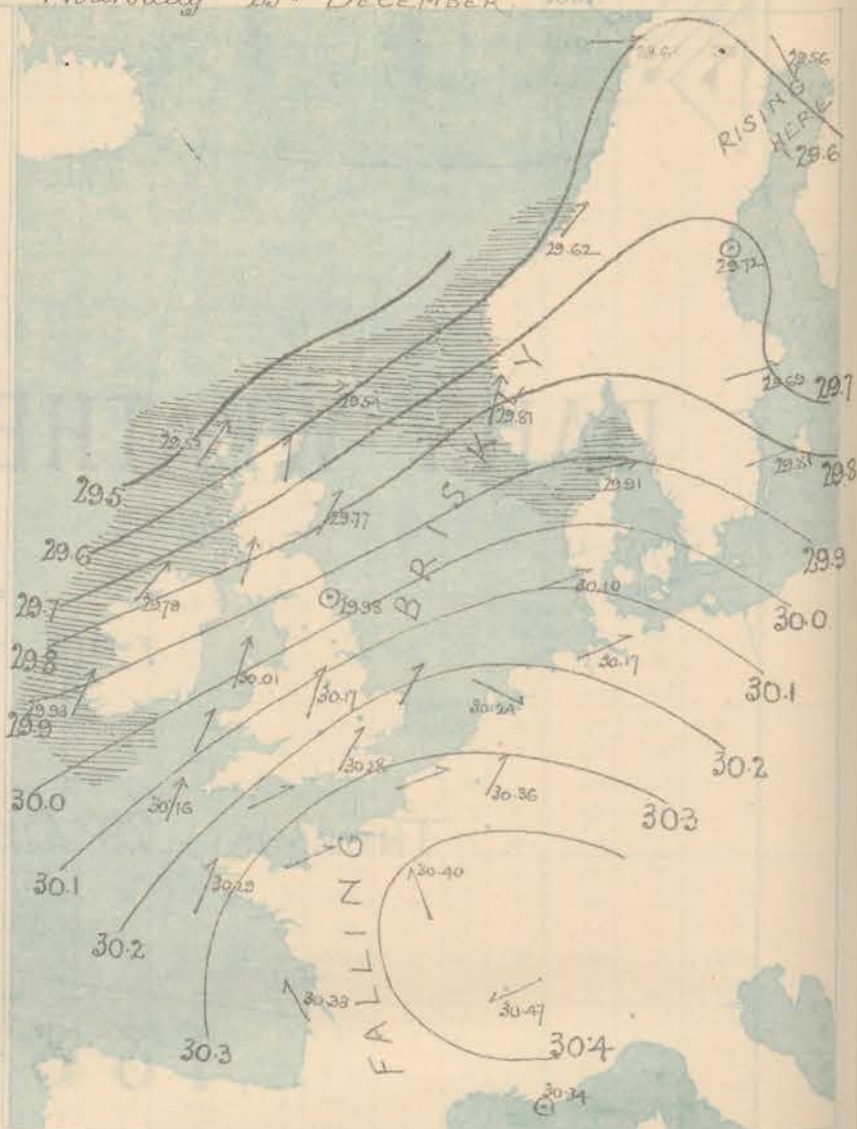
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## MEAN\* HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings (in)
Nairn	29.724
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Leith	29.782
Scarborough	29.837
Ardrossan	29.864
Greenock	29.791
Holyhead	29.887
Valencia	29.888
Rocha's Pt.	29.837
Plymouth	29.932
LONDON	29.916
Yarmouth	29.881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL, in PAST 24 HOURS.

### Explanation of Map

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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.

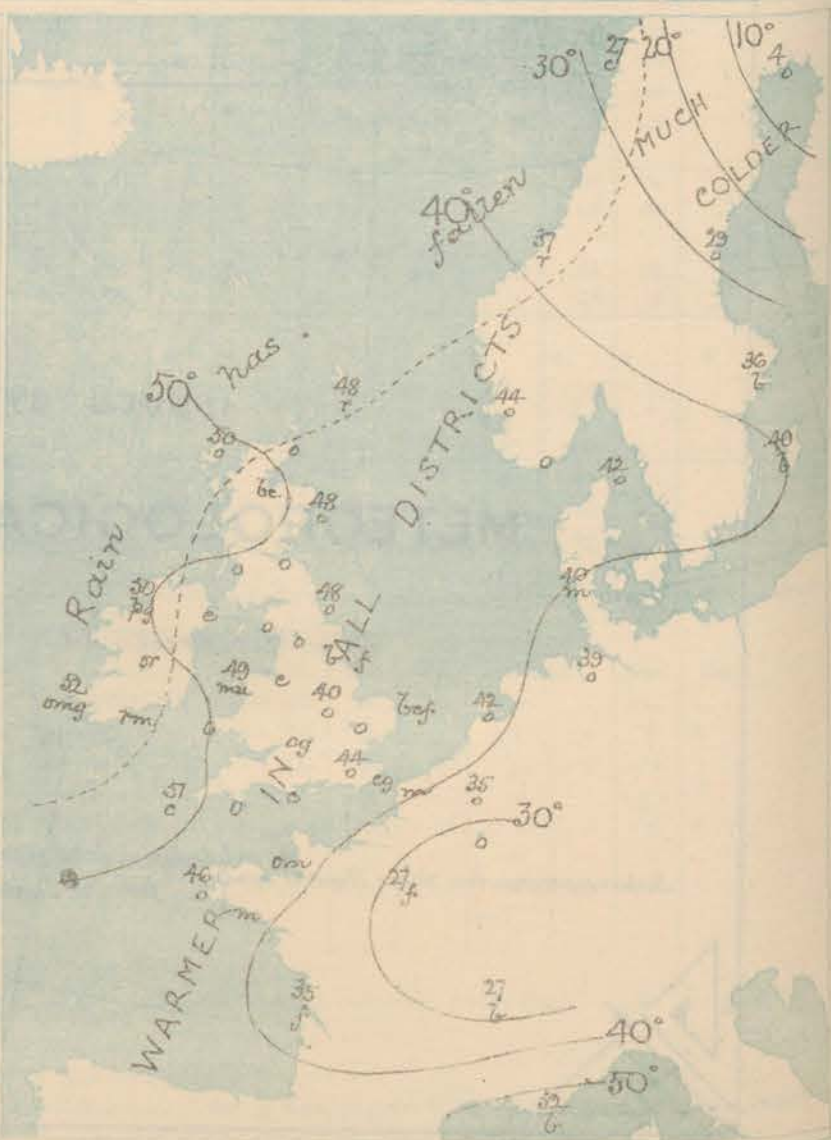
## MEANS\* OF TEMPERATURE

AND RAINFALL

for the month of December

Stations	Temp.	Rain-fall (in)
Sunderland Head	41.2	0.32
Sorness	41.8	0.09
Aberdeen	39.5	2.96
Shields	39.7	2.79
York	39.9	2.67
Malborough	42.0	?
Holyhead	43.4	4.01
Parsonstown	42.6	3.08
Valencia	43.6	4.22
Sally (St Mary's)	48.7	4.02
Throst Castle	43.2	?
Dover	41.0	3.54
LONDON	41.0	2.79
Yarmouth	40.3	3.42

\* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Thursday 29<sup>th</sup> DEC. 1881 at 8 a.m.

In the course of the past twenty-four hours pressure has decreased over the whole of Western Europe, the amount of the change varying from 0.5 in. at Stornoway to 0.2 in. over France. The gradients for SW<sup>ly</sup> winds are consequently growing steeper over our Islands, and depressions are travelling in a NE<sup>ly</sup> direction outside our western and north-western coasts. The SW<sup>ly</sup> wind is therefore increasing in strength, more particularly at our W<sup>ly</sup> and N<sup>ly</sup> stations, and very mild cloudy weather prevails over the United Kingdom, with rain at a few western and northern stations. Temperature ranges from 38° over our north-eastern counties to between 50° and 52° in the west, and is rising at the English and Scotch stations. In France the weather remains very cold generally.

The sea is rough in the extreme N, NW, and W. moderate at Holyhead, slight at Dover.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon on the

30<sup>th</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

SW<sup>ly</sup> winds, strong, a gale at times, with showers.

6 SCOTLAND WEST

Same as No. 0.

