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METEOROLOGICAL OFFICE.

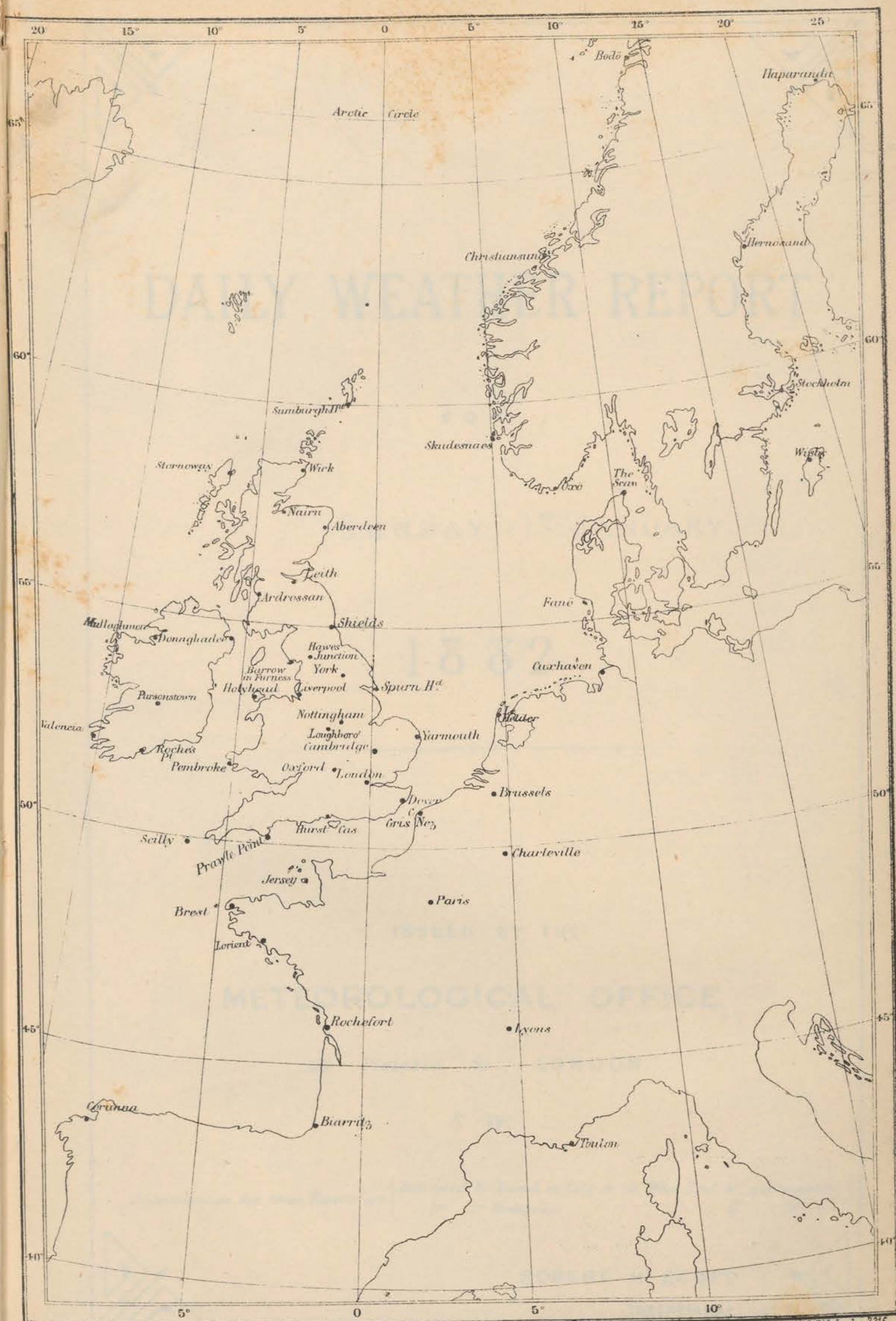
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DAILY WEATHER REPORTS.

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1<sup>ST</sup> JANUARY — 30<sup>TH</sup> JUNE,  
1882.





MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH  
DAILY TO THE METEOROLOGICAL OFFICE, FROM JANY 1<sup>ST</sup> TO JUNE 30<sup>TH</sup> 1882.





# DAILY WEATHER REPORT

FOR

SUNDAY, 1<sup>ST</sup> JANUARY.

1882

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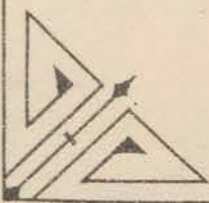
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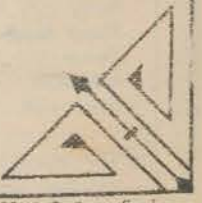
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a m on SUNDAY 1<sup>st</sup> JANUARY 1862

## 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.

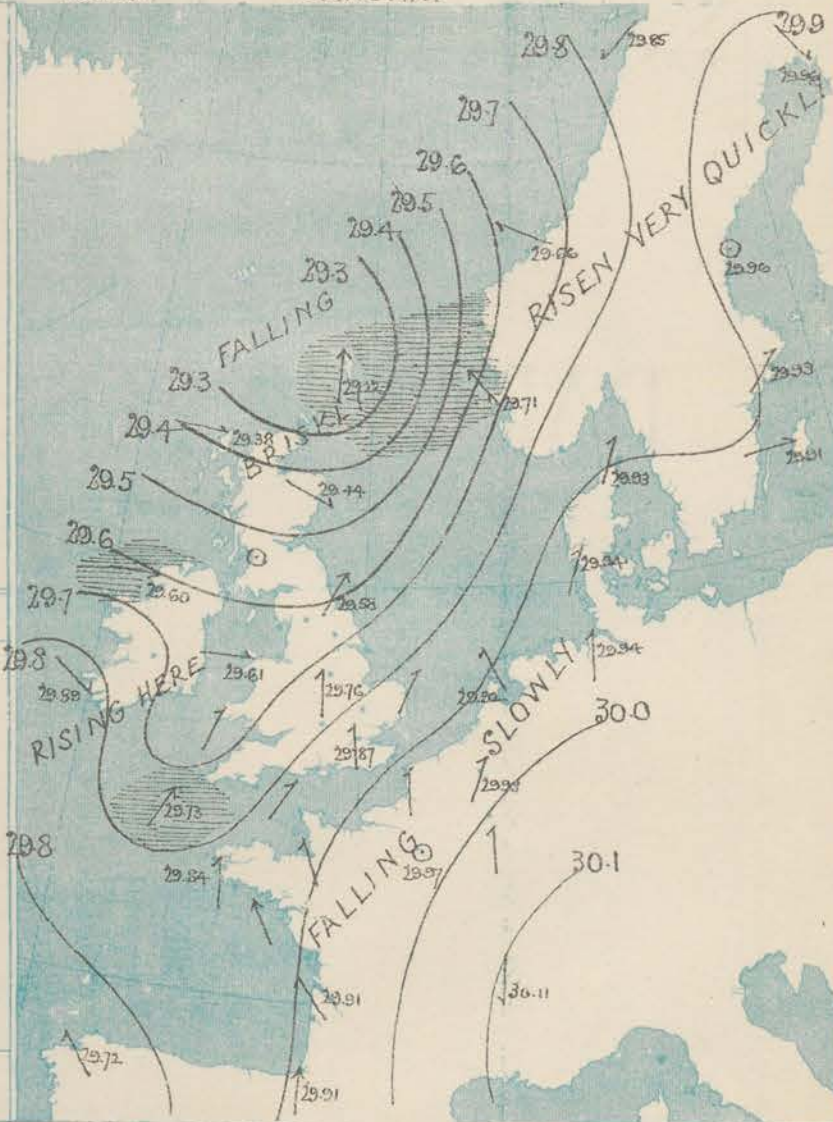
Sea Disturbance; where considerable, is shown by shading round the coast; thus:   
 [shaded] Rough; [unshaded] High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations.	Mean Readings In.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.766
Ardrossan	29.678
Greencastle	29.651
Holyhead	29.730
Valentia	29.721
Roche's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.897

\* 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.

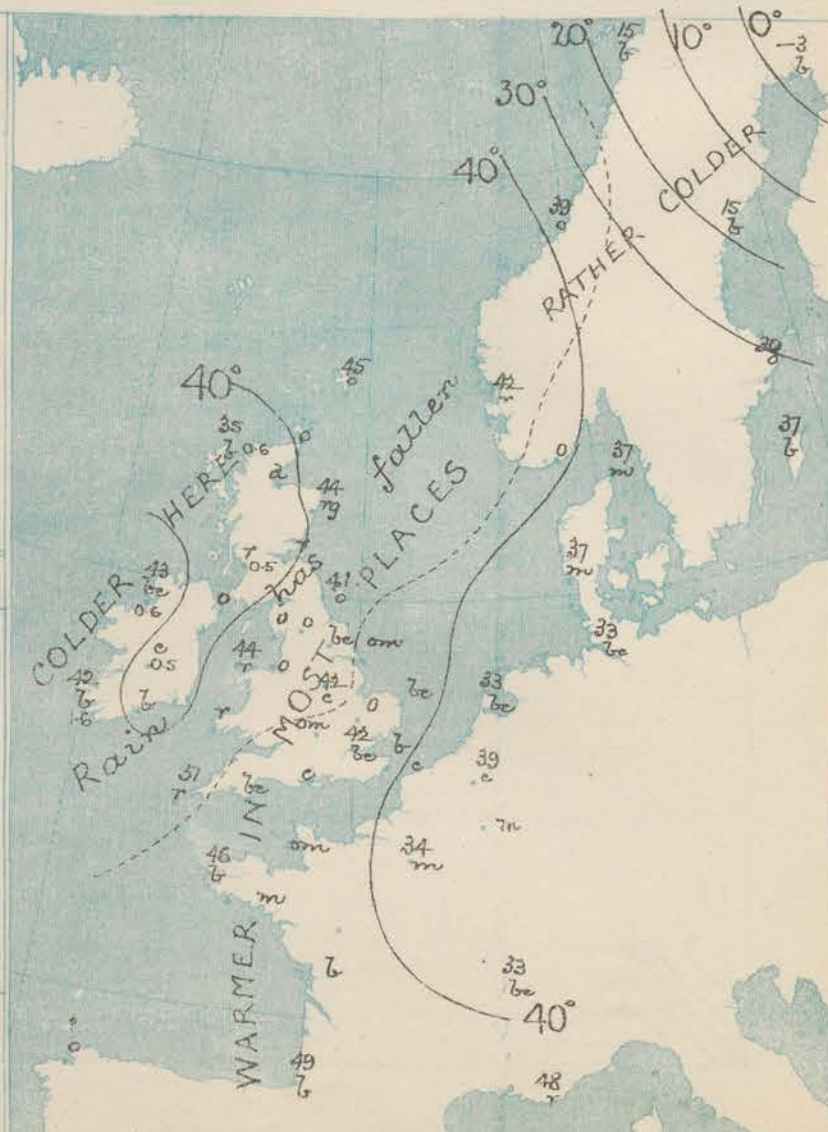
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp	Rain-fall
	°	ins.
Sunderburgh Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.18
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.69

\* 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, 1<sup>ST</sup> JAN 1882 at 8 a.m.

The weather over the British Islands continues in an exceedingly changeable condition. The depression which was advancing towards our south west coasts yesterday morning travelled in a NNE<sup>ly</sup> direction in the course of last evening or the night and is now found to the N<sup>W</sup> of Scotland, while some subsidiary disturbances have appeared over our western districts. The barometer has consequently fallen in all parts of our Islands but is now rising again briskly in the south west as well as at the Continental stations. The wind, after blowing a slight gale from S on our extreme west and north coasts, has now veered to W there and fallen moderate. In the east and south it continues light or moderate in force from SW or S, while in the west of Norway there is a strong SE breeze blowing. Temperature has fallen in the west, risen elsewhere; readings ranging from 51° at Skilly to 35° at Stornoway and Passerstown. The weather is dull and rainy in the W of England and greater part of Scotland, generally fair elsewhere. The sea is moderate generally.

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

### FORECASTS

NONE ISSUED

### WARNINGS

The South Cone was hoisted yesterday afternoon in Districts 6, 7, 8, 9 and 10 but has been lowered again this morning.



# METEOROLOGICAL OBSERVATIONS FOR

1<sup>st</sup> JAN<sup>y</sup>

1882.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.								LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.	Temp. in shade.	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 ...	29.69	17	NE	4	s	29.96	+ .62	- 3	- 3	+ 8	Z	2	b	*	0	18	-
Hernösand ...	29.50	31	Z	0	b	29.96	+ .49	15	15	- 15	Z	0	b	*	30	7	-
Stockholm ...	29.75	35	W	2	b	29.93	+ .31	30	?	- 10	WSW	2	0	*	43	?	-
Wisby ...	29.84	39	W	4	b	29.91	+ .13	37	36	- 3	W	2	b	*	41	37	-
Bodö ...	29.59	18	E	2	b	29.85	+ .99	15	14	- 6	ENE	2	b	*	21	14	-
Christiansund ...	29.65	40	SW	6	h	29.66	+ .33	39	36	- 3	SE	4	0	4	?	28	0.43
†Skudesnaes ...	29.86	42	SE	2	c	29.71	+ .03	42	41	- 1	SE	8	n	5	43	41	-
Oxö (Xiansund) ...	29.88	37	SW	2	bc	29.85	+ .14	41	40	- 1	SSW	4	0	2	43	32	-
Skagen (The Skaw) ...	29.92	37	WSW	3	b	29.93	+ .17	37	36	- 5	SSW	3	m	2	43	32	-
Fanö ...	29.99	39	SSW	2	f	29.94	+ .05	37	37	- 3	SSW	4	m	*	43	36	-
Cuxhaven ...	29.90	?	WSW	1	f	29.94	+ .03	33	33	0	S	2	bc	*	36	30	-
†Sumburgh Head ...	29.68	41	S	2	b	29.22	- .38	45	44	+ 5	S	7	0	6	45	39	0.21
†Stornoway ...	29.56	43	S	6	m	29.38	- .24	35	35	- 2	W	3	b	2	44	33	0.57
Wick ...	29.68	42	S	3	bc	29.27	- .41	41	39	+ 5	SW	3	0	4	45	36	0.07
Nairn ...	29.70	38	Z	0	bc	29.42	- .28	38	37	0	Z	0	d	1	45	35	0.08
†Aberdeen ...	29.75	37	SSW	1	b	29.44	- .30	44	43	+ 9	WNW	2	ag	2	45	33	0.01
Leith ...	29.61	35	W	1	0	29.50	- .30	40	39	0	WSW	3	n	*	47	33	-
†Shields ...	29.78	42	Z	0	m	29.58	- .27	41	40	+ 3	WSW	3	n	6	43	37	-
Spurn Head ...	29.83	41	SSE	8	0	29.73	- .14	40	39	+ 1	S	4	om	2	42	37	-
York ...	29.83	40	S	1	n	29.69	- .21	43	41	+ 11	S	2	bc	*	43	31	0.05
Nottingham ...	29.84	43	SE	2	0	29.76	- .15	42	40	+ 2	S	3	e	*	49	39	0.01
†Ardrossan ...	29.69	39	E	1	c	29.54	- .25	39	39	- 4	Z	0	n	0	43	37	0.47
†Mullaghmore ...	29.44	44	SE	7	n	29.60	- .13	43	39	+ 3	W	5	bc	5	49	40	0.64
Donaghadee ...	29.65	45	SSW	5	c	29.60	- .21	38	38	+ 3	SW	1	0	0	49	34	0.34
Parsonstown ...	29.52	47	SSE	3	0	29.71	- .07	35	34	- 2	Z	0	b	*	49	34	0.51
Barrow-in-Furness ...	29.65	42	SSE	2	0	29.59	- .26	42	42	+ 3	SE	4	0	3	43	37	0.02
†Holyhead ...	29.66	46	SE	3	0	29.61	- .22	44	43	+ 6	W	4	n	3	50	37	0.18
Liverpool (Bidston) ...	29.75	43	SE	3	c	29.63	- .23	43	42	+ 8	SE	3	0	3	43	34	-
†Valencia ...	29.47	52	S	8	g	29.89	+ .22	42	39	- 5	NW	3	b	3	53	40	1.59
Roche's Point ...	29.60	47	SW	5	c	29.70	- .07	39	38	- 8	NW	4	b	4	50	36	0.56
Pembroke ...	29.70	43	SSE	3	c	29.64	- .18	49	48	+ 4	SSW	4	n	3	49	43	0.09
†Scilly ...	29.68	51	SSE	6	po	29.73	- .04	51	51	+ 2	SSW	6	n	5	52	48	0.09
Prawle Point ...	29.79	46	SE	3	b	29.81	- .05	48	47	+ 1	SSW	4	bc	4	49	45	-
Hurst Castle ...	29.84	45	SE	2	c	29.85	+ .03	46	45	+ 1	SW	4	e	3	46	43	-
†Dover ...	29.88	44	SW	3	b	29.90	- .04	45	44	+ 2	SW	3	b	3	45	41	-
†London ...	29.85	43	S	1	0	29.87	- .07	42	41	0	S	2	bc	*	45	41	-
Oxford ...	29.84	43	S	1	0	29.81	- .09	44	43	0	S	1	om	*	46	41	-
Cambridge ...	29.87	43	S	1	0	29.82	- .07	41	40	- 1	S	1	0	*	46	38	-
†Yarmouth ...	29.89	41	SSW	2	bc	29.86	- .07	42	41	+ 3	SSW	3	c	3	43	38	-
The Helder ...	29.96	34	SSE	1	f	29.92	- .03	33	32	- 4	SSE	1	c	1	39	32	-
Cape Gris Nez ...	29.93	38	SSE	3	b	29.92	- .02	39	36	+ 3	S	3	bc	1	43	34	-
†Jersey ...	29.86	40	SSE	3	f	29.91	- .02	42	42	+ 3	SSE	3	om	3	44	39	-
Brest ...	29.79	46	SSE	4	0	29.84	- .04	46	45	+ 2	S	4	b	4	50	43	-
Lorient ...	29.79	47	S	4	m	29.86	- .01	46	45	+ 8	SSE	5	m	4	46	36	-
†Rochefort ...	29.88	43	SE	3	b	29.91	- .00	?	39	?	SE	4	b	2	50	34	-
Biarritz ...	29.92	51	S	5	b	29.91	- .01	49	41	?	S	5	b	3	54	41	-
Corunna ...	*	*	*	*	*	29.72	- .15	?	*	?	SE	1	0	1	*	*	*
Brussels ...	*	*	*	*	*	29.98	- .03	39	37	+ 6	SSW	3	bc	*	44	38	-
Charleville ...	30.02	29	S	1	b	30.04	- .00	30	28	+ 5	S	1	m	*	50	23	-
Paris ...	29.94	37	Z	0	b	29.97	- .06	34	33	+ 2	Z	0	m	*	*	*	-
Lyons ...	30.08	40	S	1	e	30.11	- .02	33	32	- 1	n	1	bc	*	45	?	-
Toulon ...	30.10	42	E	7	n	30.10	+ .02	48	45	- 1	SE	1	n	6	50	41	0.83

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

Hawes Junction	28.53	39	ESE	1	n	28.38	- .43	39	39	+ 4	SSW	3	0	*	40	33	0.02
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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 ...	29.80	43	41	SW	2	f	4	Valencia ...	29.48	50	50	SSE	7	rmg	6
Sumburgh Head ...	29.67	42	40	W	4	c	4	Scilly ...	29.70	52	52	SSW	5	o p d	5
Stornoway ...	29.63	44	42	S	6	0	5	Dover ..	29.89	44	43	SW	3	cm	2
Aberdeen ...	29.77	38	36	SSW	1	b	1	London ...	29.88	45	43	SSE	2	om	*
Shields ...	29.88	41	40	WSW	1	cm	2	Yarmouth ...	29.89	43	42	SW	1	bc	2
Ardrossan ...	29.74	42	42	E	1	0	1	Jersey ...	29.87	42	42	SSE	2	c	2
Mullaghmore ...	29.59	44	42	SE	6	ogm	4	Rochefort ...	29.90	45	43	SE	5	bc	2
Holyhead ...	29.76	46	43	SSE	2	b	1								

The depression noticed in the Sw. this morning is now off the W. of Ireland and is travelling NE<sup>wd</sup> the wind at Valencia is increasing from SSE. and the sea is rising. The S. cone has been hoisted in the W., N., and NE.

## 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, 2<sup>ND</sup> JANUARY.

1882


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ISSUED BY THE  
METEOROLOGICAL OFFICE

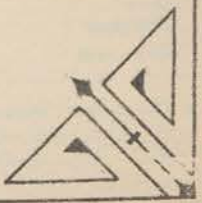
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Monday 2<sup>nd</sup> JANUARY 1888

## 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.

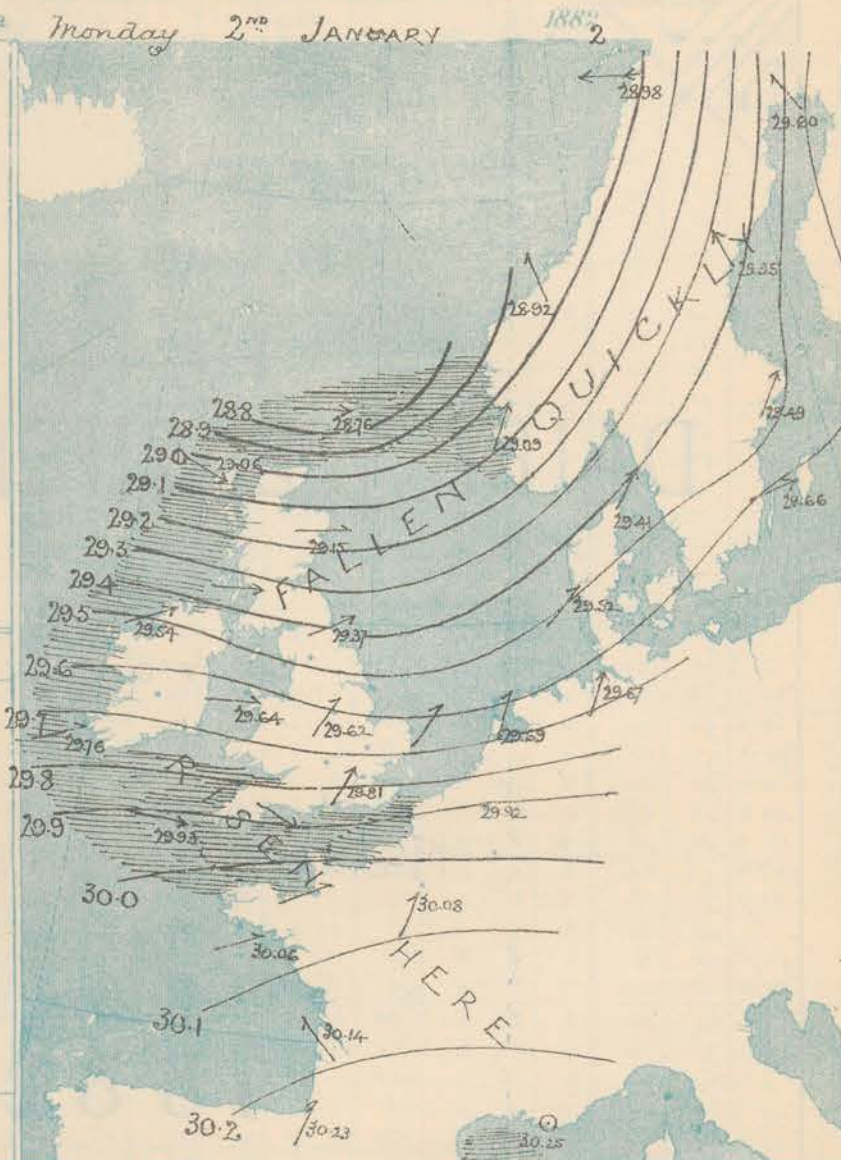
Sea Disturbance, where considerable, is shown by shading round the coast; thus  rough;  High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings, fms.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.706
Ardrossan	29.678
Greenock	29.651
Holyhead	29.730
Valencia	29.721
Roche's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.897

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





# REMARKS

for MONDAY, 2<sup>ND</sup> JANY 1882. at 8 a.m.

In the course of the past night the centre of another and rather deep depression has advanced to the neighbourhood of the Shetland Isles, where the barometer has fallen about half an inch, while on our southern coasts it has risen. Rather steep gradients for W<sup>ly</sup> winds have thus been formed over our Islands, and the wind has consequently veered to that quarter generally, blowing strongly at all exposed stations, and reaching the force of a moderate gale on some parts both of our northern and southern coasts. Temperature continues rather high in all places; the sky is cloudy or overcast except on our north east coasts, and the weather generally has a showery unsettled appearance. The sea is rough except in the east.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

3<sup>RD</sup> JANUARY.

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

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH

W<sup>ly</sup> to N.W<sup>ly</sup> winds, strong squally, showery; then more moderate, colder and fair.

2 SCOTLAND EAST

D° D° D°

3 ENGLAND N.E.

W<sup>ly</sup> and S.W<sup>ly</sup> breezes, fresh to moderate; squally and showery to fair.

4 ENGLAND EAST

D° D° D°

5 MIDLAND COUNTIES

D° D° D°

6 ENGLAND SOUTH

W<sup>ly</sup> breezes, strong and squally then more moderate and colder.

## DISTRICTS

## FORECASTS

6 SCOTLAND WEST

Same as N<sup>os</sup> 0 and 1.

7 ENGLAND N.W.

Same as N<sup>os</sup> 0 and 1.

8 ENGLAND S.W.

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

9 IRELAND NORTH

W<sup>ly</sup> to S<sup>ly</sup> winds, strong, squally showery, very unsettled.

10 IRELAND SOUTH

D° D° D°

## WARNINGS

None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

2<sup>ND</sup> JAN<sup>Y</sup>

1882.

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.		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	30.05	-18	2	0	b	29.60	-36	10	10	+ 13	SE	4	0	*	-2	-18	0.08	
Hernösand	29.90	25	NE	1	0	29.34	-62	33	33	+ 18	SE	6	0	*	34	14	0.08	
Stockholm	29.86	34	S	2	0	29.49	-144	37	35	+ 7	SSW	6	0	*	?	30	-	
Wisby	29.94	36	SW	2	0	29.66	-25	36	35	- 1	WSW	6	0	*	39	34	-	
Bodö	29.44	29	ENE	9	bc	28.98	-87	26	24	+ 11	E	8	0	*	?	14	-	
Christiansund	29.13	44	S	2	c	28.92	-74	37	36	- 2	SSW	2	0	4	43	27	0.08	
†Skudesnaes	29.32	43	SSW	9	A	29.09	-62	41	39	- 1	SSW	6	0	6	43	41	-	
Oxö (Klansund)	29.52	41	SSW	8	0	29.25	-60	42	41	+ 1	SSW	8	0	4	?	37	0.20	
Skagen (The Skaw)	29.66	39	SW	7	0	29.41	-52	39	38	+ 2	SW	6	0	6	39	34	-	
Fanö	29.68	40	S	0	c	29.52	-42	41	40	+ 4	SW	4	0	*	41	36	-	
Cuxhaven	29.76	7	SW	4	bc	29.67	-27	38	38	+ 5	SW	5	0	*	?	30	0.14	
†Sumburgh Head	29.23	40	W	4	c	28.76	-46	43	40	- 2	W	6	0	6	46	40	0.17	
†Stornoway	29.32	36	W	1	b	29.06	-32	41	39	+ 6	WNW	7	0	6	43	33	0.41	
Wick	29.35	40	SW	3	c	28.98	-29	39	37	- 2	W	7	0	4	41	36	0.04	
Nairn	29.33	36	2	0	0	29.10	-32	39	39	+ 1	W	4	0	2	41	34	0.09	
†Aberdeen	29.41	37	SSW	3	c	29.15	-29	41	38	- 3	W	3	0	1	45	33	0.21	
Leith	29.43	42	W	5	bc	29.27	-23	45	42	+ 5	W	5	0	*	47	38	0.14	
†Shields	29.52	38	SW	2	b	29.37	-21	47	44	+ 6	WSW	6	0	2	47	36	0.07	
Spurn Head	29.70	39	W	4	b	29.51	-22	44	42	+ 4	WSW	6	0	3	44	37	0.14	
York	29.68	38	W	2	0	29.59	-10	48	45	+ 5	W	2	0	*	48	36	0.09	
Nottingham	29.80	36	SSW	2	bc	29.62	-14	46	44	+ 4	SW	1	0	*	46	32	0.13	
†Ardrossan	29.49	45	WSW	4	c	29.36	-18	43	46	+ 9	W	5	0	4	48	38	0.10	
†Mullaghmore	29.62	46	W	5	bc	29.54	-06	47	46	+ 4	WSW	6	0	5	49	42	0.12	
Donaghadee	29.61	41	SW	3	c	29.52	-08	45	44	+ 7	WNW	3	0	1	47	38	0.01	
Parsonstown	29.76	42	SW	1	0	29.67	-04	47	46	+ 12	W	1	0	*	47	33	0.04	
Barrow-in-Furness	29.66	42	WNW	3	bc	29.56	-03	46	45	+ 4	WSW	3	0	3	46	36	0.30	
†Holyhead	29.72	45	W	4	bc	29.64	+03	49	46	+ 5	W	3	0	3	49	38	0.40	
Liverpool (Bidston)	29.72	39	SW	4	c	29.60	-03	48	46	+ 5	WSW	6	0	4	48	37	0.35	
†Valencia	29.86	46	WSW	4	og	29.76	-13	51	51	+ 9	WSW	4	0	5	53	41	0.08	
Roche's Point	29.82	44	W	5	c	29.73	+03	50	48	+ 11	W	5	0	4	?	39	0.18	
Pembroke	29.81	47	W	3	bc	29.72	+08	49	49	0	WSW	6	0	4	49	40	0.51	
†Scilly	29.93	47	WNW	6	c	29.93	+20	50	50	- 1	W	6	0	6	51	45	0.14	
Prawle Point	29.92	39	WNW	3	b	29.92	+11	48	47	0	WSW	7	0	6	50	37	0.36	
Hurst Castle	29.85	44	W	4	c	29.87	+02	49	46	+ 1	WNW	7	0	5	48	40	0.22	
†Dover	29.82	47	SW	4	bc	29.85	+05	45	44	0	W	5	0	4	47	39	0.22	
†London	29.82	44	W	1	og	29.81	-06	45	42	+ 3	SW	5	0	*	50	36	0.20	
Oxford	29.86	39	SW	2	bc	29.79	-02	44	43	0	WSW	6	0	*	48	36	0.17	
Cambridge	29.79	44	S	1	bc	29.70	-12	44	43	+ 3	SW	2	0	*	47	32	0.15	
†Yarmouth	29.73	45	SW	4	c	29.68	-18	43	42	+ 1	SW	4	0	3	46	35	0.12	
The Helder	29.77	41	SSW	4	bc	29.69	-23	42	41	+ 9	SSW	4	0	3	43	33	0.08	
Cape Gris Nez	29.86	44	S	5	c	29.86	-06	46	45	+ 7	WSW	7	0	5	45	37	0.16	
†Jersey	29.92	48	SW	4	bc	30.05	+14	47	45	+ 5	WSW	4	0	3	48	40	0.25	
Brest	29.99	49	W	4	bc	30.06	+22	49	47	+ 3	WNW	4	0	3	52	43	0.04	
Lorient	29.98	51	WSW	3	0	30.06	+20	46	46	0	WSW	3	0	3	54	43	-	
†Roche fort	30.01	42	S	5	bc	30.14	+23	44	43	?	SE	4	0	2	?	30	-	
Biarritz	30.04	55	S	4	b	30.23	+30	53	49	+ 5	SSW	3	0	3	61	45	-	
Corunna	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Brussels	?	?	?	?	?	29.92	-06	40	39	+ 1	?	4	0	*	46	40	0.04	
Charleville	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Paris	?	?	?	?	?	30.08	+11	42	41	+ 8	SSW	4	0	*	?	?	?	
Lyons	30.14	39	SE	1	bc	?	?	36	36	+ 3	?	1	0	*	45	34	-	
Toulon	30.18	40	E	4	b	30.25	-	45	43	-	WNW	1	0	5	48	43	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.39	37	WSW	4	2	28.25	-13	42	41	+ 3	WNW	3	0	*	42	33	0.52	

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

Hawes Junction	28.39	37	WSW	4	bc	28.25	-13	42	41	+3	WSW	3	0	42	33	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 ...	29.52	41	40	SE	9	bc	Valencia ...						
Sumburgh Head							Scilly ...						
Stornoway ...							Dover ...						
Aberdeen ...							London ...						
Shields ...							Yarmouth ...						
Ardrossan ...							Jersey ...						
Mullaghmore ...							Roche fort ...	29.98	49	46	SSW	4	6 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) 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

TUESDAY, 3<sup>RD</sup> JANUARY

1882

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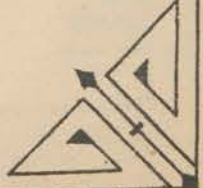

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



ROBERT H. SCOTT  
(SECRETARY.)



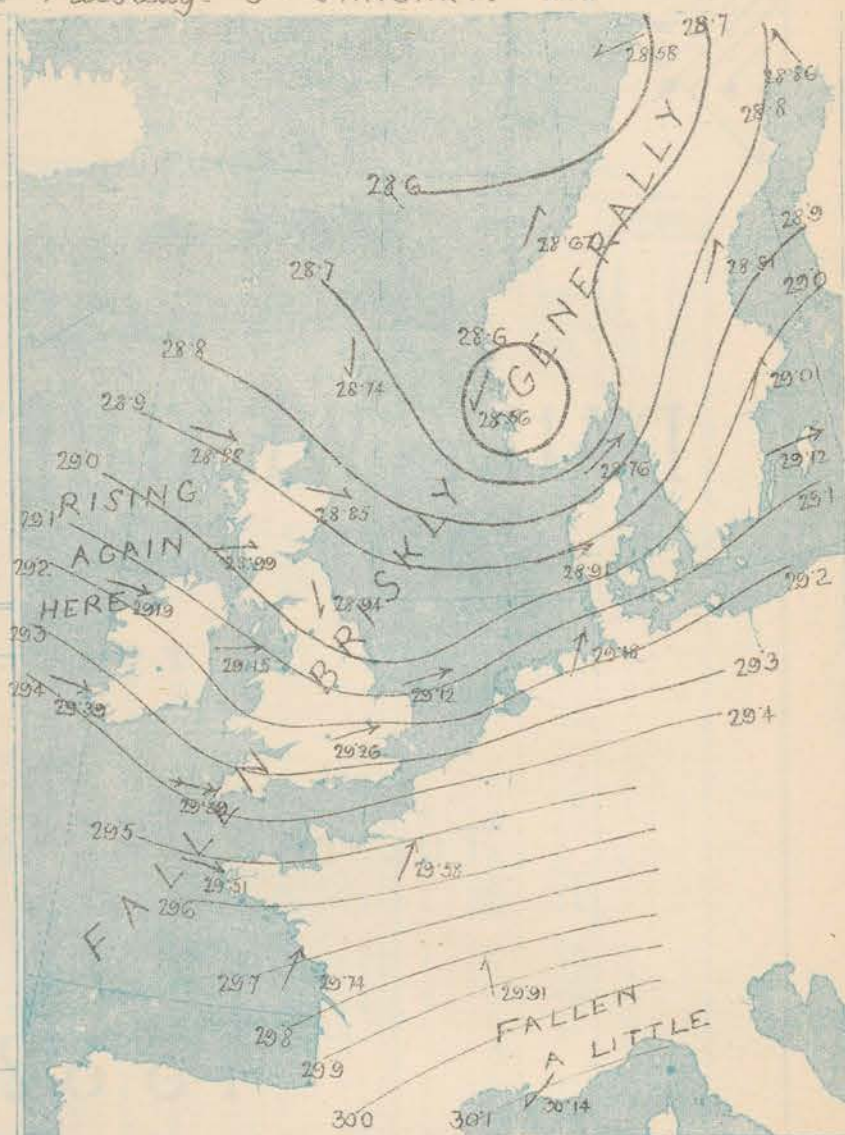
for 8 a m on Tuesday- 3<sup>rd</sup> JANUARY. 1882

*Explanation of Map*

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

for the month of January

\* 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.

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

## for the month of January

\* 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

Tuesday Jan<sup>y</sup> 3<sup>rd</sup> 1882 at 11 a.m.

The secondary depression, which was advancing towards our NW coast yesterday afternoon, has travelled rapidly to the ENE<sup>th</sup> and is now over the S. of Norway. Strong SW<sup>ly</sup> to N<sup>ly</sup> winds and gales were experienced over England as it passed over, accompanied by occasional heavy showers, but in most places the wind has since lulled.

Pressure now ranges from a little above 30.1 in. over the S. of France to 28.8 in. in the N. of Scotland, the gradient being steepest over our SE<sup>th</sup> and the French stations. Westerly to NW<sup>ly</sup> winds varying in force from a fresh breeze to a gale, prevail at the English and Irish stations and light NW<sup>ly</sup> winds in Scotland. Temperature has decreased somewhat except over our SE<sup>th</sup> counties, but is still high for the time of year, and while the sky is overcast very generally, squally showery weather continues in the W. The Sea is rough in the W. and S., smooth on our E. coasts.

A few small subsidiary depressions are still advancing over us a continuation of showery weather with some smart squalls is likely. The South Cone (hoisted on all coasts yesterday) has been lowered in the N. but is still up on the English & Irish coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

4<sup>th</sup> January 1882

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Winds varying between SW. and NW, moderate but gusty; dull, rain.		
2 SCOTLAND EAST	D°	D°	D°
3 ENGLAND N.E.	NW <sup>ly</sup> winds backing and increasing; dull, rain.		
4 ENGLAND EAST	Same as N° 5.		
5 MIDLAND COUNTIES	Same as N° 5.		
6 ENGLAND SOUTH	Westerly winds strong, reaching a gale at times; showery and unsettled, cold, night.		

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Same as N° 6.		
7 ENGLAND N.W.	Westerly (NW to SW) winds, strong squally; showery with bright intervals.		
8 ENGLAND S.W.	D°	D°	D°
9 IRELAND NORTH	NW to SW winds, strong, a gale in squalls, very showery some bright intervals.		
10 IRELAND SOUTH	D°	D°	D°
WARNINGS			
All our coasts were warned yesterday afternoon, but the signals have been lowered again in the N. this morning.			



# METEOROLOGICAL OBSERVATIONS FOR

3<sup>rd</sup> JAN.

1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.	Force. (0 to 12).	Weather.	Sea. (0 to 3).	SHADE TEMP.			Max.	Min.	Amount of Rainfall.
			Dirac.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.										
Haparanda ...	28.93	32	SE	4	0	28.26	- 74	32	32	+ 22	S	2	0	32	- 18	0.43			
Hernösand ...	28.90	35	SE	4	0	28.81	- 53	38	32	0	SW	2	0	36	23	0.20			
Stockholm ...	29.11	36	SW	6	2	29.01	- 48	38	36	+ 1	SW	4	0	?	34	0.04			
Wisby ...	29.29	37	SW	8	2	29.12	- 57	40	39	+ 4	WSW	6	2	?	36	0.28			
Bodö ...	28.67	26	ENE	6	6	28.58	- 40	26	25	0	E	2	0	?	23				
Christiansund ...	28.57	41	SW	6	0	28.67	- 28	36	32	- 1	SSW	3	0	43	25	0.12			
†Skudesnaes ...	28.99	42	W	6	0	28.56	- 53	38	34	- 8	NNE	2	0	43	?				
Oxö (Christiansund) ...	29.05	42	WSW	8	0	28.64	- 61	45	45	+ 3	SW	8	2	?	37	0.51			
Skagen (The Skaw) ...	29.16	40	SW	5	6	28.76	- 65	44	44	+ 5	SW	6	0	45	37	0.35			
Fanö ...	29.04	42	SW	4	0	28.91	- 61	44	44	+ 3	WSW	6	2	45	41	0.51			
Cuxhaven ...	29.54	?	W	6	2	29.18	- 49	47	47	+ 9	SW	7	0	?	?	0.22			
†Sumburgh Head ...	28.87	40	WNW	4	0	28.74	- 02	37	36	- 6	W	4	0	44	35	0.10			
†Stornoway ...	28.93	37	W	0	2	28.88	- 18	37	36	- 4	WNW	3	0	43	34	0.19			
Wick ...	28.94	38	S	2	0	28.84	- 14	35	34	- 4	WNW	2	0	40	34	0.08			
Nairn ...	28.94	37	W	0	2	28.87	- 23	36	35	- 3	W	0	0	44	34	0.48			
†Aberdeen ...	29.00	41	SW	2	2	28.85	- 30	38	36	- 3	WNW	3	0	43	36	0.15			
Leith ...	28.97	47	SW	1	2	28.93	- 34	39	37	- 0	W	1	0	52	37	0.27			
†Shields ...	29.17	47	WSW	3	2	28.94	- 43	41	40	- 6	WNW	4	0	52	40	0.09			
Spurn Head ...	29.38	46	S	4	0	28.95	- 56	45	43	+ 1	WSW	8	0	51	43	0.11			
York ...	29.27	49	WSW	2	0	29.00	- 59	43	41	- 5	W	4	0	53	42	0.26			
Nottingham ...	29.39	50	S	5	2	29.02	- 60	46	43	0	WSW	4	0	52	44	0.18			
†Ardrossan ...	28.97	48	WSW	5	2	28.99	- 37	42	41	- 6	W	3	0	49	40	0.55			
†Mullaghmore ...	29.06	41	WSW	6	0	29.19	- 35	44	41	- 3	WNW	6	0	51	42	0.22			
Donaghadee ...	29.10	50	SW	5	2	29.06	- 46	40	40	- 5	W	4	0	52	39	0.15			
Parsonstown ...	29.29	51	SW	3	2	29.24	- 43	40	37	- 7	W	1	0	52	39	0.18			
Barrow-in-Furness ...	29.05	44	SW	4	2	29.05	- 51	43	41	- 3	WNW	4	0	47	42	0.05			
†Holyhead ...	29.33	46	SW	6	0	29.15	- 49	44	42	- 5	W	7	0	50	44	0.07			
Liverpool (Bidston) ...	29.21	51	SW	6	0	29.08	- 52	43	42	- 5	WSW	6	0	52	43	0.20			
†Valencia ...	29.37	52	SW	7	2	29.39	- 37	41	38	- 10	WNW	6	0	53	38	0.38			
Roche's Point ...	29.42	49	WSW	7	2	29.30	- 43	40	39	- 10	WNW	5	0	52	37	0.36			
Pembroke ...	29.46	40	SW	7	2	29.24	- 48	46	44	- 3	W	6	0	51	46	0.38			
†Scilly ...	29.74	52	SW	9	0	29.39	- 54	48	46	- 2	WNW	8	0	52	47	0.42			
Prawle Point ...	29.72	50	SSW	7	2	29.37	- 55	46	45	- 2	W	4	0	50	45	0.44			
Hurst Castle ...	29.72	49	W	7	0	29.31	- 56	48	47	+ 1	WNW	5	0	50	46	0.36			
†Dover ...	29.71	48	WSW	6	0	29.28	- 57	47	47	+ 2	WSW	6	0	49	45	0.12			
†London ...	29.65	50	SW	5	0	29.26	- 55	47	45	+ 2	WSW	5	0	51	42	0.28			
Oxford ...	29.51	51	SSW	6	0	29.22	- 57	46	44	+ 2	SW	6	0	52	44	0.13			
Cambridge ...	29.55	52	SW	3	0	29.16	- 54	47	45	+ 3	SW	3	0	52	43	0.11			
†Yarmouth ...	29.57	47	SW	4	0	29.12	- 56	47	45	+ 4	WSW	6	0	50	42	0.11			
The Helder ...																			
Cape Gris Nez ...	28.80	40	WSW	8	0	29.37	- 49	48	45	+ 2	WSW	8	2	50	39	0.16			
†Jersey ...	29.90	49	WSW	5	0	29.46	- 59	47	47	0	WSW	5	0	50	46	0.47			
Brest ...	29.94	51	WSW	7	0	29.51	- 55	50	49	+ 1	WNW	7	0	52	43	0.43			
Lorient ...	29.49	50	W	5	0	29.57	- 49	50	48	+ 4	W	7	2	52	41	0.98			
†Rochefort ...	30.12	50	W	4	0	29.74	- 40	50	50	+ 6	SSW	5	0	55	43				
Biarritz ...																			
Corunna ...	*	*	*	*	*			*						*	*	*			
Brussels ...	*	*	*	*	*	29.40	- 52	47	46	+ 7	SW	11	2	?	?	0.20			
Charleville ...																			
Paris ...	30.00	46	S	1	6	29.58	- 50	49	41	+ 7	SSW	7	2	*	*	*			
Lyons ...	30.26	40	ENE	1	0	29.99	?	40	37	+ 4	SSW	1	6	44	35				
Toulon ...	30.23	47	NW	7	0	30.14	- 11	44	41	- 1	NE	4	6	50	43				
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	29.05	44	SW	6	2	28.78	- 47	37	35	- 5	W	3	0	46	37	1.23			

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	28.94	43	41	WSW	7	0	Valencia ...	29.56	52	?	SW	7	omg	6
Sumburgh Head ...	28.84	41	39	WNW	5	0	Scilly ...	29.81	52	52	SW	8	0	6
Stornoway ...	29.08	41	39	WNW	5	0	Dover ...	29.78	48	47	WSW	5	0	4
Aberdeen ...	29.18	42	39	WSW	3	0	London ...	29.73	51	49	SW	5	0	3
Shields ...	29.39	49	45	W	5	0	Yarmouth ...	29.66	46	45	SW	4	0	4
Ardrossan ...	29.33	46	46	SW	4	0	Jersey ...	29.96	49	48	SW	5	0	4
Mullaghmore ...	29.27	49	48	SSW	6	0	Rochefort ...	30.13	50	50	SSW	4	0	2
Holyhead ...	29.53	49	48	SW	4	0								

A new depression is coming rapidly towards Ireland from the Atlantic. SW gales are commencing in the Str. All our coasts have been warned this afternoon.

## 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

WEDNESDAY, 4<sup>TH</sup> JANUARY.

1882

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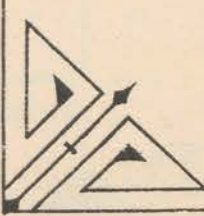
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ROBERT H. SCOTT  
(SECRETARY.)



Hand-drawn map of the North Atlantic showing isotherms and weather patterns. The map includes latitude lines at 30°, 40°, and 50°N. Isotherms for 30°C, 35°C, and 40°C are drawn. Handwritten notes include "Snow has fallen" in the north, "COLDER" in the center, and "CONV or rain, snow has fallen" in the south. Various temperature readings (e.g., 35/6, 38/6, 44/0) are marked along the isotherms.



# REMARKS

for WEDNESDAY 4<sup>TH</sup> JANY 1882 at 8 a.m.

This morning's chart shows a brisk decrease of pressure over the whole of Western Europe, and an area of high readings has been formed over our SW. coasts, so that pressure now varies from about 29.98 ins. at Brest to 28.63 ins. in the extreme N. of Norway. Gradients are comparatively slight, and the winds, which are W<sup>2</sup> or NW<sup>4</sup> on all coasts are moderate or light in force except at Scilly and Mullaghmore, where they blow freshly. The weather is cloudy or dull in Ireland but is fine and bright elsewhere; in the E. there has been no rain during the past 24 hours, but elsewhere hail or rain has occurred, while in the N. snow is now falling. Temperature has decreased generally the change in the SE. amounting to more than ten degrees; during the night thermometer fell to 29° at Aberdeen, 30° at Trair and Wick, 31° at Yarmouth, and 32° at Stromoway, Nottingham and Cambridge, while this morning readings range from 47° at Scilly to 31° at Aberdeen and 33° in London. The sea is rough at Scilly, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the  
5<sup>TH</sup> JANUARY.

ISSUED AT 11 a.m. on previous day

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH	W <sup>2</sup> winds, light or moderate, then backing; fine generally, cold night.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as N° 5.
5 MIDLAND COUNTIES	Same as N° 5.
6 ENGLAND SOUTH	Light breezes from NW and W., then backing and probably increasing; fine day, and cold night then cloudy.

## DISTRICTS

## FORECASTS

6 SCOTLAND WEST	Same as N° 0 to 2.
7 ENGLAND NW	W <sup>2</sup> to SW <sup>2</sup> winds, moderate to fresh; fair to dull.
8 ENGLAND SW	NW <sup>2</sup> backing to SW <sup>2</sup> winds, fresh or strong; fair to dull.
9 IRELAND NORTH	Wind backing to SW or S., increasing somewhat; with cloudy and milder weather.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

4<sup>th</sup> JAN<sup>y</sup>

1882

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 ...	28.73	31	Sw	2	0	28.82	- 0.4	24	24	- 8	Sw	2	0	*	32	28	0.12		
Hernösand ...	28.80	28	Sw	2	0	29.05	+ 2.4	31	29	- 2	WSW	2	0	*	34	23	-		
Stockholm ...	28.80	43	WSW	6	0	29.30	+ 2.9	35	32	- 3	WSW	6	6	*	45	?	0.16		
Wisby ...														*					
Bodö ...	28.62	33	E	2	0	28.69	+ 1.1	35	33	+ 9	SSW	2	0	1	?	28	-		
Christiansund ...	28.75	34	Sw	5	C	29.06	+ 3.9	35	33	- 1	W	6	5	5	36	25	0.24		
†Skudesnaes ...	29.01	29	WNW	4	bc	29.43	+ 1.8	35	34	- 3	WNW	2	C	4	?	?	-		
Oxö (Xiansund) ...	28.90	38	WSW	6	bc	29.44	+ 1.8	36	35	- 9	WSW	4	6	3	45	34	-		
Skagen (The Skaw)	28.93	41	W	7	6	29.45	+ 6.9	38	37	- 6	W	4	6	4	45	36	0.20		
Fanö ...	29.38	41	W	4	C	29.60	+ 6.9	38	37	- 6	W	3	C	*	45	37	0.08		
Cuxhaven ...	29.20	?	WSW	5	0	29.60	+ 4.2	39	38	- 8	WSW	1	6	*	?	36	0.10		
†Sumburgh Head	29.04	37	W	4	bc	29.52	+ 7.8	36	33	- 1	WNW	4	5	4	39	31	0.09		
†Stornoway	29.21	35	WNW	1	C	29.62	+ 7.4	35	33	- 2	W	2	6	2	39	32	0.12		
Wick ...	29.21	33	NW	2	S	29.65	+ 8.1	31	31	- 4	W	1	6	2	36	30	0.09		
Nairn ...	29.18	37	W	0	6	29.67	+ 8.0	31	30	- 5	W	0	6	1	39	30	-		
†Aberdeen ...	29.18	35	WSW	2	6	29.69	+ 8.2	31	30	- 7	WSW	1	6	1	41	29	-		
Leith ...	29.27	39	W	1	6	29.72	+ 7.9	36	35	- 3	W	1	6	*	41	33	-		
†Shields ...	29.19	41	W	3	bc	29.76	+ 8.2	35	34	- 6	W	3	6	2	43	33	-		
Spurn Head ...	29.30	42	W	4	bc	29.72	+ 7.7	38	37	- 7	WNW	4	6	3	45	37	-		
York ...	29.30	40	W	2	C	29.78	+ 7.8	36	35	- 7	NW	1	6	*	48	34	-		
Nottingham ...	29.40	37	W	2	6	29.84	+ 8.2	34	33	- 12	WSW	1	6	*	49	32	0.01		
†Ardrossan	29.27	42	W	3	C	29.72	+ 7.3	35	35	- 7	W	0	6	0	43	34	-		
†Mullaghmore ...	29.43	40	WNW	6	0	29.77	+ 5.8	43	41	- 1	NW	5	6	4	44	39	0.14		
Donaghadee ...	29.35	40	WNW	3	bc	29.76	+ 7.0	35	34	- 5	SW	3	6	1	42	33	0.02		
Parsonstown ...	29.53	37	WNW	2	bc	29.89	+ 6.5	37	35	- 3	SW	1	0	*	41	33	0.04		
Barrow-in-Furness	29.33	41	WSW	3	bc	29.56	+ 5.1	40	38	- 3	NW	3	6	3	44	39	0.01		
†Holyhead	29.36	42	W	7	0	29.82	+ 6.7	41	39	- 3	W	3	C	3	45	40	0.03		
Liverpool (Biston)	29.36	41	WSW	4	bc	29.81	+ 7.3	40	39	- 3	WSW	3	6	4	44	39	0.09		
†Valencia ...	29.64	44	NW	4	C	29.95	+ 5.6	44	42	+ 3	WNW	2	0	2	45	38	0.16		
Roche's Point ...	29.57	40	WNW	7	N	29.92	+ 6.2	40	37	0	WNW	3	C	4	46	37	0.48		
Pembroke ...	29.47	43	W	4	bc	29.90	+ 6.6	44	40	- 2	WNW	4	6	4	46	41	0.07		
†Scilly ...	29.55	47	WNW	8	Cy	29.97	+ 5.8	47	45	- 1	NW	5	C	6	48	42	0.08		
Prawle Point ...	29.55	41	W	3	6	29.97	+ 6.0	37	36	- 9	WNW	2	6	3	46	35	0.01		
Hurst Castle ...	29.48	43	WNW	4	6	29.89	+ 5.8	37	36	- 11	NW	3	6	4	49	35	0.02		
†Dover ...	29.43	44	W	3	6	29.82	+ 5.4	37	36	- 10	WNW	3	6	1	48	36	-		
†London ...	29.44	42	WNW	3	bc	29.88	+ 6.2	33	33	- 14	WNW	3	6	*	50	33	-		
Oxford ...	29.49	38	W	1	6	29.88	+ 6.6	34	33	- 12	WNW	1	6	*	48	34	-		
Cambridge ...	29.40	40	Sw	1	C	29.84	+ 6.8	35	34	- 12	NW	1	6	*	49	32	-		
†Yarmouth ...	29.36	42	WSW	3	bc	29.77	+ 5.5	34	33	- 13	WNW	2	6	3	47	31	-		
The Helder ...	29.42	44	WSW	1	bc	29.68	+ 5.8	42	41	- 3	W	1	6	2	46	41	0.08		
Cape Gris Nez	29.49	46	WSW	5	bc	29.82	+ 6.5	40	39	- 8	W	2	6	3	50	39	-		
†Jersey ...	29.59	44	WNW	4	bc	29.94	+ 5.1	43	43	- 4	NW	3	6	4	50	41	0.08		
Brest ...	29.69	45	WNW	5	6	29.98	+ 4.7	46	44	- 4	N	5	6	3	52	41	0.08		
Lorient ...	29.68	44	WNW	5	bc	29.96	+ 3.9	41	39	- 9	N	4	6	4	50	37	0.12		
†Rochefort ...	29.69	50	SSW	4	0	29.90	+ 1.6	43	41	- 7	NW	4	0	2	54	37	0.20		
Biarritz ...																			
Corunna ...	*	*	*	*	*									*	*				
Brussels ...	*	*	*	*	*	29.82	+ 4.2	37	37	- 10	SW	3	6	*	50	?	0.12		
Charleville ...														*	*				
Paris ...	29.60	48	SSW	3	0	29.91	+ 3.3	37	34	- 12	WSW	3	6	*	*	*	-		
Lyon ...														*					
Toulon ...																			

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

Hawes Junction	28.06	35	W	2	0	28.51	32	32	- 5	WSW	1	6	*	38	30	0.07
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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 ...	28.72	40	38	WNW	4	0	4	Valencia ...	29.52	42	40	WNW	4	chg	5
Sumburgh Head ...	28.89	37	34	N	3	bc	3	Scilly ...	29.49	44	43	WNW	9	chg	7
Stornoway ...	29.06	38	37	WNW	4	c	3	Dover ..	29.34	46	45	W	4	b	4
Aberdeen ...	29.03	40	37	WNW	3	6	1	London ...	29.34	48	45	W	4	bc	4
Shields ...	29.12	40	41	W	3	c	3	Yarmouth ...	29.25	47	45	W	4	bc	2
Ardrossan ...	29.14	42	40	W	2	0	2	Jersey ...	29.49	45	44	W	5	c	4
Mullaghmore ...	29.24	40	39	WNW	6	chg	6	Rochefort ...	30.05	51	50	W	7	n	4
Holyhead ...	29.26	44	41	W	7	chg	5								

The barometer is now rising on all our coasts with colder but finer weather and W<sup>ly</sup> to NW<sup>ly</sup> winds. The morning signals have been lowered on our E. coast but are still up in the W. and S.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale in, 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

THURSDAY 5<sup>TH</sup> JANUARY.

1882

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.)



# WEATHER CHARTS

for 8 a.m. on Thursday 5<sup>th</sup> JANUARY 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 force thus: — forces above 10; — forces 8 to 10; — forces 5 to 7; — forces 1 to 4; — dead calm.

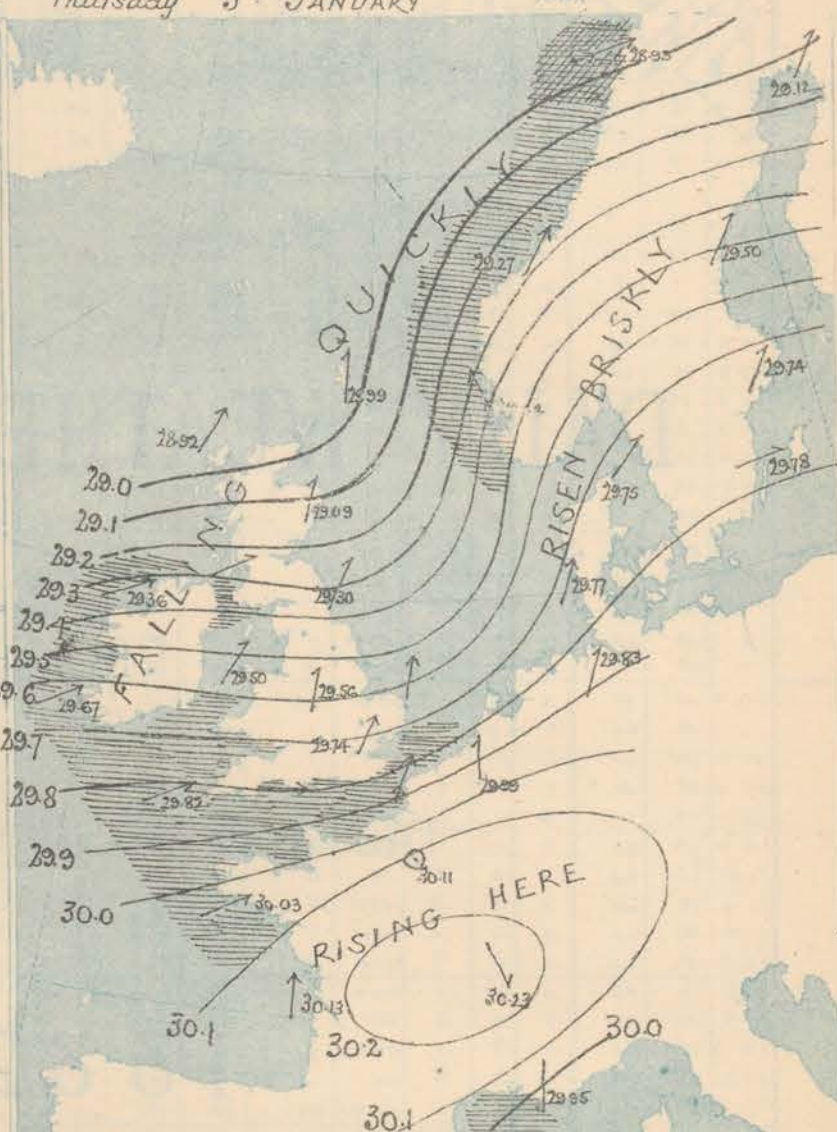
Sea disturbance, where considerable, is shown by shading round the coast, thus: — Rough — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings In.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.701
Ardrossan	29.678
Greenock	29.652
Holyhead	29.720
Valencia	29.721
Roches P.	29.765
Plymouth	29.861
LONDON	29.859
Vermouth	29.872

\* 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.

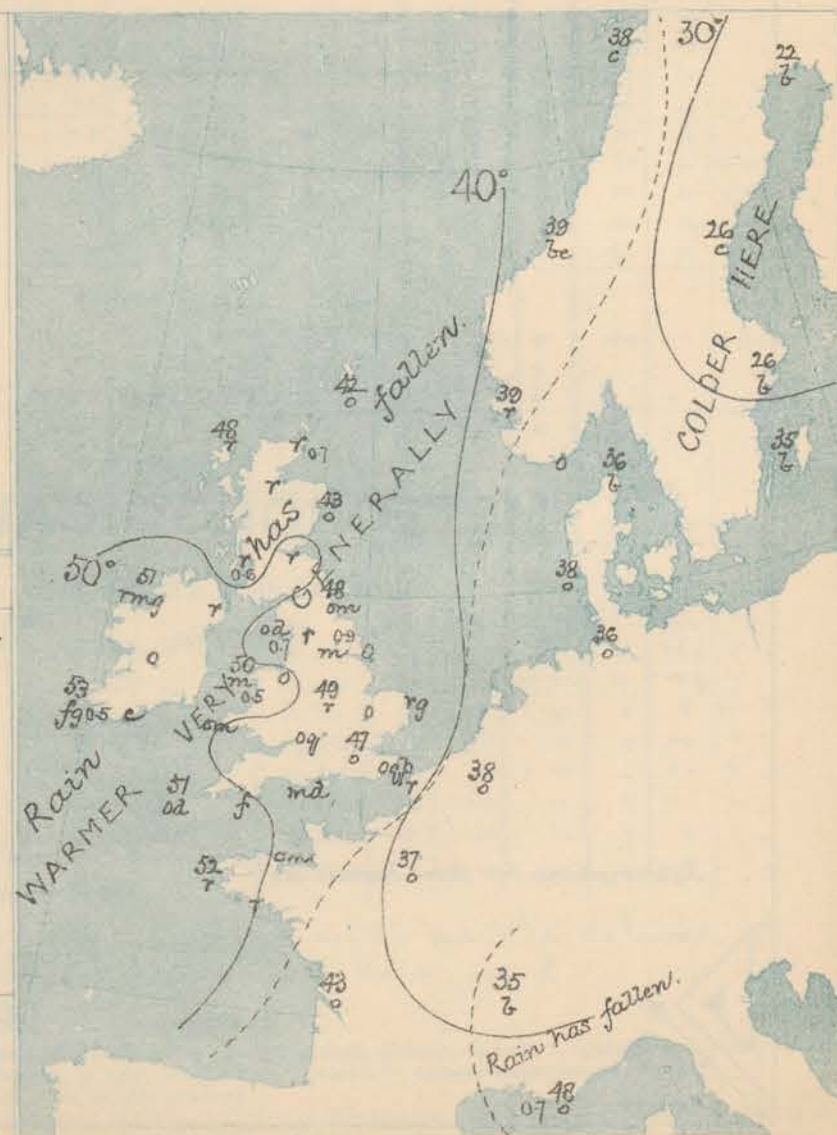
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp	Rain-fall
Sundburgh Head	49.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.23
Parsonstown	39.6	3.62
Valencia	43.0	7.70
Sally (St Mary's)	45.2	5.18
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Vermouth	37.3	2.64

\* The mean Temperatures are those for the 11 years 1867-69, the mean amounts of Rain are those for the 10 years 1866-75.





# REMARKS

for Thursday 5<sup>th</sup> JAN 1882 at 8 a.m.

During the past night the decrease of pressure which had commenced in the west yesterday afternoon has extended quickly to all parts of the Kingdom, though in the East of France, and over (Denmark and Sweden) the barometer still rises. A large depression has advanced to the north of Scotland, while a slight anticyclone lies over Central France, so that readings at present range from 30.2 ins. at Lyons to 28.9 ins. at Stornoway. This disturbance has occasioned a considerable steepening of gradients, but has not caused much increase of wind, moderate to strong W<sup>ly</sup> to SW<sup>ly</sup> winds prevailing on our own and the French coasts, and strong S<sup>ly</sup> winds over Denmark and Scandinavia. The weather is fine at Lyons and in parts of Sweden, but is cloudy or dull elsewhere with rain in many places. During the past 24 hours rain has fallen at all stations - heavily in the W and NW. Temperature has risen everywhere quickly in the N. and E., and readings range from 53° at Valencia to 42° at Yick and Yarmouth; the maxima are in most cases the readings of this morning.

The sea is rough in the W. and S. as well as on the W. coast of Norway.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

6<sup>th</sup> JANUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SW <sup>ly</sup> winds, increasing, rather strong and gusty; dull and rain.	6 SCOTLAND WEST	SW <sup>ly</sup> and W <sup>ly</sup> winds, fresh or strong; showery to fair.
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	-----D°-----D°-----D°-----
3 ENGLAND N.E.	-----D°-----D°-----D°-----	8 ENGLAND S.W.	W <sup>ly</sup> winds, strong; gusty, dull and rainy then fair.
4 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	W <sup>ly</sup> winds, strong; squally, showery.
5 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	SW <sup>ly</sup> winds, veering to W. moderate and strong; dull and showery, improving towards evening.	WARNINGS	
		The south cone is flying in districts Nos 0. 1. 6. 9. and 10 and parts of 2. and 7.	



