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METEOROLOGICAL OFFICE.

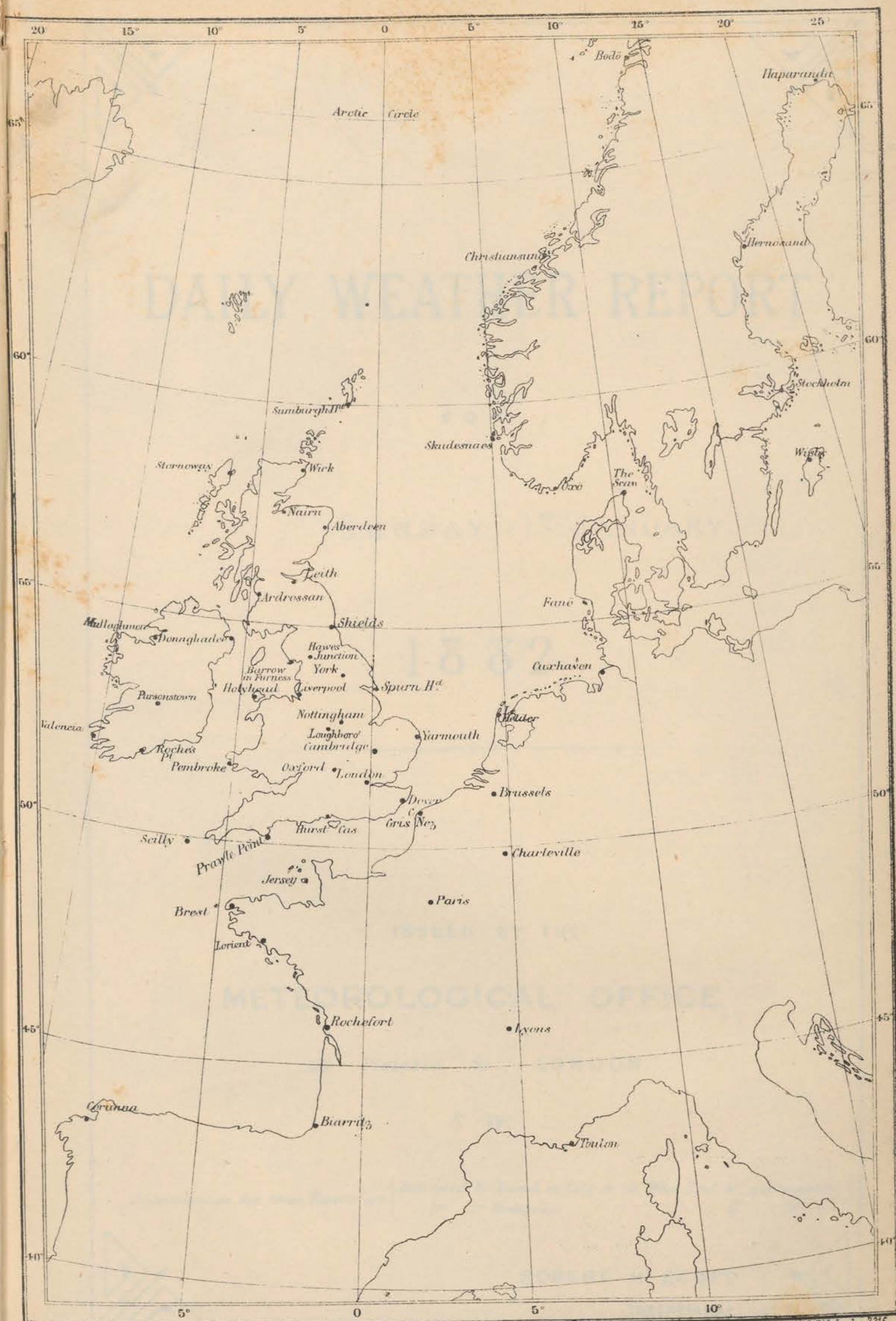
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DAILY WEATHER REPORTS.

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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

F O R

WEDNESDAY 1<sup>ST</sup> FEBRUARY.

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

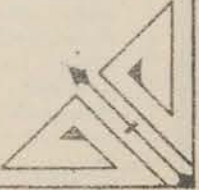
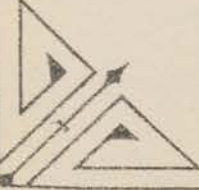
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S. W.

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ROBERT H. SCOTT

(SECRETARY.)



*Printed by Dungefield, 11th St. Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 1<sup>st</sup> FEBRUARY 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 3 to 4;  
 ○ = dead calm.

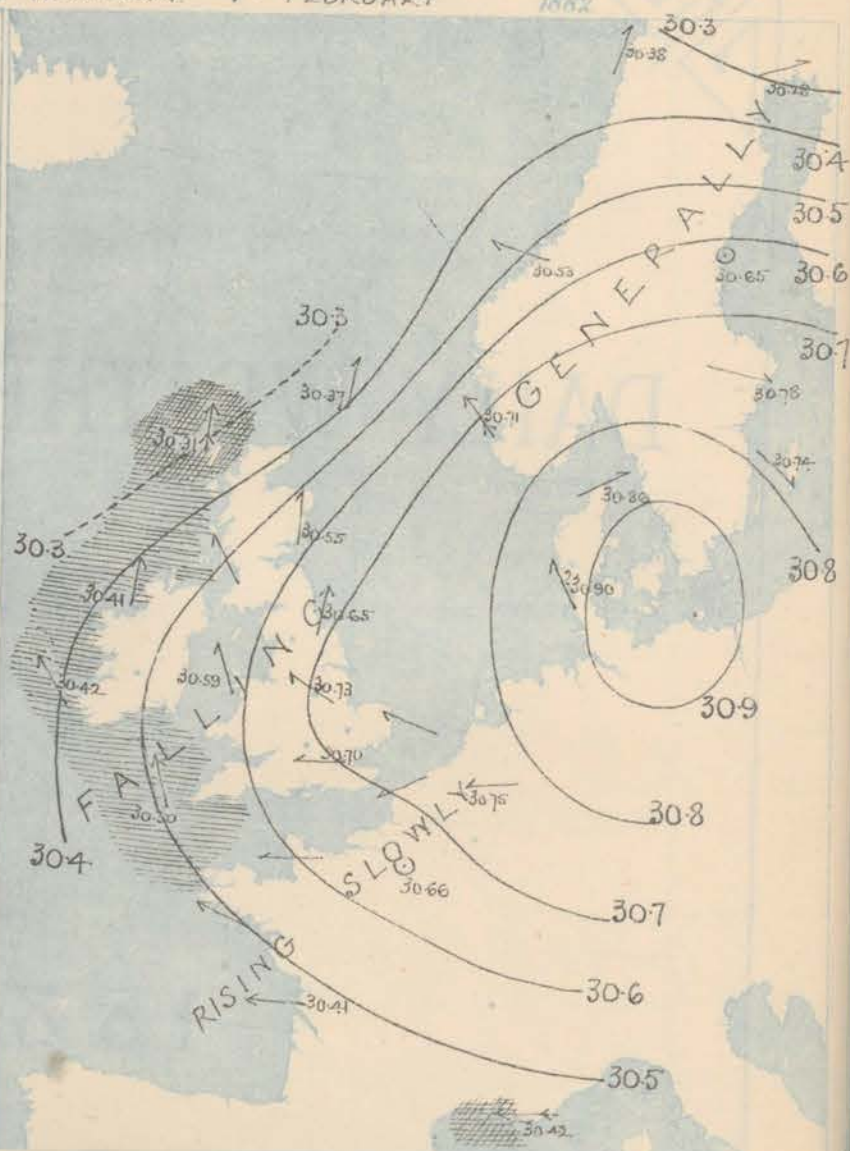
Sea Disturbance, where considerable, is shown by shading round the coast; thus — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February.

Stations.	Mean Readings.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Rochester Pt.	29.922
Plymouth	29.933
LONDON	29.963
Vermouth	29.974

\* 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.

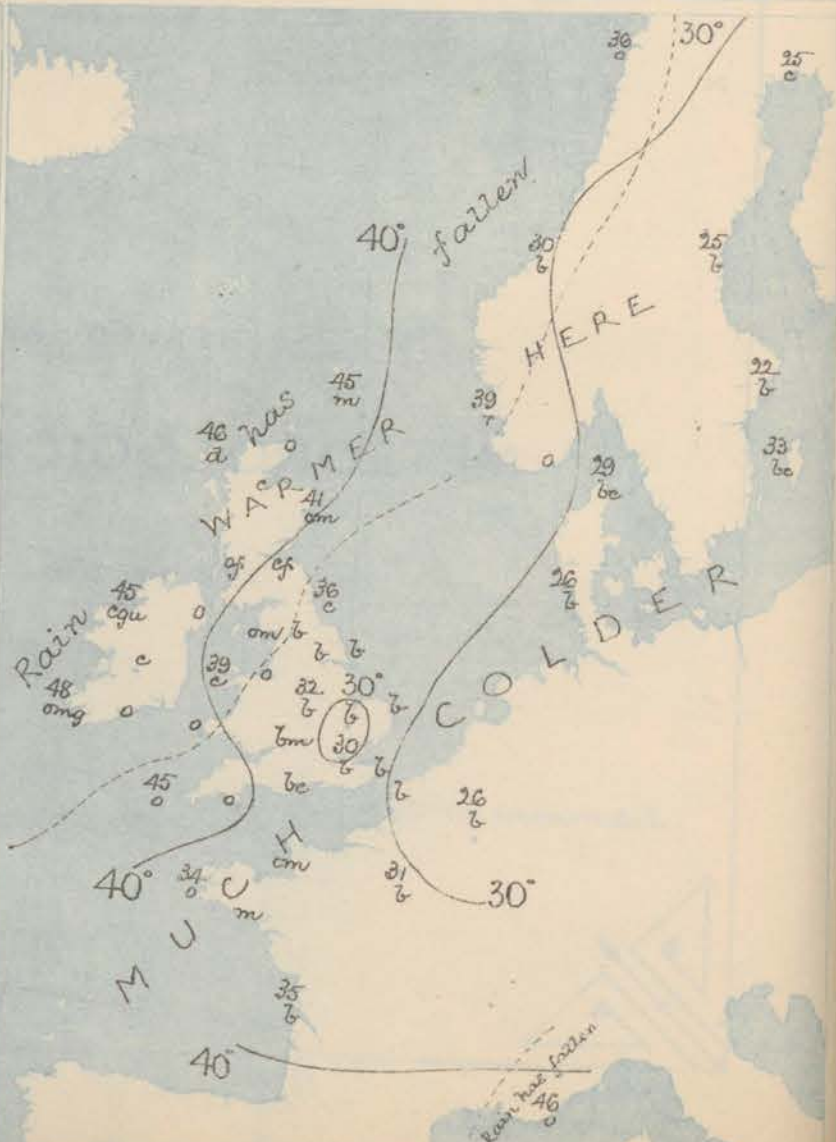
Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL.

for the month of February.

Stations.	Temp.	Rain-fall.
Swanburgh Head	38.5	2.40
Stornoway	39.4	4.31
Aberdeen	39.7	2.20
Shields	39.9	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Ermouth	39.5	2.05

\* 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 1<sup>st</sup> FEBY 1882 at 8 a.m.

The barometer still rises this morning over France and the S. of England, but is falling slowly elsewhere. The anticyclone, within which readings are about 30.9 ins. has travelled S.W. to Denmark and North Germany, while the lowest pressures, about 30.3 ins. are shown off our north-west coasts, and in the extreme N. of Sweden. The wind is E<sup>t</sup> over France and the Channel, but draws into SE. and S. elsewhere; it blows a gale at Toulon, Rochefort, Skudenago and Stornoway, and is strong in force at most of our more western stations, but in the SE. and E. it is light or moderate. The weather is fine over the East of France, and the eastern and central districts of England, but is cloudy or dull generally with mist in several places and drizzling rain at Stornoway. Slight rain has fallen in the west and north during the past twenty-four hours. Temperature has decreased except in Scotland and Sweden where it has risen and readings range from 48° at Valencia to 28° at Cambridge. Slight frost was experienced in the east and south-east last night.

The sea is rough at Stornoway, off the South-west of England and west of Ireland and at Toulon, moderate to slight elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

2<sup>nd</sup> FEBRUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S <sup>w</sup> winds, strong to a gale; dull, misty rain.	6 SCOTLAND WEST	SE <sup>ly</sup> and S <sup>w</sup> winds, strong; dull, rain.
2 SCOTLAND EAST	S <sup>ly</sup> and S <sup>w</sup> winds, moderate and fresh; dull, mild.	7 ENGLAND N.W.	SE <sup>ly</sup> winds, moderate and fresh; dull, misty.
3 ENGLAND N.E.	D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----	8 ENGLAND S.W.	E <sup>ly</sup> and SE <sup>ly</sup> winds, fresh, squally, dull, cold.
4 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Same as No 6.
5 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	Same as No 6.
6 ENGLAND SOUTH	Light E <sup>ly</sup> and SE <sup>ly</sup> winds; fine, hazy, then dull and milder.	WARNINGS	The south cone still flies in districts No 0, 1, 8 and 10.



# METEOROLOGICAL OBSERVATIONS FOR

17 FEB

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 8).	SHADE TEMP.				
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda ...	30.39	21	NW	2	b	30.28	- .15	25	24	+ .12	W	2	c	*	3	7	-		
Hernösand ...	30.75	29	NR	2	b	30.65	- .07	25	23	+ .5	Z	0	b	*	39	16	-		
Stockholm ...	30.79	24	SW	2	b	30.78	- .00	22	21	0	WNW	2	b	*	30	21	-		
Wisby ...	30.76	35	NRW	4	b	30.74	+ .05	28	31	+ .2	NW	4	bc	*	36	30	-		
Bodö ...	30.43	39	SW	6	b	30.38	- .12	36	?	- .3	SSW	4	o	3	39	34	0.08		
Christiansund ...	30.73	30	ESE	1	b	30.53	- .21	33	27	- .2	ESE	2	b	4	36	21	0.08		
†Skudesnaes ...	30.83	39	ESE	6	o	30.71	- .15	39	38	+ .4	SE	8	N	4	41	34	-		
Oxö (Kristiansund) ...	30.89	30	NW	1	c	30.81	- .05	32	31	+ .4	SSW	4	o	3	34	27	-		
Skagen (The Skaw)	30.89	30	SW	2	b	30.86	+ .04	29	26	- .4	WSW	3	bc	3	36	27	-		
Fanö ...	30.93	27	SSE	2	bc	30.90	+ .03	26	26	- .2	SSE	2	b	*	36	25	-		
Cuxhaven ...	30.86	?	E	1	b	30.88	+ .15	28	28	- .4	SE	2	b	*	32	27	-		
†Sumburgh Head	30.50	43	S	5	o	30.37	- .24	45	45	+ .5	SSW	4	m	4	45	40	0.13		
†Stornoway	30.33	44	S	6	n	30.31	- .11	46	45	+ .4	S	8	d	7	47	40	0.09		
Wick ...	30.44	42	S	5	o	30.42	- .13	45	44	+ .4	S	3	o	4	45	40	0.35		
Nairn ...	30.44	39	Z	0	n	30.42	- .09	45	42	+ .13	Z	0	e	1	45	32	0.14		
†Aberdeen ...	30.58	41	S	4	n	30.55	- .08	41	40	0	S	1	cm	3	42	39	0.10		
Leith ...	30.59	41	SE	1	n	30.54	- .02	39	38	- .2	NW	1	cf	*	42	36	0.16		
†Shields ...	30.67	40	SW	3	o	30.65	- .01	36	34	- .4	SW	5	e	4	41	35	-		
Spurn Head	30.72	40	SSE	5	c	30.71	+ .07	37	36	- .3	S	3	b	3	41	36	-		
York ...	30.71	39	SE	2	o	30.72	+ .05	35	34	- .4	S	1	b	*	41	34	-		
Nottingham ...	30.73	40	SE	2	o	30.73	+ .05	32	31	- .7	ESE	2	b	*	41	31	-		
†Ardrossan	30.56	42	ESE	3	fz	30.57	+ .05	42	42	+ .1	SE	3	cf	3	43	39	0.30		
†Mullaghmore	30.36	51	S	6	o	30.41	+ .19	45	43	- .1	S	6	cg	5	53	44	0.03		
Donaghadee ...	30.34	45	SSE	6	omg	30.57	+ .10	42	41	- .1	SSE	6	o	4	45	42	0.17		
Parsonstown ...	30.36	48	SE	2	o	30.50	+ .21	42	40	- .5	SE	1	e	*	51	41	0.04		
Barrow-in-Furness	30.63	39	ESE	4	o	30.64	+ .08	37	35	- .3	SE	4	om	4	41	36	0.01		
†Holyhead ...	30.56	46	SSW	2	m	30.59	+ .13	39	37	- .4	SSE	3	e	2	47	38	0.06		
Liverpool (Bidston)	30.62	39	SE	3	o	30.64	+ .08	36	35	- .4	SE	3	o	3	41	36	-		
†Valencia ...	30.37	51	SE	6	rmg	30.42	+ .20	48	46	- .3	SE	7	omg	6	55	47	0.10		
Roche's Point ...	30.44	47	SSE	6	n	30.47	+ .18	46	44	- .3	SSE	6	o	5	51	44	0.15		
Pembroke ...	30.56	43	ESE	4	o	30.57	+ .13	42	40	- .1	ESE	4	o	4	44	40	0.03		
†Sailly ...	30.48	47	ESE	8	o	30.50	+ .12	45	43	- .6	SSE	6	o	5	51	43	-		
Prawle Point ...	30.59	42	EHE	5	o	30.58	+ .08	43	42	- .2	E	5	o	5	45	40	-		
Hurst Castle ...	30.64	41	ESE	5	m	30.64	+ .07	38	37	- .4	ESE	4	bc	4	43	37	-		
†Dover ...	30.69	41	ESE	4	c	30.71	+ .10	33	32	- .7	ESE	2	b	2	41	32	-		
†London ...	30.68	39	EHE	3	o	30.70	+ .07	30	30	- .10	E	2	b	*	40	29	-		
Oxford ...	30.71	39	E	3	o	30.69	+ .08	31	30	- .9	E	1	bm	*	41	31	-		
Cambridge ...	30.71	39	E	1	o	30.72	+ .07	28	28	- .11	E	1	b	*	40	27	-		
†Yarmouth ...	30.73	39	SE	4	b	30.73	+ .06	37	35	0	SE	4	b	4	39	35	-		
The Heider ...																			
Cape Gris Nez	30.67	37	EHE	5	b	30.69	+ .08	27	26	- .10	EHE	5	b	3	41	25	-		
†Jersey ...	30.59	40	EHE	4	om	30.61	+ .08	36	35	- .5	E	3	cm	3	41	35	-		
Brest ...	30.49	44	E	5	b	30.52	+ .12	34	33	- .15	EHE	3	o	5	52	32	-		
Lorient ...	30.42	45	SSE	7	c	30.43	+ .07	39	35	- .7	ESE	7	m	4	46	36	-		
†Rochefort ...	30.37	42	EHE	7	b	30.41	+ .09	35	34	- .10	E	7	b	2	54	30	-		
Biarritz ...																			
Corunna ...	*	*	*	*	*			*							*	*	*		
Brussels ...	*	*	*	*	*	30.75	+ .13	26	26	- .10	E	1	b	*	40	26	-		
Charleville ...	30.35	36	NHE	3	b	30.67	+ .13	26	24	- .12	SSW	4	b	*	43	26	-		
Paris ...	30.60	42	NE	3	bc	30.66	+ .07	31	30	- .10	Z	0	b	*	*	*	-		
Lyons ...															*	*	*		
Toulon ...			E	5		30.42	+ .11	46	42	- .1	E	9	o	7	54	41	0.20		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.38	35	ESE	2	om	29.37	+ .03	29	28	- .5	NW	1	b	*	26	27	-		

## HIGH LEVEL STATION.

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

Hawes Junction	29.38	35	ESE	2	om	29.37	+ .03	29	28	- .5	NW	1	b	*	35	27	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

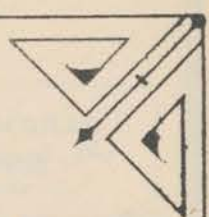
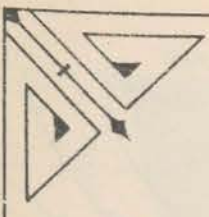
	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudeanaes ...	30.86	41	36	ESE	2	3	Valencia ...	30.33	52	51	SSE	5	mrq	5
Sumburgh Head	30.53	42	39	S	5	5	Sailly ...	30.46	49	49	ESE	9	o	6
Stornoway ...	30.57	43	42	SSE	5	4	Dover ..	30.65	40	38	ESE	4	cg	3
Aberdeen ...	30.61	42	39	S	8	6	London ...	30.67	40	38	ESE	4	og	*
Shields ...	30.66	41	39	SSW	4	5	Yarmouth ...	30.71	38	37	SE	5	bc	4
Ardrossan ...	30.53	41	41	ESE	3	3	Jersey... ..	30.57	40	39	E	3	o	3
Mullaghmore ...	30.30	53	51	S	6	5	Rochefort ...							
Holyhead ...	30.53	47	46	S	2	1								

Barometer is decreasing somewhat in the N., increasing elsewhere and the large anticyclone in the NE. seems to be passing SE. At Sailly a strong gale from ESE is blowing.

## 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

F O R

THURSDAY 2<sup>ND</sup> FEBRUARY

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



*Printed by D. B. D. at the Office of the Meteorological Office, S. W.*



# WEATHER CHARTS

for 8 a.m. on Thursday 2<sup>ND</sup> FEBRUARY 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.

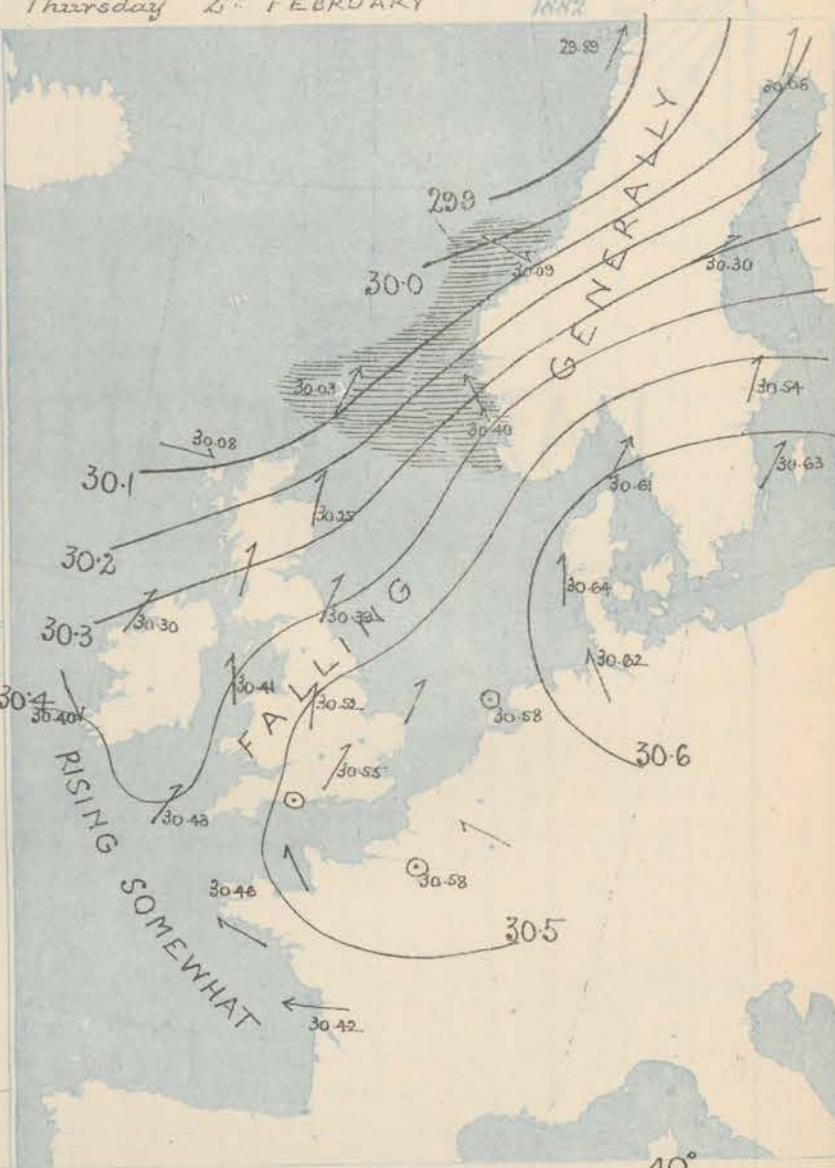
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→ forces above 10; → forces 8 to 10  
→ forces 5 to 7; → forces 1 to 4;  
○ = dead calm.

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

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

Stations.	Mean Readings Ins.
Nairn	29.774
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Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greencastle	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt	29.922
Plymouth	29.993
LONDON	29.983
Yarmouth	29.974

\* 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.

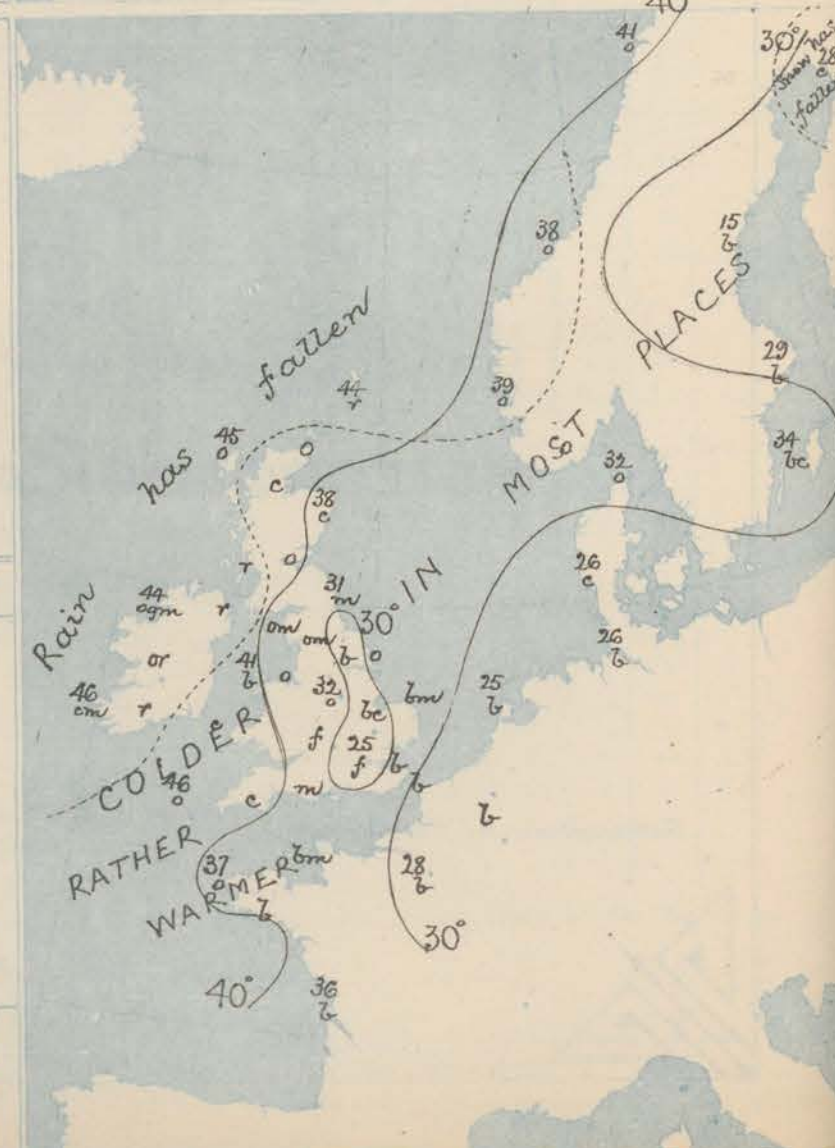
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.  
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 February

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	38.5	2.40
Stornoway	39.4	4.31
Aberdeen	39.7	2.20
Shields	39.3	1.61
Kirk	39.7	1.75
Mullinghammore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dever	41.0	1.78
LONDON	41.2	1.58
Yarmouth	39.5	2.05

\* 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 2<sup>nd</sup> FEB<sup>RY</sup> 1882 at 8 a.m.

The barometer is falling this morning in all parts of Western Europe except the extreme S.W. of Ireland and the W. of France; the area of highest pressure, at the same time that it is travelling SE<sup>ward</sup>, appears to be slowly giving way, while depressions are shown, one off the N.W. of Norway, and a second off the N.W. of Scotland, and a third off the S. coast of Ireland. The wind is light or moderate in force generally; it is still E<sup>ly</sup> over France, and between SE. and S.W. on most other coasts, but at Valencia a light NNW<sup>ly</sup> breeze has sprung up. The sky is cloudy or dull generally, and rain is falling in Ireland and the W. of Scotland, but in the SE. of England and NE. of France the weather is again fine and bright except in London, where dense fog prevails. Slight rain has fallen in the W. Temperature has risen a little over the Channel and the NW of France, fallen elsewhere, and readings range at present from 46° on our S.W. coast and 45° at Gosnaway to 25° in London and 28° at Paris. The maxima yesterday were only 38° at Dover and Yarmouth, between 40° and 50° elsewhere. Sea is rough round the Shetlands and off the W. of Norway.

MAP SHOWING  
DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

3<sup>RD</sup> FEBRUARY

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

DISTRICTS		FORECASTS	DISTRICTS		FORECASTS
1	SCOTLAND NORTH	SW <sup>2</sup> / <sub>4</sub> winds, moderate but increasing again; dull, mild, rain.	6	SCOTLAND WEST	S <sup>2</sup> / <sub>4</sub> winds, moderate and fresh; cloudy, slight rain.
2	SCOTLAND EAST	-----D°-----D°-----D°-----	7	ENGLAND N. W.	-----D°-----D°-----D°-----
3	ENGLAND N. E.	SW <sup>2</sup> / <sub>4</sub> winds, light to fresh; cloudy, rain, milder.	8	ENGLAND S. W.	SW <sup>2</sup> / <sub>4</sub> winds, moderate and fresh; dull, slight rain.
4	ENGLAND EAST	Same as N° 5	9	IRELAND NORTH	SW <sup>2</sup> / <sub>4</sub> winds, moderate, but freshening; dull, rain.
5	MIDLAND COUNTIES	Same as N° 5.	10	IRELAND SOUTH	-----D°-----D°-----D°-----
6	ENGLAND SOUTH	Light S <sup>2</sup> / <sub>4</sub> and SW <sup>2</sup> / <sub>4</sub> breezes; fog clearing in London, weather becoming cloudy and milder.	WARNINGS		NONE ISSUED



# METEOROLOGICAL OBSERVATIONS FOR

2<sup>ND</sup> FEB<sup>R</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	30.29	19	SW	2	b	30.08	- 20	28	27	+ 3	SW	2	e	*	?	14	0.39			
Hernösand	30.50	23	Z	0	b	30.30	- 35	15	14	- 10	WSW	2	b	*	43	?	-			
Stockholm	30.65	28	W	2	b	30.54	- 24	29	28	+ 7	SW	2	b	*	30	21	-			
Wisby	30.69	33	WNW	4	b	30.63	- 11	34	33	+ 1	WSW	1	bc	*	36	32	-			
Bodö	30.17	39	SSW	2	o	29.89	- 49	41	41	+ 5	SSW	6	o	3	?	36	0.08			
Christiansund	30.32	40	SSW	1	o	30.09	- 44	38	36	+ 8	WNW	1	o	5	41	28	0.08			
Skudesnaes	30.60	41	SE	8	o	30.40	- 31	39	38	0	SE	8	o	6	41	39	-			
Oxö (Xiänsund)	30.67	39	SSW	4	o	30.53	- 28	38	36	+ 6	SSW	4	o	3	39	?	-			
Skagen (The Skaw)	30.74	33	SW	4	o	30.61	- 25	32	31	+ 3	SW	5	o	4	34	25	-			
Fanö	30.76	31	S	4	o	30.64	- 26	26	26	0	S	4	e	*	34	?	-			
Cuxhaven	30.82	?	SE	2	b	30.62	- 26	26	25	- 2	SE	2	b	*	32	25	-			
Sumburgh Head	30.25	45	SSW	5	m	30.03	- 34	44	43	- 1	SW	5	h	5	47	40	0.12			
Stornoway	30.22	44	S	9	o	30.08	- 23	45	43	- 1	W	4	o	4	46	40	0.09			
Wick	30.32	42	SSW	4	c	30.12	- 30	43	41	- 2	SW	3	o	3	47	41	-			
Nairn	30.32	42	WSW	1	c	30.16	- 26	42	40	- 3	WSW	3	c	1	49	39	-			
Aberdeen	30.39	38	S	6	o	30.25	- 30	38	37	- 3	SSW	4	c	3	44	36	-			
Leith	30.49	36	SW	1	c	30.30	- 27	42	40	+ 3	WSW	3	u	*	42	35	-			
Shields	30.55	38	SW	3	cm	30.39	- 26	31	30	- 5	SW	2	m	3	40	29	-			
Spurn Head	30.59	38	SE	4	b	30.49	- 22	31	30	- 6	SW	5	o	3	39	29	-			
York	30.58	36	SE	2	b	30.48	- 24	28	28	- 7	S	1	b	*	42	28	-			
Nottingham	30.60	33	ESE	1	b	30.52	- 21	32	32	0	SSW	1	o	*	43	26	-			
Ardrossan	30.45	42	SE	3	o	30.31	- 26	44	44	+ 2	SSW	4	h	3	44	40	0.03			
Mullaghmore	30.33	45	S	5	cm	30.30	- 11	44	43	- 1	SW	4	om	3	47	43	0.21			
Donaghadee	30.44	43	WSW	4	c	30.34	- 13	43	42	+ 1	SW	4	h	2	44	41	0.04			
Parsonstown	30.40	41	S	1	b	30.37	- 13	43	42	+ 1	S	1	on	*	47	36	0.06			
Barrow-in-Furness	30.50	35	SE	2	o	30.43	- 21	33	32	- 4	ESE	3	om	3	39	32	-			
Holyhead	30.50	38	SSW	2	b	30.41	- 18	41	39	+ 2	S	3	b	2	43	36	-			
Liverpool (Bidston)	30.52	37	ESE	3	b	30.45	- 19	31	30	- 5	SE	2	o	2	40	29	-			
Valencia	30.34	48	SE	6	mg	30.40	- 02	46	44	- 2	WNW	1	cm	1	50	45	0.25			
Roche's Point	30.40	46	SE	5	o	30.37	- 10	46	46	0	WSW	3	h	4	50	45	0.04			
Pembroke	30.48	41	SE	3	c	30.43	- 14	44	42	+ 2	SSW	2	c	2	44	40	-			
Scilly	30.43	45	ESE	4	o	30.43	- 07	46	43	+ 1	SW	2	o	4	46	43	-			
Prawle Point	30.50	41	E	4	c	30.48	- 10	45	44	+ 2	SSW	2	c	2	45	39	-			
Hurst Castle	30.55	38	ESE	5	b	30.51	- 13	39	38	+ 1	ESE	1	m	3	43	36	-			
Dover	30.61	37	SE	3	b	30.54	- 17	36	35	+ 3	SSW	2	b	1	38	33	-			
London	30.60	34	E	1	fb	30.55	- 15	25	25	- 5	SSW	1	f	*	42	24	-			
Oxford	30.57	32	ESE	2	b	30.52	- 17	31	31	0	SE	2	f	*	42	27	-			
Cambridge	30.59	35	SE	1	b	30.55	- 17	26	25	- 2	SE	1	bc	*	44	24	-			
Yarmouth	30.63	39	SE	4	b	30.54	- 19	23	32	- 4	SW	2	bm	2	38	31	-			
The Helder	30.69	31	ESE	1	b	30.58	- 24	25	24	- 5	SE	1	b	1	34	25	-			
Cape Gris Nez	30.64	33	E	3	b	30.64	- 15	28	28	+ 1	SE	3	b	1	39	27	-			
Jersey	30.52	40	E	2	bm	30.64	- 07	38	37	+ 2	SE	2	bm	3	41	36	-			
Brest	30.43	42	SE	1	b	30.46	- 06	37	35	+ 3	E	1	o	4	50	34	-			
Lorient	30.38	41	SE	5	b	30.39	- 04	40	36	+ 1	ESE	4	b	4	45	36	-			
Rochefort	30.59	46	E	4	b	30.42	+ 01	36	35	+ 1	E	5	b	2	55	30	-			
Biarritz																				
Corunna																				
Brussels						30.60	- 15	26	?	0	E	1	f	*	37	26	-			
Charleville	30.60	32	SE	3	b	30.58	- 09	24	20	+ 2	ESE	1	b	*	43	?	-			
Paris	30.60	36	NE	3	b	30.58	- 08	28	28	- 3	Z	0	b	*	*	*	-			
Lyons	30.61	32	N	1	b	30.63		28	28		SE	1	f	*	38	28	-			
Toulon	30.52	43	E	9	bc	30.56	+ 14	42	37	- 4	E	9	bc	7	46	?	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	29.26	32	N	1	b	29.14	- 23	29	29	0	NW	1	om	*	37	25	-			

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.65	41	38	SE	8	h	5	Valencia ...	30.38	49	46	SE	5	mg	5
Sumburgh Head	30.32	46	45	SEW	4	h	4	Scilly ...	30.46	46	43	SE	5	o	5
Stornoway ...	30.25	44	43	S	9	o	7	Dover ..	30.64	27	34	SE	2	b	1
Aberdeen ...	30.46	43	41	SEW	4	c	3	London ...	30.63	40	36	SE	3	bm	•
Shields ...	30.57	40	38	SW	4	cm	4	Yarmouth ...	30.67	39	36	SE	3	b	4
Ardrossan ...	30.52	41	41	SE	3	o	2	Jersey ...	30.53	40	38	E	3	b	3
Mullaghmore ...	30.38	46	44	S	5	ogm	4	Roche fort ...	30.40	52	47	ESE	5	b	?
Holyhead ...	30.54	43	40	SEW	3	c	2								

Pressure is decreasing slowly and uniformly over the whole of these Islands. The wind is SE<sup>ly</sup> to S<sup>ly</sup>, blowing a gale in the Heligoland, and the weather is fine and bright 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); 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, 3<sup>RD</sup> FEBRUARY.

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



*Fred\* Dargerfield Lith 22 Bedford St Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on FRIDAY 3<sup>rd</sup> FEBRUARY 1882

## BAROMETER, WIND & SEA.

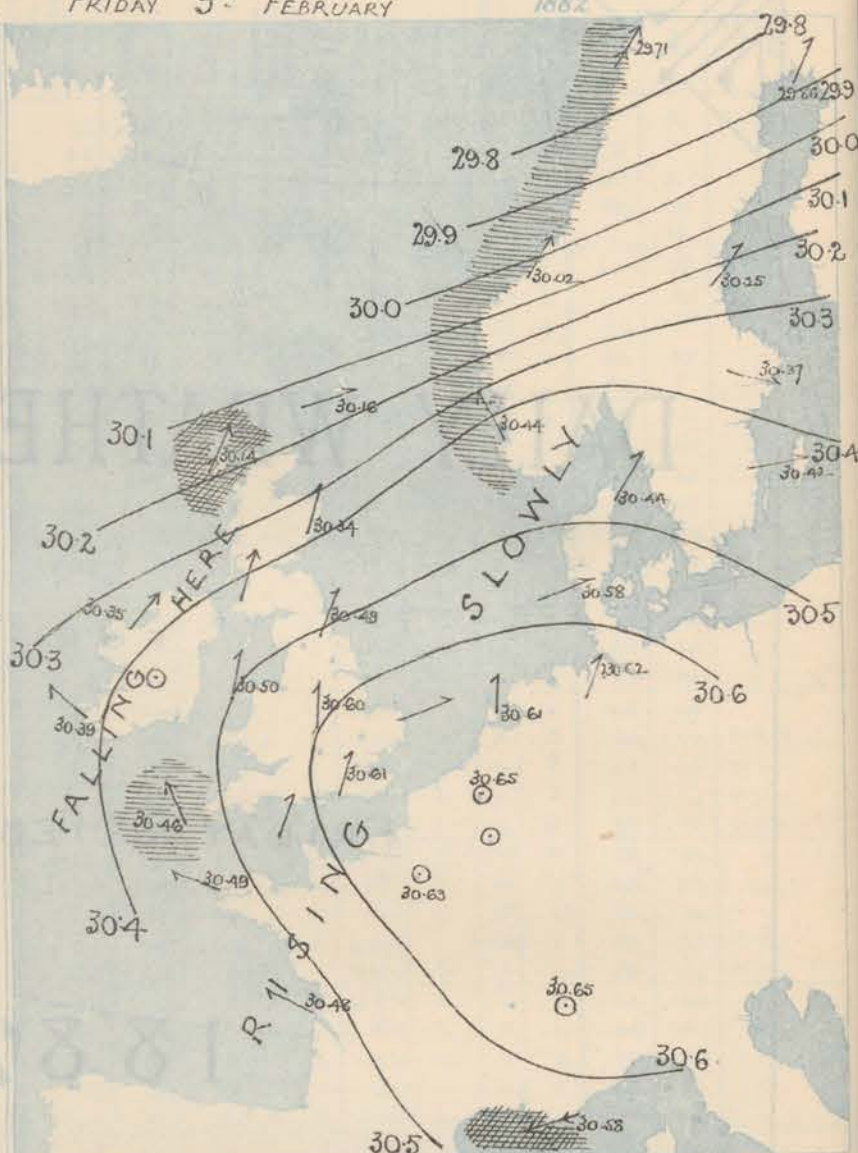
### Explanation of Map.

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 1 to 10; →→ force 11 to 15; →→→ force 16 to 20; →→→→ force 21 to 25; →→→→→ force 26 to 30; →→→→→→ force 31 to 40; →→→→→→→ force 41 to 50; →→→→→→→→ force 51 to 60; →→→→→→→→→ force 61 to 70; →→→→→→→→→→ force 71 to 80; →→→→→→→→→→→ force 81 to 90; →→→→→→→→→→→→ force 91 to 100.  
Sea. Disturbances, when considerable, are shown by shading round the coast, thus: rough; high.

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

Stations	Mean Readings.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Androsen	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Rochester	29.922
Plymouth	29.893
LONDON	29.963
Yarmouth	29.974

\* 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.

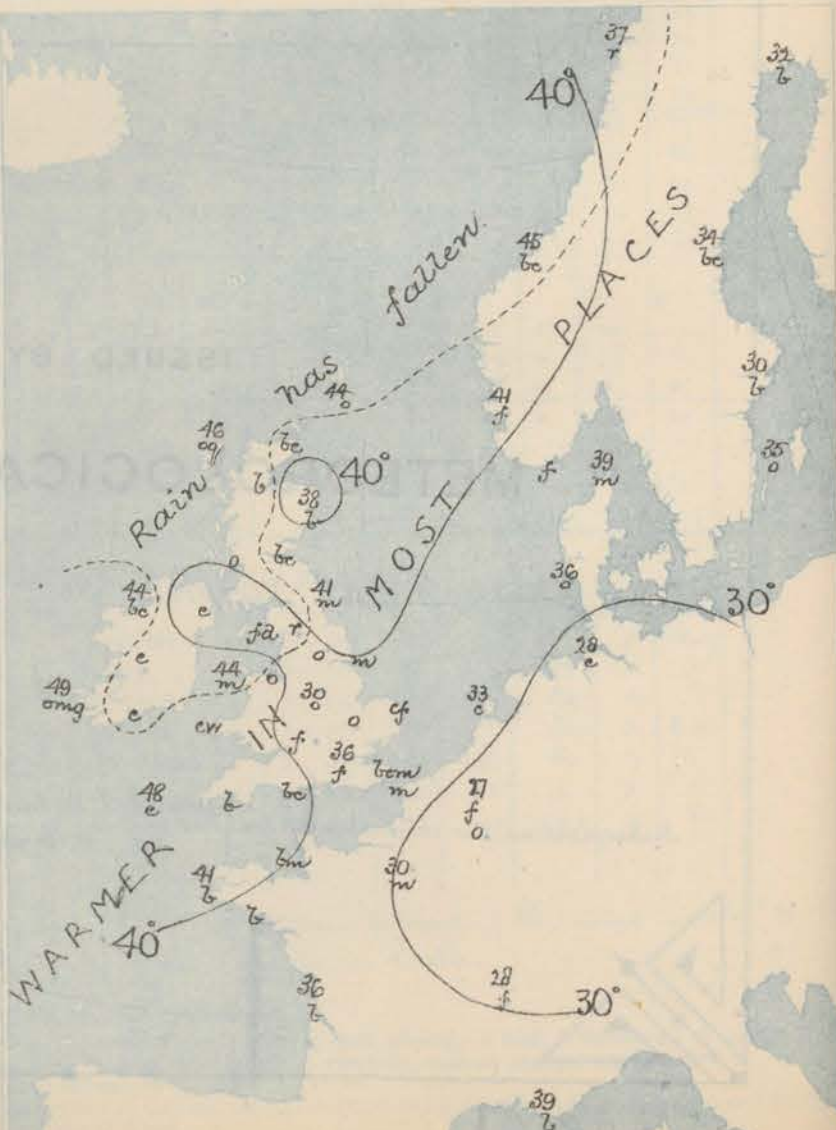
### Explanation of Map.

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 February

Stations	Temp.	Rain-fall.
Sunderbury Head	38.5	2.40
Stornoway	39.4	4.31
Aberdeen	39.1	2.20
Shetland	39.3	1.61
Hirk	39.7	1.73
Mullingmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

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





# REMARKS

for Friday 3<sup>rd</sup> FEB<sup>RY</sup> 1882 at 8 a.m.

During yesterday the barometer rose over nearly the whole of Western Europe and the anticyclone from North Germany advanced westward over our south eastern districts, but during the night a slight change has occurred. In the East of France, the East of England and parts of Scandinavia this morning the increase still holds, and the anticyclone occupies the same position, but all along our western coast a fall of the mercury has taken place, and conditions there are less settled. Light S<sup>W</sup> breezes prevail in the east, with fair and dry, though foggy weather, while fresh to moderate SE<sup>W</sup> and S<sup>W</sup> winds are reported in the W., and a SW<sup>W</sup> gale at Stornoway with dull or very cloudy weather. Slight rain has fallen <sup>in the</sup> north-west and north. Temperature has risen in most places, the change over Central England being considerable, and readings range from 33° at Cambridge to 46° at Stornoway and 49° at Valencia. The maxima yesterday were above 50° in the south-west, but below 40° in the south-east. Lunar halos were seen in the north of Scotland last night.

Sea is rough at Sicily, Stornoway, off the west of Norway and at Yaulon.

MAP SHOWING DISTRICTS.



# FORECASTS

for the 24 hours ending at Noon  
on the

4<sup>th</sup> FEBRUARY.

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

## DISTRICTS

## FORECASTS

0	SCOTLAND NORTH	SW <sup>W</sup> to W <sup>W</sup> strong winds and gales; dull, some rain.
1	SCOTLAND EAST	SW <sup>W</sup> winds, moderate and fresh; fine then dull.
2	ENGLAND N.E.	-----D°-----D°-----D°-----
3	ENGLAND EAST	Same as No 5.
4	MIDLAND COUNTIES	Same as No 5.
5	ENGLAND SOUTH	SE <sup>W</sup> and S <sup>W</sup> winds, light to moderate; cloudy & foggy to fine.

## DISTRICTS

## FORECASTS

6	SCOTLAND WEST	SE <sup>W</sup> or S <sup>W</sup> winds, light or moderate, cloudy, misty.
7	ENGLAND N.W.	-----D°-----D°-----D°-----
8	ENGLAND S.W.	SE <sup>W</sup> winds, moderate, fresh in places, cloudy, misty.
9	IRELAND NORTH	SE <sup>W</sup> and SW <sup>W</sup> winds, fresh and moderate; dull, misty.
10	IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS		NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

3<sup>rd</sup> FEB<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	29.80	30	SW	2	0	29.86	- 22	32	30	+ 4	SW	4	b	*	?	18	-	
Hernösand	29.96	22	Z	0	b	30.25	- 05	34	32	- 19	WSW	2	bc	*	?	14	-	
Stockholm	30.35	30	W	6	bc	30.37	- 17	30	30	+ 1	WNW	2	b	*	36	25	-	
Wisby	30.50	33	SW	6	b	30.42	- 21	35	34	+ 1	WNW	4	0	*	37	32	-	
Bodö	29.53	40	SW	8	2	29.71	- 18	37	36	- 4	SW	8	2	6	43	36	0.08	
Christiansund	30.01	41	SW	7	c	30.02	- 07	45	38	+ 7	SW	6	bc	6	45	28	0.08	
†Skudesnaes	30.36	42	W	4	f	30.44	+ 04	41	41	+ 2	SSE	2	f	5	43	39	-	
Oxö (Århusund)	30.29	40	SW	4	0	30.42	- 11	36	36	- 2	SW	2	f	3	41	36	-	
Skagen (The Skaw)	30.46	31	WSW	4	0	30.44	- 17	39	39	+ 7	WSW	3	m	2	39	28	-	
Faro	30.56	34	WSW	4	c	30.58	- 06	36	34	+ 10	WSW	2	0	*	36	?	-	
Cuxhaven	30.56	?	SSE	1	b	30.52	00	28	27	+ 2	SW	1	c	*	32	25	-	
†Sumburgh Head	30.20	43	W	5	b	30.16	+ 13	44	42	0	WSW	4	0	4	47	40	0.10	
†Stornoway	30.29	42	SW	3	c	30.14	+ 06	46	44	+ 1	SSE	8	0	7	48	41	0.01	
Wick	30.33	42	SW	2	b	30.23	+ 11	41	39	- 2	S	1	bc	2	49	38	-	
Nairn	30.40	41	WSW	2	bc	30.25	+ 09	43	40	- 1	W	4	b	2	49	40	0.01	
†Aberdeen	30.39	41	Z	0	b	30.34	+ 09	38	37	0	SSE	4	b	3	50	33	-	
Leith	30.42	43	SW	1	b	30.41	+ 11	42	40	0	WSW	1	bc	*	47	30	-	
†Shields	30.47	42	WNW	1	0	30.49	+ 10	41	40	+ 10	SW	1	m	2	42	31	-	
Spurn Head	30.52	38	SW	3	c	30.54	+ 05	40	39	+ 9	SW	1	m	2	41	31	-	
York	30.51	37	S	1	0	30.54	+ 06	37	36	+ 9	S	1	0	*	38	27	-	
Nottingham	30.57	37	SW	1	0	30.60	+ 08	39	37	+ 7	S	1	0	*	44	26	-	
†Ardrossan	30.42	44	SSW	1	bc	30.42	+ 11	44	43	0	SSW	3	0	2	47	40	0.02	
†Mullaghmore	30.32	45	WSW	2	bc	30.35	+ 05	44	43	0	SW	5	bc	4	51	41	-	
Donaghadee	30.47	40	SSW	2	f	30.45	+ 11	37	37	- 6	SSW	3	c	1	48	35	0.05	
Parsonstown	30.48	43	Z	0	b	30.44	+ 07	41	41	- 2	SSE	1	c	*	51	36	0.03	
Barrow-in-Furness	30.49	36	E	2	f	30.51	+ 08	39	39	+ 6	ESE	3	f	3	39	33	0.06	
†Holyhead	30.47	45	SSW	1	m	30.50	+ 05	44	43	+ 3	SSW	2	m	1	45	40	0.05	
Liverpool (Bidston)	30.52	39	SE	2	0	30.51	+ 06	43	39	+ 12	SSE	2	0	1	43	31	-	
†Valencia	30.46	46	Z	0	mb	30.39	- 01	49	48	+ 3	SE	4	omg	4	54	39	-	
Roche's Point	30.46	46	SSE	3	2	30.42	+ 05	48	46	+ 2	S	4	c	4	50	45	0.26	
Pembroke	30.52	46	SSE	1	c	30.50	+ 07	44	44	0	SSE	2	cu	3	46	43	-	
†Scilly	30.48	49	ESE	4	c	30.46	+ 03	48	46	+ 2	SE	5	c	6	51	43	-	
Prawle Point	30.52	44	ESE	2	b	30.55	+ 07	45	44	0	SSE	3	b	2	49	43	-	
Hurst Castle	30.56	43	SSW	2	b	30.60	+ 09	42	41	+ 3	SSW	2	bc	3	49	38	-	
†Dover	30.57	38	WNW	2	c	30.61	+ 07	38	37	+ 2	SSW	1	bc	0	42	34	-	
†London	30.59	36	Z	0	f	30.61	+ 06	36	36	+ 11	SSW	1	f	*	39	25	-	
Oxford	30.59	37	ESE	1	0	30.60	+ 08	37	37	+ 6	S	1	f	*	38	31	-	
Cambridge	30.58	31	SE	1	c	30.61	+ 06	33	32	+ 7	S	1	om	*	36	24	-	
†Yarmouth	30.56	37	SSW	1	bc	30.58	+ 04	35	34	+ 2	WSW	1	cf	2	39	31	-	
The Helder	30.58	27	S	1	b	30.61	+ 03	33	30	+ 8	S	1	c	1	36	25	-	
Cape Gris Nez	30.57	37	E	1	b	30.62	+ 08	33	32	+ 5	SSE	1	m	0	39	28	-	
†Jersey	30.56	42	E	1	bc	30.60	+ 06	40	39	+ 2	E	2	bc	2	44	37	-	
Brest	30.49	48	SSE	5	b	30.49	+ 03	41	39	+ 4	SE	4	b	4	50	36	-	
Lorient	30.45	46	E	3	b	30.44	+ 05	38	36	- 2	ESE	5	b	1	46	36	-	
†Rochefort	30.44	46	SE	4	*b	30.48	+ 06	36	34	0	ESE	4	b	2	54	30	-	
Biarritz																		
Corunna																		
Brussels						30.65	+ 05	27	27	+ 1	E	1	f	*	37	26	-	
Charleville	30.59	31	ESE	3	b	30.61	+ 03	25	23	+ 1	E	1	0	*	37	20	-	
Paris	30.60	36	ESE	1	b	30.63	+ 05	30	30	+ 1	Z	0	m	*	*	*	-	
Lyons	30.62	35	N	1	b	30.65	+ 02	28	28	0	SSW	1	f	*	41	26	-	
Toulon	30.59	42	E	8	c	30.58	+ 02	39	36	- 3	ESE	8	b	7	45	39	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.23	35	WNW	1	2	29.22	+ 08	37	37	+ 8	SW	1	2	*	37	28	0.05	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	30.31	41	40	S	8	0	Valencia	30.43	51	48	N	2	6
Sumburgh Head	30.09	45	42	WSW	5	6	Scilly	30.45	50	46	ESE	2	c
Stornoway	30.23	48	45	W	4	bc	Dover	30.54	41	39	W	2	bc
Aberdeen	30.31	44	42	SW	1	b	London	30.55	39	36	Z	0	fg
Shields	30.40	40	38	SW	2	m	Yarmouth	30.52	39	36	WSW	2	b
Ardrossan	30.36	47	46	SW	3	0	Jersey	30.55	43	41	ESE	2	b
Mullaghmore	30.39	50	47	SW	3	bc	Rochefort	30.44	52	47	E	4	b
Holyhead	30.45	45	45	SW	2	d							

There has been comparatively little change since the morning but the barometer has risen generally and very fine bright weather prevails in most places, though in Clondra dense fog, and at Holyhead drizzling rain, is reported.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 3 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

F O R

SATURDAY 4<sup>TH</sup> FEBRUARY.