2 SCOTLAND EAST

SW<sup>ly</sup> winds, moderate to fresh, cloudy, some rain locally.

7 ENGLAND N.W.

SW<sup>ly</sup> and S<sup>ly</sup> breezes, fresh to strong, rain at times.

3 ENGLAND N.E.

-----D°-----D°-----D°-----

8 ENGLAND S.W.

SW<sup>ly</sup> breezes, fresh; cloudy, some showers.

4 ENGLAND EAST

SW<sup>ly</sup> breezes, moderate, fair.

9 IRELAND NORTH

SW<sup>ly</sup> and S<sup>ly</sup> winds, strong, a gale at times; occasional rain.

5 MIDLAND COUNTIES

Same as Nos 1 and 2.

10 IRELAND SOUTH

-----D°-----D°-----D°-----

6 ENGLAND SOUTH

SW<sup>ly</sup> breezes, light to moderate, cloudy, fair.

### WARNINGS

The south cone was hoisted last evening in districts Nos 0, 6, and parts of 7 and 9.



# METEOROLOGICAL OBSERVATIONS FOR

29<sup>th</sup> DEC. 1881.

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 ...	29.54	14	W	2	b	29.56	+ 23	4	4	- 22	W	2	b	*	27	?	-	
Hernösand ...	29.87	30	Z	0	o	29.72	- 05	29	28	- 2	Z	0	o	*	36	27	-	
Stockholm ...	29.90	36	SW	2	o	29.69	- 38	36	35	+ 2	W	2	b	*	48	32	-	
Wisby ...	29.99	41	W	6	o	29.81	- 27	40	39	- 1	W	4	b	*	43	37	-	
Bodö ...	29.68	26	W	8	b	29.61	- 01	27	26	- 2	W	6	b	*	28	23	0.04	
Christiansund ...	29.66	41	WSW	7	h	29.62	- 40	37	36	0	SW	4	h	5	41	23	0.43	
† Skudesnaes ...	30.01	43	WSW	2	o	29.81	- 34	44	43	0	SSW	6	o	5	45	?	-	
Oxö (Xtiansund) ...	30.00	43	WSW	4	o	29.90	- 27	42	41	- 2	SW	4	o	5	45	41	-	
Skagen (The Skaw) ...	30.01	42	W	6	o	29.91	- 24	42	42	- 2	W	5	o	5	43	39	-	
Fanö ...	30.17	40	W	4	o	30.10	- 27	40	40	0	WSW	4	m	*	41	37	-	
Cuxhaven ...	30.29	?	W	3	f	30.17	- 28	39	39	0	WSW	3	o	*	39	34	-	
† Sumburgh Head ...	29.91	47	SW	8	o	29.54	- 47	48	47	+ 2	W	6	h	5	48	45	0.14	
† Stornoway ...	29.94	47	SSW	4	h	29.53	- 50	50	47	+ 4	SW	6	o	5	50	42	0.21	
Wick ...	29.97	44	W	2	o	29.60	- 50	47	45	+ 2	S	3	o	3	49	43	-	
Nairn ...	30.01	45	W	2	b	29.63	- 51	51	48	+ 9	W	5	b	2	52	42	-	
† Aberdeen ...	30.11	40	SW	2	b	29.77	- 43	48	46	+ 15	SW	3	o	1	51	31	-	
Leith ...	30.13	48	W	1	o	29.81	- 44	50	48	+ 5	W	5	o	*	52	43	-	
† Shields ...	30.25	43	WSW	1	b	29.98	- 35	48	45	+ 4	SSW	1	o	2	48	39	-	
Spurn Head ...	30.31	37	WSW	3	f	30.14	- 24	38	38	+ 4	SSW	4	f	2	39	33	-	
York ...	-	-	-	-	-	30.09	- 32	37	36	+ 6	SSW	1	b	*	38	30	-	
Nottingham ...	30.34	41	S	3	o	30.17	- 28	40	40	+ 5	SSW	3	o	*	42	35	-	
† Ardrossan ...	30.12	47	SW	4	o	29.81	- 45	48	48	+ 2	SSW	5	o	4	49	45	-	
† Mullaghmore ...	30.06	53	SSW	6	og	29.79	- 43	50	49	+ 3	SW	5	og	5	53	45	0.15	
Donaghadee ...	30.18	46	SSW	3	o	29.86	- 44	49	48	+ 5	SW	5	o	3	49	43	-	
Parsonstown ...	30.17	40	SSW	2	o	29.90	- 41	52	50	+ 10	S	2	o	*	52	41	0.02	
Barrow-in-Furness ...	30.28	41	SE	3	o	30.03	- 36	44	43	+ 5	SE	4	o	2	46	37	-	
† Holyhead ...	30.27	49	SSW	4	o	30.01	- 36	49	46	+ 2	WSW	5	m	4	46	46	-	
Liverpool (Bidston) ...	30.23	41	S	2	b	30.06	- 35	46	43	+ 15	SE	3	o	2	49	31	-	
† Valencia ...	30.11	52	S	26	og	29.92	- 33	52	51	0	SSW	6	og	6	55	51	0.11	
Roche's Point ...	30.29	48	SW	4	e	29.96	- 38	51	51	+ 1	SW	7	m	5	52	48	0.08	
Pembroke ...	30.33	48	S	1	b	30.11	- 29	50	48	+ 2	SSW	4	o	3	51	47	-	
† Scilly ...	30.35	50	SW	4	e	30.16	- 27	51	50	+ 3	SSW	5	o	4	55	47	-	
Prawle Point ...	30.41	45	WSW	2	e	30.25	- 22	49	46	+ 3	SW	4	o	3	53	44	-	
Hurst Castle ...	30.41	47	SW	2	e	30.28	- 21	47	44	+ 7	WSW	3	o	3	50	44	-	
† Dover ...	30.42	42	W	2	o	30.30	- 20	45	44	+ 5	SSW	4	og	3	46	39	-	
† London ...	30.41	41	WSW	1	om	30.28	- 21	44	42	+ 6	SW	1	o	*	44	33	-	
Oxford ...	30.39	42	SW	1	f	30.24	- 24	44	42	+ 6	S	2	og	*	45	37	-	
Cambridge ...	30.39	40	S	1	b	30.23	- 24	40	39	+ 2	S	1	o	*	40	34	-	
† Yarmouth ...	30.35	38	W	3	f	30.23	- 19	38	38	0	SW	3	b	2	39	35	-	
The Helder ...	30.31	42	SW	3	o	30.24	- 25	42	41	0	WSW	1	o	1	43	39	-	
Cape Gris Nez ...	30.43	42	WSW	4	f	30.30	- 20	46	46	+ 11	WSW	4	f	2	?	34	-	
† Jersey ...	30.42	42	SSW	1	o	30.35	- 17	43	41	+ 5	WSW	2	om	2	43	36	-	
Brest ...	30.45	45	SE	4	m	30.29	- 21	46	44	+ 3	SSW	4	o	3	48	41	-	
Lorient ...	30.46	38	SE	3	m	30.30	- 19	43	43	+ 7	SE	3	m	3	43	32	-	
† Rochefort ...	30.44	44	SE	4	f	30.33	- 17	35	35	+ 1	SE	3	f	2	46	30	-	
Biarritz ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Corunna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Brussels ...	...	...	...	...	...	30.36	- 21	35	35	+ 1	SW	3	o	*	37	32	0.04	
Charleville ...	30.48	?	ESE	?	?	30.40	- 27	28	27	- 4	SE	4	o	*	38	27	-	
Paris ...	30.50	30	ESE	3	m	30.40	- 22	27	24	- 4	SE	3	f	*	...	...	-	
Lyons ...	30.59	34	WSW	1	b	30.47	- 21	27	26	+ 2	SE	1	b	*	39	24	-	
Toulon ...	30.43	55	Z	0	b	30.34	- 20	52	44	+ 1	Z	0	b	2	59	34	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.90	41	WSW	3	o	28.48	- 32	40	41	+ 3	SW	2	o	*	44	36	-	

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	29.90	41	WSW	3	o	28.78	- 32	43	+ 3	SW	2	o	*	44	36	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.			
Skudesnaes ...	30.08	42	41	SW	2	f	5	Valencia ...	30.18	54	52	S	6	o	6	
Sumburgh Head ...	29.94	46	45	SW	3	o	4	Scilly ...	30.38	54	53	SW	4	b	4	
Stornoway ...	30.02	47	46	SW	4	o	4	Dover ..	30.41	42	42	WSW	3	o	f	2
Aberdeen ...	30.15	41	39	SW	1	b	1	London ...	30.42	44	43	SW	1	om	g	*
Shields ...	30.26	42	40	WSW	1	om	2	Yarmouth ...	30.37	38	38	WSW	3	f	2	
Ardrossan ...	30.19	46	46	SW	4	n	3	Jersey ...	30.41	42	41	S	1	b	1	
Mullaghmore ...	30.14	49	47	SSW	5	og	4	Rochefort ...	30.49	42	40	SE	4	o	2	
Holyhead ...	30.31	48	47	SSW	4	b	3									

The barometer is falling generally but the winds and weather remain almost unchanged. The sea has risen a little at Valencia.