# METEOROLOGICAL OBSERVATIONS FOR

5<sup>th</sup> JAN<sup>y</sup>

1882

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. 40 to 139.		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 13).			Max.	Min.			
Haparanda	29.71	20	SW	2	b	29.72	+ 30	24	21	- 2	SW	2	b	*	25	20	-		
Hernösand	29.45	29	SW	4	b	29.50	+ 45	26	23	- 5	SW	2	c	*	32	23	-		
Stockholm	29.66	31	WSW	2	b	29.74	+ 44	20	?	- 9	SW	2	b	*	45	?	-		
Wisby	29.67	37	W	6	b	29.78	+ 45	35	34	- 3	W	4	b	*	39	?	-		
Bodö	29.74	36	WSW	8	c	28.93	+ 24	38	35	+ 3	WSW	8	c	*	?	28	0.20		
Christiansund	29.48	32	W	7	b	29.27	+ 21	29	34	+ 14	SW	5	b	*	39	30	0.04		
Skudesmen	29.73	39	S	4	c	29.44	+ 01	39	38	+ 4	SSE	8	h	*	39	34	-		
Oxö (Zuansund)	29.71	33	W	4	b	29.63	+ 19	39	38	+ 3	SSE	6	o	*	?	28	-		
Skagen (The Skaw)	29.73	37	WSW	4	b	29.75	+ 30	36	35	- 2	SW	3	b	*	39	30	-		
Faro	29.90	36	W	3	b	29.77	+ 17	38	38	0	SSW	6	o	*	41	36	-		
Cuxhaven	29.76	?	WSW	1	b	29.83	+ 23	36	36	- 3	SSW	2	o	*	41	30	0.02		
Samburgh Head	29.68	40	SW	4	c	29.99	+ 53	42	40	+ 6	S	4	o	*	42	36	0.06		
Stornoway	29.48	41	S	4	h	28.92	- 70	48	48	+ 13	SSW	5	h	*	43	33	0.33		
Wick	29.59	38	S	1	o	28.94	- 71	42	41	+ 11	S	1	h	*	42	30	0.65		
Nairn	29.59	35	Z	0	b	29.01	- 66	46	46	+ 15	Z	0	h	*	46	29	0.25		
Aberdeen	29.68	37	SSW	3	o	29.09	- 60	43	42	+ 12	SSW	3	o	*	43	29	0.32		
Leith	29.88	41	W	1	o	29.17	- 55	51	50	+ 15	W	5	h	*	51	31	0.02		
Shields	29.80	40	SW	3	c	29.30	- 46	48	47	+ 13	SW	2	om	*	48	35	0.03		
Spurn Head	29.88	39	SW	3	c	29.47	- 25	45	44	+ 7	SSW	5	o	*	45	36	0.03		
York	29.87	38	SW	1	b	29.45	- 33	46	46	+ 10	S	1	m	*	46	35	0.94		
Nottingham	29.93	38	S	3	c	29.56	- 28	49	47	+ 15	SSW	4	h	*	49	33	0.06		
Ardrossan	29.71	42	SSW	4	h	29.24	- 48	49	49	+ 14	WSW	4	h	*	49	34	0.57		
Mullaghmore	29.67	45	SSW	6	ng	29.36	- 41	51	51	+ 8	WSW	7	ng	*	51	41	0.62		
Donaghadee	29.76	40	SW	2	h	29.34	- 42	51	51	+ 16	WSW	6	h	*	51	34	0.40		
Parsonstown	29.73	42	SW	1	h	29.53	- 36	50	49	+ 13	W	4	o	*	51	36	0.23		
Barrow-in-Furness	29.83	41	SSW	4	h	29.42	- 14	46	46	+ 6	SSW	4	od	*	47	39	0.67		
Holyhead	29.84	44	SW	3	h	29.50	- 32	50	49	+ 7	SW	4	m	*	50	41	0.48		
Liverpool (station)	29.87	41	SSW	2	o	29.47	- 34	51	50	+ 11	SW	4	o	*	52	39	0.18		
Valencia	29.75	50	SW	7	mg	29.67	- 28	53	52	+ 9	WSW	6	fg	*	53	42	0.49		
Roche's Point	29.81	48	WSW	5	h	29.64	- 28	51	50	+ 11	WSW	4	c	*	51	40	0.28		
Pembroke	29.92	46	WSW	4	h	29.64	- 26	50	50	+ 6	WSW	6	om	*	50	44	0.34		
Scilly	30.02	47	WSW	6	o	29.82	- 15	51	51	+ 4	WSW	7	od	*	51	46	0.28		
Prawle Point	30.05	46	WSW	4	o	29.60	- 17	50	50	+ 13	WSW	4	g	*	50	36	0.25		
Hurst Castle	30.02	44	W	3	c	29.77	- 12	49	49	+ 12	W	6	md	*	49	35	0.34		
Dover	30.04	39	WNW	2	bm	29.79	- 03	45	45	+ 8	WSW	7	od	*	46	37	0.06		
London	30.01	37	W	2	b	29.74	- 14	47	46	+ 14	SW	5	o	*	47	33	0.10		
Oxford	29.99	37	WNW	1	b	29.65	- 25	49	48	+ 14	SW	6	og	*	50	34	0.20		
Cambridge	30.01	39	WNW	1	b	29.65	- 19	47	47	+ 12	SW	3	o	*	48	32	0.06		
Yarmouth	29.96	37	W	1	b	29.66	- 11	42	42	+ 8	SSW	5	ng	*	42	33	0.20		
The Helder	29.97	40	W	1	b	29.81	+ 13	39	38	- 3	S	5	h	*	43	36	0.04		
Cape Gris Nez	29.90	41	W	4	b	29.86	+ 04	43	42	+ 3	SSW	8	h	*	48	37	-		
Jersey	30.11	43	W	2	b	29.93	- 04	47	47	+ 4	SW	6	om	*	47	42	0.20		
Brest	30.12	48	WNW	4	o	29.98	00	52	51	+ 6	WNW	4	h	*	52	41	0.16		
Lorient	30.11	45	WNW	4	b	30.03	+ 07	50	48	+ 9	WSW	7	h	*	?	39	0.16		
Rochefort	29.93	46	W	4	b	30.13	+ 23	43	42	0	S	5	o	*	52	36	-		
Biarritz	30.12	50	WNW	5	b	30.24	+ 25	41	38	- 5	SE	4	c	*	52	36	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.99	+ 17	38	37	+ 1	S	4	o	*	42	35	-		
Charleville	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Paris	30.14	40	WNW	4	b	30.11	+ 20	37	36	0	Z	0	o	*	*	*	-		
Lyons	30.07	39	WNW	4	b	30.23	*	35	32	*	WNW	4	b	*	43	33	0.12		
Toulon	29.77	46	E	9	h	29.95	+ 24	48	42	+ 2	W	4	o	*	48	45	0.71		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.58	36	W	2	c	28.18	- 33	45	45	+ 13	SW	3	o	*	45	32	0.43		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.61	34	33	NNW	2	b	3	Valencia ...	29.88	48	46	SW	5	omg	5
Samburgh Head	29.60	38	34	SW	3	c	3	Scilly ...	30.02	47	46	W	5	o	6
Stornoway ...	29.58	40	39	S	4	c	4	Dover ..	29.95	42	40	NW	3	b	1
Aberdeen ...	29.72	36	33	SSW	1	b	1	London ...	29.96	43	40	WNW	3	bm	*
Shields ...	29.80	40	38	WNW	1	cm	2	Yarmouth ...	29.89	40	38	WNW	2	bm	2
Ardrossan ...	29.74	44	43	SW	3	b	2	Jersey ...	30.07	47	42	WNW	3	b	3
Mullaghmore ...	29.76	42	41	SW	5	om	4	Rochefort ...	29.85	47	43	NNE	4	b	2
Holyhead ...	29.88	44	41	SW	4	c	3								

Pressure has recommenced to fall on our W. coast and the wind there has backed to SW, and freshened, with rain and mist. In the E. the mercury still rises and the weather is fine.

## EXPLANATION OF COLUMNS.

WEATHER. — Sea: f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) b. 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 3 p.m. daily (Sundays excepted).

§ Revised too late for insertion in charts.





# DAILY WEATHER REPORT

FOR

FRIDAY, 6<sup>TH</sup> JANUARY.

1882

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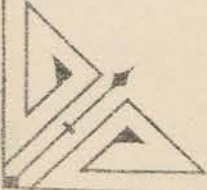
ISSUED BY THE

METEOROLOGICAL OFFICE

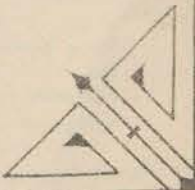
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ROBERT H. SCOTT  
(SECRETARY.)



*Fred<sup>r</sup> Dangerfield, Lith. 25, Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on Friday. 6<sup>th</sup> JANUARY 1882

## BAROMETER, WIND & SEA

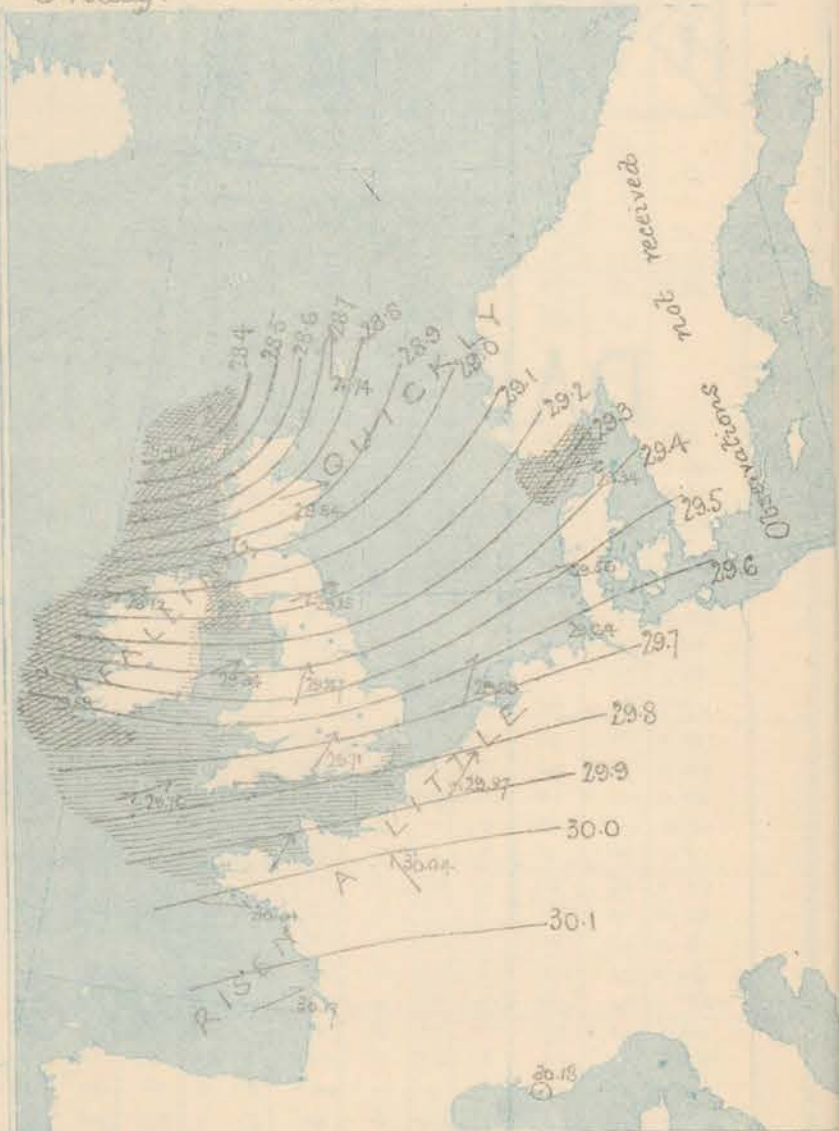
### Explanation of Map.

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 bars and feathers refer to force, thus:  
— force above 10 — force 8 to 10 — force 5 to 7 — force 1 to 4.  
○ dead calm.  
Sea. Disturbance, where considerable is shown by shading round the coast, thus: Rough. High.

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

Stations	Mean Readings in.
Nairn	29.384
Aberdeen	29.627
Gleith	29.629
Scarborough	29.746
Ardrossan	29.678
Greenock	29.650
Holyhead	29.770
Valentia	29.720
Rechar P.	29.780
Plymouth	29.826
LONDON	29.862
Vermouth	29.897

\* 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 January

Stations	Temp	Rain-fall
Sandburgh Head	49.0	3.00
Stornoway	48.7	5.70
Aberdeen	47.0	2.76
Shetland	47.5	1.98
Vik	47.7	1.39
Millingham	49.4	2
Holyhead	47.3	1.27
Parsonstown	49.6	3.62
Valentia	48.0	7.70
Sally (St Mary's)	46.2	5.48
Hurst Castle	48.4	1
Dover	48.1	3.56
LONDON	48.8	2.63
Vermouth	47.3	2.64

\* The mean Temperatures are those for the 10 years 1857-66; the mean amounts of Rain are those for the 10 years 1866-75.





# REMARKS

FRIDAY 6<sup>TH</sup> JAN<sup>Y</sup> 1887 at 8 a.m.

During the past night the increase of pressure which was in progress yesterday evening has given way to a rapid fall, and a deep depression, in which readings are below 28.4 ins., is advancing from the Atlantic to the north west coast of Scotland. In France, however, the mercury still rises. This depression has occasioned very steep gradients over our Islands, and S.W. to W. gales are reported from all our more western and northern coasts while strong winds from the same quarters are reported elsewhere. Fine bright weather prevails at Wick, Cairn, Ardrossan and Donaghadee, but in most places the sky is overcast, with rain at several stations. During the past twenty four hours slight rain has fallen generally. Temperature has fallen in the west, risen in the south and east, and readings at present range from 53° at Lilly to 63° in the north of Scotland. The maximas yesterday were very high, ranging between 65° at Wick and 55° at Valencia. The sea is very rough in the west, north and south.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

7<sup>TH</sup> JANUARY

ISSUED AT 11 a.m. on previous day

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

S.W. to N.W. hard gales; dull and showery. Turning colder.

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. winds, increasing to a strong gale; dull, showery and very squally. Fine night. Turning colder.

### DISTRICTS

### FORECASTS

7 SCOTLAND WEST

Same as N° 0 to 2.

8 ENGLAND N.W.

Same as N° 0 to 2.

9 ENGLAND S.W.

Same as N° 3 to 5.

10 IRELAND NORTH

W. to N.W. strong gales; dull, showery and squally.

11 IRELAND SOUTH

D. D. D.

### WARNINGS

The South Cone was hoisted on Wednesday in Districts 0, 1, 6, 9, 10 and parts of 2 and 7, and this morning in 3, 5, 8 and the remainder of 2 and 7.



# METEOROLOGICAL OBSERVATIONS FOR 6<sup>th</sup> JANUARY 1882

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.23	23	SW	2	b	29.28	+ .11	25	24	+ 3	SW	2	0	*	?	18	—		
Hernösand	29.39	26	Z	0	b	29.07	— .43	35	33	+ 9	SE	2	0	*	?	23	—		
Stockholm	29.52	34	S	6	0	28.96	— .78	34	33	+ 8	SW	2	0	*	34	25	2.08		
Wisby	29.69	37	SW	6	0	29.14	— .64	40	39	+ 5	WSW	6	r	*	41	34	0.35		
Bodö	29.07	31	W	2	0	29.07	+ .14	26	25	— 12	ENE	2	b	1	33	25	—		
Christiansund	28.88	37	ESE	6	0	28.96	— .31	41	39	+ 2	WSW	6	0	5	41	27	0.28		
Skudesnaes	28.95	45	WSW	6	0	29.17	— .27	42	40	+ 3	SW	4	c	6	45	39	—		
Oxö (Xiänsund)	29.36	35	SSW	8	r	29.26	— .37	41	39	+ 2	WSW	6	m	4	45	?	0.32		
Skagen (The Skaw)	29.11	37	SSW	8	r	29.31	— .44	42	39	+ 6	W	8	b	8	42	32	0.43		
Fanö	29.36	44	W	6	c	29.36	— .21	42	41	+ 4	WSW	4	c	*	45	36	0.51		
Cuxhaven	29.55	?	SW	7	s	29.64	— .19	40	40	+ 4	WSW	4	bc	*	43	34	0.56		
Samburgh Head	28.76	43	W	7	r	28.74	— .25	43	40	+ 1	S	5	r	6	47	40	0.41		
Stornoway	29.12	41	W	7	bc	28.40	— .52	43	42	— 5	SSW	9	r	8	49	33	0.46		
Wick	29.04	38	NW	7	bc	28.60	— .34	44	41	+ 2	W	6	b	4	45	35	0.10		
Nairn	29.17	41	WNW	6	r	28.69	— .32	46	44	0	W	5	b	3	49	37	0.12		
Aberdeen	29.20	40	WSW	3	b	28.84	— .25	45	44	+ 2	WSW	7	ry	3	52	37	0.03		
Leith	29.37	45	W	5	r	28.89	— .28	49	48	— 2	W	8	0	*	53	42	0.21		
Shields	29.42	49	W	7	b	29.15	— .15	50	49	+ 2	WSW	8	c	2	54	43	0.01		
Spurn Head	29.53	47	WNW	7	b	29.40	— .07	46	44	+ 1	S	6	0	3	51	40	0.01		
York	29.56	48	W	4	b	29.33	— .12	50	48	+ 4	SSW	5	0	*	53	40	0.10		
Nottingham	29.67	48	NW	5	b	29.47	— .09	51	49	+ 2	SSW	6	0	*	53	43	—		
Ardrossan	29.45	46	W	7	b	29.01	— .23	44	44	— 5	WSW	8	bf	6	50	43	0.43		
Mullaghmore	29.62	49	W	6	cq	29.12	— .24	45	41	— 6	WSW	10	cq	7	53	42	0.14		
Donaghadee	29.59	45	WNW	7	b	29.14	— .20	47	42	— 4	W	9	b	7	52	41	0.06		
Parsonstown	29.76	44	WSW	1	c	29.42	— .11	45	41	— 5	W	6	0	*	53	41	0.19		
Barrow-in-Furness	29.66	46	WSW	4	bc	29.25	— .17	48	48	+ 2	SSW	7	0	6	48	42	0.22		
Holyhead	29.71	48	WSW	3	bc	29.34	— .16	51	50	+ 1	WSW	7	r	5	51	44	0.25		
Liverpool (Bidston)	29.68	47	WSW	5	b	29.33	— .14	52	50	+ 1	SW	7	c	5	54	43	0.03		
Valencia	29.79	47	Z	0	omg	29.58	— .09	48	43	— 5	WNW	8	ogu	7	55	45	0.10		
Roche's Point	29.72	46	WNW	3	c	29.55	— .09	48	46	— 3	W	5	bc	5	51	44	0.18		
Pembroke	29.82	49	WSW	2	bc	29.54	— .10	51	51	+ 1	WSW	7	dm	6	51	47	0.03		
Scilly	29.88	51	W	6	opa	29.76	— .06	53	53	+ 2	WSW	8	od	6	53	45	0.04		
Prawle Point	29.87	50	WSW	3	f	29.79	— .01	50	50	0	SW	6	0	6	51	46	0.05		
Hurst Castle	29.81	47	W	5	cd	29.76	— .01	50	50	+ 1	W	7	omd	5	50	46	0.02		
Dover	29.76	48	W	6	om	29.78	— .01	49	48	+ 4	WSW	6	og	5	49	45	0.08		
London	29.75	51	WSW	3	bc	29.71	— .03	51	50	+ 4	SW	6	0	*	53	44	—		
Oxford	29.82	49	SW	2	c	29.65	— .00	51	50	+ 2	SW	8	og	*	52	43	—		
Cambridge	29.71	49	SW	2	b	29.61	— .04	50	49	+ 3	SW	5	0	*	52	39	0.01		
Yarmouth	29.68	50	W	4	b	29.62	— .04	48	47	+ 6	SW	5	pgg	3	50	42	—		
The Helder	29.64	45	SW	3	?	29.69	— .12	44	44	+ 5	SSW	4	f	3	46	37	0.20		
Cape Gris Nez	29.78	49	SW	5	r	29.81	— .05	47	47	+ 4	SW	8	0	b	50	?	0.24		
Jersey	29.94	50	W	4	f	29.95	+ .02	50	50	+ 3	SW	5	ogu	4	51	46	0.05		
Brest	30.02	51	WNW	4	f	29.99	+ .01	52	45	0	SW	5	0	5	52	45	?		
Lorient	30.02	51	WSW	4	r	30.01	— .02	51	51	+ 1	W	4	m	4	52	45	0.08		
Roche fort	30.12	51	SW	5	r	30.17	+ .04	52	51	+ 9	WSW	4	f	2	52	37	0.12		
Biarritz	30.25	44	SSW	4	r	30.26	+ .02	51	48	+ 10	SW	4	r	5	55	46	0.12		
Corunna	*	*	*	*	*	30.29	— .01	52	*	+ 7	SSE	1	0	5	*	*	*		
Brussels	*	*	*	*	*	29.87	— .12	48	47	+ 10	SW	8	0	*	?	?	0.04		
Charleville	?	?	?	?	?	30.01	— .07	43	41	+ 8	S	1	f	*	45	35	0.16		
Paris	30.00	41	WSW	4	0	30.04	— .07	48	46	+ 11	SE	3	bc	*	*	*	—		
Lyons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Toulon	30.06	49	Z	0	b	30.18	+ .23	46	43	— 2	Z	0	b	2	52	46	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.34	43	WSW	4	r	28.03	— .15	46	46	+ 1	WSW	6	r	*	46	38	1.51		

## HIGH LEVEL STATION.

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

Hawes Junction	28.34	43	WSW	4	r	28.03	— .15	46	46	+ 1	WSW	6	r	*	46	38	1.51
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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 ...	29.06	39	38	SSE	9	r	Valencia ...	29.78	53	50	W	4	cq	5
Samburgh Head	28.80	46	46	W	6	r	Scilly ...	29.88	53	53	WSW	6	od	6
Stornoway ...	29.02	44	43	W	7	cq	Dover ..	29.68	48	48	WSW	6	ogpm	6
Aberdeen ...	29.06	48	44	WSW	4	b	London ...	29.69	53	52	WSW	4	o	*
Shields ...	29.26	53	51	W	8	c	Yarmouth ...	29.55	50	49	WSW	5	cq	3
Ardrossan ...	29.32	50	48	W	6	c	Jersey ...	29.91	50	50	WSW	5	o	4
Mullaghmore ...	29.54	49	44	W	7	ogpm	Roche fort ...	30.14	50	48	SW	5	o	2
Holyhead ...	29.58	51	51	WSW	4	c								

The depression noticed this morning has moved N.W. as far as the Shetlands, and the barometer is rising in the W. and N. The wind has veered generally, and at Donaghadee and Shields increased to a gale.

## 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 Chart.



# DAILY WEATHER REPORT

FOR

SATURDAY, 7<sup>TH</sup> JANUARY.

1882

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>/ D<sup>o</sup>

ROBERT H. SCOTT  
(SECRETARY.)



# WEATHER CHARTS

at 8 a.m. on SATURDAY, 7<sup>th</sup> JANUARY 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.

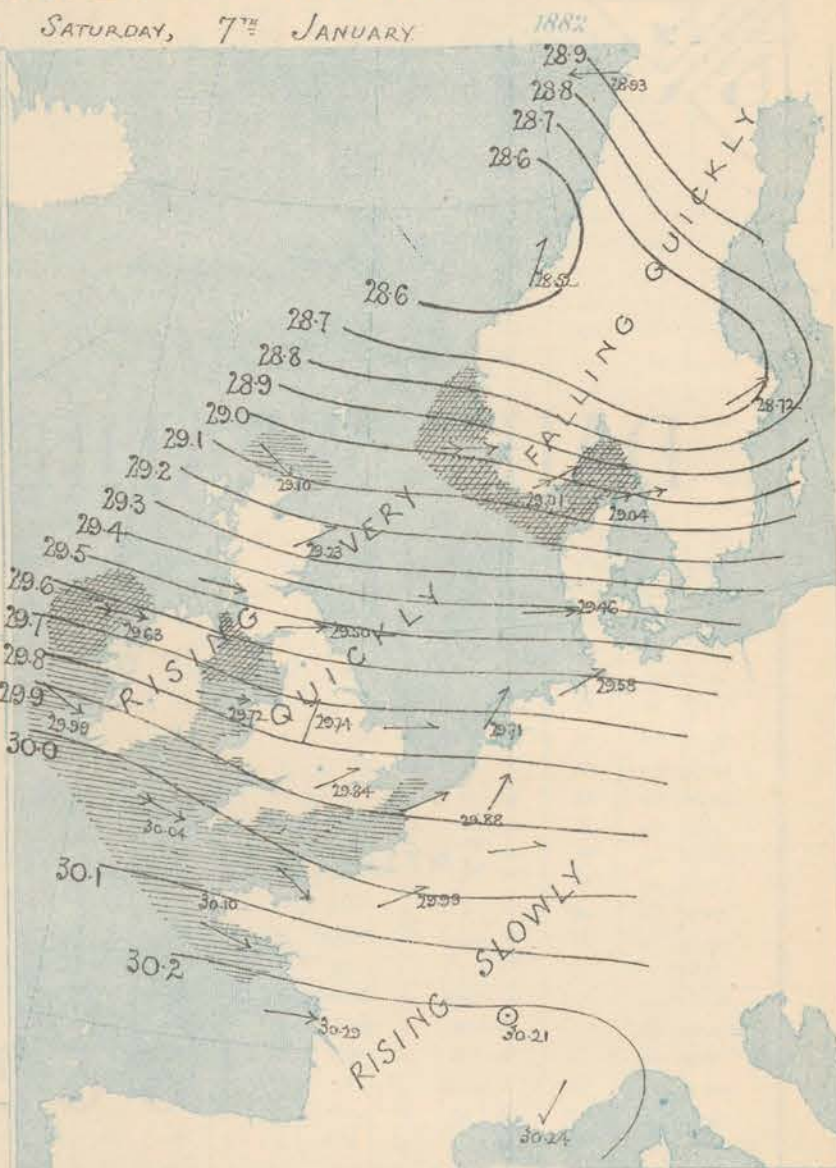
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
 \* forces above 10; \* forces 8 to 10;  
 \* forces 5 to 7; \* forces 1 to 4;  
 ○ - dead calm.

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

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

Stations	Mean Readings Jan
Nairn	29.494
Aberdeen	29.527
Leith	29.603
Scarborough	29.796
Anderson	29.678
Greenacres	29.651
Holyhead	29.730
Valentia	29.721
Roches Pt	29.756
Plymouth	29.866
LONDON	29.863
Wormouth	29.897

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





# REMARKS

for Saturday 7<sup>th</sup> JAN<sup>y</sup> 1882 at 8 a.m.

Since the issue of our last report the depression noticed off the north coast of Scotland has passed on. NE<sup>wd</sup> to the north-west coast of Norway, where the barometer is below 29 ins: and is still falling. In all other places the mercury is rising, the change on our N. and NW. coasts amounting to half an inch. The area of highest pressure lies over the south-west of France, ~~and~~ the wind has veered to W. or NW. in nearly all places, and though much more moderate in force than it was yesterday, still blows strongly except in the SE., and reaches a gale at Scilly. During yesterday very severe gales were experienced all over the more northern parts of the Kingdom, the greatest force being felt over the Clyde at about Midday. Rain fell in nearly all places yesterday and hail in the W. and NW., but this morning the sky has cleared in almost all districts and the weather is fine and bright generally. Temperature has decreased quietly and readings range from 46° at Scilly to 35° at Wick. Yesterday the weather was exceptionally warm over England, the maxima varying from 60° at Nottingham to 52° on our East coast.

The sea is very rough in the W. S. and N.

## FORECASTS

for the 24 hours ending at Noon  
on the

8<sup>th</sup> JANUARY

ISSUED AT 11 a.m. on previous day

MAP SHOWING  
DISTRICTS



### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	NW <sup>ly</sup> and W <sup>ly</sup> winds, fresh or strong; some cold showers occasionally, fine intervals. Cold.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as N° 5
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND SOUTH	W <sup>ly</sup> winds, moderate and fresh; cold fair day and evening, then milder and more unsettled.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Same as N° 0 to 2
7 ENGLAND N.W.	Same as N° 0 to 2
8 ENGLAND S.W.	W <sup>ly</sup> strong winds, gales in places, some showers, with bright intervals.
9 IRELAND NORTH	Strong W <sup>ly</sup> winds with fair, cold weather, then wind backing, showery, milder.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The south cone still flies in districts N° 3, 5 and 8.



# METEOROLOGICAL OBSERVATIONS FOR

7<sup>th</sup> JAN<sup>y</sup>

1882

† 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 10).		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 10).			Max.	Min.			
Haparanda																			
Hernösand																			
Stockholm	29.01	37	2	4	A	28.72	- 24	41	38	+ 7	WSW	6	A	*	?	34	0.08		
Wisby																			
Bodö	28.95	33	ENE	4	B	28.93	- 14	23	22	- 5	E	6	C	*	32	21			
Christiansund	28.47	38	SE	8	O	28.52	- 34	40	37	- 1	SSW	4	O	A	?	25			
†Skudesnes	28.41	45	SSW	9	A	29.03	- 14	40	37	- 2	W	8	O	8	45	?			
Oxö (Ödumön)	28.43	42	SSW	9	A	29.01	- 25	40	38	- 1	WSW	9	C	6	43	37	0.32		
Skagen (The Skaw)	28.92	42	W	9	A	29.04	- 27	41	38	- 1	W	9	B	Q	43	39	0.28		
Faro	29.18	43	W	8	B	29.46	- 10	41	39	- 1	W	6	bc	*	45	41	0.12		
Cuxhaven	29.47	41	SW	6	O	29.58	- 06	39	37	- 1	WSW	4	bc	*	46	34	0.08		
†Sumburgh Head	28.26	42	NW	7	O	28.82	+ 11	39	36	- 4	W	5	C	6	46	38	0.28		
†Stornoway																			
Wick	28.86	40	NW	10	C	29.10	+ 50	35	33	- 9	NW	6	C	5	244	34	0.20		
Nairn	28.90	40	SW	6	O	29.21	+ 42	36	35	- 10	WSW	3	A	3	48	38	0.81		
†Aberdeen	28.89	43	W	6	B	29.23	- 39	36	33	- 9	WSW	4	B	3	47	35	0.03		
Leith	29.13	42	W	4	B	29.58	+ 49	37	35	- 12	WSW	6	C	*	49	34	0.81		
†Shields	29.18	43	WSW	8	B	29.50	+ 35	38	35	- 12	W	5	m	2	52	36	0.12		
Spurn Head	29.30	44	WSW	4	B	29.57	+ 17	40	38	- 6	WSW	4	bc	4	52	35	0.03		
York	29.48	43	W	4	B	29.53	+ 20	39	36	- 11	W	4	A	*	53	36	0.08		
Nottingham	29.64	42	SW	4	B	29.74	+ 27	36	35	- 15	SSW	3	B	*	60	34			
†Ardrossan	29.24	43	W	4	B	29.48	+ 47	37	37	- 4	W	5	C	4	46	36	0.21		
†Mullaghmore	29.44	42	W	9	C	29.63	+ 51	42	38	- 3	W	8	cgg	7	46	38	0.18		
Donaghadee	29.43	38	WNW	8	B	29.59	+ 45	35	34	- 12	W	4	B	5	47	33	0.03		
Parsonstown	29.66	39	SW	4	O	29.83	+ 41	36	33	- 9	W	1	bc	*	45	34	0.30		
Barrow-in-Furness	29.49	43	SW	6	B	29.61	+ 36	41	37	- 4	W	4	bc	4	49	40	0.02		
†Holyhead	29.89	45	WSW	6	C	29.72	+ 38	41	37	- 10	W	6	C	5	51	40			
Liverpool (Bidston)	29.35	43	WSW	4	B	29.68	+ 35	40	37	- 12	WSW	6	bc	5	53	38	0.06		
†Valencia	29.75	44	W	5	bc	29.99	+ 41	43	40	- 5	WNW	6	cgh	6	48	38	0.19		
Roche's Point	29.75	42	WNW	5	bc	29.91	+ 36	40	38	- 8	W	5	bc	4	50	38	0.08		
Pembroke	29.72	47	W	7	bc	29.87	+ 33	43	40	- 8	W	6	bc	6	51	43	0.17		
†Scilly	29.88	50	W	8	O	30.04	+ 28	46	45	- 4	WNW	9	cq	6	53	43	0.16		
Prawle Point	29.88	47	W	6	B	29.97	+ 18	44	41	- 6	W	6	bc	5	53	40	0.15		
Hurst Castle	29.83	49	WNW	5	bc	29.91	+ 15	43	41	- 4	WNW	4	B	5	51	41	0.05		
†Dover	29.77	47	W	4	B	29.83	+ 05	44	43	- 5	W	4	B	3	50	42	0.06		
†London	29.76	46	WSW	3	B	29.84	+ 13	40	38	- 11	WSW	4	B	*	53	39	0.10		
Oxford	29.77	44	SW	5	B	29.83	+ 18	39	38	- 12	W	5	B	*	53	39	0.07		
Cambridge	29.72	44	SW	2	B	29.78	+ 17	39	38	- 11	SW	1	bc	*	54	35	0.02		
†Yarmouth	29.61	46	W	6	B	29.73	+ 11	39	38	- 9	W	4	bc	3	52	36	0.09		
The Holder	29.62	45	WSW	5	B	29.71	+ 02	42	40	- 2	SW	4	B	3	48	41	0.08		
Cape Gris Nez	29.80	47	WSW	4	B	29.87	+ 06	46	43	- 1	WSW	5	C	5	52	41	0.08		
†Jersey	29.97	50	W	6	bc	30.04	+ 09	47	44	- 3	WNW	6	bc	5	52	44	0.22		
Brest	30.05	52	NW	4	A	30.10	+ 11	49	43	- 3	NW	4	O	5	52	45	0.16		
Lorient	30.04	52	W	5	m	30.05	+ 04	48	45	- 3	WNW	4	B	5	54	45	0.16		
†Rochefort	30.10	35	WSW	4	O	30.20	+ 12	51	50	- 1	W	5	A	2	55	45	0.16		
Biarritz																			
Corunna																			
Brussels						29.88	+ 07	45	43	- 3	SW	5	O	*	52	44	0.04		
Charleville	29.97	50	W	4	O	29.94	- 07	45	42	+ 2	W	4	O	*	50	39	0.24		
Paris	29.97	53	SW	4	O	29.99	- 05	48	46	0	WSW	3	O	*	*	*	0.20		
Lyons	30.01	43	Z	0	O	30.21		41	40		SSW	1	bc	*	46	39			
Toulon	30.24	7	Z	0	B	30.24	+ 06	46	45	0	NE	1	bc	2	52	45			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.18	38	WSW	9	C	28.33	+ 30	34	32	- 12	WSW	6	O	*	246	33	0.12		

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

Hawes Junction	28.18	38	WSW	9	C	28.33	+ 30	34	32	- 12	WSW	6	O	#	46	33 0.12
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnes ...	28.74	46	43	S	9	A	8	Valencia ...	29.71	46	42	W	7	cgg	6
Sumburgh Head	28.16	42	41	S	7	A	6	Scilly ...	29.84	52	50	W	8	c	6
Stornoway ...								Dover ...	29.70	49	49	WSW	6	od	5
Aberdeen ...	28.81	43	41	WSW	9	C	6	London ...	29.69	50	48	WSW	5	om	#
Shields ...	29.18	47	40	WSW	8	C	2	Yarmouth ...	29.63	48	47	WNW	6	cg	3
Ardrossan ...	29.00	45	43	W	10	B	8	Jersey ...	29.92	51	51	SW	6	O	5
Mullaghmore ...	29.31	45	39	W	9	bcgm	8	Rochefort ...	30.18	54	53	W	5	A	2
Holyhead ...	29.48	47	41	WSW	7	bc	6								

The barometer is rising in the W. and N. and the depression passing away. Gales are reported from Ireland, Scotland, and the N.E. of England.

## 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 (hozy) 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 8<sup>TH</sup> JANUARY

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

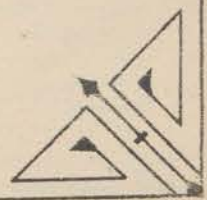
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ROBERT H. SCOTT  
(SECRETARY.)



*Fred<sup>s</sup> Dangerfield, Lith. 22, Pall Mall S. Green Garden.*



# WEATHER CHARTS

for 8 a.m. on Sunday 8<sup>th</sup> JANUARY. 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 force, thus:  
 — force above 10; — force 8 to 10  
 — force 5 to 7; — force 1 to 4.  
 ○ dead calm.

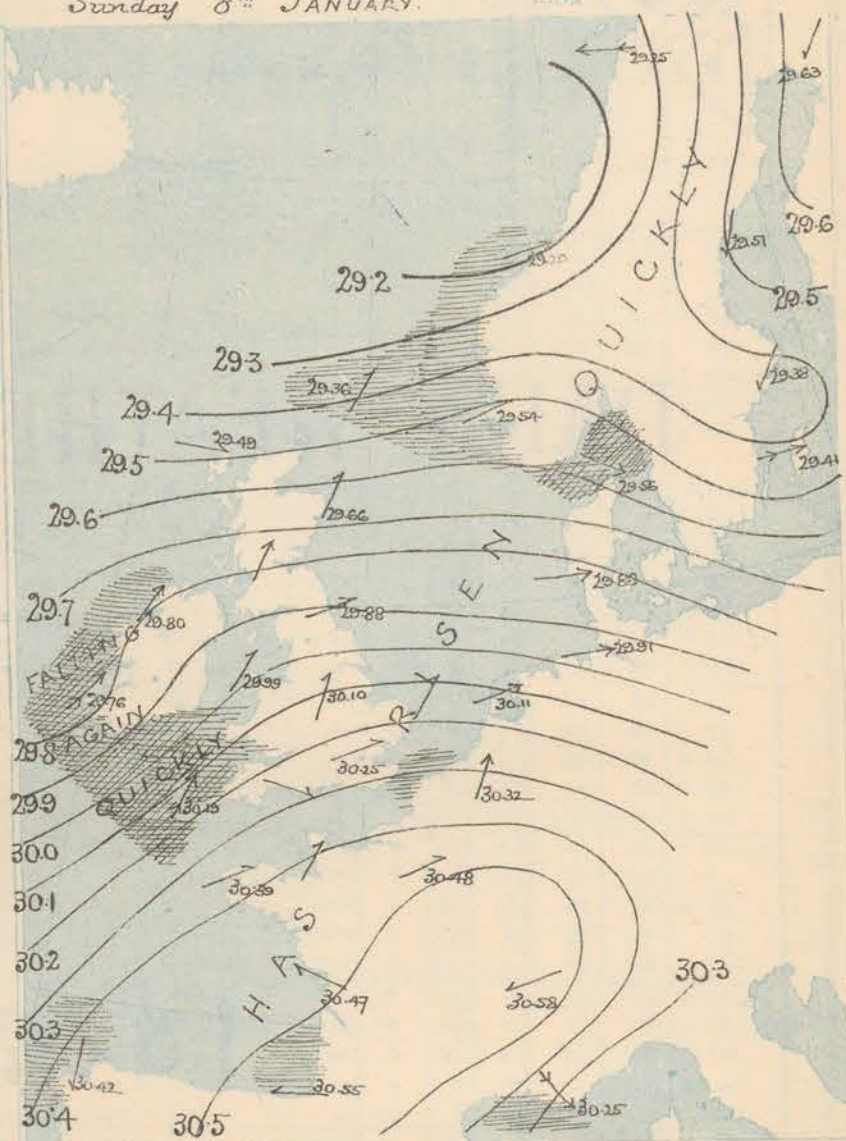
Sea Disturbance where considerable is shown by shading round the coast, thus: Rough High.

## MEAN\* HEIGHT of the BAROMETER.

for the month of January.

Stations	Mean Readings in.
Aberdeen	29.584
Aberdeen	29.627
Leith	29.690
Scarborough	29.760
Arbroath	29.678
Greenock	29.657
Holyhead	29.730
Valencia	29.729
Rosbe's Pt.	29.763
Plymouth	29.806
LONDON	29.824
Vermouth	29.943

\* 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.

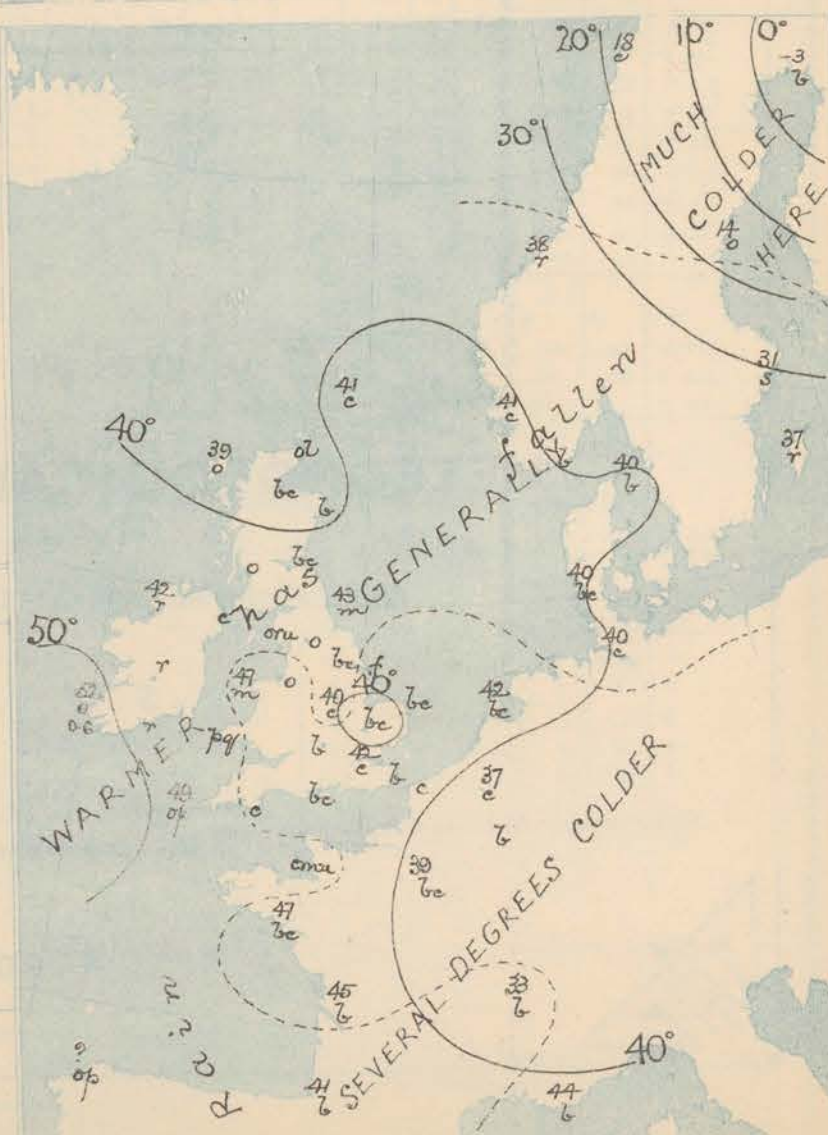
Temperature isotherms are drawn for each 10° changes in temperature since previous morning are stated in words. Weather Letters of the Beaufort Scale show state of Weather at 8 a.m. Rainfall, a dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January.

Stations	Temp	Rain fall
Scarborough Head	40.3	3.09
Stornoway	39.3	5.72
Aberdeen	37.1	2.76
Shetls	37.5	1.98
York	37.2	1.69
Millington	40.4	?
Holyhead	41.3	1.27
Rosbe's Pt.	39.6	3.62
Valencia	43.1	7.70
Sally (St Mary's)	45.2	5.18
Ilust Castle	40.4	?
Dover	38.3	1.56
LONDON	48.8	2.63
Vermouth	47.3	2.69

\* The mean temperatures are those for the 10 years 1871-80 the mean amounts of rain are those for the 10 years 1866-75.





# REMARKS

for 8<sup>th</sup> January.

1882 at 10 a.m.

A brisk recovery in pressure has occurred over Scandinavia, and the greater part of these Islands and France from the deep depression which passed over during Friday and Saturday, and a large anticyclone has been formed over the Bay of Biscay and the south of France. In Ireland, however, the mercury is now falling again quickly and a subsidiary disturbance is approaching that country. This depression has occasioned SW<sup>g</sup> gales on our SW. coast, with dull, rainy, weather over Ireland and the extreme west of England; but moderate SW<sup>g</sup> breezes prevail elsewhere with moderately fair weather. Temperature is rising except in Sweden, and readings range over these Islands from 52° at Valencia to 38° at Yarmouth.

The sea is rough in the Skager Rack, off the west of Norway, off our W- and SW- coasts generally, and at some French stations.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

ISSUED AT 11 a.m. on previous day

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND NE
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

NONE

ISSUED

- 6 SCOTLAND WEST
- 7 ENGLAND NW
- 8 ENGLAND SW
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

### WARNINGS

NONE

ISSUED

The S. cone has been hoisted this morning in districts 6 to 10 and part of No 5



# METEOROLOGICAL OBSERVATIONS FOR 8<sup>TH</sup> JANUARY 1882

* 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 3).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.34	7	NE	4	b	29.63	+ .53	-3	-4	-22	NE	2	b	*	19	?	-			
Hernösand ...	29.21	31	NE	4	s	29.51	+ .78	11	12	-19	NNE	4	o	*	34	?	0.04			
Stockholm ...	29.13	37	WSW	6	o	29.38	+ .66	31	31	-10	NE	2	s	*	43	?	0.04			
Wisby ...	29.21	39	WSW	6	b	29.41		37	36		W	8	r	*	45	37	-			
Bodö ...	29.17	19	E	6	b	29.25	+ .32	18	16	-5	E	8	c	4	28	12	-			
Christiansund...	28.80	40	WSW	5	o	29.20	+ .68	38	36	-2	WSW	7	r	5	?	27	0.40			
†Skudesnaes ...	29.21	40	W	7	o	29.54	+ .51	41	39	+1	WSW	4	c	5	41	39	-			
Oxö (Christiansund) ...	29.23	40	WSW	8	r	29.58	+ .57	38	37	-2	W	8	b	4	41	36	0.08			
Skagen (The Skaw)	29.27	40	W	8	o	29.56	+ .52	40	37	-1	WNW	7	b	7	43	34	0.04			
Fanö ...	29.66	40	W	6	c	29.88	+ .42	40	39	-1	W	5	bc	*	41	39	0.04			
Cuxhaven ...	29.63	?	W	6	r	29.91	+ .33	40	39	+1	W	6	c	*	41	37	0.10			
†Sumburgh Head	29.11	40	W	5	c	29.36	+ .51	41	39	+2	SW	4	c	5	42	32	0.16			
†Stornoway ...	29.48	38	W	5	c	29.49	+ .34	39	38	+2	W	4	o	3	39	35	0.32			
Wick ...	29.40	35	NNW	8	o	29.51	+ .41	37	35	+2	NNW	2	bc	3	37	33	0.05			
Nairn ...	29.48	36	WSW	3	b	29.57	+ .36	39	37	+3	WSW	5	bc	3	39	33	0.16			
†Aberdeen ...	29.52	36	W	3	b	29.66	+ .43	39	36	+3	SW	3	b	1	39	33	-			
Leith ...	29.68	32	WSW	3	r	29.75	+ .37	42	39	+5	SW	6	bc	*	42	33	0.23			
†Shields ...	29.74	37	W	6	bc	29.88	+ .38	43	39	+5	WSW	3	m	2	43	36	0.01			
Spurn Head ...	29.88	40	WSW	6	b	30.01	+ .44	39	38	-1	SW	4	f	3	41	36	-			
York ...	29.87	41	W	6	b	30.01	+ .48	42	40	+3	SW	2	bc	*	43	37	0.01			
Nottingham ...	30.07	39	SW	3	c	30.16	+ .36	40	39	+4	SSW	2	c	*	44	34	0.01			
†Ardrossan ...	29.73	40	W	4	b	29.79	+ .31	44	44	+7	SW	5	o	4	44	36	0.16			
†Mullaghmore ...	29.37	43	W	7	c	29.80	+ .27	42	41	0	SW	5	ry	6	45	34	0.19			
Donaghadee ...	29.78	38	W	6	b	29.86	+ .27	42	40	+7	SW	6	c	4	42	33	0.66			
Parsonstown ...	30.06	41	W	2	bc	29.84	+ .01	41	40	+5	SSE	2	or	*	42	34	0.19			
Barrow-in-Furness	29.97	44	W	5	b	29.97	+ .36	44	42	+3	SSW	4	o	4	45	39	-			
Holyhead ...	29.98	44	W	4	b	29.99	+ .27	47	44	+6	SW	4	m	3	47	40	-			
Liverpool (Bidston)	29.93	42	WSW	6	bc	30.01	+ .33	44	42	+4	SW	4	o	3	45	39	-			
†Valencia ...	30.17	46	WSW	6	bc	29.76	- .23	52	50	+4	SW	9	cgmy	7	53	41	0.56			
Roche's Point...	30.18	42	W	4	bc	29.86	- .05	47	47	+7	SSW	8	z	5	49	40	0.20			
Pembroke ...	30.13	47	WNW	5	bc	30.09	+ .22	47	45	+4	WSW	6	pg	6	48	43	0.11			
†Scilly ...	30.24	48	WNW	8	c	30.19	+ .15	49	49	+3	SW	8	op	7	49	43	0.04			
Frawle Point ...	30.26	42	WNW	3	b	30.27	+ .30	48	45	+4	SW	5	c	3	48	39	0.04			
Hurst Castle ...	30.23	43	NNW	5	b	30.27	+ .36	44	44	+3	WNW	4	bc	4	47	43	-			
†Dover ...	30.10	40	W	4	b	30.28	+ .45	42	41	-2	W	3	b	2	44	37	-			
†London ...	30.12	39	W	4	b	30.25	+ .41	42	40	+2	WSW	3	c	*	45	37	-			
Oxford ...	30.16	39	SW	3	b	30.20	+ .37	41	39	+2	SW	4	b	*	44	38	-			
Cambridge ...	30.07	39	SW	3	b	30.19	+ .41	38	37	-1	SW	1	bc	*	44	34	-			
†Yarmouth ...	29.94	39	WNW	5	bc	30.13	+ .40	38	37	-1	SW	3	bc	3	42	36	-			
The Heider ...	29.93	43	W	7	c	30.11	+ .40	42	40	0	WSW	5	bc	4	43	41	-			
Cape Gris Nez ...	30.14	43	WSW	7	b	30.27	+ .40	47	44	+1	W	7	c	5	48	43	-			
†Jersey ...	30.32	45	W	4	b	30.39	+ .35	44	44	-1	SW	4	cm	4	48	43	0.05			
Brest ...	30.38	49	NNW	4	b	30.39	+ .39	?	48	?	WSW	?	b	4	50	43	-			
Lorient ...	30.41	47	NNW	7	b	30.41	+ .36	47	43	-1	NNW	4	bc	3	52	41	-			
†Rochefort ...	30.41	49	NNW	5	b	30.47	+ .18	45	43	-6	SE	4	b	2	54	37	-			
Biarritz ...	30.50	51	N	7	r	30.55	+ .22	41	38	-13	E	4	b	6	54	36	0.08			
Corunna ...	*	*	*	*	*	30.42	?	*	*	*	N	1	op	5	*	*	*			
Brussels ...	*	*	*	*	*	30.32	+ .44	37	36	-8	SW	5	c	*	46	36	0.04			
Charleville ...	30.14	36	W	1	b	30.40	+ .46	31	31	-14	W	1	b	*	48	29	-			
Paris ...	30.26	43	WSW	5	b	30.48	+ .49	39	37	-9	WSW	1	bc	*	*	*	-			
Lyons ...	30.32	44	NNW	7	b	30.58	+ .37	33	33	-8	ENE	1	b	*	55	33	0.04			
Toulon ...	30.12	30	WNW	7	b	30.25	+ .01	44	?	-2	NNW	8	b	5	54	41	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.58	36	W	5	r	28.71	+ .38	39	39	+5	SW	5	o	*	39	32	0.17			

## YESTERDAY'S 3 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes	29.16	39	37	W	8	r	Valencia	30.12	48	44	W	6	cgmy
Sumburgh Head	29.96	39	36	W	5	c	Scilly	30.20	48	46	WNW	8	c
Stornoway	29.33	38	36	W	6	c	Dover	29.97	44	41	WNW	4	b
Aberdeen	29.39	38	34	W	4	b	London	30.00	44	40	WNW	4	b
Shields	29.64	41	38	W	6	bc	Yarmouth	29.82	42	38	WNW	5	b
Ardrossan	29.62	42	40	W	6	bc	Jersey	30.22	44	42	NNW	4	bc
Mullaghmore	29.50	43	41	W	8	chrg	Rocheport	30.46	52	50	W	5	b
Holyhead	29.92	43	39	W	7	bc							

The barometer is rising everywhere. The weather is fine except for a few showers in the N. of Ireland and the only sign of further unsettled weather is that the wind at Valencia has backed from WNW to W. during the morning.

## 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, 9<sup>TH</sup> JANUARY.

1882

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METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

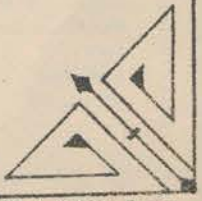
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ROBERT H. SCOTT

(SECRETARY.)



*Fred<sup>r</sup> Dongerfield Lith 22 Bedford St. Town Hall.*



# WEATHER CHARTS

for 8 a.m. on Monday 9<sup>th</sup> JANUARY 1888

## 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 heads and feathers refer to force thus:  
— force above 10; — force 8 to 10; — force 5 to 7; — force 1 to 4; — dead calm.

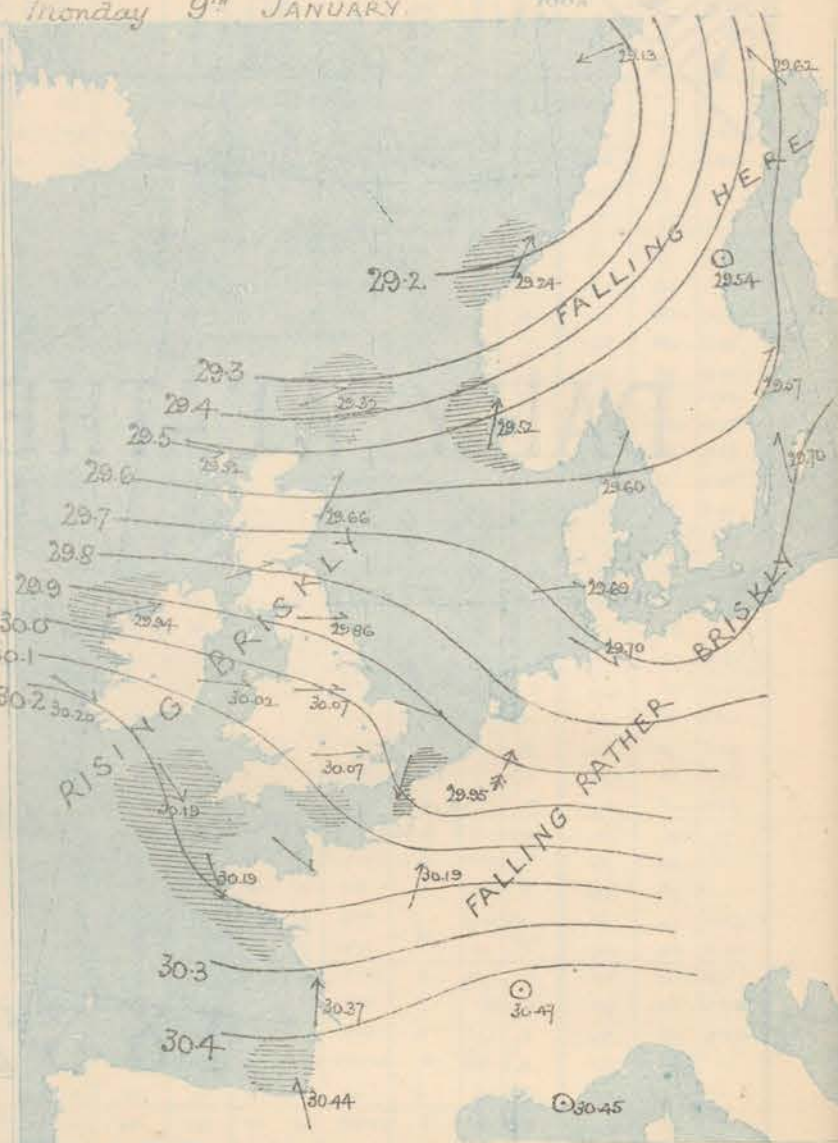
Sea Disturbance, where considerable, is shown by shading round the coast thus: Rough; High.

## MEAN HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings Jan
Nairn	29.58
Aberdeen	29.62
Glasgow	29.69
Scarborough	29.70
Ardnamoon	29.68
Greenacres	29.65
Holyhead	29.78
Valencia	29.72
Rochester	29.75
Plymouth	29.86
LONDON	29.87
Bournemouth	29.87

\* These means are for the 10 years 1866-75. I have complete set of mean values in my 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.

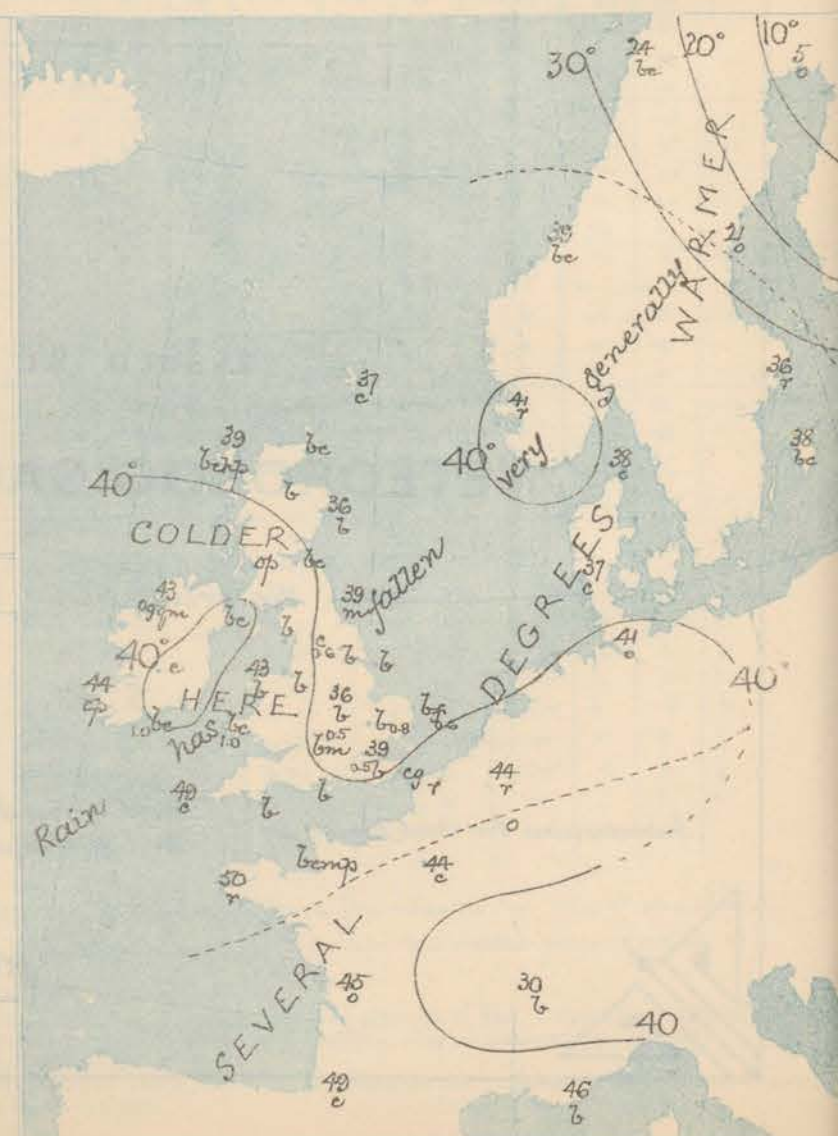
Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp	Rain Fall
Scrimborough Head	39.1	3.00
Stornoway	39.7	5.72
Aberdeen	37.4	2.76
Glasgow	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	0
Holyhead	41.3	4.27
Plymouth	39.6	3.62
Valencia	43.0	2.70
Sally (St Mary's)	46.2	5.48
West Castle	40.4	0
Dover	39.0	3.56
LONDON	39.8	2.63
Bournemouth	37.1	2.62

\* The mean temperatures are those for the 10 years 1867-69, the mean amounts of rain are those for the 10 years 1866-75.





# REMARKS

for Monday 9<sup>th</sup> JAN<sup>y</sup>

1882 at 8 a.m.

The depression which was approaching the south of Ireland yesterday morning and that which lay near Scilly last evening are both passing away E<sup>ly</sup> across the North Sea, while the main disturbance lies over the north of Norway. The barometer is consequently rising over nearly the whole of these Islands, and the area of highest readings which lies over France and the Bay of Biscay seems to be spreading NW<sup>ly</sup> towards the W. coast of Ireland. The wind has veered generally, W<sup>ly</sup> and NW<sup>ly</sup> breezes being reported from most coasts, while the gales which prevailed in the south yesterday have subsided to moderate or fresh winds. At Brussels, however, a severe gale is reported. The weather has cleared and become fine and bright over nearly the whole Kingdom, but on our extreme western coast, showers are reported, while at Brest and Brussels steady rain is falling. During yesterday heavy rain fell over the SW<sup>ly</sup> and S districts. Temperature has fallen and ranges from 43° at Scilly to 35° at Wick, while during the early morning the thermometer fell to 31° at Barrow-in-Furness and 30° at Aberdeen. The sea is rough in the N., S., and at Mullaghmore.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

10<sup>th</sup> JANUARY

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W <sup>ly</sup> winds, moderate or fresh, gusty, some showers but fair generally.	6 SCOTLAND WEST	Same as Nos 0 to 2
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	W <sup>ly</sup> winds, fresh; fair then rainy.
3 ENGLAND N.E.	-----D°-----D°-----D°-----	8 ENGLAND S.W.	Wind backing from NW. to SW., fresh; fine then showery.
4 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	W <sup>ly</sup> winds, fresh or strong; cloudy showery, rather cold.
5 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	NW <sup>ly</sup> and W <sup>ly</sup> winds, moderate; weather fine and rather cold, then milder and more unsettled.	<p>WARNINGS</p> <p>The S. cone was hoisted during yesterday in districts Nos 3 to 10, but has been lowered this morning.</p>	



# METEOROLOGICAL OBSERVATIONS FOR

9<sup>th</sup> JAN.

1882

† 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.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.71	1	NE	2	o	29.62	- 01	5	5	+ 8	SE	4	o	*	?	- 11	-		
Hernösand ...	29.69	1.1	N	2	s	29.54	+ 03	21	21	+ 7	Z	o	o	*	?	10	-		
Stockholm ...	29.69	20	Z	0	o	29.57	+ 19	36	35	+ 5	SW	2	2	*	39	9	0.04		
Wisby ...	29.70	39	SW	4	bc	29.70	+ 29	38	38	+ 1	E	4	bc	*	41	35	0.08		
Bodö ...	29.77	17	ENE	8	bc	29.13	- 12	24	23	+ 6	ENE	6	bc	3	24	16	-		
Christiansund ...	29.28	35	SW	6	o	29.24	+ 04	39	35	+ 1	SW	6	bc	5	39	25	0.24		
†Skudesnaes ...	29.55	41	W	4	bc	29.52	00	41	39	0	SSW	5	2	5	43	41	-		
Örö (Xtiansund) ...	29.67	43	SW	6	2	29.58	00	43	43	+ 5	W	1	6	3	43	?	0.35		
Skagen (The Skaw) ...	29.71	40	WSW	5	o	29.60	+ 04	38	38	- 2	SW	4	o	4	41	36	0.04		
Fanö ...	29.81	41	SW	4	2	29.69	- 19	37	37	- 3	W	4	o	*	43	36	0.16		
Cuxhaven ...	29.93	?	WSW	6	2	29.70	- 21	41	41	+ 1	WNW	4	o	*	43	36	0.36		
†Sumburgh Head ...	29.36	40	SW	4	c	29.32	- 04	37	36	- 4	WSW	4	c	5	42	35	0.26		
†Stornoway ...	29.84	36	W	3	bc	29.52	+ 03	39	37	0	W	5	bcph	4	40	35	0.15		
Wick ...	29.53	36	NW	2	6	29.51	00	35	34	- 2	W	1	bc	2	39	34	-		
Nairn ...	29.58	34	WSW	3	6	29.54	00	38	36	- 1	W	2	6	1	39	33	0.04		
†Aberdeen ...	29.60	38	W	1	6	29.66	00	36	34	- 3	SW	3	6	1	42	30	-		
Leith ...	29.66	40	SW	1	6	29.75	00	40	38	- 2	W	3	bc	*	43	35	0.01		
†Shields ...	29.67	39	WNW	3	o	29.86	- 02	39	37	- 4	W	2	m	2	45	36	0.02		
Spurn Head ...	29.66	48	SW	6	bc	29.91	- 10	40	39	+ 1	W	3	6	4	48	38	0.10		
York ...	29.65	49	WSW	4	o	29.97	- 04	39	37	- 3	WNW	1	6	*	49	36	0.21		
Nottingham ...	29.79	49	SW	6	c	30.07	- 03	36	35	- 4	W	1	6	*	50	36	0.25		
†Ardrossan ...	29.71	43	W	3	cp	29.82	+ 03	42	42	- 2	WSW	4	op	3	44	39	0.04		
†Mullaghmore ...	29.78	44	WNW	5	ogp	29.94	+ 14	43	41	+ 1	WSW	6	ogp	5	44	40	0.29		
Donaghadee ...	29.79	40	WSW	3	bc	29.94	+ 08	38	36	- 4	WSW	5	bc	3	42	35	0.09		
Parsonstown ...	29.86	43	SSW	1	o	30.09	+ 25	38	36	- 3	W	1	c	*	51	35	0.08		
Barrow-in-Furness ...	29.74	41	WNW	3	o	29.96	- 01	42	40	- 2	W	4	6	4	45	39	0.70		
†Holyhead ...	29.80	45	W	5	m	30.02	+ 03	43	40	- 4	W	4	6	3	50	42	0.22		
Liverpool (Bidston) ...	29.79	43	W	4	o	30.00	- 01	41	40	- 3	W	3	6	3	51	40	0.10		
†Valencia ...	29.87	45	Z	0	gm	30.20	+ 44	44	41	- 8	WNW	4	cp	4	53	42	0.42		
Roche's Point ...	29.87	43	NW	2	2	30.15	+ 29	40	37	- 7	W	3	bc	4	50	36	1.03		
Pembroke ...	29.84	49	NW	4	2	30.12	+ 03	46	43	- 1	WNW	4	bc	4	50	43	0.07		
†Scilly ...	30.03	51	SW	9	2	30.19	00	49	47	0	NW	5	c	6	53	47	0.14		
Prawle Point ...	30.05	49	SW	8	o	30.18	- 09	41	40	- 7	WNW	2	6	4	50	40	0.17		
Hurst Castle ...	30.05	49	WSW	4	ogp	30.10	- 17	41	40	- 5	N	3	6	5	50	40	0.18		
†Dover ...	30.06	47	SW	6	ogp	29.98	- 36	42	42	0	NNE	5	cg	3	48	41	0.18		
†London ...	29.99	49	SW	7	ogp	30.07	- 18	39	39	- 3	W	2	6	*	50	39	0.46		
Oxford ...	29.93	49	SW	5	o	30.08	- 12	38	38	- 3	WSW	1	6m	*	50	38	0.47		
Cambridge ...	29.84	49	SW	7	o	30.02	- 17	40	36	+ 2	WNW	1	6	*	50	37	0.76		
†Yarmouth ...	29.86	39	SW	6	2q	29.95	- 18	39	38	+ 1	WNW	2	bf	3	48	36	0.59		
The Helder ...																			
Cape Gris Nez ...	30.08	47	SW	9	o	30.00	- 27	41	41	- 6	N	5	2	5	43	40	0.16		
†Jersey ...	30.24	48	SW	6	c	30.14	- 22	48	47	+ 2	NW	4	cmph	4	51	45	0.07		
Brest ...	30.23	51	WSW	8	2	30.19	- 20	50	50	?	WNW	5	2	5	?	43	0.12		
Lorient ...	30.25	50	WSW	7	o	30.21	- 20	52	51	+ 5	W	7	o	5	?	45	-		
†Rochefort ...	30.44	45	S	5	6	30.34	- 10	45	43	0	S	5	o	2	52	36	-		
Biarritz ...	30.45	47	E	4	6	30.44	- 11	49	42	+ 8	SSE	3	2	5	52	37	-		
Corunna ...																			
Brussels ...						29.95	- 37	44	43	+ 7	SW	11	2	*	45	?	0.08		
Charleville ...	30.33	39	W	4	o	30.12	- 28	42	48	+ 11	S	4	o	*	48	?	-		
Paris ...	30.38	41	S	1	6	30.19	- 29	44	42	+ 5	SW	4	c	*			-		
Lyons ...	30.55	36	NE	1		30.47	- 11	30	30	- 3	ESE	1	6		44	23	-		
Toulon ...	30.36	48	Z	0	6	30.45	+ 20	46	41	+ 2	E	1	6	2	750	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.44	35	SSW	2	c	28.65	- 06	36	36	- 3	WSW	3	c	*	30	33	0.64		

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

Hawes Junction	28.44	35	SSW	2	c	28.65	-06	36	36	-3	WSW	3	c	39	33	0.64			
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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 ...	29.57	43	41	SW	6	c	5	Valenci ...				
Sumburgh Head ...								Scilly ...				
Stornoway ...								Dover ...				
Aberdeen ...								London ...				
Shields ...								Yarmouth ...				
Ardrossan ...								Jersey ...				
Mullaghmore ...								Rochefort ...	30.46	49	48	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).