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



*Fred<sup>k</sup> Dingerfield Lith 22 Bedford St (over) Garden*



# WEATHER CHARTS

for 8 a.m. on SATURDAY 4<sup>TH</sup> FEBRUARY 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.

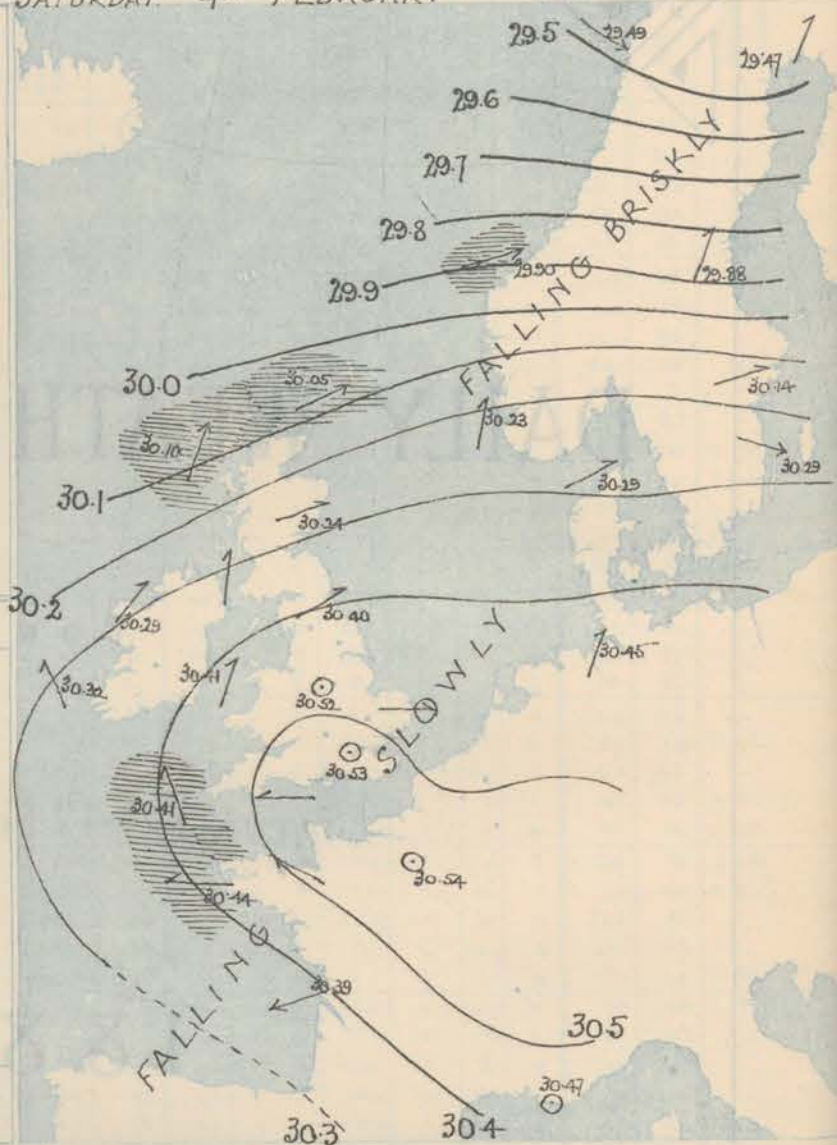
Sea Disturbance, where considerable is shown by shading round the coast: thus — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February

Stations.	Mean Readings.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Reche's Pt	29.922
Plymouth	29.993
LONDON	29.983
Yarmouth	29.974

\* 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.

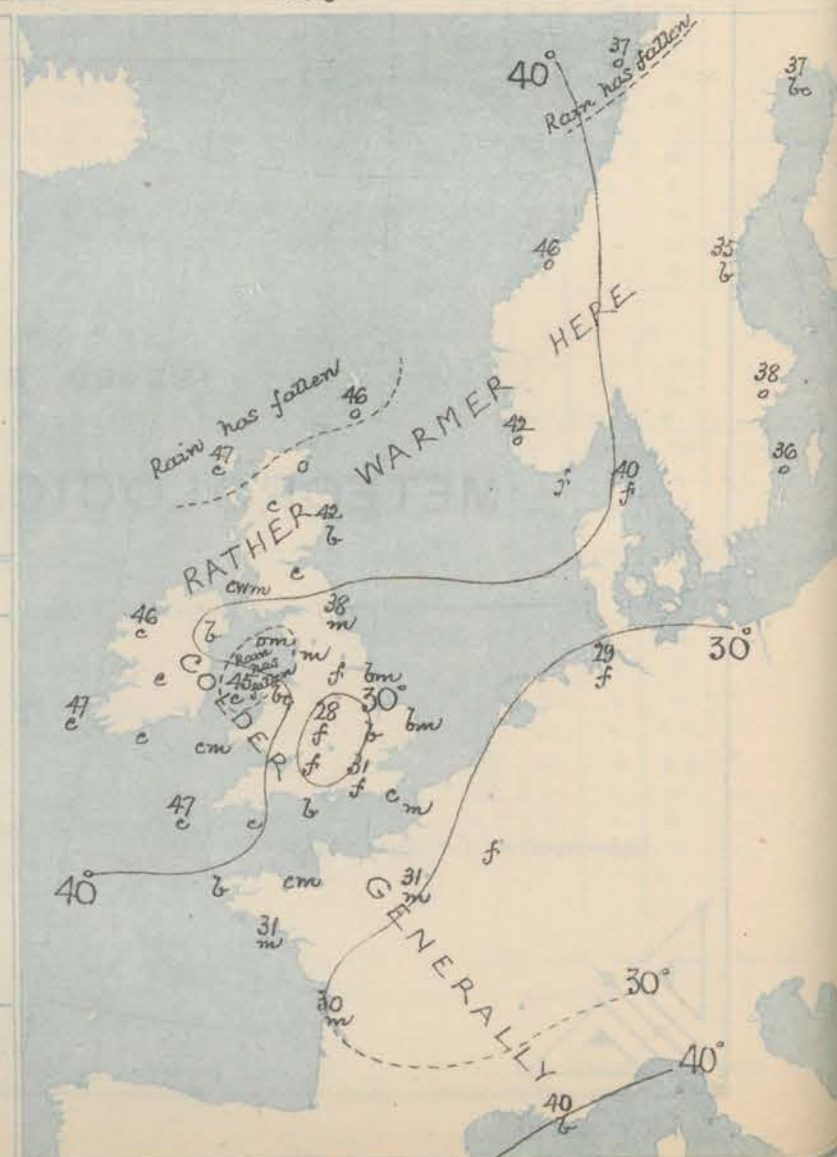
Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL.

for the month of February.

Stations	Temp.	Rain-fall
Sunderland Head	38.5	2.40
Swansea	39.4	4.31
Aberdeen	39.1	2.20
Shields	39.3	1.61
York	39.7	1.75
Mallowmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.88
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

\* 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, 4<sup>TH</sup> FEB<sup>Y</sup> 1882 at 8 a.m.

Pressure continues to decrease in all parts of Western Europe, but, the change remaining slight and uniform, the general distribution is almost unaltered. The anticyclone, now 30.5 inches, lies over the north east of France and south east of England, while a depression is shown over the extreme north of Scandinavia. Light variable airs or calms prevail in the south east, E<sup>ly</sup> breezes over France, S<sup>ly</sup> and S<sup>W</sup> winds on our west and north coasts, and W<sup>ly</sup> winds in Norway and Sweden. The weather is fine at most of the more eastern stations; dense fog prevails over Central England and fog or mist over France, while a good deal of cloud is reported in the west and north. Hardly any rain has fallen. Temperature has increased somewhat in the north and north west, decreased elsewhere, and readings range from 47° at Stornoway and 46° at Roche's Point to 25° at Oxford. The sea is rough at Lilly and to the N.<sup>W</sup> of Scotland.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

5<sup>TH</sup> FEBRUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	South-westerly and westerly winds, strong; cloudy, dull.	6 SCOTLAND WEST	Southerly and south-westerly winds, moderate; cloudy, misty.
2 SCOTLAND EAST	South-westerly winds, moderate or light; cloudy, fair.	7 ENGLAND N. W.	D° ..... D° ..... D°
3 ENGLAND N. E.	D° ..... D° ..... D°	8 ENGLAND S. W.	South-easterly and southerly winds; cloudy, misty.
4 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	Light to fresh breezes between South-east and south-west; cloudy, but fair.
5 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	D° ..... D° ..... D°
6 ENGLAND SOUTH	Light Southerly breezes or calms; fog continuing in London; fine weather elsewhere.	WARNINGS	None Issued.



# METEOROLOGICAL OBSERVATIONS FOR 4<sup>TH</sup> FEB<sup>R</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	29.59	36	SW	6	0		29.47	-.39	37	36	+ 5	SW	4	bc	*		37	27	-
Hernösand	29.95	37	SW	2	b		29.88	-.37	35	31	+ 1	SW	2	b	*		39	19	-
Stockholm	30.29	36	WSW	2	0		30.14	-.23	38	36	+ 8	W	3	0	*		39	28	-
Wisby	30.43	36	WSW	2	bc		30.29	-.13	36	35	+ 1	WNW	6	0	*		37	30	-
Bodö	29.28	44	SW	9	r		29.49	-.22	37	35	0	NW	6	0	3		44	28	0.28
Christiansund	29.95	45	SW	9	bc		29.90	-.12	46	41	+ 1	WSW	9	0	6		46	32	-
†Skudesnaes	30.33	42	SSE	4	0		30.23	-.21	42	42	+ 1	SSW	2	0	4		43	41	-
Oxö (Xmasund)	30.40	40	WSW	4	0		30.25	-.17	42	41	+ 6	SW	4	f	3		42	39	-
Skagen (The Skaw)	30.45	37	SW	4	0		30.29	-.15	40	39	+ 1	WSW	4	f	4		41	34	-
†Fanö	30.53	36	SW	2	0		30.42	-.16	37	36	+ 1	SW	2	0	*		37	36	-
Cuxhaven	30.51	?	Z	0	c		30.45	-.07	29	29	+ 1	SW	1	f	*		30	23	-
†Sumburgh Head	30.10	46	WSW	5	0		30.05	-.11	46	45	+ 2	WSW	5	0	5		47	43	0.02
†Stornoway	30.12	48	WSW	7	0		30.10	-.04	47	46	+ 1	SSW	5	c	5		48	44	0.03
Wick	30.20	43	S	4	b		30.15	-.08	44	43	+ 3	SW	2	0	2		48	39	-
Nairn	30.25	45	W	2	b		30.19	-.06	45	44	+ 2	WSW	1	c	1		47	43	-
†Aberdeen	30.30	43	SSW	3	b		30.24	-.10	42	40	+ 4	WSW	2	b	1		48	37	-
Leith	30.37	46	WSW	1	bc		30.33	-.08	42	40	0	N	1	c	*		48	36	-
†Shields	30.46	45	WSW	2	om		30.40	-.09	38	37	- 3	WSW	1	m	2		45	35	-
Spurn Head	30.54	40	WNW	1	0		30.44	-.10	35	35	- 5	SSE	2	bm	1		45	33	-
York	30.51	41	S	1	0		30.46	-.08	31	31	- 6	SSE	1	f	*		43	29	-
Nottingham	30.55	36	Z	0	b		30.52	-.08	28	28	- 11	Z	0	f	*		42	26	-
†Ardrossan	30.37	45	SSW	4	om		30.32	-.10	44	44	0	S	2	com	1		45	42	-
†Mullaghmore	30.30	47	SSW	5	0		30.29	-.06	46	43	+ 2	SW	4	c	5		49	44	-
Donaghadee	30.41	45	SW	3	c		30.35	-.10	38	37	+ 1	SW	3	b	1		46	36	-
Parsonstown	30.39	44	SSE	1	bc		30.36	-.08	42	41	+ 1	SSE	1	c	*		51	36	-
Barrow-in-Furness	30.51	39	S	2	b		30.41	-.10	39	39	0	ESE	2	om	2		43	37	0.03
†Holyhead	30.46	44	SSW	1	b		30.41	-.09	45	45	+ 1	SSW	3	c	2		47	43	0.01
Liverpool (Bidston)	30.49	42	S	2	b		30.43	-.08	42	40	- 1	SSW	2	bc	1		49	38	-
†Valencia	30.34	50	SE	5	0		30.32	-.07	47	46	- 2	SE	3	c	3		51	45	-
Roche's Point	30.40	48	S	4	c		30.35	-.07	49	47	+ 1	S	4	c	4		52	45	-
Pembroke	30.46	47	SE	2	bc		30.44	-.06	46	45	+ 2	SSE	3	cm	3		48	42	-
†Scilly	30.43	50	S	5	c		30.41	-.05	47	45	- 1	SSE	4	c	5		52	45	-
Prawle Point	30.53	45	SE	3	b		30.50	-.05	41	40	- 4	SE	3	c	2		48	40	-
Hurst Castle	30.57	43	SSE	1	c		30.51	-.09	38	32	- 9	E	1	b	2		47	32	-
†Dover	30.59	41	Z	0	bc		30.51	-.10	39	37	+ 1	SSE	1	c	0		42	37	-
†London	30.58	36	SSW	1	bcf		30.53	-.08	31	31	- 5	Z	0	f	*		45	30	-
Oxford	30.50	40	SE	1	0		30.52	-.08	25	25	- 12	Z	0	f	*		45	25	-
Cambridge	30.57	35	SSE	1	b		30.51	-.10	30	29	- 3	Z	0	b	*		41	27	-
†Yarmouth	30.56	40	Z	0	m		30.49	-.09	36	35	+ 1	W	2	bm	2		40	32	-
The Helder	30.58	34	SSW	1	0		30.50	-.11	33	33	0	SSW	1	0	1		37	30	-
Cape Gris Nez	30.60	37	Z	0	m		30.50	-.12	31	31	- 2	SE	1	m	0		39	30	-
†Jersey	30.55	42	E	3	bm		30.53	-.07	35	33	- 5	ESE	3	cm	3		46	33	-
Brest	30.46	48	SE	4	b		30.44	-.05	36	34	- 5	E	3	b	5		50	34	-
Lorient	30.43	43	ESE	4	b		30.37	-.07	31	30	- 7	SE	5	m	5		48	28	-
†Rochefort	30.44	54	E	1	b		30.39	-.09	30	30	- 6	ENE	5	m	2		57	25	-
Biarritz																			
Corunna	*	*	*	*	*												*	*	*
†Brussels	*	*	*	*	*		30.54	-.11	21	31	+ 4	E	1	0	*		37	29	-
Charleville	30.38	31	S	1	0		30.58	-.03	22	21	- 3	NE	1	f	*		32	19	-
Paris	30.60	33	N	3	0		30.54	-.09	31	30	+ 1	Z	0	m	*		*	*	-
Lyons																			
Toulon	30.54	44	ENE	3	b		30.47	-.11	40	38	+ 1	Z	0	b	5		46	39	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.20	36	W	1	b		29.15	-.07	36	36	- 1	SSW	2	m	*		39	33	0.03

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.42	42	40	S	4	0	5	Valencia ...	30.35	50	48	SSE	5	om	5
Sumburgh Head	30.11	45	42	WSW	4	0	4	Scilly ...	30.44	51	50	SSE	5	c	6
Stornoway ...	30.13	48	45	SSW	6	0	6	Dover ..	30.58	42	40	SW	2	cg	1
Aberdeen ...	30.31	46	43	SSW	4	b	2	London ...	30.58	42	41	SSW	1	bef	*
Shields ...	30.47	45	43	WSW	2	0	2	Yarmouth ...	30.56	40	38	SSE	1	bm	2
Ardrossan ...	30.39	45	45	SSW	4	0	3	Jersey ...	30.57	45	43	ESE	2	b	2
Mullaghmore ...	30.33	49	46	SW	5	0	4	Rochefort ...	30.47	54	47	E	3	b	2
Holyhead ...	30.48	47	45	SSW	3	c	2								

Pressure is decreasing slowly everywhere, but the change is uniform, and the winds are unaltered. The weather is fine in the E., but dull in the W.

## EXPLANATION OF COLUMNS.

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



# DAILY WEATHER REPORT

FOR

SUNDAY 5<sup>TH</sup> FEBRUARY.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on Sunday 5<sup>th</sup> FEBRUARY 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 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 February.

Stations	Mean Readings.
	Inches.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greencastle	29.847
Holyhead	29.889
Valencia	29.903
Roches Pt.	29.922
Plymouth	29.993
LONDON	29.983
Wormouth	29.974

\* 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 February.

Stations	Temp.	Rain-fall
	°	inches.
Scarborough Head	38.5	2.40
Severnoy	39.4	4.31
Aberdeen	39.1	2.40
Shields	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Wormouth	39.5	2.05

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





# REMARKS

for Sunday 5<sup>th</sup> FEB<sup>ry</sup> 1882 at 8 a.m.

The fall of the barometer which was taking place yesterday morning still continues slowly over France, and the south and south-east of England, but in the N. and N. of our Islands the mercury has risen, the consequence of these changes being that the anticyclone, although of reduced height, now extends W<sup>est</sup> as far as Ireland, and N<sup>orth</sup> as far as the N. of England. The winds have fallen light in all parts of the Kingdom; on our SW. Coast they are E<sup>ast</sup> or SE<sup>ast</sup> and on our E. coasts W<sup>est</sup> but in other districts very variable airs are reported. N<sup>orth</sup> breezes blew in the N. and N.W. of Scotland yesterday in the rear of a small depression which passed across that country. The weather is cloudy or dull generally, with fog or mist in many places. Exceedingly dense fog prevailed in London last evening. Heavy rain has fallen at Valencia, and smaller amounts at many of our W. and N. stations. Temperature has changed irregularly, and at present ranges from 45° at Valencia to 31° at Nottingham. During yesterday the thermometer rose to 53° at Aberdeen, Leith and Valencia, but did not exceed 40° at Nottingham and Dover.

The sea is smooth except at Scilly and Christiansund, as well off the N. of Spain.

## 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

1 S S U E D  
2  
3  
4  
5  
6

### DISTRICTS

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

### WARNINGS

1 S S U E D  
2  
3  
4  
5  
6  
7  
8  
9  
10



METEOROLOGICAL OBSERVATIONS FOR 5<sup>TH</sup> FEBRUARY

1882

YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 55° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRICAL.		SHADE TEMP.			WIND.		Weather.	Bar. (0 to 5).	SHADE TEMP.					
			Dir.	Force. (0 to 12).		Reading at 33° 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	29.60	31	SH	2	b	29.80	+ .33	23	22	- .14	NW	2	b	*	37	?	-			
Hernösand	29.95	37	SSH	2	b	30.12	+ .24	33	29	- .2	Z	0	b	*	48	?	-			
Stockholm	30.03	38	W	2	b	30.16	+ .02	32	32	- .6	NNE	2	bc	*	39	?	-			
Wisby	30.19	37	SSH	6	b	30.11	- .18	37	36	+ .1	NNW	6	b	*	39	36	-			
Bodö	29.63	32	SH	6	c	29.93	+ .44	24	23	- .13	W	6	0	4	37	31	-			
Christiansund	30.06	39	W	5	0	30.26	+ .36	35	34	- .11	SH	4	b	6	2	25	0.99			
Skudesnæs	30.21	43	SH	2	0	30.28	+ .05	37	36	- .5	NNW	4	c	3	45	?	-			
Örö (Klansund)	30.21	41	SH	4	m	30.22	- .03	40	39	- .2	SH	2	m	2	43	39	-			
Skagen (The Skaw)	30.21	40	SSH	5	m	30.21	- .08	40	39	0	SSH	3	b	2	43	37	-			
Fanö	30.38	36	SSH	2	c	30.33	- .05	37	37	0	W	4	m	*	39	36	-			
Cuxhaven	30.36	?	SH	1	0	30.50	- .15	34	34	+ .5	Z	0	c	*	34	27	-			
Sumburgh Head	30.19	40	NNE	2	c	30.31	+ .26	39	36	- .7	NNE	1	0	1	47	25	0.07			
Sornoway	30.27	44	N	3	r	30.25	+ .15	44	44	- .3	SSH	1	r	1	49	40	0.06			
Wick	30.27	43	N	3	0	30.30	+ .15	43	43	- .1	S	3	0	3	48	38	-			
Nairn	30.24	46	SSH	2	c	30.31	+ .12	41	39	- .4	SSH	1	0	1	50	41	0.10			
Aberdeen	30.27	45	SH	1	c	30.34	+ .10	44	43	+ .2	Z	0	f	1	33	41	0.01			
Leith	30.34	47	SSH	1	b	30.37	+ .04	43	42	+ .1	W	1	cm	*	53	40	-			
Shields	30.36	46	W	2	bc	30.39	- .01	42	41	+ .4	NNW	2	c	2	50	38	-			
Spurn Head	30.43	41	SH	1	m	30.42	- .02	39	39	+ .4	W	2	m	1	44	34	-			
York	30.42	40	S	1	0	30.42	- .04	34	34	+ .3	Z	0	f	*	41	28	-			
Nottingham	30.48	38	Z	0	bc	30.47	- .05	31	31	+ .3	NE	1	f	*	40	28	-			
Ardrossan	30.35	45	SH	2	bc	30.37	+ .05	43	43	- .1	Z	0	of	0	45	41	0.01			
Mullaghmore	30.33	49	SSH	3	0	30.34	+ .05	47	45	+ .1	SSH	1	og	3	52	44	-			
Donaghadee	30.39	45	SW	2	c	30.38	+ .03	43	43	+ .5	Z	0	c	0	52	37	-			
Parsonstown	30.38	47	SSE	1	c	30.41	+ .05	43	42	+ .1	S	1	0	*	50	40	0.02			
Barrow-in-Furness	30.41	43	SSH	2	bc	30.41	00	44	42	+ .3	SH	2	cm	2	44	39	0.01			
Holyhead	30.42	46	SH	3	m	30.42	+ .01	45	44	0	SSH	2	f	1	47	44	0.05			
Liverpool (Bidston)	30.44	43	SH	2	bc	30.44	+ .01	41	39	- .1	Z	0	bc	1	49	39	-			
Valencia	30.53	49	SE	3	op	30.57	+ .05	48	49	+ .1	SE	3	r	3	53	46	0.68			
Roche's Point	30.36	49	SSH	4	bc	30.37	+ .02	46	44	- .3	SSE	4	c	4	52	44	0.12			
Pembroke	30.45	45	SSH	2	bc	30.44	00	44	41	- .2	SH	2	bc	2	47	43	-			
Scilly	30.42	45	SE	5	bc	30.42	+ .01	45	42	- .2	ESE	3	bc	5	49	42	-			
Prawle Point	30.46	39	NE	1	b	30.45	- .05	36	36	- .5	N	2	c	1	48	34	-			
Hurst Castle	30.49	40	SE	2	m	30.46	- .05	35	35	+ .2	ESE	1	cm	2	44	30	-			
Dover	30.47	36	E	2	bc	30.46	- .05	34	32	- .5	S	2	b	1	40	32	-			
London	30.49	30	Z	0	f	30.48	- .05	32	31	+ .1	S	1	c	*	45	28	-			
Oxford	30.48	36	NNW	1	0	30.45	- .07	35	34	+ .10	Z	0	cf	*	46	25	-			
Cambridge	30.48	36	Z	0	b	30.44	- .07	34	34	+ .4	SH	1	0	*	46	28	-			
Yarmouth	30.45	40	Z	0	bc	30.43	- .06	35	35	- .1	SSH	2	og	2	44	34	-			
The Helder	30.45	38	SSH	1	0	30.40	- .10	39	39	+ .6	SSH	1	c	1	39	33	-			
Cape Gris Nez	30.44	28	E	1	bc	30.47	- .03	26	24	- .5	Z	0	b	0	36	23	-			
Jersey	30.47	38	ENE	2	cm	30.43	- .10	32	36	+ .3	NE	3	cm	3	38	32	-			
Brest	30.43	40	ENE	3	b	30.40	- .04	35	32	- .1	E	3	0	2	46	32	-			
Lorient	30.36	31	E	4	b	30.32	- .05	32	?	+ .1	ENE	4	m	3	43	27	-			
Rocheport	30.36	44	ENE	4	b	30.33	- .06	29	28	- .1	ENE	3	m	2	34	23	-			
Biarritz	30.32	59	E	4	bc	30.29	- .07	46	42	0	SE	3	b	5	61	41	-			
Corunna	*	*	*	*	*	30.19	- .12	41	*	- .2	ESE	1	b	5	*	*	*			
Brussels	*	*	*	*	*	30.46	- .08	29	29	- .2	E	1	0	*	35	28	-			
Charleville	30.52	31	NE	1	b	30.41	- .17	25	27	+ .6	NE	1	0	*	41	?	-			
Paris	30.47	31	NE	4	0	30.45	- .09	28	27	- .3	ENE	1	0	*	*	*	-			
Lyons	30.49	28	N	1	f	30.43	- .43	24	24	- .1	E	1	f	*	28	23	-			
Toulon	30.39	25	W	4	b	30.32	- .15	45	39	+ .5	NNW	1	b	2	48	40	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	29.15	39	SSH	2	f	29.15	00	38	38	+ .2	SSH	1	f	*	39	36	0.05			

## HIGH LEVEL STATION.

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

Hawes Junction	29.15	39	SSH	2	f	29.15	00	38	38	+ .2	SSH	1	f	1	1	39	36	0.05
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Woa.	Sea.		Bar.	Dry.	Wet.	Wind.		Woa.	Sea.
Skudeanaes ...	30.21	45	43	WSW	2	0	4	Valencia ...	30.33	53	51	SE	3	cm	4
Sumburgh Head	30.11	43	43	NNE	3	r	4	Scilly ...	30.43	47	45	SSE	5	c	5
Sornoway ...	30.19	46	46	N	4	d	4	Dover ...	30.46	37	36	SE	2	cm	1
Aberdeen ...	30.25	46	44	SW	1	b	1	London ...	30.49	40	37	Z	0	of	0
Shields ...	30.37	49	45	W	2	b	2	Yarmouth ...	30.45	44	42	W	1	bc	2
Ardrossan ...	30.33	45	45	SSW	3	0	2	Jersey ...	30.49	38	35	E	2	0	3
Mullaghmore ...	30.33	42	47	SSW	4	bc	4	Rocheport ...	30.38	48	44	ENE	5	b	2
Holyhead ...	30.42	47	45	SW	3	m	2								

Pressure has changed rather irregularly and small shallow depressions have appeared in the N. bringing N<sup>ly</sup> winds and rain to the Hebrides and Shetlands.

## EXPLANATION OF COLUMNS.

W. B. A. S. — *W* = blue sky; *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 6<sup>TH</sup> FEBRUARY.

1882

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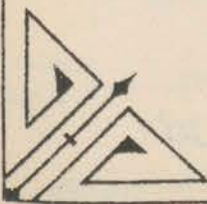
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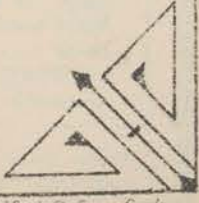
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ROBERT H. SCOTT

(SECRETARY.)



*Printed by Dungefield, Lath & Plattford, St. James's Garden.*



# WEATHER CHARTS

for 8 a.m. on Monday. 6<sup>th</sup> FEBRUARY. 1882

## BAROMETER, WIND & SEA.

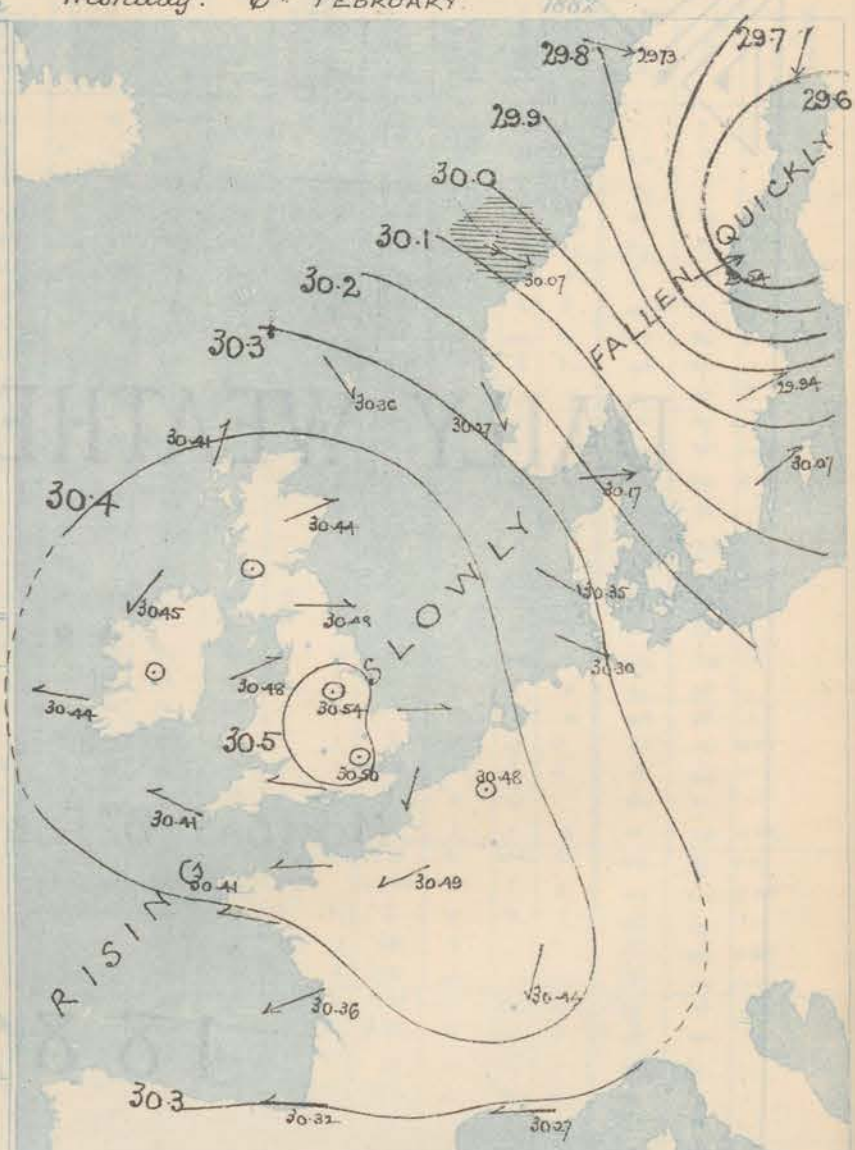
### Explanation of Map.

Barometer. Isohars are drawn for each tenth of an inch.  
Changes in height of barometer since previous morning are stated in words.  
Wind. Arrows show the prevalent 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<sup>\*</sup> HEIGHT of the BAROMETER for the month of February.

Stations.	Mean Readings.
	Inch.
Nuern	29.774
Aberdeen	29.799
Leith	29.847
Scarborough	29.908
Ardnaman	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Roch's Pt.	29.922
Plymouth	29.993
LONDON	29.983
Farmouth	29.974

\* 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.

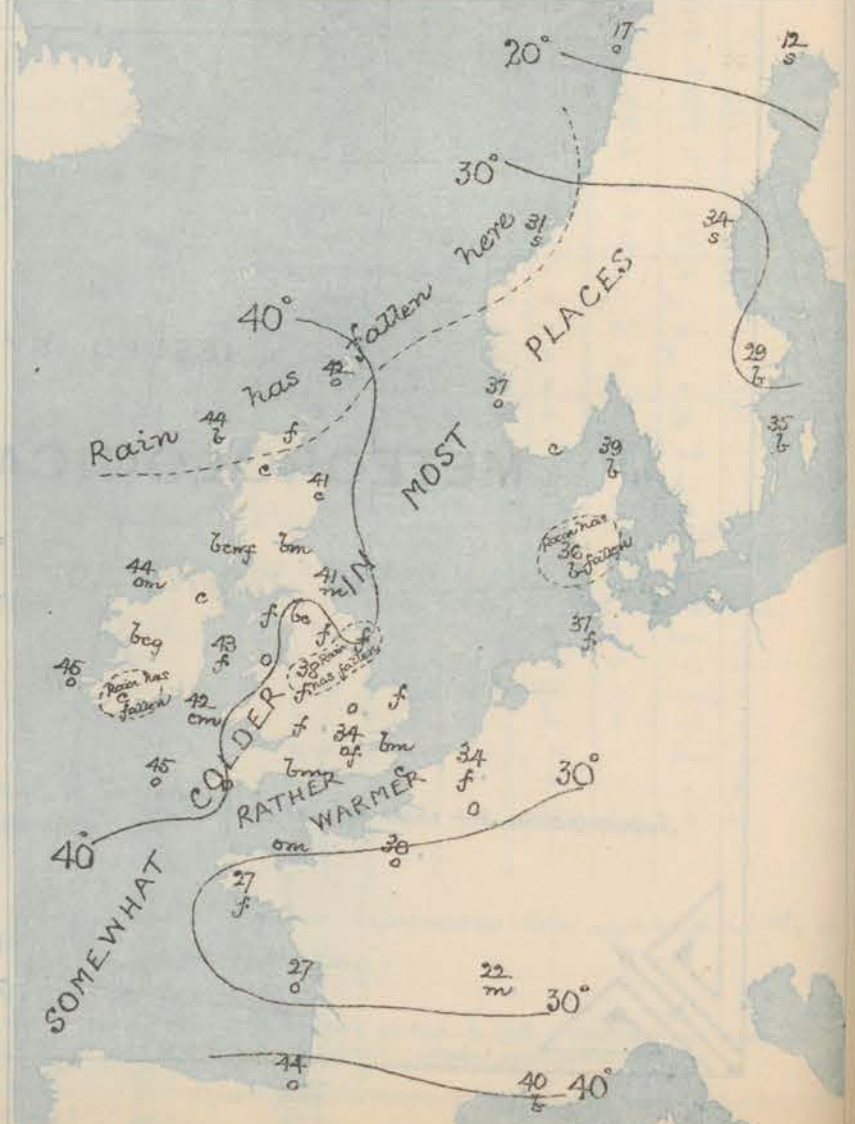
### Explanation of Map.

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 February.

Stations	Temp.	Rain-fall
	°	inch.
Sundburgh Head	38.5	2.40
Scarborough	39.4	4.31
Aberdeen	39.7	2.20
Shields	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Thurst Castle	41.8	?
Dover	41.0	1.75
LONDON	41.2	1.58
Farmouth	39.5	2.05

\* 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 6<sup>TH</sup> FEB<sup>R</sup> 1882 at 8 a.m.

In the course of the past twenty-four hours the barometer has risen in all parts of our Islands, and the change having been rather greater in the N. than elsewhere the anticyclone now covers the entire Kingdom and readings are exceedingly uniform. To the East of the North Sea the changes have been of a more extensive nature, a somewhat deep depression having travelled across the N. of Norway to the Gulf of Bothnia, where strong winds and snow are now prevailing. Over the <sup>United</sup> Kingdom the winds are very light; at the more N. stations they are generally from the W<sup>W</sup>, but in the S. they are E<sup>E</sup>, while in the intermediate districts calms or variable airs are reported. A good deal of fog prevails over the inland parts of England, but in the N. and extreme S. the weather is fair on the whole. Rain fell at Valencia and in the N. of Scotland yesterday. Temperature has risen a little over the South of England, but fallen slightly in most other districts; readings now range from 45° at Valencia and Bally to 30° at Oxford. In the SE. of England yesterday the thermometer did not reach 40°, but at Aberdeen it rose to 50° and at Parsonstown and Rock Point to 51°.

The sea is smooth

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

7<sup>TH</sup> FEBRUARY

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

## DISTRICTS

## FORECASTS

1	SCOTLAND NORTH	Light airs from between W. and NW.; cloudy, some mist.
1	SCOTLAND EAST	— D° — D° — D° —
2	ENGLAND N.E.	— D° — D° — D° —
3	ENGLAND EAST	W <sup>W</sup> airs or calms; cloudy, foggy.
4	MIDLAND COUNTIES	— D° — D° — D° —
5	ENGLAND SOUTH	Calms inland with fog, E <sup>E</sup> airs on coast, with fine but hazy weather.

## DISTRICTS

## FORECASTS

6	SCOTLAND WEST	Calms or variable airs; foggy weather.
7	ENGLAND N.W.	Variable airs; cloudy, foggy.
8	ENGLAND S.W.	Light E <sup>E</sup> winds; cloudy, dry.
9	IRELAND NORTH	Variable airs; dull but fair.
10	IRELAND SOUTH	Same as No 8.
WARNINGS		NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

6<sup>th</sup> FEB

1882

† YESTERDAY EVENING.							8 A.M. TO DAY.								PAST 24 HOURS.			
STATIONS.	Barometer at 35° 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 35° 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	29.78	21	SW	2	c	29.69	-11	12	?	-11	NNE	6	c	*	23	9	-	
Hernösand	30.11	31	SW	2	c	29.84	-58	34	20	+1	WSW	6	c	*	39	30	-	
Stockholm	30.30	22	SW	2	c	29.94	-22	29	27	-3	WSW	2	c	*	39	27	-	
Wisby	30.25	31	SW	8	c	30.07	-04	35	34	-2	WSW	4	c	*	41	28	-	
Bodo	29.70	26	?	5	s	29.73	-30	17	?	-7	WNW	6	o	3	27	16	-	
Christiansund	30.13	36	SW	8	bc	30.07	-10	31	30	-4	WNW	8	c	6	39	16	0.28	
†Skudesnaes	30.30	36	Z	0	bc	30.27	-01	37	36	0	NW	2	o	3	41	36	-	
Oxö (Ålansund)	30.29	37	NNE	2	c	30.19	-03	36	35	-4	WSW	4	c	2	41	32	-	
Skagen (The Skaw)	30.27	40	Z	0	o	30.17	-04	39	37	-1	W	5	c	4	?	31	-	
Fanö	30.34	38	W	2	f	30.35	+02	36	36	-1	WNW	1	c	*	39	36	0.04	
Cuxhaven	30.32	?	SW	1	c	30.30	00	37	37	+3	WNW	1	f	*	37	30	-	
†Sumburgh Head	30.25	40	NE	1	o	30.36	+05	42	40	+3	NW	1	o	3	43	36	0.10	
†Stornoway	30.30	47	S	4	c	30.41	+16	44	44	0	SSW	0	c	3	49	42	0.13	
Wick	30.29	42	NN	2	bc	30.41	+11	44	43	+1	NW	1	f	2	46	40	0.03	
Nairn	30.32	46	WSW	1	c	30.42	+11	44	42	+3	WSW	1	c	1	48	42	-	
†Aberdeen	30.34	43	Z	0	c	30.44	+10	41	39	-3	WSW	1	c	0	50	35	-	
Leith	30.38	44	W	1	bc	30.46	+09	40	39	-3	W	1	bc	*	49	38	-	
†Shields	30.41	47	W	1	o	30.48	+09	41	40	-1	W	1	m	2	48	40	-	
Spurn Head	30.40	41	Z	0	m	30.47	+05	40	40	+1	NNW	1	f	1	40	38	0.01	
York	30.41	43	SSW	1	o	30.48	+06	38	38	+4	Z	0	c	*	47	34	-	
Nottingham	30.46	42	Z	0	o	30.54	+07	38	37	+7	Z	0	f	*	46	31	0.01	
†Ardrossan	30.40	45	Z	0	fob	30.47	+11	42	42	-1	Z	0	bc	0	45	40	-	
†Mullaghmore	30.38	47	SSW	1	o	30.45	+11	44	43	-3	NE	1	ow	2	50	42	-	
Donaghadee	30.43	44	SW	2	o	30.49	+11	42	42	-1	NE	1	c	0	47	40	-	
Parsonstown	30.44	44	SSW	1	c	30.49	+08	40	39	-3	Z	0	bc	*	51	39	-	
Barrow-in-Furness	30.43	42	NNE	2	o	30.46	+05	41	41	-1	NE	2	f	2	44	40	-	
†Holyhead	30.43	45	Z	0	m	30.48	+06	43	43	-2	WSW	1	f	0	47	41	-	
Liverpool (Bidsley)	30.45	44	SSW	1	o	30.49	+05	42	40	+1	S	1	o	1	45	41	-	
†Valencia	30.39	48	SE	3	c	30.44	+07	45	42	-3	E	2	o	2	50	40	-	
Roche's Point	30.40	48	SSW	3	c	30.44	+07	42	40	-4	E	3	c	4	51	40	0.20	
Pembroke	30.44	46	WSW	1	c	30.46	+02	42	42	-2	NNE	1	cm	0	48	42	-	
†Scilly	30.41	46	NE	2	c	30.41	-01	45	43	0	ESE	2	o	4	49	43	-	
Prawle Point	30.43	41	NE	2	bc	30.45	00	41	40	+5	NNE	4	o	3	46	35	-	
Hurst Castle	30.44	39	SSE	1	o	30.51	+05	38	37	+3	ESE	2	bc	2	42	35	-	
†Dover	30.44	38	NE	2	om	30.48	+02	37	35	+3	N	3	bc	1	39	33	-	
†London	30.48	36	Z	0	og	30.50	+02	34	34	+2	Z	0	of	*	38	32	-	
Oxford	30.48	39	Z	0	fo	30.52	+07	30	30	-5	Z	0	f	*	43	29	-	
Cambridge	30.49	38	SW	1	bc	30.50	+06	32	32	-2	SW	1	o	*	39	29	-	
†Yarmouth	30.42	38	Z	0	bc	30.48	+05	37	36	+2	W	1	f	2	39	34	-	
†The Helder	30.42	40	WSW	1	o	30.45	+05	40	40	+1	W	1	f	1	43	39	-	
Cape Gris Nez	30.45	35	EHE	1	m	30.46	-01	37	35	+11	NNE	1	c	0	37	25	-	
†Jersey	30.44	32	EHE	2	o	30.47	+04	32	30	-6	E	3	om	3	39	30	-	
Brest	30.36	39	E	3	o	30.41	+01	?	31	?	SE	?	?	4	46	30	-	
Lorient	30.28	31	E	4	m	30.35	+03	27	25	-5	ESE	4	f	3	34	25	-	
†Rochefort	30.30	37	EHE	4	bc	30.36	+03	27	27	-2	EHE	7	o	2	45	23	-	
Biarritz	30.28	53	W	3	c	30.22	+03	44	41	-2	E	3	o	3	37	?	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.48	+02	34	34	+5	E	1	f	*	36	?	-	
Charleville	30.41	29	NE	4	o	30.43	+02	34	30	+6	NE	1	o	*	?	18	-	
Paris	30.42	29	NE	3	o	30.49	+04	30	29	+2	EHE	3	o	*	*	*	-	
Lyons	30.42	25	N	1	m	30.44	+01	22	22	-2	NNE	1	m	*	28	21	-	
Toulon	30.27	46	W	4	bc	30.27	-05	40	36	-5	E	3	bc	2	?	39	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.16	40	S	1	om	29.21	+06	38	38	0	S	1	bc	*	40	36	-	

## HIGH LEVEL STATION.

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

Hawes Junction	29.46	40	S	1	om	29.21	+06	38	38	0	S	1	bc	40	36	-
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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						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

FOR

TUESDAY 7<sup>th</sup> FEBRUARY

1882

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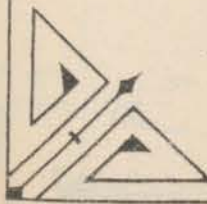
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ROBERT H. SCOTT

(SECRETARY.)





*Fred. Dangerfield, Lith. 22, Bedford St. Covent Garden.*



for 8 a.m. on TUESDAY 7<sup>TH</sup> FEBRUARY

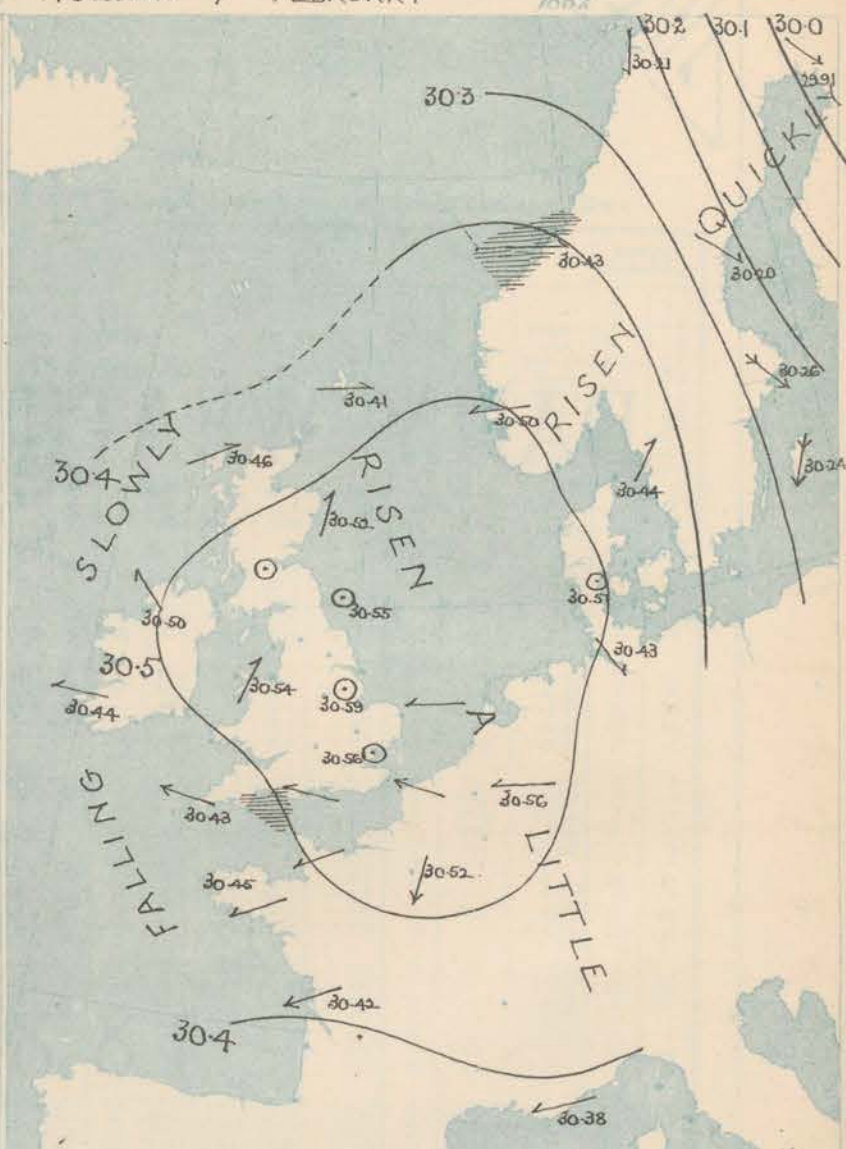
*Explanation of Map*

Wind arrows show the prevalent winds.  
They fly with the wind, and their  
barbs and feathers refer to force, thus:  
→ forces above 10; → forces 8 to 10  
→ forces 6 to 7; → forces 1 to 4,  
☐ dead calm.