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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





# DAILY WEATHER REPORT

FOR

FRIDAY, 30<sup>TH</sup> DECEMBER.

1881.

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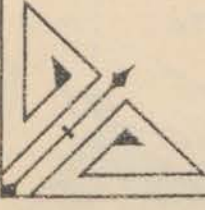
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ROBERT H. SCOTT

(SECRETARY.)



*Fredk. Dangerfield, Lith. 22, Bedford St. Mount Garden.*



# WEATHER CHARTS

for 8 a.m. on FRIDAY, 30<sup>th</sup> DECEMBER 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:  
— force above 10; — force 6 to 10;  
— force 5 to 6; — force 1 to 4.

○ = dead calm.

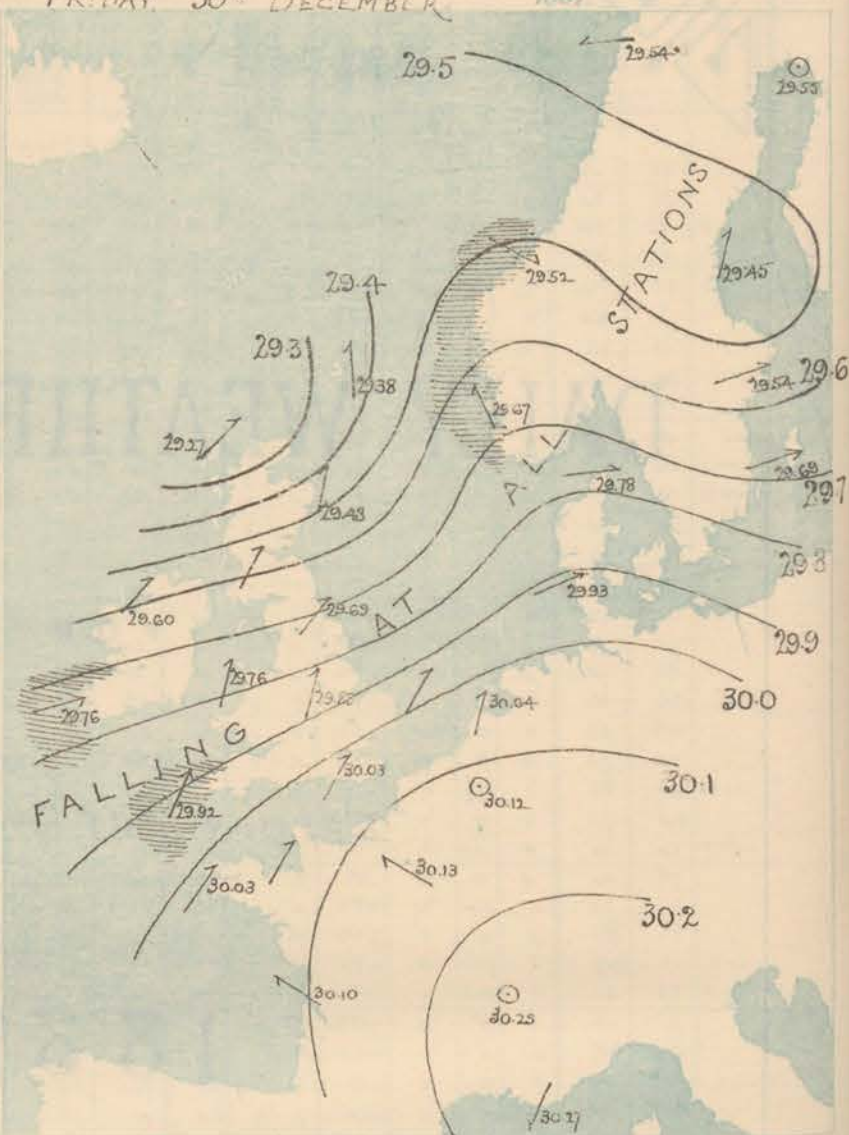
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of December

Stations.	Mean Reading†
Nairn	28.734
Aberdeen	29.740
Leith	29.761
Scarborough	29.577
Ardrossan	29.564
Greenock	29.791
Holyhead	28.837
Valencia	29.866
Boche's Pt.	28.837
Plymouth	29.292
LONDON	29.516
Farmouth	29.681

\* These means are for the 10 years 1866-75.  
† A more complete set of mean values is in course of preparation.





# REMARKS

for FRIDAY 30<sup>th</sup> DEC<sup>r</sup>, 1881, at 8 a.m.

In the course of the past night a new, but not deep, depression has travelled in a NE<sup>ly</sup> direction up our western coast, and its centre now lies to the NW<sup>wd</sup> of the Hebrides. Pressure though lower generally than it was yesterday, is still highest over France, and moderate gradient for SW<sup>ly</sup> breezes prevail over the United Kingdom. The winds reported are generally SW<sup>ly</sup>, and vary in force from a light breeze on our SE. coast to a fresh breeze in the W. and NW. Temperature has decreased a little in Ireland, but is high in our Islands for the time of year. In Central France frost still prevails. Cloudy, showery weather is reported from our western and north-western districts, but over England the weather is fine generally.

The sea is rather rough in the south-west, moderate on our western coast, smooth, or nearly so in the south and south-east.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon on the

31<sup>st</sup> DECEMBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1   SCOTLAND NORTH	SW <sup>ly</sup> winds, fresh to moderate, changeable, some rain.	6   SCOTLAND WEST	SW <sup>ly</sup> breezes, fresh to moderate, cloudy, some rain at times.
2   SCOTLAND EAST	SW <sup>ly</sup> breezes, moderate; cloudy, some local showers, otherwise fair.	7   ENGLAND N.W.	D° ——— D° ——— D°
3   ENGLAND N.E.	———— D° ——— D° ——— D°	8   ENGLAND S.W.	———— D° ——— D° ——— D°
4   ENGLAND EAST	SW <sup>ly</sup> breezes, light; fine.	9   IRELAND NORTH	SW <sup>ly</sup> and S <sup>ly</sup> breezes, fresh; changeable, rain at times.
5   MIDLAND COUNTIES	SW <sup>ly</sup> breezes, moderate; fair.	10   IRELAND SOUTH	D° ——— D° ——— D°
6   ENGLAND SOUTH	SW <sup>ly</sup> breezes, light to moderate, fair.	WARNINGS	
		The signals hoisted in districts 6, 7, 8 and 10 during the past two days have been lowered this morning.	



# METEOROLOGICAL OBSERVATIONS FOR

30<sup>th</sup> DEC.

1881.