# DAILY WEATHER REPORT

FOR

TUESDAY 10<sup>TH</sup> JANUARY.

1882

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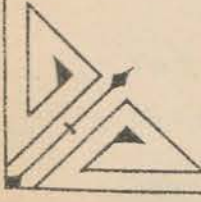
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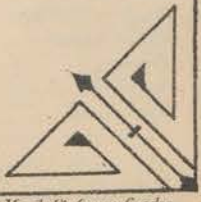
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on TUESDAY, 10<sup>TH</sup> JANUARY

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

— forces above 10; — forces 8 to 10; — forces 6 to 7; — forces 4 to 5; — forces 1 to 4.

☉ - dead calm.

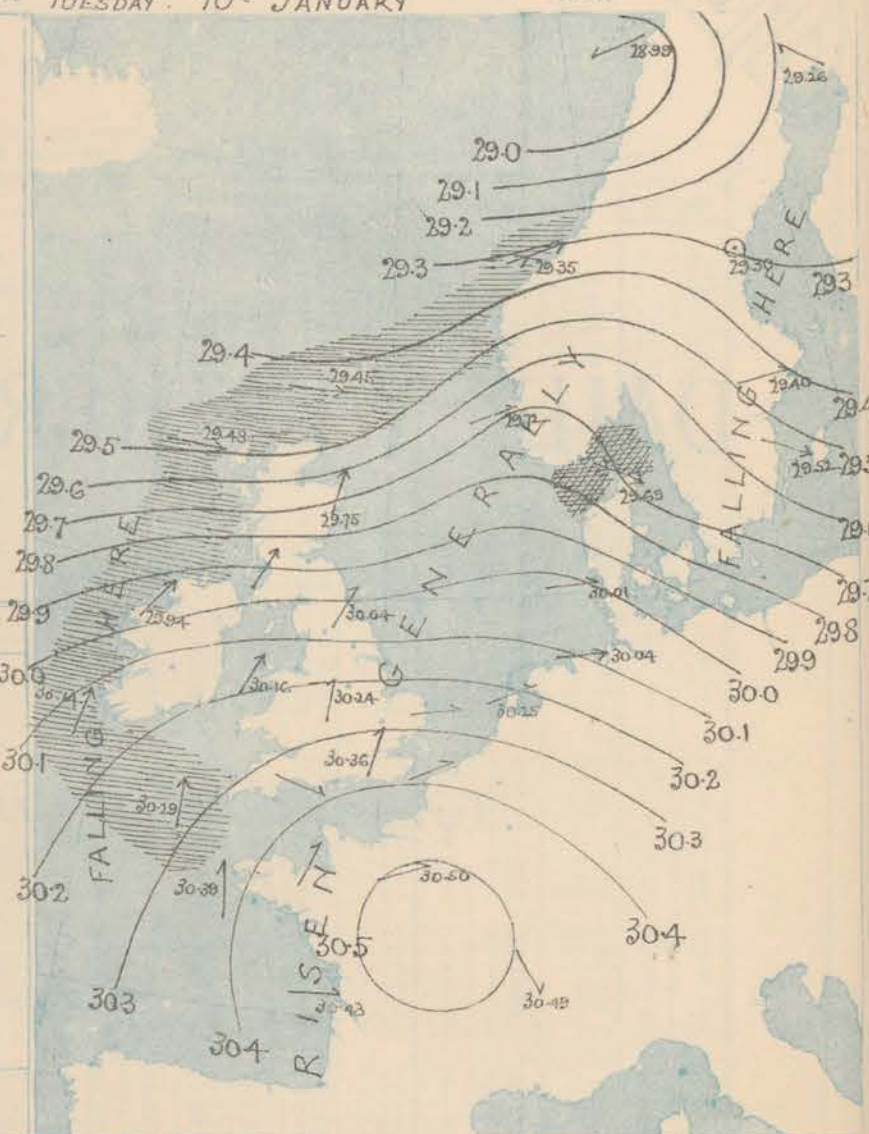
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings
	In.
Nairn	29.581
Aberdeen	29.627
Leith	29.663
Scarborough	29.701
Anderson	29.638
Greenock	29.653
Holyhead	29.730
Valentia	29.722
Rochester	29.753
Plymouth	29.870
LONDON	29.869
Farmouth	29.897

\* These means are for the 10 years 1865-75. 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.

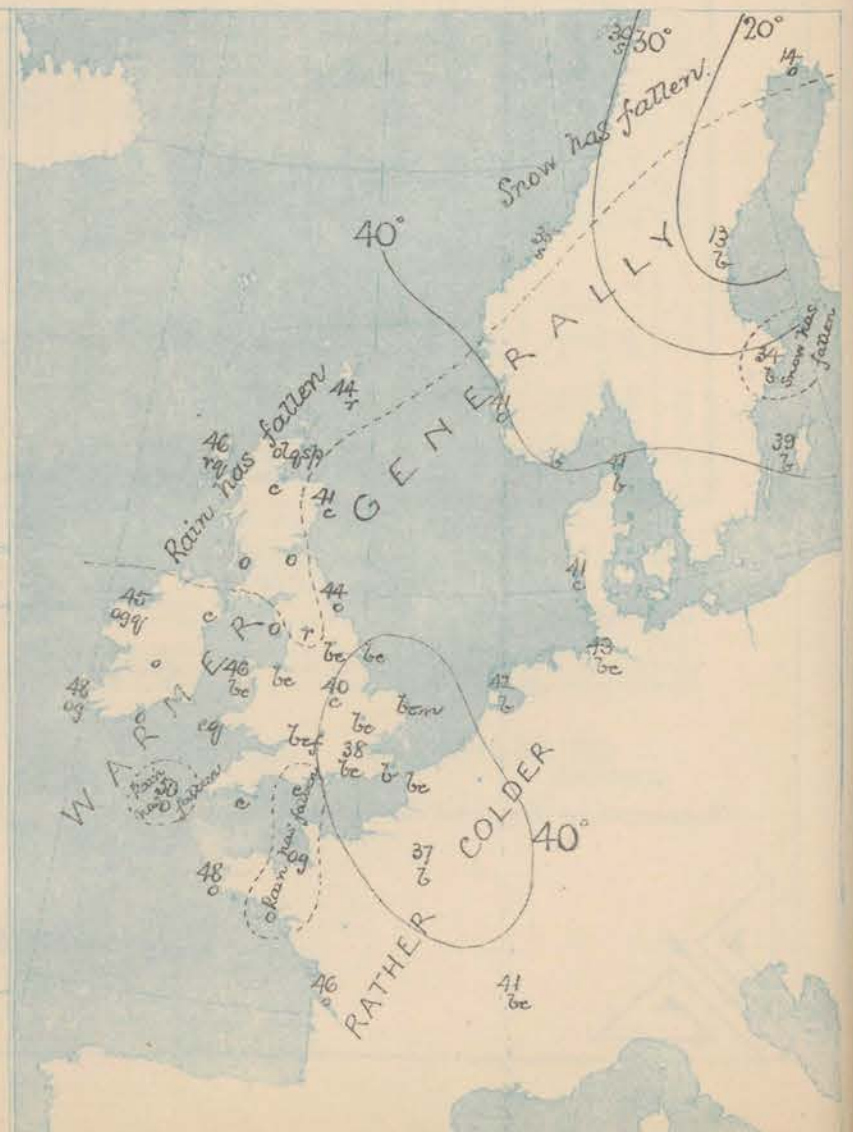
Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp	Rain fall
	°	ins.
Sunderbury Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Stirling	37.5	1.98
York	37.7	1.89
Mullingmead	40.2	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Scilly (St Mary's)	45.2	5.18
Hurst Castle	40.3	?
Dover	38.3	3.56
LONDON	38.8	2.63
Farmouth	37.3	2.64

\* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1865 to 1875.





# REMARKS

Tuesday 10<sup>th</sup> January 1882 at 8 a.m.

Pressure has increased over the greater part of the Kingdom since yesterday morning, but the barometer is now falling again all over the western and northern districts. Depressions are apparently approaching us from the westwards, while there is a large area of high pressure lying over France and the Channel. Gradients are steep in the north and a WSW gale is blowing at Christiansund, with strong W<sup>t</sup> winds in the Hebrides and the Shetlands, while on other parts of our coasts moderate to strong S<sup>t</sup> and SW<sup>t</sup> winds are reported. The weather is fine over the East of France and south-East of England, but is more or less cloudy elsewhere, with showers of snow at Kirk and in the west of Norway and rain in the Shetlands and Hebrides. In Sweden and over the Skager Rack the sky is clear. Slight rain has fallen in the extreme W. and N. Temperature has fallen in France and the SE. of England, risen elsewhere, and readings range from 50° at Scilly and 46° at Stormoway to 35° at Cambridge. The maxima yesterday varied between 51° at Valencia and 43° in the NE., while the minima last night were between 34° and 35° in the SE. and NE. Sea is rough in the SW., W., and N.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

11<sup>th</sup> JANUARY

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	W <sup>t</sup> winds, backing and increasing; unsettled, rain.
2 SCOTLAND EAST	— D° — D° — D° —
3 ENGLAND N.E.	SW <sup>t</sup> winds, increasing; dull, rainy.
4 ENGLAND EAST	— D° — D° — D° —
5 MIDLAND COUNTIES	SW <sup>t</sup> and W <sup>t</sup> winds, fresh and squally; mild, rain.
6 ENGLAND SOUTH	SW <sup>t</sup> and W <sup>t</sup> strong winds or gales; showery, unsettled. Morning finer and colder again.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	SW <sup>t</sup> strong winds and gales; dull, rain.
7 ENGLAND N.W.	— D° — D° — D° —
8 ENGLAND S.W.	SW <sup>t</sup> winds, veering, strong to a gale; cloudy, rain.
9 IRELAND NORTH	SW <sup>t</sup> and W <sup>t</sup> winds, strong to a gale; dull, showery, unsettled.
10 IRELAND SOUTH	— D° — D° — D° —
WARNINGS	
The south cone has been hoisted this morning in districts Nos 5 to 10.	



# METEOROLOGICAL OBSERVATIONS FOR

10<sup>th</sup> JAN<sup>y</sup>

1882

	† 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	29.41	9	SE	4	S	29.26	-.26	14	14	+	9	SE	2	0	*	?	1	0.04		
Hernösand	29.33	25	Z	0	0	29.30	-.24	13	13	-	8	Z	0	6	*	25	9	-		
Stockholm	29.47	34	W	4	6	29.40	-.17	34	32	-	2	W	4	6	*	37	28	0.04		
Wisby	29.60	37	SW	4	0	29.52	-.18	39	36	+	1	WNW	6	6	*	41	36	-		
Bodö	29.52	20	E	2	6	29.99	-.14	30	29	+	6	ENE	2	5	2	30	23	-		
Christiansund	29.13	36	SW	6	0	29.35	+.11	33	33	-	4	WSW	9	5	6	39	28	0.16		
†Skudesnaes	29.51	39	W	7	C	29.72	+.18	41	39	C	WSW	4	0	4	*	41	39	-		
Oxö (Xiansund)	29.52	40	WSW	7	6	29.73	+.15	39	36	-	4	WSW	6	6	3	43	36	0.16		
Skagen (The Skaw)	29.59	41	WNW	6	6c	29.69	+.09	41	37	+	3	WNW	8	6	8	41	36	-		
Fanö	29.86	42	W	6	0	30.01	+.32	41	40	+	4	W	4	C	*	41	37	-		
Cuxhaven	29.85	?	W	4	6c	30.04	+.34	43	42	+	2	W	5	6c	*	43	37	-		
†Sumburgh Head	29.36	39	W	7	0	29.45	+.13	44	43	+	7	W	7	2	6	44	37	0.25		
†Stornoway	29.73	38	WNW	5	6	29.48	-.04	46	45	+	7	W	7	6	6	46	36	0.16		
Wick	29.69	35	NW	7	6	29.44	-.07	43	41	+	8	W	2	eqps	3	43	35	0.07		
Nairn	29.78	37	W	4	C	29.65	+.08	44	41	+	6	W	4	C	2	44	36	0.18		
†Aberdeen	29.78	39	W	5	6	29.75	+.09	41	39	+	5	SSW	5	C	2	43	35	-		
Leith	29.91	42	W	5	6c	29.89	+.12	44	42	+	4	WNW	4	0	*	47	37	0.02		
†Shields	30.00	43	W	3	6	30.04	+.18	44	42	+	5	SW	3	0	2	44	37	-		
Spurn Head	30.10	43	WSW	3	6c	30.16	+.25	39	38	-	1	SW	4	6c	4	43	38	-		
York	30.10	44	W	3	C	30.17	+.20	42	40	+	3	SW	2	6c	*	45	37	-		
Nottingham	30.24	41	SSW	3	6c	30.24	+.17	40	38	+	4	SSW	3	C	*	46	35	-		
†Ardrossan	29.98	45	WSW	3	6b	29.92	+.10	44	44	+	2	SW	6	C	4	46	41	0.05		
†Mullaghmore	30.11	46	W	6	Cp	29.94	.00	45	43	+	2	SW	6	og	5	47	42	0.07		
Donaghadee	30.11	42	W	4	6c	30.04	+.10	43	41	+	5	W	3	C	1	44	37	-		
Parsonstown	30.20	43	SW	1	0	30.12	+.03	44	41	+	6	S	2	0	*	46	36	-		
Barrow-in-Furness	30.10	44	W	5	6	30.14	+.18	44	42	+	2	SSW	4	0	4	44	41	-		
†Holyhead	30.20	45	W	4	6	30.16	+.14	46	43	+	3	SW	5	6c	4	46	43	-		
Liverpool (Bidston)	30.15	43	WSW	6	6	30.18	+.18	44	41	+	3	SW	3	6c	3	45	41	-		
†Valencia	30.20	46	WSW	3	6c	30.14	-.06	48	45	+	4	SSW	6	og	6	51	42	-		
Roche's Point	30.31	48	W	2	6	30.18	+.03	47	45	+	7	SW	5	0	4	50	40	-		
Pembroke	30.30	49	W	4	6	30.25	+.13	47	45	+	1	WSW	4	Cg	4	48	44	-		
†Scilly	30.37	48	WNW	5	C	30.29	+.10	56	50	+	1	S	6	C	5	50	44	0.02		
Prawle Point	30.39	43	WNW	3	6	30.36	+.18	46	44	+	5	SW	3	C	3	49	40	-		
Hurst Castle	30.33	43	NW	2	6	30.37	+.27	40	40	-	1	WNW	1	C	4	49	37	0.02		
†Dover	30.28	42	WNW	3	6	30.38	+.40	38	37	-	4	WSW	3	6	2	46	37	-		
†London	30.27	41	W	3	6	30.36	+.29	38	37	-	1	SSW	2	6c	*	48	35	-		
Oxford	30.33	40	WSW	2	6c	30.33	+.25	36	36	-	2	WSW	1	6c	*	47	35	-		
Cambridge	30.26	37	W	1	6	30.27	+.25	35	35	-	5	SW	1	6c	*	50	34	-		
†Yarmouth	30.16	40	W	3	6c	30.26	+.31	37	36	-	2	W	3	6cm	2	44	35	-		
The Helder	30.15	43	W	5	6	30.25	+.40	42	41	0	WSW	3	6	3	*	45	?	0.08		
Cape Gris Nez	30.32	45	WNW	5	6	30.37	+.37	43	42	+	2	W	4	6c	3	48	41	-		
†Jersey	30.42	47	NW	2	C	30.45	+.28	46	44	-	2	SW	3	og	3	50	43	0.01		
Brest	30.43	46	N	1	6	30.39	+.20	48	47	-	2	S	4	0	3	52	43	-		
Lorient	30.41	46	N	1	6	30.40	+.19	45	43	-	7	S	4	0	3	52	41	0.04		
†Rochefort	30.40	54	W	5	0	30.43	+.06	46	46	+	1	W	1	0	2	55	41	-		
Biarritz																				
Corunna																				
†Brussels						30.41	+.46	36	35	-	8	SW	4	6c	*	46	36	0.04		
Charleville	30.28	39	WNW	1	6	30.45	+.38	37	36	-	5	NW	1	0	*	48	33	-		
Paris	30.34	44	WNW	3	C	30.50	+.31	37	35	-	7	WSW	4	6	*	*	*	-		
Lyons	30.47	37	?	2	6c	30.49	+.02	41	40	+	11	WNW	1	6c	*	42	?	-		
†Toulon	30.31	46	W	7	6	30.31	-.14	50	41	+	4	Z	0	6	2	54	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.80	88	W	2	0	28.82	+.17	40	39	+	4	WSW	7	2	*	40	35	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.51	39	38	W	6	onshy	5	Valencia ...	30.27	49	45	W	4	6cm	4
Sumburgh Head	29.32	38	36	W	6	C	6	Scilly ...	30.32	49	46	WNW	5	C	5
Stornoway ...	29.62	40	38	WNW	6	C	5	Dover ..	30.19	45	44	WNW	3	6	3
Aberdeen ...	29.68	41	37	WNW	3	6	1	London ...	30.20	47	44	WNW	3	6	*
Shields ...	29.92	44	41	W	4	C	2	Yarmouth ...	30.09	43	41	WNW	4	6c	2
Ardrossan ...	29.90	45	45	W	4	C	3	Jersey ...	30.35	49	46	WNW	2	6c	3
Mullaghmore ...	30.04	46	43	W	6	Cp	6	Rochefort ...	30.32	53	52	W	5	0	2
Holyhead ...	30.14	45	43	WSW	5	6c	4								

Pressure has increased everywhere and the weather is generally fine, with moderate or fresh W<sup>ly</sup> breezes, and temperatures ranging from 49° in the S.W. to 38° in the Shetlands.

## 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

WEDNESDAY 11<sup>TH</sup> JANUARY.

1882

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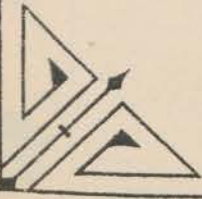
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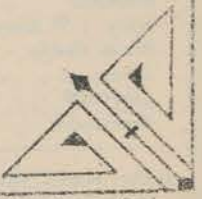
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ROBERT H. SCOTT  
(SECRETARY.)



*Fred<sup>s</sup> Tanagerfield, Lith. 22 Bedford St. corner Garden.*



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 11<sup>TH</sup> JANUARY

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.

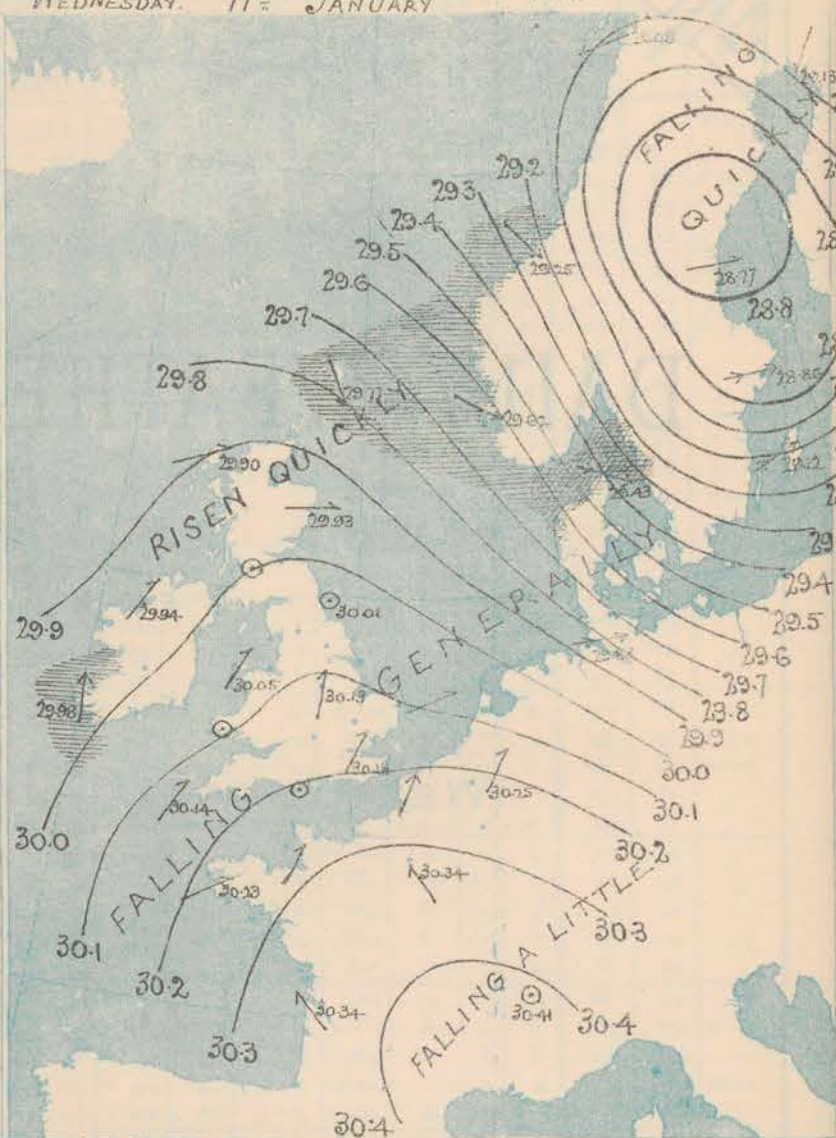
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
 \* forces above 10; \* forces 8 to 10  
 \* forces 5 to 7; \* forces 1 to 4.  
 © dead calm.

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

### MEAN\* HEIGHT of the BAROMETER for the month of January.

Stations	Mean Readings
	Inch.
Nairn	29.584
Aberdeen	29.627
Leith	29.689
Scarborough	29.706
Ardrossan	29.678
Greenock	29.651
Holyhead	29.700
Valentia	29.721
Roche's Pt.	29.765
Plymouth	29.866
LONDON	29.869
Yarmouth	29.847

\* 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.

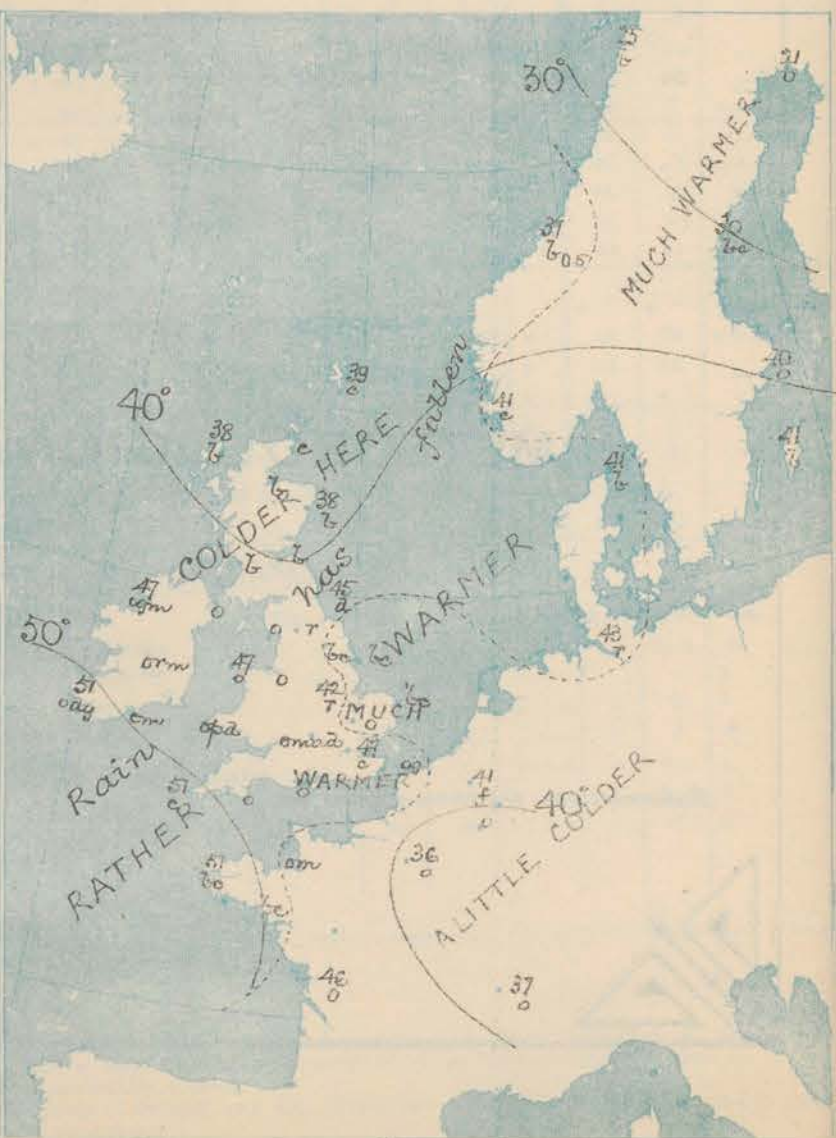
Falls of 0.5 in. or more are quoted in figures.

### MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp.	Rain-fall
	°	in.
Simsbury Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.18
Ilora Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

\* 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 11<sup>th</sup> JANUARY 1882 at 8 a.m.

After the issue of yesterday's report a large and deep depression appeared in the N. of Scotland, occasioning a rapid fall of the barometer over that country accompanied by severe W<sup>t</sup> and SW<sup>t</sup> gales. This disturbance has passed on to Sweden, and strong W<sup>t</sup> or NW<sup>t</sup> winds or gales are blowing in Scandinavia, while in Scotland, and the NE. of England, a recovery of pressure has taken place, the wind has died down to a light W<sup>t</sup> breeze and the weather become clear and bright. In other parts of these islands, however the mercury still falls, the wind is moderate to strong from SW. and the weather is dull with mist and drizzling rain in many places. Rain has fallen during the past 24 hours except in the E. and NE. Temperature has risen except in Scotland, and readings range from 51° in the SW. to 36° at Wick, while the maxima yesterday varied between 53° at Scilly and 44° at Wick.

The sea is rough at Valencia, Sumburgh Head, and off the Norwegian coast, high in the Skager Rack.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

12<sup>th</sup> JANUARY

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	W <sup>t</sup> winds, light, backing to SW. and increasing; becoming dull and rainy.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND N.E.	W <sup>t</sup> and SW <sup>t</sup> winds, moderate; dull, misty rain.
4 ENGLAND EAST	Same as No 5.
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	SW <sup>t</sup> and W <sup>t</sup> winds, light or moderate; cloudy or dull, slight drizzling rain.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	SW <sup>t</sup> and S <sup>t</sup> winds, moderate but increasing; dull, slight rain.
7 ENGLAND N.W.	-----D°-----D°-----D°-----
8 ENGLAND S.W.	SW <sup>t</sup> winds, fresh; cloudy, some rain.
9 IRELAND NORTH	S <sup>t</sup> winds, freshening; dull, rain.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	
The S. cone was hoisted in districts Nos 5 to 10 and part of No 2 yesterday, but has been lowered again this morning in No 5, and part of Nos 2 and 8.	



# METEOROLOGICAL OBSERVATIONS FOR

11<sup>th</sup> JAN<sup>y</sup>

1882

† 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	29.13	19	SE	4	o	29.13	-13	21	20	+7	NE	2	o	*	9	9	-		
Hernösand	29.22	27	S	2	o	29.22	-25	30	30	+17	W	2	bc	*	10	10	0.12		
Stockholm	29.46	34	S	6	o	29.46	-54	40	35	+6	W	8	o	*	30	30	-		
Wisby	29.63	38	SW	6	o	29.12	-40	41	37	+2	WSW	9	o	*	41	36	0.04		
Bodö	28.94	28	E	4	b	29.05	+06	25	24	-5	ESE	2	o	1	30	23	-		
Christiansund	28.68	41	SW	8	h	29.25	-10	37	34	+2	NW	7	o	6	41	23	0.51		
†Skudesnæs	29.30	45	WSW	9	bc	29.62	-10	41	37	o	WNW	7	o	5	45	41	-		
Oxö (Xiansund)	29.43	43	SW	9	h	29.54	-19	39	36	o	W	6	o	4	43	37	0.12		
Skagen (The Skaw)	29.50	42	W	9	h	29.43	-26	41	37	o	WNW	9	o	9	43	34	0.08		
Faro														*					
Cuxhaven	30.06	?	WSW	6	o	29.88	-16	43	43	o	W	6	h	*	43	39	0.08		
†Sumburgh Head	29.11	43	WNW	9	e	29.77	+32	39	35	-5	WNW	4	o	5	47	37	0.06		
†Stornoway	29.58	42	W	5	h	29.90	+42	38	37	-8	WSW	2	o	1	47	34	0.32		
Wick	29.46	42	W	7	o	29.91	+36	36	35	-7	W	1	o	2	44	35	0.15		
Nairn	29.57	42	W	4	o	29.91	+26	37	35	-7	W	1	o	1	46	36	0.19		
†Aberdeen	29.58	46	SW	4	o	29.93	+18	38	35	-3	W	1	o	1	49	37	-		
Leith	29.05	40	WNW	5	bc	30.04	+15	40	39	-4	NW	1	o	*	46	38	-		
†Shields	29.82	46	WSW	7	o	30.01	-03	45	44	+1	W	0	o	2	47	44	-		
Spurn Head	29.97	43	SSW	3	bc	30.02	-14	43	42	+4	SSW	3	bc	3	46	39	-		
York	30.00	45	SSW	3	o	30.04	-13	44	42	+2	WSW	1	bc	*	47	40	-		
Nottingham	30.05	47	SSW	4	o	30.13	-11	42	41	+2	SSW	2	h	*	47	39	0.01		
†Ardrossan	29.80	46	SW	6	o	29.99	+07	43	43	-1	W	0	o	0	46	42	0.05		
†Mullaghmore	29.85	47	SW	6	og	29.94	00	47	46	+2	SW	4	ogm	3	47	44	0.09		
Donaghadee	29.90	43	WSW	4	bc	29.99	-05	44	44	+1	SW	2	o	0	45	42	0.02		
Parsonstown	29.99	46	SSW	1	o	30.02	-10	44	43	0	SE	1	om	*	47	40	-		
Barrow-in-Furness	29.96	45	W	4	o	30.03	-11	45	44	-1	SW	2	o	2	46	44	-		
†Holyhead	30.01	48	SW	4	m	30.05	-11	47	45	+1	SW	3	o	2	48	44	0.01		
Liverpool (Biston)	30.00	46	WSW	3	o	30.07	-11	45	42	+1	SW	2	o	2	48	44	0.09		
†Valencia	30.00	49	SW	5	bc	29.98	-16	51	50	+3	S	6	odg	6	52	46	0.09		
Roche's Point	?	50	WSW	4	h	30.05	-13	49	48	+2	WSW	3	o	4	52	45	0.18		
Pembroke	30.09	48	WSW	3	o	30.09	-16	48	47	+1	WNW	1	opd	2	49	46	0.05		
†Scilly	30.17	51	SW	3	of	30.14	-15	51	51	+1	SW	4	o	4	53	49	0.01		
Prawle Point	30.23	49	WSW	4	o	30.19	-17	50	50	+4	SW	3	o	4	50	45	0.01		
Hurst Castle	30.21	47	WSW	6	o	30.21	-16	48	48	+6	W	1	o	4	49	40	0.07		
†Dover	30.24	46	WSW	4	o	30.19	-19	47	47	+9	W	4	og	4	48	37	0.12		
†London	30.19	45	W	4	bc	30.18	-18	47	46	+9	SW	3	o	*	49	37	0.01		
Oxford	30.04	46	SE	4	o	30.15	-18	47	46	+11	SW	2	adum	*	50	36	0.01		
Cambridge	30.13	45	WSW	2	o	30.14	-13	47	46	+12	SW	1	o	*	49	34	-		
†Yarmouth	30.11	43	SW	8	bc	30.10	-16	46	45	+9	WSW	2	bc	2	46	35	-		
The Helder																			
Cape Gris Nez	30.24	51	SW	5	o	30.24	-13	47	47	+4	SW	5	o	4	50	43	-		
†Jersey	30.32	46	SW	3	o	30.27	-18	47	47	+1	SW	3	om	3	48	45	-		
Brest	30.29	51	SSW	4	o	30.23	-16	51	50	+3	WSW	3	bc	4	52	43	0.08		
Lorient	30.29	49	S	3	m	30.25	-15	50	49	+5	SW	3	bc	3	?	41	0.08		
†Rochefort	30.36	40	SE	3	o	30.34	-09	46	45	0	SE	3	o	2	54	41	-		
Biarritz																			
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	30.25	-16	41	41	+5	SW	4	f	*	44	?	-		
Charleville	30.38	39	S	1	o	30.31	-14	33	33	-4	SW	1	o	5	40	32	-		
Paris	30.40	44	SE	1	o	30.34	-16	36	36	-1	SE	4	o	*	*	*	-		
Lyons	30.46	42	NE	1	o	30.41	-08	37	36	-4	SW	1	o	*	44	38	-		
Toulon																			

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

Hawes Junction	28.63	40	WSW	9	h		28.75	-07	41	41	+1	SW	2	h	*	41	38	0.14
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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 ...	29.52	44	42	SSW	8	h	5	Valencia ...	30.04	49	48	SSW	5	c	5
Sumburgh Head.	28.94	46	44	WSW	9	h	7	Scilly ...	30.20	52	52	WSW	5	of	5
Stornoway ...	29.42	44	42	W	8	o	7	Dover ..	30.29	46	45	W	3	cp	2
Aberdeen ...	29.51	47	42	SW	7	bc	3	London ...	30.23	48	45	SW	2	og	*
Shields ...	29.87	46	42	WSW	5	o	2	Yarmouth ...	30.17	43	42	WSW	3	f	2
Ardrossan ...	29.83	45	44	SW	6	o	4	Jersey ...	30.35	46	44	S	3	c	3
Mullaghmore ...	29.88	47	45	SW	7	ogm	6	Rochefort ...	30.38	52	51	SE	3	f	2
Holyhead ...	30.06	49	45	SW	5	d	4								

Since the morning the barometer has fallen with great rapidity in the N. of Scotland, a strong SW<sup>y</sup> gale is felt in the N. of that country and a hard W<sup>y</sup> gale was reported from Leith at 1 p.m. Elsewhere the barometer is falling moderately quickly with fresh SW<sup>y</sup> winds.

## 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, 12<sup>TH</sup> JANUARY.

1882

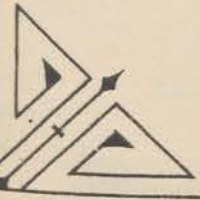
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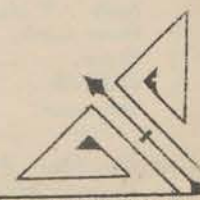
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Thursday 12<sup>th</sup> JANUARY 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.

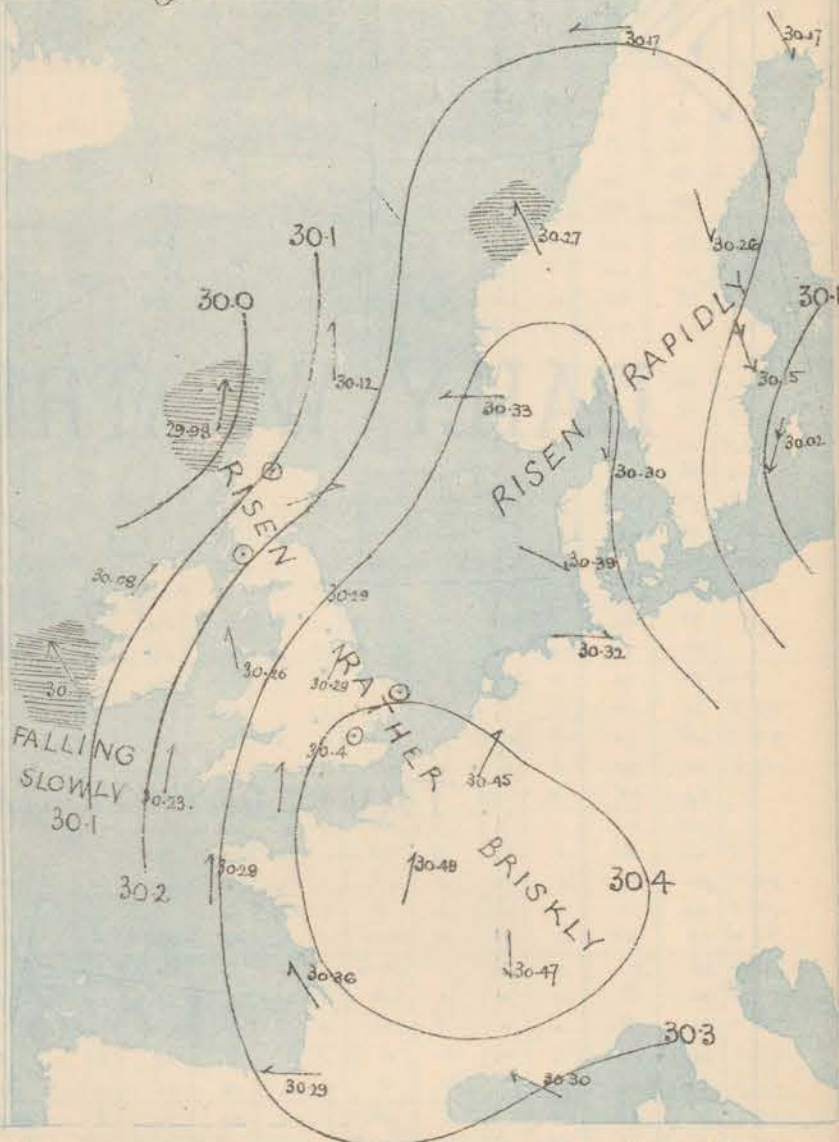
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
 → forces above 10; → forces 8 to 10;  
 → forces 5 to 7; → forces 1 to 4;  
 ○ = dead calm.

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

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

Stations	Mean Readings in.
Nairn	29.584
Aberdeen	29.617
Leith	29.660
Scarborough	29.700
Ardrossan	29.678
Greenacastle	29.657
Holyhead	29.720
Valencia	29.724
Rochester Pt.	29.755
Plymouth	29.800
LONDON	29.860
Yarmouth	29.897

\* 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.

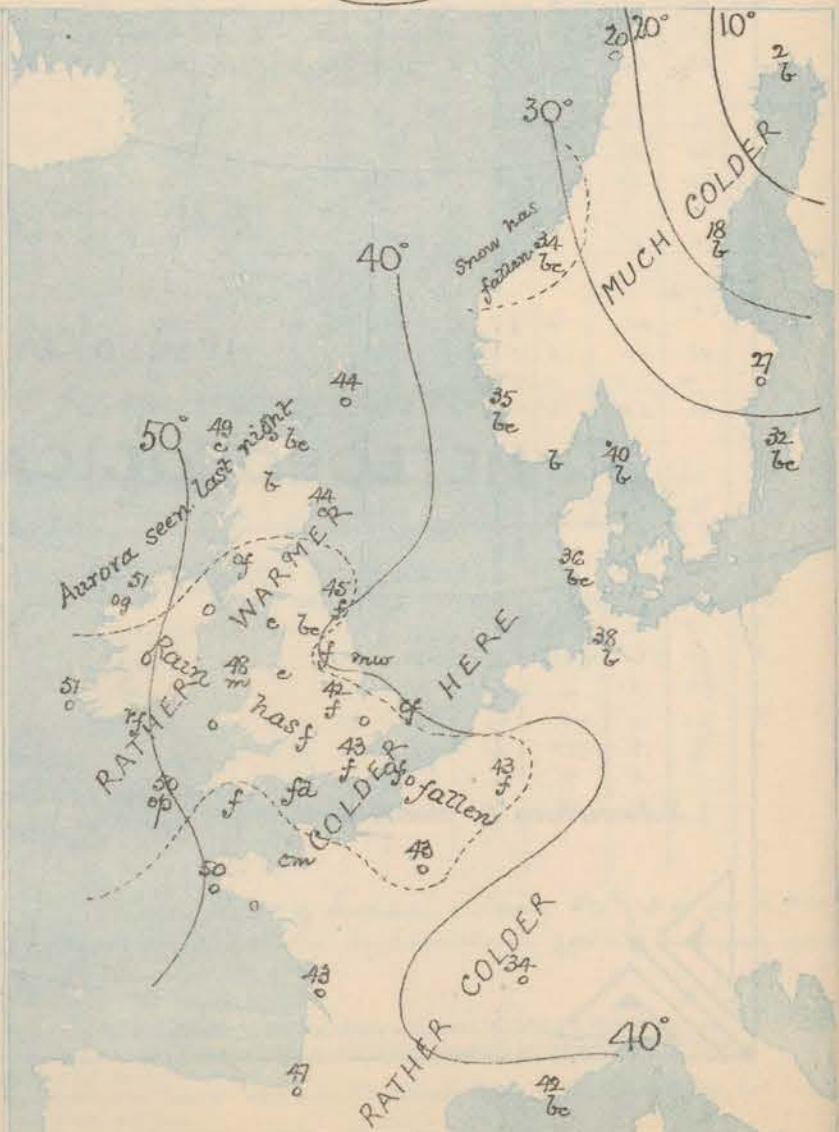
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

### MEANS\* OF TEMPERATURE AND RAINFALL for the month of January

Stations	Temp	Rain-fall
Scarborough Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Stirling	37.5	1.08
York	37.7	1.89
Mullaghmore	36.4	?
Holyhead	36.4	4.32
Parsonstown	39.6	3.62
Valencia	43.0	7.71
Sally (St Mary's)	46.2	5.16
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

\* The mean Temperatures are those for the 43 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

For 12<sup>th</sup> JANUARY.

1882 at B. 11. 11

The deep depression which had passed on to Scandinavia yesterday morning has since disappeared over Russia, and the barometer has risen more than an inch at the Norwegian and Swedish stations. In nearly all parts of these Islands and France there has also been a brisk increase of pressure, but in the extreme W. the mercury now shows an inclination to fall. Readings are highest over France and the south-east of England, but the area of high pressure extends NE<sup>wd</sup> across the North Sea to Sweden, while the lowest readings are reported from our W. coasts. In consequence breezes between SE. and SW. are blowing over the whole of W<sup>m</sup> Europe, very light in force in the SE., but fresh or strong in the W., while over the Baltic there is a fresh NW<sup>2</sup> or N<sup>2</sup> gale. Temperature has fallen fast over the countries to the E<sup>wd</sup> of the North Sea and the SE. of England, but has risen elsewhere and readings range from 51° at Valencia to 37° at York. In Lapland a temperature of 2° is reported; the maxima yesterday were 55° at Valencia and Oxford, 54° in London and at Scilly and 53° at Rocks Point and Nottingham. The weather is fine at Nain and Wick, as well as at the Scandinavian stations, but is cloudy with fog or mist elsewhere. The sea is rather rough at Valencia, Stornoway and Christiansund.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

13<sup>th</sup> JANUARY

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	S <sup>2</sup> and SW <sup>2</sup> breezes, light generally but strong at some exposed stations; cloudy, mild, slight rain or mist.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as N° 5.
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND SOUTH	Calms and light to moderate S <sup>2</sup> breezes; dull, damp, and foggy, but probably no rain.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Moderate or fresh S <sup>2</sup> winds; cloudy, misty, mild.
7 ENGLAND NW	-----D°-----D°-----D°-----
8 ENGLAND SW	S <sup>2</sup> and SW <sup>2</sup> winds, light generally, but strong in places; dull, misty, slight rain.
9 IRELAND NORTH	Moderate to fresh breezes between SW. and SE.; dull, misty, slight rain in W.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

18<sup>th</sup> JAN<sup>y</sup>

1882

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.
			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	29.57	14	NE	4	b		30.17	+1.04	2	1	1.9	7	4	b	*		21	?	-
Hernösand	29.60	19	NNW	6	b		30.26	+1.29	13	16	1.2	7	4	b	*		34	18	-
Stockholm	29.52	30	NNW	9	o		30.15	+1.29	27	24	1.3	7	8	o	*		41	?	-
Wisby	29.40	40	NW	9	c		30.02	+0.90	32	29	9	NE	8	bc	*		43	?	-
Bodö	29.76	23	E NE	2	c		30.17	+1.12	20	19	5	E	2	c	1		25	18	-
Christiansund	29.89	40	NNW	5	c		30.27	+1.02	34	33	3	SE	3	bc	5		39	25	0.28
†Skudesnaes	30.08	38	NNW	2	b		30.33	+0.71	35	32	6	E	2	bc	3		41	?	-
Oxö (Xiänsund)	29.98	38	W	4	b		30.32	+0.78	33	30	6	H	2	b	2		41	?	-
Skagen (The Skaw)	29.93	40	NW	6	b		30.30	+0.87	40	36	1	NHE	3	b	2		41	37	-
Fanö	30.12	39	W	4	b		30.39	+0.58	36	35	6	NNW	2	bc	*		43	34	-
Cuxhaven	30.03	48	NNW	4	c		30.32	+0.44	38	38	5	NNW	1	b	*		45	36	-
†Sumburgh Head	30.08	36	N	1	b		30.12	+0.35	44	42	5	S	4	o	3		44	33	-
†Stornoway	30.05	35	S	2	b		29.98	+0.08	49	48	11	S	6	c	5		49	33	-
Wick	30.12	34	Zo	0	b		30.11	+0.20	43	42	7	S	3	bc	2		43	33	-
Nairn	30.08	33	Zo	0	b		30.09	+0.18	37	34	0	Zo	0	b	1		39	30	-
†Aberdeen	30.12	34	Zo	0	b		30.19	+0.26	44	43	6	WSW	2	c	1		44	29	-
Leith	30.11	43	W	1	b		30.22	+0.18	45	44	5	NNW	1	cf	*		47	33	-
†Shields	30.14	43	Zo	0	b		30.29	+0.28	45	44	0	WSW	1	f	2		45	41	0.04
Spurn Head	30.18	41	NW	1	b		30.32	+0.30	40	40	3	S	1	mw	4		45	39	-
York	30.18	46	S	1	o		30.23	+0.29	37	37	7	S	1	f	*		47	35	-
Nottingham	30.27	48	SSW	2	o		30.39	+0.26	42	40	0	SSW	1	f	*		53	38	0.01
†Ardrossan	30.11	43	EHE	1	d		30.21	+0.22	47	47	4	SE	1	of	2		47	39	0.02
†Mullaghmore	29.97	51	SSW	4	o		30.08	+0.14	51	49	4	SW	4	og	3		53	46	-
Donaghadee	30.11	45	WSW	4	o		30.20	+0.23	47	47	3	S	3	o	1		47	43	0.10
Parsonstown	30.06	50	S	1	o		30.16	+0.14	50	48	6	SSE	1	o	*		51	43	0.12
Barrow-in-Furness	30.12	44	E	2	o		30.22	+0.19	42	42	3	E	2	c	2		46	42	0.05
†Holyhead	30.14	43	S	3	m		30.26	+0.21	43	47	1	SSE	3	m	2		50	46	0.02
Liverpool (Bidston)	30.16	47	SSE	1	o		30.29	+0.22	42	41	3	SE	2	c	1		50	39	-
†Valencia	30.03	53	S	6	og		30.06	+0.08	51	49	0	SE	5	o	5		55	49	0.09
Roche's Point	30.09	50	SW	5	l		30.13	+0.08	50	50	1	S	5	rf	4		53	46	0.25
Pembroke	30.19	48	SSW	2	bc		30.27	+0.18	48	47	0	SSE	2	o	2		50	47	0.07
†Scilly	30.20	50	SW	4	c		30.23	+0.09	50	50	1	S	6	op	4		54	49	0.01
Prawle Point	30.28	49	WSW	2	f		30.35	+0.16	49	49	1	SSE	2	f	3		51	46	-
Hurst Castle	30.27	44	NNW	2	c		30.36	+0.15	48	48	0	S	1	fd	3		50	48	0.02
†Dover	30.26	43	W	3	og		30.41	+0.22	46	46	1	W	2	of	1		49	46	0.04
†London	30.25	47	WSW	3	bc		30.41	+0.23	43	43	4	Zo	0	f	*		54	39	0.01
Oxford	30.28	47	SW	1	bc		30.38	+0.23	43	43	4	SSE	1	f	*		55	43	0.01
Cambridge	30.25	48	SW	1	b		30.40	+0.26	43	43	4	SW	1	o	*		52	40	-
†Yarmouth	30.21	48	W	2	bc		30.39	+0.29	40	40	6	Zo	0	cf	2		49	39	-
†The Helder	30.25	44	W	1	o		30.41	+0.37	43	43	2	E	1	o	1		46	43	-
Cape Gris Nez	30.27	48	SW	3	c		30.41	+0.17	46	46	1	S	3	o	1		50	43	-
†Jersey	30.33	48	SE	1	o		30.41	+0.14	47	47	0	SSE	2	cm	3		51	46	-
Brest	30.35	51	SW	3	m		30.29	+0.06	50	48	1	S	3	o	3		54	48	-
Lorient	30.31	51	SW	1	bc		30.33	+0.08	50	50	0	SSW	4	o	3		52	45	-
†Rochefort	30.33	48	SE	3	c		30.36	+0.02	43	41	3	SE	3	o	2		52	39	-
Biarritz	30.30	53	W	4	o		30.39	+0.07	47	44	2	E	3	o	5		55	37	-
Corunna	*	*	*	*	*		*	*	*	*	*	*	*	*	*		*	*	*
Brussels	*	*	*	*	*		30.45	+0.20	43	43	2	SW	1	f	*		44	?	0.04
Charleville	30.35	38	SSE	1	o		30.47	+0.16	38	37	5	SE	1	o	*		39	32	-
Paris	30.36	43	ESE	3	o		30.49	+0.15	43	41	7	SSW	1	o	*		*	*	0.04
Lyons	30.44	37	NNW	?	?		30.47	+0.06	34	33	3	W	1	o	*		38	33	-
Toulon	30.84	48	Z	0	bc		30.30	+0.45	42	40	4	ESE	4	bc	2		50	41	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.91	41	W	1	o		29.04	+0.29	40	40	1	SSE	1	bc	*		44	39	0.06

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.86	39	37	NNW	6	c	4	Valencia ...	29.98	52	51	SSW	6	omg	6
Sumburgh Head	29.95	40	36	WSW	3	b	4	Scilly ...	30.13	53	51	WSW	4	c	4
Stornoway ...	30.00	42	41	Z	0	b	0	Dover ..	30.22	48	48	W	3	og	2
Aberdeen ...	30.06	40	37	W	1	b	1	London ...	30.20	52	51	WSW	2	ogm	*
Shields ...	30.08	45	44	Z	0	o	2	Yarmouth ...	30.15	48	46	W	3	bc	2
Ardrossan ...	30.05	43	43	EHE	1	l	1	Jersey ...	30.29	50	49	WSW	2	bc	3
Mullaghmore ...	29.95	50	48	SSW	4	ogm	3	Rochefort ...	30.33	50	48	SE	3	c	2
Holyhead ...	30.11	49	48	S	3	mg	2								

The barometer has been steady at Valencia, but has risen slightly elsewhere, while the wind and weather show very little change.

## 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

FRIDAY, 13<sup>TH</sup> JANUARY.

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

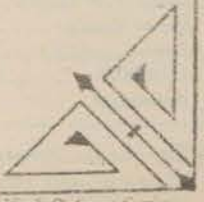
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ROBERT H. SCOTT

(SECRETARY.)





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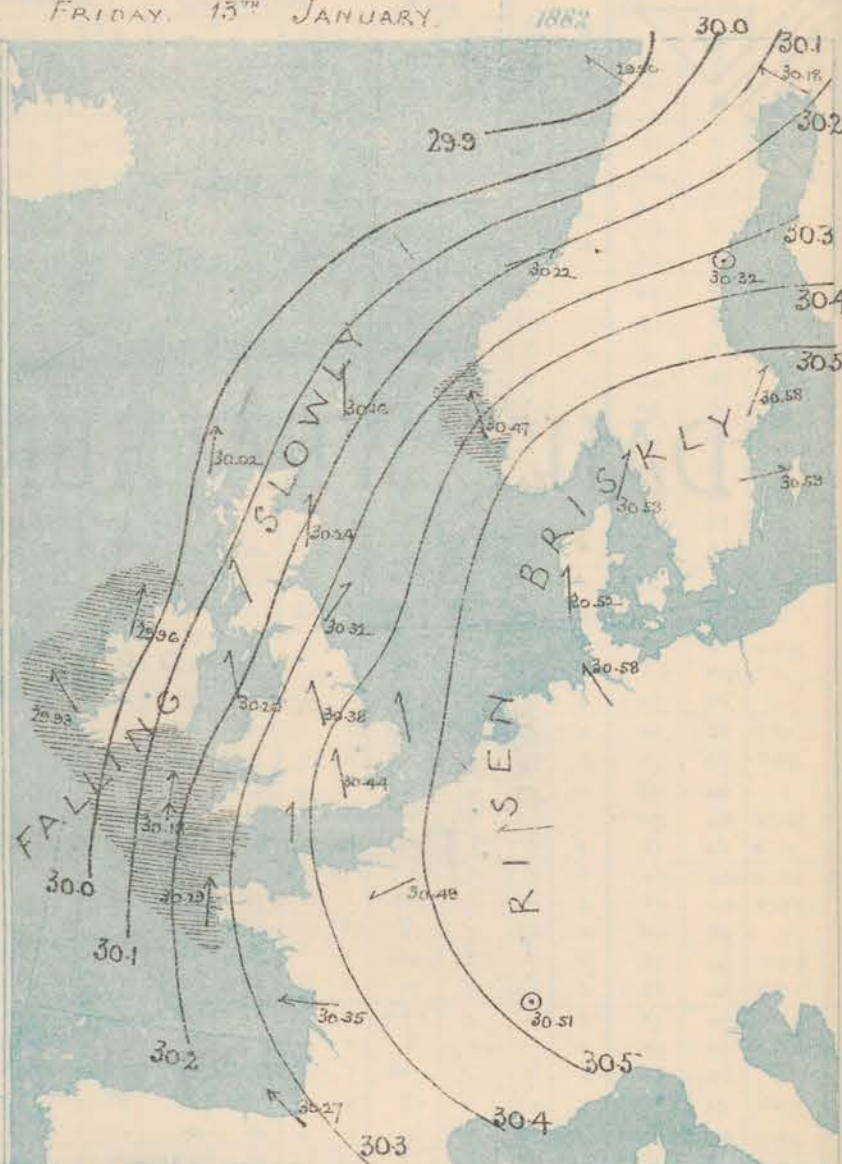
for 8 a.m. on FRIDAY, 13<sup>TH</sup> JANUARY

*Explanation of Map.*

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

for the month of January

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

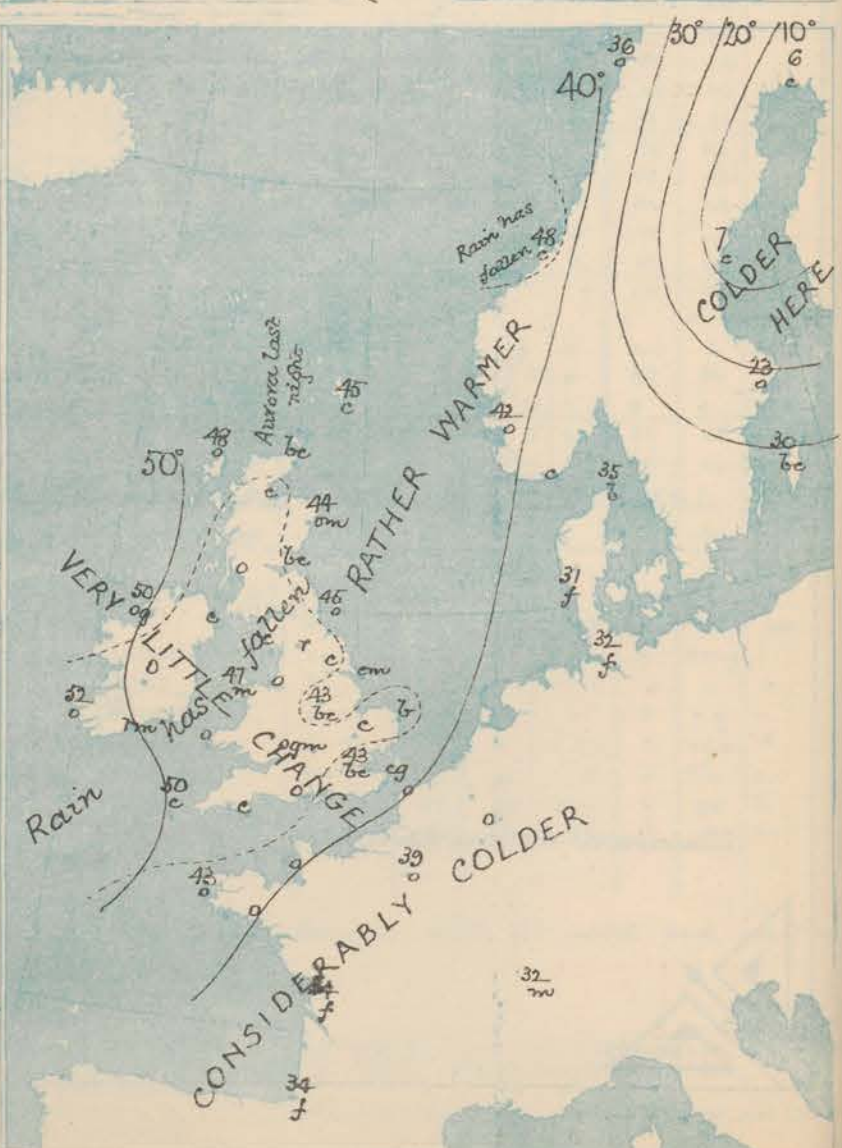


## with RAINFALL in PAST 24 HOURS.

*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 January

\* The mean temperatures are those for the 13 years 1857-69; the mean amounts of rain are those for the 10 years 1865 to 1875.





# REMARKS

for Friday 13<sup>th</sup> JANUARY 1882 at 8 a.m.

The barometer still rises on the eastern shores of the North Sea, as well as on the SE. coast of England, and the NE. of France, over which district a large area of high pressure is reported, but in all other places the mercury is falling the decrease in the N. apparently becoming rather brisk. The wind is E<sup>t</sup> over France, but varies between S.W. and SE. elsewhere and though light or moderate in force generally, blows strongly in the N. and reaches a gale at Scilly. The weather is mild, and dull or very cloudy except at some E. stations, while fog is reported from North Germany and rain from Roches Point. Rain has fallen except in the N. Temperature has changed very little over these Islands, but has fallen at the Continental stations; readings range from 52° at Valencia to 34° at Biarritz, and to 6° over the Gulf of Bothnia. The maxima yesterday varied between 46° and 53°.

The sea is rough or rather so at the Mouth of the Channel, and off the west and south of Ireland.

## FORECASTS

for the 24 hours ending at Noon  
on the

14<sup>th</sup> JANUARY

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

MAP SHOWING DISTRICTS



### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	S <sup>w</sup> winds, moderate to fresh; cloudy and mild.
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	S <sup>w</sup> and SE <sup>w</sup> winds, light at first but increasing; fair to dull, mild.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	S <sup>w</sup> and SE <sup>w</sup> winds fresh and increasing; cloudy, misty, slight rain.
7 ENGLAND N.W.	-----D°-----D°-----D°-----
8 ENGLAND S.W.	S <sup>w</sup> and SE <sup>w</sup> winds, moderate and strong; rough, dull, some rain.
9 IRELAND NORTH	S <sup>w</sup> winds, strong; squally, some rain.
10 IRELAND SOUTH	SE <sup>w</sup> and S <sup>w</sup> winds, strong to a gale; dull, rain.
WARNINGS	The S. cone has been hoisted this morning in district N° 10.



# METEOROLOGICAL OBSERVATIONS FOR

15<sup>th</sup> JAN.