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

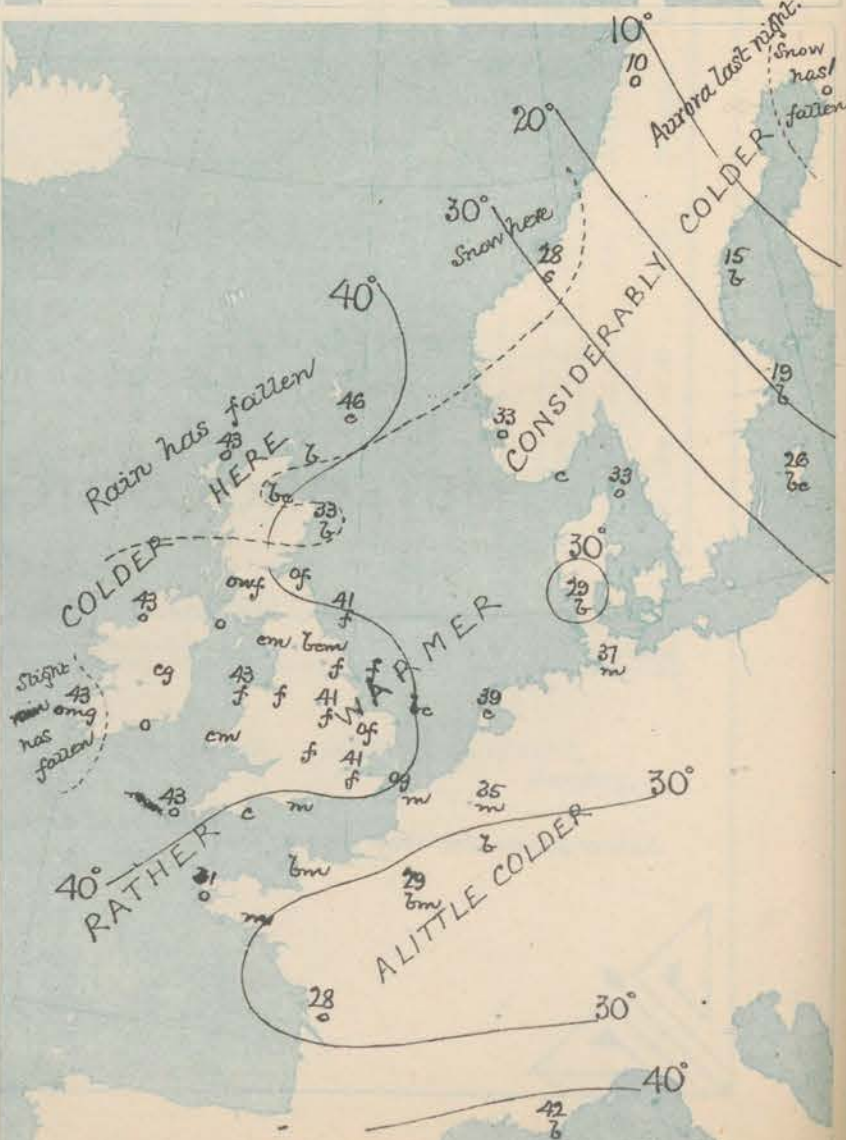
for the month of February

\* 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.

*Temperature.* Lutherns are drawn for each 10°. Changes in temperature and 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.





# REMARKS

for Tuesday. 7<sup>TH</sup> FEBRUARY 1882 at 8 a.m.

There has again been comparatively little change. The barometer is falling slightly in the north of Scotland, on our south west coasts and in the west of France but elsewhere the mercury is rising somewhat. A large area of high and uniform pressure lies over England, Scotland and the North Sea, so that while variable airs and calms prevail in the east, E<sup>ly</sup> winds are reported over France and the Channel, SE<sup>ly</sup> winds in Ireland and W<sup>ly</sup> winds in the north of Scotland and over Scandinavia. The weather is fine in the north east of France and north east of Scotland but is cloudy or dull elsewhere, with much fog and mist over England and snow at Christiansund. Slight rain has fallen in north Scotland. Temperature has risen in the south, fallen in Scotland and at the French stations, and readings range from 46° at Roche's Point to 33° at Aberdeen and 29° in Paris. The sea is rather rough at the entrance to the Channel, smooth elsewhere.

MAP SHOWING DISTRICTS.



# FORECASTS

for the 24 hours ending at Noon  
on the

8<sup>TH</sup> FEBRUARY

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Moderate W <sup>ly</sup> and S.W <sup>ly</sup> breezes; cloudy, some slight rain.	6 SCOTLAND WEST	Light variable breezes; cloudy, foggy.
2 SCOTLAND EAST	Light variable breezes; fair, some fog.	7 ENGLAND N.W.	D°-----D°-----D°
3 ENGLAND N.E.	D°-----D°-----D°	8 ENGLAND S.W.	Fresh Easterly to south easterly winds; cloudy, dull, misty.
4 ENGLAND EAST	Light variable or easterly breezes; cloudy, dull, fog	9 IRELAND NORTH	South easterly winds, moderate and fresh; dull, cloudy, slight fog.
5 MIDLAND COUNTIES	D°-----D°-----D°	10 IRELAND SOUTH	D°-----D°-----D°
6 ENGLAND SOUTH	Calms inland, with dense fog in places, easterly winds and cloudy weather on coast.		None Issued.

WARNINGS



# METEOROLOGICAL OBSERVATIONS FOR 7<sup>TH</sup> FEB<sup>R</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).	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).	Force. (0 to 12).			Max.	Min.	
Haparanda	29.80	3	NN	6	b		29.91	+ .22	1	0	- .11	NN	6	0	*		14	?	0.24
Hernösand	30.10	17	NNH	6	b		30.20	+ .66	15	13	- .19	NNH	2	0	*		34	?	-
Stockholm	30.28	23	N	9	b		30.26	+ .32	19	16	- .10	NN	8	0	*		36	13	-
Wisby	29.69	32	NNE	8	b		30.24	+ .17	26	22	- .10	NNE	8	0	*		39	?	-
Bodö	30.10	11	NN	8	0		30.21	+ .58	10	10	- .07	N	4	0	*		17	9	-
Christiansund	30.47	27	NW	5	s		30.43	+ .36	28	27	- .03	W	4	0	*		14	14	0.12
†Skudesnaes	30.48	32	NNE	2	bc		30.50	+ .23	33	30	- .04	E	1	0	3		41	32	-
Oxö (Xiansund)	30.37	38	NH	4	b		30.43	+ .24	31	29	- .05	NNH	1	0	1		?	30	-
Skagen (The Skaw)	30.36	37	NE	4	b		30.44	+ .27	33	29	- .06	SW	3	0	2		43	28	-
Fanö	30.49	35	NW	2	b		30.51	+ .16	29	29	- .07	Z	0	0	*		39	28	-
Cuxhaven	30.36	?	NNW	2	c		30.43	+ .13	37	37	0	NNH	3	m	*		39	30	-
†Sumburgh Head	30.50	39	E	3	0		30.41	+ .05	46	45	+ .04	W	4	c	3		46	37	0.02
†Stornoway	30.48	46	SSW	3	0		30.46	+ .05	48	42	- .01	WSW	2	0	2		48	40	0.01
Wick	30.50	44	Z	0	0		30.45	+ .04	35	35	- .09	NN	1	0	2		45	35	0.05
Nairn	30.51	45	WSW	1	bc		30.49	+ .07	40	38	- .04	Z	0	0	1		48	36	-
†Aberdeen	30.52	44	Z	0	+		30.52	+ .08	33	32	- .08	SW	1	0	0		50	32	0.01
Leith	30.50	45	W	1	bc		30.53	+ .07	38	38	- .02	W	1	0	*		41	31	-
†Shields	30.53	45	Z	0	m		30.55	+ .07	41	40	0	Z	0	0	2		47	38	-
Spurn Head	30.54	42	W	1	0		30.57	+ .10	40	40	0	SE	2	0	1		45	39	-
York	30.54	41	W	1	0		30.58	+ .10	39	39	+ .01	Z	0	0	*		44	37	-
Nottingham	30.57	44	Z	0	f		30.59	+ .05	41	41	+ .03	Z	0	0	*		46	36	-
†Ardrossan	30.52	43	Z	0	c		30.53	+ .05	41	40	- .01	Z	0	0	0		45	39	-
†Mullaghmore	30.49	45	NE	1	0		30.50	+ .05	43	39	- .01	SE	3	0	2		47	42	-
Donaghadee	30.54	45	WSW	1	0		30.54	+ .05	44	40	+ .02	SE	1	0	0		47	40	-
Parsonstown	30.52	45	Z	0	bc		30.52	+ .03	40	37	0	Z	0	0	*		48	39	-
Barrow-in-Furness	30.52	41	N	2	f		30.54	+ .08	41	40	0	NE	2	cm	2		47	39	-
†Holyhead	30.54	45	Z	0	m		30.54	+ .06	43	42	0	SW	1	0	0		48	41	-
Liverpool (Bidston)	30.54	43	SSE	1	0		30.56	+ .07	40	40	- .02	SE	2	0	1		45	40	-
†Valencia	30.46	46	SE	2	0		30.44	00	43	40	- .02	E	1	0	2		51	41	0.01
Roche's Point	30.47	43	ENE	4	?		30.44	00	46	42	+ .04	SSE	5	0	4		49	40	-
Pembroke	30.50	43	ESE	2	c		30.50	+ .04	43	42	+ .01	ESE	3	cm	1		47	40	-
†Scilly	30.44	43	E	6	0		30.43	+ .02	43	40	- .02	ESE	5	0	4		45	39	-
Prawle Point	30.50	41	E	5	bc		30.49	+ .04	39	38	- .02	ESE	5	c	5		43	37	-
Hurst Castle	30.53	40	ENE	1	m		30.53	+ .02	39	39	+ .01	ESE	2	m	2		45	34	-
†Dover	30.51	42	NNE	3	bc		30.55	+ .07	42	40	+ .05	E	3	0	1		43	36	-
†London	30.53	42	SE	1	ogf		30.56	+ .06	41	41	+ .07	Z	0	0	*		44	34	-
Oxford	30.56	39	Z	0	f		30.56	+ .04	37	37	+ .07	Z	0	0	*		40	30	-
Cambridge	30.54	39	Z	0	0		30.57	+ .07	36	36	+ .04	Z	0	0	*		40	31	-
†Yarmouth	30.52	40	NE	1	f		30.57	+ .09	40	39	+ .03	E	1	0	2		43	35	-
The Helder	30.55	39	NNH	1	f		30.58	+ .13	39	38	- .01	ENE	1	0	1		43	37	-
Cape Gris Nez	30.53	38	Z	0	m		30.54	+ .08	36	36	- .01	ESE	5	m	2		45	36	-
†Jersey	30.51	35	E	3	cm		30.51	+ .04	34	32	+ .02	ENE	2	bm	2		38	30	-
Brest	30.46	33	SSE	3	m		30.45	+ .04	31	31	?	SE	3	0	2		39	28	-
Lorient	30.41	28	E	3	m		30.40	+ .05	30	30	+ .03	ENE	4	m	2		32	25	-
†Roche fort	30.43	32	ENE	5	m		30.42	+ .06	28	28	+ .01	ENE	5	0	2		30	21	-
†Biarritz	30.34	48	NE	1	b		30.37	+ .05	45	40	+ .01	SE	3	0	2		34	37	-
Corunna	*	*	*	*	*		*	*	*	*	*	*	*	*	*		*	*	*
Brussels	*	*	*	*	*		30.56	+ .08	35	35	+ .01	E	3	m	*		41	33	-
Charleville	30.49	31	SE	1	b		30.50	+ .07	29	27	- .05	ENE	1	0	*		41	26	-
Paris	30.48	35	NNE	1	0		30.52	+ .03	29	29	- .01	NE	5	bm	*		*	*	-
Lyons	30.49	28	N	1	m		30.50		22	21		NNH	1	m	*		26	20	-
Toulon	30.29	46	SE	1	b		30.38	+ .11	42	40	+ .02	ENE	3	0	2		52	40	-

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

Hawes Junction	29.27	40	S	1	c		29.28	+ .07	37	37	- .01	S	1	0	1	bc	45	36	-
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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	40	36	NNH	6	c	3	Valencia ...	30.46	49	44	ESE	3	c	4
Sumburgh Head	30.45	41	38	ENE	3	c	3	Scilly ...	30.43	44	42	ESE	6	o	4
Stornoway ...	30.46	48	47	SSW	3	c	3	Dover ..	30.49	42	40	N	3	cm	1
Aberdeen ...	30.48	48	46	WSW	1	c	0	London ...	30.51	44	41	Z	0	f	*
Shields ...	30.51	47	44	W	2	m	2	Yarmouth ...	30.50	43	42	N	1	m	2
Ardrossan ...	30.54	48	44	Z.	0	c	3	Jersey ...	30.49	35	33	E	3	o	3
Mullaghmore ...	30.48	46	44	E	3	c	0	Roche fort ...	30.38	35	32	E	5	bc	2
Holyhead ..	30.51	47	45	SE	1	c	0								

The barometer is still rising slowly in all places. The wind has increased to a strong breeze at Scilly and the fog continues 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. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

† Received too late for insertion in Charts.





# DAILY WEATHER REPORT

F O R

WEDNESDAY 8<sup>TH</sup> FEBRUARY

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

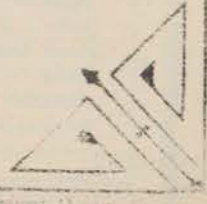
S. W.

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ROBERT H. SCOTT

(SECRETARY.)



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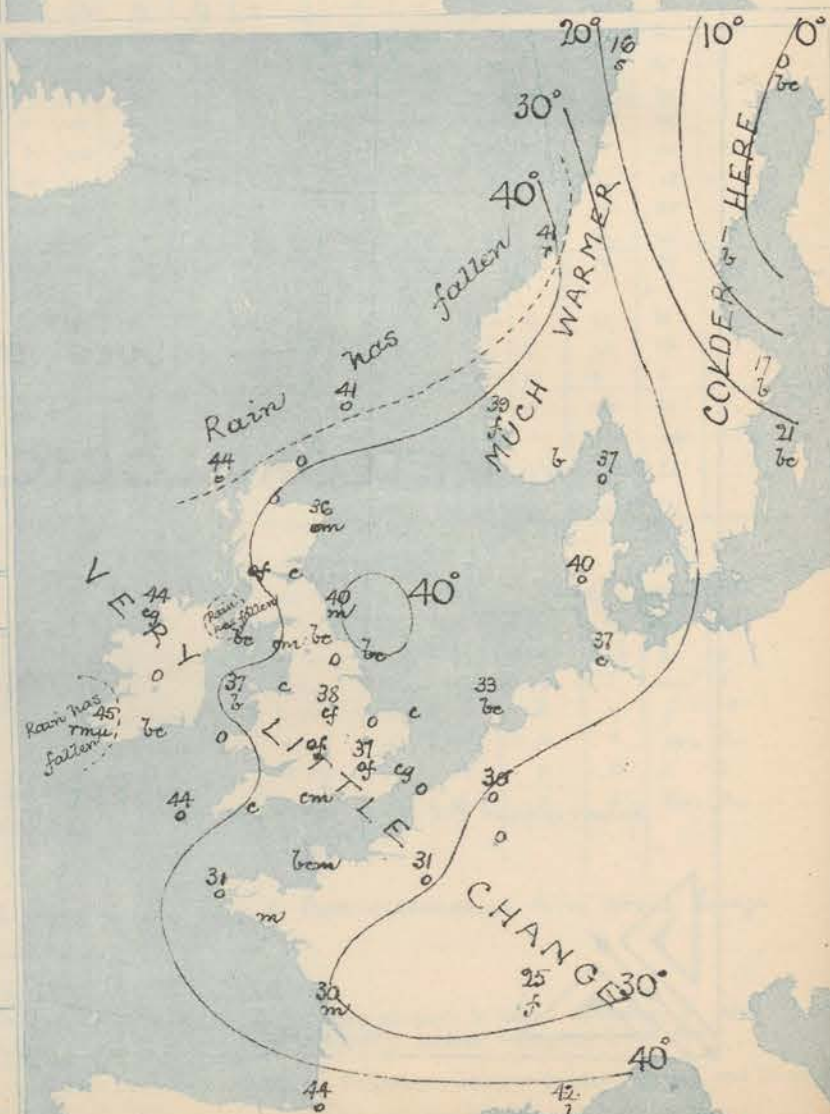
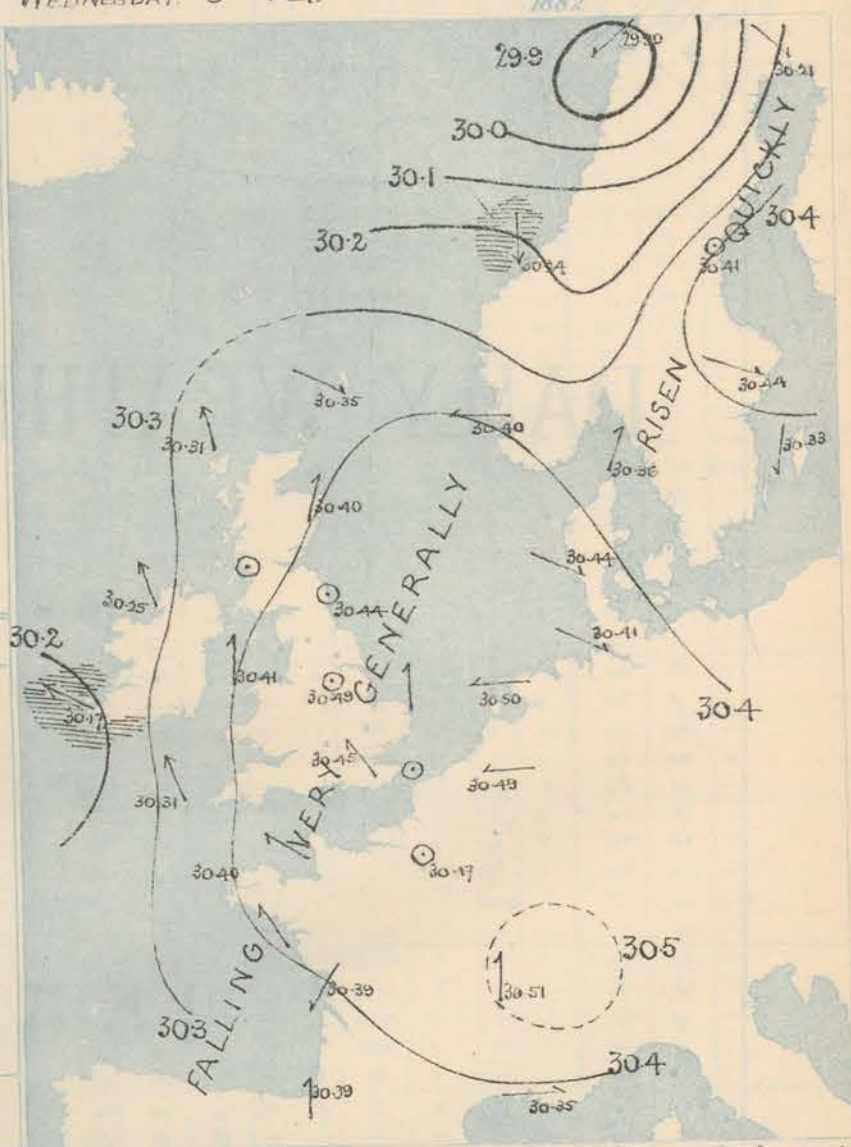
for 8 a.m. on WEDNESDAY, 8<sup>TH</sup> FEB<sup>Y</sup>

## 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.

for the month of February

\* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1865 to 1876.





# REMARKS

for WEDNESDAY 8<sup>th</sup> FEB. 1882 at 8 a.m.

There are now some signs of change of weather. The decrease of pressure which has taken place over the whole of Western Europe has been greater in the west of Ireland than in other parts of these Islands and their neighbourhood, while the wind, which has become SE<sup>ly</sup> all over our more western coast, has increased to a strong breeze at Valencia and Bloche's Point. At the same time rain has commenced in south Ireland, and these changes apparently point to the advance of a depression from the Atlantic. In other parts of Great Britain and over France the decrease has been slight. The winds remain light and variable and the weather dull, misty and foggy, while in the north of Norway a small depression has appeared occasioning rather strong winds there with rain and snow. Temperature has changed very little, and ranges from 45° at Valencia to 37° over Central England and 36° at Aberdeen.

The sea is rough off the south of Ireland and at Christiansund, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the  
9<sup>th</sup> FEBRUARY.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Southerly winds, fresh or strong; dull, mild, some rain.
2 SCOTLAND EAST	Light Southerly winds; cloudy, misty, fair.
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Variable to light Southerly breezes; dull and some fog then cloudy but fair.
5 MIDLAND COUNTIES	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	Easterly to South-easterly winds light or moderate; dull and some fog then fair.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Southerly and south-easterly light or moderate breezes; cloudy, misty, fair.
7 ENGLAND N.W.	-----D°-----D°-----D°-----
8 ENGLAND S.W.	South-easterly winds, fresh or moderate; dull, misty.
9 IRELAND NORTH	Southerly and south-easterly winds, strong and fresh; cloudy and rain extending from the west.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

8<sup>th</sup> FEB<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 ...	30.08	0	NW	4	b	30.21	+30	0	0	-1	NW	2	bc	*	3	0	-		
Hernösand ...	30.34	5	Z	0	b	30.41	+21	1	0	-14	Z	0	b	*	13	2	-		
Stockholm ...	30.35	15	N	4	b	30.44	+18	11	10	-8	NW	2	b	*	27	2	-		
Wisby ...	30.25	26	NNW	6	bc	30.33	+09	21	19	-5	NNE	4	bc	*	32	?	-		
Bodö ...	30.28	19	NW	4	0	29.90	-31	16	15	+6	ESE	4	bc	1	18	3	-		
Christiansund ...	30.26	30	ESE	3	0	30.24	+19	41	40	+13	N	6	2	5	41	11	0.35		
†Skudesnaes ...	30.41	36	E	1	f	30.40	+10	39	39	+6	E	1	f	5	?	?	-		
Oxö (Xiansund) ...	30.35	46	WSW	4	0	30.35	+08	86	35	+8	WSW	2	b	1	39	?	-		
Skagen (The Skaw) ...	30.34	38	NW	3	0	30.36	-08	37	36	+4	SSW	3	0	2	39	30	-		
Fanö ...	30.46	36	NNW	3	c	30.44	-97	40	39	+11	WNW	4	0	*	?	28	-		
Cuxhaven ...	30.49	?	NNW	2	c	30.41	-02	37	37	0	WNW	2	c	*	37	32	-		
†Sumburgh Head ...	30.38	45	W	3	c	30.35	-06	41	40	-5	WNW	1	0	2	46	40	0.02		
†Stornoway ...	30.43	45	SSW	4	0	30.31	-15	44	42	+1	SSE	5	0	4	46	38	0.03		
Wick ...	30.37	42	S	1	c	30.35	-10	41	40	+6	S	1	0	1	45	34	-		
Nairn ...	30.46	43	Z	0	0	30.36	-13	39	38	-1	WSW	7	0	1	45	38	-		
†Aberdeen ...	30.42	41	Z	0	m	30.40	-12	36	35	+3	SSW	1	om	0	43	32	-		
Leith ...	30.48	43	NW	1	0	30.40	-13	37	36	-1	NE	1	c	*	44	34	-		
†Shields ...	30.52	47	Z	0	om	30.44	-11	40	38	-1	Z	0	m	2	48	39	-		
Spurn Head ...	30.54	39	ESE	1	0	30.48	-09	40	39	0	ESE	2	bc	2	41	39	-		
York ...	30.54	42	S	1	0	30.48	-10	39	39	0	S	1	0	*	43	37	-		
Nottingham ...	30.54	40	E	1	0	30.49	-10	38	38	-3	Z	0	cf	*	45	37	-		
†Ardrossan ...	30.49	43	Z	0	f	30.39	-14	40	39	-1	NE	1	of	1	43	38	-		
†Mullaghmore ...	30.43	45	SSE	3	om	30.25	-25	44	40	+1	SE	5	om	4	46	43	-		
Donaghadee ...	30.51	42	Z	0	0	30.39	-15	42	42	-2	SSW	2	bc	0	45	37	0.05		
Parsonstown ...	30.45	43	SSE	1	0	30.29	-23	42	40	+2	SE	2	0	*	47	39	-		
Barrow-in-Furness ...	30.49	42	ESE	2	0	30.45	-09	40	39	-1	SE	3	om	2	44	39	-		
†Holyhead ...	30.49	44	SE	1	0	30.41	-13	37	36	-6	S	2	b	1	45	36	-		
Liverpool (Bidston) ...	30.52	43	SSE	1	0	30.44	-12	39	37	-1	SE	2	c	1	45	37	-		
†Valencia ...	30.37	45	ESE	4	cm	30.17	-27	45	44	+2	ESE	6	nm	6	47	40	0.04		
Roche's Point ...	30.41	42	ESE	5	0	30.26	-18	45	42	-1	SE	6	bc	5	43	41	-		
Pembroke ...	30.46	43	ESE	2	bc	30.38	-12	41	40	-2	SE	4	0	2	45	40	-		
†Scilly ...	30.40	44	ESE	3	0	30.31	-12	44	40	+1	SE	5	0	4	44	40	-		
Frawle Point ...	30.44	43	E	5	c	30.40	-09	41	40	+2	SE	4	c	4	45	38	-		
Hurst Castle ...	30.49	40	SE	3	m	30.44	-09	38	37	-1	E	3	cm	2	46	36	-		
†Dover ...	30.52	40	E	3	og	30.46	-09	38	37	-4	ESE	2	og	1	43	37	-		
†London ...	30.53	42	SE	1	0	30.45	-11	37	36	-4	SE	1	of	*	46	37	-		
Oxford ...	30.52	39	NE	1	0	30.46	-10	37	35	0	E	1	of	*	44	37	-		
Cambridge ...	30.53	42	N	1	0	30.48	-09	37	37	+1	SE	1	0	*	43	35	-		
†Yarmouth ...	30.53	41	Z	0	bc	30.48	-09	39	38	-1	S	1	c	2	42	36	-		
The Helder ...	30.54	38	W	1	f	30.50	-08	33	32	-6	E	1	bc	1	41	37	-		
Cape Gris Nez ...	30.51	37	NE	5	0	30.45	-09	34	34	-2	E	1	0	0	39	32	-		
†Jersey ...	30.47	34	SSE	1	bc	30.44	-07	34	33	0	ESE	1	bc	1	38	32	-		
Brest ...	30.45	33	SE	3	0	30.40	-05	31	31	0	E	3	0	3	37	30	-		
Lorient ...	30.38	32	ESE	3	m	30.34	-06	33	31	+3	SE	3	m	1	?	30	-		
†Rocheport ...	30.43	30	ESE	4	m	30.39	-03	30	29	+2	NE	4	m	2	36	23	-		
Biarritz ...	30.39	48	N	4	bc	30.39	+02	44	40	-1	S	3	0	2	34	37	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.49	-07	30	30	-5	E	1	0	*	37	28	-		
Charleville ...	30.45	33	SE	4	b	30.45	-05	28	26	-1	NE	1	0	*	48	26	-		
Paris ...	30.48	37	NE	3	bc	30.47	-05	31	30	+2	Z	0	0	*	*	*	-		
Lyons ...	30.49	227	N	?	?	30.51	+01	25	25	+3	S	1	f	*	31	?	-		
Toulon ...	30.39	47	SW	1	b	30.38	+03	42	39	0	W	3	b	2	50	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.25	39	S	1	c	29.16	-12	31	35	0	S	1	bc	*	43	34	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudeanaes ...	30.43	34	33	ESE	4	h	Valencia ...	30.39	45	43	ESE	4	omg	4
Sumburgh Head ...	30.40	46	45	W	4	c	Scilly ...	30.42	44	42	SW	1	0	2
Stornoway ...	30.52	45	44	SSW	4	c	Dover ...	30.52	43	41	E	3	og	1
Aberdeen ...	30.49	43	41	SW	1	0	London ...	30.56	45	43	Z	0	om	*
Shields ...	30.53	47	45	WNW	1	cm	Yarmouth ...	30.57	40	40	E	1	bc	2
Ardrossan ...	30.51	43	42	Z	0	0	Jersey ...	30.46	36	34	ESE	2	bc	3
Mullaghmore ...	30.46	46	40	SE	4	0	Rocheport ...	30.43	30	28	ENE	4	0	2
Holyhead ...	30.53	45	43	SW	1	0								

The barometer is falling a little in the W. and N. and the SE winds in Ireland are becoming rather fresher, but beyond this there is no change to record.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

FOR

THURSDAY 9<sup>TH</sup> FEBRUARY

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

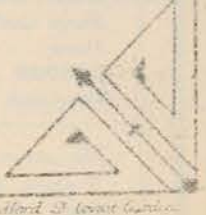
S. W.

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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.)



*Fred<sup>d</sup> Dargyfield, Lith & Colford St. (near) London.*



# WEATHER CHARTS

for 8 a.m. on Thursday 9<sup>th</sup> FEBRUARY 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.

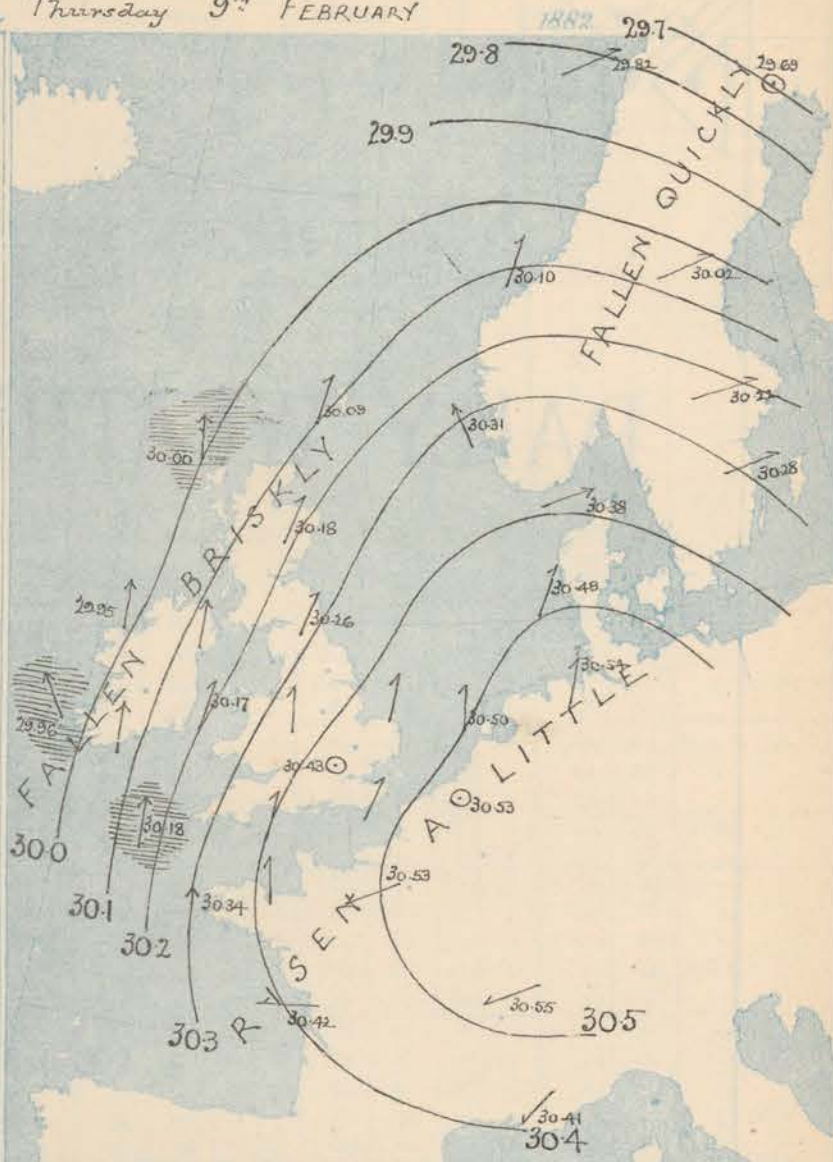
**Sea Disturbance,** where considerable, is shown by shading round the coast: thus = Rough; = High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February.

Stations	Mean Readings Inch
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greencastle	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt.	29.922
Plymouth	29.993
LONDON	29.983
Yarmouth	29.974

\* 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.

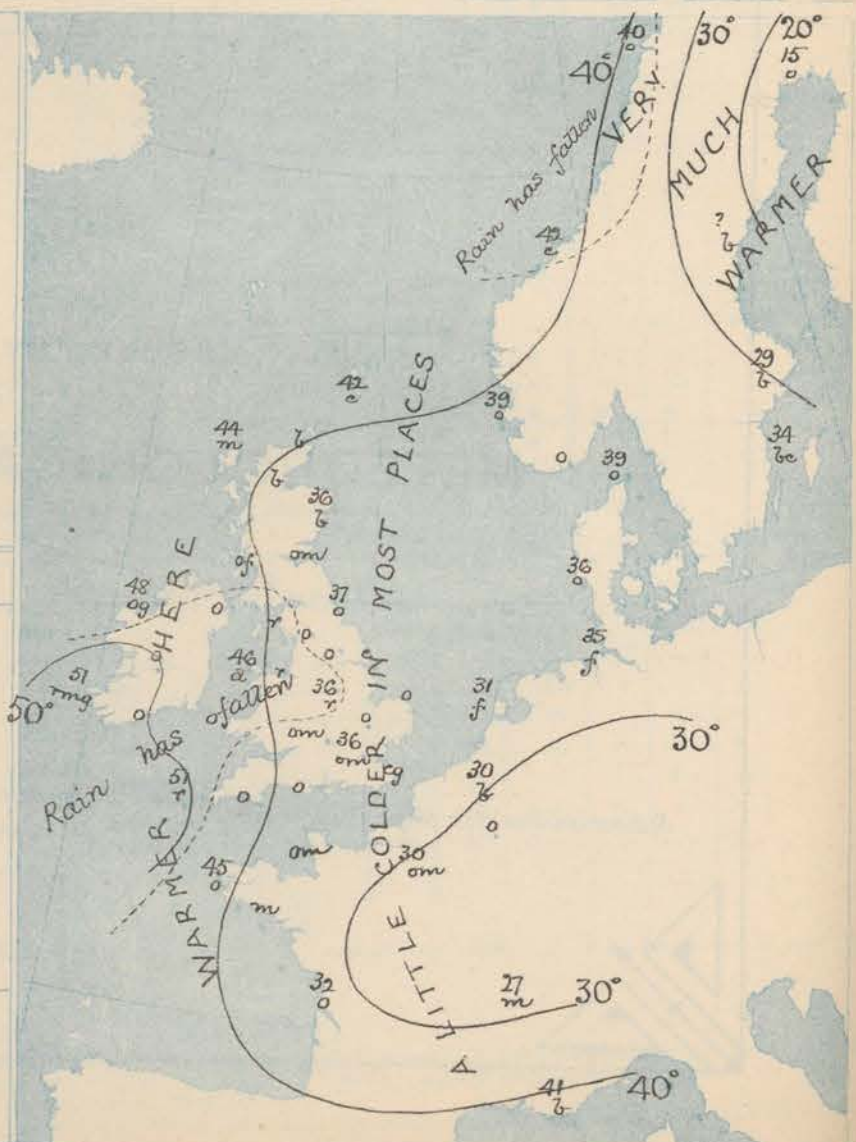
Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of February.

Stations	Temp. °	Rain-fall ins.
Seaburgh Head	38.5	2.40
Sarnoway	39.4	4.31
Aberdeen	39.1	2.20
Shields	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.88
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

\* 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

Thursday 9<sup>th</sup> FEB<sup>RY</sup>

1882. at 8 a.m.

A slight rise of the barometer is reported this morning over France and North Germany, and the anticyclone now lies over those countries, but over these Islands there has been a brisk decrease; a large area of low pressure has appeared off our western coasts, and gradients for S<sup>W</sup> breezes have been formed over us. In consequence breezes from the S<sup>W</sup> are reported this morning from nearly all our coasts, while at Valencia the wind is backing towards SE. It blows strongly in the west and north-west, but is still light or moderate in the east. The weather is cloudy or dull except in the north-east of France, and rain is falling at several western and north-western stations. At Valencia the rainfall amounts to nearly half an inch. Temperature has risen in the west and south-west, but fallen elsewhere, and readings range from 51° in the south-west to 35° in the east. Over Sweden a rapid rise has taken place. Slight frost was experienced at some north-eastern and south-eastern stations last night.

The sea is rough in the S.W. and at Stromsø, moderate to slight elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

10<sup>th</sup> FEBRUARY.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Southerly winds, strong; dull, squally, some rain.
2 SCOTLAND EAST	Southerly winds, freshening, fair then dull and rain.
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as N° 5
5 MIDLAND COUNTIES	Same as N° 5
6 ENGLAND SOUTH	Southerly and south-easterly winds moderate but freshening; cloudy and dull, then milder and some rain.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Southerly winds, freshening; dull, some rain.
7 ENGLAND NW	-----D°-----D°-----D°-----
8 ENGLAND SW	Southerly winds, strong to a gale; dull, some rain.
9 IRELAND NORTH	South-easterly to south-westerly winds, strong to a gale; dull, squally some rain.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The south cone has been hoisted this morning in districts N°s 8 & 10.



# METEOROLOGICAL OBSERVATIONS FOR

9<sup>th</sup> FEB<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	29.93	12	W	2	0	29.69	-0.52	15	14	+ 15	20	0	0	*	?	0	-		
Hernösand	30.15	20	Z	0	0	30.02	-0.39	?	?	?	WSW	4	6	*	?	-4	-		
Stockholm	30.33	21	W	2	0	30.22	-0.22	29	27	+ 18	W	2	6	*	?	10	-		
Wisby	30.39	27	WNW	4	0	30.22	-0.05	34	32	+ 13	W	2	6	*	?	21	-		
Bodö	29.86	39	SW	6	0	29.82	-0.08	40	39	+ 24	WSW	4	3	3	?	16	0.43		
Christiansund	30.23	41	WSW	4	0	30.10	-0.14	42	37	+ 1	SW	3	0	4	43	32	0.04		
†Skudesnaes	30.37	40	SE	2	0	30.31	-0.09	39	37	0	SSE	5	0	4	41	39	-		
Oxö (Christiansund)	30.36	38	WSW	4	0	30.36	+0.01	37	36	+ 1	WSW	4	0	1	43	36	-		
Skagen (The Skaw)	30.39	34	SW	3	f	30.38	+0.02	39	37	+ 2	WSW	5	0	4	39	32	-		
Fanö	30.49	39	W	1	0	30.49	+0.05	36	35	- 4	SW	4	0	*	41	36	-		
Cuxhaven	30.39	?	WNW	2	f	30.54	+0.13	35	35	- 2	SSW	2	f	*	37	32	-		
†Sumburgh Head	30.23	44	SSW	3	0	30.09	-0.26	42	39	+ 1	SSW	4	0	3	46	39	-		
†Stornoway	30.13	44	S	6	0	30.00	-0.31	44	43	0	S	6	m	6	46	41	-		
Wick	30.21	44	S	3	bc	30.08	-0.27	40	37	- 1	S	2	6	2	43	29	-		
Nairn	30.23	39	E	1	0	30.10	-0.26	37	35	- 2	Z	0	6	1	45	34	-		
†Aberdeen	30.30	40	S	1	0	30.18	-0.22	36	34	0	SSW	2	6	1	46	33	-		
Leith	30.31	42	W	1	0	30.20	-0.20	38	?	+ 1	SSE	1	om	*	47	32	-		
†Shields	30.37	41	WSW	3	bc	30.26	-0.18	37	36	- 3	SW	3	0	2	43	35	-		
Spurn Head	30.34	40	SE	3	0	30.37	-0.11	35	34	- 5	S	4	0	3	43	34	-		
York	30.39	39	S	1	0	30.33	-0.15	37	36	- 2	SSE	2	0	*	44	36	-		
Nottingham	30.41	39	NNE	1	0	30.39	-0.10	36	36	- 2	S	2	?	*	44	34	0.02		
†Ardrossan	30.29	43	SSE	3	0	30.15	-0.24	41	40	+ 1	SSE	2	of	2	44	39	-		
†Mullaghmore	30.10	44	SSE	5	0	29.95	-0.30	48	47	+ 4	S	5	og	4	48	43	-		
Donaghadee	30.27	42	SSW	5	0	30.12	-0.27	44	44	+ 2	S	6	0	4	45	41	0.01		
Parsonstown	30.14	42	SSE	3	0	30.03	-0.26	50	49	+ 8	SSE	1	0	*	50	40	0.01		
Barrow-in-Furness	30.32	40	ESE	4	0	30.24	-0.21	37	36	- 3	ESE	3	0	3	45	36	0.10		
†Holyhead	30.30	43	S	3	0	30.17	-0.24	46	45	+ 9	SSW	4	0	3	47	37	0.10		
Liverpool (Bidston)	30.34	39	SE	2	bc	30.24	-0.20	37	37	- 2	SE	4	0	3	44	36	0.17		
†Valencia	30.00	50	SE	5	?	29.96	-0.21	51	51	+ 6	SE	6	mg	6	52	44	0.42		
Roche's Point	30.03	45	S	8	?	30.07	-0.19	50	49	+ 5	S	5	0	5	50	44	0.26		
Pembroke	30.27	43	SSE	3	0	30.19	-0.19	48	48	+ 7	S	3	0	3	48	40	0.35		
†Scilly	30.21	45	SE	7	?	30.18	-0.13	51	51	+ 7	S	6	0	6	51	42	0.29		
Prawle Point	30.37	37	SE	4	0	30.34	-0.06	45	44	+ 4	SSE	5	0	3	45	35	-		
Hurst Castle	30.40	38	S	2	0	30.42	-0.02	37	36	- 1	SSW	4	0	2	42	36	-		
†Dover	30.45	38	SE	3	0	30.47	+0.01	36	35	- 2	SW	3	0	2	40	34	-		
†London	30.43	40	ESE	1	0	30.43	-0.02	36	35	- 1	ESE	1	0	*	42	33	-		
Oxford	30.41	39	ESE	1	0	30.40	-0.06	36	34	- 1	SE	2	0	*	41	36	-		
Cambridge	30.42	38	SE	1	0	30.43	-0.05	35	34	- 2	S	1	0	*	41	30	-		
†Yarmouth	30.44	38	WSW	1	bc	30.45	-0.03	35	34	- 4	SSW	2	0	2	40	33	-		
The Helder	30.49	30	SE	1	0	30.50	-0.00	31	30	- 2	S	1	f	1	36	27	-		
Cape Gris Nez																			
†Jersey	30.42	34	SSE	2	0	30.46	+0.02	36	35	+ 2	S	2	0	3	36	32	-		
Brest	30.34	43	SSE	5	0	30.34	-0.06	45	43	+ 14	SSE	5	0	4	45	?	-		
Lorient	30.33	37	SSE	3	m	30.34	0.00	37	35	+ 4	ESE	4	m	2	37	30	-		
†Rochefort	30.39	33	WNW	3	m	30.42	+0.03	32	30	+ 2	E	1	0	2	36	27	-		
Biarritz																			
Corunna	*	*	*	*	*			*						*	*	*			
Brussels	*	*	*	*	*	30.53	+0.04	30	29	0	SE	1	0	*	33	30	*		
Charleville						30.49	+0.04	22	20	- 6	EHE	1	0	*	36	21	-		
Paris	30.47	31	NE	1	0	30.53	+0.06	30	29	- 1	EHE	3	0	*	*	*	-		
Lyon	30.48	30	NE	1	f	30.55	+0.04	27	26	+ 2	EHE	1	m	*	30	?	-		
Toulon	30.31	46	Z	0	0	30.41	+0.06	41	37	- 1	EHE	1	0	2	50	41	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.08	35	S	1	bc	28.99	-0.17	34	33	- 3	E	2	0	*	40	32	-		

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

Hawes Junction	29.08	35	S	1	bc	28.99	-17	34	33	-3	E	2	0	40	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 ...	30.39	40	40	E	4	f	3	Valencia ...	30.05	47	47	ESE	7	mg	6
Sumburgh Head	30.28	45	43	SW	3	c	3	Scilly ...	30.26	44	43	SE	6	0	4
Stornoway ...	30.19	45	42	S	6	0	5	Dover ..	30.44	39	37	ESE	3	cm	1
Aberdeen ...	30.34	44	42	S	3	bc	1	London ...	30.43	42	39	SE	1	om	*
Shields ...	30.38	42	41	WSW	1	m	2	Yarmouth ...	30.44	40	39	SSW	1	bc	2
Ardrossan ...	30.31	44	42	S	3	0	2	Jersey ...	30.43	32	31	S	2	0	2
Mullaghmore ...	30.16	44	41	SE	6	cm	5	Rochefort ...	30.39	34	32	NE	4	m	2
Holyhead ...	30.55	45	40	S	4	0	3								

The barometer continues to fall everywhere - rather briskly at Valencia - and the wind in the SW is inclined to back and to increase in force. The weather is dull except at Aberdeen and Yarmouth and rain is falling 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.  
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# DAILY WEATHER REPORT

F O R

FRIDAY 10<sup>TH</sup> FEBRUARY.

1882

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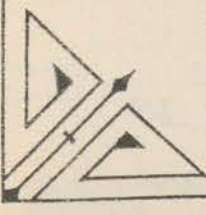
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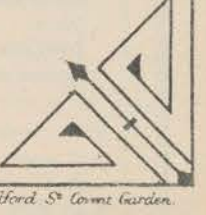
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ROBERT H. SCOTT

(SECRETARY.)



*Fredk. Dangerfield, Lith. 22, Belford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on Friday. 10<sup>th</sup> FEBRUARY 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.

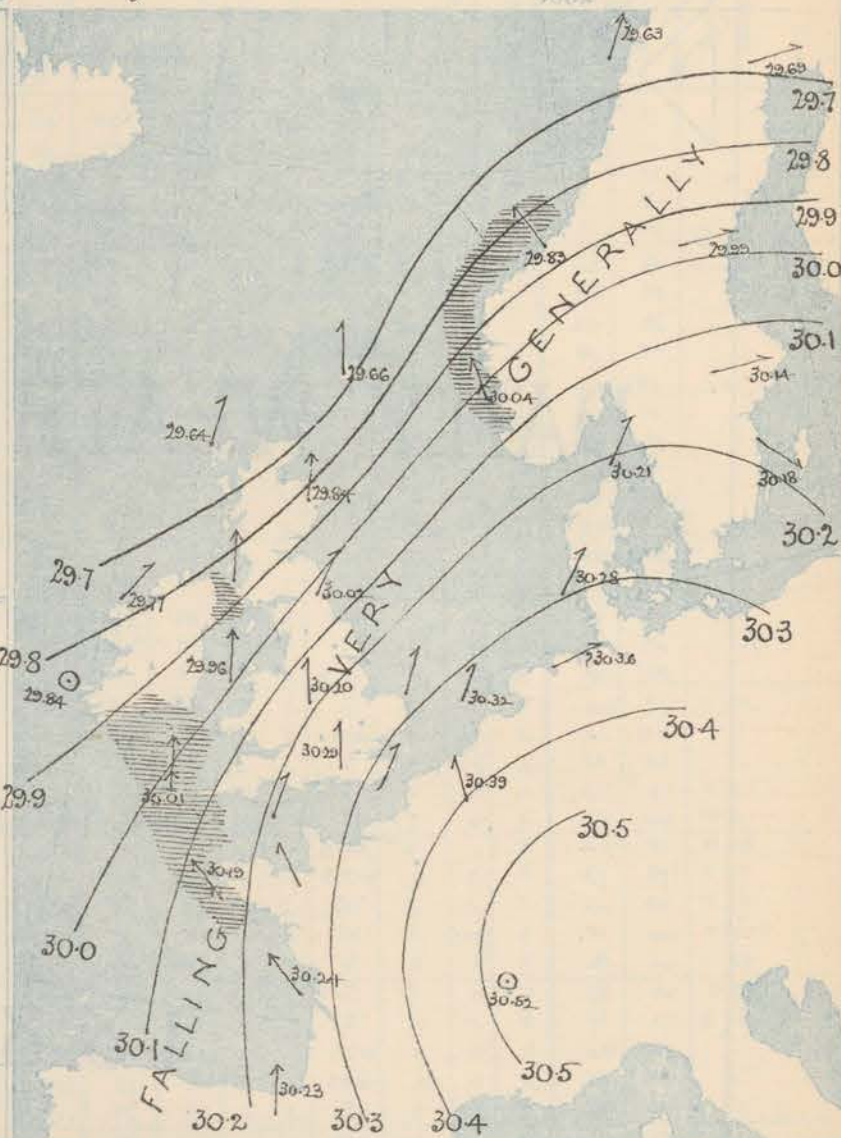
Wind Arrows show the prevalent winds.  
They fly with the wind, and their barbs and feathers refer to force, thus:  
→ forces above 10; → forces 8 to 10;  
→ forces 5 to 7; → forces 1 to 4;  
○ - dead calm.

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

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

Stations.	Mean Readings Ins.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greencastle	29.847
Holyhead	29.888
Valencia	29.903
Roche's Pt.	29.922
Plymouth	29.995
LONDON	29.983
Yarmouth	29.974

\* 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.

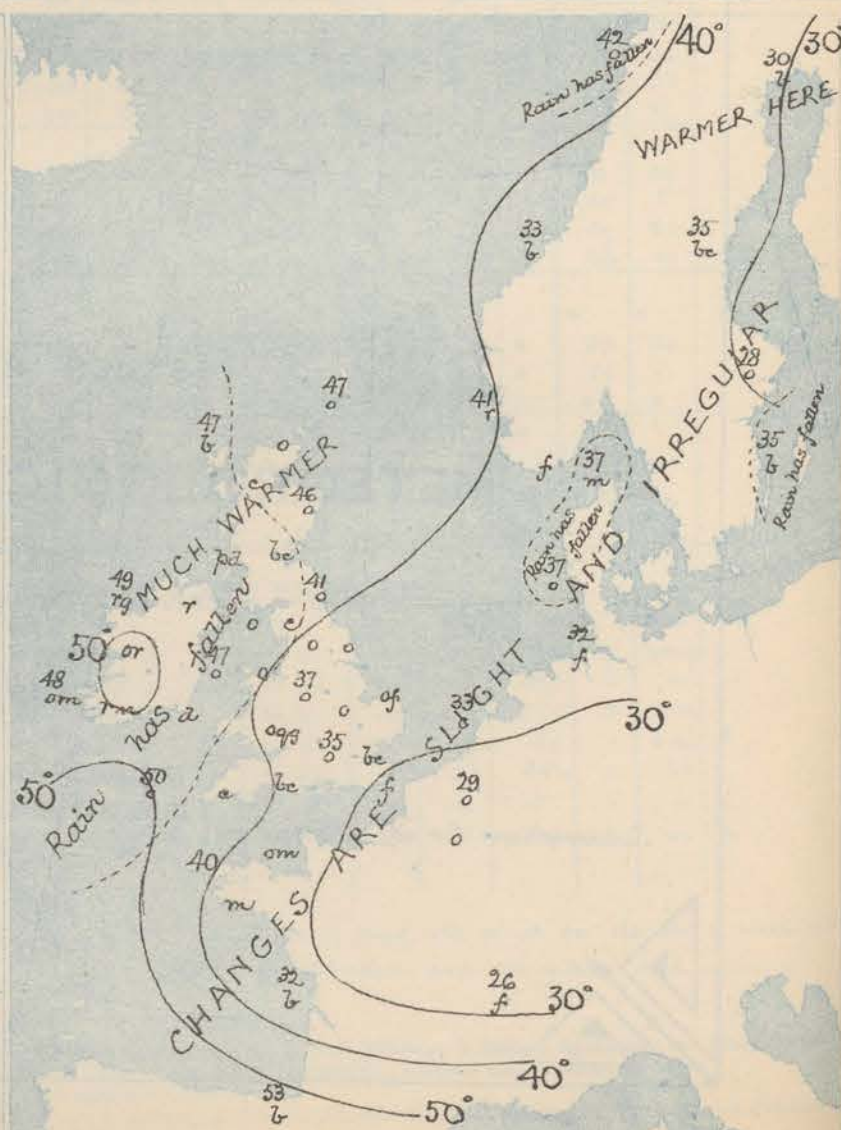
### Explanation of Map.

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 February

Stations	Temp	Rain-fall
Sandburgh Head	38.5	2.40
Sornoway	39.4	4.31
Aberdeen	39.1	2.30
Shields	39.3	1.61
York	39.7	1.75
Malldaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

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





# REMARKS

for FRIDAY 10<sup>th</sup> FEB<sup>y</sup> 1882 at 8 a.m.