† 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.			
			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 ...	29.54	2	Z	0	b	29.55	- 01	- 8	- 8	- 12	Z	0	b	*	5	2	-			
Hernösand ...	29.67	28	Z	0	b	29.45	- 27	31	31	+ 2	SSW	2	b	*	?	27	0.28			
Stockholm ...	29.58	34	W	2	A	29.54	- 15	41	40	+ 5	W	4	b	*	45	36	0.04			
Wisby ...	29.75	41	WSW	4	bc	29.69	- 12	41	41	+ 1	W	6	o	*	41	37	-			
Bodö ...	29.55	29	WNW	2	c	29.54	- 07	22	21	- 5	E	2	c	1	?	?	0.08			
Christiansund ...	29.31	46	WSW	9	c	29.52	- 10	40	40	+ 8	WNW	4	n	5	46	25	0.02			
†Skudesnaes ...	29.72	45	WSW	4	A	29.67	- 14	43	43	- 1	SSW	4	n	5	45	?	-			
Oxö (Xiansund) ...	29.73	44	SW	8	f	29.73	- 17	44	44	+ 2	SW	4	f	3	45	?	-			
Skagen (The Skaw) ...	29.80	42	W	5	o	29.78	- 13	44	43	+ 2	W	4	m	4	45	39	0.04			
Fanö ...	30.00	42	WSW	4	o	29.93	- 17	43	43	+ 3	WSW	4	m	*	43	39	-			
Cuxhaven ...																				
†Sumburgh Head ...	29.55	46	W	4	bc	29.38	- 16	45	42	- 3	S	3	b	4	49	43	0.05			
†Stornoway ...	29.62	45	SSW	3	m	29.27	- 26	43	42	- 7	SW	4	o	4	50	38	0.55			
Wick ...	29.55	45	W	2	bc	29.21	- 29	45	43	- 2	S	5	o	4	50	42	-			
Nairn ...	29.69	44	W	3	bc	29.38	- 25	45	42	- 6	SW	2	bc	1	52	44	0.01			
†Aberdeen ...	29.76	43	SSW	2	bc	29.48	- 29	46	45	- 2	SSW	4	bc	2	52	40	-			
Leith ...	29.79	52	W	1	o	29.57	- 24	50	46	0	W	5	A	*	53	44	0.08			
†Shields ...	29.90	50	WSW	2	o	29.69	- 29	49	47	+ 1	WSW	4	o	2	50	47	0.01			
Spurn Head ...	30.02	42	SSE	3	b	29.86	- 28	41	40	+ 3	S	3	bc	2	46	36	-			
York ...	29.98	46	S	1	o	29.81	- 28	44	42	+ 7	S	2	bc	*	48	35	-			
Nottingham ...	30.05	45	SSW	3	c	29.89	- 28	43	42	+ 3	SSW	3	bc	*	48	39	-			
†Ardrossan ...	29.80	46	SSW	3	c	29.60	- 21	46	45	- 2	SW	5	b	4	48	44	0.09			
†Mullaghmore ...	29.78	47	SW	5	o	29.60	- 19	43	41	- 7	SW	4	cgg	3	50	40	0.08			
Donaghadee ...	29.85	45	WSW	2	c	29.66	- 20	45	44	- 4	SSW	3	b	1	51	43	0.04			
Parsonstown ...	29.86	45	Z	0	c	29.73	- 17	44	42	- 8	S	1	e	*	52	42	0.06			
Barrow-in-Furness ...	29.90	46	SSW	4	n	29.75	- 28	46	46	+ 2	S	5	o	4	47	42	0.57			
†Holyhead ...	29.92	51	SSW	6	m	29.76	- 25	50	49	+ 1	SSW	4	m	3	51	48	0.49			
Liverpool (Bidston) ...	29.95	53	SW	5	o	29.80	- 26	49	47	+ 3	S	3	o	3	54	42	-			
†Valencia ...	29.84	51	S	5	o g	29.76	- 16	47	44	- 5	WSW	5	cu	5	53	45	0.11			
Roche's Point ...	29.85	54	SW	5	n	29.79	- 17	47	45	- 4	WSW	3	e	4	53	45	0.10			
Pembroke ...	29.01	50	WSW	4	o	29.84	- 27	48	48	- 2	SW	3	d	3	52	48	0.10			
†Scilly ...	30.08	51	SSW	6	c	29.92	- 24	51	51	0	SSW	6	o	5	53	49	-			
Prawle Point ...	30.16	50	SSW	4	c	29.99	- 26	48	46	- 1	SSW	4	o	4	52	46	-			
Hurst Castle ...	30.18	48	WSW	5	bc	30.03	- 25	46	44	- 2	WSW	5	e	3	48	44	-			
†Dover ...	30.21	45	WSW	3	bc	30.05	- 25	42	42	- 3	SW	3	bcg	3	46	42	-			
†London ...	30.18	41	SW	2	b	30.03	- 25	41	40	- 3	SW	2	e	*	47	40	-			
Oxford ...	30.12	45	SSW	2	o	29.98	- 26	41	40	- 3	S	2	bm	*	49	41	-			
Cambridge ...	30.19	43	S	1	o	29.98	- 25	40	40	0	S	1	e	*	46	38	-			
†Yarmouth ...	30.12	41	SW	3	b	30.00	- 23	43	42	+ 5	SW	3	bc	2	44	37	-			
The Helder ...	30.15	44	WSW	3	o	30.04	- 18	39	39	- 3	SSW	3	f	2	45	39	-			
Cape Gris Nez ...	30.20	39	S	4	m	30.08	- 22	33	32	- 13	S	3	f	2	?	32	-			
†Jersey ...	30.26	44	SSW	2	om	30.08	- 27	38	37	- 5	SW	2	o	2	46	36	-			
Brest ...	30.20	49	S	4	o	30.03	- 26	48	45	+ 2	SW	4	o	4	50	41	-			
Lorient ...	30.21	43	SE	4	m	30.06	- 24	39	38	- 4	SE	4	m	4	45	36	-			
†Rochefort ...	30.26	41	N	4	b	30.10	- 23	35	?	0	ESE	4	b	2	48	30	-			
Biarritz ...																				
Corunna ...	*	*	*	*	*			*							*	*	*			
Brussels ...	*	*	*	*	*	30.12	- 24	28	28	- 7	Z	0	f	*	38	28	-			
Charleville ...	30.32	27	SSW	4	m	30.16	- 24	24	22	- 4	SSW	4	b	*	37	23	-			
Paris ...	30.30	29	ESE	1	f	30.13	- 27	23	27	+ 1	ESE	3	o	*	*	*	-			
Lyons ...	30.36	34	W	1	m	30.25	- 22	?	25	?	E	1	?	*	35	22	-			
Toulon ...	30.31	51	Z	0	b	30.27	- 07	44	42	- 8	NE	4	b	2	54	43	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.66	45	WSW	5	n	28.52	- 26	43	43	0	SW	4	n	*	46	41	1.06			

## HIGH LEVEL STATION.

Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

Hawes Junction	28.66	45	WSW	5	n	28.52	- 26	43	43	0	SW	4	n	*	46	41	1.06
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.71	45	44	SW	6	af	5	Valencia ...	29.91	51	49	SSW	4	cm	4
Sumburgh Head	29.51	48	47	W	5	bc	5	Scilly ...	30.11	53	53	SSW	6	o	4
Stornoway ...	29.60	49	46	SW	4	o	4	Dover ..	30.23	45	43	WSW	4	bc	3
Aberdeen ...	29.72	49	47	SSW	4	bc	2	London ...	30.19	47	45	SSW	2	om	*
Shields ...	29.90	50	48	SW	3	o	2	Yarmouth ...	30.15	44	42	WSW	3	bc	2
Ardrossan ...	29.81	47	47	WSW	3	o	3	Jersey ...	30.24	45	44	SW	3	e	3
Mullaghmore ...	29.80	49	46	SW	5	cg	4	Rochefort ...	30.20	41	41	SE	3	m	2
Holyhead ...	29.95	50	49	SSW	6	d	4								

A slight recovery of pressure has taken place at our extreme NW<sup>th</sup> stations, but at Valencia the barometer has recommenced falling since noon, with a SSW<sup>ly</sup> breeze, but not much else.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

F O R

SATURDAY, 31<sup>ST</sup> DECEMBER,

1881.

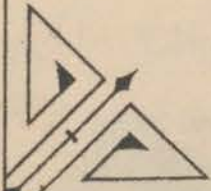
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ISSUED BY THE  
METEOROLOGICAL OFFICE

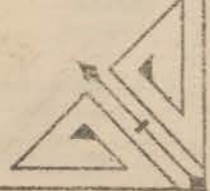
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ROBERT H. SCOTT  
(SECRETARY.)



*Fred<sup>o</sup> Dangerfield, Lith. 22, Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on SATURDAY 31<sup>ST</sup> DECEMBER

1881

## BAROMETER, WIND & SEA

### Explanation of Map.

Barometer. Isohars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

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

→ forces above 10; → forces 5 to 10

→ forces 3 to 7; → forces 1 to 3.

○ = dead calm.