1882

† 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 ...	30.23	-1	S	2	b	30.18	+0.1	6	5	+4	SE	2	c	*	?	-4	-		
Hernösand ...	30.49	5	Z	0	bc	30.32	+0.6	7	7	-11	Z	0	c	*	19	3	-		
Stockholm ...	30.59	22	WNW	4	0	30.58	+0.43	23	21	-4	SW	4	0	*	30	21	-		
Wisby ...	30.47	32	NE	6	0	30.59	+0.57	30	30	-2	W	4	bc	*	36	30	-		
Bodö ...	30.10	29	E	4	0	29.90	+0.27	26	34	+16	SE	4	0	3	36	7	-		
Christiansund ...	30.21	37	SE	4	0	30.22	-0.05	48	44	+14	WSW	5	c	4	48	25	0.08		
†Skadesnaes ...	30.46	40	SSE	6	0	30.47	+0.14	42	41	+7	SSE	6	0	5	?	34	-		
Oxö (Xiansund) ...	30.55	35	NNE	2	bc	30.56	+0.24	33	32	0	WNW	1	c	3	39	30	-		
Skagen (The Skaw) ...	30.58	36	SE	8	b	30.58	+0.28	35	33	-5	SW	4	b	3	?	34	-		
Fanö ...	30.59	31	SE	1	f	30.52	+0.13	31	30	-5	S	4	f	*	41	28	-		
Cuxhaven ...	30.53	?	Z	0	0	30.58	+0.26	32	32	-6	SE	3	f	*	39	28	-		
†Sumburgh Head ...	30.14	46	SW	4	bc	30.16	+0.04	45	44	+1	S	4	c	4	47	41	-		
†Stornoway ...	30.08	48	S	5	0	30.02	+0.04	48	47	-1	S	5	0	?	50	46	-		
Wick ...	30.18	46	Z	0	b	30.14	+0.03	44	43	+1	S	2	bc	3	47	42	-		
Nairn ...	30.15	46	Z	0	b	30.11	+0.02	48	46	+11	SW	2	c	1	50	37	0.06		
†Aberdeen ...	30.26	45	SSW	3	0	30.24	+0.05	44	43	0	S	4	om	1	48	41	-		
Leith ...	30.27	43	W	1	bc	30.22	0.0	48	45	+3	S	1	bc	*	53	41	-		
†Shields ...	30.34	43	SW	2	m	30.32	+0.03	45	44	0	SW	2	0	2	50	40	-		
Spurn Head ...	30.38	43	S	2	f	30.38	+0.06	43	43	+3	SSE	3	om	3	45	39	-		
York ...	30.38	44	S	1	b	30.38	+0.05	45	44	+8	SSE	1	c	*	46	36	0.01		
Nottingham ...	30.39	45	S	1	0	30.38	-0.01	43	40	+1	SSE	2	bc	*	47	38	-		
†Ardrossan ...	30.25	46	SE	2	d	30.17	-0.04	46	46	-1	SSE	4	0	3	47	45	0.04		
†Mullaghmore ...	30.04	51	SSSE	6	bc	29.96	-0.12	50	48	-1	S	26	og	5	53	49	-		
Donaghadee ...	30.23	48	S	3	0	30.15	-0.05	47	47	0	S	6	c	4	49	46	0.15		
Parsonstown ...	30.10	49	S	1	c	30.07	-0.09	49	47	-1	SSE	1	0	*	52	47	0.01		
Barrow-in-Furness ...	30.31	45	ESE	2	0	30.26	+0.04	44	44	+2	ESE	4	c	4	46	42	0.21		
†Holyhead ...	30.26	48	SSE	2	b	30.20	-0.06	47	45	-1	SSE	4	m	3	50	46	0.07		
Liverpool (Bidston) ...	30.31	46	ESE	2	0	30.28	-0.01	44	43	+2	SE	3	0	2	49	42	0.11		
†Valencia ...	29.97	51	SSE	4	emp	29.93	-0.13	52	51	+1	SE	7	0	6	53	49	0.11		
Roche's Point ...	30.09	50	S	5	bc	30.03	-0.10	50	50	0	S	5	bc	5	52	48	0.30		
Pembroke ...	30.24	49	SSE	3	0	30.21	-0.06	47	46	-1	SSE	4	0	3	50	46	0.21		
†Scilly ...	30.18	52	SSE	7	op	30.18	-0.05	50	49	0	S	8	c	6	53	49	0.26		
Prawle Point ...	30.34	49	SSE	4	bc	30.34	-0.01	44	43	-5	ESE	4	c	4	50	42	0.02		
Hurst Castle ...	30.41	48	SW	2	0	30.40	+0.04	43	42	-5	S	2	0	3	49	43	0.08		
†Dover ...	30.46	47	SW	2	og	30.46	+0.05	45	45	-1	SW	3	cg	2	48	45	-		
†London ...	30.44	48	SW	2	0	30.44	+0.03	43	42	0	SSE	1	bc	*	50	42	-		
Oxford ...	30.42	47	SE	2	0	30.41	+0.03	44	43	+1	SE	2	omg	*	49	43	0.01		
Cambridge ...	30.44	47	SW	1	0	30.43	+0.03	43	43	0	S	1	c	*	50	42	0.01		
†Yarmouth ...	30.44	43	Z	0	f	30.46	+0.07	42	42	+2	SSE	2	b	3	45	40	0.02		
The Helder ...	30.34	41	ESE	1	0	30.34	+0.13	36	35	-7	ESE	1	f	1	45	36	-		
Cape Gris Nez ...	30.47	45	S	1	0	30.48	+0.07	43	42	-3	SSE	1	0	1	48	41	-		
†Jersey ...	30.43	45	SSE	2	om	30.39	-0.02	40	39	-7	SE	3	0	3	47	38	-		
Brest ...	30.30	49	S	5	0	30.29	0.0	43	42	-7	S	5	0	5	52	43	-		
Lorient ...	30.36	42	SE	4	0	30.32	-0.01	40	38	-10	SE	7	0	2	50	36	-		
†Rochefort ...	30.39	41	ESE	4	m	30.35	-0.01	34	33	-9	E	5	f	2	48	28	-		
Biarritz ...	30.36	46	NE	4	0	30.27	-0.12	34	33	-13	ESE	5	f	3	54	30	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.52	+0.07	41	40	-2	SE	1	0	*	47	40	-		
Charleville ...	30.50	40	S	1	0	30.50	+0.03	40	37	+2	E	3	0	*	46	36	-		
Paris ...	30.49	43	Z	0	0	30.49	0.0	39	37	-4	ENE	3	0	*	*	*	-		
Lyons ...	30.50	33	RHE	1	m	30.51	+0.04	32	32	-2	E	1	m	*	34	31	-		
Toulon ...	30.35	46	E	1	b	30.40	+0.10	46	44	+4	ENE	5	6	2	50	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.10	43	SSW	1	bc	29.06	+0.02	42	41	+2	S	1	bc	*	45	39	0.03		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes ...	30.41	40	35	SSE	6	b	Valencia ...	30.01	51	50	SSE	5	rm	5
Sumburgh Head ...	30.12	46	45	SSW	4	c	Scilly ...	30.20	53	52	SSE	6	o	4
Stornoway ...	30.08	50	48	S	5	o	Dover ..	30.43	47	47	SW	2	og	1
Aberdeen ...	30.24	47	45	SSW	3	o	London ...	30.42	50	50	SSE	2	om	*
Shields ...	30.30	47	45	SW	2	m	Yarmouth ...	30.41	44	43	Z	o	cf	2
Ardrossan ...	30.23	47	46	SSE	2	o	Jersey ...	30.42	46	46	S	2	o	3
Mullaghmore ...	30.07	52	49	S	5	cg	Rochefort ...	30.40	42	41	SE	4	m	2
Holyhead ...	30.27	49	48	SSE	2	mg								

Pressure is decreasing in the W. and Sw. but increasing elsewhere, most in the N. The wind is inclined to draw into SE. and the weather is dull and misty but dry.

## 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).

Rec. used too late for insertion in charts





# DAILY WEATHER REPORT

FOR

SATURDAY 14<sup>TH</sup> JANUARY.

1882

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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  
D<sup>o</sup> D<sup>o</sup> Bookpost 5<sup>s</sup> D<sup>o</sup>



ROBERT H. SCOTT  
(SECRETARY.)



*Fred<sup>l</sup> Dargerfield, 14th 1/2 Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on SATURDAY. 14<sup>TH</sup> JANUARY 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 force, thus:  
 → forces above 10; → forces 8 to 10;  
 → forces 5 to 7; → forces 1 to 4;  
 ⊙ dead calm.

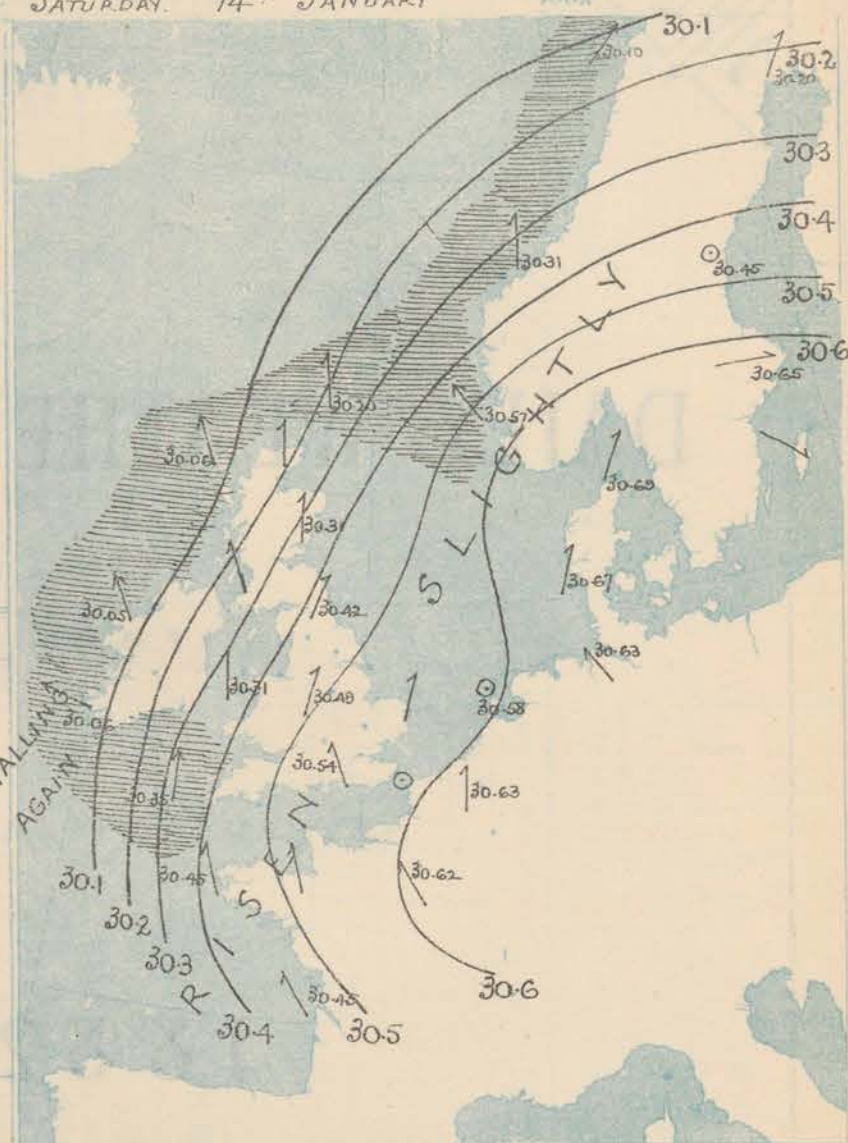
Sea Disturbance, where considerable, is shown by shading round the coast; thus: - Rough; - High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations.	Mean Readings in.
Nairn	29.581
Aberdeen	29.627
Leith	29.689
Scarborough	29.706
Ardrossan	29.678
Greenock	29.650
Holyhead	29.730
Valentia	29.721
Roches Pt.	29.765
Plymouth	29.866
LONDON	29.863
Yarmouth	29.897

\* 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.

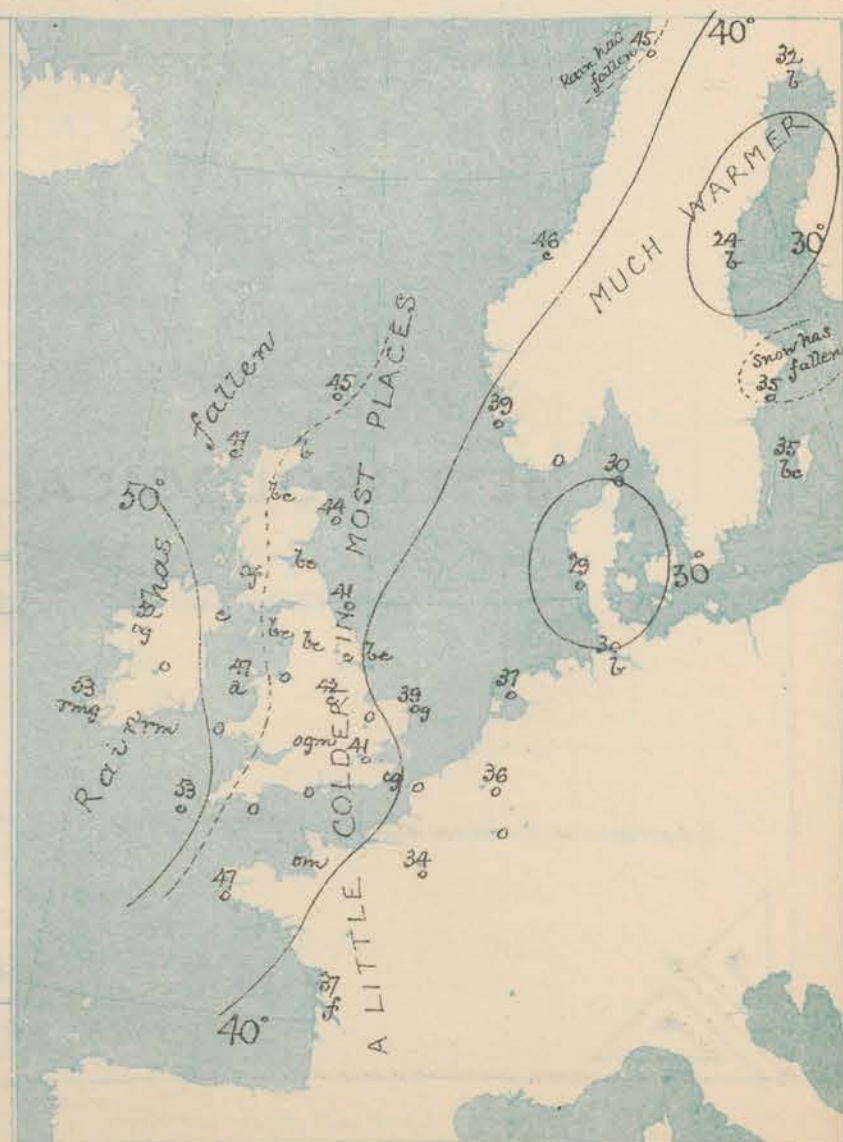
Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp.	Rain-fall
Southburgh Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shetlands	37.5	1.98
York	37.7	1.69
Mullaghnore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	46.2	5.18
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

\* 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 14<sup>th</sup> JAN<sup>y</sup> 1882 at 8 a.m.

The barometer after rising in nearly all places during the past 24 hours has recommenced to fall on our W. coasts, so that readings now vary from above 30.6 ins. over the NE. of France, N. Germany and the S. of Scandinavia to about 30.0 ins. in the W. of Ireland and Scotland. The wind has backed to ESE at Valencia, and a "backing" is also observable at some of our other W. stations, but in most districts S<sup>t</sup> winds still hold steadily. A slight gale was experienced in the extreme W. yesterday and strong breezes are still reported there this morning, but elsewhere the wind is moderate or light. The weather is fine at some of our NE. stations, but is cloudy or dull generally with rain in the S. of Ireland. Slight rain fell in the extreme W. yesterday. Temperature has fallen except in the W., and ranges at present from 50° at Valencia to 39° at Yarmouth. The maxima yesterday varied between 55° in W. Ireland and 44° at Yarmouth. The sea is rough off our SW., W., and N. coasts.

MAP SHOWING DISTRICTS.



# FORECASTS

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

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

## DISTRICTS

## FORECASTS

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH

S<sup>W</sup> winds, fresh and increasing, squally; cloudy, some rain mild.

6 SCOTLAND WEST

S<sup>W</sup> strong winds, squally and increasing; dull, rain this evening.

2 SCOTLAND EAST

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

7 ENGLAND N.W.

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

3 ENGLAND NE

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

8 ENGLAND S.W.

S<sup>W</sup> winds, veering, strong, squally, dull.

4 ENGLAND EAST

Same as No 5.

9 IRELAND NORTH

S<sup>W</sup> winds, veering, strong, squally and increasing to a gale; dull, showery.

5 MIDLAND COUNTIES

Same as No 5.

10 IRELAND SOUTH

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

5 ENGLAND SOUTH

S<sup>W</sup> and SW<sup>W</sup> winds, moderate but freshening; dull generally, perhaps rain tonight or next morning.

## WARNINGS

The south cone was hoisted yesterday morning in district 10, and in Nos 0.1. and 6 to 9 yesterday afternoon.



# METEOROLOGICAL OBSERVATIONS FOR

14<sup>th</sup> JAN<sup>y</sup> 1882

	† 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	30.07	23	SW	2	b	30.20	+0.2	32	31	+26	SW	4	6	*	?	-2	-		
Hernösand	30.41	37	W	2	c	30.45	+0.13	24	23	+17	Z	0	6	*	37	0	-		
Stockholm	30.50	34	W	2	0	30.65	+0.7	35	34	+12	W	2	0	*	35	18	0.08		
Wisby	30.55	35	SW	4	0	30.60	+0.1	35	34	+5	NW	2	6	*	36	30	-		
Bodö	30.08	43	W	8	0	30.10	+0.20	45	42	+9	SW	8	0	*	?	26	0.04		
Christiansund	30.29	41	E	1	b	30.31	+0.9	46	40	-2	S	3	e	5	?	25	-		
†Skudesnaes	30.49	41	SE	8	c	30.57	+1.0	39	36	-3	SE	6	0	5	43	?	-		
Oxö (Klansund)	30.57	37	SW	4	0	30.67	+1.1	35	33	+2	SE	2	0	2	39	?	-		
Skagen (The Skaw)	30.62	31	SSW	2	f	30.69	+1.1	30	28	-5	SSW	3	0	0	36	19	-		
Fanö	30.63	29	S	4	0	30.67	+1.5	29	28	-2	SSW	4	0	*	?	28	-		
Cuxhaven	30.57	?	SE	4	b	30.63	+0.5	30	28	-2	SE	2	6	*	?	28	-		
†Sumburgh Head	30.09	46	S	5	0	30.20	+0.4	45	44	0	S	4	0	5	47	43	0.02		
†Stornoway	29.90	48	S	5	0	30.06	+0.4	47	46	-1	SE	5	e	5	50	45	0.01		
Wick	30.04	46	S	4	b	30.18	+0.4	44	43	0	S	3	6	0	46	43	-		
Nairn	30.03	48	W	2	b	30.18	+0.7	45	42	-3	WSW	1	6	2	49	44	-		
†Aberdeen	30.19	45	S	5	0	30.21	+0.7	44	42	0	S	4	0	3	46	42	-		
Leith	30.18	49	SW	3	c	30.36	+1.4	46	45	-2	SW	1	6	*	50	41	-		
†Shields	30.29	46	SSW	3	0	30.42	+1.0	41	40	-4	SW	3	0	2	48	38	-		
Spurn Head	30.36	42	SE	3	m	30.47	+0.9	45	40	-3	SE	3	6	2	44	39	-		
York	30.35	43	S	1	0	30.46	+0.8	40	39	-5	S	1	e	*	47	39	-		
Nottingham	30.39	43	SE	3	0	30.49	+1.1	42	40	-1	SW	2	e	*	47	40	-		
†Ardrossan	30.15	47	S	4	0	30.26	+0.9	47	47	+1	SE	3	0	2	47	44	0.13		
†Mullaghmore	29.93	50	SE	7	py	30.05	+0.9	52	49	+2	SE	6	0	5	54	48	0.01		
Donaghadee	30.14	47	SSW	7	c	30.26	+1.1	48	48	+1	S	5	e	3	48	45	0.05		
Parsonstown	30.05	48	SE	1	n	30.14	+0.7	53	52	+4	SE	5	0	*	53	43	0.12		
Barrow-in-Furness	30.24	43	SE	5	c	30.36	+1.0	42	41	-2	SE	4	6	2	46	41	-		
†Holyhead	30.21	46	S	4	b	30.31	+1.1	47	46	0	S	4	d	3	50	44	0.01		
Liverpool (Bidston)	30.25	43	SE	4	0	30.40	+1.2	43	42	-1	SE	3	0	3	48	40	-		
†Valencia	29.99	51	SSW	5	c	30.06	+1.3	53	53	+1	SE	7	0	6	55	48	0.18		
Roche's Point	30.02	49	SSW	6	c	30.15	+1.2	52	52	+2	S	7	0	5	52	49	0.40		
Pembroke	30.22	46	SE	4	0	30.33	+1.2	48	47	+1	SE	3	0	3	48	44	0.03		
†Scilly	30.18	51	S	8	0	30.35	+1.7	53	52	+3	S	6	0	6	53	49	0.02		
Prawle Point	30.35	43	SE	3	0	30.48	+1.4	46	45	+2	SE	3	0	4	46	40	-		
Hurst Castle	30.39	43	S	3	0	30.52	+1.2	43	41	0	SW	3	0	3	48	43	-		
†Dover	30.45	42	S	3	c	30.55	+0.9	41	40	-4	SW	3	e	2	46	40	-		
†London	30.43	41	S	3	0	30.54	+1.0	41	39	-2	SE	2	0	*	48	40	-		
Oxford	30.41	41	SE	3	0	30.51	+1.0	42	41	-2	S	2	e	*	48	41	-		
Cambridge	30.42	43	S	1	0	30.53	+1.0	40	39	-3	Z	0	0	*	49	39	-		
†Yarmouth	30.44	42	SE	3	c	30.55	+0.9	39	38	-3	SE	2	0	2	44	33	-		
The Helder	30.52	37	SE	1	0	30.58	+0.4	37	36	+1	SE	1	0	1	37	36	-		
Cape Gris Nez	30.45	38	SE	1	0	30.51	+1.0	36	?	-7	SE	1	0	1	46	34	-		
†Jersey	30.41	40	S	2	0	30.55	+1.6	42	41	+2	SE	2	0	2	42	39	-		
Brest	30.34	46	SE	5	0	30.45	+1.6	47	46	+4	SE	4	0	3	?	41	-		
Lorient	30.39	43	SE	3	0	30.47	+1.5	43	41	+3	SE	5	0	3	45	37	-		
†Roche fort	30.34	41	SE	4	0	30.45	+1.0	37	36	+3	SE	4	f	2	45	34	-		
Biarritz																			
Corunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	30.63	+1.1	36	35	-5	S	1	0	*	43	36	-		
Charleville	230.50	38	E	3	0	30.59	+0.9	32	32	-8	SE	4	0	*	40	32	-		
Paris	30.50	37	ENE	3	0	30.62	+1.3	34	33	-5	SE	4	0	*	*	*	-		
Lyons														*					
Toulon																			

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

Hawes Junction	29.02	40	S	2	c	29.14	+0.8	40	40	-2	S	1	6	44	37	0.06
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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	30.46	43	41	SE	8	0	Valencia	29.89	51	50	S	7	rmg
Sumburgh Head	30.12	46	44	S	5	c	Scilly	30.17	51	49	S	8	c
Stornoway	29.95	49	47	S	5	c	Dover	30.44	42	42	SSW	3	cg
Aberdeen	30.19	45	44	S	6	0	London	30.42	47	44	SE	3	b
Shields	30.29	46	44	SSW	2	0	Yarmouth	30.44	43	42	SE	3	ef
Ardrossan	30.13	47	47	S	4	0	Jersey	30.39	41	40	SE	3	0
Mullaghmore	29.93	54	51	S	6	0	Roche fort	30.32	39	38	SE	4	f
Holyhead	30.21	49	46	S	3	c							

The fall of the barometer in the W. continues slowly and has now extended to all our stations. The S<sup>ly</sup> winds in the W. and N. are increasing and are already blowing a slight gale on the Irish coast, with rain.

## 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 15<sup>TH</sup> JANUARY.

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE


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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Sunday 15<sup>th</sup> JANUARY 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 force, thus:  
 → forces above 10; → forces 8 to 10  
 → forces 6 to 7; → forces 4 to 5;  
 ○ dead calm.

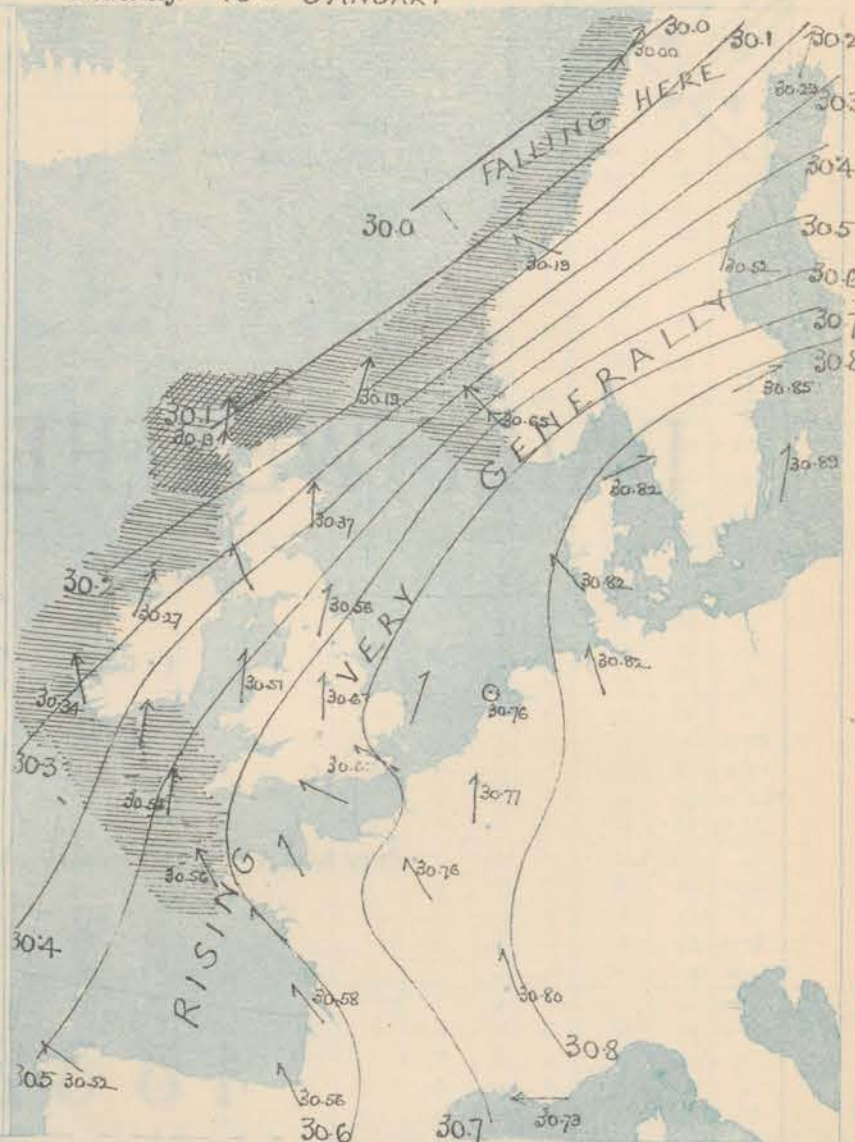
Sea Disturbance, where considerable, is shown by shading round the coast, thus: - Rough; - High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings
Nairn	29.59
Aberdeen	29.627
Leith	29.669
Scarborough	29.700
Ardrossan	29.678
Greenock	29.660
Holyhead	29.750
Valentia	29.720
Rocks Pt.	29.760
Plymouth	29.850
LONDON	29.860
Yarmouth	29.847

\* These means are for the 10 years 1871-80. 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.

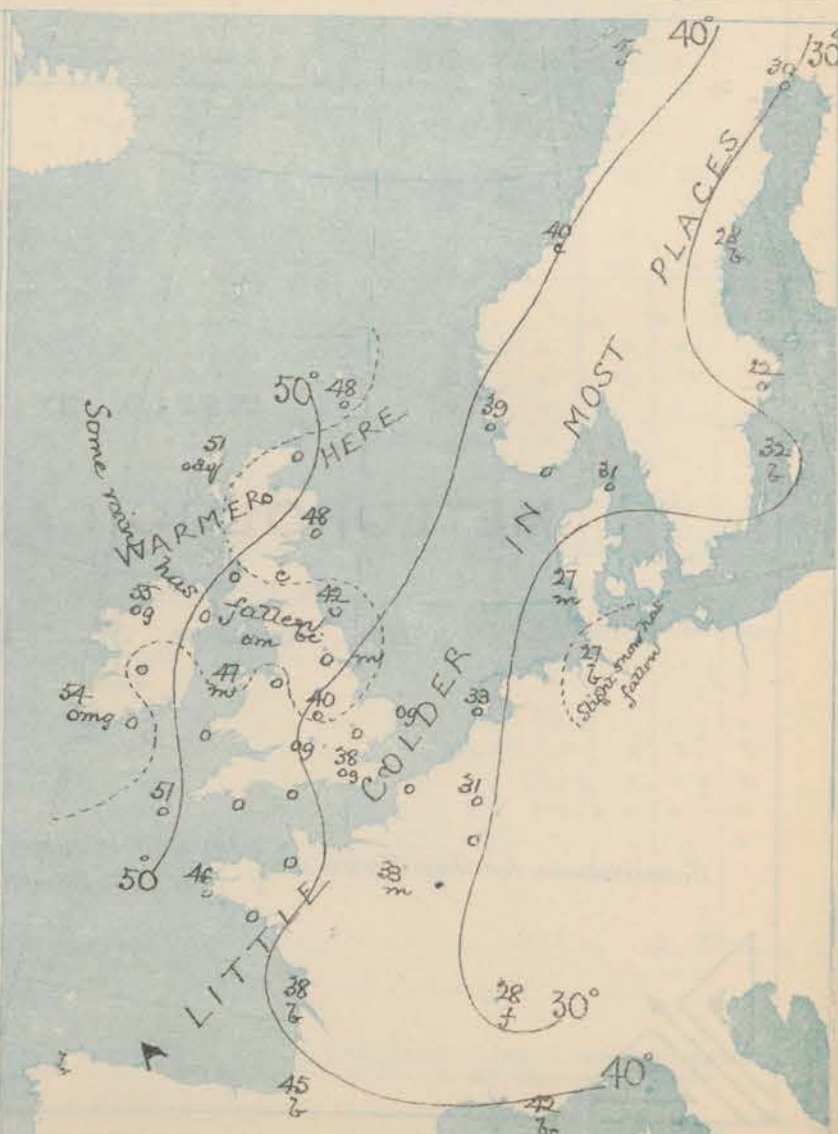
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp	Rain-fall
Sunderby Head	39.0	3.00
Sarnoway	39.3	5.70
Aberdeen	37.0	2.76
Shetls	37.5	1.88
York	37.7	1.80
Mullaghmore	40.4	?
Holyhead	41.3	1.27
Parsonstown	39.5	3.62
Valentia	43.0	7.10
Sally (St Mary's)	45.2	5.18
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

\* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1865 to 1875.





# REMARKS

For Sunday 15<sup>th</sup> JANUARY 1882 at 8 a.m.

The depression which passed along our W. and N. coasts during yesterday or last night occasioned fresh or strong S<sup>t</sup> gales in the W. and NW., but the centre has since travelled away NW<sup>d</sup> and the barometer is now rising in all places except Norway. Pressure is very high over the eastern half of our area, readings ranging from 30.82 ins. at Lushaven to 30.00 ins. at Bodø (N. Norway). The wind is S<sup>t</sup> all over the country and though strong in the W., is light in the E. Rain is falling at Hornøya, but elsewhere <sup>though</sup> the weather is dull, misty and gloomy, it is on the whole dry.

Temperature has risen in the N. and W., fallen in the SE. and ranges from 55° at Mullaghmore and 54° at Larn to 32° in London.

The sea is rough off our extreme SW., W., and N. coasts, as well as off the W. coast of Norway.

## FORECASTS

for the 24 hours ending at Noon  
on the

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

MAP SHOWING  
DISTRICTS.



### 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

### FORECASTS

NONE  
ISSUED

### WARNINGS

The south cone is flying in districts  
no. 0. 1. 6. 7. 8. and 9.



# METEOROLOGICAL OBSERVATIONS FOR 15<sup>th</sup> JANUARY 1882

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.	SHADE TEMP.		Difference from 8 a.m. yesterday.	Dry.	Wet.	WIND.		Weather.	Sec. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).								Dir.	Force (0 to 12).			Max.	Min.	
Haparanda	30.28	33	SW	4	b	30.29	+ 0.9	30	29	-	2	SW	4	o	*	3	21	-
Hernösand	30.56	24	Z	0	b	30.52	+ 0.7	28	26	+	4	SSW	4	b	*	39	21	-
Stockholm	30.52	28	SW	2	b	30.85	+ 2.0	22	22	-	13	WSW	4	o	*	39	?	-
Wisby	30.55	30	WSW	2	b	30.89	+ 2.9	32	31	-	3	SSW	2	b	*	37	?	-
Bodo	30.23	45	SW	8	o	30.30	- 1.0	47	46	+	2	SW	9	o	6	?	37	-
Christiansund	30.36	37	Z	0	b	30.19	- 1.2	40	37	-	6	ESE	2	c	5	2	27	-
†Skudesnaes	30.64	36	SE	8	o	30.65	+ 0.8	39	37	0	0	SE	8	o	6	39	36	-
Örö (Xiansund)	30.74	34	ENE	2	o	30.77	+ 1.0	34	33	-	1	?	2	o	2	36	32	-
Skagen (The Skaw)	30.71	35	SW	3	b	30.82	+ 1.3	31	29	+	1	WSW	3	o	1	36	27	-
Faro	30.77	30	SE	4	o	30.82	+ 1.5	27	27	-	2	SE	4	m	*	30	27	-
Cuxhaven	30.67	?	SE	1	b	30.82	+ 1.9	27	26	-	3	SSE	2	b	*	30	25	0.01
†Samburgh Head	30.14	46	S	6	o	30.19	- 0.1	48	47	+	3	SSW	5	o	5	48	44	0.04
†Stornoway	29.93	32	S	7	o	30.13	+ 0.7	51	50	+	4	S	8	odg	7	52	46	0.14
Wick	30.15	47	S	7	b	30.23	+ 0.5	52	48	+	8	S	6	o	5	52	44	-
Nairn	30.14	52	SSW	4	o	30.22	+ 0.4	54	51	+	9	SSW	6	o	3	54	45	-
†Aberdeen	30.32	45	S	4	o	30.37	+ 0.6	48	46	+	4	S	6	o	4	50	43	-
Leith	30.37	52	SW	5	c	30.43	+ 0.7	50	48	+	4	SW	2	c	*	54	45	-
†Shields	30.45	44	SW	3	n	30.56	+ 1.4	42	42	+	1	SSW	4	o	2	46	39	0.03
Spurn Head	30.53	40	S	3	f	30.64	+ 1.7	39	38	-	1	S	4	m	2	42	38	0.01
York	30.52	43	S	1	m	30.62	+ 1.6	39	39	-	1	SSE	2	o	*	44	38	0.07
Nottingham	30.58	42	SSW	2	o	30.67	+ 1.8	40	39	-	2	S	1	o	*	44	38	0.06
†Ardrossan	30.29	49	S	3	o	30.43	+ 1.7	48	48	+	1	SSE	4	o	3	49	46	0.02
†Mullaghmore	30.04	55	S	8	og	30.27	+ 2.2	55	53	+	3	SSW	7	og	6	56	50	0.02
Donaghadee	30.26	50	SSW	8	c	30.43	+ 1.7	49	49	+	1	SSW	7	o	5	51	47	-
Parsonstown	30.20	53	S	5	o	30.40	+ 2.6	52	51	-	1	SSW	2	o	*	54	51	-
Barrow-in-Furness	30.42	44	SSE	3	o	30.56	+ 2.0	42	42	0	0	SE	3	om	2	44	41	0.10
†Holyhead	30.39	50	S	5	c	30.51	+ 2.0	47	46	0	0	S	4	m	3	50	47	0.06
Liverpool (Bidston)	30.45	45	SE	3	b	30.57	+ 1.7	41	41	-	2	SE	3	o	2	47	41	-
†Valencia	30.11	54	SSE	8	ogm	30.34	+ 2.8	54	52	+	1	SSE	6	omg	6	55	52	0.05
Roche's Point	30.25	52	S	7	o	30.43	+ 2.8	51	50	-	1	S	6	o	5	53	48	0.08
Pembroke	30.43	48	SE	4	b	30.56	+ 2.3	47	46	-	1	SE	4	o	3	49	46	-
†Scilly	30.40	32	S	6	c	30.53	+ 1.8	51	50	-	2	S	6	o	6	54	49	-
Prawle Point	30.55	45	SSE	3	o	30.63	+ 1.5	44	43	-	2	SSE	4	o	3	46	43	-
Hurst Castle	30.60	41	SSE	2	o	30.67	+ 1.5	42	40	-	1	SE	1	o	2	44	40	-
†Dover	30.63	40	SSW	3	og	30.70	+ 1.5	41	40	0	0	SSW	3	cg	3	42	38	-
†London	30.60	41	S	1	og	30.65	+ 1.1	38	37	-	3	ESE	1	og	*	48	38	-
Oxford	30.62	40	SSW	2	o	30.68	+ 1.7	39	38	-	3	SE	1	og	*	43	39	-
Cambridge	30.62	40	S	1	o	30.71	+ 1.8	38	38	-	2	S	1	o	*	42	37	-
†Yarmouth	30.61	40	SSW	2	og	30.72	+ 1.7	38	37	-	1	SSW	2	og	3	41	37	-
The Helder	30.69	35	SSE	1	o	30.76	+ 1.8	33	33	-	4	SSE	1	o	1	37	33	-
Cape Gris Nez	30.62	35	SE	1	m	30.69	+ 1.8	36	36	0	0	ESE	3	o	1	37	35	-
†Jersey	30.60	40	SE	2	om	30.67	+ 1.2	41	40	-	1	SSE	2	o	2	42	38	-
Brest	30.50	48	SSE	4	m	30.56	+ 1.1	46	45	-	1	SSE	5	o	5	50	41	-
Lorient	30.51	44	SE	4	o	30.61	+ 1.4	42	41	-	1	SE	3	o	3	46	39	-
†Rochefort	30.52	43	ESE	3	f	30.58	+ 1.3	38	37	+	1	SE	4	b	2	46	32	-
Biarritz	30.50	51	E	3	b	30.56	+ 0.9	45	40	0	0	SE	3	b	2	59	36	-
Corunna	*	*	*	*	*	30.52	?	?	?	?	?	ESE	7	b	1	*	*	*
Brussels	*	*	*	*	*	30.77	+ 1.4	31	31	-	5	S	1	o	*	37	31	-
Charleville	30.65	32	ESE	1	o	30.74	+ 1.5	33	32	+	1	SSE	1	o	*	34	32	-
Paris	30.66	35	SE	3	f	30.76	+ 1.4	33	33	-	1	SSE	3	m	*	*	*	-
Lyons	30.69	37	N	1	b	30.80	+ 1.2	28	23	0	0	SSE	1	f	*	41	27	-
Toulon	30.65	46	NE	1	b	30.73	?	42	40	?	?	E	5	bc	2	50	41	-

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

Hawes Junction	29.19	44	W	2	c	29.31	+ 1.7	40	40	0	0	W	1	c	*	47	40	0.08
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes ...	30.61	39	36	SSE	8	o	6	Valencia ...	30.07	54	53	SSE	8	ogm	7
Sumburgh Head	30.19	46	44	S	5	o	6	Scilly ...	30.37	54	52	S	7	c	6
Stornoway ...	29.99	49	48	SSE	6	m	5	Dover ..	30.59	40	40	S	3	og	2
Aberdeen ...	30.31	45	43	S	6	bc	4	London ...	30.57	44	42	Z	0	og	*
Shields ...	30.43	44	43	SW	3	o	2	Yarmouth ...	30.53	40	39	SSW	2	og	2
Ardrossan ...	30.26	49	48	SSW	3	o	3	Jersey ...	30.57	42	41	SSE	2	o	2
Mullaghmore ...	30.00	55	53	S	7	og	6	Rochefort ...	30.13	40	39	ESE	3	f	2
Holyhead ...	30.36	49	48	S	4	m	3								

There has been comparatively little change in pressure over Ireland and England, but in the Hebrides there has been a decrease and a disturbance lies off those Islands. The wind is strong from the SW except in the SE, and the weather is dull.

## 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 16<sup>TH</sup> JANUARY.

1882

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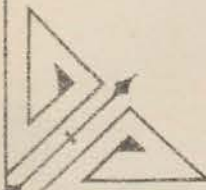
ISSUED BY THE

METEOROLOGICAL OFFICE

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S. W.

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ROBERT H. SCOTT

(SECRETARY.)



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# WEATHER CHARTS

for 8 a.m. on Monday 16<sup>th</sup> JANUARY.

## 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.

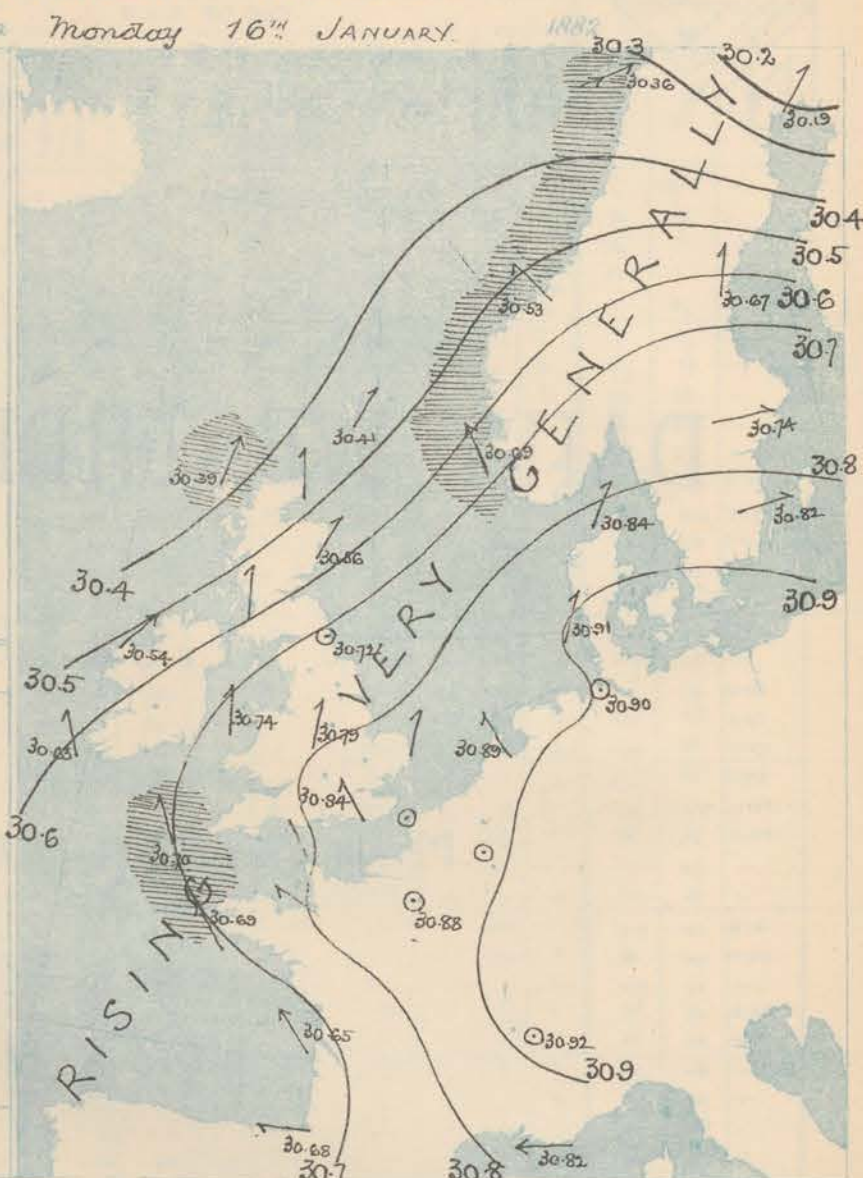
Wind Arrows show the prevalent winds.  
They fly with the wind, and their barbs and feathers refer to force, thus:  
→ force above 10; →→ force 8 to 10;  
→→ force 5 to 7; →→ force 1 to 4;  
○ = dead calm.

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

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

Stations	Mean Readings
Naurn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.706
Ardrossan	29.678
Greencastle	29.651
Holyhead	29.730
Valentia	29.722
Roch's Pt.	29.755
Plymouth	29.866
LONDON	29.869
Varmouth	29.897

\* 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.

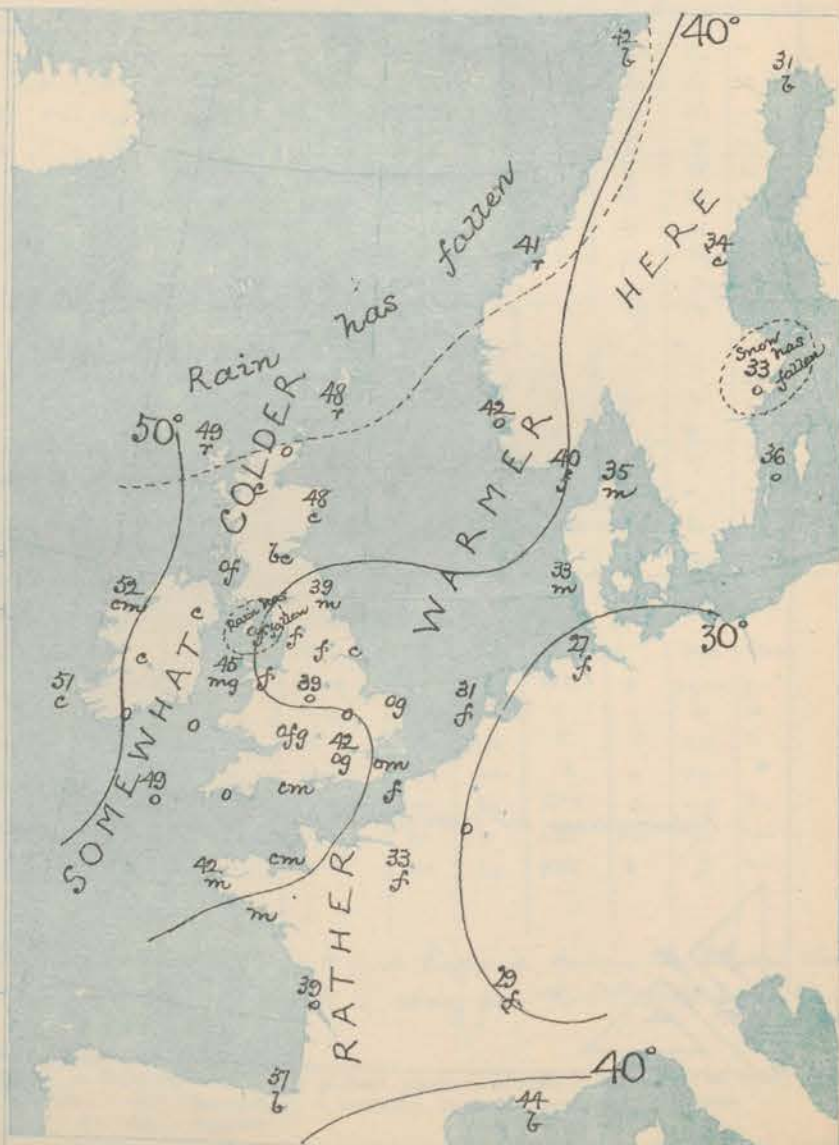
### Explanation of Map.

Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.  
Weather Letters of the Doucet. 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 January

Stations	Temp.	Rain-fall.
Sunbury Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Stuads	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	42.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.18
Hurst Castle	40.4	?
Dover	36.3	3.56
LONDON	38.8	2.63
Varmouth	37.3	2.64

\* 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 16<sup>TH</sup> JAN<sup>Y</sup> 1882 at 8 a.m.

There has been a further increase of pressure over the whole of Western Europe, and readings are now very high over the whole of our area, ranging from 30.9 ins. in North Germany to 30.4 ins. in the Hebrides and 30.2 ins. at Haparanda (Lapland). Gradients are comparatively slight and the wind which blows from E. over France, from SE. on our SW. coasts, and from S. and SW. on our other coasts and over Scandinavia is light or moderate in force except in the extreme W. and NW, where it blows freshly. The weather though dry generally over these Islands, the only rain reported being at Barrow in Furness and the extreme N. of Scotland, is dull, gloomy and foggy in most districts. Temperature has risen over the SE. and S. of England, as well as in the countries to the E. of the North Sea, but has fallen elsewhere, and reading range from 52° in N. Ireland, 37° at York and 27° at Cushaven. Exceptionally high readings were experienced in the N. and W. yesterday, the maxima being 57° at Nairn, 55° at Valencia and Mullaghmore, and 54° at Wick, Leith and Roches Point.

The sea is rough at the mouth of the Channel, at Stornoway and off the west

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

17<sup>TH</sup> JANUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S <sup>W</sup> and SW <sup>W</sup> winds, fresh and gusty; cloudy, rain.	6 SCOTLAND WEST	S <sup>W</sup> and SW <sup>W</sup> winds, moderate and fresh; dull, gloomy, slight misty rain.
2 SCOTLAND EAST	SW <sup>W</sup> winds, light or moderate; cloudy, dull, misty.	7 ENGLAND N.W.	D°-----D°-----D°-----
3 ENGLAND N.E.	D°-----D°-----D°-----	8 ENGLAND S.W.	SE <sup>W</sup> and S <sup>W</sup> winds, moderate; dull, misty.
4 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	S <sup>W</sup> winds, moderate and fresh; cloudy, gloomy.
5 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	D°-----D°-----D°-----
5 ENGLAND SOUTH	Very light breezes between SW. and SE.; weather cloudy, gloomy, and foggy, rather cold	WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

16<sup>th</sup> JAN<sup>y</sup>

1882

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 3).	SHADE TEMP.		Amount of Rainfall.						
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.							
Haparanda	30.04	31	SW	4	b	30.19	-1.10	31	30	+1	SW	4	b	*	37	27	-						
Hernösand	30.42	28	Z	0	c	30.67	+1.15	34	32	+6	SSW	2	c	*	2	18	-						
Stockholm	30.72	28	W	4	o	30.74	-1.11	33	33	+11	W	2	c	*	9	21	0.04						
Wisby	30.86	32	SW	4	b	30.82	-0.07	36	33	+4	W	2	c	*	36	30	-						
Bodö	30.06	40	SW	9	o	30.36	+1.36	42	39	-3	SSW	8	b	*	2	37	0.24						
Christiansund	30.41	43	W	7	a	30.53	+1.34	41	39	+1	SE	2	a	*	46	30	0.63						
Skudesnaes	30.64	41	SE	3	o	30.59	-0.04	42	41	+3	SSR	6	o	*	2	39	-						
Oxö (Klansund)	30.73	39	SSW	6	f	30.77	-0.04	40	40	+6	SW	2	f	*	1	1	-						
Skagen (The Skaw)	30.80	29	WSW	3	o	30.34	+0.46	34	34	+3	SW	4	m	*	36	27	-						
Fanö	30.85	31	S	4	o	30.91	+0.09	33	32	+6	SSW	2	m	*	34	27	-						
Cuxhaven	30.83	?	Z	0	f	30.90	+1.18	27	27	0	Z	0	f	*	27	25	-						
Sumburgh Head	30.32	48	SSW	3	a	30.41	+1.22	48	47	0	SW	2	a	*	39	46	0.28						
Stornoway	30.29	50	SSW	7	a	30.39	+1.26	49	48	-2	SSW	6	a	*	51	42	0.42						
Wick	30.32	52	S	3	o	30.47	+1.24	44	43	-8	S	1	o	*	54	43	0.03						
Nairn	30.39	53	SSW	1	c	30.43	+1.26	50	47	-4	SSW	1	c	*	67	49	-						
Aberdeen	30.47	47	SSW	3	o	30.56	+1.09	43	46	0	SW	3	c	*	50	46	-						
Leith	30.54	39	SW	1	c	30.62	+1.09	46	44	-4	WSW	1	c	*	54	44	-						
Shields	30.63	42	SSW	3	om	30.72	+1.16	39	39	-3	Z	0	m	*	43	38	-						
Spurn Head	30.68	39	S	4	b	30.74	+1.10	41	40	+2	S	3	o	*	41	38	-						
York	30.67	41	SSSE	1	o	30.79	+1.17	37	37	-2	S	1	f	*	43	36	-						
Nottingham	30.71	41	S	3	o	30.79	+1.12	39	38	-1	SSW	3	o	*	43	38	-						
Ardrossan	30.83	47	SSSE	3	o	30.83	+1.20	47	46	-1	S	4	of	*	48	47	-						
Mullaghmore	30.39	54	S	6	om	30.54	+1.27	52	48	-3	SW	5	om	*	56	52	-						
Donaghadee	30.55	48	SSW	3	o	30.68	+1.23	45	45	-4	SSW	2	c	*	50	45	-						
Parsonstown	30.50	51	SE	1	o	30.65	+1.23	46	45	-6	S	1	c	*	53	46	-						
Barrow-in-Furness	30.61	42	ESE	3	o	30.73	+1.17	40	40	-2	SE	2	of	*	42	39	0.02						
Holyhead	30.59	47	S	4	m	30.74	+1.23	45	45	-2	S	3	m	*	48	44	-						
Liverpool (Bidston)	30.65	42	SE	2	c	30.76	+1.19	38	37	-3	SE	2	f	*	44	37	-						
Valencia	30.47	53	SSSE	5	o	30.63	+1.29	51	50	-3	SSSE	1	c	*	55	51	-						
Roche's Point	30.49	50	S	6	o	30.66	+1.23	50	49	-1	SSC	5	o	*	54	49	-						
Pembroke	30.64	346	SSSE	3	o	30.73	+1.17	45	43	-2	SE	2	o	*	48	43	-						
Scilly	30.60	50	SSC	5	o	30.70	+1.17	49	48	-2	SSC	4	o	*	53	48	-						
Prawle Point	30.69	45	SE	2	o	30.77	+1.14	46	46	+2	SE	2	o	*	46	43	-						
Hurst Castle	30.72	45	ESE	1	o	30.79	+1.12	45	44	+3	SE	1	om	*	46	40	-						
Dover	30.75	41	SSC	2	og	30.85	+1.15	39	38	-2	SE	1	om	*	42	38	-						
London	30.72	43	SE	1	og	30.84	+1.19	42	41	+4	SE	1	og	*	44	38	-						
Oxford	30.75	42	S	1	o	30.82	+1.14	43	42	+4	Z	0	of	*	43	39	-						
Cambridge	30.72	41	S	1	o	30.84	+1.13	40	40	+2	SW	1	o	*	40	37	-						
Yarmouth	30.73	40	SE	3	og	30.84	+1.12	39	38	+1	SSW	2	og	*	40	37	-						
The Helder	30.84	33	SSSE	1	f	30.89	+1.13	31	30	-2	SSSE	1	f	*	34	30	-						
Cape Gris Nez	30.72	37	ESE	1	m	30.81	+1.12	31	31	-5	E	1	f	*	48	30	-						
Jersey	30.72	42	SE	2	c	30.80	+1.13	42	42	+1	ESE	1	cm	*	44	40	-						
Brest	30.67	47	SSSE	3	m	30.69	+1.13	42	41	-4	SE	4	m	*	48	45	-						
Lorient	30.67	44	ESE	4	m	30.73	+1.12	38	37	-4	ESE	4	m	*	45	36	-						
Rocheport	30.58	48	E	4	c	30.65	+0.07	39	37	+1	SE	5	o	*	52	34	-						
Biarritz	30.62	49	SE	4	b	30.68	+1.12	37	34	-8	E	1	b	*	59	32	-						
Corunna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Brussels	...	...	...	...	...	30.91	+1.14	30	30	-1	S	1	o	*	?	?	-						
Charleville	30.80	32	SE	1	o	30.85	+1.11	30	30	-3	NW	1	o	*	54	?	-						
Paris	30.78	35	ESSE	1	f	30.88	+1.12	33	32	0	Z	0	f	*	*	*	-						
Lyons	30.84	30	NE	1	f	30.92	+1.12	29	27	+1	SE	1	f	*	32	?	-						
Toulon	30.79	44	E	4	b	30.82	+0.09	44	37	+2	E	5	b	*	48	41	-						
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																							
Hawes Junction	29.37	41	NW	1	b	29.47	+1.16	36	36	-4	WNW	1	f	*	45	36	-						

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

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.	
Skudeanaes ..	30.64	41	40	SSS	8	n	Valencia ...							
Sumburgh Head							Scilly ...							
Stornoway ...							Dover ..							
Aberdeen ...							London ...						*	
Shields ...							Yarmouth ...						.	
Ardrossan ...							Jersey ...							
Mullaghmore ...							Rocheport ...	30.57	51	50	SE	4	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); 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. 17<sup>TH</sup> JANUARY.

1882

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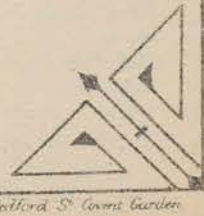
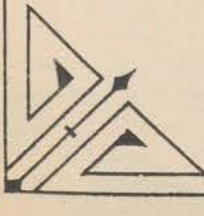
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ROBERT H. SCOTT

(SECRETARY.)

*Printed by Dwyerfield, Linn & Co. Bedford St. Covent Garden*



# WEATHER CHARTS

for 8 a.m. on TUESDAY, 17<sup>TH</sup> JANUARY

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.

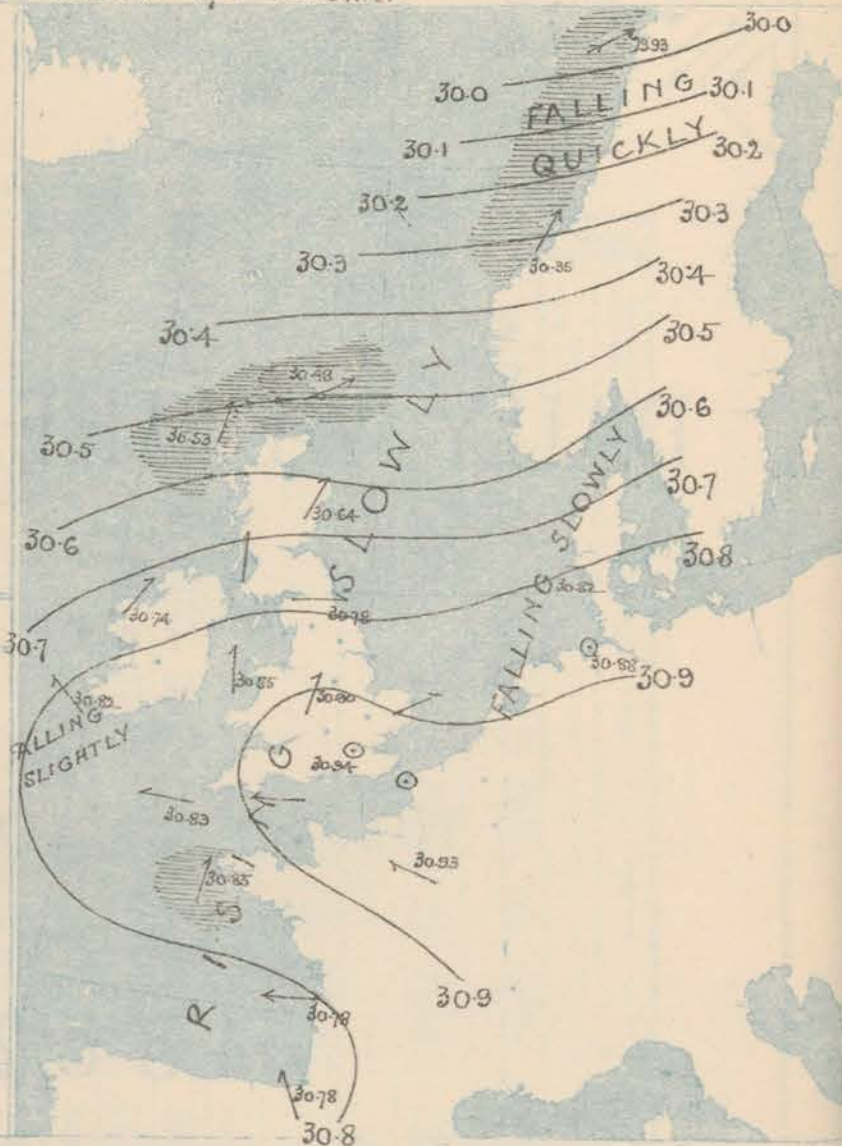
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
 — force above 10; — force 8 to 10  
 — force 5 to 7; — force 1 to 4;  
 ○ = dead calm.

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

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

Stations.	Mean Readings in.
Naton	29.594
Aberdeen	29.627
Leith	29.669
Scarborough	29.706
Ardrossan	29.678
Greenock	29.652
Holyhead	29.750
Valentia	29.732
Seah's Pt.	29.760
Plymouth	29.866
LONDON	29.889
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.

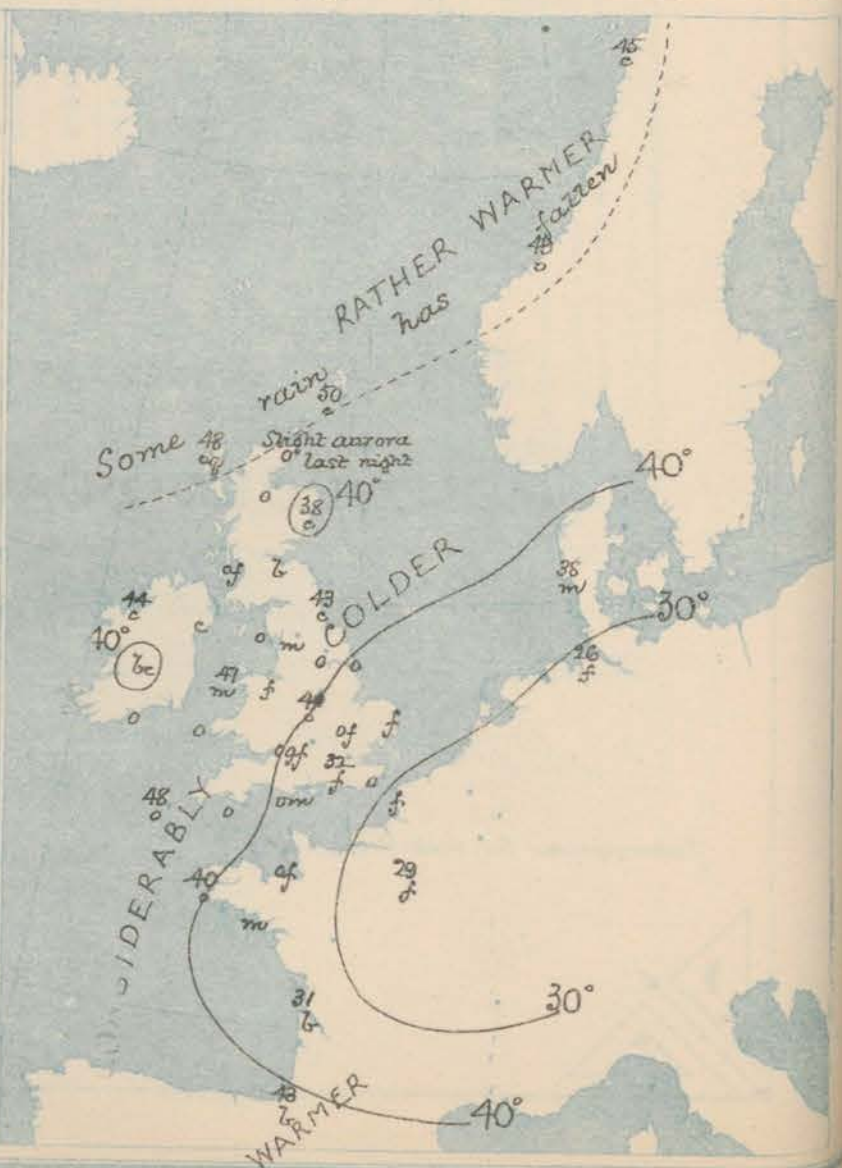
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 January

Stations	Temp.	Rain-fall.
Sandwich Head	39.0	11.4
Stornoway	39.3	5.71
Aberdeen	37.0	2.76
Shetlands	37.6	1.98
Kirk	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.0	4.27
Portsmouth	39.6	8.62
Valentia	39.0	7.70
Sally (St Mary's)	36.2	6.13
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	3.63
Yarmouth	37.3	2.84

\* 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 Tuesday 17<sup>th</sup> JAN<sup>y</sup> 1882 at 8 a.m.

The weather over these Islands and their neighbourhood is under the influence of an area of exceptionally high pressure. This area extends over the Central and SE-districts of England, the NE. of France and North Germany, while a depression is apparently approaching the N. of Norway from NW, so that readings at present range from 30.94 ins. in London and at Dover to 29.93 ins. at Bodö. The wind is E<sup>1</sup> over France and the Channel, SE<sup>1</sup> to SW<sup>1</sup> on our other coasts, and SW<sup>1</sup> to W<sup>1</sup> on the eastern shores of the North Sea. It blows a gale in the extreme N., and is fresh or strong in force at Christiansund and in the Shetlands and Hebrides, but elsewhere it is light or moderate. With few exceptions the sky remains cloudy or dull at all stations, with fog or mist in several places, but there has again been an almost complete absence of rain, the only amounts measured being a few hundredths in the extreme N. Temperature has fallen briskly except in Norway and the N. of Scotland, and ranges from 50° in the Shetlands and 49° at Valencia to 32° in London and 29° at Paris. Slight frost was experienced in the SE. of England and E. of France last night. Sea is rough off the W. coast of Norway and round the Shetlands and Hebrides.

MAP SHOWING DISTRICTS.