The barometer is falling in all parts of Western Europe, the change being greatest in the north of Scotland, and least in the south of England. A large area of high pressure still exists over France and Germany, while the lowest barometer is reported from our north-west coast but there are signs of the appearance of a fresh depression in the south-west. The wind is SE<sup>ly</sup> over the Bay of Biscay, S<sup>ly</sup> to SW<sup>ly</sup> on our coast and W<sup>ly</sup> over Sweden; it blows a hard gale at the mouth of the Channel, and strong winds or slight gales have been experienced all along our western and northern coasts. The weather is very unsettled; it is fine in the south-west of France and inclined to clear in the south-east of England, but is cloudy or dull elsewhere, with rain at several western stations, and fog in parts of France. Heavy rain has fallen in south Ireland. Temperature has risen fast in Scotland changed irregularly elsewhere, and readings range from 50° at Cairn and 51° at Parsonstown to 34° in the south-east. Very slight frost occurred in the south-east last night.

The sea is rough in the SW. at Donaghadee and off the west of Norway.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

11<sup>th</sup> FEBRUARY.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Southerly strong winds and gales; dull, rain, mild.
6 SCOTLAND EAST	South-westerly and southerly winds, freshening; dull, rain, mild.
2 ENGLAND N.E.	.....D°.....D°.....D°.....
3 ENGLAND EAST	Same as N° 5.
4 MIDLAND COUNTIES	Same as N° 5.
5 ENGLAND SOUTH	South-easterly and southerly winds, freshening; fair to dull and some rain.

### DISTRICTS

### FORECASTS

1 SCOTLAND WEST	Southerly strong winds and gales; dull, some rain.
7 ENGLAND N.W.	.....D°.....D°.....D°.....
8 ENGLAND S.W.	Southerly and south-easterly winds strong to a gale; dull, some rain.
9 IRELAND NORTH	Wind varying between south-east and south-west, strong to a gale; dull, unsettled, some rain.
10 IRELAND SOUTH	.....D°.....D°.....D°.....
WARNINGS	The S. cone is still flying in districts N°s 0. and 6 to 10.



# METEOROLOGICAL OBSERVATIONS FOR

10<sup>th</sup> FEB<sup>y</sup>

1882

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 35° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).		Reading at 35° 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	30	NW	2	b	29.69	0.0	30	29	+ 15	W	2	b	*	37	12	-		
Hernösand	29.95	38	Z	0	b	29.99	0.03	35	33	?	W	2	b	*	45	18	-		
Stockholm	30.16	39	WNW	4	0	30.14	0.08	28	28	- 1	W	4	0	*	36	19	-		
Wisby	30.21	37	W	4	0	30.18	0.10	35	33	+ 1	WNW	4	b	*	37	10	0.39		
Bodö	29.63	40	SW	6	c	29.63	0.19	42	40	+ 2	SW	6	0	*	42	37	0.20		
Christiansund	30.23	41	WSW	4	c	29.83	0.27	33	31	- 9	SE	1	b	5	?	23	-		
†Skudesnaes	30.22	40	SSE	5	0	30.04	0.27	41	40	+ 2	SSE	7	0	5	41	39	-		
Oxö (Klansund)	30.26	38	SW	4	0	30.15	0.21	39	39	+ 2	S	4	f	2	39	37	-		
Skagen (The Skaw)	30.28	36	WSW	4	0	30.21	0.17	37	37	- 2	SW	4	m	4	39	34	0.04		
Fanö	30.38	37	WSW	4	0	30.23	0.21	37	37	+ 1	SW	4	0	*	37	32	0.16		
Cuxhaven	30.48	?	WSW	2	b	30.36	0.18	32	32	- 3	WSW	2	f	*	?	30	-		
†Sumburgh Head	29.93	42	S	4	0	29.66	0.43	47	46	+ 5	S	4	0	4	47	37	-		
†Stornoway	29.80	42	SSE	7	0	29.64	0.36	47	46	+ 3	SSW	4	b	4	49	43	0.17		
Wick	29.91	44	S	4	b	29.69	0.39	49	47	+ 9	W	2	0	2	49	37	-		
Nairn	29.91	43	Z	0	c	29.71	0.39	50	48	+ 13	WSW	2	0	1	50	37	-		
†Aberdeen	30.03	40	S	4	0	29.84	0.34	46	45	+ 10	S	7	0	3	47	35	-		
Leith	30.02	43	SW	1	c	29.86	0.34	49	46	+ 11	SW	4	b	*	50	38	0.02		
†Shields	30.16	43	WSW	4	cm	30.02	0.24	41	40	+ 4	SW	4	0	2	43	36	-		
Spurn Head	30.29	40	S	5	0	30.15	0.22	35	35	0	SSW	5	0	4	42	34	-		
York	30.24	41	SE	2	c	30.12	0.21	38	37	+ 1	SSE	2	0	*	42	36	-		
Nottingham	30.29	39	S	3	0	30.20	0.19	37	36	+ 1	SSW	3	0	*	42	36	0.06		
†Ardrossan	29.99	46	S	4	0	29.83	0.32	46	46	+ 5	S	5	pd	4	47	40	0.20		
†Mullaghmore	29.83	54	S	5	0	29.77	0.18	49	48	+ 1	SW	4	0	3	55	48	0.56		
Donaghadee	30.00	42	SW	7	0	29.84	0.28	42	42	+ 4	SW	8	0	6	49	43	0.05		
Parsonstown	29.94	33	SSE	2	0	29.83	0.20	51	50	+ 1	S	1	0	*	55	49	0.39		
Barrow-in-Furness	30.14	42	E	4	1	30.03	0.21	41	40	+ 4	ESE	5	0	4	43	36	0.15		
†Holyhead	30.11	46	S	6	1	29.96	0.21	47	45	+ 1	S	6	0	4	47	45	0.02		
Liverpool (Bidston)	30.17	43	SE	3	0	30.06	0.18	40	39	+ 3	ESE	3	0	3	45	37	0.07		
†Valencia	29.85	53	SSE	7	0	29.84	0.12	42	42	- 3	Z	0	0	1	54	47	0.96		
Roche's Point	29.97	44	SSE	6	1	29.84	0.23	50	50	0	SSW	7	0	5	52	46	0.55		
Pembroke	30.19	47	S	5	0	30.03	0.16	47	46	- 1	S	6	d	4	48	47	0.06		
†Scilly	30.14	51	S	8	0	30.01	0.17	50	50	- 1	S	9	0	6	52	49	0.04		
Prawle Point	30.32	42	SSE	5	0	30.19	0.15	44	43	- 1	SSE	3	0	4	45	40	-		
Hurst Castle	30.38	39	S	4	0	30.25	0.17	40	39	+ 3	SSW	3	0	3	40	36	-		
†Dover	30.42	35	SW	2	0	30.31	0.16	34	33	- 2	SW	3	0	2	37	32	-		
†London	30.40	35	S	1	0	30.29	0.14	35	34	- 1	S	2	0	*	38	33	-		
Oxford	30.34	34	S	1	0	30.23	0.17	37	36	+ 1	SSE	4	0	*	38	35	-		
Cambridge	30.37	38	S	1	0	30.23	0.20	34	34	- 1	S	1	0	*	39	32	-		
†Yarmouth	30.37	36	SSW	3	0	30.25	0.20	34	33	- 1	SSW	4	0	3	39	32	-		
The Helder	30.42	44	SSW	1	c	30.32	0.18	33	32	+ 2	SSW	3	0	2	36	30	-		
Cape Gris Nez	30.46	39	SE	7	m	30.33	0.17	44	44	+ 11	SSE	3	f	1	34	23	-		
†Jersey	30.39	35	SSE	3	b	30.29	0.17	34	34	- 2	SE	3	0	3	36	32	-		
Brest	30.28	43	SE	4	m	30.19	0.15	40	39	- 5	SE	9	0	5	45	37	-		
Lorient	30.31	36	SE	5	m	30.17	0.17	34	33	- 3	SE	7	m	4	39	30	-		
†Rochefort	30.36	34	E	3	b	30.24	0.18	32	31	0	SE	5	b	2	37	32	-		
Biarritz	30.36	49	E	3	b	30.23	0.19	53	44	+ 11	S	5	b	2	?	41	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.39	0.14	29	29	- 1	SSE	3	0	*	36	28	-		
Charleville	30.47	31	ESE	1	0	30.40	0.09	29	27	+ 7	S	4	0	*	34	20	-		
Paris	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Lyons	30.54	28	N	1	m	30.52	0.03	26	26	- 1	W	1	f	*	34	25	-		
Toulon	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.90	41	SSW	3	1	28.78	0.21	39	38	+ 5	SSW	2	0	*	41	33	0.10		

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

Hawes Junction	28.90	41	SSW	3	1	28.78	39	38	+ 5	SSW	2	0	*	41	33	0.10
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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 ...	30.28	40	38	SSE	2	0	4	Valencia ...	29.89	53	52	SSE	6	omd	6
Sumburgh Head	30.04	43	40	SSW	4	1	3	Scilly ...	30.16	52	52	S	8	p	6
Stornoway ...	29.89	47	45	SSE	7	2	6	Dover ..	30.45	36	34	SSW	3	og	2
Aberdeen ...	30.09	42	39	S	3	6	1	London ...	30.42	32	37	S	2	om	*
Shields ...	30.18	41	40	SW	3	om	2	Yarmouth ...	30.41	37	36	SSW	3	og	3
Ardrossan ...	30.07	44	42	E	2	0	2	Jersey ...	30.42	34	33	SE	3	c	3
Mullaghmore ...	29.90	53	50	S	5	ogm	4	Rochefort ...	30.41	34	32	E	3	0	2
Holyhead ...	30.14	47	47	S	6	2	4								

Pressure is decreasing everywhere while the S<sup>W</sup> wind at Scilly has increased to a gale. The weather is dull with drizzling rain in some places.

## 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 11<sup>TH</sup> FEBRUARY

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

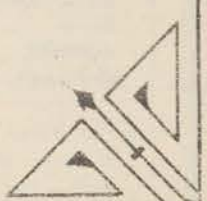
S. W.

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ROBERT H. SCOTT

(SECRETARY.)



*Printed by D. B. Dyer, 28, Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on SATURDAY 11<sup>TH</sup> FEBRUARY

1882

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

**Wind.** Arrows show the prevalent 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.

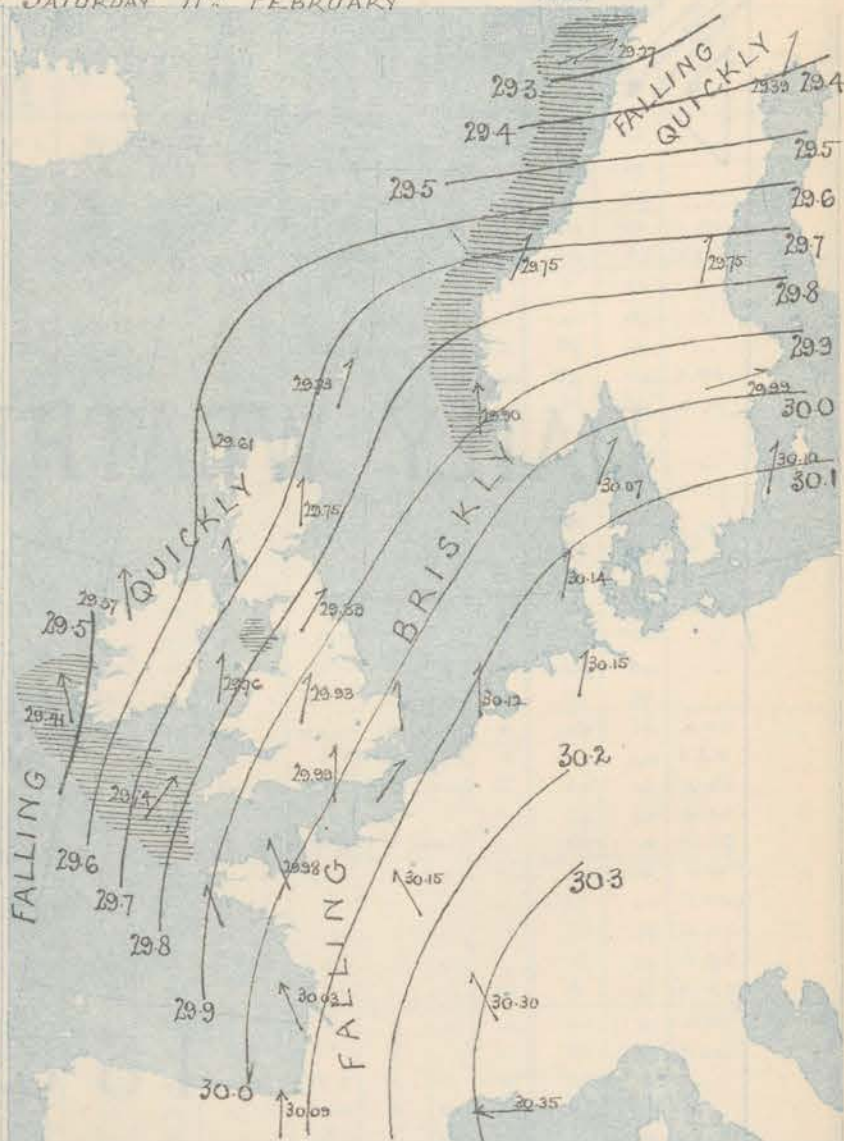
**Sea Disturbance.** where considerable is shown by shading round the coast, thus — Rough, — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February

Stations	Mean Readings ins.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.897
Holyhead	29.889
Valencia	29.903
Rochester	29.922
Plymouth	29.993
LONDON	29.983
Yarmouth	29.974

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





# REMARKS

for SATURDAY 11<sup>th</sup> FEB<sup>y</sup>

1887 at 8 a.m.

A large depression is approaching our western coast from the Atlantic and is occasionally a fall of the barometer over the whole of Western Europe. The change amounts to 0.4 in: at Valencia, while it is only 0.2 in: over North Germany, so that gradients show a further increase and pressure is now below 30 ins: at all except our most south-eastern stations. The wind is S<sup>2</sup> on all coast, blowing strongly at Valencia, and lightly or moderately in most other places. Temperature has fallen briskly over France and slightly on our south coast, but has fallen at nearly all our stations. It ranges from 50° in the south-west and 45° at Stornoway to 37° on our east coast.

The weather is dull and gloomy in the west of Ireland, while slight rain is falling at Pembroke and Aberdeen, but on the whole the weather is fine, and the rain which has fallen in the west has been slight, except at Ardrossan, Rocks Point, and Parnostown.

The sea is rough in the south-west and off the N. of Norway.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

12<sup>th</sup> FEBRUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S <sup>2</sup> winds, increasing to a gale; dull, rain.	6 SCOTLAND WEST	S <sup>2</sup> winds, strong to a gale; fair then dull and rain.
2 SCOTLAND EAST	S <sup>2</sup> winds, freshening; fair and mild to dull and rain.	7 ENGLAND N.W.	-----D°-----D°-----D°-----
3 ENGLAND N.E.	-----D°-----D°-----D°-----	8 ENGLAND S.W.	S <sup>2</sup> winds, rising to a gale; dull, rain.
4 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	S <sup>2</sup> to SW <sup>2</sup> gales and strong winds; dull, gloomy, rain.
5 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	S <sup>2</sup> winds, moderate; weather fair and mild but becoming dull and unsettled.	WARNINGS	The south cone is still flying in districts N°s 0. and 6 to 10.



# METEOROLOGICAL OBSERVATIONS FOR

11<sup>th</sup> FEB<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	29.84	33	SW	4	b	29.39	- 30	36	33	+ 6	SW	4	b	*	?	27	-		
Hernösand	29.74	30	Z	0	b	29.75	- 24	31	29	- 4	SW	2	b	*	43	28	-		
Stockholm	30.04	37	W	2	o	29.99	- 15	36	35	+ 1	W	4	o	*	37	27	-		
Wisby	30.15	37	SW	2	o	30.10	- 08	25	34	- 0	SW	2	c	*	39	34	-		
Bodö	29.33	44	SW	6	h	29.27	- 36	40	37	- 2	WSW	8	o	6	45	37	0.24		
Christiansund	29.64	44	WSW	7	o	29.75	- 08	43	40	+ 10	SW	5	b	5	45	28	0.20		
†Skudesnaes	29.95	42	S	8	h	29.90	- 14	43	42	+ 2	S	6	h	6	?	41	-		
Oxö (Kristiansund)	30.07	39	SEW	4	f	30.01	- 14	40	39	+ 1	SEW	4	f	4	?	?	0.04		
Skagen (The Skaw)	30.13	38	SW	4	o	30.07	- 14	39	38	+ 2	SW	4	f	3	41	36	-		
Fanö	30.21	35	SW	4	o	30.14	- 14	35	34	- 2	SSW	4	m	*	37	34	-		
Cuxhaven	30.20	?	SW	2	o	30.15	- 21	30	30	- 2	SSW	3	f	*	?	28	-		
†Sumburgh Head	29.72	47	WSW	4	o	29.73	+ 07	42	41	- 5	SSW	3	c	3	48	37	0.03		
†Stornoway	29.76	41	SSW	3	b	29.61	- 03	45	44	- 2	SSE	4	o	4	48	37	-		
Wick	29.79	46	Z	0	c	29.68	- 01	43	43	- 6	S	1	f	2	49	36	-		
Nairn	29.81	49	Z	0	b	29.67	- 04	40	38	- 10	Z	0	b	1	52	39	-		
†Aberdeen	29.83	47	SEW	2	o	29.75	- 09	44	43	- 2	S	3	c	3	49	43	0.05		
Leith	29.86	49	SW	1	h	29.74	- 12	47	45	- 2	SW	3	b	*	51	45	0.11		
†Shields	29.97	48	S	1	om	29.83	- 19	39	38	- 2	SW	4	o	2	49	38	-		
Spurn Head	30.08	41	S	4	m	29.94	- 21	37	37	+ 2	SSE	4	b	3	43	35	-		
York	30.05	44	S	3	c	29.90	- 22	37	36	- 1	S	3	b	*	45	35	-		
Nottingham	30.10	42	S	3	b	29.93	- 27	39	38	+ 2	SSW	3	o	-	48	34	-		
†Ardrossan	29.85	46	S	2	h	29.70	- 13	46	45	- 0	SSE	4	of	3	47	44	0.36		
†Mullaghmore	29.80	47	Z	0	c	29.57	- 20	47	44	- 2	SSE	5	og	4	51	47	0.01		
Donaghadee	29.85	47	SEW	3	o	29.70	- 14	47	47	- 1	SW	5	o	3	49	45	0.14		
Parsonstown	29.83	48	ESE	1	o	29.62	- 21	45	44	- 6	SE	1	b	*	51	46	0.40		
Barrow-in-Furness	29.95	44	SE	5	o	29.80	- 23	40	39	- 1	SE	4	b	5	45	40	0.01		
†Holyhead	29.91	48	SSW	4	m	29.76	- 20	45	43	- 2	S	4	b	3	50	45	-		
Liverpool (Bidston)	29.98	46	SE	4	o	29.83	- 23	39	39	- 1	SE	3	c	3	47	39	-		
†Valencia	29.82	48	S	1	bm	29.41	- 43	50	49	+ 2	SSE	7	og	6	53	45	0.17		
Roche's Point	29.83	48	SSW	4	f	29.62	- 22	48	46	- 2	S	5	b	4	51	46	0.45		
Pembroke	29.97	48	SSE	4	o	29.76	- 27	47	46	- 0	SSE	4	om	3	49	46	0.01		
†Scilly	29.94	51	S	8	o	29.74	- 27	50	50	- 0	SW	5	o	5	52	49	0.01		
Prawle Point	30.00	45	SE	3	c	29.89	- 30	46	46	+ 2	SSE	3	o	4	47	43	-		
Hurst Castle	30.14	42	SW	4	b	29.94	- 31	45	43	+ 5	S	5	c	3	46	39	-		
†Dover	30.21	40	SW	3	b	30.04	- 27	41	39	+ 7	SW	3	b	2	41	33	-		
†London	30.19	40	S	2	b	29.99	- 30	39	38	+ 4	S	1	fe	*	46	35	-		
Oxford	30.12	39	SE	3	b	29.95	- 28	40	39	+ 3	ESE	3	c	*	46	37	-		
Cambridge	30.16	38	S	1	b	29.98	- 25	37	36	+ 3	S	1	o	*	46	33	-		
†Yarmouth	30.18	38	SSW	4	b	30.02	- 23	39	38	+ 5	S	3	b	3	39	34	-		
The Helder	30.24	30	S	1	b	30.12	- 20	27	26	- 6	S	1	b	1	34	27	-		
Cape Gris Nez																			
†Jersey	30.16	41	NW	3	c	29.98	- 31	43	41	+ 9	SE	3	cy	3	43	33	-		
Brest	30.08	44	SE	5	m	29.91	- 28	46	44	+ 6	SE	4	f	5	?	37	-		
Lorient	30.04	42	SE	7	m	29.87	- 30	45	45	+ 11	SW	4	m	4	?	32	-		
†Roche fort	30.15	48	SE	3	b	30.03	- 21	42	41	+ 10	SSE	5	c	2	55	27	-		
Biarritz	30.14	59	WSW	4	c	30.09	- 14	54	47	+ 1	S	5	o	3	63	46	-		
Corunna	*	*	*	*	*			*						*	*	*	*		
Brussels	*	*	*	*	*	30.15	- 24	33	32	+ 4	ESE	3	b	*	40	?	-		
Charleville														*	*	*	*		
Paris	30.30	39	SE	3	b	30.15	-	32	30	-	SE	4	bm	*	*	*	-		
Lyons	30.37	45	S	4	b	30.30	- 22	36	34	+ 10	SSE	4	b	*	50	?	-		
Toulon	30.49	46	S	1	b	30.35	-	43	40	-	E	5	o	3	50	41	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.74	44	SSW	3	o	28.58	- 20	41	38	+ 2	SSW	3	b	*	44	36	0.06		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.00	42	41	S	8	h	6	Valencia ...	29.85	52	50	WSW	2	em	2
Sumburgh Head	29.67	47	46	SW	4	o	4	Scilly ...	29.97	52	51	S	8	o	6
Stornoway ...	29.71	47	45	WSW	4	c	4	Dover ..	30.25	38	36	SW	3	b	2
Aberdeen ...	29.82	47	45	SSW	5	o	4	London ...	30.20	45	41	SSW	3	c	*
Shields ...	29.96	48	45	S	1	om	2	Yarmouth ...	30.21	39	38	S	4	om	3
Ardrossan ...	29.84	46	46	S	5	h	4	Jersey ...	30.19	39	38	SSW	3	b-c	3
Mullaghmore ...	29.81	50	48	SW	2	og	3	Roche fort ...	30.20	50	46	SE	4	b	2
Holyhead ...	29.94	49	47	SSW	5	o	4								

Pressure has increased during the morning in the N. and H. and decreased in the E. and S.; but this afternoon there are signs of a fresh fall at Valencia. The S<sup>th</sup> gale still holds at Scilly, while fine weather prevails 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); 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 12<sup>TH</sup> FEBRUARY.

1882

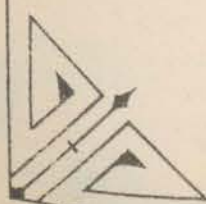
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METEOROLOGICAL OFFICE

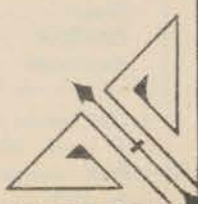
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Sunday, 12<sup>th</sup> FEBRUARY.

## 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.

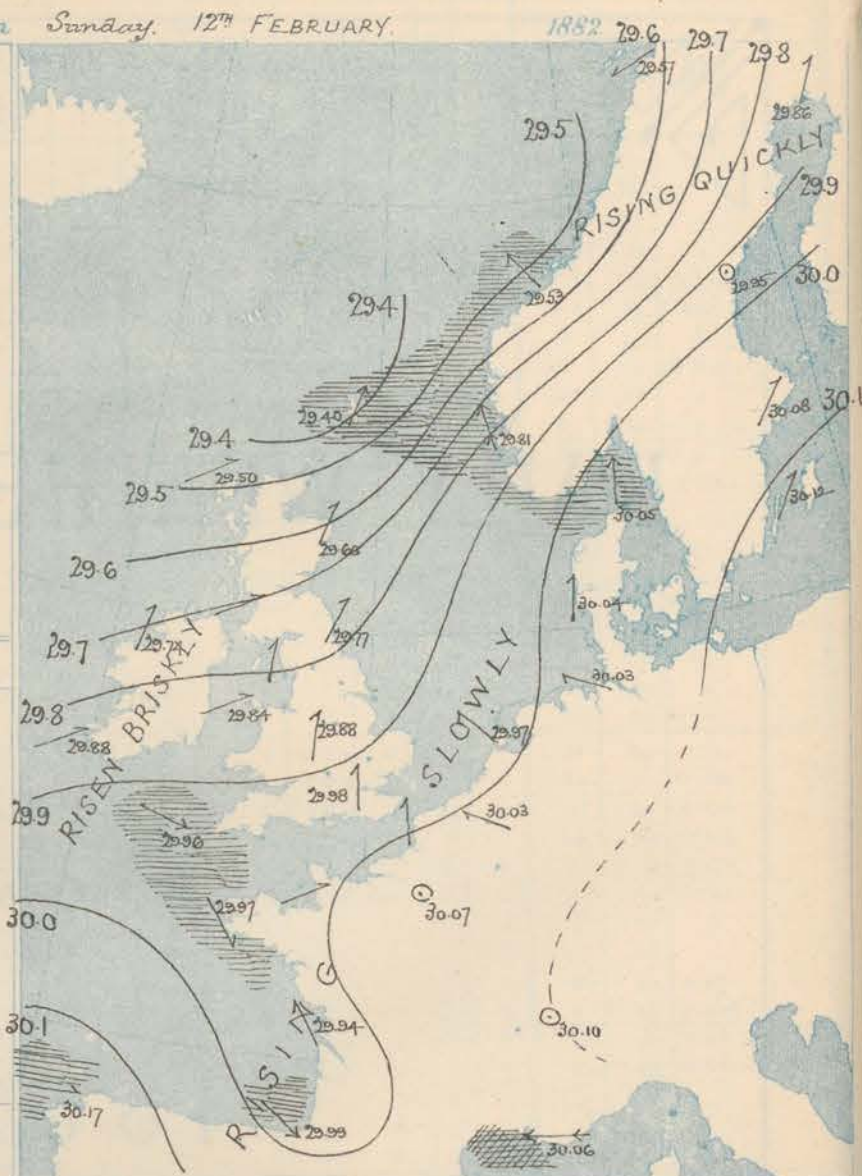
**Sea Disturbance,** where considerable, is shown by shading round the coast; thus — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February.

Stations.	Mean Readings Ins.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greencastle	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt.	29.922
Plymouth	29.993
LONDON	29.983
Yarmouth	29.974

\* 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.

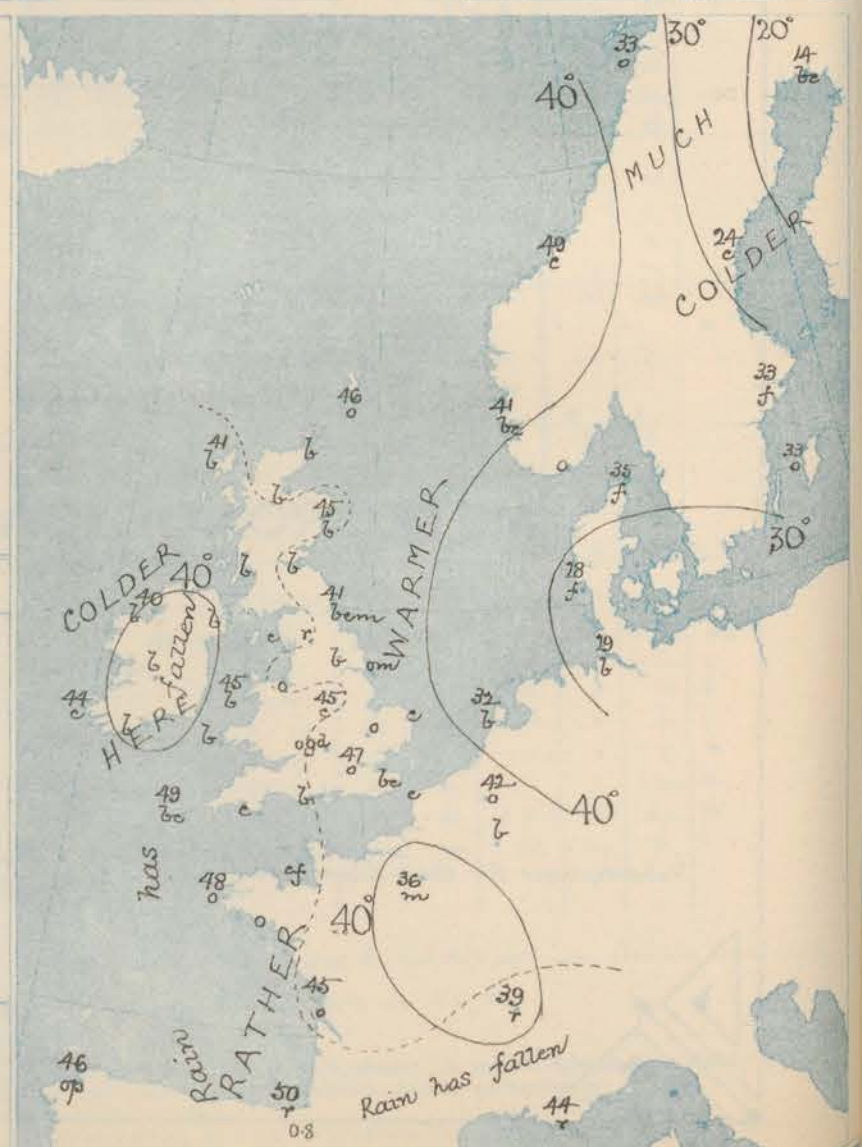
**Rainfall.** A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of February.

Stations	Temp	Rain-fall
Sunbury Head	38.5	2.40
Sornoway	39.4	4.31
Aberdeen	39.1	2.20
Shields	39.3	1.61
York	39.7	1.75
Mallaughmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

\* 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 12<sup>TH</sup> FEB<sup>Y</sup> 1882 at 8 a m

Conditions are becoming generally unsettled, and, though the barometer is at present rising over France and nearly the whole of the British Isles, rough, squally weather seems probable. Pressure is high over the north of Spain and over the Baltic, lowest to the northward of Scotland, and depressions appear to be approaching us from the Atlantic. The wind varies between SW. and W., and is generally light or moderate in force, while temperature, which has fallen fast in Ireland and risen elsewhere, ranges from  $49^{\circ}$  at Scilly to  $36^{\circ}$  at Parsonstown. The weather is fine and bright except in the south-east, where the sky is temporarily overcast, but shows signs of clearing.

The sea is rough round the south-west coast of Norway, at the mouth of the Channel, as well as at Biarritz, Coruna, and Toulon.

MAP SHOWING  
DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

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

DISTRICTS		FORECASTS	
11	SCOTLAND NORTH	6	SCOTLAND WEST
1	SCOTLAND EAST	7	ENGLAND N. W.
2	ENGLAND N. E.	8	ENGLAND S. W.
3	ENGLAND EAST	9	IRELAND NORTH
4	MIDLAND COUNTIES	10	IRELAND SOUTH
5	ENGLAND SOUTH		

The South Cone is flying in district nos 0, 1, and 6 to 10.



## METEOROLOGICAL OBSERVATIONS FOR

12<sup>TH</sup> FEB<sup>R</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	29.64	27	SW	2	b	29.86	+ 47	14	13	- 22	SW	2	b	*	39	?	-		
Hernösand	29.92	31	Z	0	b	29.95	+ 20	24	23	- 7	Z	0	c	*	48	25	-		
Stockholm	30.04	36	W	2	o	30.08	+ 09	33	32	- 3	WSW	2	f	*	41	?	-		
Wisby	30.12	33	W/SE	4	o	30.12	+ 02	33	32	- 2	SW	4	o	*	37	32	-		
Bodö	29.76	34	W	4	o	29.57	+ 30	33	30	- 7	E/NE	4	o	2	37	28	-		
Christiansund	29.75	42	SE	4	c	29.53	- 22	49	40	+ 6	SSE	5	c	5	?	30	-		
†Skudesnaes	29.87	43	SSE	8	o	29.81	- 09	41	38	- 2	SSE	8	b	6	44	?	-		
Örö (Xtiansund)	30.00	39	S	2	f	30.01	- 00	33	32	- 7	ESE	2	o	2	41	32	-		
Skagen (The Skaw)	30.07	36	SW	4	f	30.05	- 02	35	35	- 4	S	5	f	5	37	32	-		
Fanö	30.08	31	S	4	f	30.04	- 10	28	28	- 7	S	4	f	*	34	27	-		
Cuxhaven	30.12	?	ESE	3	b	30.03	- 12	29	29	- 1	ESE	2	f	*	32	27	-		
†Sumburgh Head	29.55	45	ENE	4	m	29.40	- 33	46	44	+ 4	SW	5	o	5	47	39	-		
†Stornoway	29.44	47	SSE	6	o	29.50	- 11	41	39	- 4	WSW	4	b	4	49	39	0.04		
Wick	29.51	46	S	5	b	29.53	- 15	41	39	- 2	S	1	b	1	48	40	-		
Nairn	29.53	47	Z	0	b	29.55	- 12	41	40	+ 1	W	3	b	1	52	39	0.02		
†Aberdeen	29.62	44	S	5	c	29.60	- 15	45	42	+ 1	SW	4	b	1	48	42	0.01		
Leith	29.60	50	W	1	b	29.68	- 06	45	44	- 2	W	1	b	*	57	44	-		
†Shields	29.71	45	SW	3	cm	29.77	- 06	41	40	+ 2	SW	3	b	2	46	39	-		
Spurn Head	29.80	42	SSE	4	b	29.83	- 11	42	42	+ 5	S	4	om	3	46	37	-		
York	29.76	44	SSE	1	b	29.84	- 06	42	42	+ 5	SSE	1	b	*	48	35	-		
Nottingham	29.79	45	SSE	3	o	29.88	- 05	45	44	+ 6	SSW	2	c	*	52	38	0.02		
†Ardrossan	29.60	46	NE	2	cf	29.77	+ 02	45	44	- 1	WSW	4	b	3	46	44	0.16		
†Mullaghmore	29.41	50	S	7	o	29.74	+ 17	40	38	- 7	SSW	4	b	3	51	37	0.01		
Donaghadee	29.57	48	SSW	4	o	29.77	+ 07	40	39	- 7	W	3	b	1	49	39	0.05		
Parsonstown	29.53	47	S	1	c	29.85	+ 23	36	35	- 9	S	1	b	*	57	35	-		
Barrow-in-Furness	29.67	45	SE	4	c	29.78	- 02	43	43	+ 3	SSW	3	c	3	47	40	0.03		
†Holyhead	29.65	48	S	4	b	29.84	+ 08	45	44	0	WSW	2	b	2	49	44	0.04		
Liverpool (Bidston)	29.70	45	SE	3	o	29.83	- 00	45	43	+ 6	SW	2	o	2	48	39	-		
†Valencia	29.50	49	SSW	5	cm	29.88	+ 47	44	42	- 6	WSW	2	c	3	53	40	0.02		
Roche's Point	29.56	48	SSW	5	c	29.88	+ 26	37	35	- 11	W	1	b	4	50	36	0.15		
Pembroke	29.64	47	SSE	3	o	29.88	+ 12	46	45	- 1	NNW	2	b	2	49	46	0.12		
†Scilly	29.66	49	SW	4	r	29.96	+ 32	49	46	- 1	NNW	5	b	6	54	46	0.13		
Prawle Point	29.76	47	SSE	4	c	29.95	+ 06	44	44	- 2	W	2	c	4	50	43	0.04		
Hurst Castle	29.82	46	SSE	3	b	29.94	- 00	43	43	- 2	NNW	2	b	3	48	43	0.04		
†Dover	29.89	45	SW	3	b	29.96	- 08	44	43	+ 3	SW	3	b	2	46	40	-		
†London	29.87	46	S	2	o	29.95	- 01	47	46	+ 8	S	1	o	*	53	38	-		
Oxford	29.87	45	S	2	o	29.90	- 05	46	45	+ 6	SW	2	agd	*	50	40	-		
Cambridge	29.84	43	SSE	1	b	29.91	- 07	49	44	- 12	S	1	o	*	53	35	-		
†Yarmouth	29.90	41	S	4	b	29.92	- 10	42	41	+ 3	SSW	2	c	3	42	38	-		
The Helder	29.99	34	SSE	1	b	29.97	- 15	32	31	+ 5	SSE	1	b	1	39	27	-		
Cape Gris Nez	29.92	46	SSE	5	b	29.97	-	43	42	-	S	4	c	1	52	37	-		
†Jersey	29.84	47	SE	3	cf	29.99	+ 01	45	45	+ 2	WSW	2	cf	3	47	42	0.04		
Brest	29.74	50	SSE	3	r	29.97	- 06	48	46	+ 2	NNW	3	o	4	50	37	0.28		
Lorient	29.83	49	S	4	o	29.91	- 04	45	44	0	NNW	1	o	5	54	43	0.12		
†Rocheport	29.90	49	S	5	o	29.94	- 09	45	44	+ 3	SSE	4	o	2	55	36	-		
Biarritz	29.90	51	S	5	c	29.99	- 10	50	48	- 4	NNW	7	r	5	61	43	0.95		
Corunna	*	*	*	*	*	30.07	+ 18	46	*	?	W	2	op	5	*	*	*		
Brussels	*	*	*	*	*	30.03	- 12	42	39	+ 9	ESE	4	o	*	48	39	-		
Charleville	30.05	37	SE	1	b	30.02	-	33	33	-	SE	1	b	*	48	23	-		
Paris	29.99	45	ESE	3	b	30.07	- 08	36	?	+ 4	Z	0	m	*	*	*	-		
Lyons	30.15	45	SSE	3	b	30.10	- 30	39	37	+ 3	E	1	r	*	57	39	-		
Toulon	30.21	47	E	3	o	30.06	- 29	44	42	+ 1	E	8	r	7	50	41	0.12		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.48	43	SSW	2	b	28.54	- 04	41	41	0	SW	3	r	*	49	38	0.08		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.90	44	42	SSE	8	o	5	Valencia ...	29.47	52	49	S	6	om	5
Sumburgh Head	29.52	46	45	SSE	4	m	4	Scilly ...	29.65	51	51	SSW	6	op	5
Stornoway ...	29.48	48	46	S	6	c	5	Dover ...	29.94	45	42	SW	3	b	2
Aberdeen ...	29.68	45	43	S	4	b	3	London ...	29.88	51	47	SSE	3	b	*
Shields ...	29.45	44	42	SW	4	cm	2	Yarmouth ...	29.93	42	41	S	4	b	4
Ardrossan ...	29.63	46	45	SSE	4	o	3	Jersey ...	29.87	46	45	SE	2	c	3
Mullaghmore ...	29.43	50	47	S	6	cg	6	Rocheport ...	29.94	50	48	SSE	5	o	2
Holyhead ...	29.68	49	47	S	5	c	4								

Pressure is decreasing everywhere, a slight increase which had taken place during the morning at Valencia having given way to a fresh fall. The wind is S<sup>3</sup> and the weather mild generally, while in the SE the sky is nearly clear.

## EXPLANATION OF COLUMNS.

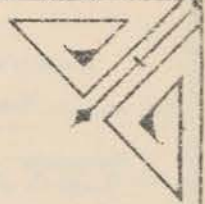
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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





# DAILY WEATHER REPORT

F O R

MONDAY, 13<sup>TH</sup> FEBRUARY

1882

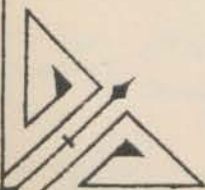
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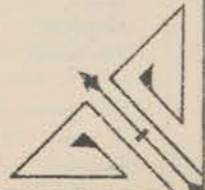
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ROBERT H. SCOTT  
(SECRETARY.)



*Printed by Dangerfield, Lich. 25, Bedford St. London W.C.*



for 8 a.m. on Monday, 13<sup>th</sup> FEBRUARY

Explanation of Map

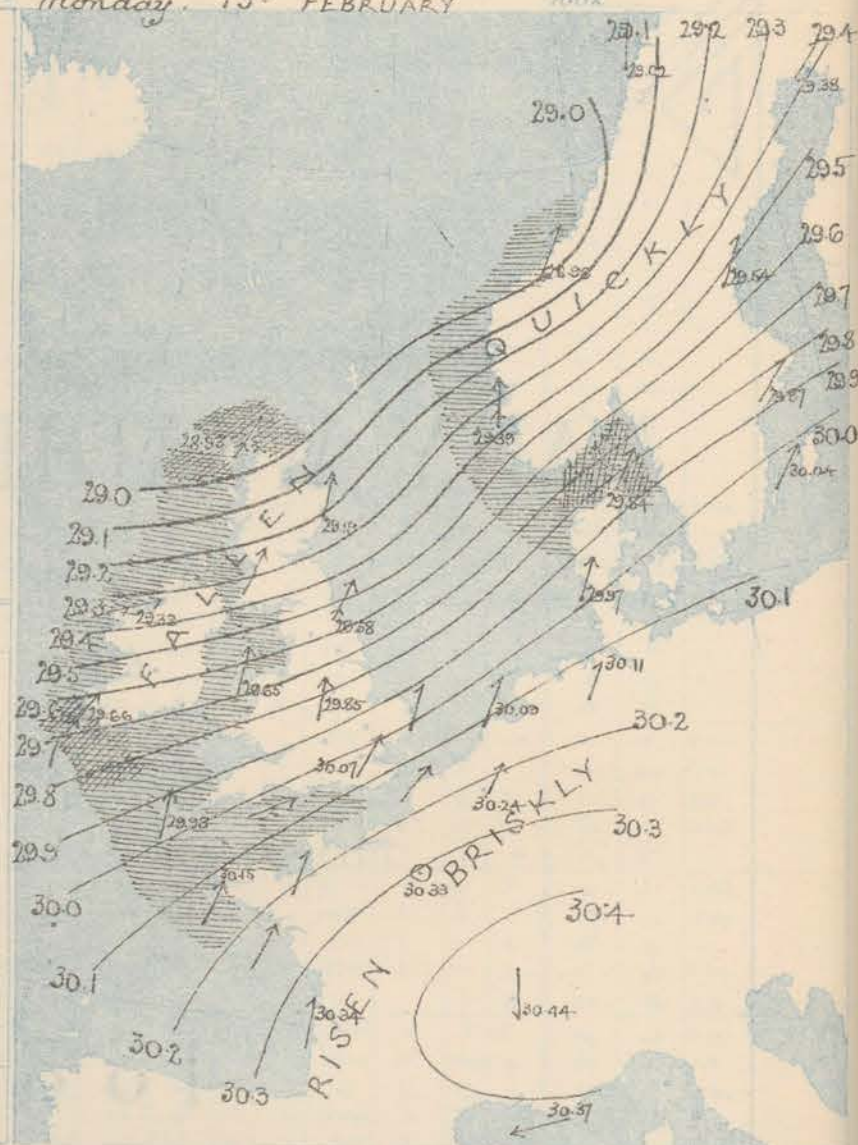
Changes in height of barometer since previous morning are stated in words.

⑦. dead calm.

thus  = Rough,  = High.

## for the month of February

<sup>8</sup> 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.

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

*Rainfall.* A dotted line separates the

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

for the month of February

\* 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 MONDAY 13<sup>th</sup> FEB. 1882 at 8 a.m.

A large depression has advanced during the night to the NW. coast of Scotland, occasioning a fall of half an inch in the barometer in the extreme NW. and to a smaller extent in all parts of the Kingdom, while in France the mercury is rising. Gradients have thus become rather steep, and the wind which is SW<sup>y</sup> and S<sup>ly</sup> generally blows a gale in the west and north and over Norway, and freshly or strongly on all other coasts. The weather is fine over France and at Dover, but is cloudy or dull in all other places with rain in part of Ireland, Scotland and Norway, and fog or mist at several stations. During the past twenty-four hours rain has fallen at all the most W. and northern stations, the amount at Ardrossan exceeding half an inch. Temperature has risen in nearly all places, the change in Ireland being very considerable, and readings range from 44° at Yarmouth to 53° at Louth, Valencia and Scilly. The maxima yesterday were 57° in London, 56° at Nottingham, and 55° at Cambridge.

The sea is very rough at Stromway, and Valencia, rough at most of our W. and SW. ports.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

14<sup>th</sup> FEBRUARY.

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND  
NORTH

SW<sup>y</sup> strong winds and gales;  
showery, unsettled.

6 SCOTLAND  
WEST

SW<sup>y</sup> to W<sup>y</sup> strong winds and gales;  
dull, showery.

2 SCOTLAND  
EAST

-----D°-----D°-----

7 ENGLAND  
N.W.

-----D°-----D°-----

3 ENGLAND  
N.E.

-----D°-----D°-----

8 ENGLAND  
S.W.

SW<sup>y</sup> strong winds and gales;  
dull, some rain.

4 ENGLAND  
EAST

SW<sup>y</sup> winds, strong; cloudy,  
some showers.

9 IRELAND  
NORTH

SW<sup>y</sup> to NW<sup>y</sup> gales to strong wind;  
dull, showery.

5 MIDLAND  
COUNTIES

S<sup>ly</sup> and SW<sup>y</sup> winds, strong,  
squally, dull, some showers.

10 IRELAND  
SOUTH

-----D°-----D°-----

ENGLAND  
SOUTH

SW<sup>y</sup> and W<sup>y</sup> winds, strong, squally  
and perhaps a gale; cloudy, perhaps  
some showers then fair.

### WARNINGS

The S. cone remains flying in  
districts N° 1 and 6 to 10.



# METEOROLOGICAL OBSERVATIONS FOR

13<sup>th</sup> FEB<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	29.54	31	SW	4	o		29.38	- 4.8	30	29	+ 1.6	SW	4	bc	*	30	14	-
Hernösand	29.68	35	SSW	4	b		29.54	- 4.1	33	?	+ 9	SSW	4	o	*	37	?	-
Stockholm	30.04	30	w	4	b		29.87	- 2.1	34	33	+ 1	SW	4	o	*	37	30	-
Wisby	30.13	33	S	4	o		30.04	- 0.8	36	35	+ 3	SW	6	b	*	36	30	-
Bodö	29.22	40	SW	4	o		29.02	- 5.5	40	37	+ 7	S	2	o	2	41	32	0.04
Christiansund	29.46	42	WSW	4	c		28.98	- 5.5	46	39	- 3	SSW	2	o	5	60	32	-
†Skudesnaes	29.77	43	SSW	6	o		29.39	- 4.2	42	42	+ 1	S	8	n	4	43	41	-
Oxö (Xiänsund)	29.89	40	S	4	f		29.69	- 3.2	41	41	+ 2	S	8	f	4	?	?	0.04
Skagen (The Skaw)	29.97	38	SSW	6	b		29.84	+ 1.1	41	40	+ 6	SW	6	o	6	41	32	-
Fanö	30.07	39	SSW	4	o		29.97	- 0.7	40	39	+ 12	SSW	6	o	*	?	28	0.04
Cuxhaven	30.06	?	SSW	2	b		30.11	+ 0.8	36	35	+ 7	SSW	3	c	*	41	28	-
†Sumburgh Head																		
†Stornoway	29.39	43	S	8	h		28.93	- 5.7	47	45	+ 6	SW	8	bc	4	51	38	0.37
Wick	29.43	43	S	6	o		29.03	- 5.0	45	44	+ 4	SW	4	o	4	47	40	0.15
Nairn	29.52	43	SW	2	o		29.08	- 4.7	47	46	+ 6	SW	3	n	1	47	40	0.28
†Aberdeen	29.70	44	SSW	3	c		29.19	- 4.1	51	49	+ 6	SSW	6	qf	4	52	42	0.02
Leith	29.76	44	w	5	b		29.28	- 4.0	53	50	+ 8	SW	7	n	4	53	38	0.11
†Shields	29.87	47	WSW	3	bc		29.58	- 1.9	53	50	+ 12	SW	8	c	3	53	41	-
Spurn Head	29.96	44	SSW	3	b		29.80	- 0.3	46	44	+ 4	SSW	6	c	4	52	39	-
York	29.94	44	SW	1	b		29.71	- 1.3	48	45	+ 6	SW	5	o	*	53	40	-
Nottingham	29.94	45	SSW	3	b		29.85	- 0.3	48	46	+ 3	SSW	6	o	*	56	37	-
†Ardrossan	29.72	45	S	5	c		29.30	- 4.2	48	48	+ 3	SW	5	n	5	48	44	0.55
†Mullaghmore	29.57	47	SW	5	o		29.33	- 4.1	48	47	+ 8	WSW	8	angy	6	53	39	0.38
Donaghadee	29.72	46	SW	7	c		29.41	- 3.6	52	52	+ 12	w	6	cu	5	53	39	0.03
Parsonstown	29.77	46	S	3	c		29.56	- 2.9	53	51	+ 17	SSW	3	o	*	54	35	0.06
Barrow-in-Furness	29.40	43	S	4	b		29.60	- 1.8	47	47	+ 4	SSW	6	o	6	50	42	0.03
†Holyhead	29.89	47	SW	4	b		29.65	- 1.9	50	49	+ 5	SSW	7	dm	5	50	44	0.01
Liverpool (Bidston)	29.95	45	SSW	2	b		29.71	- 1.2	54	50	+ 9	SSW	5	o	4	54	42	-
†Valencia	29.76	49	S	8	o		29.66	- 2.2	53	49	+ 9	SW	8	om	7	55	44	0.13
Roche's Point	29.83	47	SW	6	bc		29.72	- 1.6	52	51	+ 15	SSW	7	n	5	51	37	0.20
Pembroke	29.99	47	SSW	3	c		29.82	- 0.6	50	49	+ 4	SSW	6	o	4	50	46	0.01
†Scilly	30.05	49	SSW	5	c		29.98	+ 0.2	53	52	+ 4	SSW	7	o	6	54	47	-
Prawle Point	30.11	47	WSW	2	b		30.05	+ 1.0	49	49	+ 5	SW	6	o	6	53	43	-
Hurst Castle	30.10	46	WSW	3	b		30.09	+ 1.5	48	47	+ 5	WSW	5	om	4	50	43	-
†Dover	30.10	49	w	2	bc		30.13	+ 1.7	45	44	+ 1	WSW	5	bc	3	49	43	-
†London	30.08	47	WSW	2	bc		30.07	+ 0.9	47	45	o	SW	5	c	*	57	40	-
Oxford	30.09	43	S	3	b		29.98	+ 0.8	47	45	+ 1	S	6	angy	*	55	40	-
Cambridge	30.06	43	SW	1	b		29.95	+ 0.4	46	44	- 3	SSW	2	o	*	53	35	0.01
†Yarmouth	30.04	46	SW	2	bc		29.98	+ 0.6	44	43	+ 2	SSW	4	c	3	49	39	-
The Helder	30.12	40	SSW	3	b		30.09	+ 1.2	40	40	+ 3	SSW	4	f	2	43	32	-
Cape Gris Nez	30.09	44	S	3	b		30.18	+ 2.1	42	41	- 1	SSW	?	6	3	50	41	-
†Jersey	30.18	46	WSW	2	b		30.21	+ 2.2	45	44	o	SW	4	bc	3	52	42	-
Brest	30.19	48	w	3	o		30.15	+ 1.8	50	47	+ 2	SW	7	o	5	52	45	-
Lorient	30.12	47	WSW	4	bc		30.19	+ 2.8	48	45	+ 3	SW	5	bc	4	52	41	-
†Rochefort	30.16	47	WSW	4	bc		30.34	+ 4.0	44	44	- 1	SSW	4	n	2	59	36	-
Biarritz																		
Corunna		*	*	*	*				*						*	*	*	*
Brussels		*	*	*	*		30.24	+ 2.1	41	39	- 1	ESE	4	c	*	52	39	-
Charleville															*	*	*	*
Paris	30.15	44	Z	0	b		30.33	+ 2.6	36	35	o	Z	0	b	*	*	*	-
Lyons	30.24	44	WSW	1	b		30.44	+ 3.4	34	33	- 5	N	1	b	*	52	31	-
Toulon	30.17	46	E	6	b		30.37	+ 3.1	45	38	+ 1	ENE	7	b	5	50	43	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.45	39	SW	2	c		28.40	- 1.4	46	45	+ 5	SW	6	n	*	46	37	0.48

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudeanaes ...	29.78	40	39	SSW	8	0	†	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	29.98	52	51	SSW	3	0	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) u. 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

TUESDAY 14<sup>TH</sup> FEBRUARY.