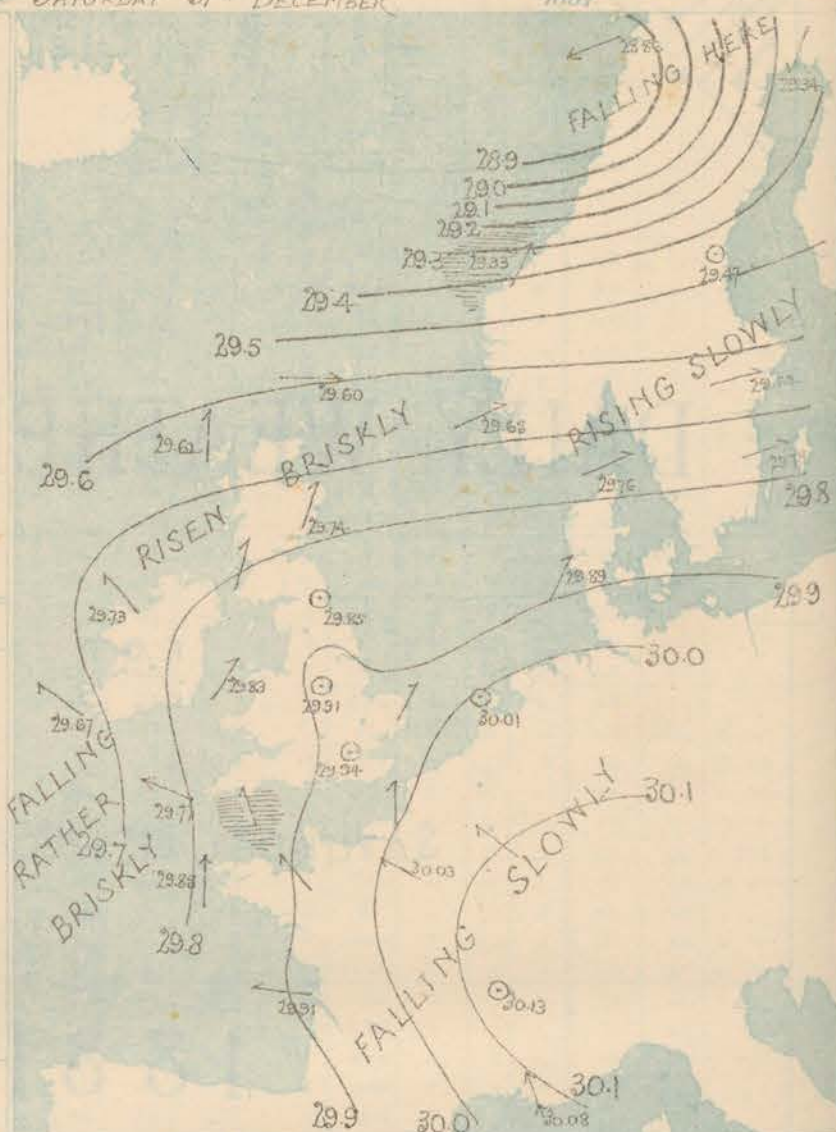
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough, — High.

## MEAN<sup>\*</sup> HEIGHT of the BAROMETER

for the month of December

Stations	Mean Readings Inch
Naze	29.728
Aberdeen	29.740
Leith	29.792
Scarborough	29.857
Ardrossan	29.804
Greenock	29.791
Holyhead	29.887
Valentia	29.846
Roche's Pt.	29.837
Plymouth	29.832
LONDON	29.916
Wormouth	29.881

\* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

### Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

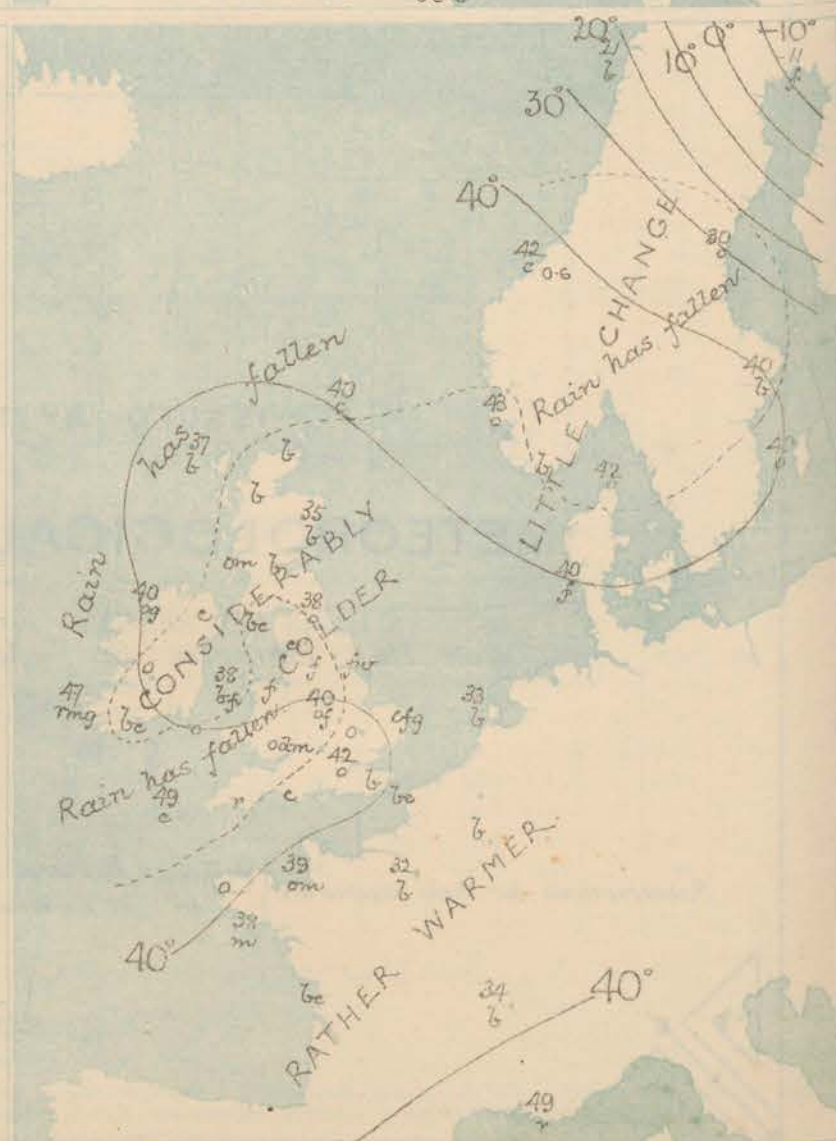
Falls of 0.5 in. or more, are quoted in figures.

## MEANS<sup>\*</sup> OF TEMPERATURE AND RAINFALL

for the month of December

Stations	Temp	Rain-fall
Sumburgh Head	41.2	2.82
Sarnesey	41.5	0.09
Aberdeen	39.5	2.96
Shields	39.2	2.79
York	39.9	2.87
Malborough	42.0	?
Holyhead	43.4	4.07
Parsonstown	42.6	0.08
Valentia	42.6	0.42
Sally (St Mary's)	46.7	1.02
Hurst Castle	43.2	?
Dover	40.0	3.54
LONDON	41.0	2.19
Wormouth	40.3	3.42

\* The mean temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.





## REMARKS

for... Saturday 31<sup>st</sup> DEC<sup>r</sup> 1881... at 8 a.m.

In the course of the past night the barometer has begun to fall somewhat briskly at our south-western stations, while it has risen quietly in the north. The depression noticed off our northern coasts yesterday has passed away to the north-eastward, but a new one is apparently approaching our south-west coasts, where the wind has backed to SE., and is freshening, with rain. Temperature has fallen considerably over Great Britain, the present readings ranging from 32° at York, 35° at Aberdeen and 39° at Yarmouth to 47° at Valencia and 48° at Sicily. Very light variable breezes prevail except on our south-west coasts, where the wind is fresh from SE. Fine weather prevails over all our northern districts, but overcast skies are reported in the south and south-west, with rain in some places.

The sea is moderate in the SW., slight or smooth elsewhere.