## FORECASTS

for the 24 hours ending at Noon  
on the  
18<sup>th</sup> JANUARY.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	SW <sup>1</sup> and W <sup>1</sup> winds, rather fresh and gusty; dull.
2 SCOTLAND EAST	Light W <sup>1</sup> breezes; cloudy, some fog, colder.
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Light W <sup>1</sup> airs or calms; cloudy, misty and dull, turning colder.
5 MIDLAND COUNTIES	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	Light E <sup>1</sup> or calms; dull, foggy, cold, with frost inland.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Light or moderate S <sup>1</sup> winds; dull, mist or fog.
7 ENGLAND N.W.	-----D°-----D°-----D°-----
8 ENGLAND S.W.	E <sup>1</sup> winds, moderate; dull, rather cold.
9 IRELAND NORTH	Light or moderate SW <sup>1</sup> breezes; cloudy, dull.
10 IRELAND SOUTH	SE <sup>1</sup> and S <sup>1</sup> breezes, light; dull-misty.
WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

17<sup>th</sup> JAN<sup>y</sup>

1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.									PAST 24 HOURS.		
	Barometer at 32° F. Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		
			Dir.	Force, (0 to 12).			Reading at 32° F. Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force, (0 to 12).			Max.	Min.	Amount of Rainfall.
Haparanda																		
Hernösand																		
Stockholm																		
Wisby																		
Bodö	30.41	39	W.S.W.	4	0		29.93	- .43	45	43	+ 3	W.S.W.	8	c	5	?	34	0.12
Christiansund	30.51	42	2	0	0		30.35	- .18	49	46	+ 8	Sw	7	0	5	?	30	0.16
†Skudesnaes																		
Oxö (Kriensund)																		
Skagen (The Skaw)																		
Fanö	30.92	37	W.S.W.	1	0		30.82	- .09	38	37	+ 5	W.S.W.	4	m	#	?	32	
Cuxhaven	30.93	?	2	0	f		30.88	- .02	26	26	- 1	2	0	f	#	27	21	
†Sumburgh Head	30.50	48	Sw	3	m		30.48	+ .02	50	47	+ 2	W.S.W.	5	c	5	50	48	0.20
†Stornoway	30.51	50	SSW	6	n		30.53	+ .14	48	47	- 1	SSW	6	og	6	50	47	0.02
Wick	30.54	47	Sw	1	b		30.59	+ .12	45	44	+ 1	S	1	0	2	52	44	
Nairn	30.57	49	SSW	3	b		30.62	+ .14	48	46	- 2	W.S.W.	2	0	2	53	48	
†Aberdeen	30.62	47	Sw	2	c		30.64	+ .08	38	37	- 10	Sw	1	c	2	49	34	
Leith	30.71	47	W.S.W.	2	bc		30.75	+ .13	45	43	- 1	W	1	b	#	48	41	
†Shields	30.77	40	W.S.W.	2	m		30.78	+ .06	43	42	+ 4	W	2	cm	2	45	34	
Spurn Head	30.81	43	SSW	4	0		30.83	+ .09	39	39	- 2	Sw	3	0	2	43	38	
York	30.82	38	S	1	0		30.85	+ .06	38	37	+ 1	Sw	1	0	#	39	34	
Nottingham	30.86	42	SSW	3	0		30.90	+ .11	40	39	+ 1	Sw	2	0	#	43	38	
†Ardrossan	30.75	47	Sw	3	c		30.78	+ .15	46	46	- 1	S	3	of	2	47	44	
†Mullaghmore	30.66	52	S	4	c		30.74	+ .20	44	43	- 8	Sw	4	0	3	55	40	
Donaghadee	30.76	45	SSW	2	bc		30.81	+ .13	43	43	- 2	SSW	2	0	0	50	39	
Parsonstown	30.74	45	S	1	e		30.83	+ .18	38	37	- 8	S	1	bc	#	52	37	
Barrow-in-Furness	30.82	39	SE	2	0		30.85	+ .12	40	40	0	S	2	0	2	40	38	
†Holyhead	30.80	43	S	3	m		30.85	+ .11	47	45	+ 2	S	2	m	1	47	43	
Liverpool (Bidston)	30.82	39	SE	2	0		30.89	+ .13	38	38	0	SE	1	f	1	39	36	
†Valencia	30.72	52	SEE	8	om		30.82	+ .19	49	48	- 2	SE	3	0	3	55	48	
Roche's Point	30.77	49	S	4	0		30.82	+ .16	49	47	- 1	S	1	0	4	51	48	
Pembroke	30.81	46	SE	1	0		30.86	+ .13	45	44	0	SE	2	0	2	47	44	
†Scilly	30.77	49	SE	3	0		30.83	+ .13	48	46	- 1	E	2	0	3	50	47	
Prawle Point	30.81	47	ESE	2	b		30.89	+ .12	44	43	- 2	E	3	0	2	50	43	
Hurst Castle	30.87	43	ESE	3	0		30.92	+ .13	39	39	- 6	E	2	om	2	48	38	
†Dover	30.89	36	ESE	1	om		30.94	+ .09	36	35	- 3	SSW	1	0	0	41	35	
†London	30.91	38	SSSE	1	0		30.94	+ .10	32	31	- 10	2	0	f	#	42	31	
Oxford	30.90	42	S	1	0		30.93	+ .11	34	34	- 9	2	0	ogf	#	45	34	
Cambridge	30.89	39	Sw	1	0		30.92	+ .08	34	34	- 6	Sw	1	of	#	42	34	
†Yarmouth	30.87	38	SSW	2	of		30.89	+ .05	34	33	- 5	W.S.W.	2	f	3	40	32	
The Helder																		
Cape Gris Nez	30.89	32	E	1	f		30.93	+ .12	28	27	- 3	E	1	f	0	36	27	
†Jersey	30.86	42	SE	1	bm		30.92	+ .12	36	36	- 6	ESE	2	of	2	45	35	
Brest	30.76	42	SE	3	b		30.85	+ .16	40	39	- 2	SE	3	0	5	48	39	
Lorient	30.79	45	ESE	4	m		30.86	+ .13	33	32	- 5	E	4	m	4	45	30	
†Rochefort	30.73	41	EME	4	bc		30.78	+ .13	31	30	- 8	E	5	b	2	50	27	
Biarritz	30.72	53	C	3	b		30.78	+ .10	43	37	+ 6	SSSE	4	b	3	59	32	
Corunna																		
Brussels																		
Charleville																		
Paris	30.91	33	ESE	1	0		30.93	+ .05	29	28	- 4	ESE	3	f	#			
Lyons																		
Toulon																		

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

Hawes Junction	29.52	38	W	2	0		29.56	+ .09	37	37	+ 1	W.S.W.	2	m	#	38	35	
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

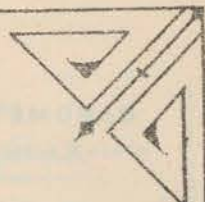
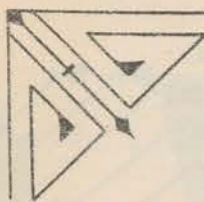
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.73	42	41	SSE	6	0	6	Valencia ...	30.69	54	50	SE	3	cm	4
Sumburgh Head	30.47	48	47	SW	3	n	4	Scilly ...	30.77	50	48	S	3	0	5
Stornoway ...	30.48	49	48	SSW	6	d	5	Dover ..	30.88	39	38	SSE	1	om	0
Aberdeen ...	30.61	48	46	SW	3	bc	3	London ...	30.88	42	41	SSE	1	ogm	#
Shields ...	30.76	45	43	W	1	cm	2	Yarmouth ...	30.86	39	38	SSW	2	og	3
Ardrossan ...	30.70	47	47	S	3	0	2	Jersey ...	30.85	44	44	SE	2	b	2
Mullaghmore ...	30.61	51	44	SSW	5	b	4	Rochefort ...	30.73	43	39	E	4	0	2
Holyhead ...	30.78	45	43	S	3	m	2								

The barometer continues to rise in all places except the W. of Ireland where pressure has become unsteady. The wind is S<sup>ly</sup> and the weather dull, misty, and gloomy.

## 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

WEDNESDAY 18<sup>TH</sup> JANUARY

1882

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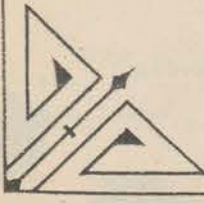
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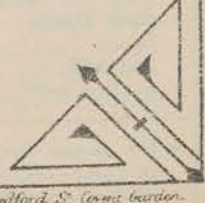
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ROBERT H. SCOTT  
(SECRETARY.)



*Fred<sup>s</sup> Dingerfield, Lich. 22 Bedford St. (opp. garden.)*



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY 18<sup>th</sup> JANUARY 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.

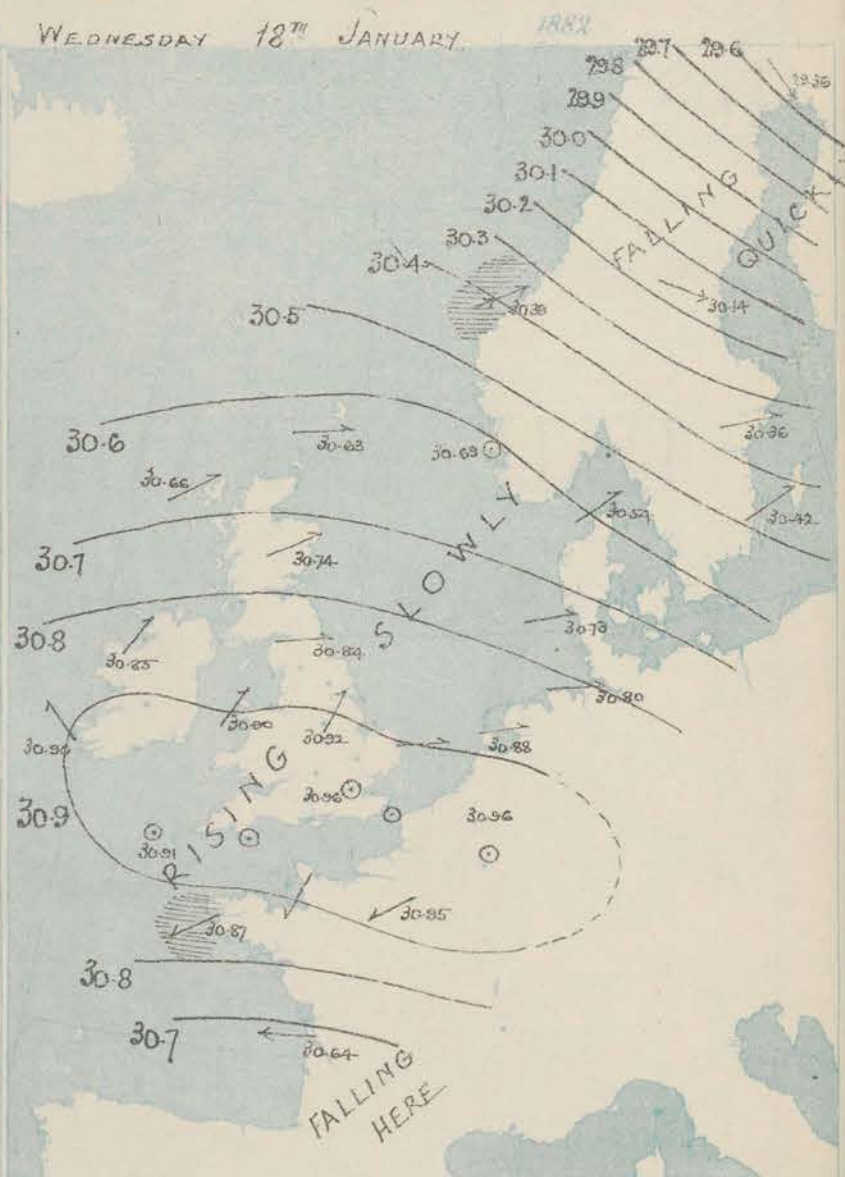
Wind Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:  
 → forces above 10; → forces 8 to 10;  
 → forces 5 to 7; → forces 1 to 4;  
 ○ = dead calm.

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

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

Stations	Mean Readings
Nairn	29.391
Aberdeen	29.627
Leith	29.669
Scarborough	29.700
Ardrossan	29.628
Greenacastle	29.660
Holyhead	29.790
Valentia	29.721
Roche's Pt.	29.766
Plymouth	29.860
LONDON	29.868
Yarmouth	29.897

\* 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 January

Stations	Temp.	Rain-fall
Scrimburgh Head	39.0	3.00
Scrimburgh	39.3	5.70
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Malborough	40.4	0
Holyhead	41.3	4.37
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.18
Hurst Castle	40.4	0
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

\* 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 18<sup>TH</sup> JAN. 1882 at 8 a.m.

The most important change in pressure during the past twenty four hours has been the rather brisk decrease which has taken place in the S.W. of France, in all parts of Western Europe pressure shows a further increase and readings now range from the exceptional height of 30.97 ins. at Oxford to 30.64 ins. at Rochefort and 29.56 ins. in the N. of Sweden. Very light and variable breezes are reported over the south of England, while light to fresh E<sup>t</sup> winds prevail in France, light S.W.<sup>t</sup> to W<sup>t</sup> breezes all over our more N<sup>t</sup> districts and strong W<sup>t</sup> winds in Scandinavia. The weather is fine in N. Wales, at the mouth of the Rhine, in W. France and in Sweden, but is dull elsewhere, with drizzling rain in W. Scotland and dense fog in the S.E. and Central parts of England. Slight rain fell in the W. and N. of Scotland yesterday, while in Ireland the weather was fine and bright. Temperature has fallen except in Scotland, where there has been a slight rise; readings at present range from 51° at Kairn to 31° at Parsonstown and in London, and 27° at Paris. During yesterday the thermometer reached 54° at Kairn, while in London the maximum was only 35°.

The sea is rough at Christiansund and Brest.

MAP SHOWING  
DISTRICTS.



## FORECASTS

for the 24 hours ending at Noon  
on the

19<sup>TH</sup> JANUARY

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

DISTRICTS		FORECASTS	DISTRICTS		FORECASTS
1	SCOTLAND NORTH	W <sup>ly</sup> breezes, light to moderate; cloudy, dull, cold mist or fog.	6	SCOTLAND WEST	SW <sup>ly</sup> and W <sup>ly</sup> breezes, moderate; dull and foggy then fair.
1	SCOTLAND EAST	-----D°-----D°-----D°-----	7	ENGLAND N.W.	Light SW <sup>ly</sup> breezes; fair.
2	ENGLAND N.E.	-----D°-----D°-----D°-----	8	ENGLAND S.W.	Light E <sup>ly</sup> and SE <sup>ly</sup> winds; dull, fog.
3	ENGLAND EAST	Light W <sup>ly</sup> breezes; cold, foggy, damp weather.	9	IRELAND NORTH	Same as No 7.
4	MIDLAND COUNTIES	Calms to light W <sup>ly</sup> breezes; cold, foggy weather.	10	IRELAND SOUTH	Light SE <sup>ly</sup> winds; fair.
5	ENGLAND SOUTH	Calms to E <sup>ly</sup> breezes, cold and foggy.	WARNINGS		NONE ISSUED



# METEOROLOGICAL OBSERVATIONS FOR

13<sup>th</sup> JAN<sup>y</sup>

1882

† 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 ...	29.69	36	SW	4	c	29.56	-.56	37	36	+ 7	NW	6	c	*	39	28	-		
Hernösand ...	30.16	26	SSW	2	b	30.14	-.30	41	36	+ 14	WNW	6	b	*	41	21	-		
Stockholm ...	30.73	36	W	4	o	30.36	-.22	36	35	+ 1	W	4	b	*	37	3	-		
Wisby ...	30.48	38	W	4	o	30.42	-.27	38	38	+ 5	WSW	4	b	*	39	32	-		
Bodö ...	29.65	40	SW	8	a	29.75	-.18	38	37	- 7	W	8	b	5	45	32	0.59		
Christiansund ...	30.24	46	WSW	9	b	30.39	+ .04	44	40	- 5	WSW	9	c	6	48	34	0.04		
†Skudesnaes ...	30.60	43	Z	0	o	30.69	+ .02	42	42	- 1	Z	0	f	3	43	?	-		
Oxö (Xiansund) ...	30.58	41	WSW	2	b	30.57	-.08	42	42	0	SW	4	c	2	43	39	-		
Skagen (The Skaw) ...	30.55	42	WSW	6	o	30.54	-.14	42	42	+ 2	W	4	c	4	43	59	-		
Fanö ...	30.76	39	WSW	5	o	30.73	-.09	40	40	+ 2	W	3	m	*	41	37	-		
Cuxhaven ...	30.85	?	WSW	2	f	30.80	-.08	36	36	+ 10	W	4	f	*	?	?	-		
†Sumburgh Head ...	30.51	48	W	5	a	30.63	+ .15	45	43	- 5	W	2	c	3	51	43	0.01		
†Stornoway ...	30.62	48	W	1	o	30.66	+ .13	49	49	+ 1	WSW	8	od	3	50	47	0.12		
Wick ...	30.63	48	SW	2	o	30.69	+ .10	46	45	+ 1	Z	0	f	1	51	43	0.05		
Nairn ...	30.66	49	SW	1	o	30.70	+ .08	51	48	+ 3	SW	2	c	1	52	48	-		
†Aberdeen ...	30.69	42	SW	1	b	30.74	+ .10	42	41	+ 4	WSW	1	cm	1	45	35	-		
Leith ...	30.76	46	W	1	o	30.82	+ .07	47	45	+ 2	W	1	o	*	49	43	-		
†Shields ...	30.81	46	W	3	o	30.84	+ .06	41	40	- 2	W	3	cm	2	46	39	-		
Spurn Head ...	30.84	39	SW	2	b	30.86	+ .03	37	37	- 2	SW	2	b	1	41	36	-		
York ...	30.86	43	W	1	b	30.89	+ .04	36	30	- 8	Z	0	f	*	47	30	-		
Nottingham ...	30.91	34	SW	2	b	30.92	+ .02	34	34	- 6	SW	1	f	*	41	31	-		
†Ardrossan ...	30.79	46	SW	3	c	30.85	+ .07	46	46	0	SW	3	of	2	47	44	0.03		
†Mullaghmore ...	30.78	47	SW	3	o	30.85	+ .11	49	47	+ 5	SW	4	om	3	52	44	-		
Donaghadee ...	30.81	41	SSW	2	b	30.88	+ .07	44	44	+ 1	ESE	1	c	0	47	39	-		
Parsonstown ...	30.87	42	SSE	1	b	30.92	+ .09	31	31	- 7	Z	0	b	*	49	31	-		
Barrow-in-Furness ...	30.85	44	SSW	2	o	30.87	+ .02	42	41	+ 2	SSW	2	o	2	44	?	-		
†Holyhead ...	30.86	47	SSW	2	m	30.90	+ .05	45	44	- 2	SW	1	b	0	47	44	-		
Liverpool (Bidston) ...	30.88	43	SSE	1	o	30.91	+ .02	42	41	+ 4	SW	1	b	1	44	38	-		
†Valencia ...	30.85	48	SE	4	b	30.90	+ .08	47	45	- 2	SE	3	om	3	52	41	-		
Roche's Point ...	30.86	47	SSW	1	c	30.91	+ .09	46	44	- 3	NNW	1	o	3	51	40	-		
Pembroke ...	30.91	43	ESE	1	m	30.95	+ .09	42	40	- 3	E	1	o	0	45	41	-		
†Scilly ...	30.85	48	ESE	2	o	30.91	+ .08	47	45	- 1	Z	0	o	4	51	46	-		
Prawle Point ...	30.91	42	ESE	3	c	30.96	+ .07	40	39	- 4	N	1	o	1	45	38	-		
Hurst Castle ...	30.93	38	ESE	1	o	30.95	+ .03	29	29	- 10	NE	1	f	2	43	28	-		
†Dover ...	30.92	36	W	1	om	30.94	+ .00	31	31	- 5	WNW	1	of	0	38	30	-		
†London ...	30.95	32	Z	0	o	30.96	+ .02	31	31	- 1	WSW	1	f	*	35	30	-		
Oxford ...	30.95	34	WSW	1	f	30.97	+ .04	32	32	- 2	Z	0	f	*	35	32	-		
Cambridge ...	30.91	35	Z	0	o	30.95	+ .03	34	34	0	SW	1	of	*	37	33	-		
†Yarmouth ...	30.88	34	S	1	f	30.90	+ .01	34	34	0	W	2	f	2	35	32	-		
The Helder ...	30.88	39	SW	1	o	30.88	-.02	40	39	+ 9	W	1	o	1	41	30	-		
Cape Gris Nez ...	30.93	32	E	1	m	30.94	+ .01	35	34	+ 7	SE	1	b	0	?	27	-		
†Jersey ...	30.93	35	S	2	f	30.95	+ .03	35	35	- 1	NE	2	f	2	36	32	-		
Brest ...	30.88	41	Z	0	m	30.87	+ .02	35	32	- 5	ESE	3	b	5	45	32	-		
Lorient ...	30.85	41	ESE	3	b	30.84	-.02	36	34	+ 3	E	4	b	2	45	30	-		
†Rochefort ...	30.76	41	E	4	b	30.64	-.14	30	28	- 1	E	5	b	2	50	25	-		
Biarritz ...	30.77	50	E	4	b	30.78	+ .00	44	39	+ 1	SSE	4	b	3	57	36	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
Brussels ...	*	*	*	*	*	30.96	+ .01	27	27	- 1	ESE	1	f	*	30	26	-		
Charleville ...	30.93	27	SW	1	f	30.88	-.03	23	20	- 3	NW	1	f	*	31	22	-		
Paris ...	30.94	32	ESE	3	o	30.95	+ .02	27	26	- 2	ESE	1	m	*	*	*	-		
Lyons ...	30.95	25	NW	1	f	30.94	+ .00	25	25	- 2	NNW	1	f	*	28	25	-		
†Toulon ...	30.73	51	NW	5	b	30.75	+ .07	54	40	+ 5	Z	0	b	2	57	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.58	40	WSW	2	b	29.61	+ .05	38	31	+ 1	NW	1	b	*	40	33	-		

## HIGH LEVEL STATION.

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

Hawes Junction	29.59	40	WSW	2	b	29.61	+ .05	38	37	+ 1	NW	1	b	*	40	33	-
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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 ...	30.64	43	42	SSW	4	o f	4	Valencia ...	30.82	52	49	SE	4	b m	5
Sumburgh Head	30.47	49	47	WSW	5	o	4	Scilly ...	30.85	49	46	ESE	4	o	4
Stornoway ...	30.57	49	48	SSW	6	d	6	Dover ..	30.92	38	37	SW	1	c	0
Aberdeen ...	30.66	44	42	Z	o	m	1	London ...	30.92	35	35	Z	o	og f	*
Shields ...	30.79	46	44	W	4	o	2	Yarmouth ...	30.87	34	34	WSW	1	m	2
Ardrossan ...	30.78	47	46	SSW	3	c	2	Jersey ...	30.95	35	35	SE	1	f	1
Mullaghmore ...	30.76	51	48	SW	4	b c	4	Rochefort ...	30.78	45	42	E	5	b	2
Holyhead ...	30.86	47	46	SSW	2	m g	1								

There has been comparatively little change since the morning and it is probable that the highest barometric reading now been recorded. The weather remains dull and foggy generally, but has cleared 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). † Received too late for insertion in Charts.





# DAILY WEATHER REPORT

F O R

THURSDAY, 19<sup>TH</sup> JANUARY.

1882

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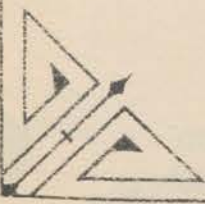
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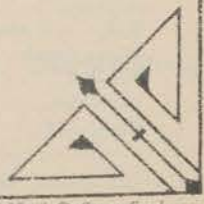
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ROBERT H. SCOTT  
(SECRETARY.)



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# WEATHER CHARTS

for 8 a.m. on Thursday, 19<sup>th</sup> JANUARY.

## 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.

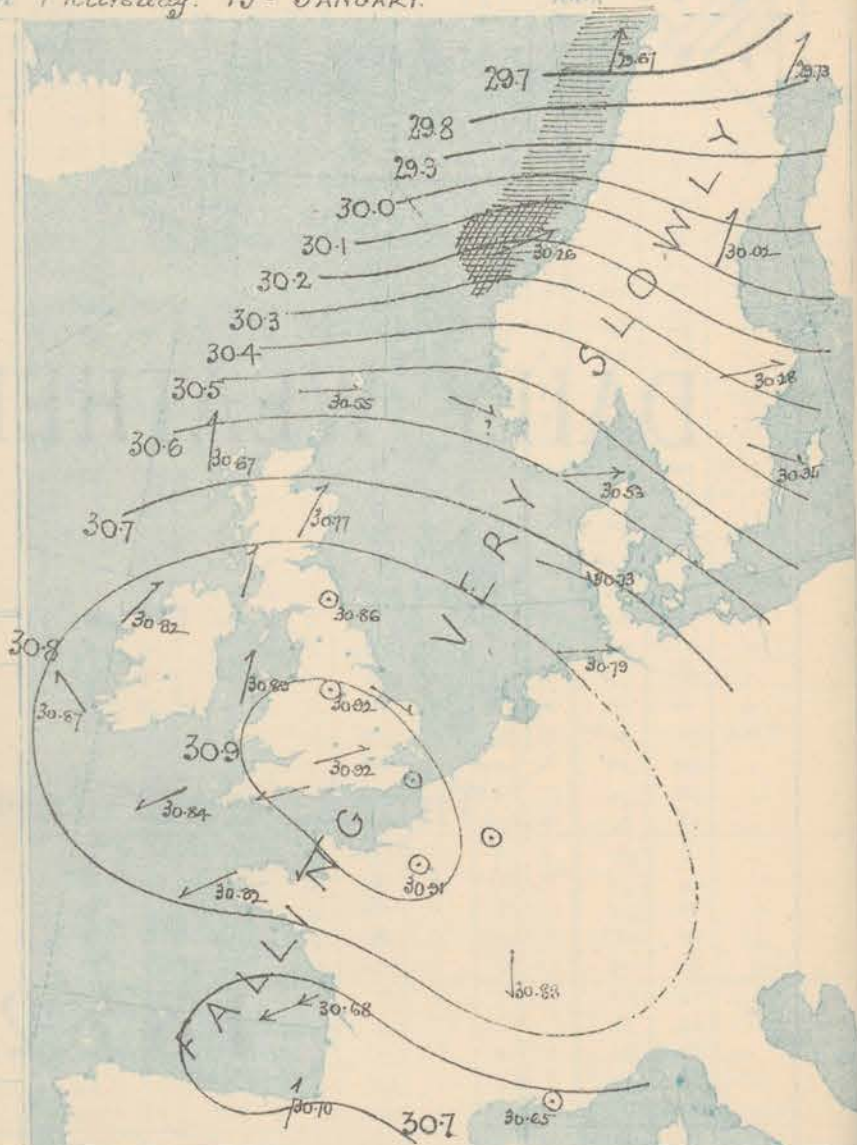
Sea Disturbance where considerable, is shown by shading round the coast, thus — Rough — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January.

Stations	Mean Readings
Norwich	29.624
Aberdeen	29.627
Leith	29.640
Scarborough	29.700
Aldershot	29.629
Gloucester	29.650
Holyhead	29.700
Valencia	29.720
Roscoe P.	29.760
Plymouth	29.860
LONDON	29.869
Wormouth	29.897

\* 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.

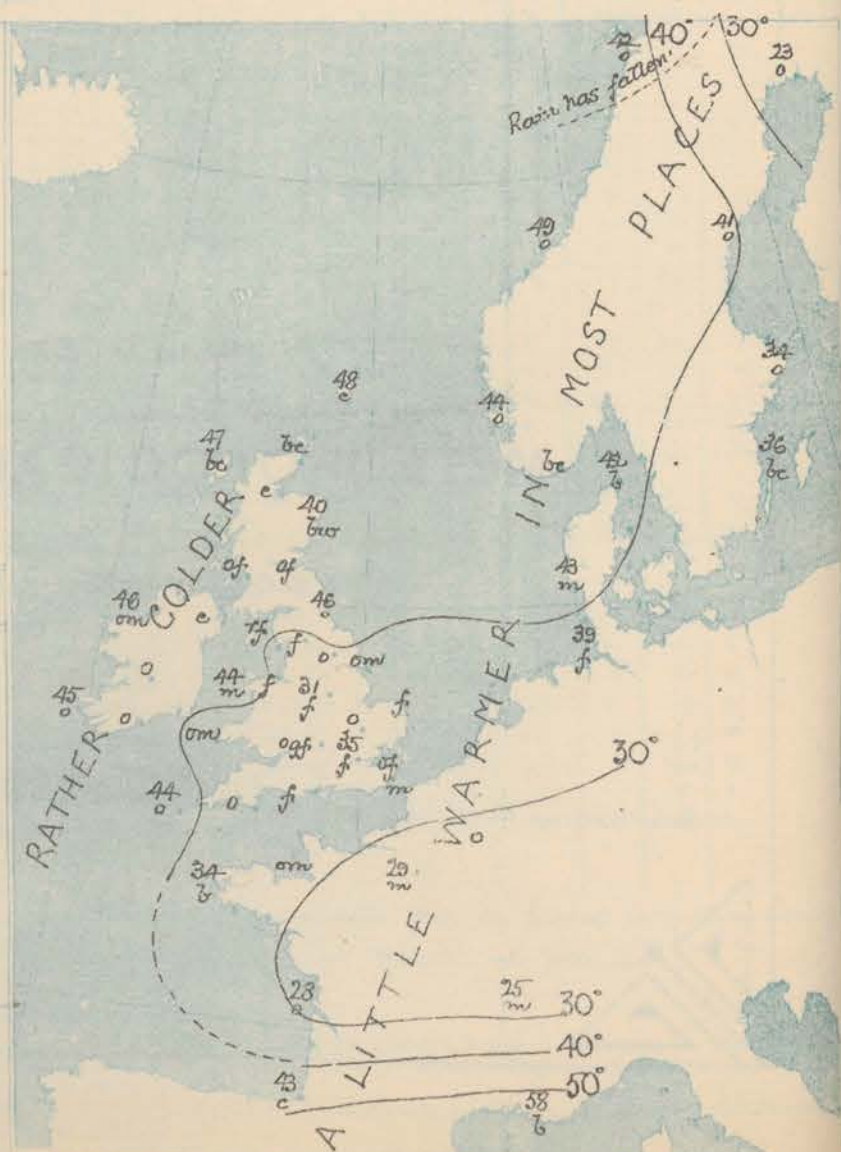
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January.

Stations	Temp	Rain-fall
Scarborough Head	39.0	3.00
Norwich	39.5	5.70
Aberdeen	37.0	2.70
Stirling	37.5	1.98
Leek	37.7	1.89
Millington	40.4	?
Holyhead	41.3	0.27
Portsmouth	39.6	3.67
Valencia	39.0	7.70
Sally (St Mary's)	40.2	5.18
Hurst Castle	40.4	?
Dover	36.3	3.50
LONDON	38.8	2.63
Wormouth	37.3	2.64

\* The mean Temperatures are those for the 10 years 1867-76; the mean amounts of Rain are those for the 10 years 1866-75.





# REMARKS

for Thursday 19<sup>th</sup> JAN<sup>y</sup>

1882 at 8 a.m.

The steady increase of pressure which has been in progress during the past few days seems now to have ceased, and the large anticyclone, which has advanced over us shows signs of giving way. Pressure is, however, still very high in the S., readings ranging from 30.93 ins. at Oxford to 29.67 ins. in the N. of Norway and to 30.68 ins. at Rochefort. Light variable breezes prevail within the area of highest pressure i.e. over the Central and SE parts of England and the NE. of France, while E<sup>l</sup> winds are reported over France and the Channel, and S<sup>l</sup> winds from all the more N. parts of the United Kingdom and the whole of Scandinavia. Gale winds are blowing both at Rochefort and Christiansund, but elsewhere the wind is light or moderate. Temperature has risen on the E. shores of the North Sea, and the greater part of France and the SE. of England, but has fallen elsewhere, readings range over these islands from 48° in the Orkneys to 31° at Nottingham and Hurst Castle. On the Continent the highest readings are 49° at Christiansund and 38° at Toulon, while the lowest are 25° at Lyons and 23° at Haparanda. The weather remains dull and foggy except in parts of Scotland and France, where the sky has cleared. The only rain over the whole of our area during the past 24 hours has been at Bods, but in many places there has been thick wet fog. The sea is nearly smooth except off the Norwegian coast.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the  
20<sup>th</sup> JANUARY.

ISSUED AT 11 a.m. on previous day

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Winds between S and W., increasing; fair to rain.	6 SCOTLAND WEST	Same as N° 1.
2 SCOTLAND EAST	Light W <sup>ly</sup> to SW <sup>ly</sup> winds; dull and foggy then fair.	7 ENGLAND NW	S <sup>ly</sup> breezes, light to moderate; foggy to fair.
3 ENGLAND NE	----- D° ----- D° ----- D° -----	8 ENGLAND SW	E <sup>ly</sup> and SE <sup>ly</sup> winds, moderate; dull, misty.
4 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	S <sup>ly</sup> and SW <sup>ly</sup> winds, increasing; fair then rain.
5 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	SE <sup>ly</sup> to S <sup>ly</sup> winds, increasing; fair then rain.
6 ENGLAND SOUTH	Light variable breezes or calms, with dull, foggy weather, then SE <sup>ly</sup> to SW <sup>ly</sup> breezes, weather clearing.	WARNINGS	
		NONE ISSUED.	



# METEOROLOGICAL OBSERVATIONS FOR

19<sup>th</sup> JAN<sup>y</sup>

1882

† 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 3).	SHADE TEMP.		Amount of Rainfall.					
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.						
Haparanda	29.72	28	NW	4	6	29.73	+ 1.7	23	22	- 14	SW	2	0	*	37	9	-					
Hernösand	30.16	41	WNW	2	6	30.02	- 1.2	41	36	0	SW	2	0	*	46	26	-					
Stockholm	30.41	35	W	2	0	30.28	- 0.8	34	32	- 2	W	2	0	*	39	34	-					
Wisby	30.45	37	SW	2	6	30.35	- 0.7	36	35	- 2	WNW	4	6	*	41	34	-					
Bodö	29.95	37	NW	8	0	29.67	- 0.8	42	41	+ 4	SW	6	0	*	?	28	0.32					
Christiansund	30.36	44	WSW	9	0	30.26	- 1.3	49	47	+ 5	WSW	9	0	†	?	34	-					
†Skudesnaes	30.65	39	ESE	1	f	30.65	- 0.4	44	43	+ 2	WNW	4	0	2	?	39	-					
Oxö (Christiansund)	30.61	39	WSW	4	0	30.54	- 0.3	47	45	+ 5	W	4	6	2	?	37	-					
Skagen (The Skaw)	30.54	39	WNW	4	0	30.53	- 0.1	42	42	0	W	5	6	5	43	36	-					
Fanö	30.73	41	W	4	m	30.73	0.0	43	42	+ 3	WNW	4	m	*	43	39	-					
Cuxhaven	30.81	?	W	3	f	30.79	- 0.1	39	39	+ 3	W	3	f	*	?	30	-					
†Sumburgh Head	30.56	49	W	4	m	30.55	- 0.8	48	46	+ 3	W	4	c	4	49	40	0.01					
†Stornoway	30.69	48	SW	3	6	30.67	+ 0.1	47	45	- 2	S	4	6	3	51	45	-					
Wick	30.69	48	SW	2	6	30.69	0.0	42	41	- 4	NW	1	6	2	51	41	-					
Nairn	30.72	50	SW	3	6	30.73	+ 0.3	46	43	- 5	SW	2	c	2	52	46	-					
†Aberdeen	30.75	45	SW	1	6	30.77	+ 0.3	40	38	- 2	SW	1	6	1	55	38	-					
Leith	30.84	49	W	1	0	30.84	+ 0.2	44	43	- 3	W	1	0	*	49	42	-					
†Shields	30.86	47	WNW	3	0	30.86	+ 0.2	46	44	+ 5	W	1	0	2	48	40	-					
Spurn Head	30.88	40	WNW	1	6	30.88	+ 0.2	39	39	+ 2	NE	2	0	1	44	34	-					
York	30.89	41	SSW	1	6	30.88	- 0.1	38	38	+ 2	S	1	0	*	44	30	-					
Nottingham	30.92	32	Z	0	f	30.92	0.0	31	31	- 3	Z	0	f	*	38	29	-					
†Ardrossan	30.87	46	Z	0	f	30.85	0.0	44	44	- 2	SSW	2	0	†	47	43	-					
†Mullaghmore	30.87	45	WSW	1	6	30.82	- 0.3	46	43	- 3	SW	2	0	1	50	44	-					
Donaghadee	30.90	46	S	1	c	30.89	- 0.1	37	37	- 7	W	2	c	0	50	35	-					
Parsonstown	30.93	42	Z	0	0	30.87	- 0.5	42	40	+ 11	S	1	0	*	48	30	-					
Barrow-in-Furness	30.89	43	E	2	f	30.88	+ 0.1	42	41	0	E	2	0	1	45	39	-					
†Holyhead	30.93	44	SW	2	6	30.89	- 0.1	44	42	- 4	SSW	1	m	0	50	39	-					
Liverpool (Bidston)	30.93	44	W	1	0	30.89	- 0.2	40	39	- 2	SSW	1	f	1	47	36	-					
†Valencia	30.89	48	SSE	2	0	30.87	- 0.3	45	43	- 2	SE	2	0	3	50	45	-					
Roché's Point	30.93	45	Z	0	0	30.90	- 0.1	44	42	- 2	SE	1	0	3	49	43	-					
Pembroke	30.94	44	NE	1	0	30.89	- 0.6	38	38	- 4	ENE	1	0	0	44	37	-					
†Scilly	30.92	45	ENE	2	0	30.84	- 0.7	44	42	- 3	ENE	4	0	4	47	43	-					
Prawle Point	30.94	37	WNW	1	0	30.89	- 0.7	36	36	- 4	NE	3	0	3	41	34	-					
Hurst Castle	30.95	30	NE	1	f	30.91	- 0.4	31	31	+ 2	ENE	2	f	2	39	28	-					
†Dover	30.94	36	SSW	1	0	30.91	- 0.3	37	37	+ 6	ENE	3	0	1	38	30	-					
†London	30.95	33	Z	0	0	30.92	- 0.4	35	35	+ 4	WSW	1	f	*	35	30	-					
Oxford	30.96	33	WNW	1	f	30.93	- 0.4	32	31	0	Z	0	f	*	35	31	-					
Cambridge	30.93	35	W	1	0	30.91	- 0.4	33	32	- 1	Z	0	0	*	38	31	-					
†Yarmouth	30.91	34	WNW	1	f	30.89	- 0.1	35	34	+ 1	WNW	2	f	2	36	31	0.01					
The Helder	30.88	41	W	1	0	?	?	36	35	- 4	?	1	f	?	?	34	-					
Cape Gris Nez	30.93	36	Z	0	m	30.91	- 0.3	40	39	+ 5	ENE	1	m	0	?	34	-					
†Jersey	30.94	40	NE	2	0	30.88	- 0.7	39	39	+ 4	NE	3	0	3	40	34	-					
Brest	30.86	35	E	4	6	30.82	- 0.5	34	34	- 1	ENE	3	6	4	45	32	-					
Lorient	30.80	41	E	4	6	30.77	- 0.7	36	35	0	ENE	5	6	2	46	34	-					
†Rochefort	30.74	34	ENE	7	6	30.68	+ 0.4	23	27	- 2	ENE	8	0	4	45	23	-					
Biarritz	30.72	47	N	3	6	30.70	- 0.8	43	39	- 1	SSW	4	c	3	54	37	-					
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
Brussels	*	*	*	*	*	30.91	- 0.5	34	32	+ 7	SE	1	0	*	?	2	0.04					
Charleville	30.87	30	SE	1	6	30.86	- 0.2	28	26	+ 5	NE	1	0	*	41	21	-					
Paris	30.93	39	ENE	3	0	30.91	- 0.4	29	28	+ 2	Z	0	m	*	*	*	-					
Lyons	30.91	44	ENE	1	m	30.88	- 0.6	25	24	0	N	1	m	*	28	21	-					
Toulon	30.69	54	Z	0	6	30.68	- 1.0	52	43	+ 4	Z	0	6	1	?	54	-					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	29.63	39	WSW	1	c	29.60	- 0.1	37	37	- 1	W	1	f	*	41	37	-					

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


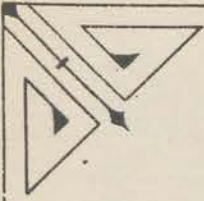
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeanaes ...	30.69	40	40	Z	0	f	3	Valencia ...	30.92	50	47	ENE	3	0 m	4
Sumburgh Head	30.61	47	46	WSW	3	2	3	Scilly ...	30.92	47	44	ENE	2	0	5
Stornoway ...	30.72	51	50	WSW	4	0	3	Dover ...	30.93	36	36	W	1	0 f	0
Aberdeen ...	30.76	50	48	WSW	1	6 c	1	London ...	30.94	38	34	W	1	0 f	*
Shields ...	30.85	48	47	WNW	5	c	2	Yarmouth ...	30.88	36	36	WNW	2	5	2
Ardrossan ...	30.81	47	46	SW	3	0	2	Jersey ...	30.94	39	39	ENE	2	0	2
Mullaghmore ...	30.89	50	47	SW	3	0	3	Rochefort ...	30.78	40	37	ENE	3	6	2
Holyhead ...	30.93	48	47	SW	2	6	2								

There has been very little change since the morning; the barometer remains very high, and dull, foggy weather prevails with light variable winds. Temperature ranges from 50° at Valencia and 51° at Stornoway to 35° 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

FRIDAY 20<sup>TH</sup> JANUARY

1882

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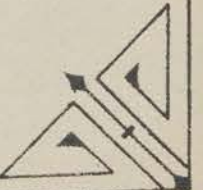
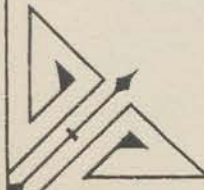
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ROBERT H. SCOTT

(SECRETARY.)

*Fred<sup>s</sup> Dangerfield Lith 22 Bedford St. Court Garden.*



# WEATHER CHARTS

for 8 a.m. on Friday 20<sup>th</sup> JANUARY

## 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 heads and feathers refer to force, thus:  
 → force above 10; → force 8 to 10  
 → force 5 to 7; → force 1 to 4.

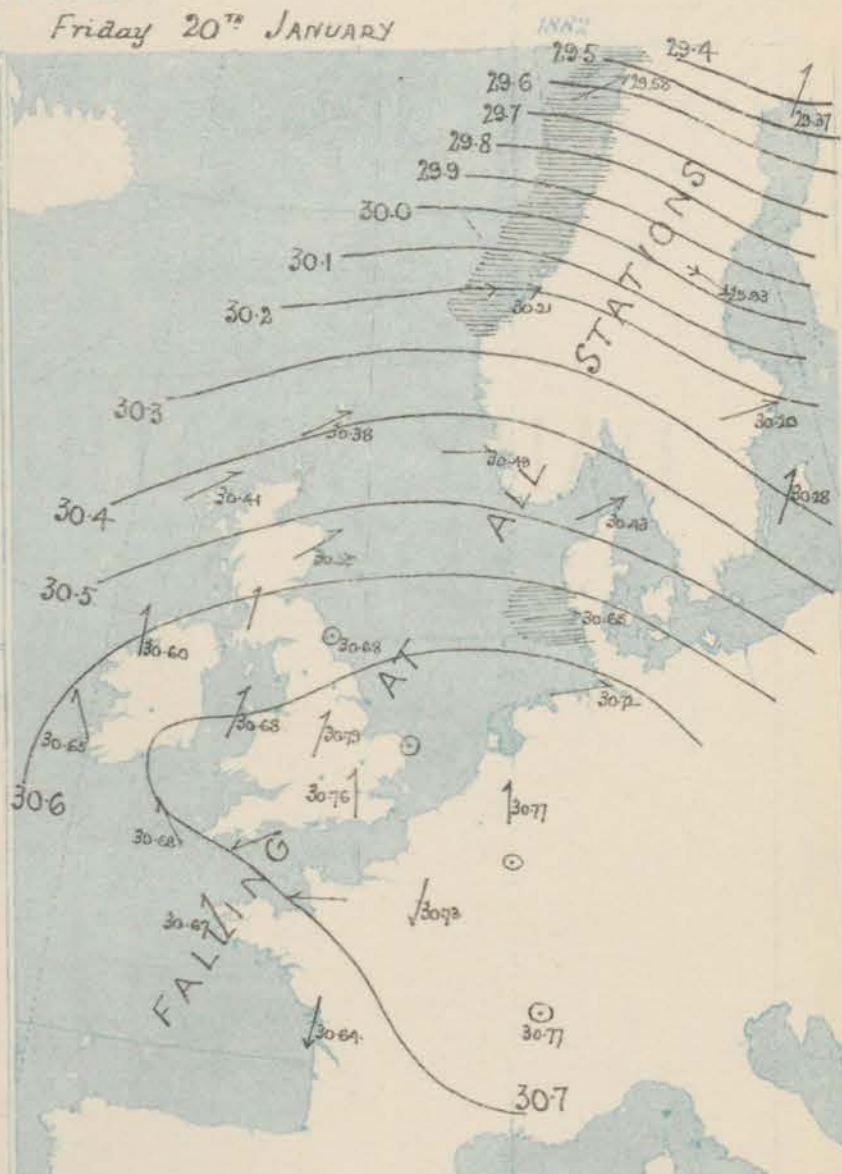
☉ dead calm.

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

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

Station	Mean Readings
Nairn	29.58
Aberdeen	29.62
Leith	29.64
Scarborough	29.70
Ardrossan	29.67
Greenock	29.65
Holyhead	29.70
Valencia	29.72
Reclus Pt	29.75
Plymouth	29.80
LONDON	29.82
Vermouth	29.85

\* 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.

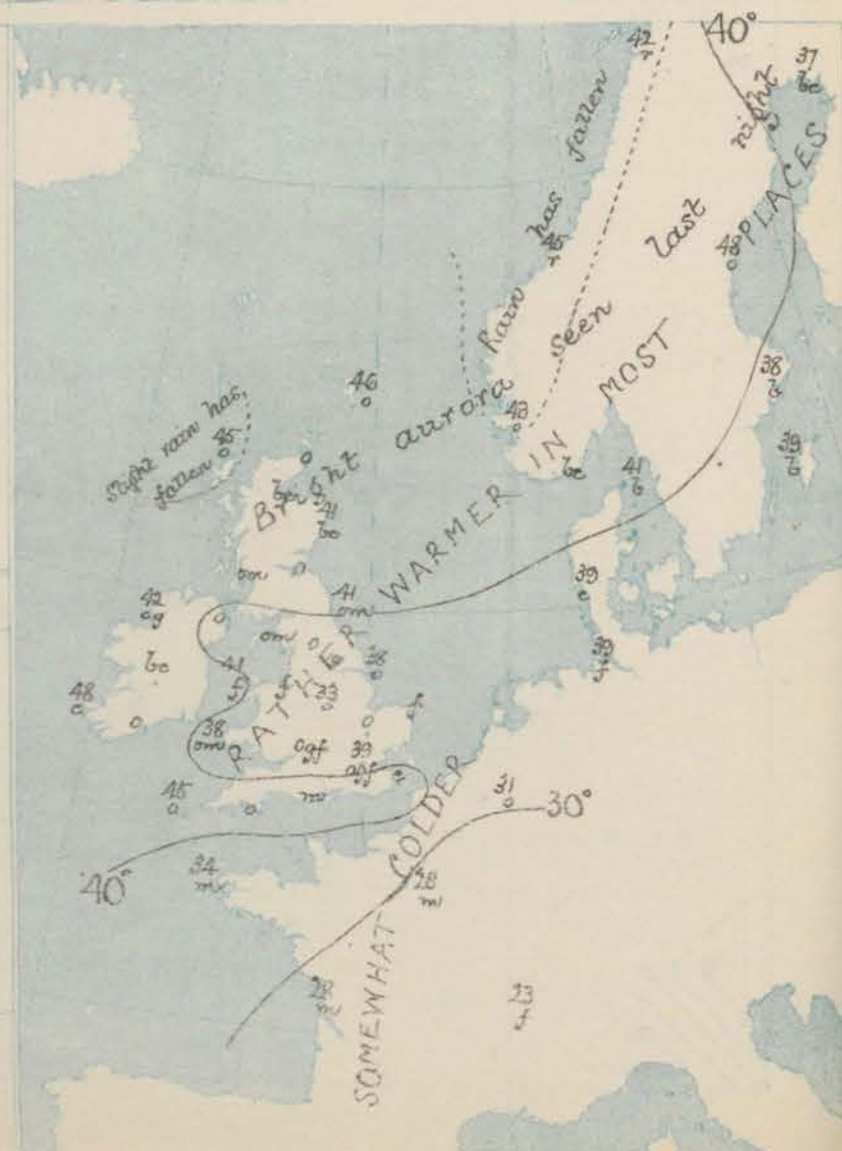
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

### MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp	Rain Fall
Scarborough Head	39.0	1.10
Stornoway	39.3	5.79
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullingham	40.4	?
Holyhead	41.3	4.37
Portsmouth	39.6	1.62
Valencia	43.1	7.70
Salle St Mary's	45.2	5.38
West Castle	40.4	?
Dover	38.1	3.56
LONDON	38.8	2.63
Vermouth	37.3	2.68

\* The mean Temperature are those for the 17 years 1857-73; the mean amounts of rain are those for the 10 years 1866-75.





## REMARKS

FRIDAY 20<sup>th</sup> JAN<sup>y</sup>

1882 at 8 " "

The weather is changing very slowly. The area of high pressure is gradually giving way, and the barometer is falling over the whole of W<sup>th</sup> Europe, the decrease varying from about 0.4 in. at Christiansund to 0.13 in. over Central England and 0.07 in. over N. Germany. An area of high pressure still lies over England, the Channel, and the Netherlands, while a large depression is appearing in the extreme N. The winds are light and variable over the greater part of England, while light or moderate breezes from E. are reported over France and the Channel, from S. in Ireland and Scotland, and strong W<sup>th</sup> winds or gales in Scandinavia. Temperature has risen except in the N., and ranges over these Islands from 48° at Valencia and 46° at Sumburgh Head to 33° at Nottingham. In Scandinavia the weather is very mild, 48° being reported at Hernand and 45° at Christiansund. The weather is fine in parts of Scotland, as well as over Denmark and S. Sweden, but is dull and gloomy elsewhere with much fog and mist. There has been no rainfall except at Stornoway and in the N. of Norway. Bright aurora was observed in NW<sup>th</sup> Europe last night.

The sea is moderate to smooth on our coast, but rough off the N. of Norway and in the Skagerrack.

MAP SHOWING DISTRICTS.



## FORECASTS

for the 24 hours ending at Noon  
on the

21<sup>st</sup> JANUARY.

ISSUED AT 11 a.m. on previous day

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SW <sup>ly</sup> winds, moderate and fresh; cloudy and fair, but mild.	6 SCOTLAND WEST	SW <sup>ly</sup> winds, moderate to fresh; dull, foggy, mild.
2 SCOTLAND EAST	D° ——— D° ——— D°	7 ENGLAND N.W.	D° ——— D° ——— D°
3 ENGLAND N.E.	Calms and light W <sup>ly</sup> winds; dull and misty.	8 ENGLAND S.W.	E <sup>ly</sup> to SE <sup>ly</sup> winds, moderate; dull, mist or fog.
4 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	SE <sup>ly</sup> (SE-SW) winds, moderate; cloudy, fair, mild.
5 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	D° ——— D° ——— D°
6 ENGLAND SOUTH	Light variable winds; cloudy, gloomy, foggy.	WARNINGS NONE ISSUED.	



# METEOROLOGICAL OBSERVATIONS FOR

20<sup>th</sup> JAN<sup>y</sup>

1882

† 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 ...	29.47	38	SW	4	b c	29.57	- .36	37	36	+ 14	SW	4	b c	*	39	21	-	
Hernösand ...	29.98	48	WNW	6	b c	29.93	- .09	48	41	+ 7	WNW	8	o	*	54	34	-	
Stockholm ...	30.25	40	WSW	4	b c	30.20	- .08	38	36	+ 4	W	4	b	*	43	34	-	
Wisby ...	30.31	32	NW	4	b	30.28	- .07	39	38	+ 3	SW	2	b	*	43	32	-	
Bodö ...	30.63	41	SW	8	o	29.58	- .09	42	41	o	W	8	n	6	43	39	-	
Christiansund ...	30.18	48	WSW	9	1	30.21	- .05	45	43	- 4	W	9	1	7	36	36	0.20	
†Skudesnaes ...	30.63	43	W	2	b c	30.49	- .16	43	42	- 1	W	2	o	2	46	43	0.04	
Oxö (Christiansund) ...	30.56	43	WSW	4	c	30.47	- .07	41	40	- 6	WSW	2	b c	1	48	39	-	
Skagen (The Skaw) ...	30.51	43	W	5	b	30.43	- .10	41	40	- 1	WSW	5	b	5	45	39	-	
Fanö ...	30.72	42	W	4	o	30.65	- .08	39	39	- 4	W	4	c	*	43	39	-	
Cuxhaven ...	30.77	?	WNW	2	f	30.72	- .07	39	39	o	WNW	2	f	*	39	30	-	
†Sumburgh Head ...	30.50	48	W	5	o	30.38	- .17	46	43	- 2	WSW	4	o	4	49	44	-	
†Stornoway ...	30.62	47	S	4	d	30.41	- .26	45	43	- 2	SW	4	o	4	49	44	0.01	
Wick ...	30.73	40	SW	1	b	30.45	- .24	42	41	o	SSW	4	o	2	50	38	-	
Nairn ...	30.67	45	Z	0	b	30.49	- .24	45	42	- 1	SW	1	b c	1	48	42	-	
†Aberdeen ...	30.71	44	SW	1	o	30.55	- .22	41	39	+ 1	SW	1	b c	1	48	38	-	
Leith ...	30.77	46	SW	1	b	30.60	- .24	43	41	- 1	WNW	1	o	*	50	41	-	
†Shields ...	30.80	44	NW	2	b c	30.68	- .18	41	39	- 5	Z	0	om	2	47	39	-	
Spurn Head ...	30.83	40	WSW	2	b	30.73	- .15	38	37	- 1	WSW	3	o	2	41	37	-	
York ...	30.83	34	SSE	1	f	30.73	- .15	36	35	- 2	S	1	o	*	43	33	-	
Nottingham ...	30.86	39	W	1	o	30.79	- .13	33	33	+ 2	SW	2	o	*	42	31	-	
†Ardrossan ...	30.77	45	SW	2	of	30.62	- .23	43	43	- 1	SSW	3	om	2	45	42	-	
†Mullaghmore ...	30.76	47	SW	3	o	30.60	- .22	42	40	- 4	S	4	og	3	48	39	-	
Donaghadee ...	30.81	43	SW	2	o	30.67	- .22	39	38	+ 2	SW	2	o	0	45	35	-	
Parsonstown ...	30.80	42	S	1	c	30.68	- .19	41	40	- 1	Z	0	b c	*	46	35	-	
Barrow-in-Furness ...	30.81	41	ESE	2	o	30.49	- .49	38	38	- 4	SSE	3	om	2	42	38	-	
†Holyhead ...	30.81	42	SW	2	o	30.68	- .21	41	39	- 3	SSW	3	f	2	46	40	-	
Liverpool (Bidston) ...	30.83	40	SE	1	o	30.72	- .17	35	34	- 5	SE	2	f	1	41	35	-	
†Valencia ...	30.77	46	ESE	3	om	30.65	- .22	48	45	+ 3	SSE	4	c	4	49	44	-	
Roche's Point ...	30.79	45	ESE	1	o	30.70	- .20	47	44	+ 3	S	3	o	4	47	42	-	
Pembroke ...	30.81	41	E	1	m	30.73	- .16	38	37	o	ESE	1	om	0	41	36	-	
†Scilly ...	30.76	45	E	5	o	30.68	- .16	45	44	+ 1	SE	4	o	4	47	42	-	
Prawle Point ...	30.82	40	ENE	3	o	30.71	- .18	42	40	+ 6	ENE	3	o	2	43	35	-	
Hurst Castle ...	30.85	36	NE	2	f	30.74	- .17	41	39	+ 10	SSE	1	m	2	41	30	-	
†Dover ...	30.85	46	ENE	2	o	30.75	- .16	42	40	+ 5	ESE	2	c	1	48	37	-	
†London ...	30.86	39	ESE	1	og	30.76	- .16	39	38	+ 4	S	1	og	*	41	34	-	
Oxford ...	30.86	36	SE	1	o	30.77	- .16	38	36	+ 6	Z	0	og	*	38	32	-	
Cambridge ...	30.85	35	Z	0	o	30.76	- .15	38	38	+ 5	Z	0	o	*	40	31	-	
†Yarmouth ...	30.83	40	WNW	1	f	30.75	- .14	39	39	+ 4	Z	0	f	1	40	34	-	
The Helder ...																		
Cape Gris Nez ...	30.86	40	ENE	1	m	30.73	- .18	39	39	- 1	E	1	o	0	43	37	-	
†Jersey ...	30.81	35	ENE	3	Om	30.73	- .15	32	32	- 7	E	3	m	3	40	31	-	
Brest ...	30.72	40	E	4	b	30.67	- .15	34	32	o	SSE	3	m	2	48	30	-	
Lorient ...	30.70	42	ENE	4	b	30.64	- .13	50	30	- 6	ESE	3	m	2	43	28	-	
†Rochefort ...	30.67	32	E	7	o	30.64	- .04	28	27	o	NE	7	m	4	43	27	-	
Biarritz ...																		
Corunna ...	*	*	*	*	*				*						*	*	*	
Brussels ...	*	*	*	*	*	30.77	- .14	31	31	- 3	S	1	o	*	39	30	-	
Charleville ...	30.81	30	SE	4	b	30.74	- .12	25	23	- 3	SE	1	o	*	41	22	-	
Paris ...	30.85	31	ENE	4	o	30.73	- .18	28	27	- 1	ENE	3	m	*	*	*	-	
Lyons ...	30.83	25	NNW	1	f	30.77	- .11	23	23	- 2	NNW	1	f	*	27	23	-	
Toulon ...																		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction ...	29.53	38	WSW	1	o	29.40	- .20	33	33	- 4	WSW	2	om	*	39	33	-	

## HIGH LEVEL STATION.

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

Hawes Junction	29.53	38	WSW	1	o	29.49	- .20	33	33	- 4	WSW	2	om	*	39	33	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

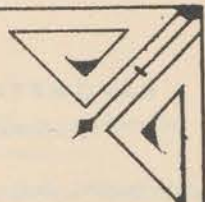
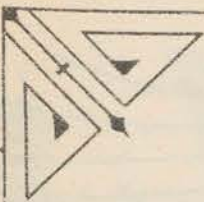
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.62	46	45	W	4	o	2	Valencia ...	30.81	47	43	ESE	3	om	3
Sumburgh Head	30.54	43	45	W	4	c	4	Scilly ...	30.79	47	45	ESE	4	o	4
Stornoway ...	30.64	49	46	SSW	4	c	3	Dover ..	30.86	42	41	NE	2	of	1
Aberdeen ...	30.72	46	44	NW	2	b	2	London ...	30.88	41	40	SE	2	o	*
Shields ...	30.81	46	44	NW	2	b	2	Yarmouth ...	30.84	40	39	WNW	2	f	2
Ardrossan ...	30.81	45	45	SSW	2	o	1	Jersey ...	30.83	38	38	ENE	3	c	3
Mullaghmore ...	30.78	47	44	S	4	o	3	Rocheport ...	30.67	37	35	ENE	7	m	4
Holyhead ...	30.85	43	41	SW	2	mg	1								

Pressure is decreasing everywhere and the anticyclone, now 30.8 ins., lies over England and Ireland. The winds are light and the weather cloudy and foggy.

## 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

SATURDAY 21<sup>st</sup> JANUARY.

1882

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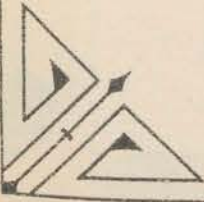
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on SATURDAY 21<sup>ST</sup> JANUARY.

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 force, thus: — forces above 10; — forces 8 to 10; — forces 5 to 7; — forces 1 to 4; ○ — dead calm.

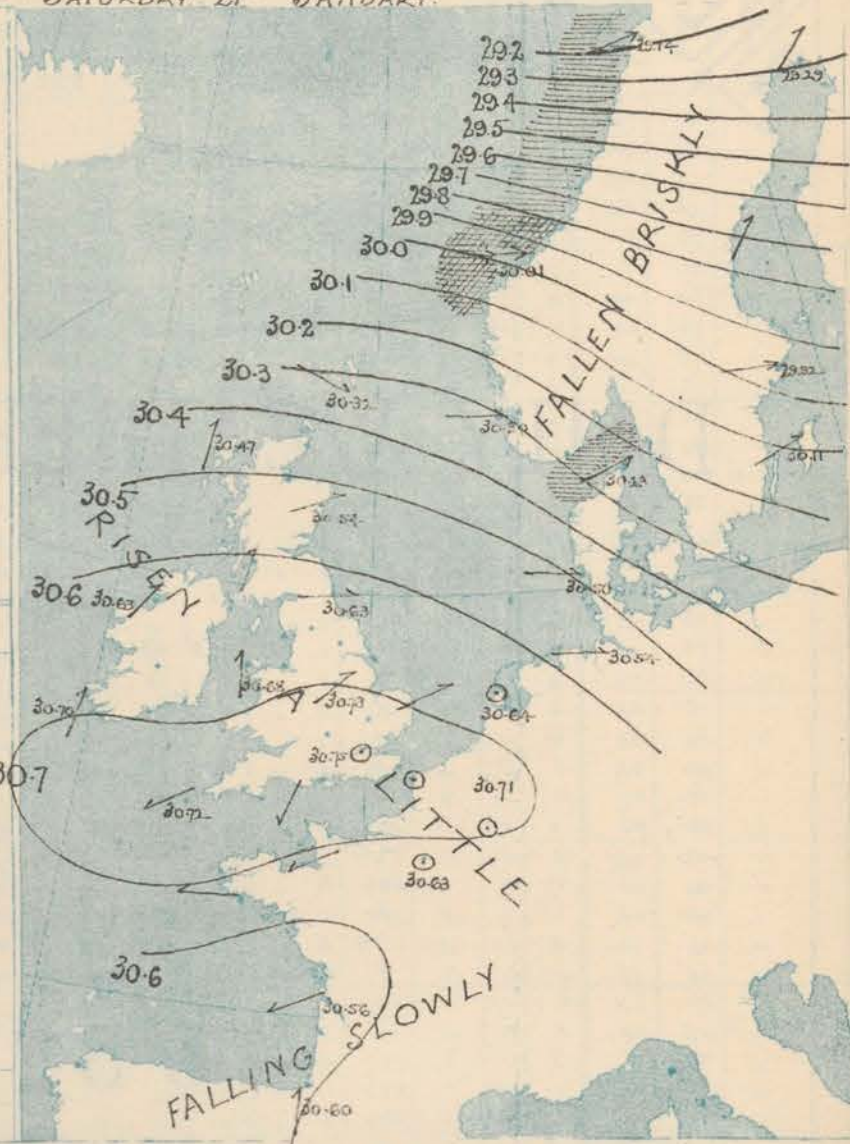
Sea Disturbances where considerable is shown by shading round the coast; thus — Rough, — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings Ins.
Nairn	29.584
Aberdeen	29.627
Leith	29.660
Scarborough	29.706
Ardrossan	29.678
Greenock	29.651
Holyhead	29.730
Valentia	29.724
Roches Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.897

\* 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.

Balls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp	Rain-fall
Scarlburgh Head	39.0	3.00
Stranraer	39.3	5.73
Aberdeen	37.0	2.76
Stirling	32.5	1.98
York	37.7	1.89
Malborough	40.4	0
Holyhead	47.3	1.27
Parsnattown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.18
Thurst Castle	40.4	0
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.04

\* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866-75.





# REMARKS

for Saturday 21<sup>st</sup> JAN<sup>y</sup> 1883 at 8 a.m.

There has been a slight increase of pressure over nearly the whole of these Islands during the past night, but on the Continent the decrease recently noticed has continued, while at Valencia a fresh fall has commenced since 10pm. The area of high pressure, within which readings still exceed 30.7 ins. holds steadily over the S<sup>r</sup> portion of the British Islands, the Channel and N. of France, while a shallow depression lies over the Bay of Biscay, and a much larger and deeper one over Lapland. Within the region of highest pressure light E<sup>ly</sup> or variable breezes are reported, while light SW<sup>ly</sup> to W<sup>ly</sup> breezes prevail over the W<sup>r</sup> and N<sup>r</sup> coasts of the United Kingdom, and rather strong W<sup>r</sup> winds in Scandinavia. The weather is fine in Scotland, the E. of England, and the S. of Sweden, but is dull elsewhere with some fog or mist. Slight rain has fallen in the extreme N. and W. apparently during the night. Temperature has risen a little in the W. and NW. but fallen generally, and readings range at present from 49° at Valencia to 30° at Nottingham and 26° at Paris. There was considerable variability in the maxima yesterday the highest readings at Nottingham being 38°, at Jersey 37° and at Oxford 38°, while the thermometer at Valencia rose to 50°, and at Sumburgh to 47°. Sea is slight round our coast, rough at Bodø, Christiansund, and Skagen.

# FORECASTS

for the 24 hours ending at Noon  
on the

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

MAP SHOWING  
DISTRICTS



## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH	SW <sup>ly</sup> and W <sup>ly</sup> winds, increasing and gusty; fair then dull.
2 SCOTLAND EAST	SW <sup>ly</sup> and W <sup>ly</sup> winds, freshening tonight, then light again; fair to dull.
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as N° 5
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND SOUTH	Light breezes between SE. and SW.; cloudy but fair, night cold.

## DISTRICTS

## FORECASTS

6 SCOTLAND WEST	SW <sup>ly</sup> breezes, fresh; fair then dull.
7 ENGLAND N.W.	SW <sup>ly</sup> and W <sup>ly</sup> winds, light, cloudy, fair.
8 ENGLAND S.W.	E <sup>ly</sup> winds, light or moderate; dull, rather cold.
9 IRELAND NORTH	SW <sup>ly</sup> winds, freshening considerably in W.; dull, mild.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The S. cone hoisted yesterday in district N° 6. but lowered again this morning.