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

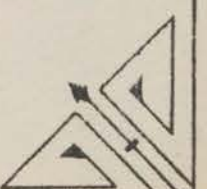
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on TUESDAY 14<sup>TH</sup> FEBRUARY 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.

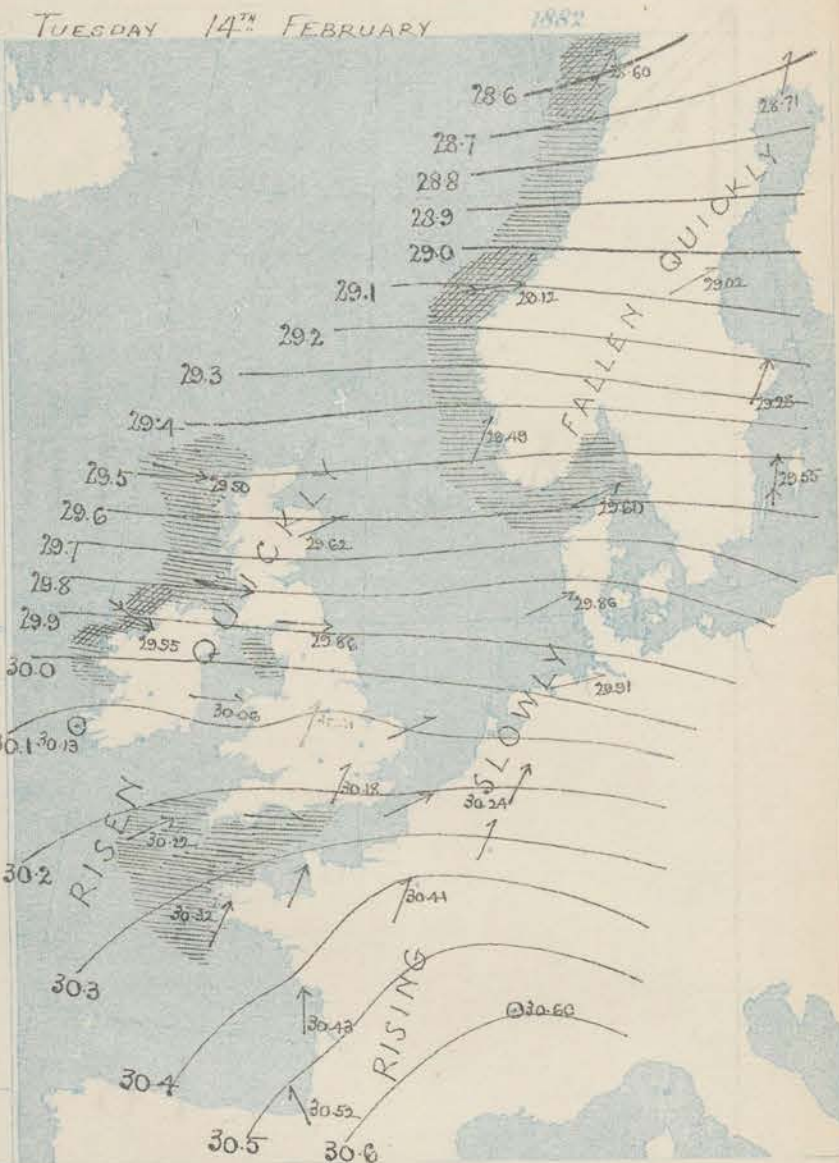
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
 → forces above 10; → forces 8 to 10  
 → forces 5 to 7; → forces 1 to 4;  
 ○ = dead calm.

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

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

Stations	Mean Readings in.
Naze	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Rochester Pt.	29.922
Plymouth	29.923
LONDON	29.963
Yarmouth	29.974

\* 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.

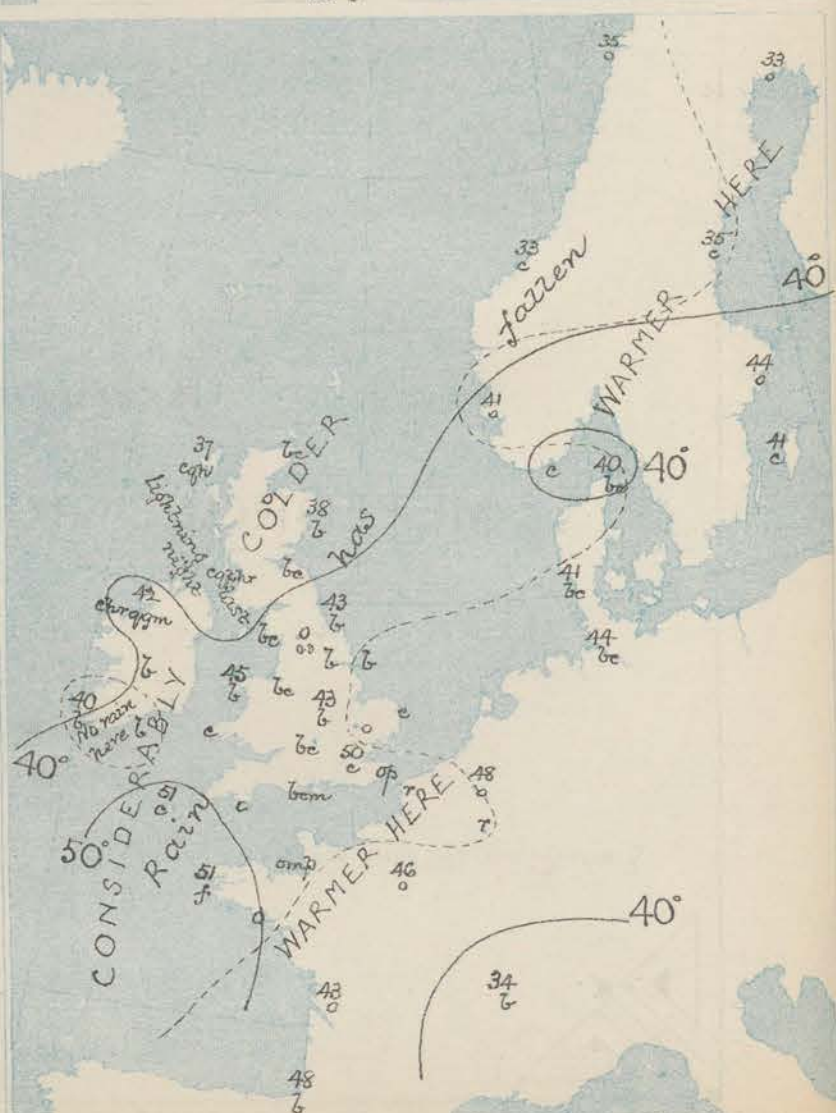
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

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

Stations	Temp	Rain-fall
	°	ins.
Sunbury Head	38.5	7.90
Stornoway	39.4	4.31
Aberdeen	39.1	2.20
Shields	39.3	1.61
Kirk	39.7	1.75
Malta (Glasgow)	41.7	?
Holyhead	42.5	2.37
Perth (Glasgow)	42.0	1.08
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.8	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

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





# REMARKS

for Tuesday 14<sup>th</sup> FEB 1882 at 11 a.m.

The large depression which lay off the north-west of Scotland yesterday has since travelled quickly away NE<sup>wd</sup> and now lies over the extreme N. of Norway. It has been succeeded by an increase of pressure over the whole of Western Europe, the change varying from 0.6 in. in the north of Ireland to a few hundredths over France. The area of highest pressure is again shown over France. The wind has veered generally and is now W<sup>ly</sup> in nearly all places except London and the W. and NW. of France. It is fresh or strong in force in most places, but the gales noticed yesterday have died down except at Mullaghmore and in the NW. of Norway. Showers of hail and cloudy weather are reported from our extreme NW<sup>m</sup> coasts, and slight rain from some of our Channel stations, but the weather generally is fine and bright. At Wick snow has fallen and in most places slight rain. Temperature has risen in the SE. of England and the N. of France, fallen briskly elsewhere, and readings range from 51° at Scilly and Brest and 50° in London and at Jersey to 36° at Wick. The maxima yesterday were 56° at Shields, Nottingham and Liverpool, 55° at Oxford and Cambridge and 52° in London. The sea is very rough in the NW. and at Scilly.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon on the

15<sup>th</sup> FEBRUARY

ISSUED AT 11 a.m. on previous day

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	W <sup>ly</sup> winds, strong, backing to SW.; cloudy, showery.
6 SCOTLAND EAST	W <sup>ly</sup> winds, fresh, backing to SW; fine to dull, and rain.
2 ENGLAND NE	-----D°-----D°-----
3 ENGLAND EAST	Same as No 5.
4 MIDLAND COUNTIES	Same as No 5.
5 ENGLAND SOUTH	W <sup>ly</sup> winds, moderate or light, backing during day; fine and mild generally, but colder at night.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Same as Nos 1 and 2
7 ENGLAND NW	-----D°-----
8 ENGLAND SW	SW <sup>ly</sup> winds, increasing; dull some rain, mild.
9 IRELAND NORTH	Wind backing to SW. and increasing; becoming dull and rainy, mild.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The south cone still lies in districts Nos 0. 1. 6. 7 and 9.



# METEOROLOGICAL OBSERVATIONS FOR

14<sup>th</sup> FEB<sup>r</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.		Sec. (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	28.88	33	S	4	0	28.71	-67	38	29	+3	SW	4	0	34	27	-			
Hernösand	28.96	41	S	4	0	29.02	-52	35	33	+2	W	2	0	?	?	0.04.			
Stockholm	29.26	42	SW	6	0	29.28	-59	44	40	+10	W	6	0	45	30	-			
Wisby	29.41	40	SW	9	0	29.55	-49	41	39	+5	SW	8	0	41	34	-			
Bodö	28.45	42	SW	2	0	28.60	-42	35	31	+5	SW	9	0	43	?	0.04.			
Christiansund	28.88	40	WSW	9	0	29.12	+14	33	30	-13	W	9	0	42	23	0.16			
†Skudesnaes	29.20	46	WSW	6	bc	29.49	+10	41	37	-1	SW	4	0	?	?	-			
Oxö (Klansund)	29.33	44	SW	9	bc	29.55	-14	39	38	-2	SW	7	0	45	37	0.39			
Skagen (The Skaw)	29.47	45	SW	9	0	29.60	-24	40	39	-1	WSW	5	bc	46	30	0.20			
Fanö	29.75	44	SW	8	1	29.86	-11	41	40	+1	WSW	6	bc	43	39	0.04			
Cuxhaven	29.93	?	SW	4	0	29.91	-20	44	44	+8	WSW	4	bc	45	32	-			
†Sumburgh Head																			
†Stornoway	29.33	38	WSW	4	bc	29.50	+57	37	36	-10	W	6	cgh	47	32	0.42			
Wick	29.20	41	W	4	0	29.52	+49	36	35	-9	W	3	bc	48	33	0.15			
Nairn	29.35	43	W	6	0	29.58	+50	37	36	-10	W	3	0	48	37	0.31			
†Aberdeen	29.34	46	WSW	8	0	29.62	+43	38	35	-13	WSW	4	bc	51	35	0.04			
Leith	29.51	46	SW	4	bc	29.75	+47	39	37	-14	W	6	bc	54	38	0.37			
†Shields	29.58	51	WSW	7	bc	29.86	+28	43	40	-10	W	5	bc	56	41	0.02			
Spurn Head	29.78	51	WSW	5	c	30.00	+20	44	42	-2	WSW	5	bc	54	43	-			
York	29.73	51	W	8	bc	29.99	+28	44	41	-4	W	4	bc	54	43	0.01			
Nottingham	29.89	50	S SW	4	bc	30.11	+26	43	40	-5	SW	3	bc	56	41	0.07			
†Ardrossan	29.55	46	W	6	bc	29.83	+33	39	39	-9	W	7	qf	50	37	0.14			
†Mullaghmore	29.64	47	W	8	og	29.95	+62	42	39	-6	WSW	4	ch	51	39	0.08			
Donaghadee	29.66	46	WSW	7	bc	29.94	+53	38	37	-14	WSW	4	bc	54	38	0.06			
Parsonstown	29.83	47	SW	2	c	30.10	+54	40	37	-13	SW	1	bc	53	39	0.07			
Barrow-in-Furness	29.73	47	SW	7	bc	29.95	+35	44	40	-3	SW	6	bc	50	42	0.04			
†Holyhead	29.83	49	WSW	4	c	30.06	+41	45	41	-5	W	4	bc	51	44	0.09			
Liverpool (Bidston)	29.78	49	WSW	6	0	30.03	+32	45	42	-9	WSW	6	bc	50	44	-			
†Valencia	29.91	50	WSW	5	0	30.13	+47	40	38	-13	W	0	bc	54	38	-			
Roche's Point	29.93	49	W	5	bc	30.16	+44	43	40	-9	WSW	2	bc	53	41	-			
Pembroke	29.94	49	WSW	5	m	30.15	+33	47	46	-3	W	4	c	51	47	0.06			
†Scilly	30.07	53	WSW	6	c	30.22	+24	51	50	-2	WSW	5	c	54	49	0.05			
Prawle Point	30.11	50	SW	5	0	30.24	+19	49	49	0	WSW	3	0	52	47	0.03			
Hurst Castle	30.08	48	W	7	md	30.22	+13	47	46	-1	W	4	bc	49	46	0.02			
†Dover	30.09	48	SW	6	bc	30.19	+06	48	48	+3	W	4	op	48	45	0.12			
†London	30.03	51	SW	5	0	30.18	+11	50	48	+3	SSW	4	c	52	46	0.10			
Oxford	30.08	52	SW	4	bc	30.15	+17	48	46	+1	WSW	4	bc	55	47	0.01			
Cambridge	29.94	52	SW	4	0	30.13	+18	49	47	+3	WSW	1	0	55	45	-			
†Yarmouth	29.92	51	SW	5	qo	30.08	+10	48	47	+4	WSW	3	c	51	43	-			
The Helder																			
Cape Gris Nez	30.12	46	SW	7	0	30.21	+03	47	47	+5	WSW	7	bc	48	?	0.04			
†Jersey	30.23	48	SW	2	mog	30.32	+11	50	50	+5	SW	5	mp	51	44	0.08			
Brest	30.21	51	SW	4	1	30.32	+17	51	50	+1	SW	5	f	52	46	0.04			
Lorient	30.22	51	WSW	5	0	30.32	+13	50	49	+2	SW	5	0	52	45	0.04			
†Rochefort	30.36	50	S SW	4	bc	30.43	+09	43	43	-1	S	5	0	55	37	-			
Biarritz	30.43	52	NE	1	bc	30.52	+13	48	44	-2	SE	1	bc	55	43	-			
Corunna																			
Brussels						30.24	00	48	47	+1	SW	7	bc	52	?	-			
Charleville	30.38	45	W	1	bc	30.36	+25	41	40	+13	SW	1	bc	54	28	0.04			
Paris	30.34	46	SSW	3	bc	30.41	+08	46	45	+10	SW	3	0			-			
Lyons	30.48	47	WSW	1	bc	30.60	+16	34	33	0	SSE	1	bc	52	33	-			
Toulon																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.46	43	SW	7	0	28.69	+29	38	36	-8	WSW	5	0	47	37	0.89			

## HIGH LEVEL STATION.

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

Hawes Junction	28.46	43	SW	7	0	28.69	+29	38	36	-8	W	5	0	47	37	0.89
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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 ...	29.19	45	44	SW	9	1	Valencia ...	29.84	52	47	WSW	6	omg	6
Sumburgh Head	28.89	45	42	WSW	5	0	Scilly ...	30.03	54	54	SW	8	0	6
Stornoway ...	29.02	45	43	SW	6	1	Dover ..	30.09	46	45	SW	6	cd	4
Aberdeen ...	29.20	50	44	SW	8	5	London ...	30.01	51	49	SW	6	og	*
Shields ...	29.49	54	50	WSW	8	2	Yarmouth ...	29.91	50	48	SW	6	bcg	4
Ardrossan ...	29.42	47	43	WSW	7	5	Jersey ...	30.20	49	48	SW	5	c	4
Mullaghmore ...	29.51	50	46	WSW	8	cg	Rochefort ...	30.37	52	50	SSW	4	m	2
Holyhead ...	29.72	51	50	SW	6	c								

Pressure is decreasing in the SE. and E., but is increasing elsewhere, and the depression in the NW. is moving away. Gales are still reported from Scilly, Mullaghmore and Aberdeen.

## EXPLANATION OF COLUMNS.

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

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

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

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





# DAILY WEATHER REPORT

FOR

WEDNESDAY 15<sup>TH</sup> FEBRUARY

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



*Printed by Dainesfield, 116, St. Vincent St. London.*



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 15<sup>TH</sup> FEBRUARY 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

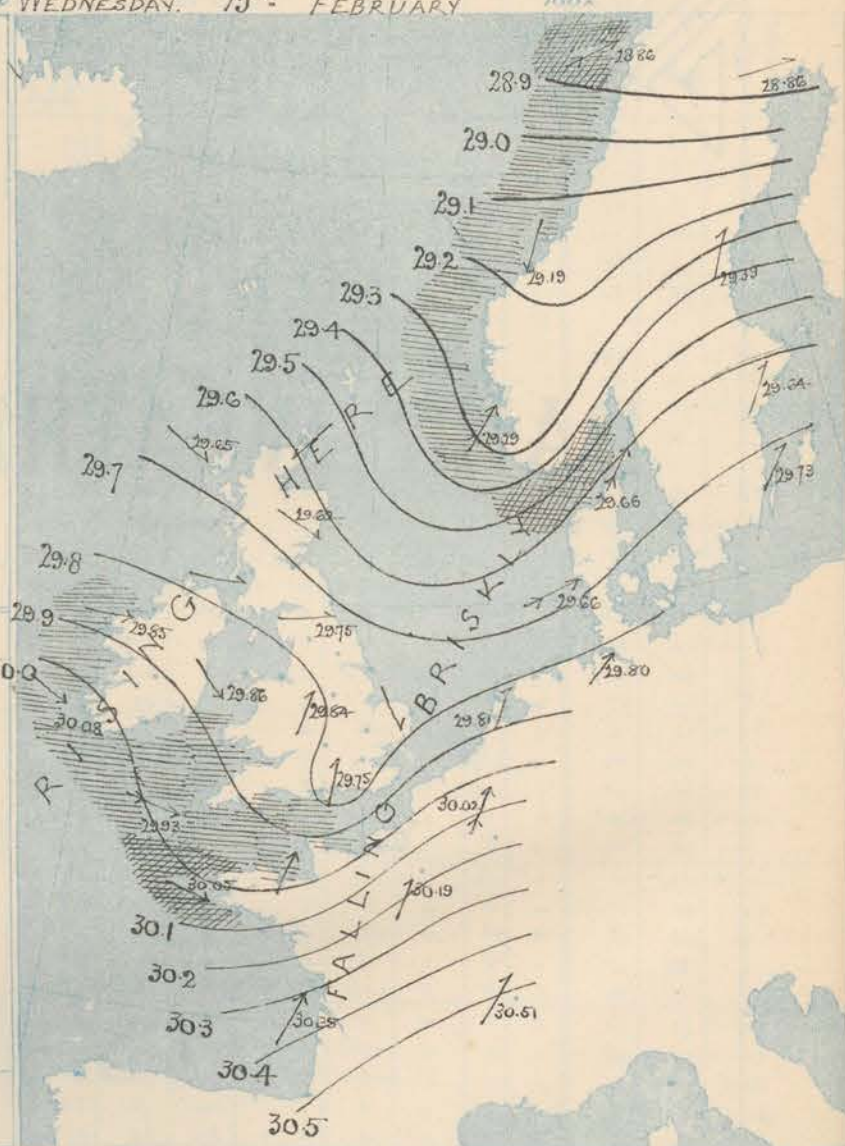
shown by shading round the coast, thus — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February.

Stations.	Mean Readings ins.
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greencastle	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt.	29.922
Plymouth	29.993
LONDON	29.983
Varmouth	29.974

\* 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.

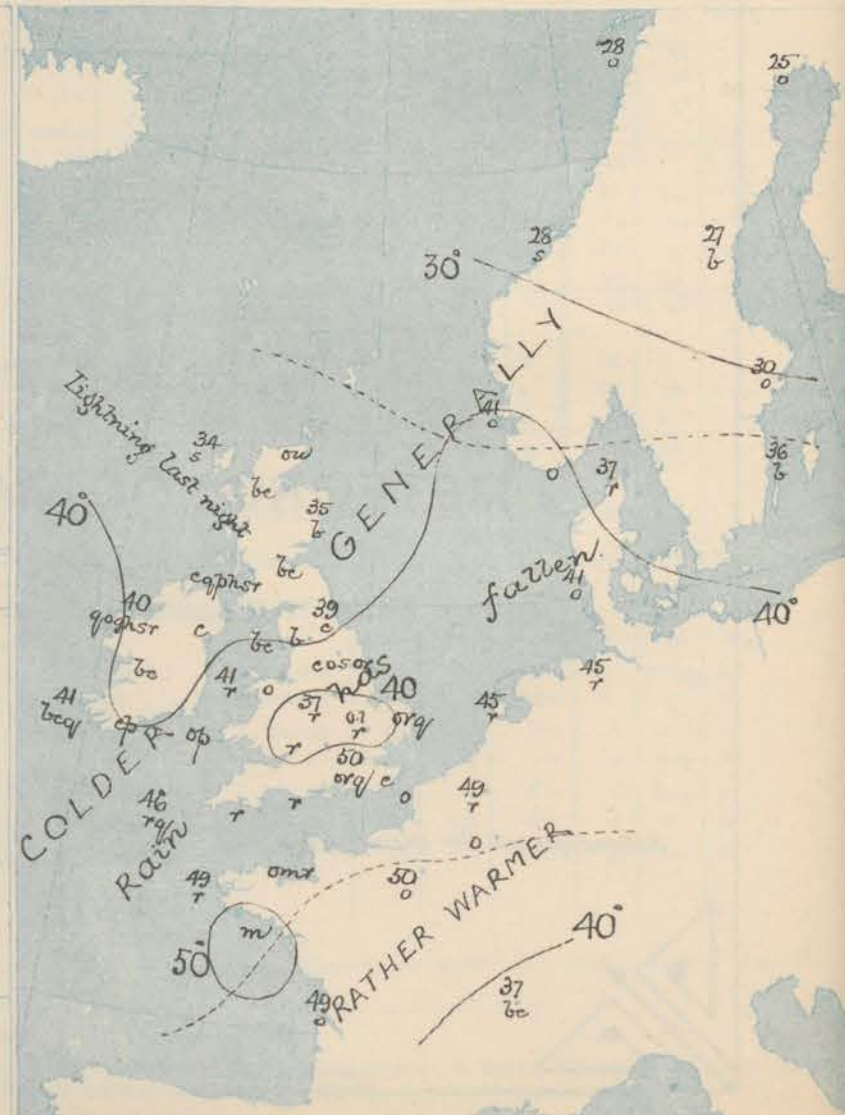
## MEANS\* OF TEMPERATURE

AND RAINFALL.

for the month of February.

Stations	Temp	Rain-fall
	°	ins.
Samburgh Head	38.5	2.46
Sarnoway	39.4	4.31
Aberdeen	39.1	2.40
Shields	39.3	1.61
York	39.7	1.75
Mallaghmore	41.7	?
Holyhead	42.5	2.87
Paranstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.78
LONDON	41.2	1.58
Varmouth	39.5	2.05

\* 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 15<sup>th</sup> FEB<sup>y</sup> 1882 at 8 a.m

Last night at 6 o'clock a large depression was advancing on our NW. coast, occasioning a rapid fall of the barometer over Scotland, and a strong S<sup>W</sup> gale at Stornoway. This depression accompanied by several smaller and subsidiary ones has passed across us during the night, and a rapid recovery of pressure is reported from the N and W districts, though over France, our East coast and the eastern shores of the North Sea the mercury still falls. The wind remains S<sup>W</sup> over France, the Channel, and extreme SE. of England, as well as over Denmark and Norway, but elsewhere it has veered to W. and NW. It is strong in Ireland and strong to a gale in the Channel and the south of Scandinavia, but is moderate or light elsewhere. The weather is very unsettled, it is fine in the E. of Scotland and some parts of Ireland, but is dull elsewhere, with rain in very many places and hail, sleet or snow in the NW. Showers have occurred at all our stations. Temperature has fallen fast and ranges from 50° in London to 33° at Wick. During yesterday the thermometer rose to 57° in London, 56° at Hurst Castle and 55° at Oxford and Cambridge. The sea is rough in the Channel and off the west of Ireland, and very rough off the coasts of Norway.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

16<sup>th</sup> FEBRUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NW <sup>ly</sup> and W <sup>ly</sup> winds, strong, backing, very unsettled, showers of hail, sleet, and rain.	6 SCOTLAND WEST	W <sup>ly</sup> winds, backing, strong, squally; showers of hail and rain.
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	-----D°-----D°-----D°-----
3 ENGLAND N.E.	NW <sup>ly</sup> and W <sup>ly</sup> winds, strong; cold showers then fair.	8 ENGLAND S.W.	NW <sup>ly</sup> backing to SW <sup>ly</sup> strong winds, and gales, showery.
4 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	W <sup>ly</sup> to NW <sup>ly</sup> winds, backing, strong and squally; very unsettled, cold showers then temporarily fair.
5 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	NW <sup>ly</sup> winds, backing, strong and squally; showery to fair. Much colder tonight.	WARNINGS	The S. cone is flying on all coasts.



# METEOROLOGICAL OBSERVATIONS FOR

15<sup>th</sup> FEB

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 8).	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 ...	28.81	24	W	4	b	28.86	+ .15	25	24	- 8	W	4	a	*	34	23	-	
Hernösand ...	29.29	34	W	8	b	29.39	+ .37	27	23	- 8	SW	2	b	*	43	?	-	
Stockholm ...	29.43	37	W	6	bc	29.62	+ .36	30	28	- 14	SW	2	o	*	45	?	-	
Wisby ...	29.61	36	W	6	o	29.73	+ .18	36	34	- 5	WSW	2	b	*	43	34	0.04	
Bodö ...	28.66	29	WSW	9	o	28.86	+ .26	28	26	- 7	WSW	9	o	*	?	25	-	
Christiansund ...	29.38	29	W	9	s	29.19	+ .07	28	28	- 5	NNE	1	s	5	34	19	-	
†Skudesnaes ...	29.68	35	WNW	2	b	29.29	- .20	41	37	0	SW	8	o	6	41	34	-	
Oxö (Xiansund) ...	29.64	39	WSW	9	bc	29.41	- .14	41	41	+ 2	SSW	8	o	5	41	34	0.24	
Skagen (The Skaw) ...	29.66	41	WSW	8	b	29.66	+ .06	37	35	- 3	SW	9	a	8	45	34	0.08	
Fanö ...	30.02	39	W	6	b	29.66	- .20	41	40	0	WSW	6	o	*	45	39	0.24	
Cuxhaven ...	29.94	?	WSW	6	n	29.80	- .11	45	45	+ 1	SW	5	a	*	45	32	0.36	
†Sumburgh Head ...																		
†Stornoway ...	29.50	40	SSW	9	a	29.65	+ .15	34	33	- 3	WNW	2	s	3	43	32	0.38	
Wick ...	29.67	39	S	2	o	29.65	+ .13	33	33	- 3	NE	3	om	4	42	33	0.10	
Nairn ...	29.66	40	W	3	o	29.64	+ .06	34	31	- 3	W	1	bc	1	42	34	0.12	
†Aberdeen ...	29.79	40	WSW	3	o	29.62	0.00	35	32	- 3	WNW	4	b	2	44	33	0.03	
Leith ...	29.84	42	W	5	o	29.72	- .03	35	34	- 4	W	1	bc	*	45	33	0.21	
†Shields ...	30.01	44	WSW	4	bc	29.75	- .11	39	38	- 4	W	3	c	2	45	38	0.02	
Spurn Head ...	30.12	52	SW	4	c	29.77	- .23	41	40	- 3	W	3	om	3	47	40	0.06	
York ...	30.11	43	SW	1	b	29.78	- .21	41	39	- 3	W	1	c	*	50	40	0.02	
Nottingham ...	30.14	42	SW	2	b	29.84	- .27	39	37	- 6	SSW	3	a	*	53	37	0.47	
†Ardrossan ...	29.82	44	S	5	om	29.77	- .06	37	37	- 2	W	4	ngls	3	46	35	0.11	
†Mullaghmore ...	29.83	44	WSW	7	ogq	29.85	- .10	40	38	- 2	W	6	ghw	5	48	37	0.20	
Donaghadee ...	29.88	45	SW	7	c	29.81	- .13	36	35	- 2	WSW	5	c	3	48	35	0.02	
Parsonstown ...	29.97	47	SSW	3	o	29.95	- .13	37	36	- 3	SW	1	bc	*	50	35	0.17	
Barrow-in-Furness ...	30.05	43	SW	4	bc	29.79	- .16	41	39	- 3	WNW	3	bc	4	49	39	0.04	
†Holyhead ...	30.03	47	SW	4	o	29.86	- .20	41	39	- 4	WNW	5	a	4	50	40	0.06	
Liverpool (Bidston) ...	30.07	45	SSW	2	bc	29.83	- .20	42	41	- 3	W	3	o	3	48	39	0.13	
†Valencia ...	30.03	47	WSW	5	omf	30.08	- .05	41	37	+ 1	WNW	6	bcq	6	53	38	0.35	
Roches's Point ...	30.04	48	WSW	4	c	30.04	- .12	40	38	- 3	WNW	6	pc	4	52	36	0.36	
Pembroke ...	30.11	48	SW	4	c	29.89	- .26	42	41	- 5	WNW	2	op	2	50	40	0.07	
†Scilly ...	30.20	51	SW	5	of	29.93	- .29	46	45	- 5	WNW	8	ng	6	55	45	0.25	
Prawle Point ...	30.24	49	SW	3	f	29.91	- .33	44	44	- 5	WSW	5	a	5	52	43	0.28	
Hurst Castle ...	30.26	48	WSW	3	ng	29.82	- .40	48	48	+ 1	WNW	7	a	5	56	46	0.17	
†Dover ...	30.28	47	W	2	bc	29.87	- .32	48	47	0	SW	6	c	5	51	46	0.06	
†London ...	30.24	50	WSW	3	c	29.75	- .43	50	49	0	SSW	7	ong	*	57	48	0.09	
Oxford ...	30.16	49	SW	4	o	29.82	- .33	37	37	- 11	WNW	4	a	*	55	37	0.41	
Cambridge ...	30.21	43	Z	0	b	29.77	- .36	38	38	- 11	H	1	a	*	55	38	0.67	
†Yarmouth ...	30.22	47	WSW	2	b	29.77	- .31	40	39	- 8	WNW	2	ong	3	51	39	0.32	
The Helder ...	30.22	42	WSW	1	c	29.81		45	44		SW	3	a	3	45	37	0.28	
Cape Gris Nez ...	30.18	45	SW	4	f	29.95	- .26	46	46	- 1	SW	7	o	4	48	43	0.16	
†Jersey ...	30.35	50	WSW	4	o	29.97	- .35	49	48	- 1	SW	7	om	6	51	46	0.14	
Brest ...	30.36	56	SW	4	m	30.05	- .27	49	48	- 2	WNW	7	a	7	50	46	0.08	
Lorient ...	29.34	51	WSW	5	o	30.09	- .23	51	50	+ 1	WSW	7	m	4	54	46	0.04	
†Rochefort ...	30.50	50	SSW	5	o	30.35	- .08	49	49	+ 6	SW	5	o	2	54	37	-	
Biarritz ...																		
Corunna ...	*	*	*	*	*			*							*	*	*	
Brussels ...	*	*	*	*	*	30.02	- .22	49	48	+ 1	SSW	9	a	*	53	47	0.08	
Charleville ...	230.39	48	W	1	o	230.19	- .17	46	45	+ 5	W	4	o	*	54	39	0.20	
Paris ...	30.38	52	SW	3	o	30.19	- .22	50	48	+ 4	SSW	3	o	*	*	*	-	
Lyons ...	30.56	50	WNW	1	b	30.51	- .09	37	36	+ 3	SW	1	bc	*	56	?	-	
Toulon ...																		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.81	34	S	1	b	28.84	- .15	34	33	- 4	WNW	2	b	*	41	34	0.30	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.51	39	37	W	7	ohg	Valencia ...	30.05	52	48	SW	7	omg	6
Sumburgh Head							Scilly ...	30.24	55	53	WSW	4	cj	7
Stornoway ...	29.72	38	37	W	4	s	Dover ..	30.27	48	48	W	3	b	3
Aberdeen ...	29.79	43	37	W	6	b	London ...	30.25	55	53	WSW	3	b	*
Shields ...	30.01	44	41	W	6	b	Yarmouth ...	30.17	51	46	WNW	4	bc	3
Ardrossan ...	29.96	46	45	W	4	b	Jersey ...	30.38	50	50	W	3	o	3
Mullaghmore ...	29.92	48	42	SSW	6	c	Rochefort ...	30.50	51	50	SSW	5	o	2
Holyhead ...	30.13	48	45	SW	4	b								

A fresh fall of the barometer, accompanied by a backing and increase of wind, has commenced in the Ir., but elsewhere the mercury still rises with W winds and, in most places, fine weather. In N. Scotland snow is reported, and temperature at Wick (36°) is nearly 20° lower than in London.

## EXPLANATION OF COLUMNS.

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

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

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

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





# DAILY WEATHER REPORT

F O R

THURSDAY, 16<sup>TH</sup> FEBRUARY.

1882

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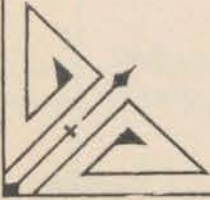
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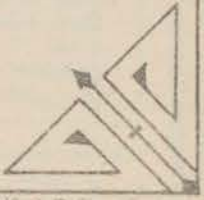
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ROBERT H. SCOTT

(SECRETARY.)



*Printed by Dwyer & Co. 116, 22, Bedford St. London.*



# WEATHER CHARTS



for 8 a.m. on *Thursday 16 FEBRUARY.* 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.

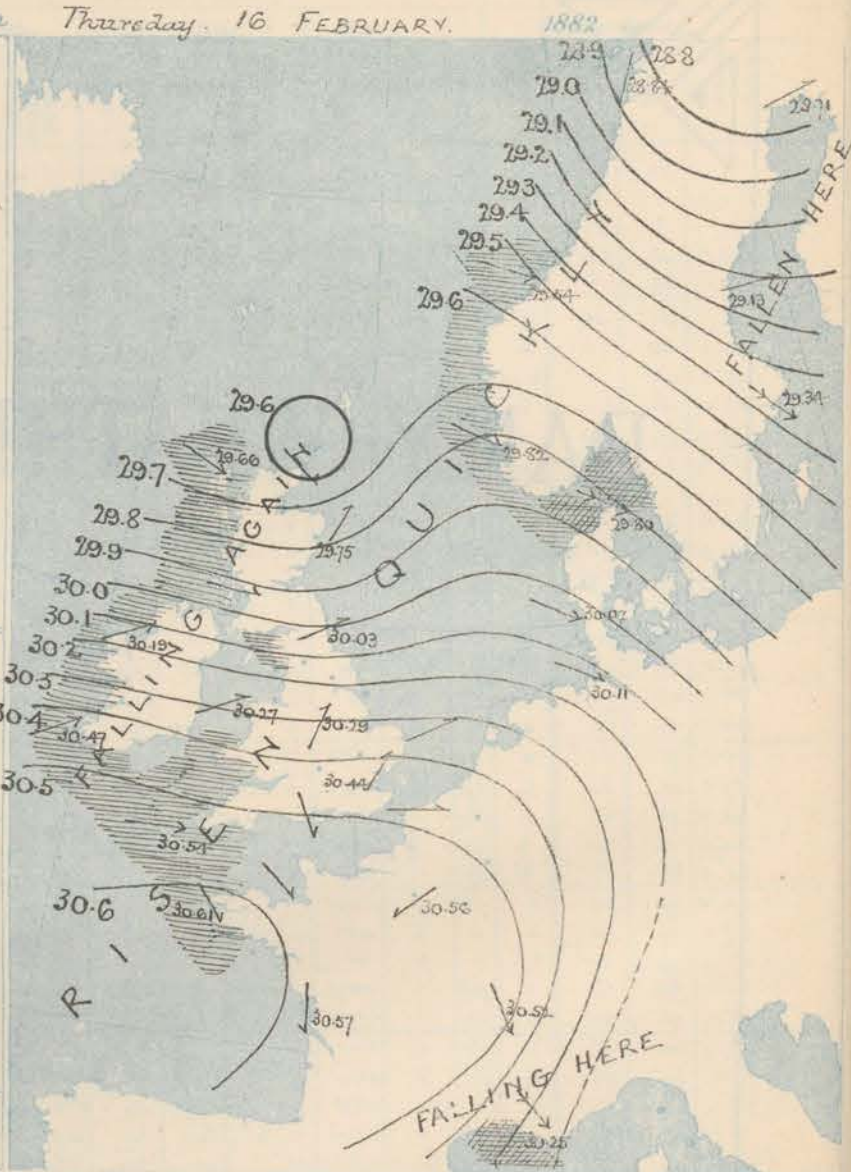
**Sea Disturbance;** where considerable, is shown by shading round the coast, thus:  = Rough;  = High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February.

Stations	Mean Readings
Saïrn	29.774
Aberdeen	29.799
Leith	29.847
Scarborough	29.908
Ardrossan	29.857
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt.	29.922
Plymouth	29.993
LONDON	29.963
Yarmouth	29.974

\* 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.

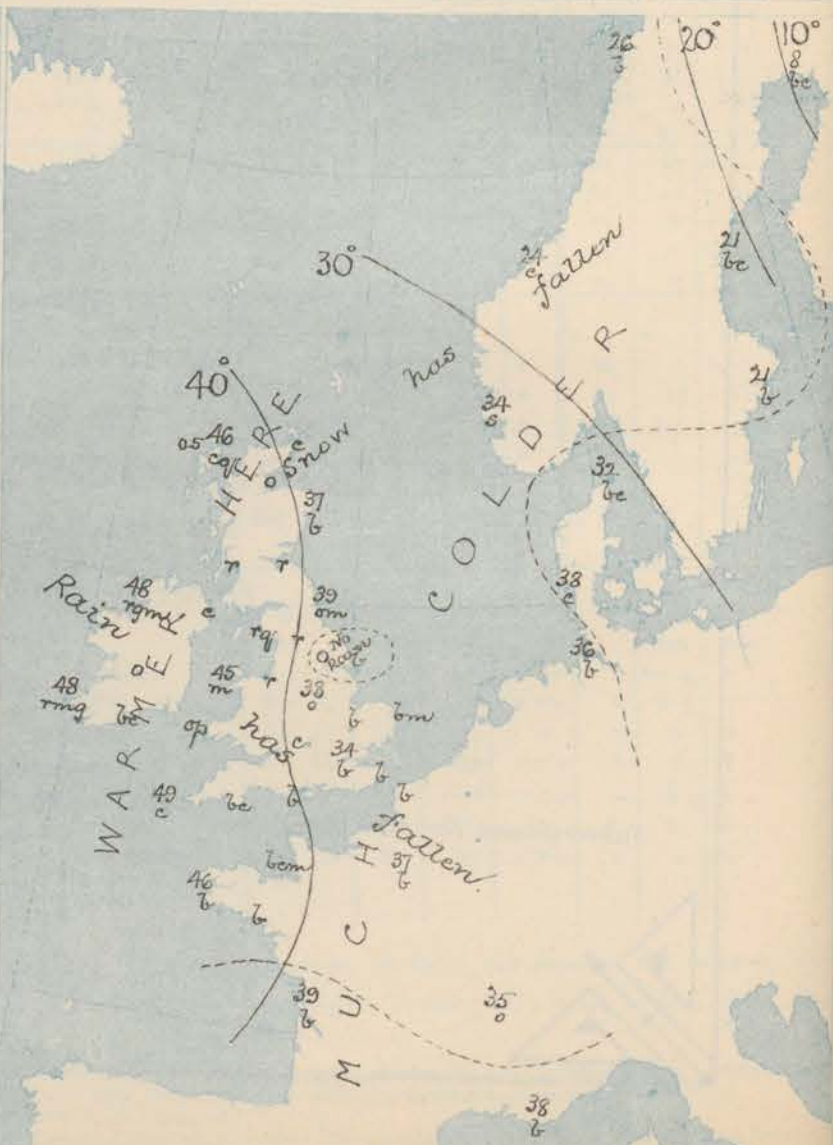
**Rainfall.** A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of February

Stations	Temp	Rain-fall
Sandwich Head	38.5	2.40
Stornoway	39.4	4.31
Aberdeen	39.1	2.20
Shields	39.3	1.61
York	39.7	1.75
Mullingmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

\* 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 16<sup>th</sup> FEB<sup>ry</sup> 1882 at 8 a m

During yesterday the barometer rose quickly over the whole of Western Europe as the depressions noticed in the morning moved E<sup>ast</sup> but during the night a fresh and rapid fall occurred in the N. and a small depression passed over Scotland. In the south and over Scandinavia, however, the barometer continued to rise quickly, so that this morning's chart shows an area of high pressure lying over the N.W. of France, with a small depression near Wick, and a larger one in the extreme N. of Norway. N<sup>or</sup> winds prevail over France, but in nearly all other places the wind is W<sup>est</sup>, blowing strongly or fresh except in the E. and SE. of England. Fine bright weather prevails over the east and south-east of England, France, North Germany and Denmark, but elsewhere the sky is overcast, with rain in many places. Showers have occurred in all parts of the country and snow in N. Scotland. Temperature has fallen fast in the SE. and over France, risen quickly in the W., and readings range from 40° at Seilly to 33° at Yarmouth, 35° at Lyons and 8° at Haparanda.

The sea is rough on our SW. W. and N. coasts, and very rough on the E. shores of the North Sea.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

17<sup>th</sup> FEBRUARY

(ISSUED AT 11 a m on previous day)

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1   SCOTLAND NORTH	NW <sup>ly</sup> winds, strong and squally; cloudy, cold showers.
2   SCOTLAND EAST	-----D°-----D°-----D°-----
3   ENGLAND NE	SW <sup>ly</sup> to NW <sup>ly</sup> winds, fresh and squally; dull, cold showers.
4   ENGLAND EAST	Same as N°5
5   MIDLAND COUNTIES	SW <sup>ly</sup> and NW <sup>ly</sup> winds, moderate; cloudy, cold showers
6   ENGLAND SOUTH	W <sup>ly</sup> winds, moderate and fresh; fine greater part of day but becoming dull and showery.

6   SCOTLAND WEST	SW <sup>ly</sup> and NW <sup>ly</sup> strong winds; squally, cold showers.
7   ENGLAND N.W.	-----D°-----D°-----D°-----
8   ENGLAND S.W.	Strong W <sup>ly</sup> winds; cloudy, showery
9   IRELAND NORTH	Strong W <sup>ly</sup> (S.W.-N.W.) winds; squally, showery.
10   IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The south coast still lies in districts N°s 6. and 5 to 10.



# METEOROLOGICAL OBSERVATIONS FOR

16<sup>th</sup> FEB<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.	Sen. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda ...	28.90	16	W	2	6	28.71	- 15	8	7	- 17	W.S.W.	2	b	*	27	3	-		
Hernösand ...	29.02	25	N.W.	6	0	29.13	- 26	21	19	- 6	W	4	b	*	36	2	0.12		
Stockholm ...	29.32	34	S	4	5	29.34	- 30	21	18	- 9	N.W.	8	b	*	37	2	0.16		
Wisby ...																			
Bodö ...	28.79	26	N.S.W.	8	8	28.84	- 02	36	24	- 2	N.E.	2	b	1	28	23	-		
Christiansund ...	29.39	24	N.W.	9	8	29.54	+ 35	24	22	- 4	W.N.W.	7	c	6	25	10	0.32		
†Skudesnaes ...	29.73	30	N.W.	9	0	29.82	+ 33	34	31	- 7	W.N.W.	4	s	5	41	30	-		
Öxö (Xiansund) ...	29.56	31	W	9	6	29.82	+ 41	31	30	- 10	N.S.W.	4	b	3	41	28	-		
Skagen (The Skaw) ...	29.48	32	N.W.	9	6	29.80	+ 14	32	30	- 5	W.N.W.	8	b	9	41	30	-		
Fanö ...	29.58	35	N.W.	6	6	29.07	+ 41	38	34	- 3	W.N.W.	6	c	*	41	34	-		
Cuxhaven ...	29.69	?	W.N.W.	4	c	29.11	+ 31	36	35	- 9	W.N.W.	4	b	*	43	30	0.29		
†Sumburgh Head ...																			
†Stornoway ...	30.00	34	S.E.	4	b	29.66	+ 01	46	46	+ 12	W.N.W.	6	c	5	46	27	0.46		
Wick ...	30.03	31	N.W.	1	6	29.57	- 08	39	38	+ 6	N.W.	4	c	4	39	24	0.10		
Nairn ...	30.04	27	Z	0	6	29.72	+ 08	37	36	+ 3	W.S.W.	2	0	2	37	32	0.40		
†Aberdeen ...	30.03	35	N	3	6	29.75	+ 13	37	35	+ 2	S.W.	4	b	3	38	27	0.02		
Leith ...	30.06	37	W	1	b	29.89	+ 17	43	41	+ 8	W	8	R	*	44	33	0.01		
†Shields ...	29.99	39	N.W.	3	b	30.03	+ 28	39	38	0	W.S.W.	2	om	2	43	32	0.01		
Spurn Head ...	29.97	40	N.W.	4	b	30.23	+ 46	37	35	- 4	S.W.	5	b	4	43	35	-		
York ...	30.02	39	N.W.	2	b	30.19	+ 41	39	37	- 2	W.S.W.	4	0	*	47	30	-		
Nottingham ...	30.17	37	S.W.	2	b	30.29	+ 45	38	37	+ 1	S.W.	3	0	*	42	30	0.01		
†Ardrossan ...	30.08	37	N.E.	1	b	29.97	+ 20	48	48	+ 11	W	4	R	4	49	34	0.20		
†Mullaghmore ...	30.17	42	W.N.W.	6	c	30.19	+ 34	48	48	+ 8	W.S.W.	6	ngm	6	49	37	0.07		
Donaghadee ...	30.15	37	N.W.	4	b	30.11	+ 30	47	46	+ 11	W.N.W.	6	c	4	47	35	0.02		
Parsonstown ...	30.31	39	W.N.W.	1	b	30.32	+ 38	47	46	+ 10	S.W.	2	0	*	48	34	0.05		
Barrow-in-Furness ...	30.10	38	N.W.	3	b	30.14	+ 35	43	43	+ 2	S.W.	5	ng	5	45	39	0.12		
†Holyhead ...	30.16	43	N.W.	6	b	30.27	+ 41	45	45	+ 4	W.S.W.	4	m	4	45	40	0.06		
Liverpool (Bidston) ...	30.12	40	W.N.W.	6	b	30.22	+ 39	43	42	+ 1	W.S.W.	5	R	4	43	37	0.03		
†Valencia ...	30.40	45	W.N.W.	5	c	30.47	+ 39	48	47	+ 7	W.S.W.	5	ng	5	50	38	0.07		
Roche's Point ...	30.40	40	W.N.W.	4	b	30.44	+ 40	48	46	+ 8	W	3	b	4	52	39	0.18		
Pembroke ...	30.26	43	N.W.	4	b	30.40	+ 51	47	46	+ 5	W.S.W.	5	op	5	47	39	0.17		
†Scilly ...	30.33	46	N.W.	9	b	30.54	+ 61	49	48	+ 3	W	5	c	5	49	42	0.11		
Prawle Point ...	30.29	38	W.N.W.	4	b	30.53	+ 62	40	40	- 4	W	2	b	3	46	36	0.26		
Hurst Castle ...	30.17	40	N.W.	6	b	30.49	+ 67	40	38	- 8	N.W.	3	b	4	48	35	0.16		
†Dover ...	30.01	41	N.W.	4	om	30.45	+ 58	35	34	- 13	W	3	b	2	49	34	0.14		
†London ...	30.10	41	N	6	b	30.44	+ 69	34	33	- 16	S.W.	1	b	*	51	31	0.30		
Oxford ...	30.22	37	W	4	b	30.41	+ 59	36	35	- 1	S.W.	2	0	*	42	33	0.04		
Cambridge ...	29.95	40	W.N.W.	2	c	30.38	+ 61	38	33	- 5	S.W.	1	b	*	42	31	0.24		
†Yarmouth ...	29.95	40	N.W.	2	c	30.32	+ 55	38	32	- 7	W.S.W.	3	bm	4	41	31	0.33		
The Helder ...																			
Cape Gris Nez ...	30.00	42	N.W.	4	0	30.43	+ 48	38	37	- 8	W	4	b	2	50	37	0.20		
†Jersey ...	30.28	43	N.W.	6	b	30.60	+ 63	42	39	- 7	N.W.	2	bm	3	49	40	0.13		
Brest ...	30.40	46	N.W.	7	b	30.61	+ 56	46	43	- 3	N.W.	4	b	5	52	41	0.16		
Lorient ...	30.33	45	N.W.	8	b	30.56	+ 47	43	40	- 8	N.W.	3	b	3	52	39	0.12		
†Rochefort ...	30.33	47	N.W.	8	c	30.57	+ 22	39	39	- 10	N	4	b	2	55	34	-		
†Biarritz ...	30.49	56	N.W.	7	R	30.61	+ 14	44	41	- 11	S	1	b	5	57	39	0.20		
Corunna ...	*	*	*	*	*			*	*						*	*	*		
†Brussels ...	*	*	*	*	*	30.44	+ 42	37	36	- 12	W	1	0	*	53	36	0.47		
Charleville ...	29.96	44	W.S.W.	4	R	30.40	+ 21	33	32	- 13	N.W.	1	0	*	54	32	0.20		
Paris ...	29.95	46	S.W.	5	0	30.56	+ 37	37	35	- 13	N.E.	3	6	*	*	*	0.35		
Lyons ...	30.18	47	S	8	0	30.52	+ 01	36	33	- 2	N.W.	7	0	*	51	35	0.08		
Toulon ...	30.48	48	W.S.W.	5	0	30.25		38	34		N.W.	9	b	7	52	37	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.78	32	N.W.	3	S	28.87	+ 33	36	36	+ 2	W.S.W.	4	R	*	38	27	0.07		

## HIGH LEVEL STATION.

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

Hawes Junction	28.78	32	N.W.	3	3		28.87	+ 33	36	36	+ 2	W.S.W.	4	R	*	38	27	0.07
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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 ...	29.51	33	28	nn	8	c	6	Valencia ...	30.30	47	42	nnw	6	b, g, p	6
Sumburgh Head								Scilly ...	30.21	47	42	nn	9	c	6
Stornoway ...	29.70	34	34	ese	5	0	5	Dover ..	29.85	41	40	nne	5	b, p	4
Aberdeen ...	29.87	36	34	n	4	8	2	London ...	29.95	41	39	nn	3	o, 1	*
Shields ...	29.86	43	40	nn	4	e	2	Yarmouth ...	29.84	41	40	nn	3	0	3
Ardrossan ...	29.92	39	39	nsw	3	b	2	Jersey ...	30.04	42	41	wnw	8	0	6
Mullaghmore ...	30.04	43	40	wnn	7	b, y	6	Rochefort ...	30.30	54	52	wsn	9	1	3
Holyhead ...	30.02	43	40	nn	6	b, c	5								

Pressure is increasing at nearly all stations and the depressions noticed this morning are passing away. The wind is N<sup>ly</sup> and N.W<sup>ly</sup> except in the extreme N. where a fresh E<sup>ly</sup> wind has sprung up. The weather, though fine in a few places, is generally showery.