MAP SHOWING  
DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

1<sup>st</sup> JANUARY 1882.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS		FORECASTS	DISTRICTS		FORECASTS
1	SCOTLAND NORTH	Wind varying, finally becoming SE <sup>ly</sup> and increasing; fine to rainy.	6	SCOTLAND WEST	Varying SE <sup>ly</sup> and S <sup>ly</sup> winds; fair to rainy and unsettled.
2	SCOTLAND EAST	-----D°-----D°-----D°-----	7	ENGLAND N. W.	-----D°-----D°-----D°-----
3	ENGLAND N. E.	Wind becoming SE <sup>ly</sup> , and increasing in strength, with dull, rainy, weather.	8	ENGLAND S. W.	SE <sup>ly</sup> to SW <sup>ly</sup> winds, strong; rainy, changeable.
4	ENGLAND EAST	-----D°-----D°-----D°-----	9	IRELAND NORTH	SE <sup>ly</sup> and S <sup>ly</sup> winds, strong; rainy and unsettled.
5	MIDLAND COUNTIES	-----D°-----D°-----D°-----	10	IRELAND SOUTH	-----D°-----D°-----D°-----
6	ENGLAND SOUTH	SE <sup>ly</sup> and S <sup>ly</sup> winds, freshening considerably; dull, then rainy and unsettled.	WARNINGS		NONE ISSUED



# METEOROLOGICAL OBSERVATIONS FOR

31<sup>st</sup> DEC.

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.		
Haparanda	29.77	-17	Z	0	b	29.34	-0.21	-11	-11	-3	NE	2	f	*	?	-17	-
Hernösand	29.88	26	Z	0	0	29.47	+0.02	30	30	-1	Z	0	0	*	32	23	0.12
Stockholm	29.70	36	SW	2	0	29.62	+0.08	40	38	-1	W	4	b	*	46	36	0.04
Wisby	29.76	41	WSW	4	0	29.78	+0.09	40	39	-1	W	6	0	*	45	37	-
Bodö	29.57	17	E	2	b	28.86	-0.65	21	19	-1	ENE	6	b	3	23	14	-
Christiansund	29.26	33	SE	2	h	29.53	-0.19	42	39	+1	SW	7	c	5	41	28	0.59
†Skudesnaes	29.58	44	SSW	4	e	29.68	+0.01	43	41	0	WSW	4	0	4	45	43	-
Oxö (Christiansund)	29.68	44	SW	6	t	29.71	-0.02	42	41	-2	WSW	4	b	3	45	41	0.08
Skagen (The Skaw)	29.75	43	WSW	5	0	29.76	-0.02	42	42	-2	WSW	3	0	4	?	41	0.04
Fanö	29.90	41	SSW	4	0	29.89	-0.04	40	40	-3	SW	2	f	*	43	39	-
Cuxhaven																	
†Sumburgh Head	29.53	43	WSW	6	h	29.60	+0.22	40	38	-5	W	3	c	4	49	39	0.30
†Stornoway	29.41	38	SSW	3	bc	29.62	+0.35	37	36	-6	S	3	b	3	43	35	0.42
Wick	29.37	41	SW	4	b	29.68	+0.37	36	35	-9	SW	1	b	2	45	33	-
Nairn	29.50	38	SW	2	b	29.70	+0.32	38	36	-7	Z	0	b	1	45	37	0.02
†Aberdeen	29.55	40	SW	3	b	29.74	+0.25	35	34	-11	SSW	1	b	1	47	33	-
Leith	29.61	46	W	1	0	29.80	+0.23	40	37	-10	W	1	b	*	51	38	-
†Shields	29.70	46	WSW	3	6	29.85	+0.16	38	37	-11	Z	0	0	2	51	36	-
Spurn Head	29.81	43	SSW	3	e	29.87	+0.01	39	38	-2	WSW	1	f	2	46	38	-
York	29.80	45	S	1	bc	29.90	+0.09	32	31	-12	Z	0	f	*	48	31	0.02
Nottingham	29.86	46	S	3	0	29.91	+0.02	40	40	-3	W	1	of	*	49	40	0.01
†Ardrossan	29.66	46	WSW	4	bc	29.79	+0.19	43	43	-3	SSW	3	om	2	46	41	0.01
†Mullaghmore	29.66	42	SW	5	bc	29.73	+0.13	40	38	-3	SE	3	ag	3	46	40	0.05
Donaghadee	29.74	39	WSW	2	b	29.81	+0.15	35	35	-10	SSW	1	c	0	48	34	-
Parsonstown	29.79	42	SW	1	0	29.78	+0.05	37	35	-7	SE	1	0	*	47	35	-
Barrow-in-Furness	29.79	44	SSW	3	c	29.85	+0.10	39	39	-7	NE	2	bc	3	47	39	0.01
†Holyhead	29.79	47	WSW	3	c	29.83	+0.07	38	38	-12	SW	1	fb	0	50	37	-
Liverpool (Bidston)	29.81	45	SW	2	e	29.86	+0.06	35	34	-14	SE	2	f	2	49	35	0.08
†Valencia	29.81	43	SW	1	0	29.67	-0.09	47	46	0	ESE	4	amg	4	50	40	0.08
Roche's Point	29.76	42	W	3	bc	29.77	-0.02	47	45	0	SSE	4	bc	4	51	37	-
Pembroke	29.84	49	SW	2	b	29.82	-0.02	45	45	-3	E	1	0	2	50	38	0.12
†Scilly	29.87	49	WSW	3	0	29.77	-0.15	49	48	-2	ESE	5	c	3	52	44	0.02
Prawle Point	29.91	50	SSW	3	0	29.86	-0.13	47	46	-7	SSE	4	h	5	51	46	0.18
Hurst Castle	29.94	46	SW	3	bc	29.88	-0.15	45	44	0	SSW	2	c	2	48	44	-
†Dover	29.97	41	W	3	b	29.94	-0.11	43	42	+1	SW	3	b	2	47	37	-
†London	29.95	38	SW	2	bm	29.94	-0.09	42	41	+1	SW	1	c	*	45	36	-
Oxford	29.92	44	SSE	1	0	29.90	-0.08	44	44	+3	S	1	om	*	49	41	0.05
Cambridge	29.83	40	S	1	c	29.89	-0.09	42	41	+2	ENE	1	0	*	48	36	-
†Yarmouth	29.91	40	SW	3	bc	29.93	-0.07	39	38	-4	SW	2	cfq	2	44	34	-
The Helder	30.00	35	?	1	f	30.01	-0.03	33	32	-6	Z	0	b	1	?	32	-
Cape Gris Nez	29.98	36	SSW	4	b	29.94	-0.14	36	36	+3	S	1	bc	0	41	30	-
†Jersey	30.00	45	S	2	om	29.93	-0.15	39	39	+1	SE	2	om	2	46	37	-
Brest	29.96	50	SW	4	0	29.88	-0.15	44	43	-4	S	4	0	3	52	43	-
Lorient	29.97	44	SSE	4	m	29.87	-0.19	38	38	-1	ESE	4	m	3	46	36	-
†Roche fort	29.99	43	SE	3	m	29.91	-0.19	37	37	+2	ESE	4	bc	2	48	30	-
Biarritz																	
†Corunna	*	*	*	*	*	29.87	-0.24	42	*	?	ESE	1	b	1	*	*	*
Brussels	*	*	*	*	*									*	*	*	
Charleville	29.06	35	S	3	b	29.04	-0.12	25	24	+1	ESE	4	b	*	46	?	-
Paris	30.03	34	SE	1	b	30.03	-0.10	32	31	+4	ESE	4	b	*	*	*	-
Lyons	30.18	39	SW	1	b	30.13	-0.12	34	32	?	WSW	1	b	*	45	33	-
Toulon	30.19	49	SE	5	0	30.08	-0.19	49	42	+5	SSE	8	h	4	52	29	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.52	42	W	4	0	28.31	-0.29	35	35	-8	S	1	c	*	44	34	0.24

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.55	44	44	SSW	8	2 f	6	Valencia ...	29.78	48	43	WSW	4	bc p	5
Sumburgh Head	29.19	43	40	WSW	6	n	6	Scilly ...	29.87	52	51	WSW	3	0	4
Stornoway ...	29.37	41	40	S	4	b	3	Dover ..	29.97	42	40	WSW	3	b	2
Aberdeen ...	29.52	45	42	SW	4	b	2	London ...	29.96	45	43	SSW	3	c	*
Shields ...	29.70	51	47	WSW	4	c	2	Yarmouth ...	29.94	42	41	SW	3	bc	2
Ardrossan ...	29.61	43	43	SW	5	c	4	Jersey ...	30.00	46	45	SW	2	c	3
Mullaghmore ...	29.63	45	42	WSW	5	pcq	5	Roche fort ...							
Holyhead ...	29.77	49	47	SW	4	b	3								

The depression in the N. is passing off and no other change of importance has occurred since the morning

## 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 our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark.

and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

† Received too late for insertion in chart.



## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR DEC. 1881.

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

DATE.	STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.		WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
				Dir.	Force. (0 to 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>	Silly	29.76	51	W	5	2		30.04	+ .30	50	45	- 3	WNW	6	6	53	47	0.60
	Corunna	*	*	*	*	*		30.34	+ .24	49	*	- 8	SE	1	6	*	*	*
2 <sup>nd</sup>	Silly 2pm	-	-	-	-	-		30.13	-	52	48	-	W	6	6	-	-	-
	Silly	30.13	51	SW	6	0		30.13	+ .09	54	53	+ 4	SW	6	6	54	47	0.02
3 <sup>rd</sup>	Silly 2pm	-	-	-	-	-		30.08	-	55	54	-	SW	6	6	-	-	-
	Silly	30.05	54	SSW	7	0		29.89	- .24	52	52	- 2	S	6	6	56	49	0.68
	Cape G. Key	30.22	50	SW	4	6		30.24	- .05	39	37	- 11	S	2	2	54	37	0.12
	Brest	30.23	54	SW	7	0		30.04	- .23	53	52	0	SSW	7	5	55	52	0.04
	Biarritz	30.38	50	E	3	6		30.16	-	37	86	- 10	S	5	5	57	32	*
	Corunna	*	*	*	*	*		30.05	?	48	*	?	WNW	1	0	5	*	*
	Silly 2pm	-	-	-	-	-		29.95	-	49	48	-	N	6	6	-	-	-
4 <sup>th</sup>	Silly	30.00	49	WNW	6	0		30.17	+ .28	45	43	- 4	WSW	4	6	52	43	0.27
5 <sup>th</sup>	Stonaway	29.76	45	SSW	7	0		29.83	- .06	40	39	- 3	WSW	3	6	45	39	0.06
	Silly	30.15	50	SW	6	0		30.18	+ .01	51	49	+ 6	W	5	6	52	44	0.24
	Biarritz	30.32	54	NW	4	6		30.42	+ .16	46	48	+ 2	SW	4	4	57	43	0.08
	Corunna	*	*	*	*	*		30.40	+ .07	?	?	?	SE	1	6	*	*	*
	Silly 2pm	-	-	-	-	-		30.25	-	52	50	-	WNW	6	6	-	-	-
6 <sup>th</sup>	Silly	30.25	52	W	5	0		30.04	- .14	52	52	+ 1	S	8	6	52	48	0.01
	Corunna	*	*	*	*	*		30.41	+ .01	53	5	?	SE	1	6	*	*	*
	London	30.33	46	Z	0	6		30.36	.00	46	43	+ 1	Z	0	6	48	45	-
	Silly 2pm	-	-	-	-	-		29.83	-	55	55	-	SSW	8	6	-	-	-
7 <sup>th</sup>	Bomborough Hd.	29.40	43	SE	6	2		28.87	- .93	46	44	- 5	SW	7	6	46	35	0.23
	Silly	29.85	51	W	6	2		29.47	- .17	48	46	- 4	WNW	7	6	55	46	0.26
	Biarritz	30.34	55	S	3	6		30.15	- .28	55	51	+ 2	WSW	3	6	59	48	-
	Corunna	*	*	*	*	*		30.38	- .03	53	*	0	NW	3	6	*	*	*
	Silly 2pm	-	-	-	-	-		29.97	-	50	47	-	WNW	9	6	-	-	-
8 <sup>th</sup>	Silly	30.04	49	WNW	8	0		29.46	+ .09	47	45	- 1	WNW	7	6	51	45	0.07
	The Helder	29.83	45	WSW	1	6		29.88	+ .06	44	41	+ 2	WSW	1	6	46	41	0.16
	Corunna	*	*	*	*	*		30.25	- .13	45	*	- 8	SE	1	6	*	*	*
	Silly 2pm	-	-	-	-	-		29.89	-	48	47	-	WSW	6	6	-	-	-
9 <sup>th</sup>	Silly	29.86	47	W	6	0		29.63	- .33	45	43	- 2	WNW	6	6	48	43	0.24
	Corunna	*	*	*	*	*		29.91	- .34	44	*	- 1	ESE	1	6	*	*	*
	Silly 2pm	-	-	-	-	-		29.54	-	44	43	-	WNW	6	6	-	-	-
10 <sup>th</sup>	Silly	29.55	44	WNW	6	0		29.64	+ .01	43	42	- 2	N	6	6	45	39	0.21
	Silly 2pm	-	-	-	-	-		29.67	-	45	42	-	E	5	6	-	-	-
11 <sup>th</sup>	Silly	29.70	44	NW	4	0		29.76	+ .12	41	40	- 2	Z	0	6	45	39	0.21
12 <sup>th</sup>	Silly	29.84	45	WNW	1	0		30.04	+ .28	45	42	+ 4	WNW	5	6	49	40	-
	Corunna	*	*	*	*	*		30.07	?	40	*	?	ESE	1	6	*	*	*
	Silly 2pm	-	-	-	-	-		30.04	-	47	46	-	WNW	6	6	-	-	-
13 <sup>th</sup>	Silly	30.26	47	N	6	0		30.19	+ .15	44	41	- 1	ENE	5	6	47	42	-
	Biarritz	30.10	34	E	4	6		30.12	+ .12	37	36	+ 4	S	5	6	43	32	0.32
	Corunna	*	*	*	*	*		30.23	+ .16	42	*	+ 2	SE	1	6	*	*	*
	Silly 2pm	-	-	-	-	-		30.23	-	46	44	-	SE	3	6	-	-	-
14 <sup>th</sup>	Mullaghmore	29.96	43	S	8	2		29.94	- .15	42	41	+ 1	NW	5	6	46	40	0.38
	Silly	30.25	45	SE	3	0		30.15	- .04	43	47	+ 4	SSW	7	6	48	42	0.02
	Corunna	*	*	*	*	*		30.28	+ .05	38	*	- 4	SE	1	6	*	*	*
	London	30.08	47	ESE	7	6		30.10	+ .11	49	44	+ 8	E	7	6	50	39	-
	Silly 2pm	-	-	-	-	-		30.15	-	49	49	-	N	6	6	-	-	-
15 <sup>th</sup>	Silly	30.16	49	N	5	0		30.06	- .09	45	42	- 3	N	3	6	49	43	0.28
	Biarritz	30.28	35	E	4	0		30.15	- .26	28	27	- 2	E	3	6	41	21	-
	Corunna	*	*	*	*	*		30.14	- .14	44	*	+ 6	SE	1	6	*	*	*
	London	30.13	49	ESE	4	6		30.04	- .06	48	40	- 4	WNW	3	6	52	46	-
	Silly 2pm	-	-	-	-	-		29.95	-	47	43	-	Z	0	6	-	-	-
16 <sup>th</sup>	Bomborough	29.89	38	ESE	1	6		29.59	- .58	46	44	+ 10	S	3	6	47	36	0.16
	Silly	29.93	44	Z	0	6		29.63	- .43	48	47	+ 3	SW	6	6	49	41	0.29
	Silly 2pm	-	-	-	-	-		29.62	-	42	41	-	N	2	6	-	-	-
17 <sup>th</sup>	Silly	29.52	41	SSW	2	0		29.40	- .23	51	50	+ 3	WSW	9	6	51	38	1.16
	The Helder	29.87	39	SSW	5	0		29.79	- .16	46	46	+ 10	SSW	4	6	?	36	0.16
	Brest	29.62	46	SW	5	2		29.38	- .22	52	50	+ 4	WSW	7	6	50	45	0.32
	Biarritz	29.82	47	S	4	6		29.93	- .02	51	48	+ 6	SW	7	6	52	43	0.16
	Corunna	*	*	*	*	*		30.00	+ .02	54	*	+ 18	SW	7	6	*	*	*
	Silly 2pm	-	-	-	-	-		29.30	-	54	53	-	WSW	10	6	-	-	-
18 <sup>th</sup>	Silly	29.30	53	W	8	2		29.55	+ .15	47	44	- 4	WNW	10	6	54	43	0.35
19 <sup>th</sup>	Haparanda	29.09	19	SE	4	0		28.86	- .102	19	19	- 1	NE	4	6	21	16	0.22
	Helsingfors	28.63	34	NNE	8	3		28.61	- .060	30	30	- 3	Z	0	6	37	28	0.39
	Stockholm	28.40	33	NNE	2	3		28.82	- 1.17	36	33	+ 4	SW	6	6	41	32	0.51
	Silly	29.65	41	WNW	10	0		29.65	+ .010	48	46	+ 1	W	5	6	48	43	0.11
	Silly 2pm	-	-	-	-	-		29.60	-	49	46	-	WSW	6	6	-	-	-
20 <sup>th</sup>	Silly	29.55	48	WSW	6	0		29.30	- .35	45	42	- 3	WNW	11	6	49	41	0.25
	Silly 2pm	-	-	-	-	-		29.39	-	48	46	-	WNW	11	6	-	-	-
21 <sup>st</sup>	Bomborough	29.19	46	W	10	6		29.65	+ .72	44	39	0	WNW	5	6	47	40	0.01
	Silly	29.48	47	WNW	11	0		29.74	+ .44	46	44	+ 1	WNW	7	6	49	41	0.14
	Silly 2pm	-	-	-	-	-		29.85	-	46	44	-	WNW	4	6	-	-	-
22 <sup>nd</sup>	Bomborough	29.85	44	W	2	6		29.80	+ .15	39	37	- 5	ENE	3	6	45	38	-
	Silly	29.87	46	Z	0	0		29.89	- .15	45	45	- 1	ESE	9	6	48	43	0.07
	The Helder	29.69	40	NW	1	2		29.86	+ .69	42	40	+ 2	WSW	3	6	43	39	0.16
	Corunna	*	*	*	*	*		29.82	+ .09	58	*	+ 4	SW	4	6	*	*	*
	Silly 2pm	-	-	-	-	-		29.67	-	45	45	-	ENE	8	6	-	-	-
23 <sup>rd</sup>	Bomborough	30.07	37	ESE	2	6		30.39	+ .89	36	34	- 4	NE	1	6	41	35	-