# METEOROLOGICAL OBSERVATIONS FOR

21<sup>st</sup> JAN<sup>y</sup>

1882

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.		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 ...	29.61	35	SW	2	0	29.29	- 0.8	36	35	- 1	SW	4	0	*	39	34	-	
Hernösand ...	29.99	41	SW	2	0	29.72	- 2.1	37	34	- 1.1	SW	2	0	*	50	?	-	
Stockholm ...	30.15	36	SW	2	0	29.92	- 2.8	36	34	- 2	W	6	0	*	45	36	-	
Wisby ...	30.25	38	WSW	4	0	30.11	- 1.7	40	37	+ 1	WSW	4	0	*	43	36	-	
Bodö ...	29.60	41	W	8	0	29.14	- 4.4	41	40	- 1	WSW	8	0	6	41	36	0.79	
Christiansund ...	29.98	45	WSW	8	0	30.01	- 2.0	39	?	- 6	W	9	0	7	45	30	0.04	
†Skudesnaes ...	30.34	43	W	4	0	30.30	- 1.4	42	41	- 1	W	4	0	3	43	?	-	
Oxö (Xiansund) ...	30.34	42	W	4	0	30.22	- 2.5	42	40	+ 1	WSW	6	0	3	43	41	-	
Skagen (The Skaw) ...	30.33	42	WSW	6	0	30.23	- 2.0	42	41	+ 1	WSW	6	0	6	45	34	-	
Fanö ...	30.55	40	W	4	0	30.50	- 1.5	41	39	+ 2	W	4	0	*	41	39	-	
Cuxhaven ...	30.64	?	W	2	0	30.54	- 1.8	38	38	- 1	W	2	0	*	39	?	-	
†Sumburgh Head ...	30.15	45	WSW	5	0	30.32	- 0.6	43	40	- 3	WNW	4	0	4	47	39	0.10	
†Stornoway ...	30.28	43	W	4	0	30.47	+ 0.6	39	38	- 6	SSW	3	0	2	46	35	0.09	
Wick ...	30.30	42	S	2	0	30.49	+ 0.4	40	38	- 2	S	2	0	2	45	38	0.03	
Nairn ...	30.34	44	WSW	4	0	30.53	+ 0.4	36	34	- 9	SW	1	0	1	45	36	0.10	
†Aberdeen ...	30.21	38	S	3	0	30.54	- 0.1	35	33	- 6	WSW	1	0	1	44	34	-	
Leith ...	30.51	39	W	5	0	30.59	- 0.1	40	39	- 3	SW	1	0	*	46	38	-	
†Shields ...	30.58	43	W	4	0	30.63	- 0.5	40	39	- 1	W	2	0	2	44	39	-	
Spurn Head ...	30.67	34	WSW	3	0	30.65	- 0.8	39	38	+ 1	W	3	0	2	39	33	-	
York ...	30.65	37	SSW	1	0	30.66	- 0.7	40	39	+ 4	W	1	0	*	40	32	-	
Nottingham ...	30.72	32	SW	2	0	30.73	- 0.6	30	29	- 3	SW	1	0	*	35	28	-	
†Ardrossan ...	30.54	43	SSW	4	0	30.61	- 0.1	44	43	+ 1	SW	3	0	2	45	40	0.01	
†Mullaghmore ...	30.53	46	SW	5	0	30.63	+ 0.3	42	42	0	SW	3	0	3	47	41	0.05	
Donaghadee ...	30.60	42	SW	8	0	30.66	- 0.1	38	38	- 1	WSW	2	0	0	44	38	-	
Parsonstown ...	30.66	45	SSW	1	0	30.69	+ 0.1	43	42	+ 2	S	1	0	*	48	35	0.02	
Barrow-in-Furness ...	30.63	39	S	3	0	30.64	- 0.5	44	43	+ 6	W	2	0	2	44	38	-	
†Holyhead ...	30.66	44	S	3	0	30.68	- 0.0	45	44	+ 4	S	2	0	1	45	40	-	
Liverpool (Bidston) ...	30.69	26	S	2	0	30.63	- 0.4	42	40	+ 7	SW	1	0	1	42	35	-	
†Valencia ...	30.66	45	SSW	1	0	30.70	+ 0.5	49	48	+ 1	SSW	3	0	3	50	44	-	
Roche's Point ...	30.66	46	WSW	1	0	30.69	- 0.1	45	43	- 2	W	1	0	3	49	40	-	
Pembroke ...	30.71	41	WSW	1	0	30.72	- 0.1	44	42	+ 6	W	1	0	0	45	36	-	
†Scilly ...	30.67	45	E	1	0	30.72	+ 0.4	45	41	0	ESE	2	0	2	47	43	-	
Prawle Point ...	30.69	43	ESE	3	0	30.75	+ 0.4	37	36	- 5	ESE	3	0	3	46	35	-	
Hurst Castle ...	30.71	41	ESE	1	0	30.76	+ 0.2	36	34	- 5	ESE	2	0	2	43	33	-	
†Dover ...	30.70	42	E	2	0	30.73	- 0.2	35	34	- 7	WNW	2	0	0	43	34	-	
†London ...	30.72	39	SE	1	0	30.75	- 0.1	33	31	- 6	W	1	0	*	42	30	-	
Oxford ...	30.70	36	WSW	1	0	30.75	- 0.2	33	32	- 5	W	1	0	*	38	32	-	
Cambridge ...	30.70	35	Zo	0	0	30.72	- 0.4	31	31	- 7	SW	1	0	*	41	29	-	
†Yarmouth ...	30.69	41	W	1	0	30.70	- 0.5	32	31	- 7	WSW	2	0	2	42	30	-	
The Helder ...	30.67	39	SW	1	0	30.64	- 1.1	38	36	- 2	W	1	0	1	41	37	-	
Cape Gris Nez ...	30.70	38	E	1	0	30.71	- 0.2	37	37	- 2	E	1	0	0	41	37	-	
†Jersey ...	30.72	32	ESE	2	0	30.73	0.0	37	36	+ 5	ESE	2	0	2	37	30	-	
Brest ...	30.67	36	SE	3	0	30.70	+ 0.3	38	37	+ 4	E	3	0	3	48	32	-	
Lorient ...	30.59	34	E	3	0	30.63	- 0.1	32	30	+ 2	ESE	5	0	2	41	27	-	
†Rochefort ...	30.58	24	ESE	4	0	30.56	- 0.8	27	27	- 1	ESE	4	0	2	41	21	-	
Biarritz ...	30.61	50	N	3	0	30.60	0.0	46	42	+ 2	S	3	0	3	55	37	-	
Cornuna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.71	- 0.6	31	31	0	S	3	0	*	32	29	-	
Charleville ...	30.75	27	SSW	1	0	30.71	- 0.3	22	20	- 3	SSW	1	0	*	?	?	-	
Paris ...	30.73	29	NE	3	0	30.63	- 1.0	26	25	- 1	Zo	0	0	*	*	*	-	
Lyons ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Toulon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

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

Hawes Junction	29.35	35	W	2	0	29.37	- 0.3	39	39	+ 6	W	2	0	*	39	33	0.02
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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 ...	30.43	43	43	SW	2	0 f	3	Valencia ...	30.63	50	46	SSW	4	0	4
Sumburgh Head	30.27	46	43	WSW	4	0	4	Scilly ...	30.67	47	44	ESE	2	0	3
Stornoway ...	30.26	46	45	SSW	8	0	7	Dover ..	30.71	43	40	ESE	2	0 g	1
Aberdeen ...	30.46	44	41	SW	3	0	1	London ...	30.72	42	40	SE	1	0 g m	*
Shields ...	30.61	41	39	SW	2	0	2	Yarmouth ...	30.71	42	41	Zo	0	f	1
Ardrossan ...	30.58	43	43	SW	4	0	3	Jersey ...	30.72	31	31	ESE	1	m	1
Mullaghmore ...	30.55	46	43	SW	4	0 g m	3	Rochefort ...	30.62	32	30	ESE	4	m	2
Holyhead ...	30.67	41	40	S	3	m	2								

The fall of the barometer has now become rather brisk in the NW. and the SW<sup>4</sup> wind at Stornoway has increased to a fresh gale. Elsewhere the wind remains light or moderate. The weather is dull generally with fog and gloom in the SE.

## 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

SUNDAY 22<sup>ND</sup> JANUARY.

1882

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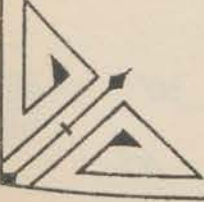
ISSUED BY THE

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.)



*Fred<sup>s</sup> Dangerfield, Loh 22 Pall Mall S. Green Garden.*



# WEATHER CHARTS

for 8 a.m. on Sunday 22<sup>nd</sup> JANUARY.

1882

## BAROMETER, WIND & SEA

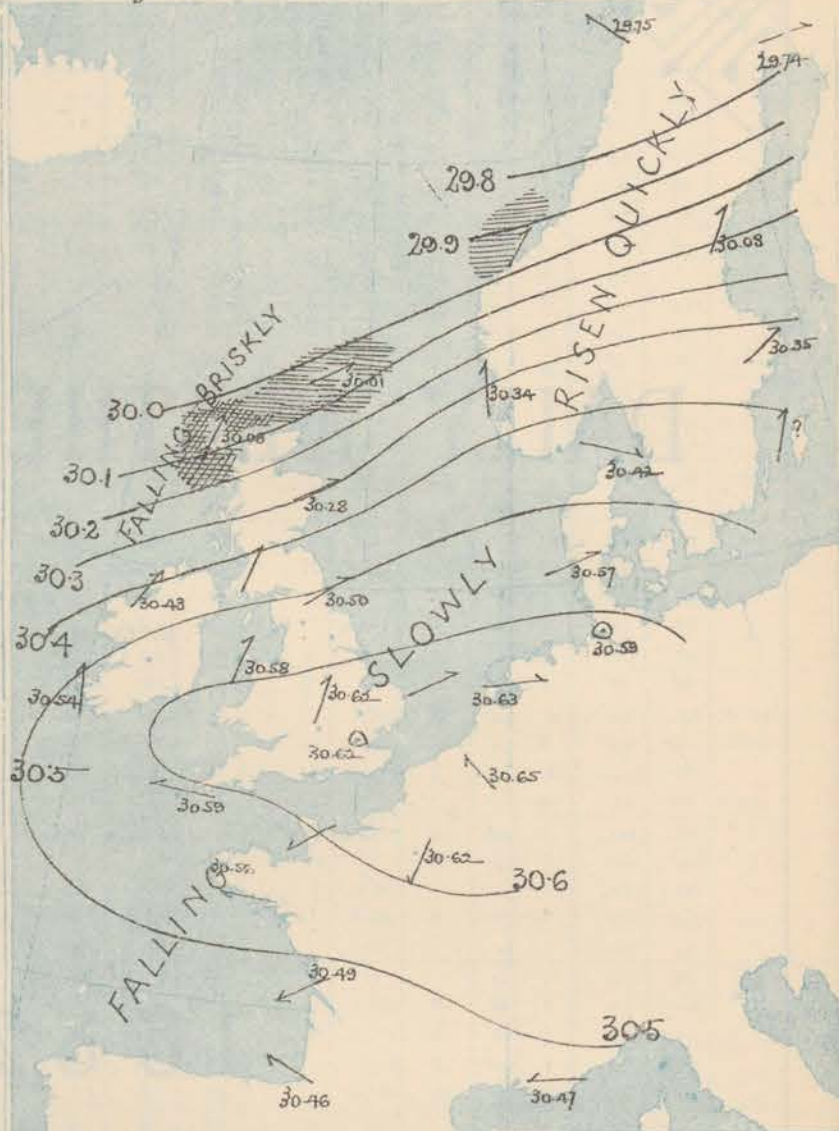
### Explanation of Map

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 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\* HEIGHT of the BAROMETER for the month of January

Stations	Mean Readings in
Nuern	29.581
Aberdeen	29.627
Leith	29.669
Scarborough	29.701
Ardrossan	29.678
Greenock	29.651
Holyhead	29.729
Valentia	29.721
Roches Pt	29.765
Plymouth	29.800
LONDON	29.809
Wormouth	29.807

\* 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

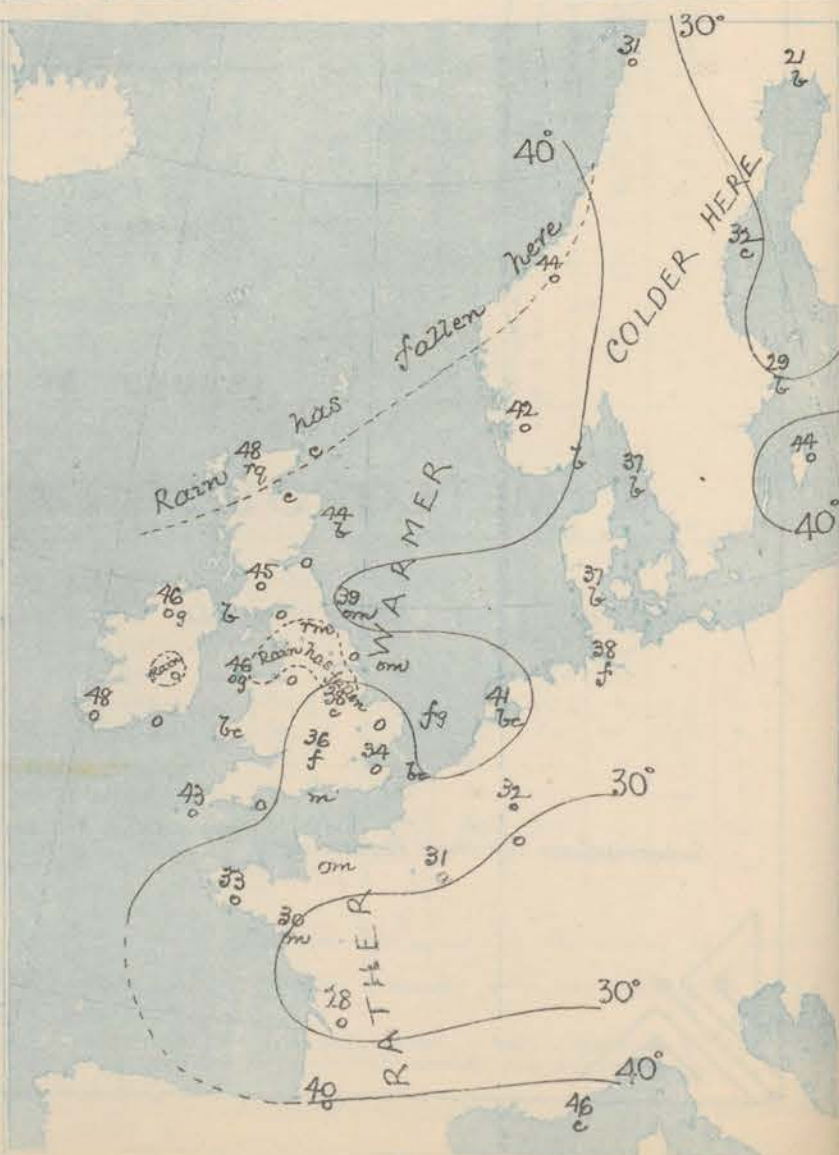
### Explanation of Map

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 January

Stations	Temp.	Rain-fall
Scarborough Head	39.0	3.00
Stornoway	39.2	5.71
Aberdeen	37.0	2.76
Stirling	37.5	1.98
Glasgow	37.7	1.59
Milltownmore	40.4	?
Holyhead	41.3	4.37
Parsloughtown	39.6	3.62
Valentia	39.0	7.70
Sally (St Mary's)	45.2	5.18
Ilfracombe	46.3	?
Dover	36.3	3.50
LONDON	35.8	2.63
Wormouth	37.3	2.69

\* The mean Temperatures are those for the 13 years 1867-69, the mean amounts of Rain are those for the 10 years 1866-75.





# REMARKS

Sunday 22<sup>nd</sup> JAN<sup>y</sup>

While a brisk recovery in pressure has occurred in Scandinavia, a decrease continues in progress elsewhere the change being rather brisk in North Scotland. The arm of high pressure over the South of England, the Channel and north of France still exists, but is giving way, while a fresh depression is advancing to our northern coasts. The wind remains E<sup>2</sup> in the south, and SW<sup>4</sup> to W<sup>4</sup> elsewhere; it is light or moderate in force generally, but reaches a fresh gale at Stornoway. Temperature has fallen in Scandinavia, even in most other places, readings ranging from 48° at Valencia and Stornoway to 34° in London and 28° at Rochefort, while the maxima yesterday varied <sup>from</sup> 53° in the south of Ireland to 40° in the south-east of England and 36° at Lorient and 34° at Charleville.

The weather is fine in a few places, but dull generally, with a good deal of mist and fog.

The sea is rough in the extreme north, moderate to smooth on our other coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

ISSUED AT 11 a.m. on previous day

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

2 SCOTLAND EAST

3 ENGLAND N E

4 ENGLAND EAST

5 MIDLAND COUNTIES

6 ENGLAND SOUTH

6 SCOTLAND WEST

7 ENGLAND N W

8 ENGLAND S W

9 IRELAND NORTH

10 IRELAND SOUTH

WARNINGS

ISSUED.  
N O N E

ISSUED.  
N O N E  
The S. cone has been hoisted this morning in district O.



# METEOROLOGICAL OBSERVATIONS FOR 22<sup>ND</sup> JANUARY 1882

† 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	29.96	37	NW	8	b	29.94	+ .45	21	20	- 15	W	2	b	*	39	?	-		
Hernösand	29.97	38	NW	4	b	30.08	+ .36	32	30	- 5	SW	2	c	*	43	30	-		
Stockholm	30.14	36	WNW	4	b	30.35	+ .43	29	26	- 7	WSW	2	b	*	43	?	-		
Wisby	30.15	39	W	4	c	30.36	+ .25	32	31	- 8	ENE	2	b	*	41	?	-		
Bodö	29.83	30	NNW	8	o	29.95	+ .61	31	30	- 10	SE	2	o	1	41	25	-		
Christiansund	30.15	37	SW	4	c	29.86	- .15	44	39	+ 5	SW	4	o	5	45	25	0.04		
†Skudesnaes	30.42	40	Z	0	r	30.34	+ .04	42	41	0	S	4	o	3	43	39	-		
Oxö (Xiänsund)	30.39	41	WSW	5	b	30.44	+ .19	40	39	- 2	SW	4	b	2	45	37	-		
Skagen (The Skaw)	30.34	41	WNW	5	b	30.42	+ .19	37	37	- 5	WNW	3	b	2	43	34	-		
Fanö	30.36	39	W	4	b	30.57	+ .07	37	37	- 4	WSW	1	b	*	43	37	-		
Cuxhaven	30.53	44	WSW	2	o	30.59	+ .05	38	38	0	Z	0	f	*	?	32	-		
†Sumburgh Head	30.31	43	W	5	c	30.01	- .31	49	45	+ 4	WSW	5	o	5	48	39	0.09		
†Stornoway	30.36	45	SSW	5	c	30.08	- .39	48	47	+ 9	SW	8	fg	7	49	38	0.05		
Wick	30.27	43	SW	3	bc	30.15	- .34	45	42	+ 5	SW	2	c	2	47	37	0.02		
Nairn	30.45	39	SW	2	bc	30.21	- .32	46	43	+ 10	WSW	6	c	3	48	36	-		
†Aberdeen	30.50	37	SW	1	b	30.28	- .26	44	40	+ 9	WSW	2	b	1	46	32	-		
Leith	30.57	44	SW	1	o	30.42	- .17	46	44	+ 6	WSW	3	o	*	48	38	-		
†Shields	30.63	43	NW	2	c	30.50	- .13	39	38	- 1	WSW	1	cm	2	45	38	-		
Spurn Head	30.65	42	W	1	m	30.58	- .07	41	40	+ 2	SW	3	cm	2	43	37	-		
York	30.67	43	W	1	bc	30.59	- .09	42	41	+ 2	SW	1	o	*	44	38	-		
Nottingham	30.69	37	SW	2	b	30.62	- .11	38	35	+ 8	SW	1	c	*	43	30	0.02		
†Ardrossan	30.57	45	SW	2	o	30.46	- .15	45	45	+ 1	SW	3	o	2	47	42	-		
†Mullaghmore	30.56	47	SW	4	o	30.43	- .20	46	43	+ 4	SW	5	og	4	49	42	-		
Donaghadee	30.62	43	WSW	2	c	30.51	- .15	40	40	+ 2	WSW	2	b	0	45	38	-		
Parsonstown	30.64	47	SE	1	o	30.54	- .15	42	40	- 1	S	1	o	*	48	37	0.07		
Barrow-in-Furness	30.62	43	SSW	3	o	30.57	- .07	43	43	- 1	SW	3	o	2	46	42	0.04		
†Holyhead	30.63	46	SSW	2	bc	30.58	- .10	46	44	+ 1	SW	2	og	1	47	45	0.01		
Liverpool (Bidston)	30.66	44	SSW	1	c	30.58	- .10	44	42	+ 2	SW	1	o	1	46	42	-		
†Valencia	30.65	49	S	4	o	30.54	- .16	48	44	- 1	S	4	o	4	53	44	-		
Roche's Point	30.69	46	WSW	3	b	30.59	- .10	45	42	0	WSW	3	o	3	53	42	-		
Pembroke	30.69	45	WSW	1	bc	30.62	- .10	41	39	- 3	S	2	bc	1	48	40	-		
†Scilly	30.68	43	E	3	o	30.59	- .13	43	40	- 2	E	2	o	3	45	40	-		
Prawle Point	30.70	39	ENE	3	o	30.60	- .15	42	40	+ 5	E	4	o	4	44	35	-		
Hurst Castle	30.71	38	Z	0	o	30.63	- .13	36	35	0	ENE	2	m	1	41	31	-		
†Dover	30.70	37	Z	0	b	30.64	- .09	40	38	+ 5	ESE	2	bc	1	40	34	-		
†London	30.72	33	W	1	om	30.62	- .13	34	34	+ 1	Z	0	o	*	42	30	-		
Oxford	30.71	40	W	1	o	30.65	- .10	36	36	+ 3	WNW	1	f	*	44	33	-		
Cambridge	30.69	37	SW	1	bc	30.63	- .09	38	38	+ 7	SW	1	o	*	42	29	-		
†Yarmouth	30.67	39	WNW	1	f	30.63	- .07	40	39	+ 8	WSW	1	fg	2	40	30	-		
The Helder	30.67	42	WNW	1	c	30.63	- .01	41	40	+ 3	W	1	bc	1	43	37	-		
Cape Gris Nez																			
†Jersey	30.70	38	ENE	2	o	30.60	- .13	35	34	- 2	ENE	2	om	3	39	35	-		
Brest	30.65	39	E	3	o	30.56	- .14	33	32	- 5	E	3	o	2	43	32	-		
Lorient	30.56	45	ESE	5	m	30.46	- .17	30	30	- 2	E	4	m	2	30	27	-		
†Rochefort	30.58	30	NE	5	m	30.49	- .07	28	27	+ 1	ENE	5	o	2	39	23	-		
Biarritz	30.55	47	N	4	o	30.46	- .14	40	38	- 6	ESE	3	o	3	34	37	-		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	30.65	- .06	32	31	+ 1	SE	3	o	*	36	?	-		
Charleville	30.65	31	NE	4	o	?	?	28	27	+ .6	SSE	4	o	*	34	22	-		
Paris	30.69	33	Z	0	o	30.62	- .01	31	31	+ 5	NE	3	o	*	*	*	-		
Lyons																			
Toulon	30.86	53	Z	0	b	30.47		46	43		E	4	c	2	63	43	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.35	39	W	2	o	29.26	- .01	40	40	+ 1	WSW	2	mm	*	41	37	0.05		

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

Hawes Junction	29.35	39	W	2	o		29.26	- .09	40	40	+ 1	WSW	2	cm	*	41	37	0.05
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

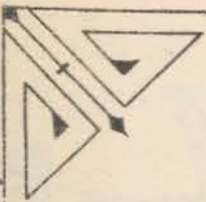
	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.38	43	41	WNW	2	bc	2	Valencia ...	30.66	51	48	SW	2	cm	2
Sumburgh Head	30.35	44	41	W	3	o	3	Scilly ...	30.71	44	40	E	2	o	2
Stornoway ...	30.44	44	42	WSW	4	c	4	Dover ..	30.70	39	38	Z	o	om	o
Aberdeen ...	30.53	44	40	SW	2	b	1	London ...	30.69	41	39	W	1	cf	*
Shields ...	30.63	45	42	NW	2	bm	2	Yarmouth ...	30.66	39	38	WNW	2	bcf	2
Ardrossan ...	30.60	45	44	SW	2	o	1	Jersey ...	30.72	39	39	E	1	o	2
Mullaghmore ...	30.61	46	44	SW	3	o	3	Rochefort ...							
Holyhead ...	30.67	47	45	SSW	2	c	2								

The barometer has recommenced to fall over these islands, but the change is slight, pressure continues uniform and the winds light. The weather is becoming foggy again 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) u. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. agly, 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, 23<sup>RD</sup> JAN<sup>Y</sup>

1882

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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  
D<sup>s</sup> D<sup>s</sup> Bookpost 5<sup>s</sup> D<sup>s</sup>

ROBERT H. SCOTT

(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on Monday 23<sup>rd</sup> JANUARY 1882

## BAROMETER, WIND & SEA

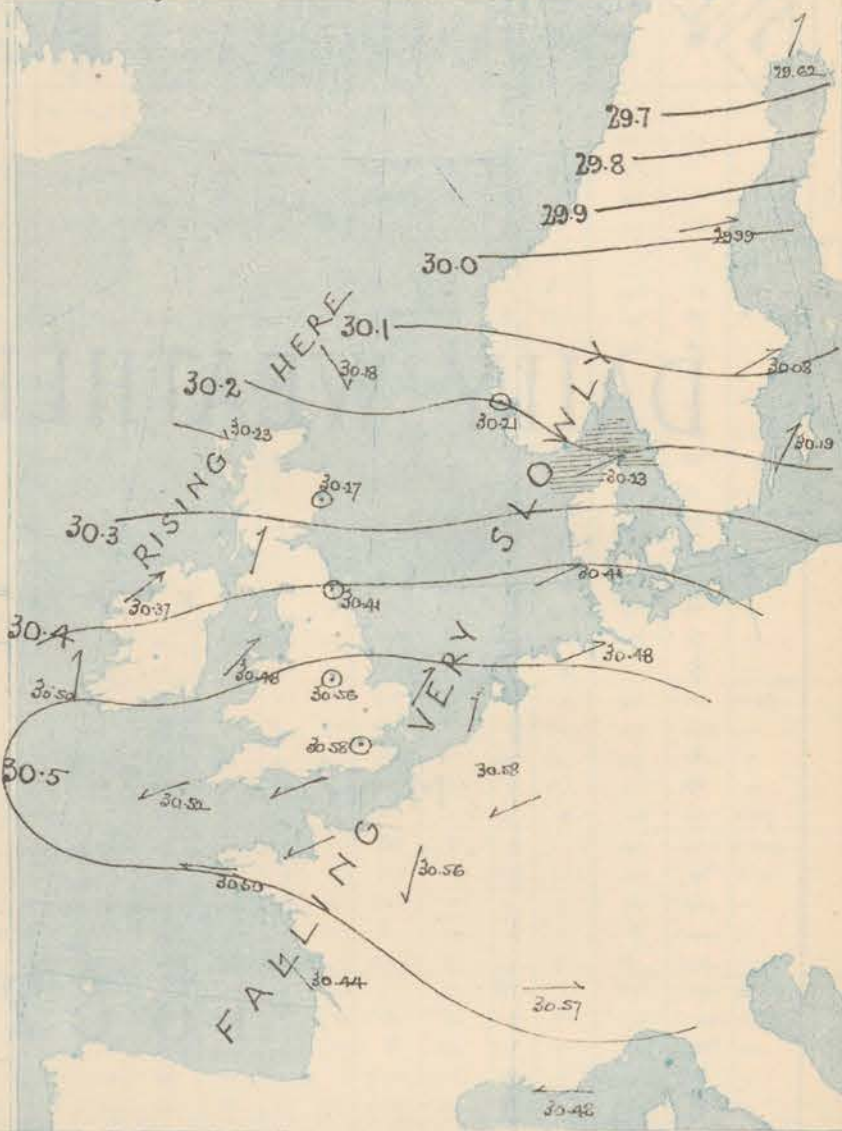
### Explanation of Map

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 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\* HEIGHT of the BAROMETER for the month of January

Stations	Mean Readings In.
Swan	29.58
Aberdeen	29.62
Leith	29.60
Scarborough	29.56
Ardrossan	29.67
Glasgow	29.65
Holyhead	29.50
Valencia	29.72
Rochester	29.75
Plymouth	29.86
LONDON	29.80
Falmouth	29.57

\* 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

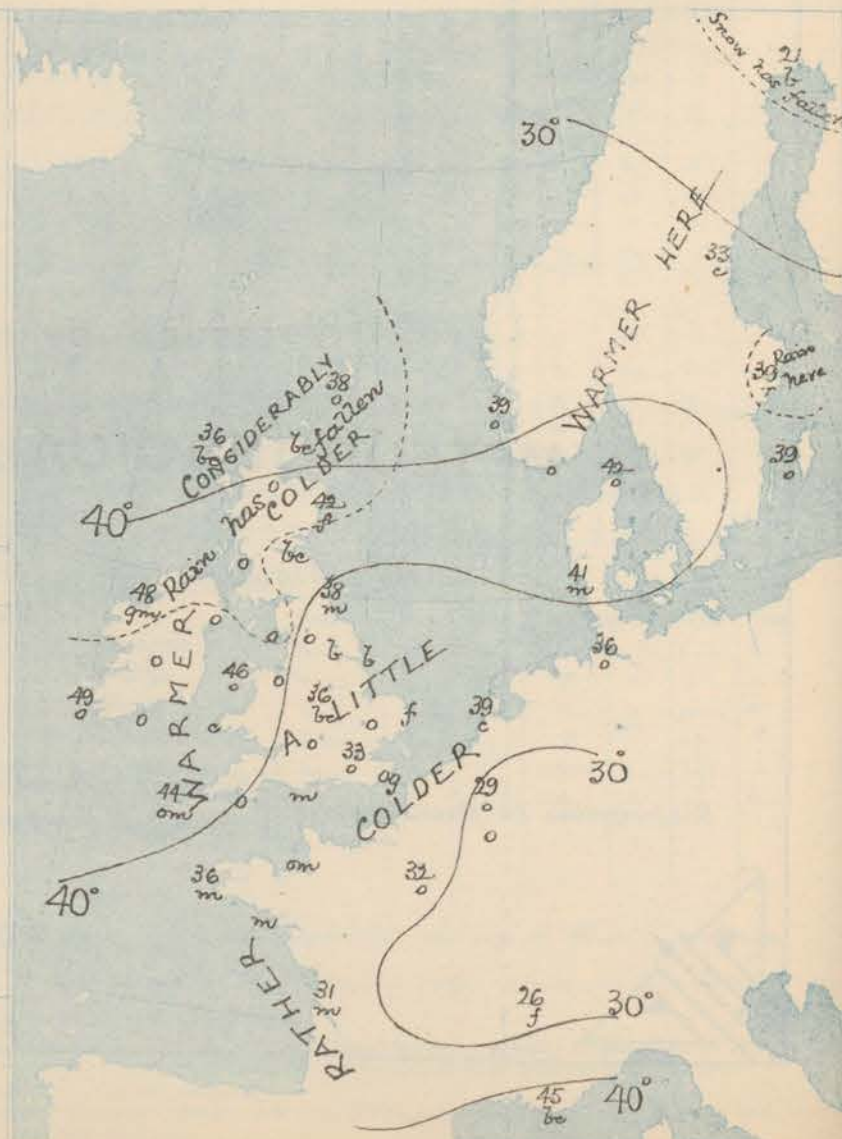
#### Explanation of Map

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 January

Stations	Temp.	Rain-fall
Swanborough Head	39.0	3.00
Swansea	39.3	5.20
Aberdeen	37.0	4.76
Thurso	37.5	1.98
Yok	37.5	1.49
Mullaghmore	40.0	0
Holyhead	41.3	1.22
Parsonstown	39.6	3.02
Valencia	43.0	7.70
Sally (St Mary's)	45.2	5.18
Hurst Castle	40.3	0
Dover	38.3	3.56
LONDON	38.8	7.61
Falmouth	37.3	2.64

\* The mean Temperatures are those for the 31 years 1851-81, the mean amounts of Rain are those for the 41 years 1845 to 1885.





# REMARKS

Monday 23<sup>rd</sup> JAN.

1881 at 11 a.m.

Pressure is oscillating a good deal in the N., the barometer there rising and falling again rather briskly as depressions advance and pass away from that neighbourhood. In the S. however, the mercury continues to fall steadily, and the large area of high readings though still existing over the south of England, the Channel and N. of France is gradually giving way. Light E<sup>l</sup> breezes prevail over France and the Channel, and moderate breezes from SW. and W. over the W. and N. parts of these Islands and Scandinavia. The weather is fine and bright at several N. and NE. stations, but is cloudy or dull elsewhere with mist or fog in some places. During yesterday dense fog prevailed in N. London, and slight rain fell on our NW. and NE. coasts. Temperature has fallen except in the W., the change being very considerable in the N., readings range from 49° at Valencia to 36° at Wick, 33° in London and 30° at Lorient. During last night the thermometer fell to 27° in London, to 31° at Hurst Castle and 34° at Nottingham and Stornoway.

Sea is moderate to smooth round our coasts, rough off the W. of Norway and in the Skagerrak.

## FORECASTS

for the 24 hours ending at Noon  
on the

24<sup>th</sup> JANUARY.

ISSUED AT 11 a.m. on previous day

MAP SHOWING  
DISTRICTS



### DISTRICTS

### FORECASTS

11 SCOTLAND NORTH	W <sup>ly</sup> and SW <sup>ly</sup> winds, rather strong in places; fair to dull and slight rain.
1 SCOTLAND EAST	-----D°-----D°-----D°-----
2 ENGLAND N.E.	SW <sup>ly</sup> and W <sup>ly</sup> breezes, moderate, cloudy, fair.
3 ENGLAND EAST	SW <sup>ly</sup> and W <sup>ly</sup> breezes, light; fair, cloudy, some fog.
4 MIDLAND COUNTIES	-----D°-----D°-----D°-----
5 ENGLAND SOUTH	Variable or E <sup>ly</sup> breezes; cloudy, raw and foggy in London.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	SW <sup>ly</sup> winds, moderate and fresh; cloudy, dull.
7 ENGLAND N.W.	-----D°-----D°-----D°-----
8 ENGLAND S.W.	E <sup>ly</sup> winds, light, dull, misty.
9 IRELAND NORTH	SW <sup>ly</sup> and S <sup>ly</sup> winds, light and fresh, dull, misty, slight rain.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The S. cone was hoisted in district 10 yesterday morning, but has been lowered again this morning.



# METEOROLOGICAL OBSERVATIONS FOR

23<sup>rd</sup> JAN<sup>y</sup>

1882

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	29.45	30	SE	4	0	29.62	-12	21	19	0	SW	2	6	*	30	18	0.12		
Hernösand	29.78	37	S	2	0	29.99	-04	23	28	+1	W	2	c	*	39	28	-		
Stockholm	30.11	37	W	6	bc	30.08	-27	39	38	+10	WSW	2	0	*	?	27	0.04		
Wisby	30.31	37	WSW	6	0	30.19	-17	39	38	+7	WSW	4	0	*	39	32	-		
Bodö	29.39	35	SW	8	0	29.46	-29	36	34	+5	W	9	0	7	36	25	-		
Christiansund	29.92	41	W	7	0	30.01	+15	38	33	-6	WSW	6	6	5	45	28	0.51		
Skudesnaes	30.18	44	SW	4	2	30.21	-13	39	38	-3	Z	0	0	2	45	?	-		
Oxö (Xiansund)	30.24	44	SW	6	0	30.19	-22	44	43	+4	SW	4	0	3	?	2	-		
Skagen (The Skaw)	30.30	42	WSW	5	0	30.23	-19	42	42	+5	WSW	6	0	6	43	34	-		
Fanö	30.48	41	WSW	4	m	30.41	-16	41	41	+4	WSW	4	m	*	41	37	-		
Cuxhaven	30.61	2	SW	2	0	30.48	-11	36	36	-2	WSW	2	0	*	39	34	-		
†Sumburgh Head	30.01	44	NW	4	0	30.18	+17	38	36	-9	NW	1	0	4	48	35	0.09		
†Stornoway	30.23	41	W	1	6	30.23	+15	36	35	-12	W	2	bc	1	49	34	0.27		
Wick	30.24	41	SW	1	bc	30.24	+09	36	35	-9	NW	1	bc	2	45	34	0.15		
Nairn	30.28	45	WSW	2	0	30.29	+08	40	39	-6	WSW	1	0	0	48	40	0.13		
†Aberdeen	30.27	44	SSW	4	0	30.27	-01	42	41	-2	Z	0	f	1	48	40	0.01		
Leith	30.37	45	NW	5	c	30.33	-04	47	44	+1	W	5	bc	*	49	42	-		
†Shields	30.46	45	W	2	0	30.41	-09	38	37	-1	Z	0	m	2	47	36	-		
Spurn Head	30.52	42	SSW	3	m	30.49	-09	39	37	-2	SSW	3	2	1	43	35	-		
York	30.52	42	SW	1	bc	30.48	-09	36	35	-6	SW	1	6	*	47	35	-		
Nottingham	30.56	40	SW	1	0	30.56	-06	36	35	-2	SW	1	bc	*	46	34	-		
†Ardrossan	30.40	45	SSW	3	bc	30.35	-11	45	45	0	SSW	4	0	3	46	43	0.01		
†Mullaghmore	30.39	48	SW	5	0	30.37	-06	48	47	+2	SW	5	og	4	49	44	0.02		
Donaghadee	30.40	39	SSW	4	6	30.41	-10	43	42	+3	SW	4	0	2	46	39	-		
Parsonstown	30.51	44	S	1	0	30.48	-06	42	41	0	0	1	0	*	46	41	-		
Barrow-in-Furness	30.51	43	SW	3	0	30.45	-12	43	42	0	SW	3	0	2	45	41	0.03		
†Holyhead	30.53	44	WSW	3	0	30.48	-10	46	44	0	SW	3	0	2	46	43	-		
Liverpool (Bidston)	30.54	43	SW	2	bc	30.50	-08	42	40	-2	SW	2	0	1	47	40	-		
†Valencia	30.51	49	S	4	og	30.50	-34	49	47	+1	S	3	0	3	51	47	-		
Roche's Point	30.54	47	SW	4	0	30.50	-09	47	45	+2	WSW	3	0	3	49	44	-		
Pembroke	30.58	41	SSW	1	c	30.54	-08	42	40	+1	SSW	2	0	1	43	40	-		
†Scilly	30.54	45	E NE	2	om	30.52	-07	44	41	+1	E NE	2	om	2	45	42	-		
Prawle Point	30.55	42	E NE	3	0	30.54	-06	40	38	-2	NE	2	0	2	43	36	-		
Hurst Castle	30.58	42	ESE	3	0	30.57	-06	33	32	-3	E NE	1	m	2	44	31	-		
†Dover	30.57	41	E	1	6	30.56	-08	37	36	-3	SSE	2	og	1	42	36	-		
†London	30.59	38	E	1	6 m	30.58	-04	38	32	-1	Z	0	0	*	44	27	-		
Oxford	30.58	42	SSW	1	0	30.57	-08	39	37	+3	Z	0	0	*	44	36	-		
Cambridge	30.58	41	SW	1	0	30.54	-09	39	38	+1	SW	1	0	*	44	36	-		
†Yarmouth	30.57	41	Z	0	f	30.53	-10	39	38	-1	SW	1	f	1	42	37	-		
The Helder	30.35	38	SSW	1	0	30.45	-18	39	37	-2	SSW	1	c	1	41	37	-		
Cape Gris Nez	30.56	38	E	1	c	30.59	-06	30	30	-	E	3	0	0	39	30	-		
†Jersey	30.55	35	E NE	2	0	30.54	-06	34	33	-1	E NE	2	om	3	38	32	-		
Brest	30.51	36	ESE	3	m	30.50	-06	36	35	+3	E	3	m	3	43	32	-		
Lorient	30.49	31	E	4	f	30.44	-02	30	30	0	E	3	m	2	34	28	-		
†Rochefort	30.39	32	E	4	m	30.44	-05	31	30	+3	SE	3	m	2	34	23	-		
Biarritz	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.53	-07	29	29	-3	NA	1	0	5	33	28	-		
Charleville	30.56	32	NE	1	0	30.62	?	32	30	+4	E NE	4	0	*	36	28	-		
Paris	30.66	32	N	1	0	30.66	-06	32	31	+1	E NE	1	0	*	*	*	-		
Lyons	30.57	29	SSE	1	f	30.57	-06	26	26	-	W	1	f	0	29	26	-		
Toulon	30.48	48	E	1	6	30.48	+01	45	41	-1	E	3	bc	2	55	45	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.22	39	W	2	0	29.18	-18	38	38	-2	SW	3	0	*	40	37	0.02		

## HIGH LEVEL STATION.

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

Hawes Junction	29.22	39	W	2	0	29.18	-18	38	38	-2	SW	3	0	*	40	37	0.02
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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	30.75	42	41	S	6	0	4	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					*
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort					
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

F O R

TUESDAY, 24<sup>TH</sup> JANUARY.

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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D<sup>o</sup> D<sup>o</sup> Bookpost 5<sup>s</sup> 10<sup>s</sup>



ROBERT H. SCOTT

(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on TUESDAY, 24<sup>TH</sup> JANUARY.

## 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.

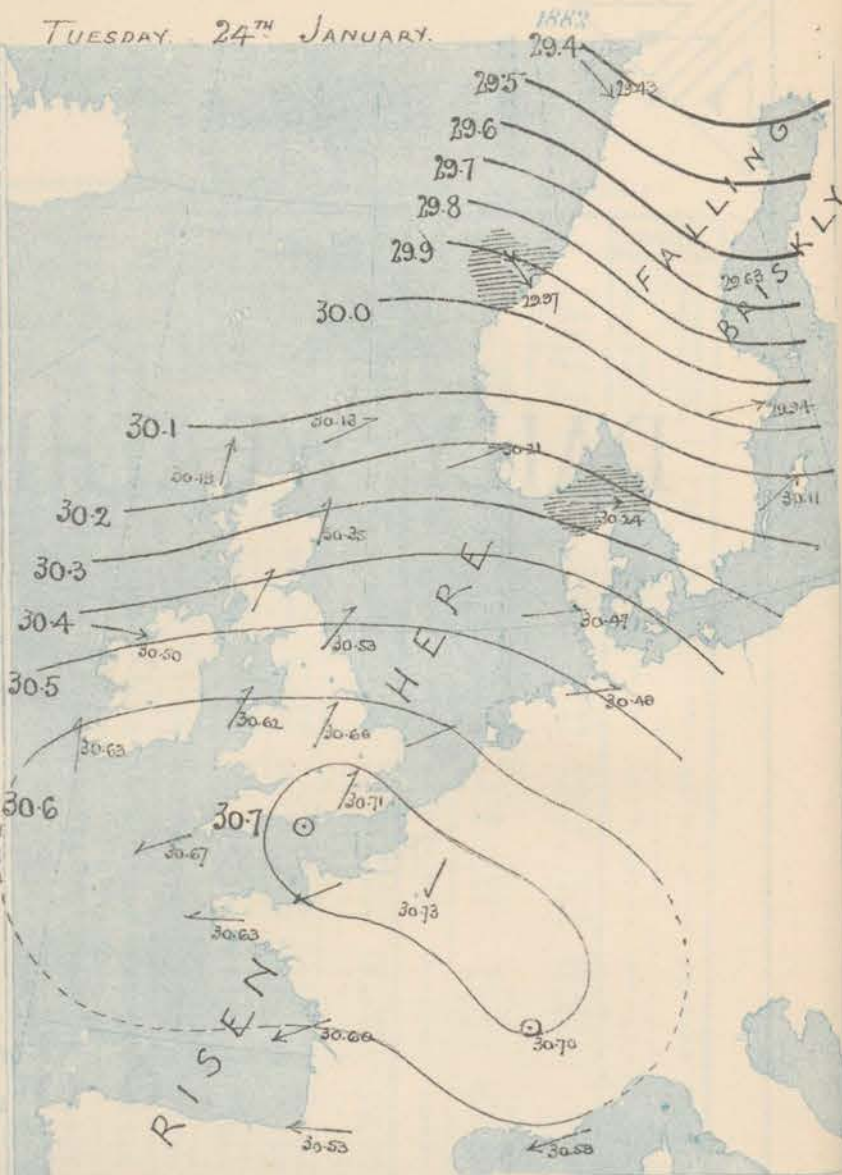
Sea disturbance, where considerable is shown by shading round the coast thus: Rough High

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings In.
Nairn	29.29
Aberdeen	29.62
Leith	29.69
Scarborough	29.70
Ardrossan	29.67
Greenock	29.65
Holyhead	29.74
Valentia	29.72
Rock's Pt	29.75
Plymouth	29.80
LONDON	29.81
Yarmouth	29.87

\* 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.

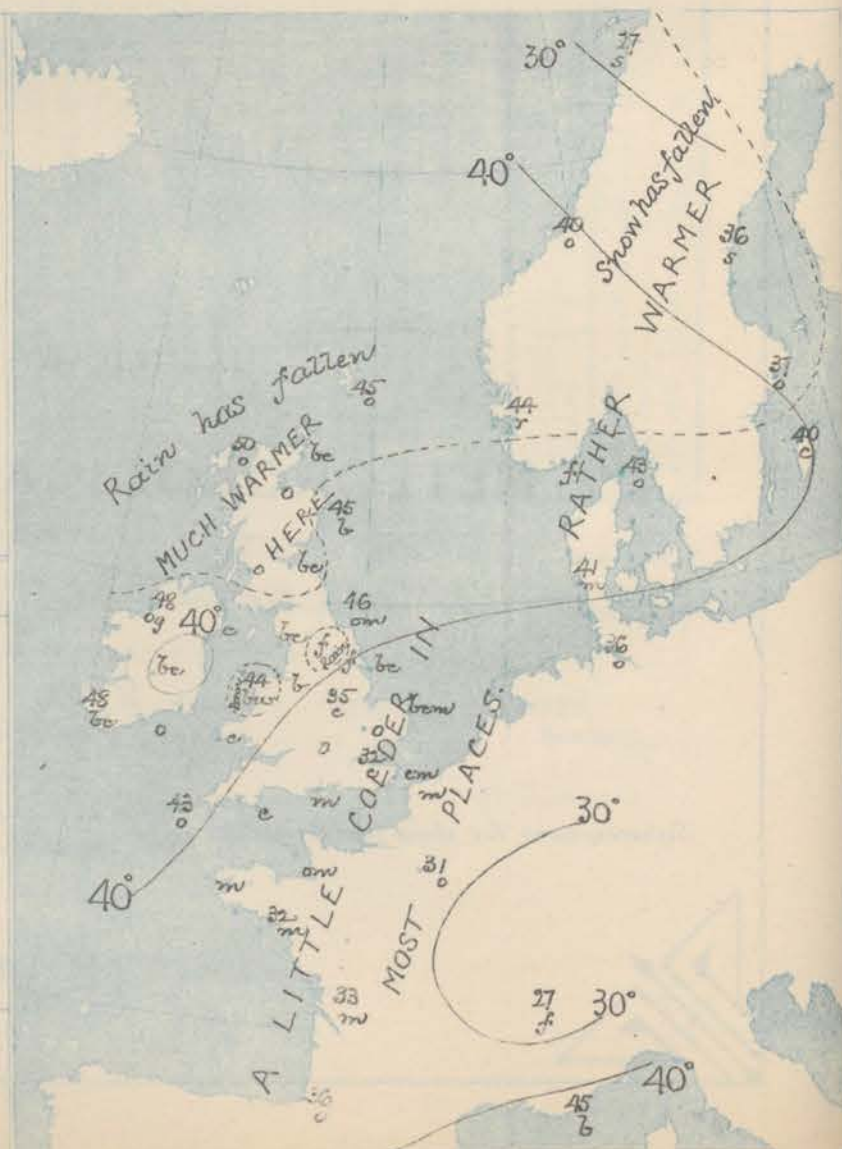
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp	Rain-fall
Southburgh Head	39.4	0.00
Stornoway	39.3	0.73
Aberdeen	37.0	2.26
Stirling	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	2
Holyhead	41.3	1.22
Paranstown	39.6	3.67
Valentia	43.0	7.70
Sally (St Mary's)	43.2	5.15
Thurst Castle	40.4	1
Dover	36.2	3.56
LONDON	38.8	2.63
Yarmouth	37.1	2.64

\* The mean Temperatures are those for the 11 years 1857-69, the mean amounts of Rain are those for the 10 years 1866-75.





# REMARKS

for Tuesday 24<sup>th</sup> JAN<sup>y</sup>

1882 at N. 11

In Sweden this morning the mercury is still falling, but in all other places a sudden rise has occurred, and the anticyclone has again become more strongly marked. A large depression apparently lies over Lapland, and readings range from 30.73 ins. at Paris to about 29.4 ins. over the Gulf of Bothnia. Strong W<sup>y</sup> winds and gales prevail over a large part of Scandinavia, but in these Islands and their neighbourhood the wind is light to fresh in force, blowing from SW. and W. generally, but from E. over the Channel and N. of France. Snow is falling at Bodø and Herørand, and the sky is overcast over the countries to the E<sup>nd</sup> of North Sea, but over these Islands the weather is finer than of late, though there is still a good deal of fog and mist. Temperature has risen briskly in the N., but fallen elsewhere, so that it is now much higher in Scotland than in the S., readings ranging from 50° at Stornoway to 31° at Paris and 32° in London and at Lorient. Last night the thermometers fell to 27° in London to 30° at Cambridge and Hurst Castle, and to 32° at Nottingham, Parsonstown, Craule Point, and Oxford. The sea is smooth except at Skagen and Christiansund.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

25<sup>th</sup> JANUARY.

ISSUED AT 11 a.m. on previous day

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

SW<sup>y</sup> and W<sup>y</sup> winds, strong at times; fair to dull, and some rain. Mild.

6 SCOTLAND WEST

SW<sup>y</sup> winds, moderate to fresh; cloudy, slight rain.

2 SCOTLAND EAST

SW<sup>y</sup> and W<sup>y</sup> winds, light; fair to dull, Mild.

7 ENGLAND N.W.

SW<sup>y</sup> winds, moderate; cloudy, misty, but fair.

3 ENGLAND N.E.

-----D°-----D°-----D°-----

8 ENGLAND S.W.

NE<sup>y</sup> winds, light or moderate; dull, misty, cold night.

4 ENGLAND EAST

Same as N° 5

9 IRELAND NORTH

SW<sup>y</sup> winds, moderate in E., strong in W.; fair to dull, and slight rain.

5 MIDLAND COUNTIES

Same as N° 5

10 IRELAND SOUTH

-----D°-----D°-----D°-----

6 ENGLAND SOUTH

Light W<sup>y</sup> and SW<sup>y</sup> airs or calms; fair, still foggy in places. Cold night.

### WARNINGS

NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

21<sup>st</sup> JAN. - 1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 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.	
Mapazanda	29.91	31	SW	2	bc		29.63	- .36	36	34	+ .3	WNW	6	c	*		37	28	-
Hörnösand	30.15	33	SW	2	f		29.94	- .14	37	35	- .2	W	6	c	*		43	30	0.04
Stokholm	30.26	39	SW	6	o		30.11	- .08	40	39	+ .1	WNW	6	c	*		41	30	-
Wisby	30.17	38	NW	1	f		29.43	- .03	37	27	- .9	NW	6	c	*		36	18	-
Bodö	29.83	41	WSW	9	o		29.97	- .04	40	36	+ .2	NW	9	c	*		41	28	0.32
Christiansund	30.21	42	WSW	4	n		30.21	.00	44	44	+ .5	WSW	2	n	*		2	39	-
Skudesnaes	30.25	41	SEW	2	f		30.21	+ .02	44	43	0	SW	4	f	*		45	41	-
Oxö (Kristiansund)	30.27	42	W	h	m		30.24	+ .01	43	42	+ .1	W	6	o	*		43	39	0.04
Skagen (The Skaw)	30.47	41	W	4	o		30.47	+ .06	41	41	0	W	4	m	*		43	41	-
Fanö	30.44	?	SW	2	o		30.49	+ .01	36	35	0	W	4	o	*		36	34	-
Cuxhaven	30.10	43	W	4	bc		30.13	- .05	45	42	+ .7	WSW	4	o	*		46	36	0.01
Sumburgh Head	30.15	47	SEW	3	o		30.19	- .04	50	49	+ .14	SEW	5	o	*		50	35	0.04
Stornoway	30.17	41	SW	1	bc		30.23	- .01	44	43	+ .8	SW	1	bc	*		46	35	0.02
Wick	30.19	46	W	0	o		30.27	- .02	49	47	+ .9	SW	4	o	*		49	40	0.02
Nairn	30.25	46	SW	1	bc		30.35	+ .08	45	43	+ .3	SSW	2	bc	*		43	40	-
Aberdeen	30.36	48	W	2	c		30.46	+ .13	49	44	+ .2	W	2	bc	*		51	46	0.01
Leith	30.43	47	W	2	bc		30.53	+ .12	46	44	+ .8	WSW	1	bc	*		50	38	-
Shields	30.51	41	SW	3	m		30.58	+ .09	40	39	+ .1	WSW	3	bc	*		44	38	-
Spurn Head	30.49	44	W	2	o		30.61	+ .13	39	38	+ .3	SSW	1	f	*		45	35	-
York	30.54	40	SW	3	bc		30.66	+ .10	35	35	- .1	SW	1	c	*		45	32	-
Nottingham	30.38	46	SW	3	o		30.49	+ .14	46	46	+ .1	SW	3	o	*		47	44	-
Ardrossan	30.40	49	SW	5	ogm		30.50	+ .13	48	46	0	W	5	og	*		51	47	-
Mullaghmore	30.44	45	WSW	3	bc		30.56	+ .15	42	41	- .1	WSW	3	c	*		50	40	-
Donaghadee	30.52	44	ENE	1	bc		30.64	+ .16	33	32	- .9	W	0	bc	*		34	32	-
Parsonstown	30.49	44	SW	3	o		30.58	+ .13	44	44	+ .1	WSW	2	bc	*		46	42	-
Barrow-in-Furness	30.52	47	SW	4	mp		30.62	+ .14	44	44	- .2	SW	2	bc	*		48	43	0.01
Holyhead	30.53	44	WSW	3	c		30.62	+ .12	44	41	0	SW	2	c	*		47	42	-
Liverpool (Bidston)	30.54	50	SW	2	o		30.63	+ .13	48	46	- .1	W	2	bc	*		53	46	-
Valencia	30.58	45	WSW	3	bc		30.64	+ .14	47	45	0	SW	4	o	*		49	41	-
Roche's Point	30.37	46	SEW	2	c		30.68	+ .14	47	45	+ .5	SW	2	c	*		47	42	-
Pembroke	30.58	41	ENE	1	c		30.67	+ .15	43	41	- .1	ENE	4	o	*		44	39	-
Scilly	30.59	39	NE	3	o		30.70	+ .16	34	33	- .6	NNE	3	c	*		41	32	-
Prawle Point	30.59	39	E	1	m		30.72	+ .15	32	31	- .1	W	0	m	*		42	30	-
Hurst Castle	30.60	38	W	0	bc		30.70	+ .14	37	36	0	NW	1	bc	*		40	36	-
Dover	30.59	37	W	0	om		30.71	+ .13	32	31	- .1	SW	1	o	*		40	27	-
London	30.61	36	WSW	1	c		30.70	+ .13	34	33	- .5	WSW	1	o	*		43	32	-
Oxford	30.58	34	W	1	bc		30.67	+ .13	35	34	- .4	SW	1	o	*		43	30	-
Cambridge	30.55	39	WSW	1	bc		30.64	+ .11	36	35	- .3	WSW	2	bc	*		42	34	-
Yarmouth	30.58	36	SSW	3	c		30.64	+ .19	37	36	- .2	SSW	3	c	*		39	35	-
The Helder	30.60	32	ENE	1	bc		30.69	+ .10	33	33	+ .3	W	3	m	*		36	30	-
Cape Gris Nez	30.60	34	ENE	3	o		30.71	+ .17	34	34	0	ENE	2	om	*		34	32	-
Jersey	30.55	36	E	3	m		30.63	+ .13	35	34	- .1	E	3	m	*		39	32	-
Brest	30.49	30	E	4	m		30.56	+ .12	32	32	+ .2	?	4	m	*		34	28	-
Lorient	30.47	37	SE	3	m		30.60	+ .16	33	32	+ .2	ENE	5	m	*		41	33	-
Rochefort	30.42	42	E	7	c		30.53	+ .10	36	32	+ .1	E	5	o	*		50	36	-
Biarritz	*	*	*	*	*		*	*	*	*	*	*	*	*	*		*	*	*
Corunna	*	*	*	*	*		*	*	*	*	*	*	*	*	*		*	*	*
Brussels	30.58	32	S	4	o		30.67	+ .15	30	28	- .2	NE	4	o	*		32	28	-
Charleville	30.58	33	NNE	1	o		30.73	+ .17	31	31	- .1	NE	1	o	*		*	*	-
Paris	30.60	27	N	1	f		30.70	+ .13	27	27	+ .1	NNE	1	f	*		31	26	-
Lyons	30.50	48	E	3	bc		30.59	+ .11	45	42	0	ENE	5	bc	*		50	45	-
Toulon																			

## HIGH LEVEL STATION.

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

Hawes Junction	29.21	40	WSW	2	bc		29.30	+ .12	41	41	+ .3	WSW	2	f	*		41	38	0.03
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

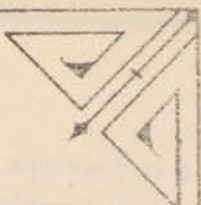
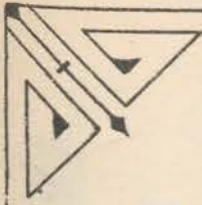
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.24	42	39	WSW	2	o	3	Valencia ...	30.51	52	49	SSW	2	cm	3
Sumburgh Head	30.12	42	39	WSW	1	bc	3	Scilly ...	30.50	43	40	NE	1	om	2
Stornoway ...	30.19	44	44	SEW	8	o	2	Dover ..	30.56	39	37	ESE	2	bc	1
Aberdeen ...	30.24	44	43	W	0	m	1	London ...	30.58	40	39	WSW	1	cm	0
Shields ...	30.40	49	45	N	2	c	2	Yarmouth ...	30.62	42	41	W	0	f	1
Ardrossan ...	30.36	46	46	SW	3	o	3	Jersey ...	30.57	32	32	NE	2	o	2
Mullaghmore ...	30.39	50	46	SW	5	og	3	Rochefort ...	30.47	35	34	SE	3	m	2
Holyhead ...	30.60	48	45	SW	4	m	3								

Pressure is changing very little, but is increasing somewhat in the N. A SW fresh gale is blowing at Stornoway, but elsewhere the wind is light or moderate. The weather is dull with mist and fog.

## 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

WEDNESDAY 25<sup>TH</sup> JANUARY.

1882

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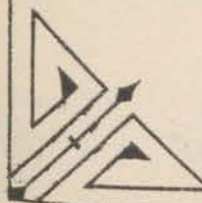
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ROBERT H. SCOTT

(SECRETARY.)



*Fredk. Hangerfield, Lith. 22 Bedford St. London W.C.*



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY 25<sup>TH</sup> JANUARY.

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 force, thus:  
 \* forces above 10, \* forces 8 to 10  
 \* forces 5 to 7, \* forces 1 to 4.  
 ○ dead calm.

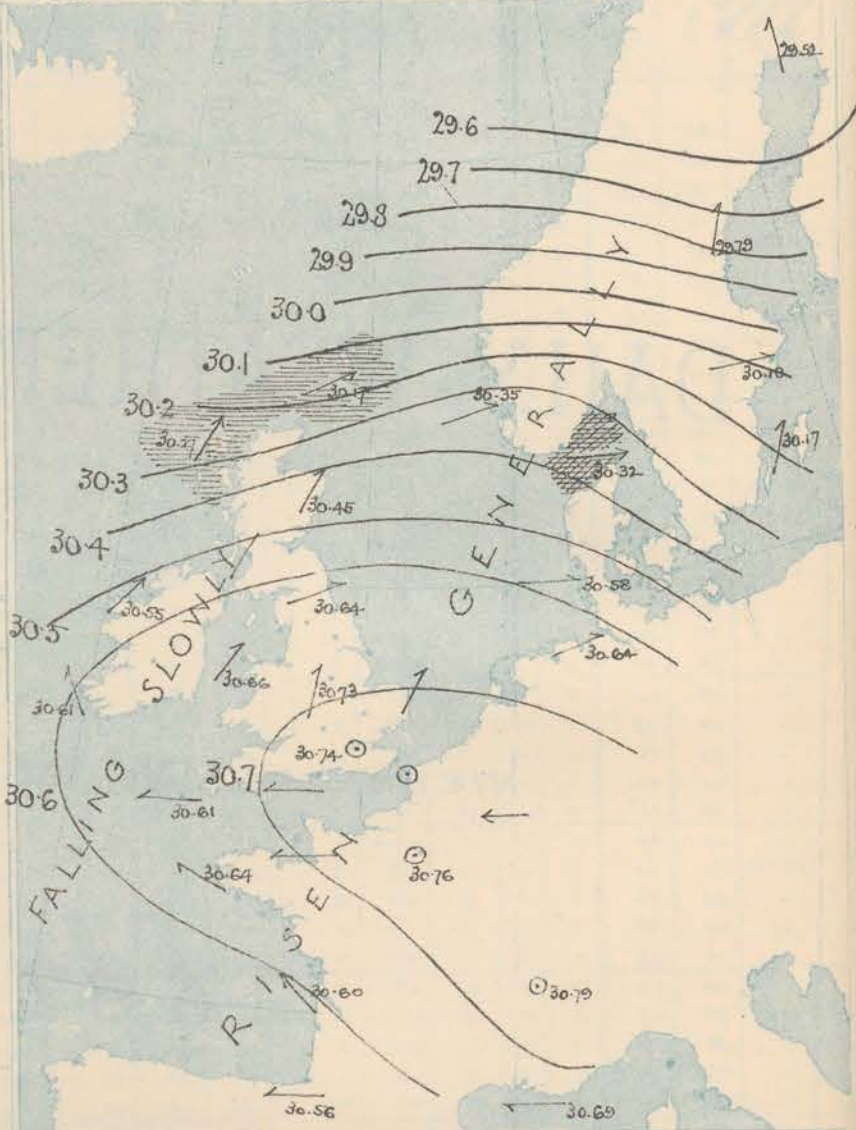
Sea Disturbance where considerable is shown by shading round the coast, thus: Rough High

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings In.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.736
Ardrossan	29.678
Greenock	29.651
Holyhead	29.710
Valentia	29.721
Roches Pt	29.753
Plymouth	29.806
LONDON	29.809
Wormouth	29.847

\* 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.

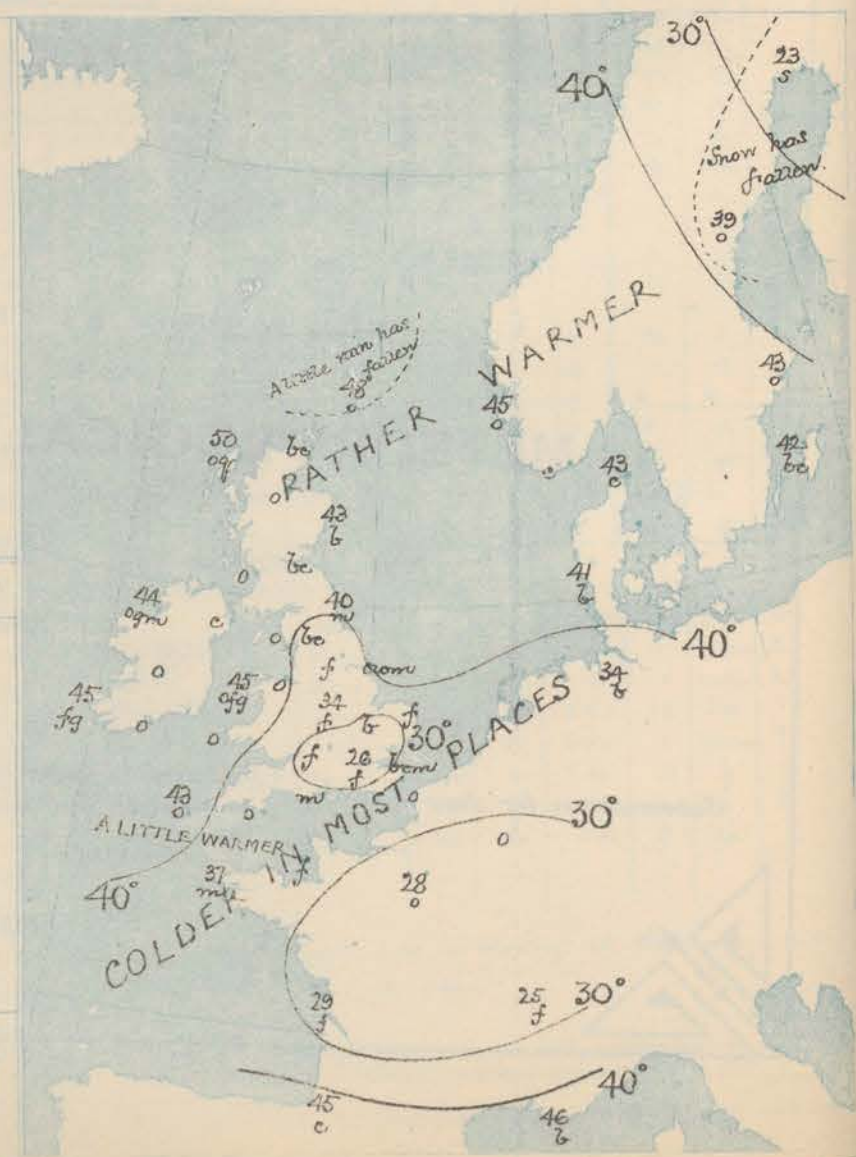
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp	Rain-fall
Scarborough Head	39.0	3.00
Scarborough	39.3	5.73
Aberdeen	37.0	2.76
Stirling	37.5	1.98
York	37.7	1.69
Millington	40.4	2.00
Holyhead	37.3	1.27
Portsmouth	39.6	3.67
Valentia	43.0	7.70
Sally (St Mary's)	43.2	5.68
Hurst Castle	40.4	2.00
Dover	38.3	3.56
LONDON	38.8	2.63
Wormouth	37.3	2.68

\* The mean Temperatures are those for the 10 years 1867-69, the mean amounts of Rain are those for the 10 years 1866-75.





# REMARKS

for WEDNESDAY 25<sup>th</sup> JAN<sup>y</sup>

1882

The changes in the distribution of pressure and of the weather over the British Isles are slight and irregular. The anticyclone still 30.7 ins. lies over the SE. of England and the NE. of France, while depressions are passing from W. to E. to the NW. of Scotland. This morning the barometer is rising slowly except in Ireland, the W. of France and in Sweden. S<sup>o</sup> and SW<sup>o</sup> winds prevail over Ireland, all the more N. parts of the Kingdom and in Scandinavia, but E<sup>o</sup> winds hold over France and the Channel. On our extreme NW. and N. coasts the wind is strong and during last night it blew a fresh gale at Stornoway. Temperature has risen over Scotland and Scandinavia, but has fallen in most other places; the highest temperature (50°) is reported from Stornoway, the lowest (25°) from Oxford, while on the Continent the thermometer ranges from 45° at Skudeensnes to 28° at Paris. The weather is fine at some E. stations, but is cloudy or dull generally, with dense fog over Central and E. England. The only rain within our Islands has been 0.02 in. at Sumburgh Head. The sea is high at the Scaw, rough round the Hebrides and Shetlands.