## EXPLANATION OF COLUMNS.

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

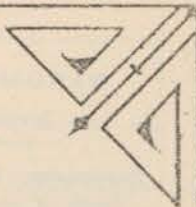

\* AN ASTERISK is inserted in all places for which information is not usually received.

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





# DAILY WEATHER REPORT

F O R

FRIDAY 17<sup>TH</sup> FEBRUARY.

1882


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ISSUED BY THE  
METEOROLOGICAL OFFICE

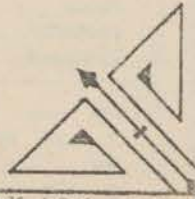
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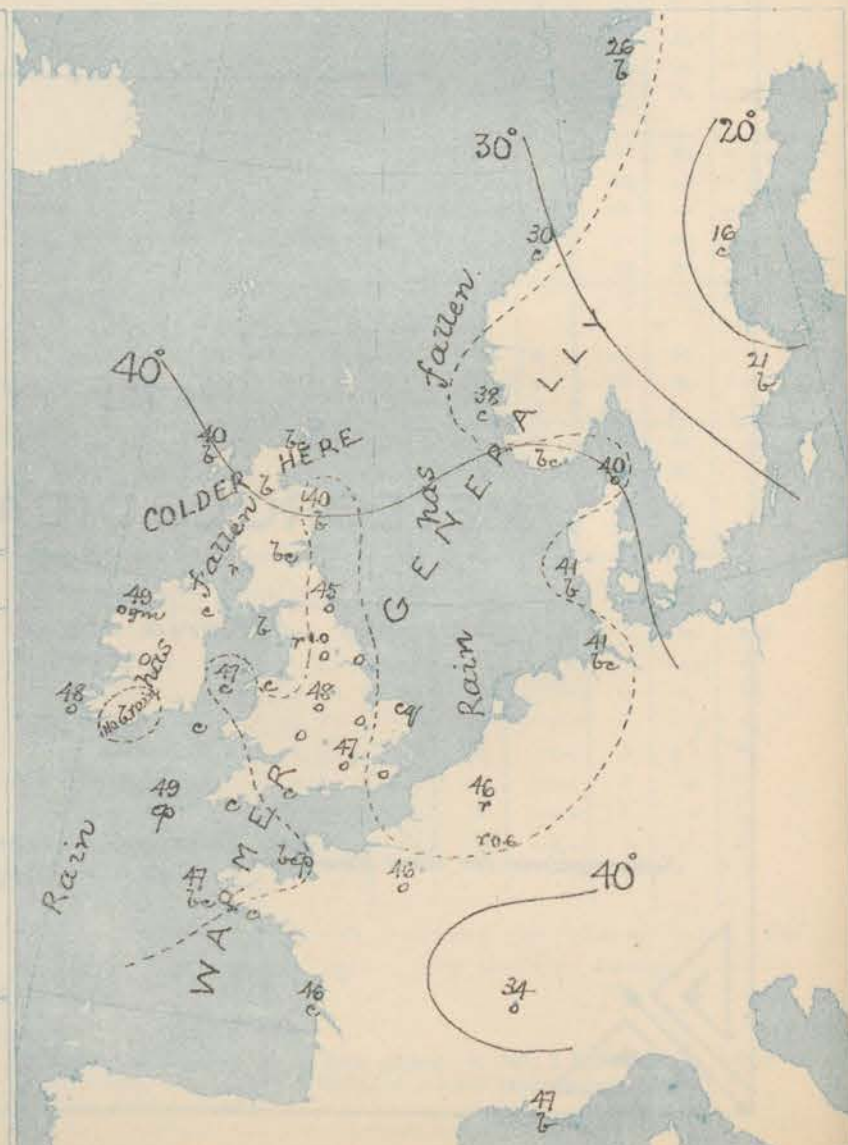
ROBERT H. SCOTT  
(SECRETARY.)



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



## 1882





# REMARKS

For FRIDAY 17<sup>th</sup> FEBRUARY 1882 at 8 a.m.

The small depression which yesterday lay near Wick has since passed across the North Sea, and during its passage has become very much deeper, so that <sup>at</sup> the Scaw, near which station the centre now lies the barometer marks 29.09 ins. In the N of these Islands there has been a comparatively brisk recovery, but pressure over the greater part of the Kingdom is very unsteady, and in the NW the barometer is apparently falling again. The wind is W<sup>ly</sup> in all places, and at many stations it still blows strongly. During yesterday afternoon or last evening moderate to fresh gales were experienced except in the SE. The weather is fine and bright in Scotland and at some stations on the eastern shore of the North Sea, but is cloudy or dull generally with showers in the SW. Temperature has fallen in the extreme N. risen elsewhere - very quickly over the Central and Eastern parts of England, and readings range from 49° at Scilly to 36° at Wick.

The sea is rough on our south and west coasts, and on the E. shores of the North Sea.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

18<sup>th</sup> FEBRUARY

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Wind backing to SW. and increasing; sky becoming overcast, with rain squally, 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	Strong W <sup>ly</sup> winds, showery, mild, then wind veering, colder and moderately fine.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Wind backing and veering between SW. and NW. strong and squally; showery.
7 ENGLAND N.W.	— D° — D° — D° —
8 ENGLAND S.W.	Same as N° 5.
9 IRELAND NORTH	Same as N°s 6 and 7.
10 IRELAND SOUTH	— D° —
WARNINGS	The S. cone is flying in districts N°s 0, 1, 2 and 6 to 10.



# METEOROLOGICAL OBSERVATIONS FOR

17<sup>th</sup> FEB<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.	Sun.	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).				Max.	Min.	
Haparanda																		
Hernösand	29.15	25	NW	6	b	29.21	+0.08	16	15	-5	2	2	c	*	*	28	?	-
Stockholm	29.39	22	WSW	6	b	29.16	-0.18	21	20	0	2	2	c	*	*	34	19	-
Wisby																		
Budö	29.01	26	E	2	b	29.16	+0.32	26	24	0	E	2	c	*	*	30	23	-
Christiansund	29.13	29	SE	4	c	29.31	-0.23	30	27	+6	W	4	c	*	*	20	12	0.20
†Skudesnaes	29.27	40	W	6	c	29.40	-0.42	38	35	+4	WNW	8	c	*	*	39	34	-
Oxö (Oxösund)	29.31	40	SW	6	c	29.18	-0.64	41	38	+10	W	4	c	*	*	?	30	0.16
Skagerrak (The Skaw)	29.32	39	WSW	7	2	29.09	-0.71	40	38	+8	WNW	8	0	7	?	30	0.16	
Faro	29.61	41	W	6	c	29.53	-0.54	41	39	+3	WNW	8	6	*	*	41	37	-
Cuxhaven	29.84	?	WSW	7	2	29.74	-0.37	41	41	+5	WNW	7	6	*	*	41	36	0.08
†Sumburgh Head																		
†Stornoway	29.70	41	WNW	7	c	29.81	+0.15	40	39	-6	WNW	4	6	4	4	47	37	0.24
Wick	29.54	40	NW	8	bcu	29.75	+0.18	36	35	-3	NW	5	6	4	4	46	34	0.10
Nairn	29.69	42	W	7	2	29.81	+0.09	38	36	+1	W	1	6	2	2	45	37	0.14
†Aberdeen	29.65	44	WNW	8	b	29.81	+0.06	40	37	+3	WNW	4	6	3	3	51	35	-
Leith	29.84	44	WNW	7	bc	29.90	+0.01	43	41	0	W	1	6	*	*	51	40	0.05
†Shields	29.87	49	WNW	7	c	29.96	-0.07	45	44	+6	W	2	0	4	4	51	39	-
Spurn Head	29.97	48	W	7	0	29.98	-0.25	47	45	+10	W	7	0	5	5	49	37	-
York	29.99	49	W	6	0	30.02	-0.17	48	45	+9	W	5	0	*	*	51	38	-
Nottingham	30.12	44	WSW	4	0	30.14	-0.15	48	45	+10	WSW	3	0	*	*	50	37	0.03
†Ardrossan	29.98	47	W	4	bc	29.99	+0.02	45	45	-3	W	3	1	2	2	49	42	0.27
†Mullaghmore	30.14	49	WSW	7	bcu	30.14	-0.05	49	48	+1	W	6	0	6	6	49	48	0.37
Donaghadee	30.08	48	WNW	7	0	30.07	-0.04	48	47	+1	WNW	6	0	4	4	52	46	0.11
Parsonstown	30.29	48	WNW	2	0	30.27	-0.06	47	46	0	W	1	0	*	*	51	45	0.04
Barrow-in-Furness	30.06	46	SW	6	2	30.07	-0.07	46	44	+3	W	7	6	6	6	47	41	0.25
†Holyhead	30.21	49	WSW	5	0	30.18	-0.09	47	45	+2	WSW	4	0	4	4	51	40	-
Liverpool (Biston)	30.10	48	WSW	7	0	30.10	-0.12	46	45	+3	WSW	6	0	5	5	49	43	0.04
†Va encia	30.41	48	W	5	bcu	30.38	-0.09	48	47	0	W	4	0	5	5	52	45	0.14
Roche's Point	30.37	50	WNW	5	c	30.38	-0.06	45	43	-3	W	4	6	4	4	53	42	-
Penbroke	30.32	48	W	5	c	30.32	-0.08	47	46	0	W	4	0	4	4	49	46	0.01
†Scilly	30.48	49	WNW	7	bcu	30.44	-0.10	49	48	0	WNW	6	0	5	5	51	46	0.04
Prawle Point	30.44	46	WSW	5	0	30.40	-0.13	46	45	+6	W	4	0	5	5	50	39	0.01
Hurst Castle	30.43	47	WNW	5	0	30.34	-0.15	46	45	+6	WNW	5	0	5	5	48	39	-
†Dover	30.26	46	W	4	0	30.22	-0.23	45	44	+10	W	4	0	3	3	47	34	0.04
London	30.26	48	W	3	0	30.25	-0.19	47	44	+13	WNW	5	0	*	*	51	34	-
Oxford	30.22	47	WSW	4	0	30.27	-0.14	46	44	+10	W	2	0	*	*	50	36	-
Cambridge	30.19	41	SW	2	0	30.19	-0.19	47	45	+14	WSW	2	0	*	*	50	31	-
†Yarmouth	30.08	46	W	6	bcu	30.07	-0.25	47	45	+14	W	6	0	3	3	47	33	0.07
The Helder																		
Cape Gris Nez																		
†Jersey	30.51	47	W	4	bcu	30.47	-0.13	46	45	+4	W	4	0	4	4	50	41	0.02
Brest	30.58	48	NW	3	bc	30.49	-0.12	47	44	+1	NW	4	0	2	2	52	45	0.04
Lorient	30.33	47	NW	4	c	30.47	-0.09	45	45	+2	WNW	4	0	2	2	48	39	-
†Rochefort	30.53	46	WNW	3	b	30.55	-0.02	46	45	+7	WSW	4	0	2	2	54	34	-
†Biarritz	30.61	48	N	5	b	30.62	0.00	37	35	-7	E	4	6	4	4	50	32	-
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	30.19	-0.25	46	45	+9	W	4	0	*	*	?	?	0.16
Charleville	?	41	W	1	0	?	?	?	?	?	WSW	4	0	*	*	45	32	0.55
Paris	30.49	47	SW	5	6	30.42	-0.14	46	45	+9	WSW	3	0	*	*	*	*	-
Lyons	30.58	35	N	3	bcu	30.53	+0.06	34	32	-1	N	1	0	*	*	40	30	-
Toulon	30.26	45	NW	5	6	30.36	+0.11	47	39	+9	N	1	6	2	2	50	?	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.76	43	WSW	5	2	28.74	-0.13	43	42	+7	WSW	5	0	*	*	43	35	1.96

## HIGH LEVEL STATION.

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

Hawes Junction	28.76	43	WSW	5	2	28.74	-0.13	43	42	+7	WSW	5	0	*	*	43	35	1.96
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.51	38	37	5	8	18	5	Valencia ...	30.44	32	50	W	5	cq	6
Sumburgh Head								Scilly ...	30.53	50	50	WNW	6	c	4
Stornoway ...	29.69	45	42	WNW	7	cq	7	Dover ..	30.35	46	44	W	5	cn	3
Aberdeen ...	29.68	47	42	WNW	6	G	3	London ...	30.32	47	45	WSW	2	om	*
Shields ...	29.89	51	49	WNW	7	C	4	Yarmouth ...	30.17	42	41	WSW	5	ng	3
Ardrossan ...	29.93	47	47	W	5	2	4	Jersey ...	30.56	43	47	WSW	3	c	3
Mullaghmore ...	30.15	48	48	WSW	5	od	6	Rochefort ...	30.17	50	48	WNW	3	bc	2
Holyhead ...	30.21	51	48	WSW	5	C	4								

The small depression which was shown off the N. of Scotland this morning is travelling E<sup>nd</sup> and at the same time growing deeper. The wind has freshened to a moderate gale from the NW<sup>nd</sup> on our N<sup>th</sup> and NE<sup>th</sup> coasts; elsewhere it has not changed much.

## 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

SATURDAY 18<sup>TH</sup> FEBRUARY

1882

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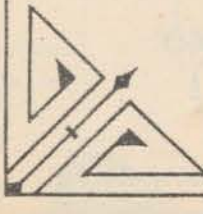
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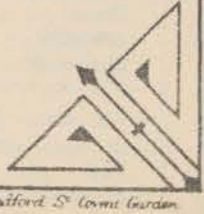
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on SATURDAY 18<sup>TH</sup> FEBRUARY 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.

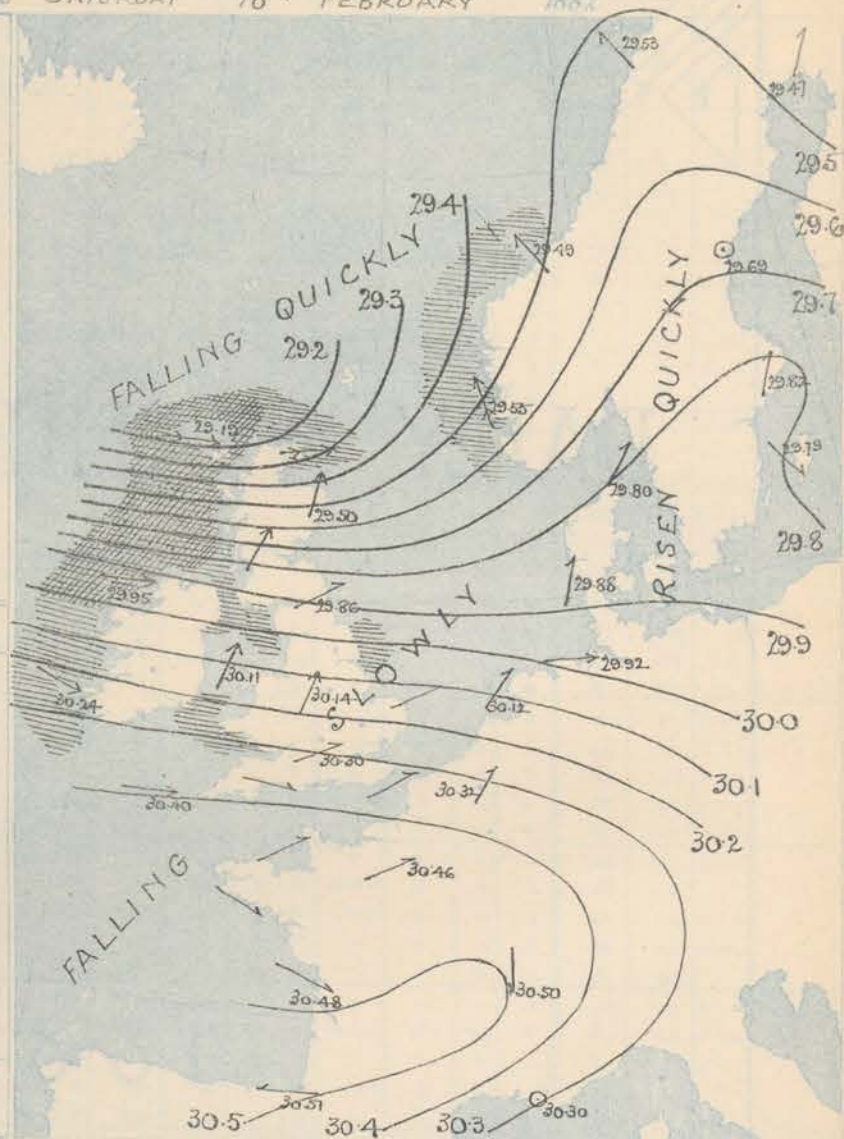
Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:  
 → forces above 10; → forces 8 to 10;  
 → forces 5 to 7; → forces 1 to 4;  
 ○ = dead calm.

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

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

Stations	Mean Readings Inch
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greencastle	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt.	29.922
Plymouth	29.993
LONDON	29.983
Yarmouth	29.974

\* These means are for the 10 years 1856-76. 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 February

Stations	Temp	Rain-fall Inch
Sandburgh Head	38.5	7.40
Sarnoway	39.4	4.31
Aberdeen	39.1	2.10
Shetlands	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.8	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

\* The mean Temperatures are those for the 18 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1876.





# REMARKS

for Saturday 18<sup>th</sup> FEB<sup>y</sup> 1882 at 8 a m

The weather is unsettled and the barometer very unsteady. A series of depressions seems to be advancing upon the N. coasts of Scotland the disturbance which at present exists near the Hebrides being large and important. The wind is W<sup>t</sup> in nearly all parts of these Islands and blows a violent gale at Stromway, while in all places except the S.E. of England, France and Denmark the wind is fresh or strong in force. Temperature has risen at nearly all stations the change in Scotland being considerable, and readings range from 51° at Valencia, Leith and Kairn to 41° at Wick. The maxima yesterday were very uniform varying between 55° at Roches Point and 49° on our north-west and north-east coasts. The weather is fine in parts of the East and south-east of England, but is cloudy or dull generally with rain at Mullaghmore and Stromway and in the west of Norway.

The sea is high at Stromway and Mullaghmore, rough in the west and north generally.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

19<sup>th</sup> FEBRUARY

(ISSUED AT 11 a m on previous day)

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	W <sup>ty</sup> to NW <sup>ty</sup> strong winds and gales; squally, 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 <sup>ty</sup> winds, veering towards NW, fresh and gusty; fair and mild to showery and unsettled

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Same as Nos 0 to 2.
7 ENGLAND N.W.	Same as Nos 0 to 2.
8 ENGLAND S.W.	W <sup>ty</sup> strong winds; cloudy, showery.
9 IRELAND NORTH	W <sup>ty</sup> to NW <sup>ty</sup> strong winds and gales; dull, unsettled.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	The S. cone is flying in districts Nos 0, 1, 2, and 6 to 10.



# METEOROLOGICAL OBSERVATIONS FOR

18<sup>th</sup> FEB<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	29.41	8	Z	0	b	29.47	+ 37	10	9	- 1	SW	2	0	*	21	7	-		
Hernösand	29.50	16	Z	0	h	29.69	+ 48	15	14	- 1	Z	0	b	*	27	?	-		
Stockholm	29.56	22	SW	2	b	29.82	+ 66	18	17	- 3	SW	1	b	*	28	18	-		
Wisby	29.53	31	NNW	4	c	29.79	+ 71	31	29	- 5	NNW	4	b	*	37	?	-		
Bodö	29.43	30	NE	2	c	29.53	+ 37	26	25	0	SE	2	0	*	30	23	-		
Christiansund	29.60	33	WSW	4	p	29.49	+ 18	30	27	0	SE	4	0	5	34	18	-		
†Skudesnaes	29.80	36	ESE	2	c	29.55	+ 15	40	40	+ 2	SSE	8	h	6	?	36	-		
Oxö (Xiänsund)	29.75	35	WNW	2	b	29.70	+ 52	38	37	- 3	SSW	4	h	3	41	32	0.04		
Skagen (The Skaw)	29.73	37	NNE	4	b	29.80	+ 71	37	35	- 3	SW	3	0	2	41	32	-		
Fanö	29.96	39	W	6	b	29.88	+ 38	39	39	- 2	SSW	4	h	*	43	34	0.24		
Cuxhaven	29.80	46	WNW	5	0	29.92	+ 18	43	43	+ 2	W	5	h	*	43	37	0.03		
†Sumburgh Head	29.77	44	SW	4	h	29.19	- 62	45	42	+ 5	W	10	h	8	50	36	0.24		
†Stornoway	29.82	44	SW	1	0	29.23	- 52	41	40	+ 5	W	8	c	5	50	36	0.08		
Wick	29.85	42	W	1	c	29.34	- 47	51	49	+ 13	WSW	6	om	4	51	38	0.02		
Nairn	29.92	44	S	1	h	29.50	- 31	48	47	+ 8	SSW	6	cq	3	50	39	-		
Leith	29.99	48	W	1	c	29.64	- 26	51	48	+ 8	W	8	c	*	52	40	-		
†Shields	30.05	50	W	3	0	29.86	- 10	50	48	+ 5	WSW	4	c	3	52	45	0.05		
Spurn Head	30.15	48	W	4	bc	30.04	+ 06	46	45	- 1	SW	4	b	5	49	45	-		
York	30.14	50	WNW	3	c	30.01	- 01	50	46	+ 2	W	3	0	*	52	47	-		
Nottingham	30.24	48	WSW	3	0	30.14	00	47	46	- 1	SW	5	c	*	52	45	-		
†Ardrossan	30.02	49	WSW	2	bc	29.75	- 24	47	47	+ 2	SW	6	b	4	49	44	0.04		
†Mullaghmore	30.16	49	WSW	5	omg	29.95	- 19	47	45	- 2	W	7	qg	7	51	45	0.06		
Donaghadee	30.13	50	W	4	c	29.88	- 19	50	48	+ 2	SW	7	c	5	53	47	-		
Parsonstown	30.31	49	W	2	0	30.11	- 16	49	47	+ 2	SW	2	0	*	51	46	0.03		
Barrow-in-Furness	?	46	SW	4	0	29.99	- 08	47	45	+ 1	SW	7	0	6	49	43	0.01		
†Holyhead	30.24	49	SW	3	0	30.11	- 07	48	47	+ 1	SW	5	0	4	50	41	-		
Liverpool (Biston)	30.20	50	WSW	5	0	30.05	- 05	48	46	+ 2	WSW	5	6	4	51	46	-		
†Valencia	30.32	50	WSW	4	omg	30.24	- 14	51	49	+ 3	WNW	6	omv	6	53	47	0.05		
Roche's Point	30.37	51	W	3	b	30.26	- 12	50	48	+ 5	W	5	c	4	55	43	-		
Pembroke	30.35	48	W	3	bc	30.27	- 05	48	47	+ 1	WSW	5	c	5	50	47	-		
†Scilly	30.46	50	W	6	c	30.40	- 04	49	49	0	W	5	cp	4	51	47	0.03		
Prawle Point	30.44	47	W	4	bc	30.39	- 01	46	46	0	WSW	3	c	3	52	44	-		
Hurst Castle	30.39	47	NNW	3	bc	30.35	+ 01	46	45	0	WNW	4	c	3	51	45	-		
†Dover	30.31	49	W	3	bc	30.30	+ 08	46	45	+ 1	WSW	4	bc	3	51	44	-		
†London	30.31	48	WNW	3	b	30.30	+ 05	47	45	0	WSW	3	bc	*	53	45	-		
Oxford	30.32	47	WSW	4	bc	30.26	- 01	46	45	0	SW	3	bc	*	51	45	-		
Cambridge	30.27	49	WSW	1	0	30.20	+ 01	45	44	- 2	SW	2	c	*	54	41	-		
†Yarmouth	30.18	48	WNW	5	bc	30.15	+ 08	46	44	- 1	WSW	4	b	3	50	43	-		
The Helder	30.15	43	WNW	1	c	30.12	+ 15	44	43	0	SW	4	b	2	45	43	0.04		
Cape Gris Nez	30.32	46	WSW	4	0	30.32	-	46	46	-	WSW	4	0	3	50	45	-		
†Jersey	30.48	48	WNW	3	bc	30.46	- 01	46	45	0	WSW	3	bc	3	51	44	0.02		
Brest	30.50	48	NNW	3	bc	30.47	- 02	47	46	0	NW	4	h	3	50	45	0.04		
Lorient	30.46	47	WNW	4	0	30.44	- 03	47	41	- 3	NW	3	c	2	50	39	0.01		
†Rocheport	30.52	48	WNW	3	b	30.48	- 07	45	45	- 1	WNW	1	0	2	55	37	0.12		
Biarritz	30.56	48	ESE	4	b	30.51	- 11	48	47	+ 1	E	1	0	4	54	32	-		
Corunna	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Brussels	•	•	•	•	•	30.32	+ 13	46	44	0	SW	4	0	*	49	44	0.04		
Charleville	30.35	45	W	4	0	30.34	?	44	42	?	WNW	1	0	*	48	36	0.04		
Paris	30.44	49	W	h	0	30.46	+ 04	46	44	0	WSW	1	c	*	•	•	-		
Lyons	30.55	39	E	1	0	30.50	- 08	39	37	+ 5	W	1	0	*	43	?	0.04		
Toulon	30.32	49	SW	4	b	30.30	- 06	44	41	- 3	Z	0	b	2	54	42	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.89	44	WSW	4	h	28.72	- 02	43	43	0	WSW	6	0	*	45	42	0.28		

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

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudeanaes ...	29.67	38	35	NW	6	c	5	Valencia ...	30.39	52	50	WSW	4	om	5
Sumburgh Head								Scilly ...	30.46	51	50	WNW	6	c	5
Stornoway ...	29.88	44	43	WNW	4	h	4	Dover ...	30.26	51	47	WNW	4	b	3
Aberdeen ...	29.91	46	42	WNW	4	b	3	London ...	30.28	50	47	W	4	c	•
Shields ...	30.04	51	49	W	3	0	4	Yarmouth ...	30.13	50	47	WNW	5	bc	3
Ardrossan ...	30.03	48	48	W	3	0	2	Jersey ...	30.48	49	48	W	4	bc	4
Mullaghmore	30.16	50	49	W	6	omg	7	Rocheport ...	30.52	52	49	SW	4	h	2
Holyhead ...	30.25	50	49	SW	4	0	3								

The barometer has risen a little in all places and though in the W. pressure is still unsteady the weather seems quiet and the winds decreasing.

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





# DAILY WEATHER REPORT

F O R

SUNDAY 19<sup>TH</sup> FEBRUARY

1882

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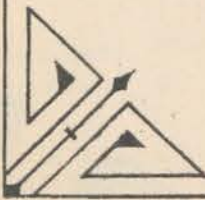
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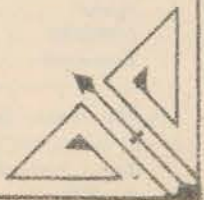
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ROBERT H. SCOTT  
(SECRETARY.)



*Fred<sup>l</sup> Dengerfeld Lith 22 Bedford St Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on Sunday 19<sup>th</sup> FEBRUARY.

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.

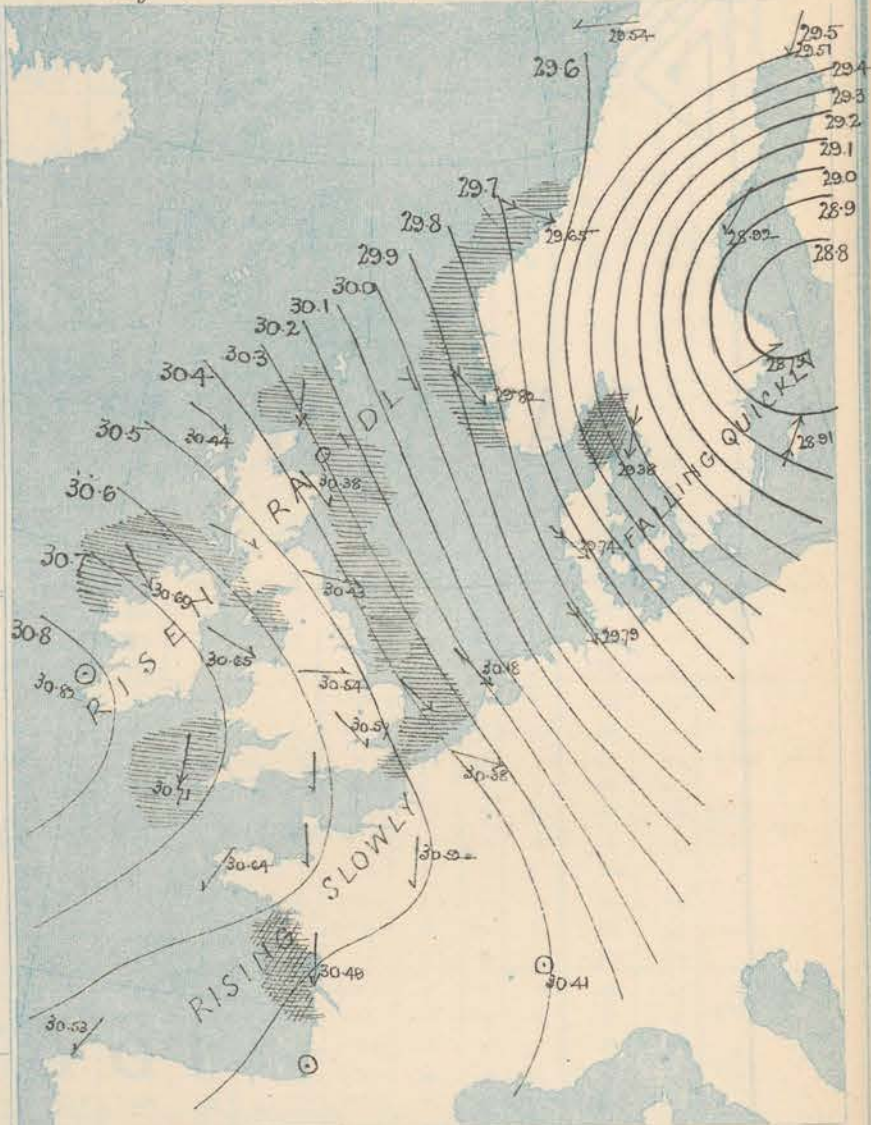
**Sea Disturbance;** where considerable, is shown by shading round the coast; thus Rough; High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February

Stations.	Mean Readings. Ins.
Nairn.	29.774
Aberdeen.	29.799
Leith.	29.841
Scarborough.	29.908
Ardrossan.	29.851
Greenacastle.	29.847
Holyhead.	29.889
Valencia.	29.903
Roche's Pt.	29.922
Plymouth.	29.993
LONDON.	29.983
Yarmouth.	29.974

\* 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.

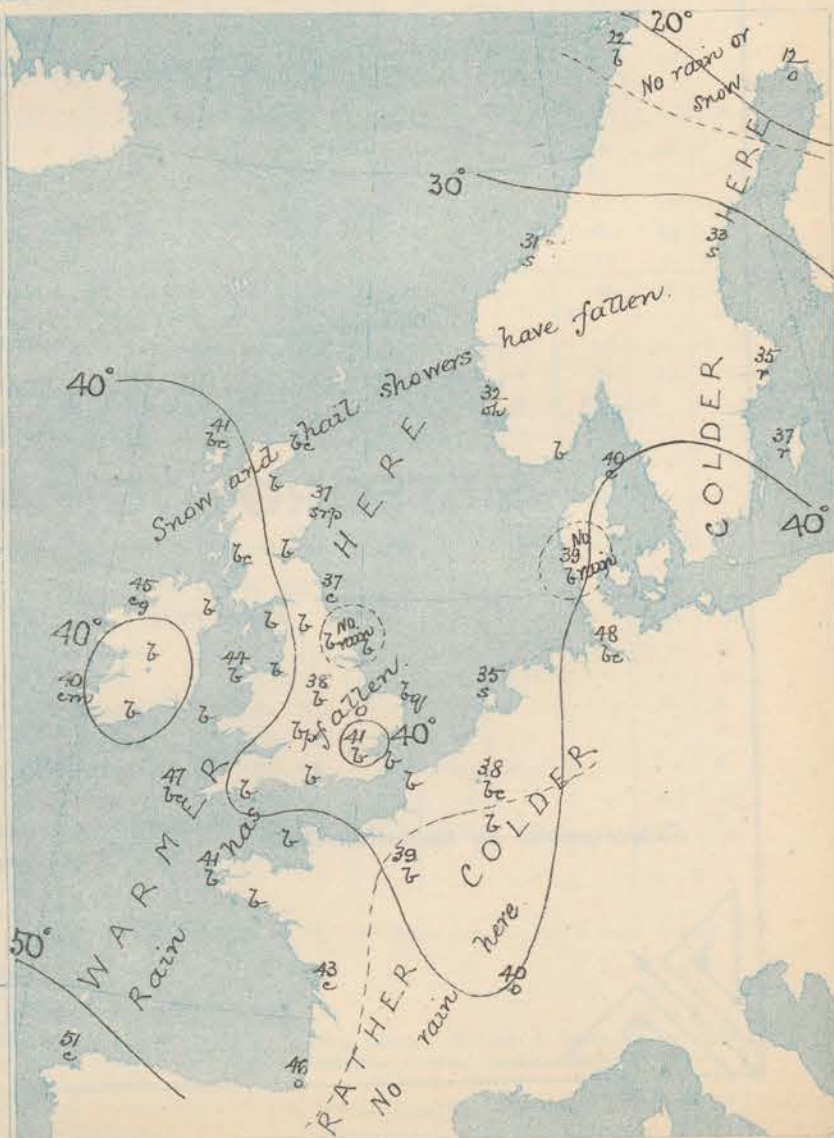
**Rainfall.** A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL.

for the month of February.

Stations	Temp °	Rain- fall ins.
Sumburgh Head.	38.5	2.40
Stornoway.	39.4	4.31
Aberdeen.	39.1	2.20
Shields.	39.9	1.61
Yark.	39.7	1.75
Mallowmore.	41.7	?
Holyhead.	42.5	2.37
Parsonstown.	42.0	1.98
Valencia.	43.9	4.31
Sally (St Mary's).	45.8	2.88
Hurst Castle.	41.9	?
Dover.	41.0	1.75
LONDON.	41.2	1.58
Yarmouth.	39.5	2.05

\* 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 19<sup>th</sup> FEB<sup>y</sup> 1882 at 8 a m

The large depression which was advancing over the N. of Scotland yesterday morning has now passed away over Scandinavia, and the centre is now disappearing over the Baltic. The mercury is in consequence now recovering in all parts of Western Europe, the rise varying between 1.25 in. at Stornoway and a little more than 0.1 in. at Dover. A large area of high pressure is forming over our south-western stations, so that N<sup>W</sup> and NW<sup>W</sup> winds are reported from all coasts, blowing lightly or moderately at most of our ports, but reaching the force of a hard gale on the Eastern shores of the North Sea. The weather is generally fine but slight snow-showers are reported from Aberdeen. Temperature has fallen fast, and readings range from 41° at Scilly to 36° at Cambridge and 37° on our NE coast. The sea is rough 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 NE
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

### FORECASTS

ISSUED  
N O N E

### DISTRICTS

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

### WARNINGS

ISSUED  
N O N E



# METEOROLOGICAL OBSERVATIONS FOR 19<sup>th</sup> FEBRUARY, 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	29.54	0	Z	0	b	29.51	+ 04	12	11	+ 2	NE	2	0	*	18	0	—		
Hernösand	29.30	30	S	6	S	29.92	— 71	38	32	+ 18	ENE	2	S	*	?	10	0.16		
Stockholm	29.34	32	S	8	S	29.79	— 1.03	35	35	+ 17	WSW	2	r	*	?	18	0.16		
Wisby	29.50	33	SW	4	S	28.91	— 88	37	36	+ 6	SW	8	r	*	?	?	0.32		
Bodö	29.30	22	ENE	2	C	29.54	+ 01	22	20	— 4	E	2	0	1	27	19	—		
Christiansund	29.42	31	NE	6	S	29.65	+ 16	31	30	+ 1	NNW	9	S	5	32	21	0.39		
†Skudesnaes	29.43	41	NNW	9	r	29.82	+ 27	32	31	— 8	NN	9	ok	6	45	?	—		
Oxö (Xiamund)	29.46	42	SSTW	8	o	29.51	— 19	36	32	— 2	NNW	9	b	4	43	32	0.16		
Skagen (The Skaw)	29.10	41	NNW	9	C	29.38	— 42	40	34	+ 3	NNE	9	C	9	41	32	0.20		
Fanö	29.50	42	N	8	b	29.74	— 44	29	35	0	NNW	8	b	*	43	37	—		
Cuxhaven	29.76	48	WSW	7	0	29.79	— 13	48	47	+ 5	NN	8	C	*	?	37	0.02		
†Sumburgh Head																			
†Stornoway	30.02	40	NN	6	b	30.44	+ 125	41	40	— 4	NNW	4	bc	4	46	36	0.15		
Wick	29.75	38	NNW	10	bcsp	30.35	+ 112	38	36	— 3	N	5	bc	5	43	34	0.10		
Nairn	29.91	40	NNW	8	r	30.40	+ 106	38	35	— 13	NNW	1	b	2	51	38	0.07		
†Aberdeen	29.80	41	NN	9	b	30.38	+ 88	37	36	— 11	NN	3	ssp	6	53	33	0.15		
Leith	29.90	40	NNW	2	b	30.45	+ 81	39	36	— 12	NN	1	b	*	52	35	0.03		
†Shields	29.89	41	N	7	b	30.48	+ 57	37	35	— 13	NNW	3	o	5	56	33	0.03		
Spurn Head	29.96	45	N	7	C	30.32	+ 28	40	37	— 6	NNW	6	b	5	51	37	—		
York	30.00	43	N	3	b	30.50	+ 49	38	35	— 12	NNW	1	b	*	55	35	—		
Nottingham	30.14	43	WSW	4	b	30.54	+ 40	38	35	— 9	N	2	b	*	56	35	0.04		
†Ardrossan	30.09	42	NN	5	b	30.54	+ 49	44	44	— 3	NNW	3	bc	2	48	38	0.04		
†Mullaghmore	30.22	45	NN	7	bc	30.69	+ 74	45	43	— 2	NN	5	cy	5	48	43	0.07		
Donaghadee	30.22	42	NN	7	b	30.62	+ 74	41	40	— 9	N	4	b	2	51	39	0.09		
Parsonstown	30.21	41	NNW	1	b	30.77	+ 66	35	34	— 14	N	1	b	*	49	32	0.07		
Barrow-in-Furness	29.94	43	NN	7	b	30.57	+ 58	41	39	— 6	NNW	5	b	5	47	39	0.06		
†Holyhead	30.25	44	NNW	6	ca	30.65	+ 54	44	42	— 4	NNW	4	b	3	49	41	0.07		
Liverpool (Edison)	30.15	41	N	6	bc	30.38	+ 53	42	41	— 6	N	5	b	4	51	39	0.04		
†Valencia	30.48	46	NNW	4	bc	30.82	+ 58	40	38	— 11	Z	0	cm	3	52	35	0.11		
Roche's Point	30.44	36	NNW	4	b	30.79	+ 53	39	36	— 11	NNW	3	b	3	50	36	0.08		
Pembroke	30.30	46	NNW	4	bc	30.70	+ 43	43	42	— 5	NNW	3	b	2	49	42	0.07		
†Scilly	30.35	47	N	8	r	30.71	+ 31	47	44	— 2	N	5	bc	5	52	44	0.06		
Prawle Point	30.31	46	N	4	0	30.69	+ 30	38	37	— 8	NNW	3	b	2	50	36	0.06		
Hurst Castle	30.22	47	N	6	C	30.60	+ 25	37	36	— 9	N	2	b	4	50	35	—		
†Dover	30.15	46	N	5		30.46	+ 16	38	36	— 8	N	4	b	2	49	37	0.08		
†London	30.18	45	N	5	ocr	30.57	+ 27	41	37	— 6	NN	3	b	*	53	36	—		
Oxford	30.24	43	NNW	4	r	30.58	+ 35	38	36	— 8	NN	3	bp	*	51	38	0.04		
Cambridge	30.7	47	N	3	0	30.57	+ 31	36	35	— 9	NN	1	o	*	52	34	0.07		
†Yarmouth	30.01	45	NNW	3	bc	30.38	+ 23	39	36	— 7	NN	5	bc	5	51	35	0.02		
The Helder	29.96	44	N	5	0	30.18	+ 06	35	35	— 9	NN	7	S	4	46	?	0.08		
Cape Gris Nez	30.18	46	WSW	8	0	30.45	+ 13	40	37	— 6	NNW	5	b	5	50	37	0.04		
†Jersey	30.36	47	N	4	C	30.66	+ 20	43	39	— 3	N	4	b	3	49	42	0.10		
Brest	30.42	49	NW	4	0	30.64	+ 17	41	37	— 6	NE	3	b	2	52	39	0.08		
Lorient	30.38	47	NN	5	0	30.50	+ 12	41	38	— 1	NNE	5	b	2	52	37	0.04		
†Rochefort	30.47	48	NNW	3	C	30.49	+ 01	43	41	— 2	N	5	C	? 2	52	36	0.04		
Biarritz	30.47	51	N	4	0	30.47	— 04	46	44	+ 8	SE	1	o	2	55	34	0.04		
Corunna						30.53	+ 05	51		+ 9	NE	2	C	4	*	*	*		
Brussels						30.38	+ 06	38	35	— 8	NNW	5	bc	*	50	37	0.08		
Charleville		46	NN	4	C	30.37	+ 03	37	35	— 7	SSE	4	b	*	45	37	—		
Paris		49	SSTW	3	0	30.52	+ 06	39	36	— 7	N	4	b	*	*	*	—		
Lyons	30.45	43	NNW	3	0	30.41	— 09	40	36	+ 1	NNW	1	0	*	47	39	—		
Toulon																			

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

Hawes Junction	29.79	36	NN	4	prc	29.25	+ 53	35	32	— 8	N	2	45	31	0.17			
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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 ...	29.15	45	44	SSW	8	r	6	Valencia ...	30.37	49	45	NNW	4	op	4
Sumburgh Head								Scilly ...	30.35	51	50	N	6	c	5
Stornoway ...	29.70	41	37	NN	9	cq	8	Dover ..	30.19	48	46	N	5	bc	4
Aberdeen ...	29.38	45	42	NNN	9	79	4	London ...	30.18	52	48	N	5	a	*
Shields ...	29.75	48	45	N	7	bc	3	Yarmouth ...	30.03	51	48	WSW	5	bcg	3
Ardrossan ...	29.74	46	45	N	8	r	6	Jersey ...	30.40	47	47	N	3	c	3
Mullaghmore ...	30.15	47	43	NNN	7	cq	7	Rochefort ..	30.44	51	49	NN	3	c	2
Holyhead ...	30.11	47	45	N	6	m	4								

The depression is passing away E<sup>nd</sup> towards Scandinavia and a hard NN<sup>l</sup> gale accompanied by cold showers is reported from Scotland. In most other places the wind is N<sup>l</sup>, and the weather moderately fair though cloudy.

## EXPLANATION OF COLUMNS.

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

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

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

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





# DAILY WEATHER REPORT

F O R

MONDAY 20<sup>TH</sup> FEBRUARY.

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>d</sup>/per quarter.*  
D<sup>s</sup> D<sup>s</sup> Bookpost 5<sup>d</sup> D<sup>s</sup>



ROBERT H. SCOTT

(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Monday. 20<sup>th</sup> FEBRUARY 1882

## BAROMETER, WIND & SEA

### Explanation of Map.

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

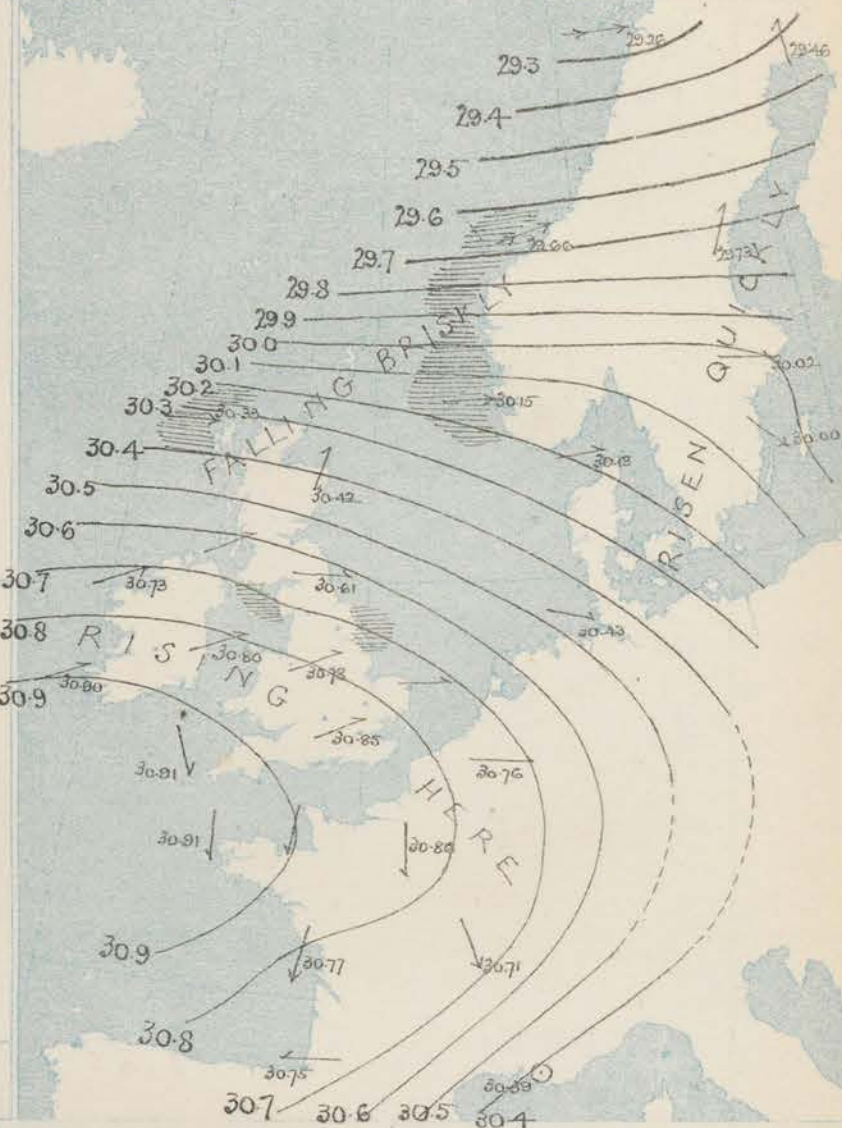
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
\* forces above 10; \* forces 8 to 10;  
\* forces 5 to 7; \* forces 1 to 4;  
○ = dead calm.

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

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

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greencastr	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt.	29.922
Plymouth	29.993
LONDON	29.983
Varmouth	29.979

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



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

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

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

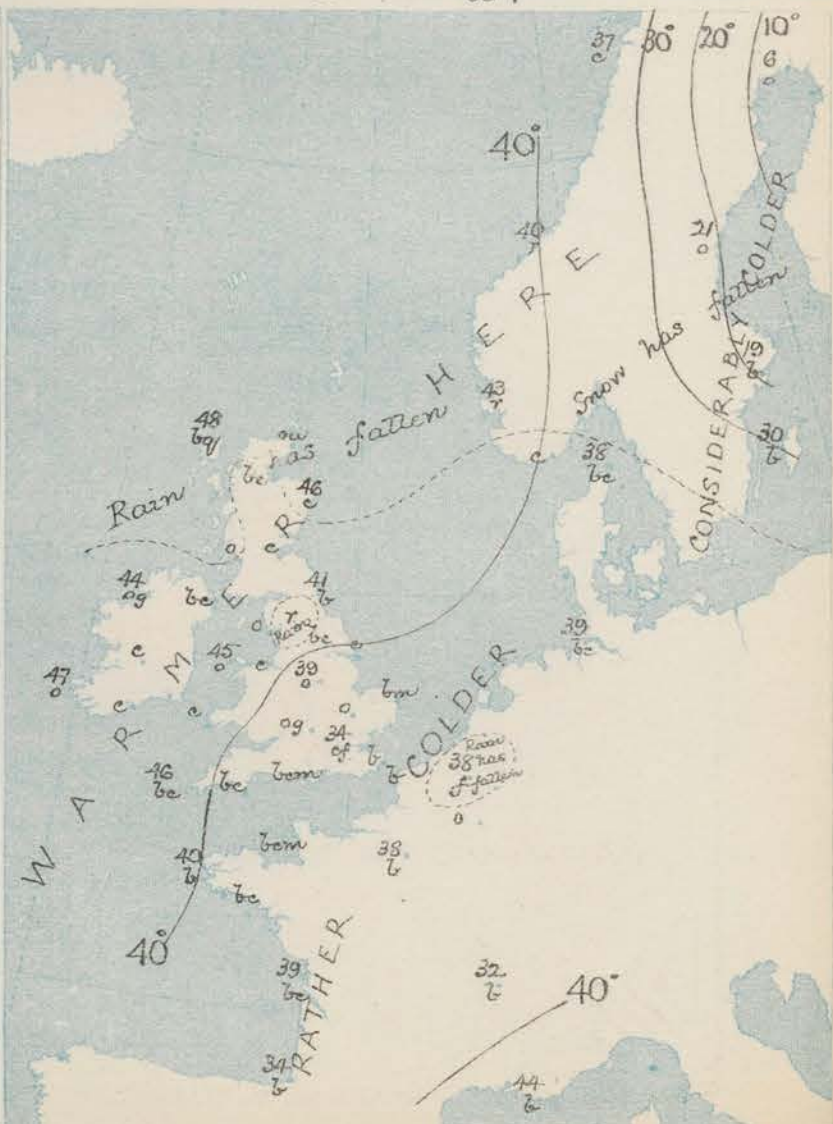
Falls of 0.5 in. or more are quoted in figures.

### MEANS\* OF TEMPERATURE AND RAINFALL.

for the month of February.

Stations	Temp.	Rain-fall
Sandburgh Head	38.5	2.40
Stornoway	39.4	1.31
Aberdeen	39.7	2.20
Shetlands	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	"
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St Mary's)	45.8	2.88
Hurst Castle	41.9	"
Dover	41.0	1.75
LONDON	41.2	1.58
Varmouth	39.5	2.05

\* 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 20<sup>th</sup> FEBRUARY 1882 at 8 a.m.