## 1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY --(continued.)

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.							PAST 24 HOURS.				
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
				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.	
25th	Sally	29.90	46	NE	1	0	30.36	+ .74	41	39	- 4	E	2	6	5	46	39	0.26
	The Elder	29.98	41	NW	1	0	30.21	+ .35	39	38	- 3	N	1	6	1	43	39	0.08
	Cape Gris Neg.	29.95	33	ESE	1	0	30.28	+ .34	42	39	+ 5	N	5	60	3	41	32	-
	Lorient	29.71	44	E NE	14	0	30.29	+ .73	39	36	- 6	NE	4	6	5	50	37	0.59
	Biarritz	29.91	55	WSW	7	0	30.20	+ .33	52	50	- 4	NW	8	12	5	61	48	0.35
	Corunna	*	*	*	*	*	30.33	+ .45	51	*	- 7	?	1	0	3	*	*	*
	Brussels	*	*	*	*	*	30.23	+ .25	33	32	- 1	SW	1	5	*	39	31	-
	Paris	29.87	47	ESE	3	0	30.22	+ .29	35	32	0	NNE	1	m	*	*	*	-
	Lyon	29.89	38	S	1	0	29.95	- .12	40	40	+ 6	N	1	12	*	41	?	0.43
	Saint	29.99	42	NE	5	1	29.96	- .06	42	42	- 2	E NE	5	12	3	45	41	0.47
26th	Sally 2pm	-	-	-	-	-	30.42	-	47	45	-	SSE	4	60	4	-	-	-
	Sally	30.43	47	S	5	0	30.26	- .10	50	50	+ 0	S	9	0	6	50	40	-
	Corunna	*	*	*	*	*	30.36	+ .03	47	*	- 4	SE	1	0	1	*	*	*
	Sally 2pm	-	-	-	-	-	30.24	-	51	50	-	SSE	8	0	6	-	-	-
26th	Sally	30.25	50	SSE	7	0	30.44	+ .18	51	51	+ 1	SW	3	0	5	51	48	-
	Corunna	*	*	*	*	*	30.34	- .02	?	*	?	NE	4	6	7	*	*	*
26th	Cushamen	30.40	?	SW	6	0	30.24	- .26	37	37	+ 7	WSW	4	12	*	?	27	0.06
	Sally	30.52	50	WSW	3	0	30.60	+ .16	50	50	- 1	SW	2	0	5	53	47	-
	Biarritz	30.50	39	NE	2	0	30.55	+ .14	34	30	+ 6	S	4	6	3	41	25	-
	Corunna	*	*	*	*	*	30.38	+ .04	43	*	?	E	1	6	1	*	*	*
	Lyon	30.60	28	N	1	0	30.71	+ .22	23	22	- 3	N	1	6	*	53	22	-
27th	Sally 2pm	-	-	-	-	-	30.61	-	50	50	-	S	4	6	-	-	-	-
27th	Corunna	*	*	*	*	*	30.47	+ .09	?	*	?	SE	1	6	1	*	*	*
	The Elder	30.56	44	WSW	3	0	30.49	- .04	42	41	- 1	SW	1	0	1	45	41	-
	Brest	30.53	49	SE	4	0	30.50	- .07	43	42	+ 1	SSE	3	0	4	50	39	-
	Biarritz	30.57	45	SE	3	0	30.52	+ .02	46	38	+ 14	SE	3	6	3	52	?	-
	Corunna	*	*	*	*	*	30.48	+ .01	38	*	?	SE	1	6	1	*	*	*
28th	Biarritz	30.45	48	SE	1	0	30.32	- .20	41	39	- 5	ESE	1	6	3	54	39	-
	Corunna	*	*	*	*	*	30.33	- .15	36	*	- 2	NE	1	6	1	*	*	*
	Cushamen	30.13	?	SW	3	0	30.04	- .13	38	38	- 1	WSW	4	0	*	39	36	-
	Biarritz	30.21	46	ESE	3	0	30.08	- .24	48	43	+ 7	S	5	6	2	52	37	-
28th	Corunna	*	*	*	*	*	30.10	- .23	38	*	+ 2	SE	1	0	1	*	*	*
	Cushamen	29.98	?	SW	1	0	29.91	- .13	33	33	- 5	WSW	1	6	*	37	28	-
29th	Brussels	*	*	*	*	*	30.01	- .11	33	32	+ 5	SE	0	6	*	38	32	-
2. CORRECTIONS																		
29th	Pembroke	29.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29th	Christiansund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Stamoway	-	-	-	-	-	30.03	-	49	49	+ 5	-	-	-	-	-	-	-
30th	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Stain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Leith	29.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.55
30th	Rockfort	-	-	SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Spurs Hd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	no rain
30th	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04
30th	Wick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Stain	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-
30th	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Yarmouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.89
30th	Arrossan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Rock's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Sumburgh Head	-	-	-	-	-	30.17	-	-	-	-	-	-	-	-	-	-	-
30th	Stain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06
30th	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Nottingham	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Leith	29.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Stamoway	-	-	-	-	-	29.84	-	31	30	-	-	-	-	-	-	-	-
30th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21
30th	Valencia	-	-	-	-	-	-	-	-	-	-	E NE	1	-	-	-	-	0.12
30th	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Rock's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	34	-
30th	Dart	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Brattle Point	-	-	-	-	-	-	-	48	-	+ 2	-	-	-	-	-	-	-
30th	Holyhead 2pm	-	-	-	-	-	28.89	-	-	-	-	-	-	-	-	-	-	-
30th	Brattle Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Wick	-	-	-	-	-	-	-	42	-	+ 1	-	-	-	-	-	-	0.54
30th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Stain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	no rain
30th	Hawes Junction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Stamoway	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
30th	Leith	30.09	-	-	-	-	-	-	32	32	- 8	-	-	-	-	-	-	-
30th	Rock's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
30th	Dart	-	-	-	-	-	-	-	38	-	- 6	-	-	-	-	-	-	-
30th	Barrow-in-Furness	-	-	-	-	-	-	-	43	45	-	-	-	-	-	-	-	-
30th	Shields 2pm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Wick	-	-	-	-	-	29.25	- 35	-	-	-	-	-	-	-	-	-	-
30th	Pembroke	30.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11