## FORECASTS

for the 24 hours ending at Noon  
on the

26<sup>th</sup> JANUARY.

ISSUED AT 11 a.m. on previous day

MAP SHOWING  
DISTRICTS



### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	SW <sup>o</sup> strong winds and gales; dull, some rain.
2 SCOTLAND EAST	SW <sup>o</sup> and W <sup>o</sup> winds, light to fresh, fair then dull and some rain.
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as No 5
5 MIDLAND COUNTIES	Same as No 5
6 ENGLAND SOUTH	Light variable airs to SW <sup>o</sup> breezes; dense fog holding in London, fine in country, cold.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	SW <sup>o</sup> winds, moderate to fresh; dull, mild.
7 ENGLAND N.W.	-----D°-----D°-----D°-----
8 ENGLAND S.W.	E <sup>o</sup> winds, moderate; veering later; dull, misty, rather cold.
9 IRELAND NORTH	Moderate to fresh breezes between SE. and SW.; cloudy, milder, some rain in W.
10 IRELAND SOUTH	-----D°-----D°-----D°-----

### WARNINGS

NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

25<sup>th</sup> JAN<sup>y</sup> 1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Dry.	Wet.		Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda	29.72	22	W	6	bc	29.52	+23	23	-7	S	4	5	*	30	21	0.08
Hernösand	30.00	21	S	2	0	29.79	+16	39	+3	SSW	2	0	*	2	28	0.12
Stockholm	30.14	36	W	2	0	30.10	+16	43	+6	W	4	0	*	46	34	-
Wisby	30.21	39	SW	2	6	30.17	+06	42	+2	SW	2	bc	*	43	36	-
†Bodö	29.65	27	W	2	0	29.21	-22	44	+17	SW	8	0	6	43	27	1.06
†Christiansund	29.76	42	SW	9	2	29.83	-14	49	+9	WSW	9	0	7	50	28	0.45
†Skudesnaes	30.29	45	WSW	4	0	30.35	+14	45	+1	WSW	2	0	3	45	2	-
Örö (Kinnarund)	30.30	44	SW	4	0	30.31	+10	44	0	SW	6	0	3	45	43	-
Skagen (The Skaw)	30.33	44	WSW	6	0	30.32	+08	43	0	W	7	0	7	45	41	-
Faro	30.55	42	W	4	3	30.52	+11	41	0	W	4	0	*	43	41	-
Cuxhaven	30.58	?	WSW	5	0	30.64	+15	34	-2	WSW	4	5	*	36	32	-
†Sumburgh Head	30.11	49	WSW	7	0	30.17	+04	48	+3	WSW	6	0	6	50	45	0.02
†Stornoway	30.27	51	SW	5	0 d	30.27	+08	50	0	SW	6	0 q	6	51	48	-
Wick	30.26	52	SW	4	0	30.30	+07	49	+5	W	3	bc	3	52	43	-
Nairn	30.34	50	SW	1	0	30.38	+11	47	0	SW	4	0	2	52	48	-
†Aberdeen	30.39	50	SW	3	6	30.45	+10	43	-2	SW	1	6	1	54	42	-
Leith	30.48	47	W	6	6	30.54	+08	46	-3	W	2	bc	*	50	44	-
†Shields	30.59	48	WSW	1	6	30.64	+11	40	-6	WSW	2	m	2	52	39	-
Spurn Head	30.65	42	W	2	6	30.67	+09	40	0	WSW	1	0 m	1	45	37	-
York	30.66	43	W	1	6	30.69	+08	33	-6	W	1	f	*	50	28	-
Nottingham	30.73	39	SW	1	6	30.73	+07	34	-1	SW	1	f	*	51	30	-
†Ardrossan	30.55	46	SW	4	0	30.57	+08	44	-1	SW	4	0	3	46	43	-
†Mullaghmore	30.55	50	SW	5	ogm	30.55	+05	44	-4	SW	5	ogm	4	50	42	-
Donaghadee	30.62	46	W	4	6	30.62	+06	40	-2	SW	4	6	2	50	39	-
Parsonstown	30.67	43	S	1	6	30.65	+01	40	+7	S	1	0	*	52	31	-
Barrow-in-Furness	30.64	44	WSW	3	6	30.65	+07	42	-2	S	3	0	2	43	41	-
†Holyhead	30.68	46	SW	3	6	30.66	+04	45	+1	SW	2	0 q	1	49	43	-
Liverpool (Biston)	30.69	43	SW	2	6	30.69	+07	43	+1	SSW	1	0	2	50	38	-
†Valencia	30.65	49	SSE	5	0	30.61	-02	45	-3	SSE	1	fg	1	53	43	-
Roche's Point	30.69	46	SW	4	6	30.64	00	45	-2	SSE	3	0	4	50	43	-
Pembroke	30.71	45	SW	1	0	30.67	-01	42	-5	SSE	2	0	1	47	41	-
†Scilly	30.66	45	E	4	om	30.61	-06	43	0	E	3	0	2	45	41	-
Prawle Point	30.70	42	E	4	0	30.68	-02	39	+5	ESE	4	0	4	43	33	-
Hurst Castle	30.74	40	ESE	1	m	30.71	-01	37	+5	E	1	m	1	42	30	-
†Dover	30.74	38	W	1	2	30.74	+04	33	-4	N	1	bc	0	42	32	-
†London	30.74	33	SW	1	2 f	30.74	+03	26	-6	W	0	f	*	44	25	-
Oxford	30.75	35	SW	1	6	30.75	+05	25	-9	W	0	f	*	48	24	-
Cambridge	30.72	36	SW	1	6	30.73	+06	28	-7	SW	1	6	*	49	27	-
†Yarmouth	30.69	43	W	1	bc	30.72	+08	37	+1	SW	1	f	2	47	34	-
†The Helder	30.71	40	SSW	2	c	30.73	+09	39	+2	SSW	3	f	2	41	37	-
Cape Gris Nez	30.74	34	S	3	6	30.75	+06	34	+1	ENE	1	0	1	39	?	-
†Jersey	30.73	33	E	2	om	30.72	+01	31	-3	E	2	f	2	37	30	-
Brest	30.67	37	E	3	m	30.64	+01	37	+2	ESE	3	m	2	37	32	-
†Lorient	30.59	34	ENE	4	m	30.59	+03	31	-1	E	4	m	2	34	28	-
†Rochefort	30.63	34	ENE	5	m	30.60	00	29	-4	E	5	f	1	45	25	-
Biarritz	30.56	44	E	4	c	30.56	+03	45	+9	E	4	c	2	50	32	-
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
†Brussels	*	*	*	*	*	30.78	+06	29	-1	ESE	1	0	*	34	28	-
Charleville	30.80	30	NNE	4	0	30.74	+07	28	-2	E	5	0	*	32	26	-
Paris	30.76	29	NE	1	0	30.76	+03	28	-3	W	0	0	*	*	*	-
Lyons	30.76	23	W	1	f	30.79	+09	25	-2	SSE	1	f	*	28	24	-
Toulon	30.66	48	W	0	6	30.69	+10	46	+1	E	4	6	2	54	45	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																
Hawes Junction	29.37	39	WSW	2	bc	29.38	-08	37	-4	W	1	bc	*	42	37	-

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

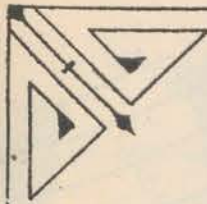
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudeanaes ...	30.31	45	44	WSW	2	0	3	Valencia ...	30.64	52	49	SSE	4	0	4
Sumburgh Head	30.08	49	48	WSW	5	0	4	Scilly ...	30.67	45	41	E	4	om	2
Stornoway ...	30.24	51	50	WSW	6	0	5	Dover ..	30.71	42	39	W	2	6	1
Aberdeen ...	30.36	52	48	S	2	6	1	London ...	30.71	42	40	WSW	1	6	*
Shields ...	30.56	52	47	W	3	6	2	Yarmouth ...	30.66	46	44	WSW	2	6	2
Ardrossan ..	30.53	46	46	SW	4	0	3	Jersey ...	30.72	37	35	E	3	6	3
Mullaghmore ...	30.55	49	47	SW	5	ogm	4	Rochefort ...	30.58	38	37	ENE	5	m	2
Holyhead ..	30.66	48	46	SW	3	6	2								

Pressure is inclined to increase, but has not changed much since the morning. The wind is generally SW<sup>y</sup> and the weather fair, while in the N. temperature is very high for the season.

## 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

THURSDAY 26<sup>TH</sup> JANUARY.

1882

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METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

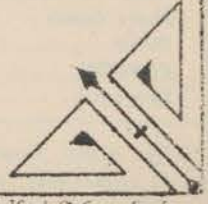
S. W.

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ROBERT H. SCOTT

(SECRETARY.)





*Printed by T. D. B. at the Victoria St. Press.*



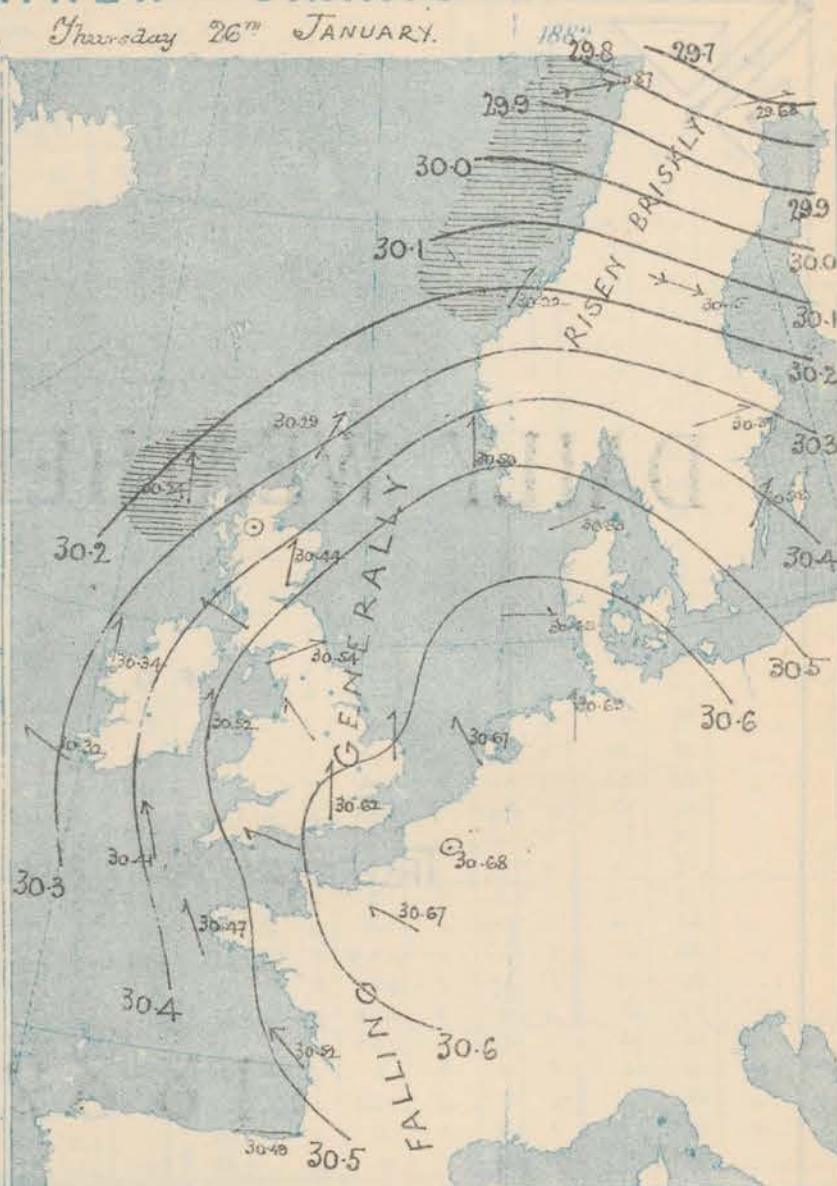
for 8 a m on Thursday 26<sup>m</sup> JANUARY.

*Explanation of Map*

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

## for the month of January

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



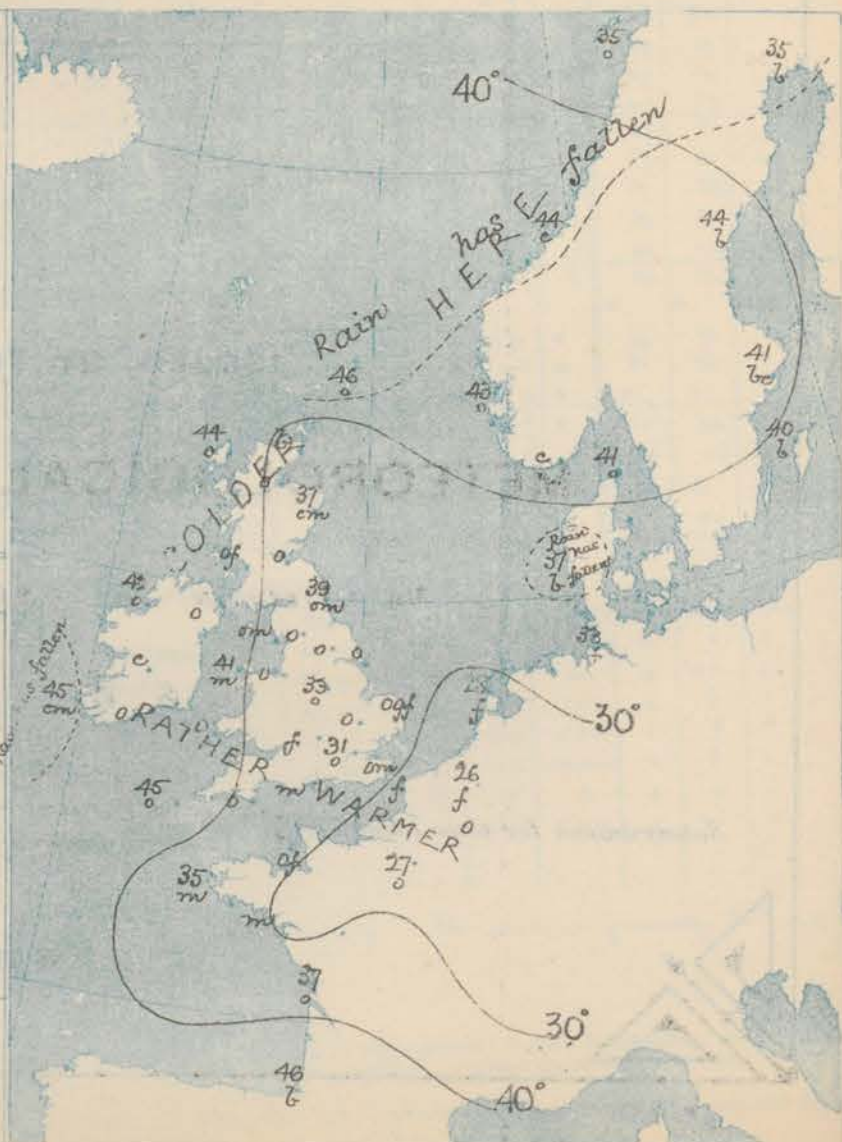
## with RAINFALL in PAST 24 HOURS

### Explanation of Map

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

## for the month of January

\* 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 26<sup>th</sup> JAN<sup>y</sup>

1882 at 8 a.m.

A considerable, but comparatively uniform, decrease of pressure has occurred over these Islands and France, and there are signs of the present quiet weather giving way to more unsettled conditions. The area of highest pressure, now 30.6 ins., lies over the extreme SE. of England, the NE. of France and N Germany, while a depression is apparently approaching our W coast. In Scandinavia the barometer is rising, and the depression which existed there yesterday has passed away. The winds have shifted to SE. over France and the Channel, and to S. in most other places, it blows freshly in the SW., and strongly at ~~For~~ way, but is moderate or light generally. Temperature has risen in the S. and readings range from 47° at Roches Point and 46° at Sumburgh Head to 31° in the south-east of England, while in the NE. of France, frost is still reported. The fog has cleared in most places, and the weather has become dull, but during the past 24 hours there has again been an almost complete absence of rain.

Sea is slight or smooth except near the Hebrides, and off the W. coast of Norway.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

27<sup>th</sup> JANUARY.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	S <sup>ty</sup> winds, strong to a gale; dull, some rain.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND N.E.	SW <sup>ty</sup> winds, increasing; dull, milder.
4 ENGLAND EAST	Same as N° 5
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND SOUTH	SE <sup>ty</sup> and SW <sup>ty</sup> winds, increasing somewhat; cloudy, fair, milder.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	SE <sup>ty</sup> and S <sup>ty</sup> winds, fresh to strong; dull, some rain.
7 ENGLAND N.W.	-----D°-----D°-----D°-----
8 ENGLAND S.W.	S <sup>ty</sup> winds, strong and increasing; dull, mist;
9 IRELAND NORTH	S <sup>ty</sup> winds, increasing, perhaps a gale; dull, misty, some rain.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The S. cone has been hoisted this morning in district O. and part I.



# METEOROLOGICAL OBSERVATIONS FOR

26<sup>th</sup> JAN<sup>y</sup>

1882

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.28	36	SW	4	0	29.68	+16	35	33	+12	W	4	6	*	37	18	0.24		
Hernösand	29.72	43	SW	4	0	30.15	+36	44	36	+5	W	8	6	*	48	28	-		
Stockholm	30.06	42	SW	4	0	30.34	+27	41	36	-2	W	4	6	*	48	36	-		
Wisby	30.22	41	SW	4	0	30.38	+21	40	39	-2	WSW	2	6	*	45	37	-		
Bodö	29.11	39	SW	8	1	29.87	+66	35	32	-9	W	8	0	6	?	34	0.24		
Christiansund	29.94	46	WSW	9	1	30.22	+39	44	39	-5	SW	4	0	6	?	32	0.51		
†Skudesnaes	30.45	45	WSW	4	0	30.50	+15	43	43	-2	S	4	0	4	45	?	-		
Oxö (Xiansund)	30.41	45	WSW	4	0	30.53	+22	43	42	-1	SW	4	0	3	45	41	-		
Skägen (The Skaw)	30.43	42	WSW	6	0	30.53	+21	41	41	-2	WSW	4	0	4	45	39	-		
Fanö	30.65	39	W	4	0	30.69	+11	37	37	-4	W	1	6	*	43	37	0.04		
Cuxhaven	30.67	?	WSW	2	5	30.69	+05	38	38	-1	S	1	5	*	36	32	-		
†Sumburgh Head	30.23	48	WSW	4	0	30.29	+12	46	44	-2	SW	3	0	4	49	45	0.08		
†Stornoway	30.39	49	SSW	4	0	30.26	-01	44	41	-6	S	4	0	6	50	44	-		
Wick	30.42	46	W	2	0	30.32	+02	38	36	-11	W	2	6	2	51	37	-		
Nairn	30.43	44	SW	4	0	30.37	-01	40	38	-9	Z	0	0	1	50	40	-		
†Aberdeen	30.44	43	SW	3	0	30.44	-01	37	35	-6	SSW	3	0	1	50	32	-		
Leith	30.56	43	W	1	0	30.50	-04	39	36	-7	SSW	1	0	*	49	31	-		
†Shields	30.65	44	W	2	cm	30.54	-10	39	36	-1	WSW	1	cm	2	45	36	-		
Spurn Head	30.68	40	ESE	1	0	30.56	-11	37	36	-3	SSE	4	0	3	44	36	-		
York	30.68	41	SSW	1	0	30.58	-11	36	35	+3	S	1	0	*	43	32	-		
Nottingham	30.70	39	SW	2	0	30.60	-13	38	33	-1	SE	1	0	*	43	32	-		
†Ardrossan	30.58	45	SW	3	0	30.45	-12	41	41	-3	ESE	3	0	3	47	40	-		
†Mullaghmore	30.53	43	S	4	0	30.34	-21	42	40	-2	S	4	0	3	45	40	-		
Donaghadee	30.62	36	SW	2	0	30.45	-17	43	41	+3	S	5	0	3	45	33	-		
Parsonstown	30.59	41	SE	1	0	30.37	-28	41	39	+1	SSE	2	0	*	42	39	-		
Barrow-in-Furness	30.63	41	S	3	0	30.51	-14	37	35	-5	ESE	4	cm	2	43	35	-		
†Holyhead	30.65	41	S	2	0	30.52	-14	41	40	-4	S	3	0	2	45	38	-		
Liverpool (Biston)	30.67	37	SE	2	0	30.54	-15	36	34	-7	SE	2	0	2	44	36	-		
†Valencia	30.52	45	SE	2	cm	30.32	-29	45	44	0	ESE	4	cm	4	48	43	0.13		
Roche's Point	30.61	45	SSSE	3	0	30.37	-27	47	45	+2	S	5	0	4	50	41	-		
Pembroke	30.62	43	SE	2	0	30.47	-20	42	40	0	SE	3	0	2	44	41	-		
†Scilly	30.56	45	SSSE	2	0	30.41	-20	45	44	+2	SSE	5	0	3	45	41	-		
Prawle Point	30.64	40	E	4	0	30.51	-17	40	39	+1	ESE	4	0	3	42	37	-		
Hurst Castle	30.67	40	ESE	3	m	30.58	-13	36	35	-1	ESE	2	m	3	41	34	-		
†Dover	30.71	35	ESE	2	0	30.62	-12	31	31	-2	SSW	2	cm	1	39	30	-		
†London	30.70	30	Z	0	f	30.62	-12	31	30	+5	S	1	0	*	37	26	-		
Oxford	30.69	35	WSW	1	f	30.59	-16	33	32	+8	SSE	1	f	*	36	25	-		
Cambridge	30.69	38	Z	0	c	30.60	-13	31	30	+3	SW	1	0	*	46	27	-		
†Yarmouth	30.70	39	S	2	c	30.60	-12	34	33	-3	S	3	0	2	42	32	-		
The Helder	30.75	35	SSW	1	f	30.64	-06	28	28	-11	SSE	1	f	1	41	28	-		
Cape Gris Nez	30.71	28	ENE	3	m	30.61	-14	28	28	-6	SE	1	f	0	36	27	-		
†Jersey	30.67	31	S	2	f	30.55	-17	31	30	0	ESE	2	0	2	32	30	-		
Brest	30.61	36	SE	1	m	30.47	-17	35	34	-2	SSE	4	m	2	37	32	-		
Lorient	30.54	32	ENE	1	m	30.43	-16	30	30	-1	E	5	m	2	34	28	-		
†Rochefort	30.54	39	E	5	0	30.52	-08	37	36	+8	SE	5	0	2	46	?	-		
Biarritz																			
Corunna																			
Brussels						30.68	-10	26	26	-3	ESE	1	f	*	30	25	-		
Charleville	30.71	27	SE	4	0	30.67	-07	25	23	-3	ESE	5	0	*	30	24	-		
Paris	30.72	28	Z	0	0	30.67	-09	27	27	-1	ESE	3	0	*			-		
Lyons																			
Toulon																			

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

Hawes Junction	29.38	37	W	1	0	29.26	-12	33	32	-4	SSW	1	0	*	39	32	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

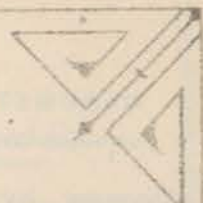
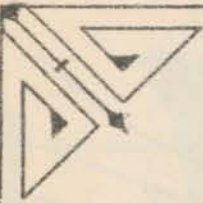
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.40	45	44	WSW	2	0	3	Valencia ...	30.55	46	43	SE	1	om	2
Sumburgh Head	30.20	49	45	WSW	7	0	6	Scilly ...	30.59	43	41	E	3	0	2
Stornoway ...	30.37	50	47	WSW	6	0	5	Dover ..	30.71	37	36	SE	3	c	1
Aberdeen ...	30.46	48	45	S	2	0	1	London ...	30.71	37	36	Z	0	fg	*
Shields ...	30.64	45	41	W	2	0	2	Yarmouth ...	30.70	42	41	SSW	1	2f	2
Ardrossan ...	30.57	46	45	SW	4	0	3	Jersey ...	30.69	31	31	ESE	2	f	2
Mullaghmore ...	30.56	45	41	SSW	5	0	3	Rochefort ...	30.59	41	39	SE	5	m	2
Holyhead ..	30.67	43	40	S	2	mg	1								

Pressure continues to decrease in Ireland, but the general distribution is comparatively little altered, so that the winds are unchanged, and the weather remains very foggy 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 (fog) 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).





# DAILY WEATHER REPORT

F O R

FRIDAY 27<sup>TH</sup> JANUARY

1882

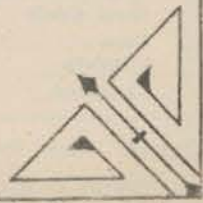
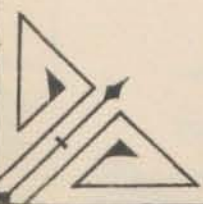
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ISSUED BY THE  
METEOROLOGICAL OFFICE

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S. W.

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D<sup>s</sup> D<sup>s</sup> Bookpost 5<sup>s</sup> D<sup>s</sup>



ROBERT H. SCOTT  
(SECRETARY.)

*Printed by Dungefield, Ltd. 22, Bedford St. (over garden).*



# WEATHER CHARTS

for 8 a m on FRIDAY 27<sup>th</sup> JANUARY 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 force, thus:  
\* forces above 10; \* forces 8 to 10  
\* forces 5 to 7; \* forces 1 to 4  
○ dead calm.

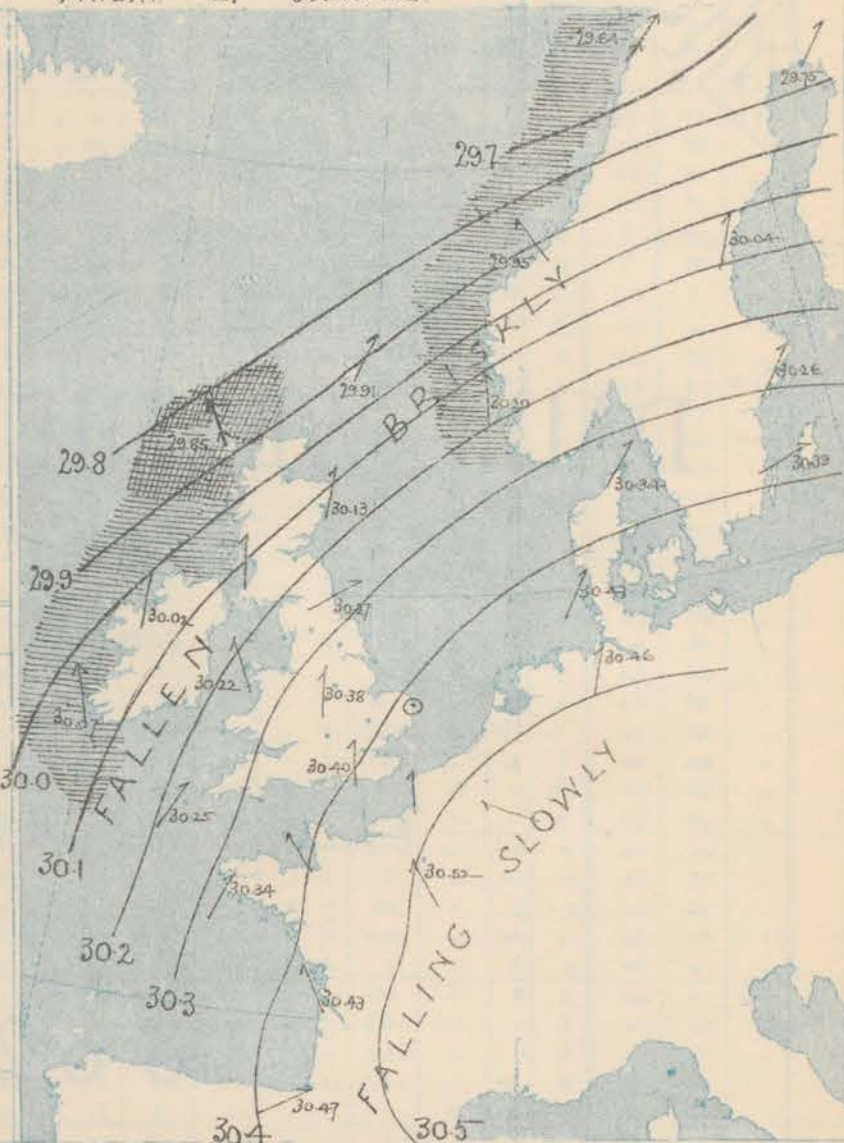
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings in.
Nairn	29.584
Aberdeen	29.627
Leith	29.680
Scarborough	29.766
Ardrossan	29.678
Greenock	29.650
Holyhead	29.730
Valencia	29.724
Rochester	29.755
Plymouth	29.866
LONDON	29.809
Farmouth	29.867

\* 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.

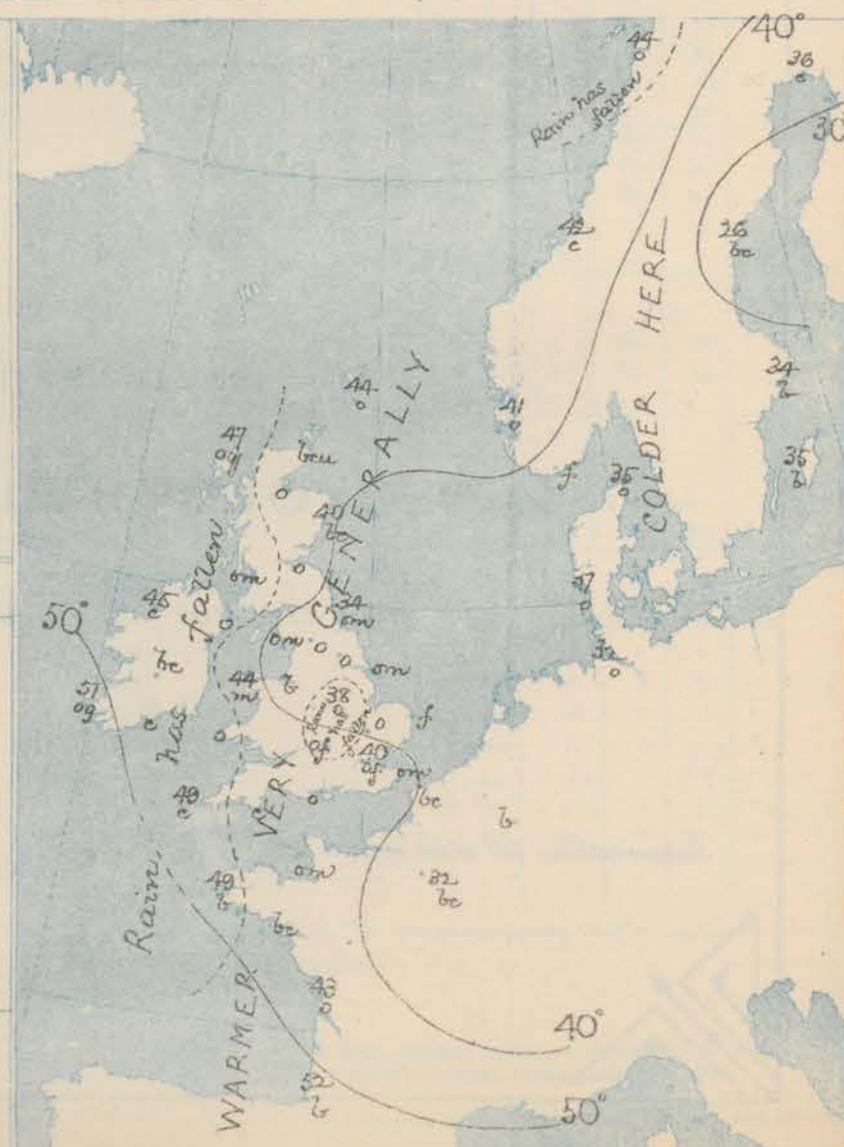
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

\* for the month of January

Stations	Temp	Rain-fall
Scarborough Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shetland	37.5	1.98
York	37.7	1.89
Malinbeg	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.67
Valencia	43.1	7.70
Sally (St Mary's)	45.2	5.18
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Farmouth	38.3	2.04

\* The mean Temperatures are those for the 13 years 1871-83, the mean amounts of Rain are those for the 10 years 1866-75.





# REMARKS

for Friday 27<sup>th</sup> JANY.

1863 at 8 a.m.

A decided decrease of pressure has taken place over the whole of W. Europe, the anticyclone has retreated E<sup>wards</sup> to the E. of France and N. Germany, and gradients for S<sup>t</sup> winds have been formed over these Islands, and are increasing. The wind remains SE<sup>t</sup> over the Netherlands, but is S<sup>t</sup> and SW<sup>t</sup> at nearly all our stations, and over Scandinavia. It is still generally moderate or light in force, but blows strongly in some parts of Ireland and Norway, and reaches a gale in the Hebrides and at Bodø. Temperature has risen except in the NE of England and in Norway and Sweden, and readings range from 51° at Valencia to 34° at Shields, 32° at Paris and 26° over the Gulf of Bothnia.

The weather is fine over France, the NE. of Scotland and Sweden, but is dull generally, fog and mist still prevail over the SE and E- part of England, and slight rain has fallen during the past 24 hours in the SW. and W.

The sea is rough at Valencia, Mullaghmore and Stornoway, as well as off the Norwegian coast.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

ISSUED AT 11 a.m. on previous day

28<sup>th</sup> JANUARY

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

S<sup>W</sup> winds, strong to a gale, cloudy, squally, rain.

6 SCOTLAND WEST

S<sup>W</sup> (SE-SW) winds, fresh to strong and squally; dull, some rain.

2 SCOTLAND EAST

SW<sup>W</sup> winds, moderate, but freshening, fair to dull and some rain.

7 ENGLAND N.W.

-----D°-----D°-----D°-----

3 ENGLAND N.E.

-----D°-----D°-----D°-----

8 ENGLAND S.W.

S<sup>W</sup> winds, moderate and fresh; cloudy, misty, slight rain.

4 ENGLAND EAST

Same as N° 5

9 IRELAND NORTH

S<sup>W</sup> winds, strong and squally, in places; cloudy, misty, mild slight rain.

5 MIDLAND COUNTIES

Same as N° 5.

10 IRELAND SOUTH

-----D°-----D°-----D°-----

6 ENGLAND SOUTH

S<sup>W</sup> winds, moderate to fresh; cloudy and misty, milder, with perhaps drizzling rain tonight.

### WARNINGS

The S. cone was hoisted yesterday in districts N°s 0. 1. 6 and 9.



# METEOROLOGICAL OBSERVATIONS FOR

27<sup>th</sup> July

1882

† 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	29.80	35	SW	4	bc	29.75	+ 0.1	36	33	+ 1	SW	4	0	*	36	27	-			
Hernösand	30.30	34	Z	0	bc	30.04	- 1.1	26	?	- 18	SSW	2	bc	*	48	?	-			
Stockholm	30.41	40	SW	6	0	30.26	- 1.1	34	32	- 1	WSW	4	bc	*	45	34	-			
Wisby	30.45	37	SSW	2	bc	30.39	+ 0.1	35	34	- 1	WSW	4	bc	*	43	36	-			
Bodö	29.73	42	SW	9	bc	29.64	- 0.23	44	41	+ 3	SW	9	0	bc	45	30	0.20			
Christiansund	30.08	44	W	4	bc	29.95	- 0.24	42	37	- 5	SSE	3	0	bc	45	27	-			
†Skudesnaes	30.40	42	S	6	0	30.20	- 0.30	41	39	- 2	S	6	0	5	43	?	-			
Oxö (Xiansund)	30.47	41	SW	4	0	30.27	- 0.26	39	38	- 1	SW	6	f	3	40	37	-			
Skagen (The Skaw)	30.51	40	WSW	5	0	30.34	- 0.19	35	34	- 1	SW	4	0	4	41	32	-			
Fanö	30.53	35	S	4	m	30.43	- 0.26	37	34	+ 3	SW	3	0	*	37	34	-			
Cuxhaven	30.58	?	S	1	f	30.46	- 0.23	32	31	- 1	SSW	1	0	*	?	25	-			
†Sumburgh Head	30.44	42	SW	3	bc	29.91	- 0.38	44	42	- 2	SW	4	0	4	46	40	-			
†Stornoway	30.04	40	S	6	bc	29.85	- 0.41	47	45	+ 2	SSW	8	0	4	47	42	0.01			
Wick	30.16	43	SW	4	bc	29.96	- 0.36	44	42	+ 2	SW	4	bc	3	44	37	-			
Nairn	30.19	42	SW	1	c	30.00	- 0.37	46	44	+ 2	Z	0	0	1	46	36	-			
†Aberdeen	30.29	39	S	4	0	30.13	- 0.31	40	39	+ 1	SSW	4	bc	2	40	36	-			
Leith	30.32	40	ESE	3	bc	30.17	- 0.35	42	40	+ 2	SW	1	0	*	47	36	-			
†Shields	30.41	37	SW	3	0	30.27	- 0.27	34	34	- 1	WSW	2	0	2	39	32	-			
Spurn Head	30.45	34	S	4	0	30.37	- 0.19	37	37	0	S	4	0	3	37	30	-			
York	30.45	36	S	1	0	30.34	- 0.24	35	34	- 1	S	2	0	*	38	32	-			
Nottingham	30.48	32	S	3	0	30.38	- 0.22	38	36	+ 2	S	3	0	*	39	30	0.01			
†Ardrossan	30.28	43	S	4	0	30.13	- 0.32	45	44	+ 1	S	4	0	3	45	39	0.01			
†Mullaghmore	30.17	46	S	5	cm	30.02	- 0.32	45	43	+ 2	S	5	0	5	48	42	-			
Donaghadee	30.30	43	SW	5	c	30.15	- 0.30	45	44	+ 1	SSW	6	0	4	45	41	0.02			
Parsonstown	30.24	44	SSE	2	c	30.12	- 0.28	42	40	+ 2	S	2	bc	*	45	40	0.00			
Barrow-in-Furness	30.39	37	ESE	4	c	30.26	- 0.25	37	36	+ 1	SSE	4	0	3	39	34	-			
†Holyhead	30.37	41	S	3	m	30.22	- 0.30	44	42	+ 2	SSE	3	m	2	44	40	-			
Liverpool (Bidston)	30.40	34	SE	3	bc	30.29	- 0.25	35	34	+ 1	SE	2	bc	2	38	33	-			
†Valencia	30.15	49	SE	6	c	30.07	- 0.25	51	49	+ 2	SSE	6	0	6	52	45	0.17			
Roche's Point	30.20	46	S	5	0	30.15	- 0.22	48	46	+ 2	SSW	5	0	4	50	45	0.18			
Pembroke	30.41	42	SE	4	0	30.22	- 0.25	46	46	0	SSE	4	0	2	46	40	0.01			
†Scilly	30.29	46	SE	5	0	30.25	- 0.16	49	48	+ 1	SW	4	0	4	49	44	0.10			
Prawle Point	30.40	42	ESE	3	0	30.31	- 0.20	48	48	0	S	3	0	3	48	39	-			
Hurst Castle	30.44	40	SSE	3	0	30.27	- 0.21	44	44	0	S	2	0	3	45	35	-			
†Dover	30.52	34	S	2	bc	30.43	- 0.19	42	41	+ 1	SSW	0	0	2	42	31	-			
†London	30.51	34	S	1	0	30.40	- 0.22	40	40	0	S	1	0	*	40	30	-			
Oxford	30.46	35	SE	2	0	30.36	- 0.23	41	40	+ 1	SSE	2	0	*	42	32	0.02			
Cambridge	30.50	32	S	1	0	30.38	- 0.22	37	37	0	S	1	0	*	37	30	-			
†Yarmouth	30.51	33	WSW	2	0	30.41	- 0.19	36	36	0	Z	0	f	2	36	31	-			
†The Helder	30.56	28	S	1	f	30.47	- 0.20	29	28	+ 1	S	1	f	1	34	27	-			
Cape Gris Nez	30.52	28	SE	1	bc	30.45	- 0.16	35	34	+ 1	S	1	bc	1	?	?	-			
†Jersey	30.45	39	SE	3	f	30.41	- 0.14	42	42	+ 1	SSE	1	0	2	42	31	-			
Brest	30.31	44	SW	5	f	30.34	- 0.13	49	49	+ 1	SW	4	bc	3	?	32	0.12			
Lorient	30.32	42	SE	5	m	30.31	- 0.12	48	46	+ 2	SW	3	bc	2	?	28	-			
†Rochefort	30.41	46	SSE	4	bc	30.43	- 0.09	43	42	+ 1	SSE	4	0	2	42	30	-			
Biarritz	30.45	57	S	3	c	30.47	- 0.02	52	44	+ 8	WSW	4	bc	2	61	46	-			
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
Brussels	*	*	*	*	*	30.50	- 0.18	38	31	+ 7	ESE	3	bc	*	37	?	-			
Charleville	30.61	28	SE	4	bc	30.55	- 0.14	25	23	+ 2	ESE	4	bc	*	50	24	-			
Paris	30.54	34	SE	3	bc	30.52	- 0.15	32	31	+ 1	SE	4	bc	*	*	*	-			
Lyons	30.69	27	NE	1	m	30.66	- 0.12	22	22	0	S	1	f	*	31	21	-			
Toulon	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	29.43	30	N	1	bc	29.02	- 0.24	33	32	0	N	1	0	*	34	28	-			

## HIGH LEVEL STATION.

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

Hawes Junction	29.43	30	N	1	bc	29.04	-0.24	33	32	0	N	1	0	34	28	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes ...	30.49	43	42	S	4	0	1	Valencia ...	30.21	49	47	SE	5	nm	5
Sumburgh Head	30.20	43	39	SW	4	0	4	Scilly ...	30.33	47	46	SE	5	0	4
Stornoway ...	30.17	45	42	SEE	6	C	6	Dover ..	30.55	35	35	SSW	3	og	2
Aberdeen ...	30.34	40	38	S	5	C	2	London ...	30.54	35	33	SSE	3	0	*
Shields ...	30.44	38	36	SW	2	nm	2	Yarmouth ...	30.53	34	33	SSW	2	nm	2
Ardrossan ...	30.34	42	42	SSE	4	L	3	Jersey ...	30.48	39	37	SE	3	f	3
Mullaghmore ...	30.22	48	43	S	5	lv	5	Rochefort ...	30.42	49	46	SE	5	6	2
Holyhead ...	30.41	41	38	S	5	nv	4								

Pressure continues to decrease everywhere, and rain with a fresh SW wind is reported from Valencia. The weather is dull generally, and temperature ranges from 49° at Valencia to 34° at Yarmouth.

## 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 28<sup>TH</sup> JANUARY.

1882

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>s</sup> D<sup>s</sup> Bookpost 5<sup>s</sup> D<sup>s</sup>

ROBERT H. SCOTT

(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on Saturday, 28<sup>th</sup> JANUARY.

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 force, thus:  
 → forces above 10; → forces 8 to 10  
 → forces 5 to 7; → forces 1 to 4.  
 ☉ dead calm.

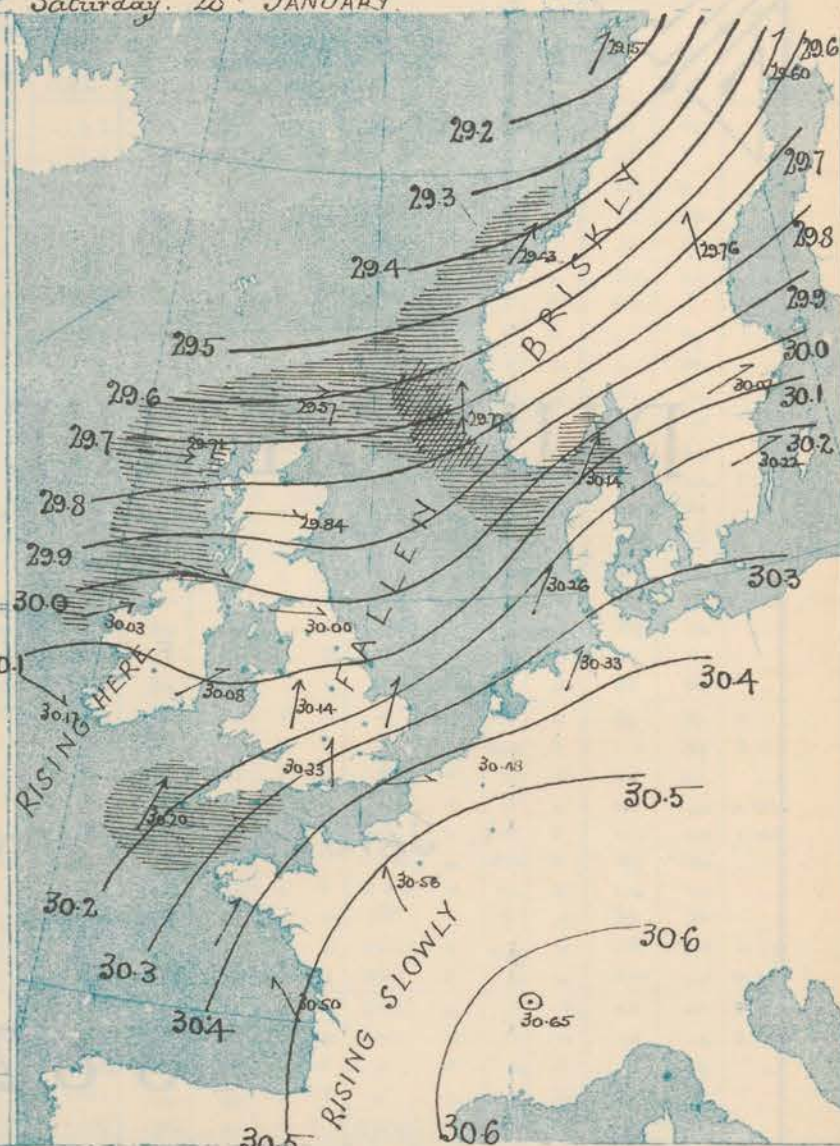
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings Ins.
Nairn	29.584
Aberdeen	29.627
Leith	29.669
Scarborough	29.706
Ardrossan	29.678
Greenacastle	29.650
Holyhead	29.750
Valentia	29.722
Roches Pt.	29.755
Plymouth	29.866
LONDON	29.869
Yarmouth	29.897

\* 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.

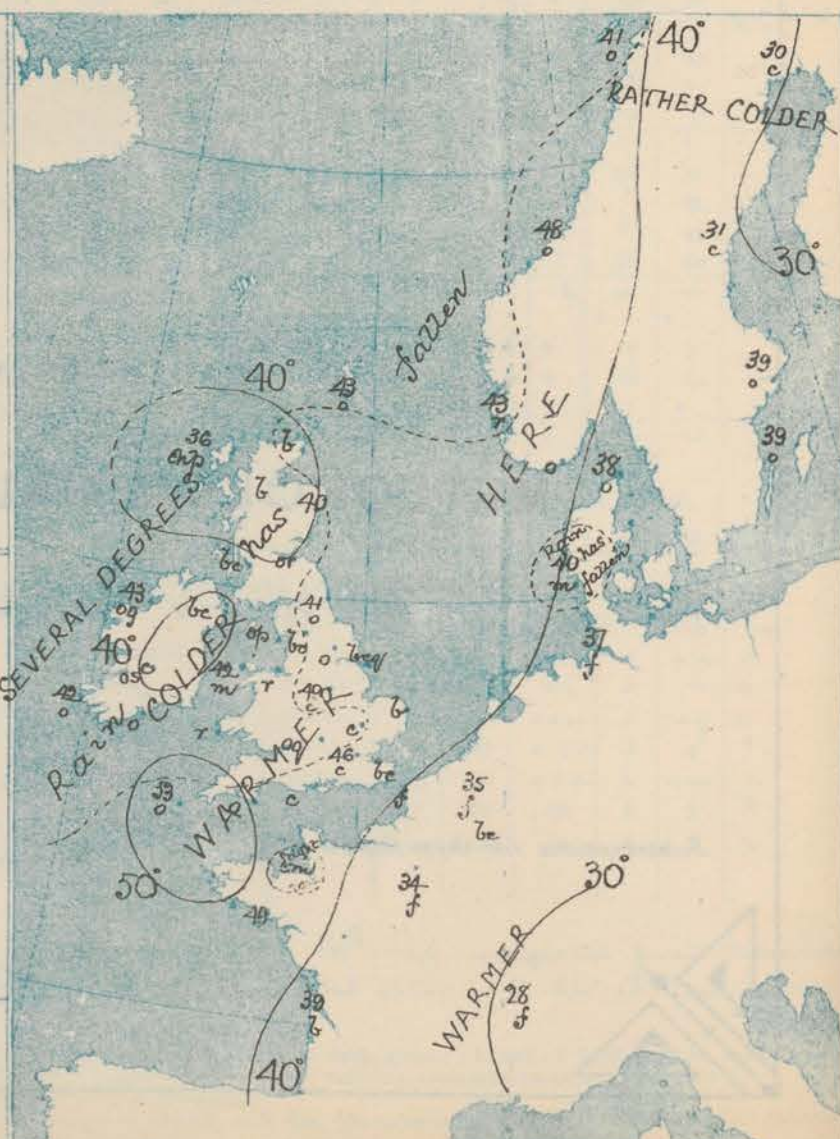
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	39.0	3.00
Stornoway	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghnore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.4	5.18
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

\* 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 28<sup>th</sup> JAN<sup>y</sup> 1882 at 8 a.m.

A large depression has appeared during the past night and is occasioning a brisk fall over of the barometer over Scandinavia, (Denmark, and our more E- districts, while a small secondary depression which apparently exists off the south of Ireland is causing a decrease of pressure in the SW. also. On our western and northern coasts on the contrary a recovery is reported. A SW<sup>ly</sup> gale prevailed during yesterday or last night over Ireland, Scotland, and the north of England, and strong to fresh winds between SW. and W. continue over nearly the whole of Western Europe. The weather is fine at several of our northern and eastern stations, as well as in the W. of France, but elsewhere the sky is overcast, and in many places rain is falling. Temperature has risen over the south of England and the countries to the E<sup>nd</sup> of the North Sea, fallen elsewhere and readings range from 53° at Scilly to 36° at Stromway and 34° at Paris. During yesterday the maxima exceeded 50° in the south-west and west. The sea is rough off our extreme south-western, western, northern, and the Norwegian coast.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

29<sup>th</sup> JANUARY.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Strong W <sup>ly</sup> winds, backing and increasing; cloudy, rain.
2 SCOTLAND EAST	W <sup>ly</sup> and SW <sup>ly</sup> winds, strong; unsettled, showery.
3 ENGLAND N.E.	D°-----D°-----D°-----
4 ENGLAND EAST	Same as No 5.
5 MIDLAND COUNTIES	Same as No 5.
6 ENGLAND SOUTH	S <sup>ly</sup> to W <sup>ly</sup> winds, strong, squally; unsettled, rain this evening then fair morning.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	SW <sup>ly</sup> winds, strong, squally, showery.
7 ENGLAND N.W.	D°-----D°-----D°-----
8 ENGLAND S.W.	SW <sup>ly</sup> to W <sup>ly</sup> winds, strong, squally, unsettled, showery.
9 IRELAND NORTH	SW <sup>ly</sup> and W <sup>ly</sup> winds, strong and squally; dull, unsettled, showery.
10 IRELAND SOUTH	D°-----D°-----D°-----
WARNINGS	The S. cone still flies in districts Nos 6, 7, 9, and 10.



# METEOROLOGICAL OBSERVATIONS FOR

28 JAN

1882

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.		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	29.70	31	Sw	2	b	29.60	-1.15	30	29	-6	Sw	2	c	*	36	28	-		
Hernösand	30.34	30	Sw	0	b	29.76	-1.28	31	30	+5	S	1	c	*	36	25	-		
Stockholm	30.13	35	Sw	6	b	30.07	-1.19	39	36	+5	WSW	4	0	*	41	30	-		
Wisby	30.32	38	W	6	c	30.22	-1.17	39	37	+4	WSW	4	0	*	39	34	-		
Bodö	20.58	36	Sw	1	S	29.15	-1.49	41	40	-3	SWW	4	0	2	45	32	0.43		
Christiansund	29.77	46	Sw	6	c	29.43	-1.52	48	41	+6	SW	7	0	6	48	36	-		
†Skudesnaes	30.12	42	S	8	0	29.77	-1.43	43	43	+2	S	8	2	7	43	41	-		
Oxö (Xiansund)	30.24	41	SSW	6	0	30.02	-1.25	42	41	+3	SSW	6	0	3	?	39	-		
Skagen (The Skaw)	30.29	40	WSW	4	0	30.14	-1.20	38	37	+3	SW	6	0	6	41	34	0.08		
Fanö	30.40	36	SSW	4	m	30.26	-1.17	40	40	+3	SW	4	m	*	41	32	-		
Cuxhaven	30.42	?	S	1	bc	30.33	-1.3	37	37	+5	SW	4	f	*	?	28	-		
†Sumburgh Head	29.75	45	SSW	5	c	29.57	-1.34	43	37	-1	W	6	0	6	46	40	0.03		
†Stornoway	29.64	47	S	9	h	29.71	-1.4	36	35	-11	W	6	clp	6	47	35	0.32		
Wick	29.70	43	SSW	6	0	29.43	-1.23	37	35	-7	W	4	6	4	48	35	-		
Nairn	29.81	46	Sw	3	c	29.31	-1.19	37	36	-9	SW	1	6	1	49	36	0.10		
†Aberdeen	29.95	44	SSW	6	c	29.34	-1.29	40	39	0	W	1	bc	8	47	39	0.16		
Leith	30.00	47	Sw	6	bc	29.92	-1.25	40	38	-2	W	2	0	*	52	38	0.15		
†Shields	30.15	41	Sw	3	bc	30.00	-1.24	41	40	+7	W	3	0	2	41	34	-		
Spurn Head	30.28	41	S	4	0	30.07	-1.30	44	43	+7	SSW	6	bcy	3	44	37	-		
York	30.25	43	S	2	c	30.06	-1.28	42	46	+13	S	3	0	*	48	34	-		
Nottingham	30.29			3	b	30.14	-1.24	49	46	+11	SSW	5	c	*	49	37	-		
†Ardrossan	30.00	47	S	4	om	29.99	-1.4	41	41	-4	W	3	bc	2	48	40	0.35		
†Mullaghmore	29.82	50	Sw	3	ng	30.03	+0.01	43	40	-2	WSW	5	og	5	51	40	0.40		
Donaghadee	30.00	48	SSW	7	c	30.04	-0.08	37	37	-8	SSW	2	bc	0	49	37	0.27		
Parsonstown	29.99	51	S	4	0	30.15	+0.03	37	36	-5	S	1	c	*	52	36	0.46		
Barrow-in-Furness	30.19	42	SE	5	b	30.05	-1.21	41	40	+4	WNW	4	op	3	48	36	0.07		
†Holyhead	30.15	49	SSW	6	0	30.08	-1.44	42	41	-2	WSW	2	m	2	49	41	0.32		
Liverpool (Bidsdon)	30.21	43	SSW	2	b	30.12	-1.7	41	40	+6	WNW	2	h	3	52	38	0.20		
†Valencia	29.97	50	Sw	5	nmg	30.17	+1.10	42	40	-9	WNW	2	0	2	52	38	0.07		
Roche's Point	30.06	48	SSW	6	0	30.18	+0.03	40	39	-8	SE	1	0	4	53	39	0.25		
Pembroke	30.22	48	SSW	4	bc	30.14	-0.08	42	42	-4	WSW	3	h	3	50	42	0.13		
†Scilly	30.28	50	SSW	6	c	30.20	-0.05	53	52	+4	SSW	7	0	6	55	47	-		
Prawle Point	30.38	49	SSW	4	c	30.29	-0.02	50	50	+2	SSW	5	0	5	54	46	-		
Hurst Castle	30.38	48	WSW	4	bc	30.32	-0.05	47	46	+3	SW	6	c	4	49	44	-		
†Dover	30.44	46	Sw	3	c	30.38	-0.05	45	44	+3	W	4	bc	3	47	41	-		
†London	30.39	44	SSW	2	b	30.33	-0.07	46	45	+6	S	3	c	*	47	40	-		
Oxford	30.35	43	SSW	2	b	30.24	-1.2	48	46	+7	S	6	og	*	48	41	0.01		
Cambridge	30.35	43	S	1	0	30.24	-1.4	45	44	+8	S	1	c	*	45	36	0.02		
†Yarmouth	30.37	41	WSW	1	cj	30.26	-1.5	43	42	+7	SSW	3	3	3	43	35	-		
†The Helder	30.41	33	S	1	b	30.34	-1.3	38	37	+9	SSW	3	0	2	41	28	-		
Cape Gris Nez	30.45	44	S	5	m	30.42	-0.03	40	40	+5	S	5	f	3	46	34	-		
†Jersey	30.46	45	S	3	f	30.42	+0.01	46	46	+4	S	3	em	3	48	41	0.01		
Brest	30.41	50	SSW	4	b	30.33	-0.01	51	50	+2	SSW	5	0	3	52	46	-		
Lorient	30.40	48	SSW	3	b	30.35	+0.04	49	48	+1	SW	?	?	2	54	45	-		
†Rocheport	30.49	50	WNW	3	b	30.50	+0.01	39	37	-4	SE	3	6	2	54	34	-		
Biarritz																			
Corunna																			
Brussels						30.48	-0.02	35	35	+2	W	4	f	*	44	35	-		
Charleville	28.49	32	ENE	1	b	?	?	35	32	+10	S	4	bc	*	39	?	-		
Paris	30.49	41	SSW	2	b	30.56	+0.04	34	34	+2	SSW	1	f	*			-		
Lyons	30.62	32	SW	1	b	30.65	-0.01	28	28	+6	ENE	1	f	*	41	?	-		
Toulon																			

## HIGH LEVEL STATION.

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

Hawes Junction	28.93	41	Sw	2	0	28.98	-1.24	37	37	+4	SW	3	bc	45	32	0.30
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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 ...	30.19	43	41	SSW	6	0	5	Valencia ...	29.99	52	50	S	7	omw	7
Sumburgh Head	29.84	46	44	SW	4	c	4	Scilly ...	30.29	55	52	SSW	6	c	4
Stornoway ...	29.73	47	45	SSW	9	og	8	Dover ..	30.40	46	45	SW	3	bc	2
Aberdeen ...	30.04	43	41	S	5	bc	3	London ...	30.37	47	46	S	2	om	*
Shields ...	30.21	41	39	S	3	m	2	Yarmouth ...	30.37	41	40	SW	1	f	1
Ardrossan ...	30.05	45	45	S	5	c	4	Jersey ...	30.43	47	46	SSW	2	c	3
Mullaghmore ...	29.91	50	47	SSW	7	0	6	Rocheport ...	30.46	51	50	SSS	4	b	2
Holyhead ...	30.23	49	47	SSW	6	0	4								

Pressure continues to decrease generally - most in the W. and the wind at Stornoway has risen to a hard gale from the S. The weather is cloudy or dull generally, and temperature ranges from 52° at Valencia to 41° on our east 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) 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 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

SUNDAY 29<sup>th</sup> JANUARY

1882

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ROBERT H. SCOTT

(SECRETARY.)



*Fredk. Dangrfield. Lith 22 Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on Sunday 29<sup>th</sup> JANUARY 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 bars and feathers refer to force, thus:   
 \* → forces above 10;   
 \* → forces 8 to 10;   
 \* → forces 5 to 7;   
 \* → forces 1 to 4.

© = dead calm.

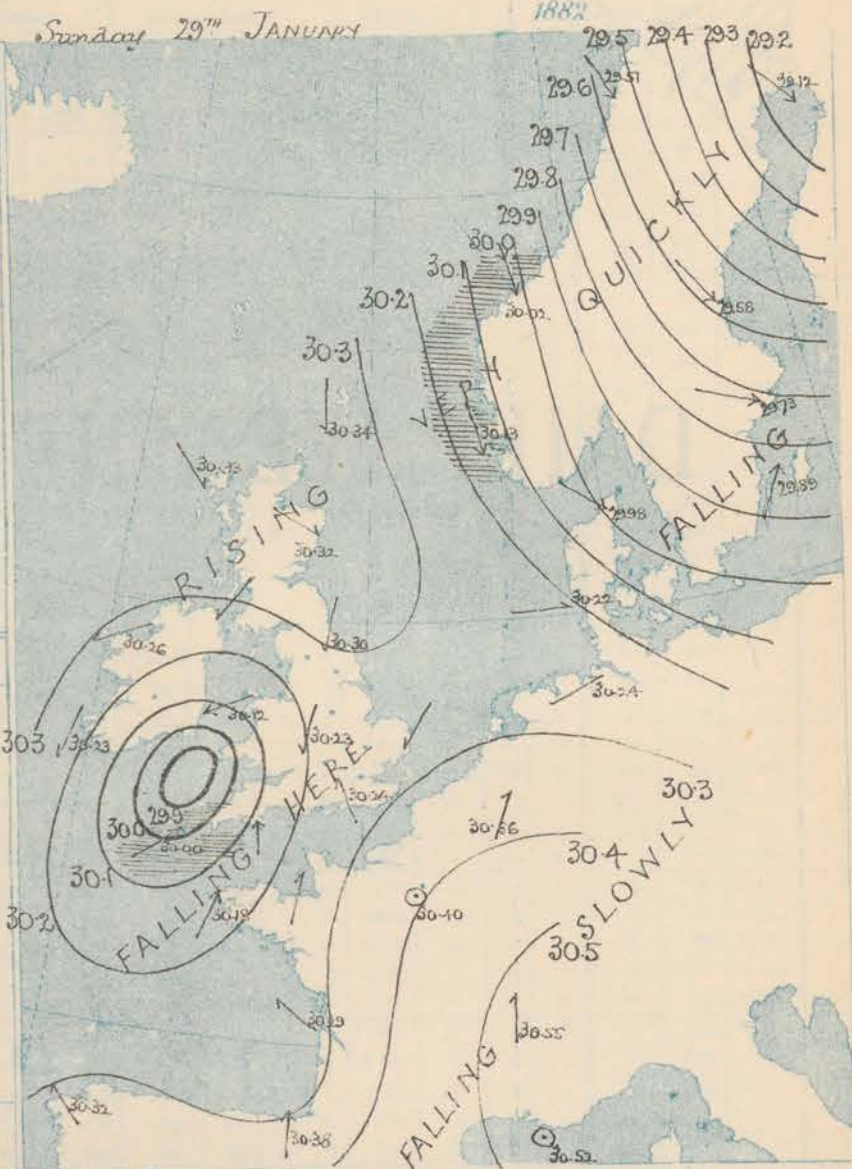
Sea Disturbance, where considerable, is shown by shading round the coast; thus Rough; High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings
	Ins.
Nairn	29.584
Aberdeen	29.627
Leith	29.689
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Greenock	29.651
Holyhead	29.790
Valencia	29.724
Roches Pt.	29.755
Plymouth	29.866
LONDON	29.869
Vermouth	29.897

\* 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.

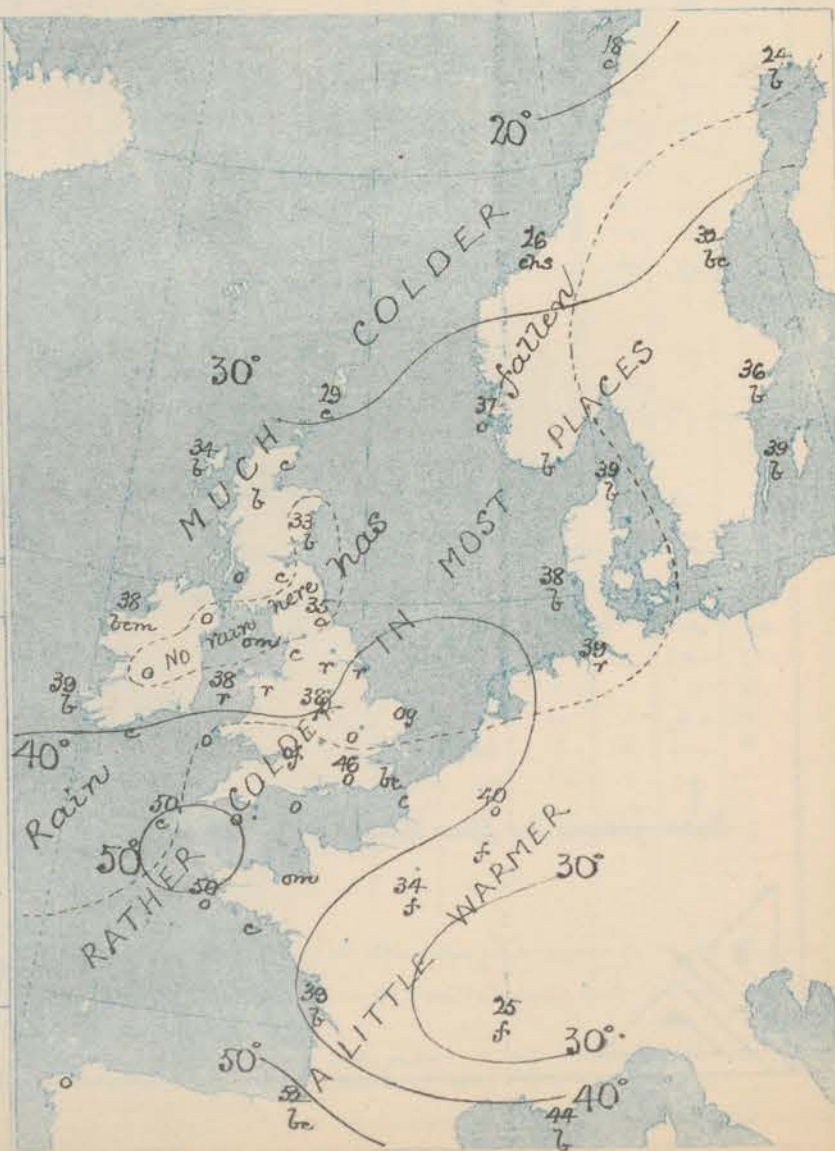
Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of January

Stations	Temp	Rain-fall
		Ins.
Sunbury Head	39.0	3.00
Sternown	39.3	5.73
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaglinore	40.4	?
Holyhead	41.9	4.27
Parsonstown	39.6	3.62
Valencia	43.1	7.70
Sally (St Mary's)	45.2	5.16
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Vermouth	37.3	2.64

\* 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 30<sup>th</sup> JAN. 1882 at 8 a.m.