These islands are apparently again coming under the influence of another area of high pressure. The barometer has again risen to 30.9 in. on our S.W. coast and from that region high pressures seem to be spreading out over us, readings ranging from 30.9 in. at Rock Point to 30.28 in. at Wick. Further to the N<sup>o</sup>, however, depressions are still passing from W. to E., the barometer at Rods marking 29.26 in., while over the Mediterranean also low pressure apparently exist. The wind is W<sup>8</sup> on nearly all our coasts, and over the countries to the eastwards of the North Sea, but over the Channel and France it draws into N. and N.E.; it blows a gale in the W. of Norway, and strongly in the N. of Scotland, but is generally moderate or light. Temperature has risen in the W. of Norway, and over all our W<sup>m</sup> and N<sup>o</sup> districts, but has fallen elsewhere; readings range from 47° at Valencia and 48° at Stornoway to 6° at Haparanda, to 34° in London and 32° at Lyons. The maxima yesterday were 53° at Leth., and 55° at Hawke P. The weather is fine over France, on our S. and E. coasts and at Stornoway, but is cloudy or dull elsewhere with rain in the W. of Norway. The sea is rough at Stornoway, Spurn Head, Barrow in Lurness, and off the Norwegian coast.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

21<sup>st</sup> FEBRUARY.

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

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH	Strong W <sup>7</sup> winds; dull, slight rain.
2 SCOTLAND EAST	Light or moderate W <sup>7</sup> and SW <sup>4</sup> winds; cloudy, misty.
3 ENGLAND N.E.	D°-----D°-----D°-----
4 ENGLAND EAST	Same as N <sup>o</sup> 5.
5 MIDLAND COUNTIES	Same as N <sup>o</sup> 5.
6 ENGLAND SOUTH	Light W <sup>7</sup> and NW <sup>4</sup> winds cloudy and some fog inland, fair on coast. Rather cold.

## DISTRICTS

## FORECASTS

6 SCOTLAND WEST	W <sup>7</sup> winds, fresh or moderate; dull, misty.
7 ENGLAND N.W.	D°-----D°-----D°-----
8 ENGLAND S.W.	Light NW <sup>7</sup> or variable breezes; cloudy, misty.
9 IRELAND NORTH	Light to fresh W <sup>7</sup> winds; dull, misty.
10 IRELAND SOUTH	D°-----D°-----D°-----
WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

20<sup>th</sup> FEB<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	29.76	11	NE	4	0	29.76	- 0.5	6	6	- 6	8	4	0	*	12	0	0.12	
Hernösand	29.80	21	SW	8	6	29.73	+ 0.31	21	20	- 12	SW	2	0	*	2	3	0.12	
Stockholm	29.63	26	N	9	8	30.02	+ 1.23	19	18	- 16	WNW	2	6	*	36	?	0.08	
Wisby	29.60	30	E	9	8	30.00	+ 1.04	30	27	- 7	NW	6	6	*	37	?	0.64	
Boö	29.20	24	NNE	2	0	29.26	- 0.28	27	24	+ 5	W	8	0	*	28	21	-	
Christiansund	30.10	32	W	7	0	29.66	+ 0.1	40	39	+ 9	WSW	9	1	5	41	19	0.32	
†Skudesnæs	30.12	36	NW	6	6	30.15	+ 0.33	43	43	+ 11	W	6	2	5	?	32	-	
Örö (Knausund)	30.10	33	WNW	2	6	30.16	+ 0.65	40	39	+ 4	WSW	4	0	3	?	32	-	
Skagen (The Skaw)	30.12	37	N	8	6	30.19	+ 0.81	38	35	- 2	W	4	6	4	41	34	-	
Faßö														*				
Cuxhaven	30.23	?	NW	8	6	30.43	+ 0.4	39	38	- 9	WNW	3	0	*	?	36	-	
†Samburgh Head																		
†Stornoway	30.53	43	WSW	4	2	30.33	- 1.1	48	48	+ 7	W	7	2	6	48	40	0.13	
Wick	30.44	42	NW	4	4	30.28	- 0.7	43	42	+ 5	W	5	0	4	47	37	0.02	
Nairn	30.55	42	WNW	2	0	30.37	- 0.3	47	45	+ 9	WNW	3	0	2	47	37	-	
†Aberdeen	30.54	44	NW	3	0	30.42	+ 0.4	46	43	+ 9	SSW	3	0	3	48	36	0.01	
Leith	30.62	44	NW	1	6	30.54	+ 0.9	44	43	+ 5	W	3	0	*	53	36	-	
†Shields	30.62	47	NW	4	6	30.61	+ 1.8	41	40	+ 4	W	3	6	4	50	35	-	
Spurn Head	30.65	44	NW	3	6	30.66	+ 0.34	40	39	+ 0	WSW	4	0	5	47	40	-	
York	30.68	43	NW	1	6	30.71	+ 0.21	43	40	+ 5	W	1	6	*	51	37	-	
Nottingham	30.75	45	WNW	2	6	30.78	+ 0.24	39	38	+ 1	WSW	1	0	*	50	34	-	
†Ardrossan	30.67	45	W	3	0	30.62	+ 0.8	46	46	+ 2	WSW	3	0	3	50	43	0.01	
†Mullaghmore	30.77	46	W	4	0	30.73	+ 0.4	44	?	+ 3	WSW	5	0	4	47	44	-	
Donaghadee	30.77	43	NW	2	0	30.72	+ 1.0	41	40	+ 0	W	4	6	2	50	39	-	
Parsonstown	30.85	45	W	1	0	30.85	+ 0.8	44	41	+ 9	WSW	1	0	*	49	34	-	
Barrow-in-Furness	30.7	46	NW	3	0	30.67	+ 1.0	44	42	+ 3	WSW	5	0	5	50	41	-	
†Holyhead	30.78	46	WNW	3	0	30.80	+ 1.15	45	43	+ 1	WSW	4	0	3	49	43	-	
Liverpool (Bidston)	30.76	43	W	3	0	30.76	+ 1.8	43	42	+ 1	WSW	5	0	4	47	42	-	
†Valencia	30.87	46	SSW	2	0	30.90	+ 0.8	47	43	+ 7	WSW	3	0	3	51	38	-	
Roche's Point	30.85	45	WNW	1	6	30.93	+ 1.4	44	42	+ 5	WNW	2	0	3	50	38	-	
Pembroke	30.83	46	WNW	2	6	30.88	+ 1.8	46	44	+ 3	WNW	2	0	1	47	41	-	
†Scilly	30.84	47	NNE	5	6	30.91	+ 2.0	46	43	- 1	NNE	2	6	3	49	42	-	
Prawle Point	30.81	45	N	2	6	30.92	+ 2.3	38	37	+ 0	NW	2	6	2	55	36	-	
Hurst Castle	30.75	45	N	1	6	30.87	+ 2.7	36	36	- 1	N	1	6	3	50	34	-	
†Dover	30.68	48	N	2	6	30.81	+ 0.5	39	38	+ 1	NW	2	6	1	46	38	-	
†London	30.75	45	NW	2	6	30.85	+ 2.8	34	34	- 7	WSW	1	0	*	49	32	-	
Oxford	30.78	41	NW	2	6	30.86	+ 2.8	35	34	- 3	W	3	0	*	40	33	-	
Cambridge	30.70	44	NW	1	6	30.80	+ 2.9	38	37	+ 2	W	1	0	*	50	34	-	
†Yarmouth	30.61	43	NW	4	6	30.72	+ 3.4	36	35	- 3	W	2	6	4	46	32	-	
The Helder	30.56	41	NW	5	0	30.65	+ 3.7	41	40	+ 6	WNW	1	6	2	41	?	0.08	
Cape Gris Nez	30.65	45	NW	4	6	30.80	+ 3.5	41	41	+ 1	NW	4	6	2	48	39	-	
†Jersey	30.81	43	N	2	6	30.93	+ 2.7	43	42	+ 0	NNE	1	6	1	48	40	-	
Brest	30.79	44	NNE	3	6	30.91	+ 2.7	40	38	- 1	N	1	6	2	52	37	-	
Lorient	30.67	45	?	4	6	30.83	+ 2.7	39	38	- 2	NNE	4	6	2	50	36	-	
†Rochefort	30.60	48	NNE	4	6	30.77	+ 2.8	39	37	- 4	NNE	7	6	2	54	32	-	
Biarritz	30.89	46	NNE	5	6	30.75	+ 2.8	34	30	- 12	E	1	6	3	52	28	-	
Corunna	*	*	*	*	*			*						*	*	*	*	
Brussels	*	*	*	*	*	30.76	+ 3.8	38	37	+ 0	W	3	6	*	43	36	0.04	
Charleville	30.64	38	?	4	0	30.68	+ 3.1	38	36	+ 1	NNE	4	0	*	45	?	-	
Paris	30.7	43	N	4	6	30.86	+ 3.4	38	35	- 1	N	4	6	*	*	*	-	
Lyon	30.56	39	N	5	6	30.71	+ 3.0	32	31	- 8	NW	7	6	*	44	31	-	
Toulon	30.12	49	NW	7	6	30.89		44	38		2	0	6	2	57	43	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.41	39	NW	1	6	29.41	+ 1.6	38	37	+ 3	SW	3	1	*	44	34	0.02	

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

Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnæs	30.11	36	32	NW	9	e	6	Valencia	...		
Samburgh Head								Scilly	...		
Stornoway								Dover	...		
Aberdeen								London	...		*
Shields								Yarmouth	...		
Ardrossan								Jersey	...		
Mullaghmore								Rochefort	30.56	51	46
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

F O R

TUESDAY 21<sup>ST</sup> FEBRUARY.

1882

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ISSUED BY THE

METEOROLOGICAL OFFICE

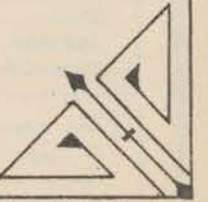
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on TUESDAY 21<sup>st</sup> FEBRUARY

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;

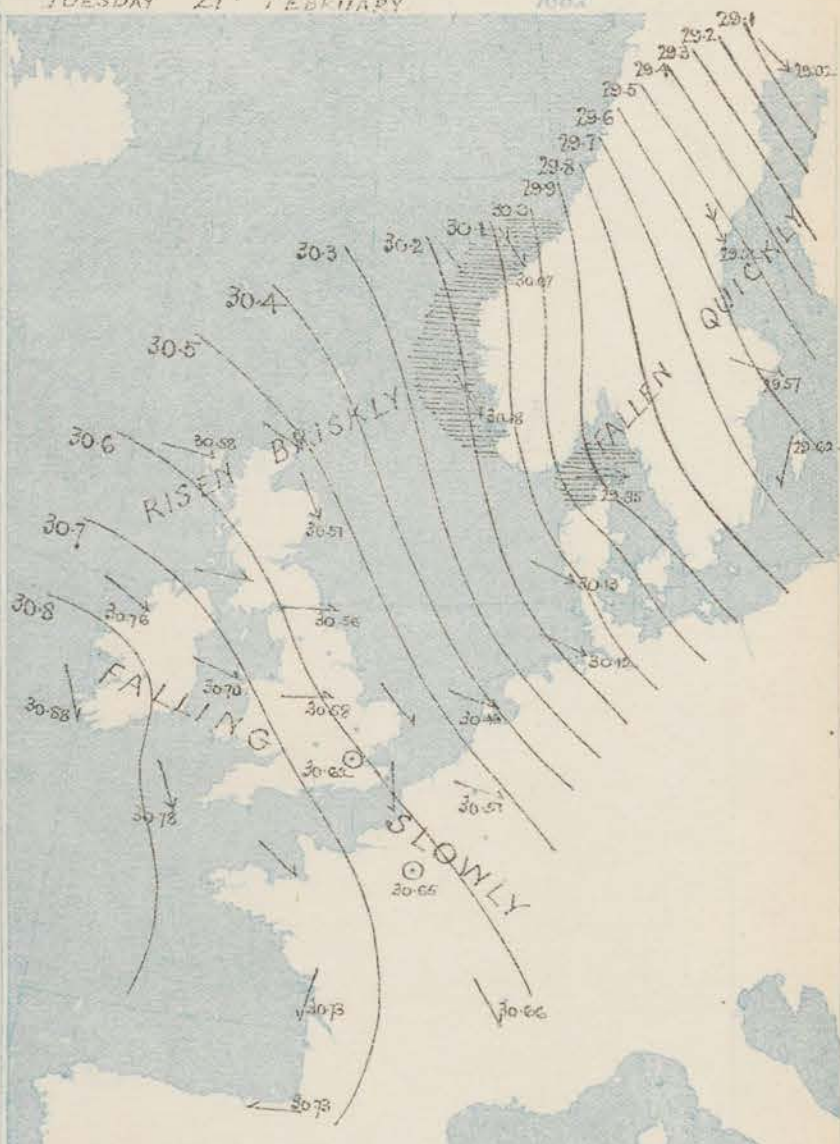
thus — Rough, — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February.

Stations	Mean Readings Inch.
Nairn	29.774
Aberdeen	29.799
Leith	29.843
Scarborough	29.908
Ardrossan	29.853
Greencastle	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt	29.922
Plymouth	29.933
LONDON	29.983
Yarmouth	29.974

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





# REMARKS

for Tuesday 21<sup>st</sup> FEB<sup>y</sup> 1892 at 8 a.m.

During the past twenty four hours the barometer has fallen in the south-west and south, risen elsewhere, but the changes have not been sufficient to disturb the general distribution of pressure, the area of highest readings still lying over our south-west coast and that of lowest barometer over Scandinavia. In consequence the wind remains NW<sup>2</sup> to N<sup>1</sup>, blowing lightly or moderately in most parts of these Islands, but reaching a gale in the N. of Norway, and a strong breeze in North Germany. The weather is fine in the east of Scotland, but is cloudy or dull in nearly all other places, with mist or fog at many stations, rain at Mullaghmore and Hurst Castle, and snow in West Norway. Brilliant Aurora was seen in parts of Scotland and Scandinavia last night. Temperature has risen except at Skudenes and Christianund, the change in the Central and south-eastern districts of England being as much as 10°, readings range at present from 50° at Scilly to 40° at Wick and 25° at Christianund.

Sea is rough on the eastern shores of the North Sea, moderate to smooth round our coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

22<sup>ND</sup> FEBRUARY

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NW <sup>2</sup> and N <sup>2</sup> winds, light to fresh; cloudy, misty, rain.	6 SCOTLAND WEST	NW <sup>2</sup> winds, moderate to fresh backing somewhat; cloudy, misty.
2 SCOTLAND EAST	NW <sup>2</sup> winds, moderate and fresh; fair, cloudy.	7 ENGLAND N.W.	-----D°-----D°-----D°-----
3 ENGLAND EAST	Same as No 5.	8 ENGLAND S.W.	NW <sup>2</sup> winds, rather fresh; dull, misty.
4 MIDLAND COUNTIES	Same as No 5.	9 IRELAND NORTH	NW <sup>2</sup> winds, backing, moderate to fresh; cloudy, dull, slight rain.
5 ENGLAND SOUTH	NW <sup>2</sup> and N <sup>2</sup> light or moderate breezes; dull and damp to fair.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
		WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

21<sup>st</sup> FEB<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 ...	29.05	20	NW	8	b	29.02	-.44	12	12	+ 6	NW	6	0	*	21	2	0.04		
Hernösand ...	29.61	16	NNW	8	b	29.52	-.21	20	16	- 1	NNW	8	0	*	41	10	-		
Stockholm ...	29.68	25	W	4	c	29.57	-.45	29	25	+ 10	WNW	4	0	*	37	18	-		
Wisby ...	29.82	38	NNW	4	b	29.62	-.38	31	29	+ 1	NNE	4	0	*	39	?	0.04		
Bodö ...																			
Christiansund ...	29.92	32	NNW	4	0	30.07	+ .41	25	22	- 15	NW	9	0	6	36	14	0.28		
†Skudesnaes ...	30.01	45	NW	6	f	30.18	+ .03	37	36	- 6	NW	9	chg	6	45	?	-		
Oxö (Xiansund) ...	29.92	43	SW	6	b	29.96	-.20	41	39	+ 1	WSW	4	0	2	45	39	-		
Skagen (The Skaw) ...	29.87	42	W	7	0	29.85	-.34	43	40	+ 5	W	6	0	6	45	37	-		
Fanö ...	30.15	42	WSW	6	a	30.13	-.29	42	42	+ 2	WNW	6	0	*	43	?	0.04		
Cuxhaven ...	30.31	?	NW	4	0	30.12	-.31	43	43	+ 4	WNW	6	0	*	?	37	0.02		
†Sumburgh Head ...																			
†Stornoway ...	30.39	48	WNW	4	0	30.58	+ .25	48	47	0	W	3	m	8	50	44	0.22		
Wick ...	30.29	48	NW	7	0	30.50	+ .22	45	45	+ 2	NW	3	0	3	51	42	0.08		
Nairn ...	30.38	49	WNW	2	bc	30.54	+ .17	46	44	- 1	WNW	1	0	1	52	46	0.01		
†Aberdeen ...	30.34	51	W	4	b	30.51	+ .09	48	45	+ 2	NNW	6	0	2	55	44	-		
Leith ...	30.46	50	W	6	bc	30.58	+ .04	45	44	+ 1	W	3	bc	*	51	43	-		
†Shields ...	30.47	48	W	6	c	30.56	-.05	47	46	+ 6	W	3	0	2	50	39	-		
Spurn Head ...	30.54	46	W	5	c	30.53	-.13	46	44	+ 6	W	4	0	3	46	40	-		
York ...	30.59	47	WNW	4	bc	30.58	-.13	48	46	+ 5	NW	1	0	*	50	43	0.02		
Nottingham ...	30.60	45	WSW	2	0	30.58	-.20	49	47	+ 10	W	1	0	*	51	38	0.01		
†Ardrossan ...	30.54	49	W	4	op	30.65	+ .03	48	48	+ 2	W	1	0	1	49	45	0.07		
†Mullaghmore ...	30.72	49	W	5	ogm	30.76	+ .03	48	48	?	WNW	4	ang	4	50	46	0.07		
Donaghadee ...	30.64	50	WNW	6	c	30.71	-.01	49	48	+ 8	WNW	3	0	1	52	40	-		
Parsonstown ...	30.82	49	SW	1	0	30.82	-.03	47	46	+ 3	W	1	0	*	51	43	-		
Barrow-in-Furness ...	30.59	46	SW	4	0	?	?	45	45	+ 1	N	4	bc	3	47	44	0.03		
†Holyhead ...	30.71	49	WSW	2	0	30.70	-.10	48	47	+ 3	WNW	4	m	3	49	44	-		
Liverpool (Bidston) ...	30.67	46	WSW	4	0	30.66	-.10	46	45	+ 3	WNW	3	0	3	47	43	0.01		
†Valencia ...	30.89	48	W	2	og	30.88	-.02	48	47	+ 1	NNW	2	0	3	51	46	0.05		
Roche's Point ...	30.87	46	WNW	4	0	30.80	-.13	49	47	+ 5	NW	5	0	4	50	44	-		
Pembroke ...	30.80	47	W	4	c	30.74	-.14	48	47	+ 2	WNW	2	0	2	48	44	0.01		
†Scilly ...	30.88	48	WNW	4	0	30.78	-.13	50	49	+ 4	NNW	5	0	4	50	44	0.01		
Prawle Point ...	30.85	42	WNW	3	b	30.73	-.19	46	45	+ 8	WNW	3	0	2	46	37	-		
Hurst Castle ...	30.79	44	NNW	3	c	30.66	-.21	45	45	+ 9	NNW	2	od	3	48	35	0.02		
†Dover ...	30.70	44	W	3	c	30.57	-.24	47	46	+ 8	N	3	bc	2	47	38	0.03		
†London ...	30.74	45	W	1	c	30.62	-.23	47	45	+ 13	W	0	f	*	49	33	-		
Oxford ...	30.73	44	WSW	4	c	30.64	-.22	48	47	+ 13	NW	3	odm	*	48	35	0.02		
Cambridge ...	30.68	44	WNW	1	0	30.58	-.22	48	47	+ 10	NW	1	0	*	48	37	-		
†Yarmouth ...	30.60	44	WNW	3	bc	30.54	-.18	46	45	+ 10	NNW	3	cg	3	47	34	0.01		
The Helder ...	30.50	43	W	4	0	30.43	-.22	42	42	+ 1	WNW	4	0	2	43	41	0.04		
Cape Gris Nez ...	30.70	43	SW	4	0	30.58	-.22	44	44	+ 3	WSW	4	f	3	45	41	0.08		
†Jersey ...	30.87	45	NW	2	og	30.74	-.19	47	46	+ 4	WNW	3	om	3	50	42	-		
Brest ...																			
Lorient ...	30.78	47	NE	4	b	30.69	-.14	44	42	+ 5	NW	4	0	1	48	37	-		
†Rochefort ...	30.75	48	NE	5	bc	30.73	-.04	43	41	+ 4	NNE	3	0	2	55	32	-		
Biarritz ...	30.72	46	WNW	5	bc	30.73	-.02	36	33	+ 2	E	4	6	3	48	30	-		
†Corunna ...	*	*	*	*	*	30.62	00	51	*	?	ENE	6	6	7	*	*	*		
Brussels ...	*	*	*	*	*	30.51	-.25	43	43	+ 5	WNW	1	0	*	45	?	0.08		
Charleville ...																			
Paris ...	30.40	44	NW	3	0	30.65	-.21	43	41	+ 5	W	0	0	*	*	*	-		
Lyons ...	30.71	38	N	5	b	30.66	-.05	35	31	+ 3	NNW	3	0	*	43	32	-		
Toulon ...																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.32	42	WSW	3	a	29.34	-.07	41	?	+ 3	W	1	0	*	46	37	0.93		

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

Hawes Junction	29.32	42	WSW	3	a	29.34	-.07	41	?	+ 3	W	1	0	*	46	37	0.93
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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 ...	30.04	45	44	W	6	2	5	Valencia ...	30.90	50	47	WSW	3	0	4
Sumburgh Head								Scilly ...	30.91	48	45	WNW	3	0	3
Stornoway ...	30.34	50	50	WNW	7	2.9	6	Dover ...	30.76	45	42	W	3	bc	2
Aberdeen ...	30.33	52	48	WNW	4	0	2	London ...	30.73	47	42	WNW	3	c	*
Shields ...	30.49	49	47	W	7	0	3	Yarmouth ...	30.66	48	42	W	4	bc	3
Ardrossan ...	30.57	49	48	W	4	0	3	Jersey ...	30.90	47	43	N	2	bc	2
Mullaghmore ...	30.73	50	48	WSW	5	om	5	Rochefort ...	30.76	53	46	NE	7	6	2
Holyhead ...	30.76	48	46	WSW	4	0	3								

Pressure is decreasing slightly in all places, while the N<sup>ly</sup> and NW<sup>ly</sup> wind has increased somewhat and the weather become cloudy or dull, with rain at Stornoway.

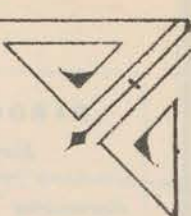
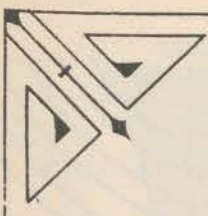
## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) 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 22<sup>ND</sup> FEBRUARY

1882

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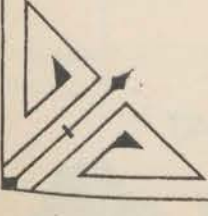
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ROBERT H. SCOTT

(SECRETARY.)





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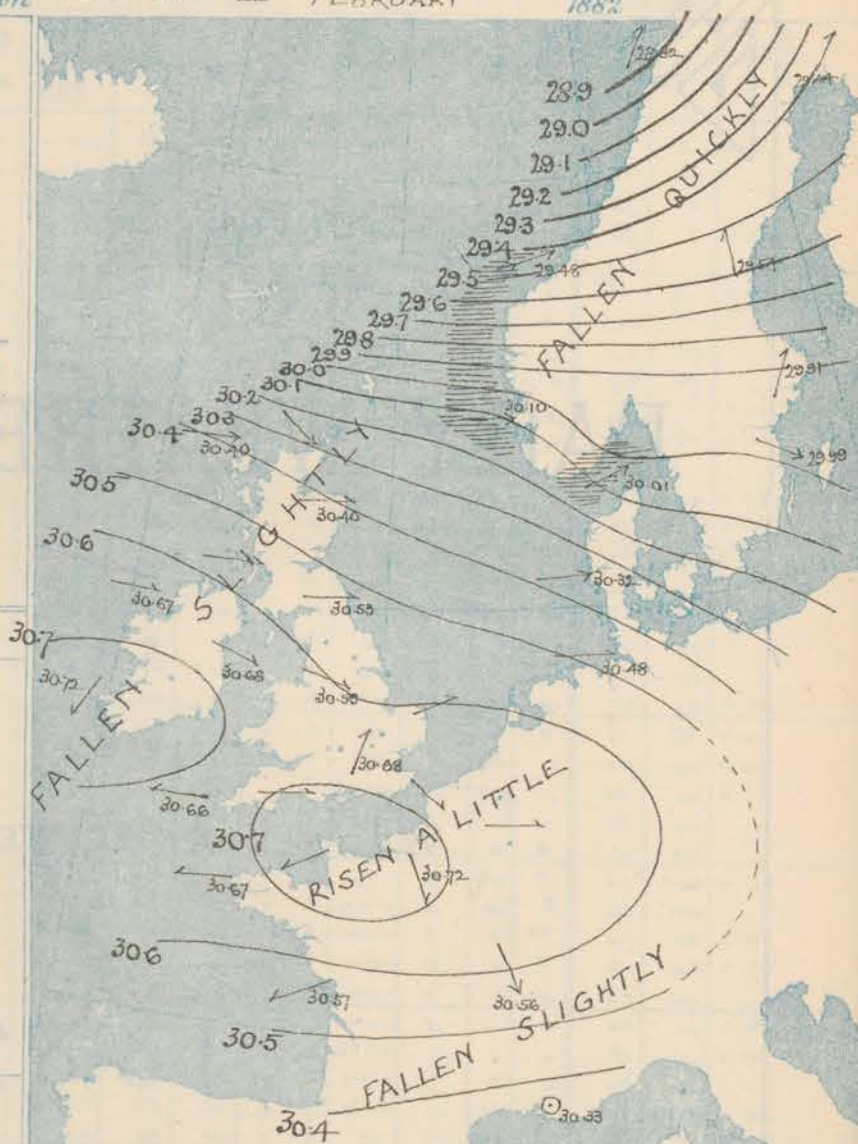
## 1882

*Explanation of Map.*

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

*for the month of February*

\* 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 February

\* 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 22<sup>ND</sup> FEB. 1882 at 8 a.m.

A large depression has advanced during the night to the N. of Norway, occasioning a rapid fall of the barometer in that neighbourhood with W<sup>ly</sup> gales and heavy rain. Over these Islands and France, however, there has been comparatively little change, though the mercury has fallen somewhat in the N. and risen in the S., and a large anticyclone now lies over Ireland, the south of England, and the north of France. Moderate to fresh W<sup>ly</sup> breezes prevail on all our more northern and western coast, but in the S. the wind is more variable, while over France it is E<sup>ly</sup>. The weather is fine along our east coast, but is rather cloudy generally with fog and mist in several places. Scarcely any rain has fallen during the past 24 hours. Temperature has fallen and ranges from 49° in the south-west to 39° at Oxford and 43° at Aberdeen.

The sea is very rough off the Norwegian coast, moderate or smooth round our coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

23<sup>RD</sup> FEBRUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W <sup>ly</sup> winds, rather fresh; dull, slight showers.	6 SCOTLAND WEST	W <sup>ly</sup> and NW <sup>ly</sup> breezes, moderate; cloudy, hazy.
2 SCOTLAND EAST	Light W <sup>ly</sup> breezes; fair, mild, hazy.	7 ENGLAND N.W.	D°-----D°-----D°
3 ENGLAND N.E.	D°-----D°-----D°	8 ENGLAND S.W.	E <sup>ly</sup> winds, light; dull, hazy.
4 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Light breezes between N. and W.; cloudy, some slight fog or haze.
5 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	D°-----D°-----D°
6 ENGLAND SOUTH	Calms and light W <sup>ly</sup> and SW <sup>ly</sup> breezes; fair, hazy; some fog and rather cold at night.	WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

22<sup>nd</sup> FEB.

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	29.53	3	SW	6	b	29.44	+ .42	9	9	- 3	SW	2	0	*	23	2	-		
Hernösand	29.91	16	NW	8	b	29.54	+ .02	20	19	0	S	4	5	*	23	14	0.04		
Stockholm	30.01	17	N	8	b	29.91	+ .34	18	15	- 11	SW	2	0	*	36	16	-		
Wisby	29.96	23	N	9	c	29.99	+ .37	23	22	- 8	NW	6	0	*	32	?	-		
Bodö	29.97	19	NW	4	c	28.82	- .80	27	27	+ 13	SSW	4	0	4	27	?	-		
Christiansund	30.25	28	WSW	6	c	29.48	- .59	43	41	+ 18	WSW	9	7	1	43	18	0.39		
†Skudesnaes	30.45	32	ENE	1	o	30.10	- .08	44	43	+ 7	W	6	2	5	?	32	-		
Oxö (Xiansund)	30.34	34	WNW	4	b	30.00	+ .04	44	42	+ 3	W	8	c	3	?	32	-		
Skagen (The Skaw)	30.32	34	NE	3	b	30.01	+ .16	41	41	- 2	WSW	6	0	6	43	37	-		
Fanö	30.45	35	NW	6	b	30.32	+ .19	41	41	- 1	W	6	7	*	45	34	0.04		
Cuxhaven	30.20	?	N	6	bc	30.48	+ .36	38	38	- 5	W	4	0	*	40	36	-		
†Sumburgh Head																			
†Stornoway	30.59	47	WNW	4	m	30.40	- .18	47	45	- 1	W	5	0	4	50	44	-		
Wick	30.51	49	NW	2	o	30.27	- .23	46	44	+ 1	NW	5	0	4	49	44	-		
Nairn	30.56	51	WSW	1	b	30.40	- .14	46	43	0	WSW	3	c	2	53	45	-		
†Aberdeen	30.57	49	W	1	o	30.40	- .11	43	41	- 5	W	1	b	1	55	38	-		
Leith	30.62	51	W	1	b	30.47	- .11	46	44	+ 1	WSW	3	b	*	59	44	-		
†Shields	30.64	48	W	0	m	30.53	- .03	45	43	- 2	W	3	b	3	55	43	-		
Spurn Head	30.65	45	NNW	2	b	30.57	+ .04	41	41	- 5	WSW	3	cm	3	49	39	-		
York	30.56	51	ESE	1	c	30.59	+ .01	44	43	- 4	W	2	c	*	53	38	-		
Nottingham	30.68	49	WNW	1	b	30.59	+ .01	45	45	- 4	WNW	2	o	*	56	37	-		
†Ardrossan	30.66	48	WNW	4	c	30.56	- .09	46	46	- 2	W	3	c	2	51	44	-		
†Mullaghmore	30.77	47	W	4	c	30.67	- .09	45	45	- 3	W	4	cm	3	49	43	0.04		
Donaghadee	30.74	49	NW	3	o	30.65	- .06	45	44	- 4	WNW	2	c	0	52	41	-		
Parsonstown	30.81	49	WNW	1	o	30.73	- .09	44	42	- 3	WNW	1	og	*	51	44	-		
Barrow-in-Furness	?	48	N	3	bc	30.62	?	45	44	0	W	3	o	3	53	43	-		
†Holyhead	30.72	48	NW	3	mg	30.68	- .02	46	45	- 2	WNW	2	c	1	49	44	-		
Liverpool (Bidston)	30.70	45	WNW	1	f	30.64	- .02	45	44	- 1	W	2	o	1	48	44	-		
†Valencia	30.80	49	N	3	bc	30.72	- .16	49	48	+ 1	NE	1	cm	2	52	38	-		
Roche's Point	30.79	49	NW	5	c	30.72	- .08	42	42	- 7	N	2	f	3	53	39	-		
Pembroke	30.71	49	N	2	o	30.70	- .04	47	46	- 1	NNE	1	m	0	50	46	0.01		
†Scilly	30.72	50	NNE	5	op	30.66	- .12	49	49	- 1	E	1	o	2	51	46	-		
Prawle Point	30.69	50	N	2	c	30.70	- .03	46	45	0	NNE	1	o	0	52	44	-		
Hurst Castle	30.68	48	NNE	2	m	30.69	+ .03	45	44	0	W	1	m	2	51	44	0.01		
†Dover	30.66	48	NE	3	og	30.68	+ .11	43	42	- 4	W	1	b	0	50	42	-		
†London	30.70	51	NE	3	o	30.68	+ .06	43	43	- 4	SW	1	o	*	52	42	-		
Oxford	30.71	49	NNE	1	o	30.69	+ .05	39	38	- 9	W	0	f	*	53	38	-		
Cambridge	30.68	48	N	1	o	30.65	+ .07	40	40	- 8	W	1	of	*	50	31	-		
†Yarmouth	30.65	45	NNW	2	bc	30.61	+ .07	42	41	- 4	WSW	2	cm	3	48	40	-		
†The Helder	30.59	41	?	2	b	30.58	+ .15	39	39	- 3	WNW	1	f	?	?	?	-		
Cape Gris Nez	30.65	45	NE	1	o	30.69	+ .11	42	42	- 2	NW	1	o	0	48	41	-		
†Jersey	30.69	48	NNE	2	om	30.72	- .02	45	45	- 2	E	1	cm	1	51	45	-		
Brest	30.68	49	NE	3	m	30.67	- .01	46	45	- 1	E	3	m	3	50	39	0.08		
Lorient	30.60	48	NNE	4	o	30.61	- .08	46	46	+ 2	ESE	3	m	1	48	41	-		
†Rochefort	30.62	46	SW	5	o	30.58	- .15	43	42	0	E	4	b	2	50	37	-		
†Biarritz	30.65	44	ENE	4	o	30.57	- .16	39	37	- 7	E	1	o	2	46	32	-		
Corunna	*	*	*	*	*			*	*					*	*	*			
†Brussels	*	*	*	*	*	30.68	+ .17	38	37	- 5	NNW	1	c	*	49	38	0.04		
Charleville	30.42	45	WSW	4	o	30.48	+ .01	39	37	0	W	4	bc	*	45	?	0.04		
Paris	30.56	46	W	0	o	30.72	+ .07	43	40	0	NNW	4	o	*	*	*	0.04		
Lyons	30.52	41	NNW	4	o	30.56	- .10	39	38	+ 4	NNW	5	o	*	42	?	-		
Toulon	30.28	47	SE	1	b	30.33		48	39		W	0	b	5	54	43	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.42	45	W	1	bc	29.32	- .02	44	40	+ 3	WSW	2	o	*	51	38	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.86	55	31	nw	9	c	5	Valencia ...	30.84	51	49	nnw	3	b	4
Sumburgh Head								Scilly ...	30.74	51	50	n	5	o	4
Stornoway ...	30.60	50	49	wnw	4	m	4	Dover ..	30.61	50	48	nne	3	og	1
Aberdeen ...	30.58	52	48	nnw	4	o	2	London ...	30.64	52	49	n	2	og	*
Shields ...	30.61	53	50	z	0	o	2	Yarmouth ...	30.69	48	46	nnw	2	bc	3
Ardrossan ...	30.67	50	50	wnw	3	c	2	Jersey ...	30.69	49	49	n	2	o	2
Mullaghmore ...	30.80	48	48	w	4	cm	3	Rochefort ...							
Holyhead ...	30.71	49	48	nw	4	o	3								

Pressure is increasing at all stations except Valencia and Scilly where a slight fall of the barometer has occurred. The wind, however, remains NW and N and the weather cloudy or 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.  
† 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 23<sup>RD</sup> FEBRUARY.

1882

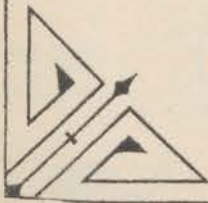
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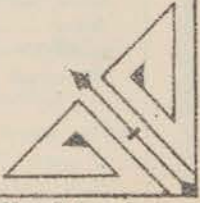
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Thursday 23<sup>rd</sup> FEBRUARY 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.

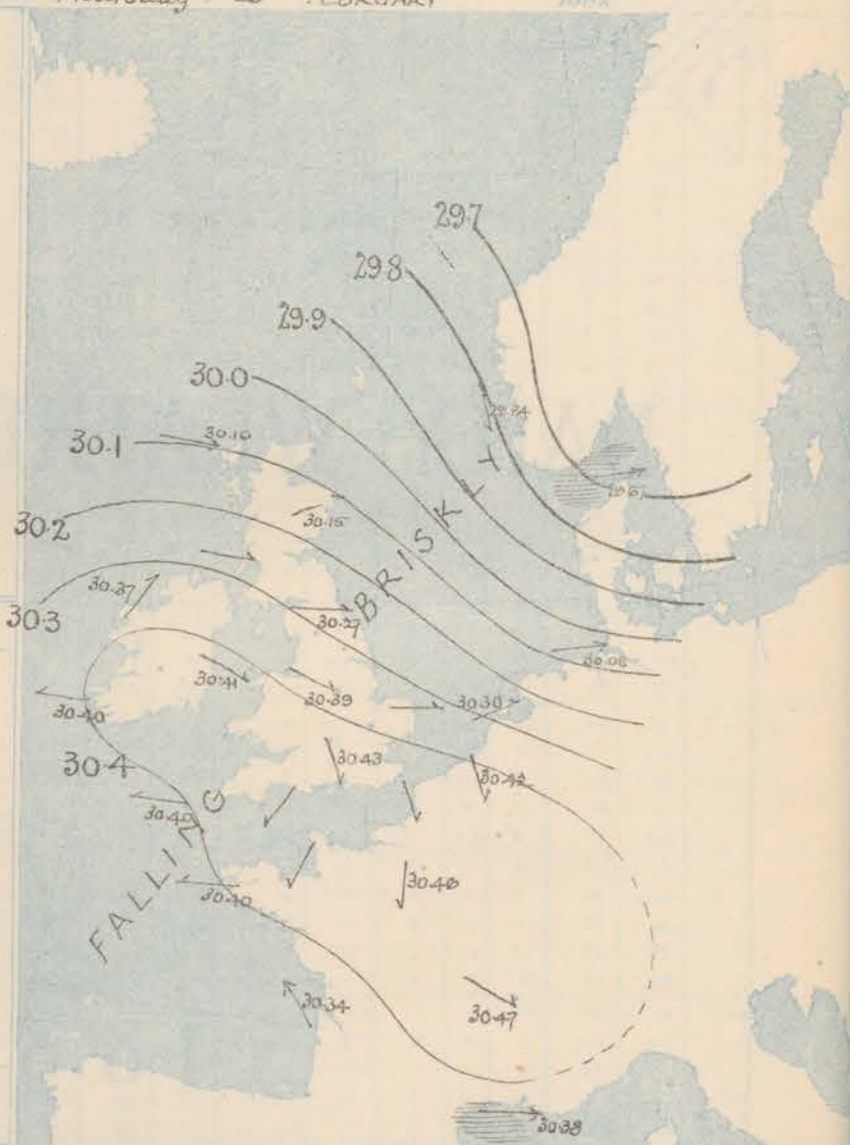
Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough. — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February

Stations	Mean Readings (in.)
Nairn	29.774
Aberdeen	29.789
Leith	29.841
Scarborough	29.908
Ardrossan	29.857
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt.	29.922
Plymouth	29.993
LONDON	29.983
Yarmouth	29.974

\* These means are for the 10 years 1856-76. 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.

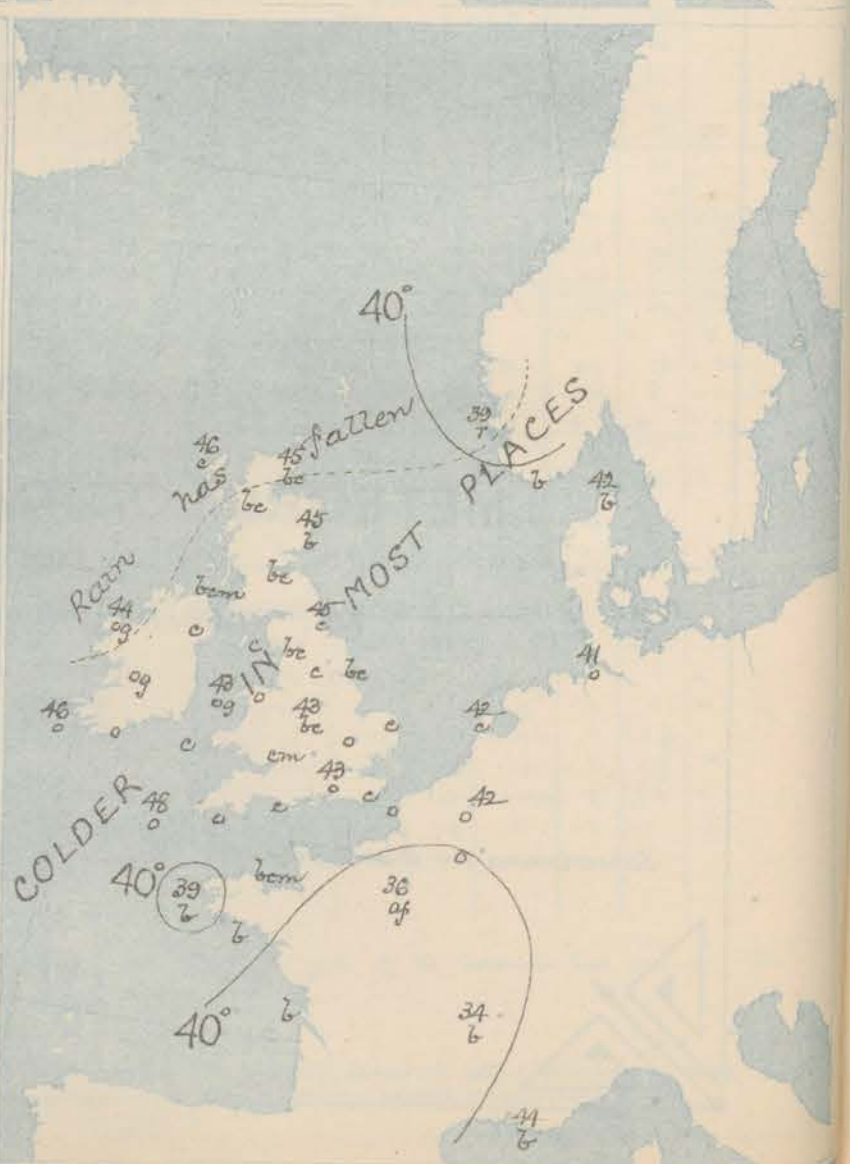
Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of February

Stations	Temp	Rain-fall
Sumburgh Head	38.5	2.47
Sarnoway	39.4	4.31
Aberdeen	39.7	2.20
Shields	39.3	1.61
York	39.7	1.75
Mullingtonree	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.94
Valencia	43.9	4.31
Sally (St. Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.7	1.68
Yarmouth	39.6	2.06

\* 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 23<sup>RD</sup> FEB<sup>R</sup> 1882 at 8 a m

During the past twenty-four hours a depression has passed quickly from west to east across the north of Scotland and the North Sea, and now apparently has its centre over the Iles of Shetland. It has occasioned a brisk fall of the barometer over the northern part of our area, but at the same time pressure has given way decidedly in the south, and the anticyclone lying over France and our more southern districts seems to be breaking up. The wind is W<sup>ly</sup> over all the more northern parts of these Islands as well as on the eastern shores of the North Sea, but over France, the Channel and the south of Ireland the wind is E<sup>ly</sup>; in the north of Scotland and over Denmark and Norway it blows fresh or strongly. The weather is fine in our northern and eastern districts as well as over the south and west of France, but is cloudy or dull generally with rain at Skudesnaes and mist or fog in some places. Slight rain has fallen in the extreme north. Temperature has decreased and ranges from 48° at Scilly to 41° at Oxford and 34° at Lyons. The sea is moderate to smooth round our coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon on the

24<sup>TH</sup> FEBRUARY.

(ISSUED AT 11 a m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W <sup>ly</sup> winds, strong to fresh; cloudy, some showers.	6 SCOTLAND WEST	W <sup>ly</sup> and SW <sup>ly</sup> winds, moderate; cloudy, misty.
2 SCOTLAND EAST	Light W <sup>ly</sup> breezes, fine to cloudy and misty.	7 ENGLAND N.W.	D°-----D°-----D°
3 ENGLAND N.E.	D°-----D°-----D°	8 ENGLAND S.W.	E <sup>ly</sup> and SE <sup>ly</sup> winds, moderate; dull, misty.
4 ENGLAND EAST	Same as N° 5	9 IRELAND NORTH	Same as N°s 6 and 7.
5 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	SE <sup>ly</sup> winds, moderate or fresh; dull, misty.
6 ENGLAND SOUTH	Light variable to E <sup>ly</sup> breezes; cloudy or dull with mist or haze. Cold night.	WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

23<sup>rd</sup> FEB<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 ...																			
Hernösand ...																			
Stockholm ...																			
Wisby ...																			
Bodö ...																			
Christiansund...																			
†Skudesnaes ...	29.79	46	W	8	A		29.84	-.26	39	38	- 5	WNW	4	A	4		46	?	-
Oxö (Xiansund) ...	29.65	47	W	8	bc		29.70	-.30	44	40	0	W	5	b	4		?	41	-
Skagen (The Skaw)	29.61	43	W	7	b		29.67	-.34	42	40	+ 1	W	7	b	6		45	?	-
Fanö ...																			
Cuxhaven ...	30.19	48	W	7	f		30.08	-.40	41	41	+ 3	W	6	o	*		43	37	-
†Sumburgh Head																			
†Stornoway ...	30.22	47	W	6	bc		30.10	-.30	46	45	- 1	W	5	o	H		48	44	0.04
Wick ...	30.10	45	NW	7	bc		30.01	-.26	45	43	- 1	NW	6	bc	3		49	34	0.05
Nairn ...	30.26	47	WSW	2	bc		30.15	-.25	45	43	- 1	WSW	3	bc	2		49	44	-
†Aberdeen ...	30.24	49	WNW	6	c		30.15	-.25	45	43	+ 2	WSW	1	b	2		54	40	-
Leith ...	30.31	47	W	4	bc		30.23	-.24	45	43	- 1	WNW	2	bc	*		52	43	-
†Shields ...	30.38	47	WNW	4	o		30.27	-.26	45	42	0	W	3	c	2		50	41	-
Spurn Head ...	30.42	45	W	4	b		30.33	-.24	43	41	+ 2	WSW	3	bc	3		48	40	-
York ...	30.44	45	W	2	b		30.29	-.30	44	41	0	W	1	c	*		54	42	-
Nottingham ...	30.49	44	WNW	8	o		30.39	-.20	43	40	- 2	WNW	1	bc	*		51	40	-
†Ardrossan ...	30.41	46	W	4	c		30.28	-.28	45	45	- 1	W	3	bc	2		47	44	-
†Mullaghmore ...	30.55	46	W	4	o		30.37	-.30	44	42	- 1	SW	3	og	3		46	44	0.02
Donaghadee ...	30.48	45	WNW	2	o		30.37	-.28	43	41	- 2	W	3	c	1		47	41	-
Parsonstown ...	30.59	46	Z	0	o		30.42	-.31	43	40	- 1	Z	0	og	*		47	42	-
Barrow-in-Furness	30.49	45	NW	3	o		30.35	-.27	45	42	0	WNW	3	c	3		47	43	-
†Holyhead ...	30.54	46	W	1	o		30.41	-.27	43	41	- 3	WNW	2	og	1		48	42	-
Liverpool (Bidston)	30.51	44	W	4	o		30.39	-.25	43	41	- 2	W	3	o	2		47	43	-
†Valencia ...	30.59	47	Z	0	og		30.40	-.30	46	44	- 3	E	1	o	1		52	43	-
Roche's Point...	30.57	46	N	1	o		30.43	-.29	43	41	+ 1	ESE	2	o	3		49	40	-
Pembroke ...	30.58	45	NW	1	o		30.44	-.26	43	40	- 4	E	1	c	0		48	42	-
†Scilly ...	30.57	50	ESE	1	o		30.40	-.26	48	47	- 1	E	1	o	1		53	45	-
Prawle Point ...	30.58	47	WSW	1	b		30.45	-.25	44	43	- 2	ESE	1	o	1		53	42	-
Hurst Castle ...	30.55	47	WNW	2	m		30.46	-.23	41	39	- 4	NNE	2	c	2		51	39	-
†Dover ...	30.51	45	WSW	3	og		30.42	-.26	43	40	0	N	2	c	1		47	41	-
†London ...	30.52	50	W	2	o		30.43	-.25	43	40	0	WNW	1	o	*		55	43	-
Oxford ...	30.51	46	NW	2	o		30.44	-.25	41	39	+ 2	WSW	1	cm	*		50	38	-
Cambridge ...	30.54	46	W	1	o		30.42	-.23	42	39	+ 2	NW	1	o	*		48	39	-
†Yarmouth ...	30.45	46	WNW	3	mcg		30.33	-.28	42	40	0	W	2	c	2		48	39	-
The Helder ...	30.38	42	WSW	1	b		30.30	-.28	42	41	+ 3	WSW	1	c	2		43	39	-
Cape Gris Nez ...	30.52	45	SW	3	o		30.46	-.23	43	41	+ 1	NW	1	o	1		48	39	-
†Jersey ...	30.60	46	N	1	bc		30.47	-.25	42	42	- 3	NE	1	bc	1		52	40	-
Brest ...	30.56	48	ESE	1	o		30.40	-.27	39	38	- 7	E	4	b	2		50	37	-
Lorient ...	30.48	48	ESE	1	b		30.35	-.26	41	39	- 5	SSW	4	b	1		52	37	-
†Rochefort ...	30.45	49	NE	5	b		30.34	-.24	38	37	- 5	SE	5	b	2		55	32	-
Biarritz ...																			
†Corunna ...							30.28	-.17	50	*	?	E	1	o	1		*	*	*
Brussels ...							30.42	-.26	42	39	+ 4	WNW	3	o	*		45	?	-
Charleville ...	30.50	46	NE	1	b		30.40	-.08	36	35	- 3	NE	1	o	*		?	?	-
Paris ...	30.56	48	WNW	4	b		30.46	-.26	36	35	- 7	N	3	fo	*		*	*	-
Lyons ...	30.48	44	NW	1	b		30.47	-.09	34	33	- 5	NW	1	b	*		50	30	-
Toulon ...	30.35	55	Z	0	b		30.38	+ .05	44	41	- 4	W	5	b	5		59	?	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.18	40	W	2	c		29.06	-.26	38	34	- 6	WSW	2	bc	*		?	34	-

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.93	46	44	W	6	0	5	Valencia ...	30.64	50	47	E	1	e	1
Sumburgh Head								Scilly ...	30.60	53	52	ESE	2	om	1
Stornoway ...	30.29	48	46	W	6	29	5	Dover ..	30.58	46	45	WSW	3	bc	
Aberdeen ...	30.28	52	46	WNW	6	6	2	London ...	30.59	52	49	WSW	2	e	*
Shields ...	30.42	50	47	WNW	8	0	3	Yarmouth ...	30.51	46	45	WNW	3	om	3
Ardrossan ...	30.47	47	46	W	4	0	2	Jersey ...	30.64	51	48	Z	0	bc	0
Mullaghmore ...	30.61	46	43	W	3	0	3	Rochefort ...	30.52	52	49	NNE	5	o	2
Holyhead ...	30.61	47	45	WNW	2	0	2								

Pressure is giving way everywhere - most in the N. and E. - and the weather is becoming unsettled in the N.W., rain having commenced at Stornoway. Temperature ranges from 53° at Scilly to 46° at Yarmouth.

## EXPLANATION OF COLUMNS.

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

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

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

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

† Received too late for mention in chart





# DAILY WEATHER REPORT

F O R

FRIDAY, 24<sup>TH</sup> FEBRUARY.