Last evening a small depression was apparently forming over the Sea between the Scilly Islands and the south coast of Ireland. This depression has since increased considerably, and is now shown lying near Pembroke, where the barometer has fallen a quarter of an inch and marks 29.90 ins. In the N. and over Scandinavia, the mercury has risen and an area of high pressure lies over our N. and NW. coasts. The wind circulates round the depression, -blowing from SW. and S. in the S., from E. in the N., and from NE. and N. in Ireland. The sky is overcast <sup>over</sup> England, with rain in the N. of that country, but in N. Scotland and W. Ireland the weather is fine. Temperature has fallen generally, and readings range from 29° in the Shetlands to 50° at Scilly.

The sea is rough off the west of Norway, as well as round Devon and Cornwall.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND  
NORTH

2 SCOTLAND  
EAST

3 ENGLAND  
N E

4 ENGLAND  
EAST

5 MIDLAND  
COUNTIES

6 ENGLAND  
SOUTH

6 SCOTLAND  
WEST

7 ENGLAND  
N W

8 ENGLAND  
S W

9 IRELAND  
NORTH

10 IRELAND  
SOUTH

### WARNINGS

The north cone has been hoisted  
in districts No 2, 7, 9 and part of 6.



# METEOROLOGICAL OBSERVATIONS FOR 29<sup>th</sup> JAN. 1882

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	29.15	32	SW	4	S	29.12	- .48	24	24	- 6	NW	6	b	*	32	?	0.16	
Hernösand	29.41	40	SW	4	C	29.58	- .18	32	26	+ 6	NN	6	bc	*	41	25	-	
Stockholm	29.71	40	SW	6	O	29.73	- .34	36	34	- 2	NNN	6	b	*	41	34	-	
Wisby	29.97	39	SSW	4	b	29.89	- .33	39	37	- 2	WSW	6	b	*	41	36	-	
Bodö	29.30	40	SW	8	O	29.51	+ .24	18	17	- 23	NN	6	bc	+	41	16	-	
Christiansund	29.24	40	SW	9	O	30.02	+ .29	26	24	- 22	NNN	2	C	6	40	?	-	
†Skudesnaes	29.85	40	W	7	2	30.13	+ .26	37	33	- 4	NNW	7	O	5	?	?	-	
Örö (Xiänsund)	29.88	41	SW	6	C	30.00	- .02	37	35	- 2	W	2	b	3	42	26	0.20	
Skagen (The Skaw)	29.93	42	WSW	5	O	29.98	- .46	39	37	+ 2	NNW	7	b	7	46	27	0.08	
Fanö	30.16	41	W	4	O	30.22	- .04	38	37	- 1	W	3	b	*	43	37	0.04	
Cuxhaven	30.21	?	WSW	5	O	30.24	- .09	39	36	+ 3	WSW	2	r	*	39	32	0.04	
†Sumburgh Head	29.71	34	NNW	5	C	30.34	+ .77	29	27	- 14	N	4	C	4	43	28	0.20	
†Stornoway	29.94	36	NNW	4	b	30.33	+ .62	34	33	- 1	NNW	3	b	2	42	31	0.19	
Wick	29.89	34	NN	5	bc	30.36	+ .63	35	34	- 1	NE	3	C	3	40	29	0.14	
Nairn	30.09	35	SW	1	b	30.30	+ .52	31	30	- 1	SW	1	b	1	39	30	0.06	
†Aberdeen	30.02	36	WSW	1	b	30.32	+ .48	33	31	- 2	NN	3	b	1	45	30	-	
Leith	30.07	39	W	4	bc	30.32	+ .40	31	30	- 1	SW	1	C	*	45	30	0.03	
†Shields	30.15	43	W	3	bc	30.30	+ .30	35	34	- 1	NNE	2	O	2	45	34	-	
Spurn Head	30.21	40	SW	3	O	30.24	+ .17	41	39	- 2	ESE	4	r	3	44	39	0.10	
York	30.22	43	W	1	O	30.27	+ .24	38	37	- 1	ESE	1	r	*	48	37	0.08	
Nottingham	30.27	43	Z	0	O	30.23	+ .09	32	28	- 4	NNE	1	r	*	51	36	0.42	
†Ardrossan	30.15	40	W	3	bc	30.30	+ .21	34	34	- 0	NE	3	O	2	44	32	0.05	
†Mullaghmore	30.18	41	NNW	4	C	30.24	+ .23	38	37	- 1	ESE	4	bc	4	44	36	0.04	
Donaghadee	30.21	40	NNW	3	C	30.25	+ .18	42	39	+ 3	NE	5	O	3	42	34	-	
Parsonstown	30.23	39	Z	0	O	30.25	+ .18	36	34	- 2	NN	2	O	*	42	35	-	
Barrow-in-Furness	30.20	44	WSW	3	O	30.21	+ .16	38	36	- 2	NE	2	om	2	45	37	-	
†Holyhead	30.21	44	W	1	m	30.12	+ .04	35	37	- 2	ESE	6	r	4	46	35	0.34	
Liverpool (Bidston)	30.23	43	WSW	1	O	30.16	+ .04	36	36	- 0	ESE	4	r	3	44	36	0.23	
†Valencia	30.19	42	ESE	1	O	30.23	+ .16	39	36	- 3	NNE	2	b	2	46	37	-	
Roche's Point	30.20	41	SE	4	r	30.10	- .18	40	38	- 2	NNE	5	C	4	47	37	0.45	
Pembroke	30.20	41	NE	2	2	29.90	- .24	48	45	+ 3	SSW	5	O	3	49	38	1.16	
†Scilly	30.17	52	SSW	6	O	30.20	- .20	50	49	- 1	WSW	6	C	6	54	48	0.24	
Prawle Point	30.27	51	SSW	5	C	30.10	- .10	50	49	- 1	S	5	O	5	53	47	-	
Hurst Castle	30.31	49	SW	6	C	30.18	- .14	47	45	- 2	SW	5	O	4	50	46	-	
†Dover	30.35	46	SW	4	bc	30.29	- .04	45	44	- 1	SW	2	bc	3	41	44	-	
†London	30.30	48	SSW	3	C	30.24	- .04	46	44	- 2	SSE	2	O	*	52	44	-	
Oxford	30.25	49	S	3	O	30.17	- .07	44	43	- 1	ESE	1	of	*	52	44	-	
Cambridge	30.25	43	S	1	O	30.22	- .02	42	42	- 0	E	1	O	*	51	39	0.08	
†Yarmouth	30.25	46	NNW	1	m	30.25	- .01	41	40	- 1	NE	4	og	3	47	39	0.08	
The Helder																		
Cape Gris Nez	30.37	44	SSW	5	C	30.21	- .11	44	41	+ 3	SW	5	C	3	46	41	-	
†Jersey	30.40	47	SW	3	bc	30.25	- .15	44	44	- 0	SSW	3	om	3	50	43	-	
Brest	30.30	52	S	5	C	30.18	- .15	50	49	- 1	SW	5	O	3	52	50	-	
Lorient	30.32	49	SW	4	bc	30.19	- .16	49	48	- 1	SW	5	C	2	54	43	-	
†Rochefort	?	49	SE	2	b	30.29	- .21	39	38	- 1	SE	4	b	2	53	33	-	
Biarritz	30.42	38	E	3	b	30.35	- .11	52	42	+ 10	S	5	C	4	63	37	-	
Corunna	*	*	*	*	*	30.32		?	*		SE	1	O	1	*	*	*	
Brussels	*	*	*	*	*	30.36	- .12	40	39	+ 1	SSW	3	C	*	41	39	-	
Charleville	30.31	40	S	1	r	30.40		31	30	- 1	ESE	1	f	*	40	30	-	
Paris	30.34	41	ESE	1	f	30.40	- .16	34	32	- 2	Z	0	f	*	*	*	-	
Lyons	30.60	?	NN	1	f	30.55	- .10	25	25	- 0	S	1	f	*	32	24	-	
Toulon	30.49	58	Z	0	b	30.52		44	42	- 2	ESE	1	b	2	50	42	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.93	37	W	2	C	28.96	+ .18	33	31	- 2	E	4	C	*	39	32	-	

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

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

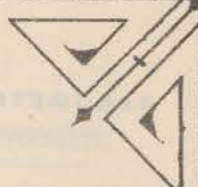

	Bar.	Dry.	Wet.	Wind.		Wec.	Sea.		Bar.	Dry.	Wet.	Wind.		Wec.	Sea.
Skudesnaes ...	29.99	43	41	W	4	c	5	Valencia ...	30.19	45	43	NNE	1	om	1
Sumburgh Head	29.63	38	36	W	5	c	6	Scilly ...	30.19	53	52	SSW	6	o	6
Stornoway ...	29.82	42	39	W	6	c	6	Dover ..	30.36	46	45	SW	5	cg	3
Aberdeen ...	29.93	44	40	SW	3	b	2	London ...	30.29	51	49	SW	3	o	2
Shields ...	30.12	45	41	W	3	bc	2	Yarmouth ...	30.23	47	47	SW	3	r	3
Ardrossan ...	30.08	43	43	WSW	2	c	3	Jersey ...	30.40	50	49	SSW	2	bc	3
Mullaghmore ...	30.09	44	40	W	6	ogm	6	Rochefort ...	30.47	51	49	SSE	3	m	2
Holyhead ...	30.21	45	43	SW	3	m	2								

No important change 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) 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

MONDAY, 30<sup>TH</sup> JANUARY.

1882

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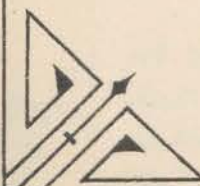
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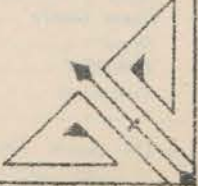
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ROBERT H. SCOTT

(SECRETARY.)



*Printed by Dingerfield, Lith. 22, Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on Monday 30<sup>th</sup> JANUARY. 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 force, thus:  
 \* forces above 10; \* forces 8 to 10  
 \* forces 5 to 7; \* forces 1 to 4.  
 © dead calm.

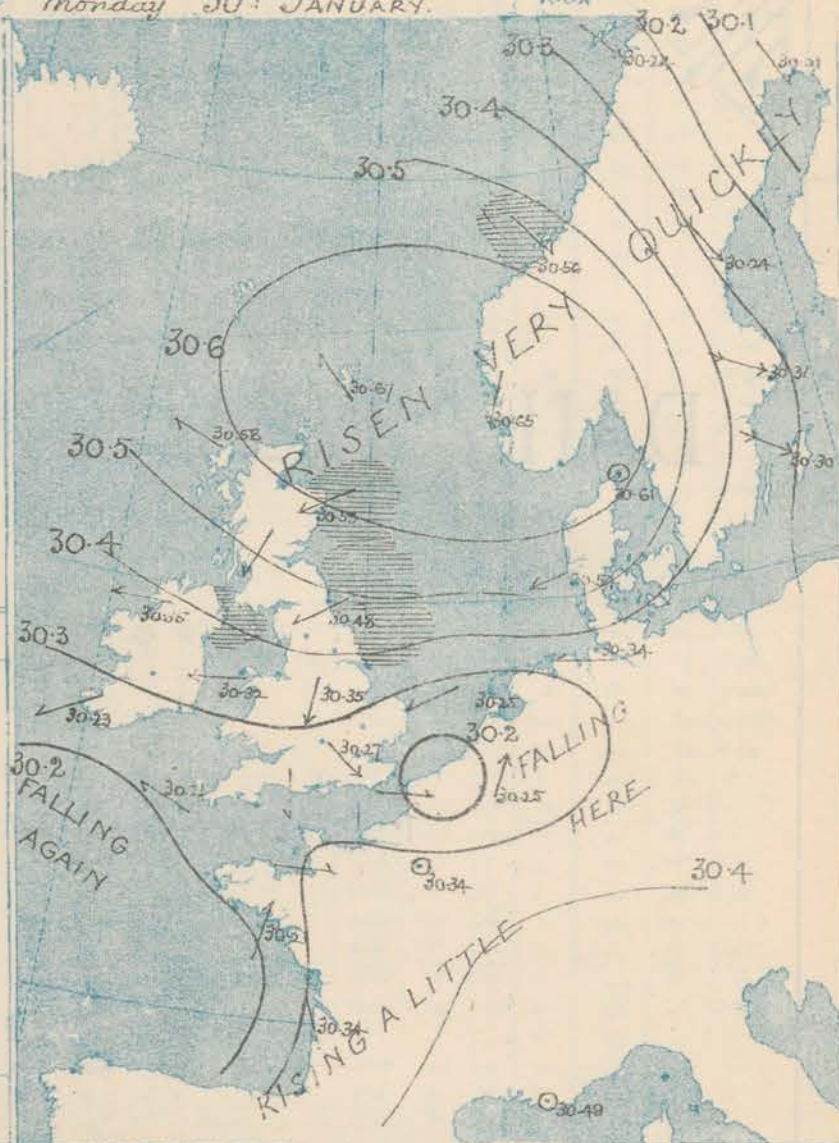
Sea Disturbance, where considerable, is shown by shading round the coast; thus - rough; - High.

## MEAN\* HEIGHT of the BAROMETER

for the month of January

Stations	Mean Readings Ins.
Nairn	29.584
Aberdeen	29.627
Leith	29.689
Scarborough	29.746
Ardrossan	29.678
Greenacastle	29.651
Holyhead	29.730
Valentia	29.721
Roche's Pt.	29.765
Plymouth	29.866
LONDON	29.869
Yarmouth	29.897

\* 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.

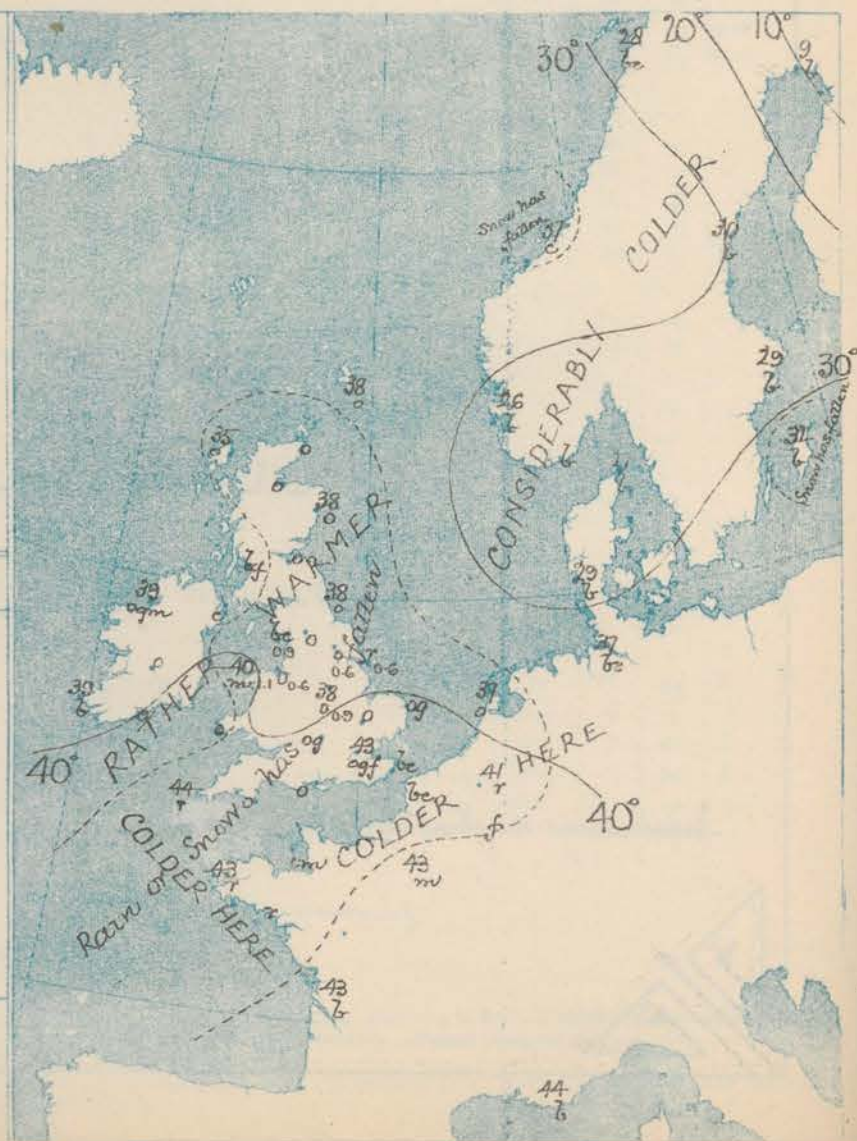
## MEANS\* OF TEMPERATURE

AND RAINFALL

for the month of January

Stations	Temp.	Rain-fall Ins.
Stambury Head	39.0	3.00
Stambury	39.3	5.71
Aberdeen	37.0	2.76
Shetlands	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	4.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Sally (St Mary's)	45.2	5.18
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Yarmouth	37.3	2.64

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





# REMARKS

for MONDAY 30<sup>th</sup> JAN<sup>y</sup> 1882 at 8 a.m.

The depression which lay over <sup>the</sup> entrance to St George's Channel yesterday morning has now passed eastward as far as the north of France, and has at the same time become very much slighter. It seems probable that it will be quickly succeeded by a second, the barometer having begun to fall quickly in South Ireland, though in all other places the mercury is rising. In Scandinavia the recovery has been very rapid, and a large area of high pressure has been formed stretching from the S. of Norway to the N. of Scotland. NW winds and gales prevail over Scandinavia, and E winds, strong to a gale over all the more N. parts of the Kingdom, but in the S. the wind is more variable, N to NW breezes being reported in the SE., and S to SE winds in the SW. The weather is fine over the countries to the E<sup>o</sup> of the North Sea, as well as at some of our W. stations, but the sky is dull generally with rain in the SW. and at Spurn Head. Rain or snow has fallen in most places - heavily over the N. of England. Temperature has fallen over Sweden, Denmark, the S. of England and N. of France, risen elsewhere, and readings range from 44° at Scilly to 32° at Narvik and 9° at Haparanda. Sea is rough in the NE. and NW.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

31<sup>st</sup> JANUARY.

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND  
NORTH

E<sup>ly</sup> winds, moderate or rather strong; dull, turning colder.

6 SCOTLAND  
WEST

Same as Nos 0 and 1.

2 SCOTLAND  
EAST

-----D°-----D°-----D°-----

7 ENGLAND  
N.W.

E<sup>ly</sup> winds, moderate and strong; cloudy.

3 ENGLAND  
N.E.

NE<sup>ly</sup> winds, rather strong and squally; dull, misty, some rain.

8 ENGLAND  
S.W.

SE<sup>ly</sup> and NE<sup>ly</sup> winds, strong; unsettled, rain.

4 ENGLAND  
EAST

-----D°-----D°-----D°-----

9 IRELAND  
NORTH

E<sup>ly</sup> to NE<sup>ly</sup> winds, fresh or strong; cloudy, fair, colder.

5 MIDLAND  
COUNTIES

N<sup>ly</sup> to E<sup>ly</sup> winds, moderate; dull, unsettled, some rain at times. Colder.

10 IRELAND  
SOUTH

-----D°-----D°-----D°-----

6 ENGLAND  
SOUTH

-----D°-----D°-----D°-----

WARNINGS

The north cone still flies in districts Nos 2, 7, 8, and part of 5



# METEOROLOGICAL OBSERVATIONS FOR

30<sup>TH</sup> JAN<sup>Y</sup>

1882

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	29.73	11	NW	2	b	30.01	+ .89	9	9	- 15	NW	4	b	*	25	?	-		
Hernösand	32.10	25	WNW	4	b	30.24	+ .66	30	26	- 2	NNW	9	b	*	34	23	-		
Stockholm	30.21	36	NW	6	b	30.31	+ .58	29	24	- 7	WNW	8	b	*	39	25	-		
Wisby	30.21	31	NNE	6	b	30.30	+ .41	32	29	- 7	WNW	8	b	*	41	28	0.04		
Bodö	29.84	25	NW	4	c	30.24	+ .73	28	26	+ 10	NW	4	c	2	28	?	-		
Christiansund	30.36	33	NW	9	c	30.56	+ .54	37	33	+ 11	NW	4	c	5	34	16	0.28		
†Skudesnaes	30.50	28	N	6	b	30.65	+ .52	26	24	- 11	NNE	2	b	2	37	?	-		
Oxö (Xiansund)	30.43	31	N	4	b	30.62	+ .62	25	23	- 12	NNW	4	b	2	37	25	-		
Skagen (The Skaw)	30.45	32	NE	4	b	30.61	+ .63	27	25	- 12	Z	0	b	0	41	25	-		
Fanö	30.44	33	N	2	c	30.54	+ .32	29	27	- 9	ENE	6	b	*	41	28	-		
Cuxhaven	30.31	?	E	1	c	30.34	+ .10	37	37	- 2	E	4	b	*	41	34	-		
†Sumburgh Head	30.51	31	N	3	o	30.67	+ .33	38	36	+ 9	SE	3	o	3	38	28	-		
†Stornoway	30.49	34	ESE	3	b	30.58	+ .25	35	34	+ 1	ESE	4	o	3	40	31	0.05		
Wick	30.49	34	E	4	o	30.64	+ .28	36	35	+ 1	E	4	o	4	36	32	0.03		
Nairn	30.50	34	ENE	1	c	30.59	+ .26	32	31	+ 1	ENE	1	o	3	35	30	0.12		
†Aberdeen	30.48	37	N	4	c	30.59	+ .27	38	34	+ 5	ENE	6	o	5	40	32	0.03		
Leith	30.39	40	E	6	o	30.58	+ .26	38	36	+ 7	E	4	o	*	42	29	0.04		
†Shields	30.30	42	E	4	o	30.48	+ .18	38	35	+ 3	ENE	4	o	6	42	35	0.08		
Spurn Head	30.10	41	E	8	n	30.31	+ .07	40	39	- 1	NE	8	n	6	41	39	0.55		
York	30.19	36	E	4	n	30.41	+ .14	38	37	0	E	2	o	*	39	34	0.57		
Nottingham	30.03	43	NE	3	b	30.35	+ .12	38	38	0	NNE	6	o	*	44	36	0.90		
†Ardrossan	30.36	37	NE	4	b	30.47	+ .17	35	35	+ 1	NE	4	b	2	37	32	-		
†Mullaghmore	30.33	40	ENE	5	b	30.35	+ .09	39	37	+ 1	E	5	ogm	4	42	36	-		
Donaghadee	30.32	41	NE	7	b	30.43	+ .18	40	38	- 2	ENE	8	c	6	42	38	-		
Parsonstown	30.32	36	NNW	1	b	30.31	+ .03	36	35	0	Z	0	o	*	41	32	-		
Barrow-in-Furness	30.15	34	NE	4	s	30.39	+ .18	37	35	- 1	NE	4	b	3	39	33	0.85		
†Holyhead	30.13	31	ENE	8	n	30.32	+ .20	40	39	+ 2	E	5	m	4	41	34	1.07		
Liverpool (Bidston)	30.09	37	NE	5	o	30.36	+ .20	39	37	+ 3	ENE	5	o	3	39	33	0.58		
†Valencia	30.31	40	NE	3	b	30.22	- .01	39	37	0	ENE	2	b	3	46	33	-		
Roche's Point	30.27	38	N	4	b	30.26	+ .16	40	38	0	ENE	3	o	3	43	36	-		
Pembroke	30.06	41	NW	5	o	30.25	+ .35	40	39	- 8	E	2	o	2	48	38	-		
†Scilly	30.18	46	NNW	7	c	30.21	+ .21	44	42	- 6	ESE	4	n	4	50	43	0.02		
Prawle Point	30.11	42	W	6	c	30.28	+ .18	41	40	- 9	ENE	2	o	2	50	36	0.08		
Hurst Castle	30.04	45	W	6	c	30.28	+ .10	42	41	- 5	N	1	m	4	49	42	0.13		
†Dover	30.14	46	SSW	4	o	30.22	- .07	42	41	- 3	NW	2	b	2	47	40	0.06		
†London	30.05	46	ESE	3	od.	30.27	+ .03	43	42	- 3	NNW	2	ogf	*	51	39	0.18		
Oxford	30.03	43	S	1	o	30.30	+ .13	42	42	- 2	N	3	og	*	48	41	0.11		
Cambridge	30.05	45	SE	2	o	30.28	+ .06	41	41	- 1	N	1	c	*	46	40	0.18		
†Yarmouth	30.13	42	SE	E	c	30.24	- .01	41	40	0	ENE	4	og	4	42	39	0.22		
The Helder	30.27	40	E	1	f	30.25	-	37	37	-	ENE	3	o	2	43	37	0.08		
Cape Gris Nez	30.21	45	S	5	o	30.12	- .19	41	33	- 3	W	4	b	3	52	41	0.08		
†Jersey	30.21	48	W	4	c	30.32	+ .07	43	41	- 1	W	1	cm	1	50	41	0.01		
Brest	30.15	47	NNW	4	o	30.25	+ .07	43	42	- 7	SE	4	n	4	52	41	0.24		
Lorient	30.20	49	SW	4	o	30.21	+ .02	45	45	- 4	SSW	1	n	2	54	41	0.12		
†Rocheport	30.32	51	SW	3	o	30.34	+ .05	45	41	+ 4	SE	3	b	2	55	34	-		
Biarritz																			
Corunna																			
Brussels						30.25	- .11	41	40	+ 1	SSW	5	n	*	47	?	0.04		
Charleville	30.30	39	S	1	b	30.29	- .11	38	36	+ 7	S	1	f	*	43	31	-		
Paris	30.20	40	ESE	3	b	30.34	- .06	43	42	+ 9	Z	0	m	*	*	*	-		
Lyons																			
Toulon	30.50	46	Z	0	b	30.49	- .03	44	44	0	Z	0	b	1	54	43	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.93	31	E	7	Sg	29.11	+ .15	32	31	- 1	E	7	o	*	34	30	0.15		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.37	32	28	nnw	6	b	4	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rocheport ...	30.33	55	52	ssw	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) 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).





# DAILY WEATHER REPORT

FOR

TUESDAY, 31<sup>ST</sup> JANUARY.

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

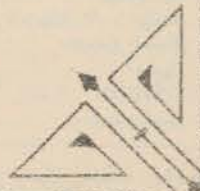
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ROBERT H. SCOTT  
(SECRETARY.)



*Printed by D. B. Doughty, 11th St. Bedford St. Westminster.*



# WEATHER CHARTS

for 8 a.m. on TUESDAY 31<sup>st</sup> JANUARY

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 force, thus: — forces above 10; — forces 8 to 10; — forces 5 to 7; — forces 1 to 4.

☉ = dead calm.

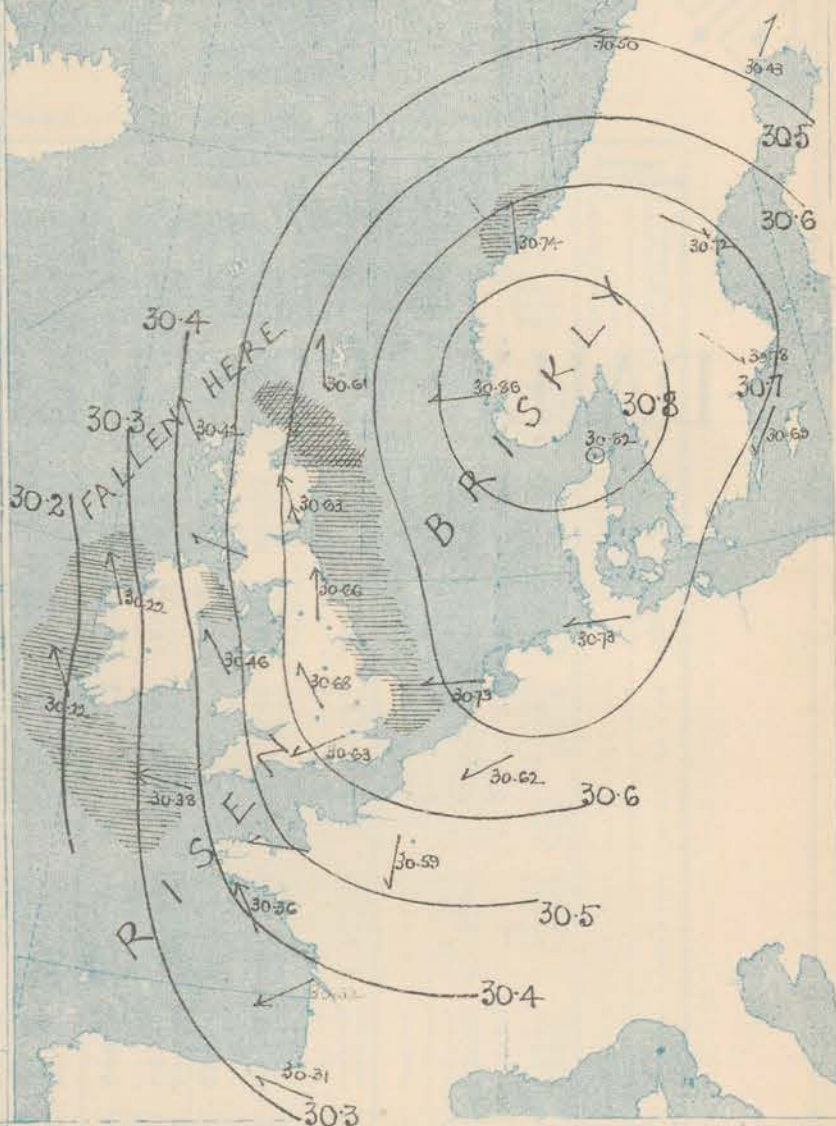
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

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

for the month of January

Stations	Mean Readings In.
Nairn	29.58
Aberdeen	29.62
Leith	29.63
Scarborough	29.76
Ardrossan	29.67
Greencastle	29.65
Holyhead	29.70
Valentia	29.72
Roch's Pt.	29.75
Plymouth	29.86
LONDON	29.89
Vermouth	29.87

\* 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.

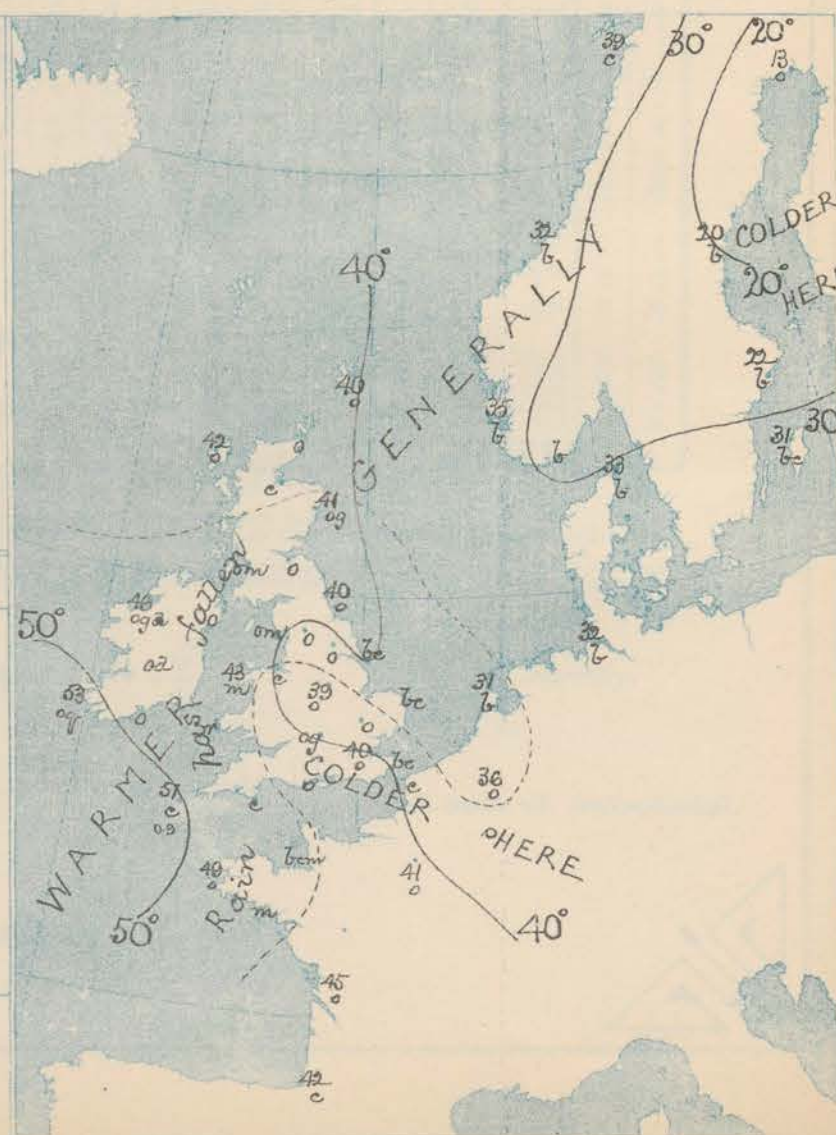
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of January

Stations	Temp °	Rain- fall ins
Sunderland Head	39.0	3.00
Stornoway	39.3	5.71
Aberdeen	37.0	2.76
Shields	37.5	1.98
York	37.7	1.89
Mullaghmore	40.4	?
Holyhead	41.3	0.27
Parsonstown	39.6	3.62
Valentia	43.0	7.70
Silly (St Mary's)	45.2	5.18
Hurst Castle	40.4	?
Dover	38.3	3.56
LONDON	38.8	2.63
Vermouth	37.3	2.64

\* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866-75.





# REMARKS

Tuesday 31<sup>st</sup> JAN.

1882

The large area of high pressure which yesterday stretched from Norway to the north of Scotland is now confined to the south of Scandinavia, but the barometer there having risen briskly, readings at the centre of the anticyclone now exceed 30.8 ins. Over France and the south and east of these Islands the mercury is also rising, but in the north-west and north a decrease is reported, and a depression is apparently passing N<sup>W</sup> outside our western coasts. The wind is strong to a gale in force in nearly all places except the Eastern shores of the North Sea - blowing from E. in the south and over France, and from SE. and S. in the west and north. The weather is fine and bright over Scandinavia, North Germany, and the south-East coast of England, cloudy or dull elsewhere, with mist or drizzling rain at several western stations. Heavy rain has fallen at Scilly and smaller amounts except in the south-East and north. Temperature has fallen over the south-East of England, and the north-East of France, risen elsewhere, quickly in south Ireland, and readings range from 53° at Valencia to 37° at Yarmouth. The sea is rough on all except our south coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon

on the

1<sup>st</sup> FEBRUARY

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S <sup>W</sup> strong winds and gales; dull, cold rain or sleet.	6 SCOTLAND WEST	SE <sup>W</sup> and S <sup>W</sup> winds, strong and increasing; dull, gloomy, drizzling rain.
2 SCOTLAND EAST	—D°—D°—D°—	7 ENGLAND N.W.	—D°—D°—D°—
3 ENGLAND N.E.	S <sup>W</sup> winds, fresh or strong; dull, then rain.	8 ENGLAND S.W.	E <sup>W</sup> to SE <sup>W</sup> winds, strong to a gale; dull, rain.
4 ENGLAND EAST	SE <sup>W</sup> and S <sup>W</sup> winds, fresh and strong; dull, gloomy, some rain.	9 IRELAND NORTH	S <sup>W</sup> winds, strong to a gale; dull, rain.
5 MIDLAND COUNTIES	—D°—D°—D°—	10 IRELAND SOUTH	—D°—D°—D°—
6 ENGLAND SOUTH	E <sup>W</sup> and SE <sup>W</sup> winds, fresh and strong; dull, some cold rain.	WARNINGS	
		The signals are flying in districts N <sup>os</sup> 0.1.3.8. and 10.	



# METEOROLOGICAL OBSERVATIONS FOR

31<sup>st</sup> JAN<sup>y</sup>

1882

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 ...	30.42	10	HW	2	b	30.43	+ .42	13	12	+ 4	WV	2	o	*	16	7	-		
Hernösand ...	30.60	24	o	0	b	30.72	+ .48	20	19	- 10	WNW	2	b	*	32	7	-		
Stockholm ...	30.59	29	NNW	4	o	30.78	+ .47	22	21	- 7	NNW	2	b	*	34	7	-		
Wisby ...	30.42	32	NNW	6	b	30.64	+ .39	31	29	- 1	ENE	4	b	*	36	30	-		
Bodö ...	30.49	35	WSW	4	o	30.50	+ .26	39	37	+ 11	WSW	2	c	2	?	25	-		
Christiansund ...	30.78	36	SE	2	c	30.74	+ .18	32	31	- 5	S	3	b	5	?	21	-		
†Skudesnaes ...	30.74	33	E	2	b	30.86	+ .21	35	31	+ 9	E	4	b	3	36	25	-		
Oxö (Xiansund) ...	30.73	30	NNW	2	b	30.86	+ .14	28	25	+ 3	NNW	4	b	1	32	?	-		
Skagen (The Skaw) ...	30.72	37	NE	4	b	30.82	+ .21	33	30	+ 6	W	0	b	0	37	23	-		
†Faro ...	30.73	28	ENE	4	b	30.87	+ .33	28	27	- 1	NE	2	b	*	32	27	+		
Cuxhaven ...	30.48	?	E	5	b	30.73	+ .39	32	31	- 5	E	3	b	*	?	30	-		
†Sumburgh Head ...	30.67	39	E	2	c	30.61	- .06	40	36	+ 2	S	4	o	4	42	34	-		
†Stornoway ...	30.52	38	SE	4	b	30.42	- .16	42	39	+ 7	SE	5	o	4	42	34	-		
Wick ...	30.61	39	SE	5	c	30.55	- .09	41	39	+ 5	S	7	o	7	41	35	-		
Nairn ...	30.50	36	ESE	1	b	30.51	- .08	32	31	0	SSW	1	c	1	37	30	-		
†Aberdeen ...	30.62	38	ESE	6	o	30.63	+ .04	41	38	+ 3	SSE	8	og	6	41	36	0.02		
Leith ...	30.56	38	SE	1	b	30.59	+ .01	41	38	+ 3	S	1	o	*	42	35	-		
†Shields ...	30.63	40	E	3	o	30.66	+ .18	40	38	+ 2	S	5	o	5	41	37	0.04		
Spurn Head ...	30.47	42	ENE	6	o	30.64	+ .38	40	38	0	SE	6	b	5	42	37	0.01		
York ...	30.51	40	E	1	o	30.67	+ .26	39	37	+ 1	SSE	3	o	*	42	37	0.01		
Nottingham ...	30.50	41	NE	4	o	30.68	+ .33	39	38	+ 1	SE	4	o	*	41	38	-		
†Ardrossan ...	30.50	35	ENE	2	m	30.52	+ .05	41	41	+ 6	ESE	3	om	3	41	33	-		
†Mullaghmore ...	30.29	41	ESE	7	omg	30.22	- .13	46	44	+ 7	SSE	7	ogd	6	46	38	0.01		
Donaghadee ...	30.45	42	SSE	6	c	30.47	+ .04	43	43	+ 3	SSE	7	o	5	43	37	0.02		
Parsonstown ...	30.27	44	ESE	3	o	30.29	- .02	47	46	+ 11	SE	4	od	*	47	35	0.18		
Barrow-in-Furness	30.46	39	ENE	3	o	30.54	+ .15	40	38	+ 3	E	5	om	3	43	37	-		
†Holyhead ...	30.37	40	E	5	b	30.46	+ .14	43	42	+ 3	SE	3	m	2	44	38	0.01		
Liverpool (Bidston)	30.45	40	E	3	o	30.56	+ .20	40	38	+ 1	ESE	5	c	3	41	38	-		
†Valencia ...	30.07	47	E	6	og	30.22	- .00	53	52	+ 14	SSE	6	og	6	54	37	0.04		
Roche's Point ...	30.17	39	ESE	7	o	30.29	+ .03	49	47	+ 9	SE	6	o	4	49	38	0.34		
Pembroke ...	30.28	43	ESE	4	o	30.44	+ .19	43	43	+ 3	ESE	5	o	3	48	38	0.15		
†Scilly ...	30.18	51	ESE	5	o	30.38	+ .17	51	50	+ 7	ESE	6	c	6	51	43	0.93		
Prawle Point ...	30.35	44	ENE	3	o	30.50	+ .22	45	44	+ 4	E	5	c	4	45	40	0.28		
Hurst Castle ...	30.39	43	ESE	3	m	30.59	+ .29	42	41	0	ESE	4	o	4	45	41	-		
†Dover ...	30.39	45	ENE	3	o	30.61	+ .39	40	38	- 2	ESE	5	b	4	46	39	-		
†London ...	30.43	43	E	4	o	30.63	+ .36	40	38	- 3	ENE	4	o	*	44	40	-		
Oxford ...	30.46	42	SE	2	o	30.61	+ .31	40	38	- 2	E	3	og	*	43	40	-		
Cambridge ...	30.46	41	N	1	o	30.65	+ .37	39	38	- 2	E	1	o	*	44	38	-		
†Yarmouth ...	30.42	40	ENE	6	c	30.67	+ .43	37	36	- 4	ESE	6	b	5	41	36	-		
The Helder ...	30.50	38	ENE	4	o	30.73	+ .48	31	29	- 6	E	3	b	2	39	30	0.08		
Cape Gris Nez ...	30.38	43	N	4	o	30.61	+ .49	37	37	- 4	ENE	5	c	3	45	37	-		
†Jersey ...	30.37	43	E	2	o	30.53	+ .21	41	40	- 2	E	3	b	3	44	40	0.08		
Brest ...	30.25	50	SSE	3	o	30.40	+ .15	49	47	+ 6	SE	4	o	4	50	?	0.12		
Lorient ...	30.21	46	SSW	4	b	30.36	+ .15	46	46	+ 1	SSE	5	m	2	52	43	0.12		
†Rochefort ...	30.29	51	SE	3	o	30.32	- .02	45	44	+ 2	ENE	7	o	2	55	37	-		
Biarritz ...	30.26	57	S	4	o	30.31	- .00	42	38	- 11	ESE	4	c	3	63	37	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.62	+ .37	36	35	- 5	ENE	4	o	*	44	35	0.04		
Charleville ...	30.36	40	WNW	1	o	30.51	+ .22	38	34	0	SW	3	o	*	46	33	-		
Paris ...	30.40	44	SSE	3	b	30.39	+ .25	41	37	- 2	ENE	3	o	*	*	*	-		
Lyons ...	30.40	42	NE	1	b	30.41	-	35	35	-	NNW	3	f	*	49	32	-		
Toulon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.20	34	E	3	o	29.34	+ .23	34	34	+ 2	SE	2	o	*	35	32	0.04		

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

Hawes Junction	29.20	34	E	3	o	29.34	+ .23	34	34	+ 2	SE	2	o	*	35	32	0.04
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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 ...	30.68	36	30	ENE	2	b	2	Valencia ...	30.12	46	43	E	5	o	5
Sumburgh Head	30.68	40	36	SE	3	c	3	Scilly ...	30.18	48	48	ESE	6	n	5
Stornoway ...	30.56	39	35	SE	5	o	4	Dover ..	30.32	44	43	NNE	2	og	1
Aberdeen ...	30.60	39	35	ESE	5	o	5	London ...	30.36	44	42	ESE	1	om	*
Shields ...	30.51	41	38	NW	3	o	6	Yarmouth ...	30.36	41	40	ENE	5	og	4
Ardrossan ...	30.49	39	39	NE	4	b	2	Jersey ...	30.35	44	44	ESE	1	o	2
Mullaghmore ...	30.31	40	39	ESE	7	omg	5	Rochefort ...	30.33	52	48	S	2	be	2
Holyhead... ..	30.37	41	39	E	6	b	5								

The barometer continues to fall in the SW, and a depression is advancing towards that district. The wind shows little change and the weather is dull and 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. 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.



CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JAN<sup>Y</sup> 1882

## 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.		
3 <sup>rd</sup>	The Helder	29.52	45	S S W	5	h	30.10	- .59	45	44	+ 3	SW	8	h	4	45	?	0.35	
"	Bianity	30.20	58	SW	3	b	29.88	- .35	55	46	+ 2	S	8	b	4	59	46	-	
"	Coronna	*	*	*	*	*	29.92	?	53	*	?	S S W	2	o p	5	*	*	*	
4 <sup>th</sup>	Wishy	28.99	43	SW	8	bc	29.43	+ .31	38	37	+ 2	SW	6	bc	*	43	37	0.24	
"	Bianity	29.77	54	W	8	o	29.99	+ .11	46	43	- 9	NE	5	h	?	59	41	0.16	
"	Coronna	*	*	*	*	*	30.14	+ .22	49	*	- 4	E NE	2	o	7	*	*	*	
"	Toulon	29.97	50	SE	1	o	29.71	- .43	46	46	+ 2	E	8	h	7	52	34	0.63	
5 <sup>th</sup>	Coronna	*	*	*	*	*	30.30	+ .16	45	*	- 4	SE	1	o	5	*	*	*	
"	Charleville	-	-	-	-	-	30.08	?	35	33	?	S S W	3	o	*	52	28	0.67	
7 <sup>th</sup>	Haparanda	29.12	30	S	2	o	29.10	- .13	19	18	- 6	NE	4	o	*	28	23	0.16	
"	Hermosand	28.99	33	S	2	o	28.73	- .34	33	32	- 2	NE	8	o	*	36	25	0.24	
"	Wishy	29.15	41	SW	6	h	29.04	- .10	41	39	+ 1	SW	8	o	*	41	36	0.08	
"	Stornoway	28.85	41	N W	8	h	29.15	+ .75	37	35	- 6	S	6	ohg	6	45	34	0.54	
"	Bianity	30.30	55	W S W	2	o	30.33	+ .07	54	50	+ 3	W S W	4	o	4	55	37	0.04	
9 <sup>th</sup>	The Helder	29.86	42	S S W	7	h	29.85	- .26	42	41	o	W S W	1	h	3	46	?	0.43	
"	Coronna	*	*	*	*	*	30.42	.00	45	*	?	SE	1	c	5	*	*	*	
10 <sup>th</sup>	Bianity	30.46	52	SE	1	c	30.42	- .02	40	38	- 9	E	3	bc	5	57	34	-	
11 <sup>th</sup>	Sao	29.80	43	W	7	o	29.81	- .20	42	41	+ 1	W	6	b	*	43	41	0.04	
"	The Helder	30.11	44	SW	4	o	30.04	- .21	45	43	+ 3	SW	4	c	3	46	?	-	
"	Bianity	30.30	51	E	5	c	30.32	- .10	49	46	+ 9	S	5	o	4	54	37	-	
"	Coronna	*	*	*	*	*	30.32	?	49	*	?	SE	1	c	1	*	*	*	
"	Toulon	30.35	48	NE	1	b	30.35	+ .04	46	?	- 4	NE	4	o	1	55	45	-	
12 <sup>th</sup>	Coronna	*	*	*	*	*	30.31	- .01	50	*	+ 1	SSE	1	c	1	*	*	*	
13 <sup>th</sup>	Coronna	*	*	*	*	*	30.25	- .06	?	*	?	SE	1	c	1	*	*	*	
14 <sup>th</sup>	Bianity	30.40	47	E	3	b	30.47	+ .20	45	40	+ 11	SSE	4	b	2	50	?	-	
"	Ljona	30.54	36	NW	1	b	30.68	- .17	28	28	- 4	N	1	f	*	39	26	-	
17 <sup>th</sup>	Haparanda	30.42	33	SW	4	o	30.12	- .07	30	29	- 1	SW	4	o	*	36	28	-	
"	Hermosand	30.70	27	Z	0	b	30.44	- .23	27	26	- 7	NW	2	c	*	37	27	-	
"	Stockholm	30.74	33	W	2	o	30.58	- .16	35	35	+ 2	W	2	o	*	?	27	-	
"	Wishy	30.80	37	W	2	o	30.69	- .13	33	33	- 3	W	4	o	*	?	?	-	
"	Skudesnaes	30.73	42	S	6	h	30.67	- .02	43	42	+ 1	SSE	4	f	5	43	?	-	
"	Sao	30.78	41	W S W	4	f	30.65	- .12	42	41	+ 2	SW	4	o	3	?	39	-	
"	Skagen	30.84	36	W S W	4	m	30.68	- .16	40	40	+ 6	SW	4	m	3	41	34	-	
"	The Helder	30.93	29	SSE	1	f	30.90	+ .01	31	31	o	SSE	1	f	1	?	28	-	
"	Coronna	*	*	*	*	*	30.70	?	43	*	?	SE	1	o	1	*	*	*	
"	Brussels	*	*	*	*	*	30.95	+ .04	28	28	- 2	S	3	f	*	33	27	-	
"	Charleville	30.97	29	SW	1	o	30.91	+ .06	26	25	- 4	SW	1	o	*	34	?	-	
"	Ljona	30.95	29	N	1	f	30.94	+ .02	27	27	- 2	SSE	1	f	*	31	26	-	
"	Toulon	30.82	47	SW	1	b	30.82	.00	49	38	+ 5	E NE	3	b	2	48	43	-	
19 <sup>th</sup>	Coronna	*	*	*	*	*	30.61	?	38	*	?	E	1	c	1	*	*	*	
20 <sup>th</sup>	The Helder	30.83	45	N	1	o	30.75	?	40	39	+ 4	SW	1	o	?	45	?	-	
"	Bianity	30.62	49	E	3	bc	30.60	+ .10	44	39	+ 1	SSE	1	b	3	55	34	-	
"	Toulon	30.58	62	Z	0	b	30.57	- .08	55	44	- 3	Z	0	b	1	68	52	-	
21 <sup>st</sup>	Coronna	*	*	*	*	*	30.59	?	37	*	?	SE	1	c	1	*	*	*	
"	Ljona	30.74	25	NW	1	f	30.69	- .08	23	23	o	NW	1	f	*	25	22	-	
23 <sup>rd</sup>	Bianity	30.44	44	E NE	4	o	30.43	- .03	35	33	- 5	E	5	m	3	52	30	-	
"	Coronna	*	*	*	*	*	30.37	?	37	*	?	E	1	b	1	*	*	*	
24 <sup>th</sup>	Haparanda	29.44	33	SW	4	c	29.13	- .49	30	28	+ 9	NW	4	c	*	?	19	-	
25 <sup>th</sup>	Coronna	*	*	*	*	*	30.42	?	42	*	?	SSE	1	o	1	*	*	*	
26 <sup>th</sup>	Bianity	30.53	47	ESE	4	bc	30.49	- .07	46	43	+ 1	E	3	b	2	54	39	-	
"	Ljona	30.78	26	W	1	f	30.78	- .01	23	23	- 2	W	1	f	*	28	22	-	
"	Toulon	30.68	49	S	1	b	30.69	.00	46	45	o	Z	0	b	1	57	46	-	
27 <sup>th</sup>	Coronna	*	*	*	*	*	30.38	?	51	*	?	SSE	1	o	1	*	*	*	
28 <sup>th</sup>	Bianity	30.51	52	E NE	1	b	30.49	+ .02	47	41	- 5	SE	4	b	2	61	39	-	
30 <sup>th</sup>	Bianity	30.38	54	Z	0	b	30.31	- .07	53	49	+ 1	S	4	bc	3	61	46	-	
31 <sup>st</sup>	Coronna	*	*	*	*	*	30.23	?	48	*	?	SE	1	o	1	*	*	*	
"	Toulon	30.41	49	W	3	c	30.31	?	47	43	?	W	3	o	1	52	43	-	



~~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.
				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.	
									2. CORRECTIONS									
1 <sup>st</sup>	Leith																	0.06
2 <sup>nd</sup>	Garmouth																38	
3 <sup>rd</sup>	Bodo									31	31	+ 6						
4 <sup>th</sup>	Barrow-in-Burness	29.33	46	SW	4	0												
5 <sup>th</sup>	Holyhead	29.30																
6 <sup>th</sup>	Liverpool	29.29																
7 <sup>th</sup>	Cape Gris Nez	29.80																
8 <sup>th</sup>	Hawes Junction																	
9 <sup>th</sup>	Bodo	28.74						27.78										
10 <sup>th</sup>	Shields																35	
11 <sup>th</sup>	York																	0.04
12 <sup>th</sup>	Christiansund							28.86	- .41									
13 <sup>th</sup>	Silly																50	
14 <sup>th</sup>	Bianity																	
15 <sup>th</sup>	Wick																44	
16 <sup>th</sup>	Leith																49	
17 <sup>th</sup>	Parsonstown																51	
18 <sup>th</sup>	Donaghadee	29.38																
19 <sup>th</sup>	Barrow-in-Burness	29.87																
20 <sup>th</sup>	Donaghadee							29.90	+ .04									
21 <sup>st</sup>	Androsan																45	
22 <sup>nd</sup>	Donaghadee								+ .14									
23 <sup>rd</sup>	Roches Point	30.03																
24 <sup>th</sup>	Oxford																	
25 <sup>th</sup>	Barrow-in-Burness							30.15										
26 <sup>th</sup>	Stornoway							30.17	+ .14									
27 <sup>th</sup>	Nairn																46	
28 <sup>th</sup>	Mullaghmore																	No rain
29 <sup>th</sup>	Barrow-in-Burness																	
30 <sup>th</sup>	Roches Point								+ .09								42	
31 <sup>st</sup>	Northingham																	0.20
32 <sup>nd</sup>	Roches Point							30.49										0.06
33 <sup>rd</sup>	Pembroke		46															
34 <sup>th</sup>	Spinn Head		42															
35 <sup>th</sup>	Parsonstown									38	37						43	
36 <sup>th</sup>	Jersey																	0.01
37 <sup>th</sup>	Androsan																47	
38 <sup>th</sup>	Jersey																37	
39 <sup>th</sup>	Androsan																47	
40 <sup>th</sup>	Pravle Point							30.94	- .02									
41 <sup>st</sup>	Bodo	29.63																
42 <sup>nd</sup>	Nairn																	No rain
43 <sup>rd</sup>	Bodo	29.17																
44 <sup>th</sup>	Androsan																	0.01
45 <sup>th</sup>	Parsonstown																50	
46 <sup>th</sup>	Pembroke	30.57																
47 <sup>th</sup>	Stornoway																41	
48 <sup>th</sup>	Kernowand	29.95																
49 <sup>th</sup>	Bodo	29.58																
50 <sup>th</sup>	Leith													be				
51 <sup>st</sup>	Shields																50	0.03
52 <sup>nd</sup>	Holyhead																50	
53 <sup>rd</sup>	Valencia																54	0.97
54 <sup>th</sup>	Pembroke																	
55 <sup>th</sup>	Silly																47	
56 <sup>th</sup>	Parsonstown							30.20	+ .05									
57 <sup>th</sup>	Paris	30.30																



## SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

(The Stations are grouped in Districts, and then arranged in order of

Names of Districts	Names of Stations	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m.	Air Temperature								Tension of Vapour
			At 8 a.m.	Means of			Absolute Extremes				
				Minima	Maxima	Min. and Max. combined	Minimum	Date	Maximum	Date	
		ins.	°	°	°	°	°	°	°	ins.	
0. SCOTLAND, N.	Sumburgh Head ...	29.873	42.8	38.4	45.8	42.1	28	29 <sup>th</sup> & 30 <sup>th</sup>	51	17 <sup>th</sup>	.227
	Wick ...	29.944	40.8	36.6	45.1	40.9	29	29 <sup>th</sup>	54	15 <sup>th</sup>	.221
	Stornoway ...	29.903	43.0	38.0	46.7	42.4	31	29 <sup>th</sup> & 30 <sup>th</sup>	52	14 <sup>th</sup>	.247
1. SCOTLAND, E.	Nairn ...	29.986	41.7	37.5	46.2	41.9	29	5 <sup>th</sup>	57	15 <sup>th</sup>	.223
	Aberdeen ...	30.048	40.6	35.6	45.9	40.8	29	4 <sup>th</sup> 5 <sup>th</sup> & 12 <sup>th</sup>	55	18 <sup>th</sup>	.216
	Leith ...	30.116	43.0	37.7	48.0	42.9	29	30 <sup>th</sup>	54	14 <sup>th</sup> & 15 <sup>th</sup>	.238
2. ENGLAND, N.E.	Shields ...	30.187	41.4	37.4	46.3	41.9	32	27 <sup>th</sup>	54	5 <sup>th</sup>	.231
	York ...	30.253	39.7	35.1	45.5	40.3	28	25 <sup>th</sup>	53	2 <sup>nd</sup> 5 <sup>th</sup> & 6 <sup>th</sup>	.224
	Spurn Head ...	30.242	40.4	37.2	43.8	40.5	30	27 <sup>th</sup>	52	6 <sup>th</sup>	.230
3. ENGLAND, E.	Yarmouth ...	30.319	39.1	35.4	43.2	39.3	30	21 <sup>st</sup> & 22 <sup>nd</sup>	52	6 <sup>th</sup>	.221
	Cambridge ...	30.332	39.1	34.6	45.7	40.2	27	25 <sup>th</sup> & 26 <sup>th</sup>	54	6 <sup>th</sup>	.227
4. MIDLAND COUNTIES.	Nottingham ...	30.274	39.2	35.0	45.9	40.5	28	21 <sup>st</sup>	60	6 <sup>th</sup>	.214
	Oxford ...	30.345	39.7	36.5	45.5	41.0	24	25 <sup>th</sup>	55	11 <sup>th</sup>	.226
5. ENGLAND S.	London ...	30.365	39.3	35.4	45.7	40.6	25	25 <sup>th</sup>	54	11 <sup>th</sup>	.221
	Dover ...	30.372	40.8	37.5	44.6	41.1	30	18 <sup>th</sup> 19 <sup>th</sup> & 26 <sup>th</sup>	50	6 <sup>th</sup>	.237
	Hurst Castle ...	30.363	41.5	38.1	46.3	42.2	28	18 <sup>th</sup> & 19 <sup>th</sup>	51	6 <sup>th</sup>	.245
6. SCOTLAND, W.	Ardrossan ...	30.128	43.3	40.1	45.9	43.0	32	29 <sup>th</sup> & 30 <sup>th</sup>	50	5 <sup>th</sup>	.275
7. ENGLAND, N.W.	*Hawes Junction ...	28.953	37.8	34.5	40.9	37.7	28	27 <sup>th</sup>	47	14 <sup>th</sup>	.216
	Barrow-in-Furness...	30.207	41.9	39.1	44.9	42.0	33	30 <sup>th</sup>	54	9 <sup>th</sup>	.244
	Liverpool Obs <sup>r</sup> (Bidston)	30.247	41.7	38.4	46.2	42.3	33	30 <sup>th</sup>	54	5 <sup>th</sup>	.234
	Holyhead ...	30.228	44.8	41.5	47.6	44.6	34	30 <sup>th</sup>	51	5 <sup>th</sup> & 6 <sup>th</sup>	.255
8. ENGLAND, S.W.	Pembroke ...	30.268	45.0	41.9	47.5	44.7	36	20 <sup>th</sup> & 21 <sup>st</sup>	51	2 <sup>nd</sup> 5 <sup>th</sup> & 6 <sup>th</sup>	.266
	Prawle Point ...	30.354	44.0	39.6	47.4	43.5	32	24 <sup>th</sup>	54	27 <sup>th</sup>	.265
9. IRELAND, N.	Donaghadee ...	30.170	42.3	38.4	46.7	42.6	33	4 <sup>th</sup> 7 <sup>th</sup> & 8 <sup>th</sup>	52	2 <sup>nd</sup> & 5 <sup>th</sup>	.253
	Mullaghmore ...	30.108	45.7	42.2	49.3	45.8	36	29 <sup>th</sup> & 30 <sup>th</sup>	56	14 <sup>th</sup>	.258
10 IRELAND, S.	Parsonstown ...	30.210	41.4	37.1	48.1	42.6	30	19 <sup>th</sup>	54	14 <sup>th</sup>	.227
	Valencia ...	30.215	47.6	43.1	51.9	47.5	33	30 <sup>th</sup>	55	5 <sup>th</sup> 11 <sup>th</sup> & 13 <sup>th</sup>	.279
	Roche's Point ...	30.228	45.9	41.9	50.2	46.1	36	1 <sup>st</sup> 9 <sup>th</sup> & 30 <sup>th</sup>	54	14 <sup>th</sup> 15 <sup>th</sup> & 16 <sup>th</sup> 15 <sup>th</sup>	.270
CHANNEL ISLANDS.	Scilly (St. Mary's)...	30.299	48.1	45.1	50.2	47.7	39	24 <sup>th</sup>	55	27 <sup>th</sup>	.306
	Jersey (Noirmont)...	30.409	41.3	38.5	44.4	41.5	30	21 <sup>st</sup> 23 <sup>rd</sup> & 26 <sup>th</sup>	52	6 <sup>th</sup>	.245
*Hawes Junction is 1,135 feet above mean Sea Level.											

\*Hawes Junction is 1,135 feet above mean Sea Level.



## STATIONS in the BRITISH ISLANDS during the month of JANUARY, 1882.

at 8 a.m. daily.

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

Relative Humidity	Amount of Cloud	Rainfall			Weather							Wind								
		Total Fall in the month	Maximum Fall in one day	Date	No. of Days of							No. of observations of								
					Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
%		ins.	in.																	
83	8.9	3.15	0.41	5 <sup>th</sup>	25	1	0	0	0	20	8	3	0	0	1	7	8	9	3	0
88	6.5	2.25	0.65	4 <sup>th</sup>	18	1	0	0	5	14	11	0	1	1	0	9	5	9	5	1
89	7.5	4.83	0.54	6 <sup>th</sup>	25	0	3	0	6	20	14	1	0	0	2	10	8	8	2	0
85	6.1	2.39	0.48	2 <sup>nd</sup>	15	1	0	0	7	11	1	0	0	1	0	2	13	8	0	7
85	5.0	1.06	0.32	4 <sup>th</sup>	10	0	0	0	12	9	4	0	0	1	0	6	13	8	2	1
86	6.3	1.60	0.31	6 <sup>th</sup>	13	1	0	0	5	12	4	0	0	1	0	2	9	16	3	0
89	8.4	0.57	0.12	6 <sup>th</sup>	12	0	0	0	2	18	4	0	1	1	0	1	10	13	1	4
92	7.8	1.53	0.57	29 <sup>th</sup>	12	0	0	0	4	20	1	1	0	1	2	13	6	6	1	1
92	6.6	1.09	0.55	29 <sup>th</sup>	10	0	0	0	5	14	4	0	1	1	2	9	10	7	1	0
93	7.5	1.44	0.59	8 <sup>th</sup>	9	0	0	0	2	18	1	0	1	1	1	5	11	7	2	3
95	8.3	1.38	0.76	8 <sup>th</sup>	10	0	0	0	3	23	1	1	0	2	0	6	19	1	2	0
89	8.0	2.07	0.90	29 <sup>th</sup>	13	0	0	0	3	18	0	1	1	0	2	8	16	2	0	1
92	8.6	1.21	0.47	8 <sup>th</sup>	11	0	0	0	4	26	1	1	0	1	4	5	7	5	1	7
92	8.2	1.34	0.46	8 <sup>th</sup>	8	0	0	0	3	21	4	1	0	1	3	7	8	5	1	5
94	6.5	0.94	0.22	1 <sup>st</sup>	9	0	0	0	5	12	2	3	1	1	3	3	8	8	4	0
94	7.3	1.51	0.36	2 <sup>nd</sup>	12	0	0	0	3	11	4	2	3	5	3	4	4	5	4	1
98	8.2	3.14	0.57	4 <sup>th</sup>	21	0	0	0	3	21	1	0	2	1	3	6	10	6	0	3
95	8.3	5.67	1.51	5 <sup>th</sup>	20	0	0	0	0	20	3	1	0	2	1	4	11	10	2	0
92	8.3	3.35	0.85	29 <sup>th</sup>	16	0	0	0	1	21	3	0	2	5	5	5	7	3	4	0
89	7.8	2.22	0.58	29 <sup>th</sup>	12	0	0	0	5	20	1	0	1	1	11	1	13	3	1	0
86	7.4	3.24	1.07	29 <sup>th</sup>	18	0	0	0	2	12	4	0	0	2	2	9	11	7	0	0
89	8.8	4.42	1.16	28 <sup>th</sup>	17	0	0	0	0	23	5	3	0	4	8	5	4	6	1	0
92	8.4	7.80	0.44	2 <sup>nd</sup>	12	0	0	0	2	20	2	1	4	6	4	5	6	4	1	0
94	6.8	1.62	0.40	4 <sup>th</sup>	16	0	0	0	4	10	6	0	1	1	0	8	12	8	1	0
85	8.7	2.61	0.62	4 <sup>th</sup>	18	0	0	0	0	18	10	0	0	2	1	5	16	5	2	0
88	8.1	2.29	0.46	27 <sup>th</sup>	17	0	0	0	1	19	1	1	0	0	5	15	3	7	0	0
86	8.4	4.30	0.97	27 <sup>th</sup>	18	0	1	0	3	22	8	0	1	2	9	8	3	4	4	0
88	8.5	5.25	1.03	8 <sup>th</sup>	18	0	0	0	1	20	9	1	1	1	4	9	5	8	2	0
91	9.2	2.91	0.93	30 <sup>th</sup>	17	0	0	0	0	23	8	0	2	6	3	7	5	4	3	1
95	8.6	1.51	0.47	2 <sup>nd</sup>	13	0	0	0	0	20	4	0	4	6	5	4	7	2	3	0
Barometric Observations are not corrected for altitude.																				

Barometric Observations are not corrected for altitude.