1882

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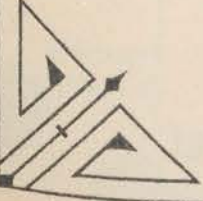
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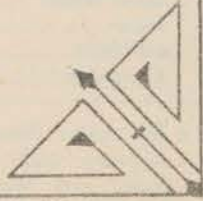
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ROBERT H. SCOTT  
(SECRETARY.)



*Fred<sup>x</sup> Dingerfield Lith 22, Bedford St<sup>s</sup> Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on FRIDAY 24<sup>th</sup> FEBRUARY

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 3 to 4;

○ = dead calm.

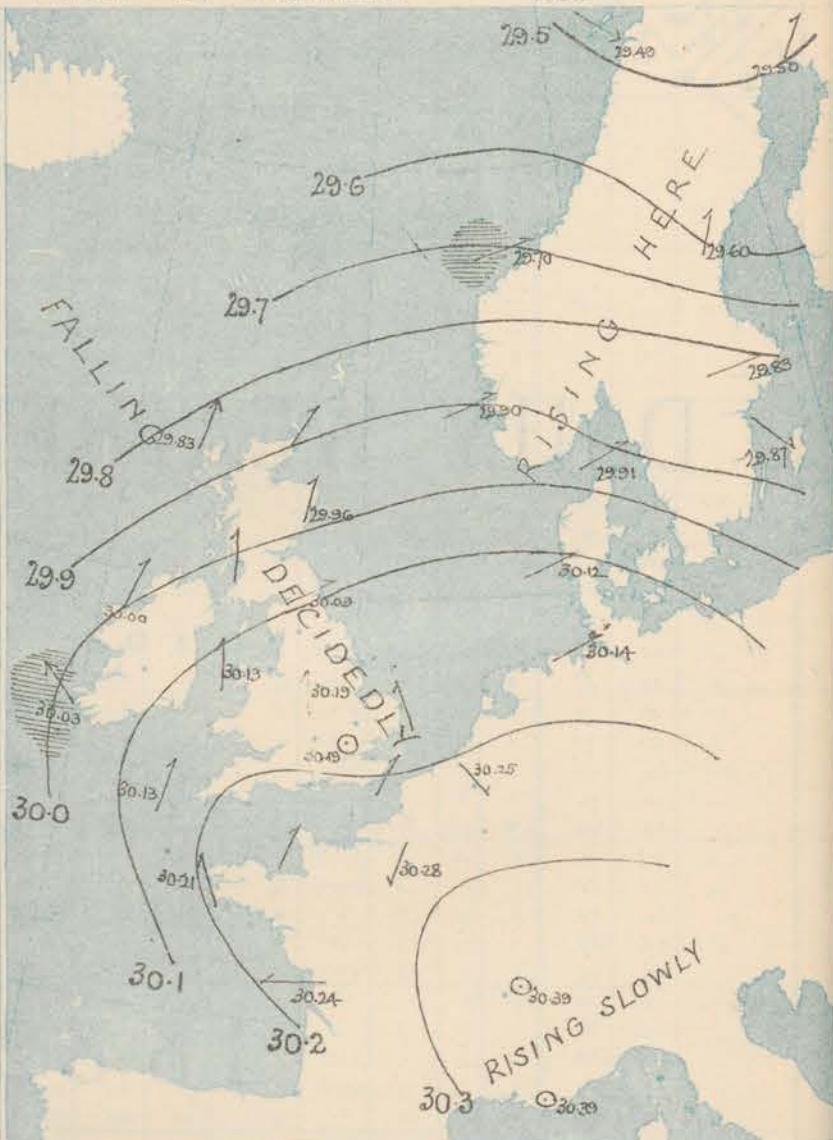
Sea Disturbance, where considerable, is shown by shading round the coast, thus ——— = Rough; ——— = High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February.

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greencastle	29.847
Holyhead	29.889
Valencia	29.903
Roche's Pt	29.922
Plymouth	29.993
LONDON	29.983
Yarmouth	29.974

\* 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.

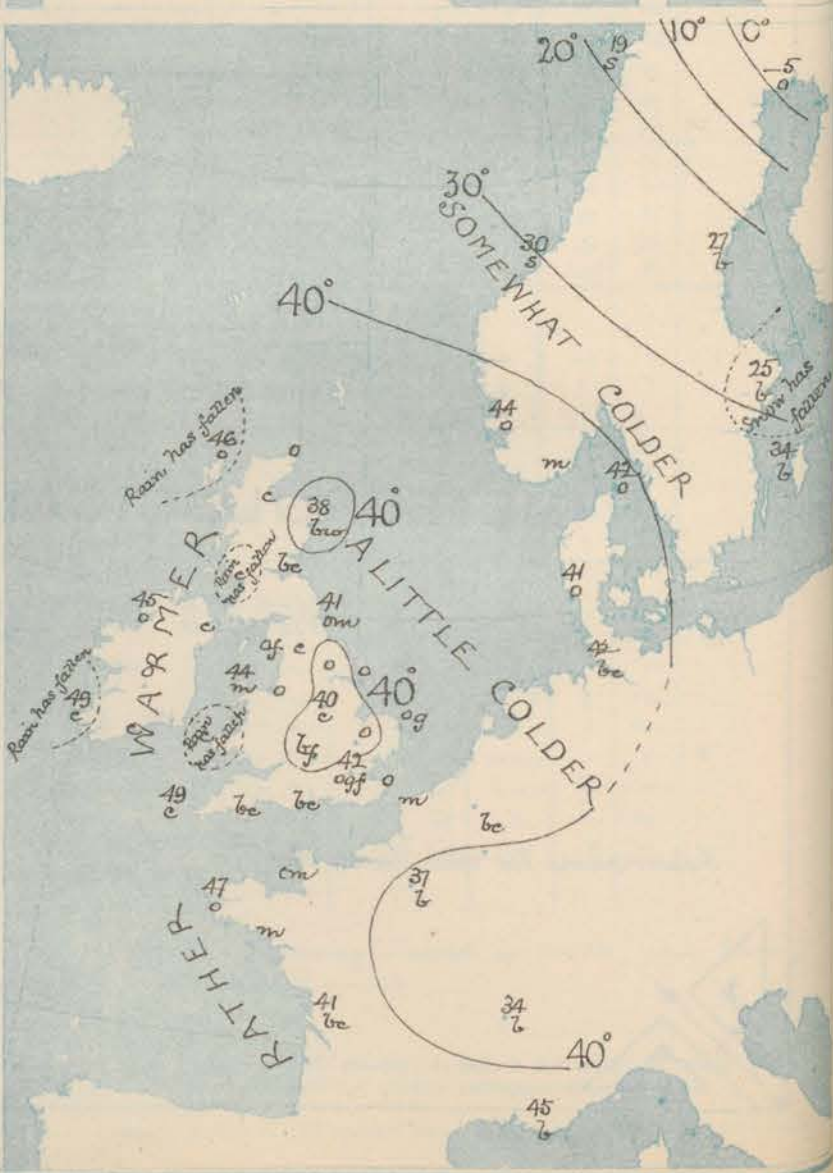
Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of February

Stations	Temp	Rain-fall
	°	ins.
Sumburgh Head	38.5	2.90
Sornoway	39.4	4.31
Aberdeen	39.1	2.20
Shields	39.3	1.61
York	39.7	1.75
Mullaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Silly (St Mary's)	45.8	2.68
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	3.05

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





# REMARKS

for FRIDAY 24<sup>TH</sup> FEB<sup>R</sup> 1882 at 8 a.m.

The barometer has risen somewhat over Scandinavia, as the depression noticed there yesterday has passed away, but in all other parts of Western Europe pressure has given way. The change has been greatest on our western coast, the area of highest pressure has again receded over France, and slight gradients for S<sup>W</sup> winds have been formed in the west. The wind remains E<sup>SE</sup> over France, but has shifted to S. or SW. on our coast, and draws into W. over Scandinavia. It blows freshly at Valencia and Stornoway, but is light or moderate in force generally. The weather is fine in parts of France, the south of England and the east of Scotland, but is cloudy or dull in most districts, with a good deal of fog and mist. There has again been scarcely any rain except in the extreme west and north-west. Temperature has fallen slightly and ranges from 49° in the south-west to 38° at York and Aberdeen. The sea is moderate or smooth except at Valencia and Christiansund, where it is rather rough.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

25<sup>TH</sup> FEBRUARY

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S <sup>W</sup> or SW <sup>W</sup> winds, rather fresh; dull, slight rain.	6 SCOTLAND WEST	SE <sup>W</sup> and SW <sup>W</sup> winds, freshening; cloudy, mild, misty.
2 SCOTLAND EAST	SW <sup>W</sup> winds, light; fair, mild.	7 ENGLAND N.W.	-----D°-----D°-----D°-----
3 ENGLAND NE	-----D°-----D°-----D°-----	8 ENGLAND S.W.	SE <sup>W</sup> and S <sup>W</sup> winds, fresh or strong; cloudy, fair.
4 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	SE <sup>W</sup> and SW <sup>W</sup> winds, fresh; cloudy, slight rain in W.
5 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	Light breezes, becoming S <sup>W</sup> or SW <sup>W</sup> ; sky clearing somewhat, fine and bright.	WARNINGS	The south cone was hoisted last evening in district N° 10.



# METEOROLOGICAL OBSERVATIONS FOR

24<sup>th</sup> FEB<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	29.21	6	N	4	b	29.50	-	-5	-5		SW	2	0	*	12	?	-		
Hernösand	29.47	27	WNW	6	b	29.60		27	24		SW	2	6	*	37	27	-		
Stockholm	29.62	29	W	6	b	29.87		26	22		W	2	6	*	41	?	0.39		
Wisby	29.63	37	NW	6	c	29.87		34	30		NW	4	6	*	41	?	-		
Bodo	29.32	27	N	6	b	29.49	+0.61	19	18	-12	NW	6	6	3	?	19	-		
Christiansund	29.70	31	WNW	8	0	29.70	+1.19	30	30	-1	WSW	2	8	5	?	19	-		
†Skudesnaes	29.84	45	WSW	4	0	29.90	+0.06	44	42	+5	WSW	2	0	4	45	39	-		
Oxö (Xiansund)	29.79	44	WSW	6	b	29.91	+0.31	42	42	-2	WSW	4	W	3	46	41	-		
Skagen (The Skaw)	29.81	43	W	6	c	29.91	+0.24	42	41	0	WSW	4	0	4	45	?	-		
Faro	30.08	41	WNW	4	b	30.12	+0.11	41	41	-2	WSW	4	0	*	45	41	-		
Cuxhaven	30.11	43	W	3	b-c	30.14	+0.06	42	41	+1	WSW	2	6	*	43	39	-		
†Sumburgh Head																			
†Stornoway	30.05	45	WSW	4	b	29.83	-0.27	46	45	0	SSW	5	0	4	49	43	0.15		
Wick	30.02	41	HW	3	b	29.85	-0.16	45	43	0	SW	3	0	3	51	40	-		
Nairn	30.08	49	WSW	2	2	29.92	-0.23	45	43	0	SW	2	0	2	50	40	-		
†Aberdeen	30.10	48	W	4	b-c	29.96	-0.19	38	36	-7	SW	2	6	1	54	34	-		
Leith	30.15	47	W	1	c	30.04	-0.19	42	40	-3	WNW	1	6	*	51	40	-		
†Shields	30.22	46	W	3	0	30.09	-0.18	41	39	-4	WSW	3	SW	2	49	39	-		
Spurn Head	30.24	44	W	3	0	30.17	-0.16	40	37	-3	SW	3	0	2	46	37	-		
York	30.27	44	W	1	0	30.18	-0.14	38	36	-6	SSW	1	0	*	50	37	-		
Nottingham	30.32	41	W	1	0	30.19	-0.20	40	38	-8	S	1	0	*	46	37	-		
†Ardrossan	30.20	46	W	3	0	30.04	-0.24	43	43	-2	S	3	0	2	48	42	0.01		
†Mullaghmore	30.22	47	SSW	3	0	30.00	-0.37	45	43	+1	SSW	4	0	3	50	43	-		
Donaghadee	30.24	45	W	2	0	30.06	-0.31	43	42	0	SSW	2	0	0	49	37	-		
Parsonstown	30.28	44	Z	0	0	30.07	-0.35	41	40	-2	SE	1	0	*	47	40	-		
Barrow-in-Furness	30.27	44	SW	3	0	30.13	-0.22	42	41	-3	S	2	0	2	46	41	-		
†Holyhead	30.30	44	Z	0	0	30.13	-0.28	44	43	+1	S	3	W	2	44	43	-		
Liverpool (Bidston)	30.30	41	W	2	0	30.14	-0.25	41	39	-2	SSW	2	0	1	44	39	-		
†Valencia	30.21	48	ESE	2	0	30.03	-0.37	49	48	+3	SE	5	0	5	50	45	0.19		
Roche's Point	30.24	48	S	3	b-c	30.09	-0.34	48	46	+5	SSW	4	0	3	50	42	-		
Pembroke	30.30	44	ESE	1	0	30.14	-0.30	46	45	+5	S	3	0	1	46	42	0.08		
†Scilly	30.26	49	SE	5	0	30.13	-0.27	49	49	+1	SSW	4	0	3	53	46	-		
Prawle Point	30.32	44	E	3	b-c	30.21	-0.24	44	43	0	SE	2	0	2	47	40	-		
Hurst Castle	30.34	43	ESE	2	c	30.20	-0.26	42	40	+1	ESE	1	0	1	51	38	-		
†Dover	30.36	44	ESE	2	0	30.18	-0.24	43	42	0	SW	3	0	2	46	41	-		
†London	30.33	42	Z	0	0	30.19	-0.24	42	40	-1	Z	0	0	*	45	41	-		
Oxford	30.32	42	SW	1	0	30.18	-0.26	39	37	-2	S	1	0	*	48	38	-		
Cambridge	30.33	41	WNW	1	0	30.18	-0.24	39	38	-3	Z	0	0	*	43	37	-		
†Yarmouth	30.32	44	WNW	1	c	30.19	-0.14	41	39	-1	SSW	2	0	2	47	38	-		
†The Helder	30.28	42	WSW	1	0	30.21	-0.09	41	39	-1	SW	1	0	1	45	41	-		
Cape Gris Nez	30.39	43	Z	0	0	30.19	-0.27	40	39	-3	SE	3	W	1	46	39	-		
†Jersey	30.31	46	E NE	3	b-m	30.25	-0.22	44	44	+2	SW	2	0	3	50	41	-		
Brest	30.28	46	WSW	2	b-c	30.21	-0.19	47	46	+8	SSW	3	0	3	52	37	-		
Lorient	30.23	44	S	3	b	30.18	-0.17	45	44	+4	SSW	1	W	1	50	34	-		
†Rochefort	30.30	49	N	1	b	30.24	-0.10	41	40	+3	E	3	0	2	59	34	-		
Biarritz																			
Corunna	*	*	*	*	*			*						*	*	*			
Brussels	*	*	*	*	*	30.25	-0.17	41	39	-1	WNW	3	0	*	45	39	-		
Charleville	30.32	25	N	1	0	30.32	-0.08	35	?	-1	NE	4	0	*	?	?	-		
Paris	30.38	48	N	1	0	30.28	-0.18	37	34	+1	NE	4	0	*	*	*	-		
Lyons	30.36	46	NE	1	b	30.39	-0.08	34	33	0	SE	1	0	*	52	31	-		
Toulon	30.36	47	WSW	4	b	30.39	+0.01	45	41	+1	Z	0	0	5	54	43	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.00	38	W	2	0	28.85	-0.21	35	35	-3	SW	2	0	*	41	34	-		

## HIGH LEVEL STATION.

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

Hawes Junction	29.00	38	W	2	0	28.85	-0.21	35	35	-3	SW	2	0	41	34	-
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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 ...	29.81	41	40	Z	0	27	4	Valencia ...	30.31	47	46	SE	3	2	3
Sumburgh Head								Scilly ...	30.33	53	50	ESE	3	60	2
Stornoway ...	30.08	49	46	W	5	c	4	Dover ..	30.39	45	42	NW	3	c9	1
Aberdeen ...	30.12	52	46	W	4	b	2	London ...	30.40	45	41	WN	1	0	•
Shields ...	30.24	48	43	W	3	c	2	Yarmouth ...	30.34	46	43	WNW	2	c	2
Ardrossan ...	30.25	47	46	W	3	0	2	Jersey ...	30.37	49	47	E NE	3	b	3
Mullaghmore ...	30.29	49	46	SW	4	0	3	Rochefort ...	30.33	57	54	S	1	bc	2
Holyhead ...	30.37	44	41	WNW	1	09	0								

Pressure, though changing very little, is inclined to decrease generally. At Valencia the wind has shifted to SE. and increased somewhat with rain. Temperature ranges from 53° at Scilly and 52° at Aberdeen to 44° at Holyhead.

## EXPLANATION OF COLUMNS.

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

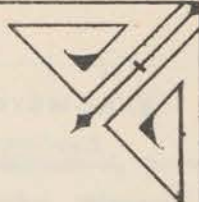
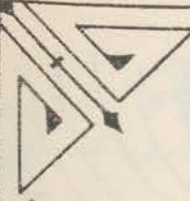
\* AN ASTERISK is inserted in all places for which information is not usually received.

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

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

§ Received too late for insertion in chart.





# DAILY WEATHER REPORT

F O R

SATURDAY 25<sup>TH</sup> FEBRUARY

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.)



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



# WEATHER CHARTS

for 8 a.m. on SATURDAY, 25<sup>TH</sup> FEBRUARY, 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 1 to 4.

○ = dead calm.

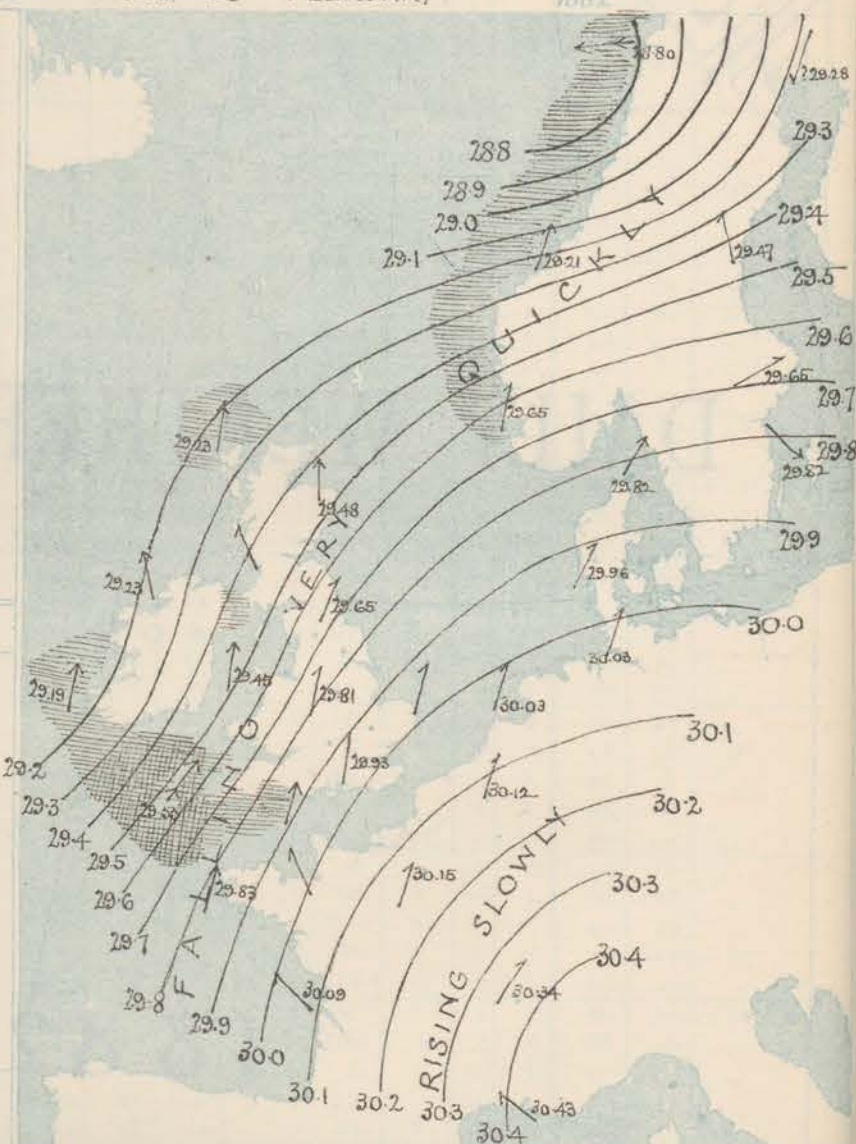
Sea Disturbance, when considerable, is shown by shading round the coast, thus — = Rough, — = High.

## MEAN\* HEIGHT of the BAROMETER

for the month of February.

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Rock's Pt.	29.922
Plymouth	29.923
LONDON	29.963
Vermouth	29.974

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



## TEMPERATURE AND WEATHER

with RAINFALL of 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.

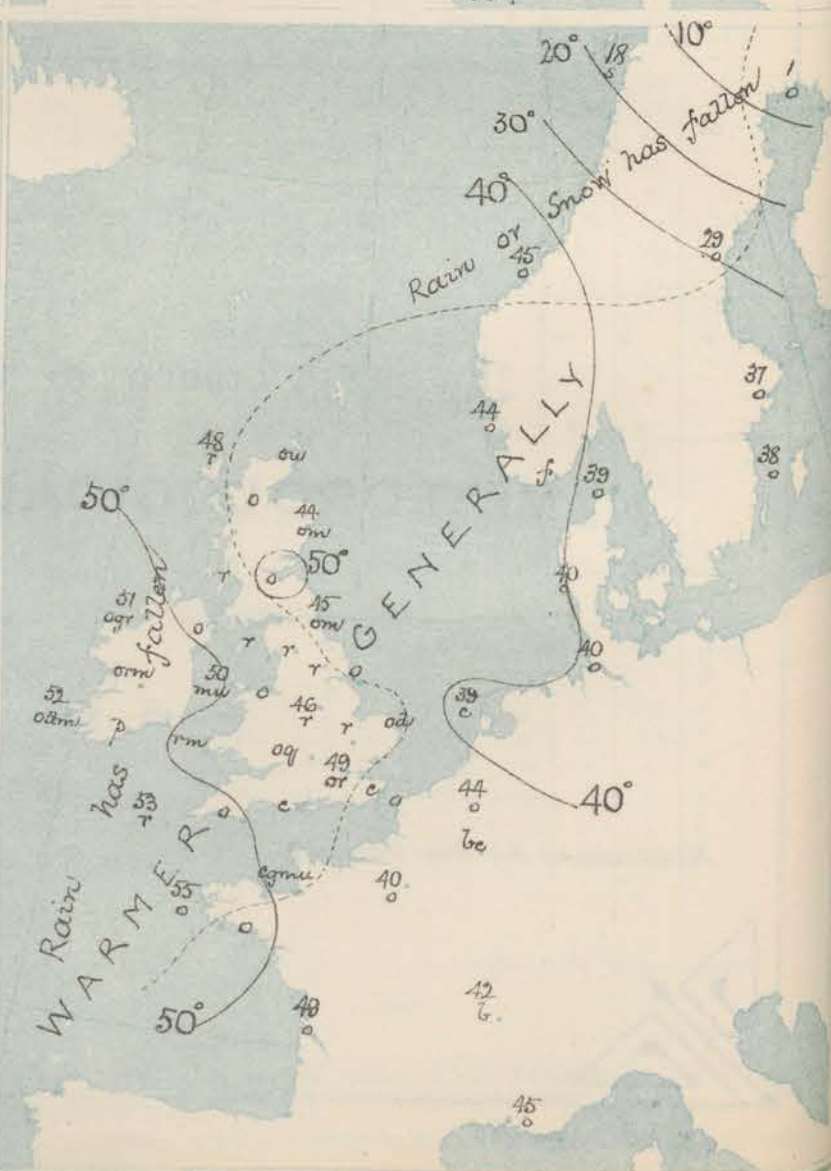
## MEANS\* OF TEMPERATURE

AND RAINFALL.

for the month of February.

Stations	Temp	Rain-fall
Scarborough Head	38.5	2.40
Stornoway	39.4	4.31
Aberdeen	39.1	2.20
Shields	39.3	1.61
York	39.7	1.75
Millaghmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.9	4.31
Sally (St. Mary's)	45.8	2.88
Hurst Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Vermouth	39.6	2.05

\* 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 25<sup>th</sup> FEB<sup>y</sup>. 1882 at 8 a.m.

A rapid fall of the barometer has taken place in the W. and is spreading quickly to all parts of Western Europe. A large depression has advanced to the NW coast of Norway, while a second is approaching the Irish coasts, and in these districts the decrease varies between 0.7 in. and 0.8 in. In the east of France and on the eastern shores of the North Sea on the contrary the change has been very slight and in consequence gradients have increased considerably and the wind which is S<sup>t</sup> generally blows a fresh gale at some of our south-western stations and is rising quickly in most districts. The weather has become dull in nearly all places except in the east of France and rain is falling over the greater part of the British Isles.

Temperature has risen at nearly all stations, and readings range from 53° at Valencia to 44° at Aberdeen and Shields.

The sea is rough in the south-west, west, and north-west as well as off the west of Norway.

MAP SHOWING DISTRICTS.



## FORECASTS

for the 24 hours ending at Noon  
on the

26<sup>th</sup> FEBRUARY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S <sup>ty</sup> winds, strong to a gale; dull, mild weather, some rain then clearing.	6 SCOTLAND WEST	SE <sup>ty</sup> and S <sup>ty</sup> gales, and strong winds; dull, rain.
2 SCOTLAND EAST	----- D° ----- D° ----- D° -----	7 ENGLAND N.W.	----- D° ----- D° ----- D° -----
3 ENGLAND N.E.	----- D° ----- D° ----- D° -----	8 ENGLAND S.W.	S <sup>ty</sup> and S W <sup>ty</sup> gales and strong winds; dull, rain then fair.
4 ENGLAND EAST	S <sup>ty</sup> winds, fresh and gusty; dull and some rain, fair morning.	9 IRELAND NORTH	S <sup>ty</sup> strong winds and gales; dull and rain.
5 MIDLAND COUNTIES	----- D° ----- D° ----- D° -----	10 IRELAND SOUTH	----- D° ----- D° ----- D° -----
6 ENGLAND SOUTH	S <sup>ty</sup> winds, fresh, with gales in some places; cloudy, mild, rainy, fair morning.	WARNINGS	The S. cone is still up in district 10, it has hoisted in district 8 and part of 7 last night and in Nos 1, 2, 6, 9, and parts of 5 & 7 today.



# METEOROLOGICAL OBSERVATIONS FOR

25 FEB.

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 ...	29.67	4	N	4	b	29.28	-22	1	1	+6	NE	2	0	*	7	-9	-		
Hernösand ...	29.87	26	N	0	S	29.47	-13	29	28	+2	S	2	0	*	34	16	0.08		
Stockholm ...	29.70	36	SW	2	b	29.65	-18	37	35	+12	WSW	2	0	*	39	25	-		
Wisby ...	29.86	39	WNW	6	b	29.82	-05	38	36	+4	NW	6	0	*	44	?	-		
Bodo ...	29.58	17	E	2	c	28.80	-64	18	18	-1	E	8	S	5	19	12	-		
Christiansund ...	29.87	44	WSW	9	0	29.21	-49	45	42	+15	SW	5	0	6	45	19	0.24		
†Skudesnaes ...	29.82	43	WSW	4	0	29.65	-25	44	43	0	SSW	6	0	5	46	43	-		
Oxö (Xiansund) ...	29.86	42	SW	6	0	29.73	-18	42	41	0	SW	6	f	4	45	41	-		
Skagen (The Skaw) ...	29.88	42	WSW	5	b	29.82	-09	39	38	-3	SW	5	0	4	45	?	-		
Fanø ...	30.04	39	WSW	4	0	29.96	-16	40	40	-1	SW	4	c	*	41	39	-		
Cuxhaven ...	30.06	?	SW	2	bc	30.03	-11	40	40	-2	SW	2	0	*	43	37	-		
†Sumburgh Head ...	29.67	47	S	4	c	29.23	-60	48	48	+2	S	6	1	6	48	45	0.05		
†Stornoway ...	29.71	44	SSW	4	b	29.34	-51	46	45	+1	SSW	3	0	3	49	41	-		
Wick ...	29.74	45	SW	1	b	29.36	-56	49	47	+4	SSW	1	0	1	49	44	-		
Nairn ...	29.82	46	WSW	4	b	29.48	-48	44	43	+6	S	6	om	3	53	37	-		
Leith ...	29.90	48	N	2	bc	29.49	-55	51	48	+9	SW	2	0	*	51	40	-		
†Shields ...	29.98	46	WSW	3	om	29.65	-44	45	44	+4	SW	4	om	2	49	38	-		
Spurn Head ...	30.07	43	SW	3	0	29.81	-36	44	43	+4	S	4	0	3	45	39	-		
York ...	30.05	43	SW	1	0	29.73	-42	45	44	+7	S	2	1	*	46	38	0.01		
Nottingham ...	30.12	42	SSW	2	bc	29.81	-38	46	46	+6	SSW	3	1	*	48	39	0.02		
†Ardrossan ...	29.90	45	WSW	3	om	29.41	-63	48	48	+5	SSE	4	1	3	48	41	0.06		
†Mullaghmore ...	29.83	50	SSW	5	c	29.23	-77	51	49	+6	SSE	5	0	3	53	42	0.01		
Donaghadee ...	29.92	46	S	1	c	29.41	-65	48	48	+5	S	7	0	5	49	42	0.05		
Parsonstown ...	29.90	48	SSE	1	bc	29.28	-79	51	50	+10	SE	1	1	*	55	40	0.06		
Barrow-in-Furness ...	30.02	44	SSW	2	c	29.59	-54	46	45	+4	SE	6	1	4	46	41	0.03		
†Holyhead ...	30.01	47	N	0	b	29.45	-58	50	49	+6	S	6	1	4	50	43	0.10		
Liverpool (Bidston) ...	30.03	47	SW	2	0	29.61	-53	47	46	+6	SE	5	0	3	49	41	0.03		
†Valencia ...	29.79	51	ESE	6	omg	29.19	-84	52	51	+3	SSW	6	0	6	53	48	0.37		
Roche's Point ...	29.84	50	S	5	0	29.28	-81	51	51	+3	SSW	8	1	4	52	48	0.28		
Pembroke ...	30.02	48	S	3	0	29.54	-60	49	49	+3	S	7	1	3	50	45	0.15		
†Scilly ...	29.99	51	S	6	1	29.55	-58	53	53	+4	SW	0	1	7	54	48	0.23		
Prawle Point ...	30.12	48	S	2	0	29.76	-45	51	50	+7	S	7	0	5	52	45	0.09		
Hurst Castle ...	30.17	46	SW	3	bc	29.86	-34	49	48	+7	SSW	6	0	3	49	41	0.06		
†Dover ...	30.18	45	SW	2	b	30.05	-16	46	45	+3	WSW	2	c	2	49	41	-		
London ...	30.16	44	SW	1	0	29.93	-26	49	47	+7	S	4	0	*	50	42	-		
Oxford ...	30.12	43	SW	2	0	29.83	-35	48	47	+9	SE	4	0	*	48	39	0.04		
Cambridge ...	30.14	44	NW	1	bc	29.87	-31	46	45	+7	S	1	1	*	48	35	0.02		
†Yarmouth ...	30.12	42	W	2	om	29.95	-24	45	44	+4	SSW	3	0	0	45	39	-		
The Helder ...	30.10	41	S	1	0	30.03	-18	39	38	-2	SSW	1	c	1	43	37	-		
Cape Gris Nez ...	30.19	45	SW	3	b	30.04	-15	48	44	+8	S	5	0	2	48	39	-		
†Jersey ...	30.19	47	SE	1	cm	29.94	-31	48	47	+4	SSE	3	0	3	51	43	0.05		
Brest ...	30.12	49	SSE	5	0	29.83	-38	55	54	+8	SSW	7	0	4	?	45	0.08		
Lorient ...	30.12	46	S	4	bc	29.87	-31	54	50	+9	S	5	0	2	?	43	-		
†Rochefort ...	30.22	52	SW	1	0	30.09	-15	49	47	+8	SE	4	0	2	59	34	-		
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Corunna ...	*	*	*	*	*	30.12	-13	44	42	+3	SSW	4	0	*	48	41	-		
Brussels ...	*	*	*	*	*	30.17	-15	38	37	+3	SE	1	bc	*	48	?	-		
Charleville ...	30.22	43	SSE	1	bc	30.17	-15	38	37	+3	SE	1	bc	*	48	?	-		
Paris ...	30.27	47	SW	3	b	30.15	-13	40	39	+3	SSW	1	0	*	*	*	-		
Lyons ...	30.32	53	S	1	bc	30.34	-05	42	40	+8	SW	1	0	*	61	?	-		
Toulon ...	30.40	48	SW	1	b	30.43	+04	45	44	0	SE	3	0	2	54	45	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.77	40	SW	2	0	28.41	-44	45	44	-10	SW	2	1	*	43	35	0.24		

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

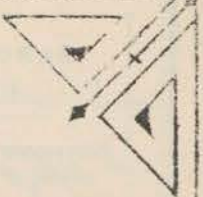
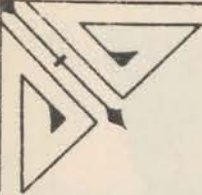
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.88	46	44	WSW	2	0	4	Valencia ...	29.93	52	50	SE	5	0	5
Sumburgh Head								Scilly ...	30.06	54	53	S	4	C	3
Stornoway ...	29.74	47	46	SSW	5	0	5	Dover ..	30.15	48	46	SW	3	C	2
Aberdeen ...	29.87	50	45	SW	4	6	1	London ...	30.17	47	42	W	2	C	*
Shields ..	30.01	48	45	W	1	0	2	Yarmouth ...	30.11	43	42	SW	2	om	2
Ardrossan ...	29.96	46	46	SW	2	0	2	Jersey ...	30.23	48	47	SSW	2	0	3
Mullaghmore ...	29.93	51	48	SSW	5	bc	4	Rochefort ...	30.23	53	48	SW	1	0	2
Holyhead ..	30.06	48	47	SSW	3	0	2								

Pressure continues to decrease everywhere the change being still moderately uniform. The wind remains S<sup>W</sup>, blowing freshly at Valencia and in the N. of Scotland, and the weather, though cloudy, is fair and bright in the E.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

FOR

SUNDAY 26<sup>TH</sup> FEBRUARY

1882


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ISSUED BY THE  
METEOROLOGICAL OFFICE

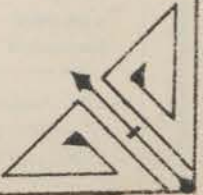
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on *Sunday* 26<sup>th</sup> FEBRUARY 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.

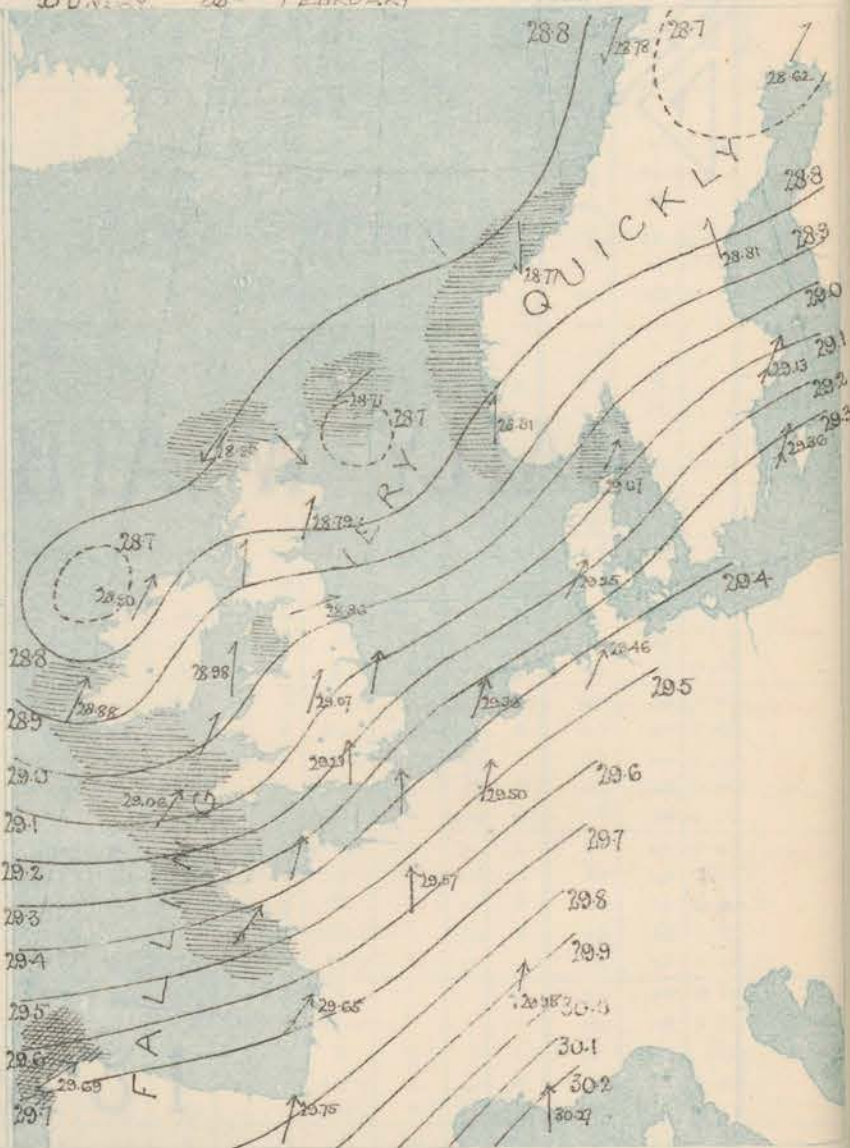
**Wind.** Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force; thus:  
 → forces above 10; →→ forces 8 to 10  
 →→ forces 5 to 7; →→ forces 1 to 4.  
 ☉ a dead calm.

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

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

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.903
Reche's Pt.	29.922
Plymouth	29.993
LONDON	29.983
Wormouth	29.974

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



## TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

### Explanation of Map.

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

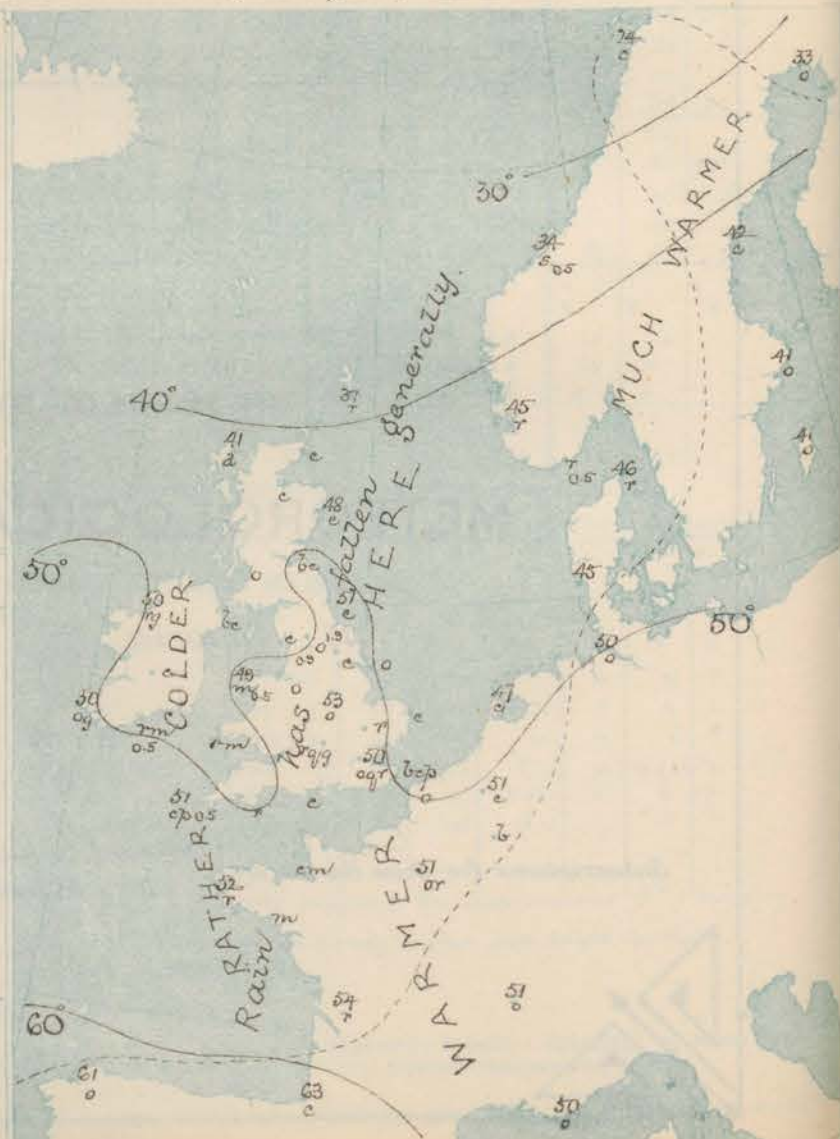
**Weather.** Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

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

Stations	Temp	Rain-fall
Samburgh Head	38.5	2.40
Sarnoway	39.4	4.31
Aberdeen	39.1	2.20
Shields	39.3	1.61
York	39.7	1.75
Mullighmore	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.0	4.31
Sally (St Mary's)	45.8	2.38
Hurst Castle	41.0	?
Dover	41.0	1.75
LONDON	41.2	1.58
Wormouth	39.6	2.06

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





## REMARKS

for Sunday 26<sup>TH</sup> FEB<sup>R</sup>Y. 1882 at 8 a.m.

A rapid decrease of pressure has taken place over the whole of Western Europe and a band of low readings within which the barometer is below 28.8 ins.; extends from the north of Ireland north eastward as far as the Gulf of Bothnia. E<sup>ry</sup> winds are reported from the NW. coast of Norway and from the extreme north of Scotland, but in all other parts of these Islands, as well as over France and the E shores of the North Sea, SW<sup>ly</sup> strong winds and gales prevail. Temperature has fallen in the W. and N. but risen in the E. and SE., and readings range between 47° and 50° in Ireland, between 49° and 51° over England and between 41° and 51° over Scotland. The weather is very unsettled and the sky overcast, with rain in many parts of the country.

The sea is rough off the coast of Norway, and off our N<sup>o</sup>, W<sup>o</sup>, and S<sup>o</sup> coasts, as well as in the Bay of Biscay.

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
1	SCOTLAND EAST
2	ENGLAND N E
3	ENGLAND EAST
4	MIDLAND COUNTIES
5	ENGLAND SOUTH

## FORECASTS

NO ONE ISSUED

### DISTRICTS

6	{	SCOTLAND WEST
7	{	ENGLAND N. W.
8	{	ENGLAND S. W.
9	{	IRELAND NORTH
10	{	IRELAND SOUTH

## WARNINGS

The swallows are flying over all coasts.



# METEOROLOGICAL OBSERVATIONS FOR 26<sup>TH</sup> FEB<sup>R</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.		
			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	28.82	31	SW	4	o	28.62	-.66	33	32	+ 32	SW	2	o	*	?	o	0.20		
Hernösand	29.12	39	SSW	2	o	28.81	-.66	42	39	+ 13	S	2	c	*	42	23	—		
Stockholm	29.50	39	WSW	6	o	29.13	-.52	41	40	+ 4	SW	8	o	*	43	36	—		
Wisby	29.74	38	WSW	6	o	29.36	-.46	41	39	+ 3	SW	8	o	*	41	32	—		
Bodö	28.58	36	SW	8	o	28.48	-.02	24	22	+ 6	NNE	4	c	2	?	?	—		
Christiansund	28.85	45	SW	6	r	28.77	-.44	34	31	- 11	N	4	s	5	46	23	0.47		
†Skudesnaes	29.15	45	SSW	8	r	28.81	-.84	45	45	+ 1	S	4	r	6	45	?	—		
Oxö (Xiänsund)	29.37	42	SSW	8	r	28.95	-.78	44	44	+ 2	SSW	6	r	4	?	41	0.47		
Skagen (The Skaw)	29.49	42	SW	5	r	29.07	-.75	46	46	+ 7	SW	6	r	6	48	?	0.12		
Fanö	29.59	45	SSW	6	r	29.25	-.71	45	44	+ 5	SW	6	c	*	45	39	0.20		
Cuxhaven	29.83	50	SSW	5	o	29.46	-.57	50	49	+ 10	SW	5	o	*	?	39	—		
†Sumburgh Head	28.90	46	S	4	r	28.71	-.43	37	37	—	NE	5	r	5	46	36	0.42		
†Stornoway	28.89	48	S	5	r	28.80	-.43	41	40	- 7	NE	6	d	5	49	39	0.20		
Wick	28.92	47	SSW	4	o	28.72	-.62	48	48	+ 2	NN	3	o	3	48	45	0.10		
Nairn	28.92	50	SSW	4	bc	28.74	-.62	49	47	o	SSW	2	c	1	55	49	0.01		
†Aberdeen	28.98	47	S	5	c	28.79	-.69	48	47	+ 4	SSW	3	c	3	52	43	0.22		
Leith	29.06	47	SW	5	o	28.85	-.64	51	47	o	SW	2	bc	*	54	42	0.02		
†Shields	29.21	52	SW	7	o	28.96	-.69	51	49	+ 6	WSW	4	c	2	53	45	0.02		
Spurn Head	29.40	51	S	6	o	29.10	-.71	50	49	+ 6	SSW	6	o	3	53	44	0.03		
York	29.35	53	S	3	o	29.05	-.68	51	49	+ 6	SSW	1	c	*	55	44	0.11		
Nottingham	29.44	53	SSW	5	o	29.07	-.74	53	50	+ 7	SSW	3	o	*	55	44	0.03		
†Ardrossan	29.07	48	SSW	4	r	28.88	-.56	47	47	- 1	S	4	o	3	48	45	0.35		
†Mullaghmore	29.00	51	SW	5	r	28.80	-.43	50	49	- 1	SSW	5	rgm	4	55	49	0.17		
Donaghadee	29.10	50	SW	6	o	28.90	-.51	47	47	- 1	SSW	4	bc	2	52	47	0.20		
Parsonstown	29.11	53	S	1	c	28.90	-.38	47	46	- 4	SSE	1	c	*	57	47	0.11		
Barrow-in-Furness	29.26	47	SSW	4	o	28.97	-.62	47	46	+ 1	SSW	4	c	5	49	45	0.88		
†Holyhead	29.26	50	S	6	r	28.98	-.52	49	49	- 1	S	3	m	2	50	48	0.50		
Liverpool (Bidston)	29.31	55	S	3	o	29.01	-.60	50	49	+ 3	SSE	2	o	3	56	47	0.11		
†Valencia	29.07	52	SW	6	o	28.88	-.31	50	49	- 2	SSW	5	ug	5	54	49	0.32		
Roche's Point	29.13	49	SSW	6	r	28.92	-.36	50	49	- 1	SW	6	m	5	53	49	0.48		
Pembroke	29.26	50	SSW	6	or	28.98	-.56	49	49	o	SSW	3	rm	3	51	48	0.36		
†Scilly	29.24	53	SSW	9	r	29.06	-.49	51	51	- 2	SW	6	c	6	56	50	0.50		
Prawle Point	29.51	51	S	8	r	29.10	-.66	50	50	- 1	SSW	7	r	7	52	47	0.10		
Hurst Castle	29.58	52	SW	8	c	29.17	-.69	50	50	+ 1	SW	7	c	6	53	49	0.16		
†Dover	29.69	50	SW	5	bc	29.28	-.74	48	47	+ 2	SW	6	bc	5	51	46	0.09		
†London	29.60	52	SSW	6	odq	29.23	-.70	50	49	+ 1	S	5	ogr	*	55	48	0.24		
Oxford	29.45	54	S	8	o	29.13	-.70	51	50	+ 3	S	6	ogr	*	54	48	0.06		
Cambridge	29.56	52	SSW	3	o	29.17	-.70	51	51	+ 5	S	2	r	*	55	45	0.06		
†Yarmouth	29.61	50	SSW	5	c	29.25	-.70	49	48	+ 4	SSW	5	cq	4	53	44	0.02		
The Helder	29.65	51	SSW	7	o	29.36	-.67	47	46	+ 8	SSW	7	c	3	52	39	—		
Cape Gris Nez	29.76	54	SSW	8	o	29.34	-.70	50	48	+ 2	S	7	o	4	57	45	0.12		
†Jersey	29.71	52	SW	5	c	29.30	-.64	50	50	+ 2	SSW	5	cm	4	54	47	0.31		
Brest	29.23	53	SSW	8	r	29.26	-.57	52	51	- 3	SW	7	r	5	55	45	0.39		
Lorient	29.69	54	SSW	8	m	29.35	-.52	52	?	- 2	SW	8	m	6	55	48	—		
†Rochefort	29.92	57	SSW	7	o	29.65	-.44	54	53	+ 5	SW	8	r	4	61	43	0.12		
Biarritz	30.05	68	SSW	7	c	29.75	-.41	63	55	- 1	SSW	7	c	3	72	55	—		
Corunna	*	*	*	*	*	29.69	-.27	60	*	o	SW	6	o	7	*	*	*		
Brussels	*	*	*	*	*	29.30	-.62	57	?	+ 7	SSW	7	c	*	58	?	0.04		
Charleville	30.61	57	SSE	1	b	29.77	-.40	48	46	+ 10	SE	1	b	*	59	35	—		
Paris	29.96	58	S	4	o	29.57	-.58	51	48	+ 11	S	5	r	*	*	*	—		
Lyons	30.23	52	S	7	c	29.95	-.39	51	42	+ 9	SSW	8	o	*	54	?	—		
Toulon	30.37	51	S	4	o	30.27	-.16	50	50	+ 5	S	5	o	2	57	?	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.97	47	WSW	3	r	29.80	-.61	46	45	+ 1	SSW	2	o	*	49	45	1.86		

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.49	45	43	SSE	8	r	5	Valencia ...	29.20	53	52	SSW	6	rmg	6
Sumburgh Head								Scilly ...	29.48	54	54	SSW	9	r	7
Stornoway ...	29.01	48	48	S	6	rm	6	Dover ..	29.81	51	49	SW	5	op	3
Aberdeen ...	29.17	46	45	S	7	rm	5	London ...	29.69	55	50	SSW	6	opa	*
Shields ...	29.33	51	49	SW	6	o	3	Yarmouth ...	29.72	49	47	SSW	5	cq	3
Ardrossan ...	29.13	48	48	SSE	4	r	4	Jersey ...	29.81	52	51	SW	5	o	4
Mullaghmore ...	29.08	54	52	SW	4	og	3	Rochefort ...							
Holyhead ...	29.23	50	49	S	6	o	4								

The barometer is still falling unsteadily in the N. and SW<sup>ly</sup> gales appear to be spreading all over the country. *Thermif* The signals are now flying on all coasts.

## 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, 27<sup>TH</sup> FEBRUARY.

1882

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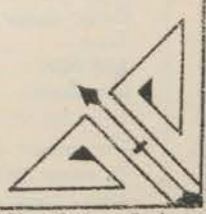
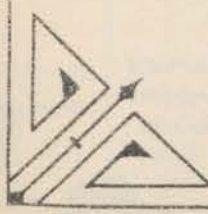
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METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT  
(SECRETARY.)

*Fred<sup>l</sup> Dangerfield, Lith. 22 Bedford St. (opposite Garden).*



# WEATHER CHARTS

for 8 a.m. on Monday 27<sup>th</sup> FEBRUARY 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.

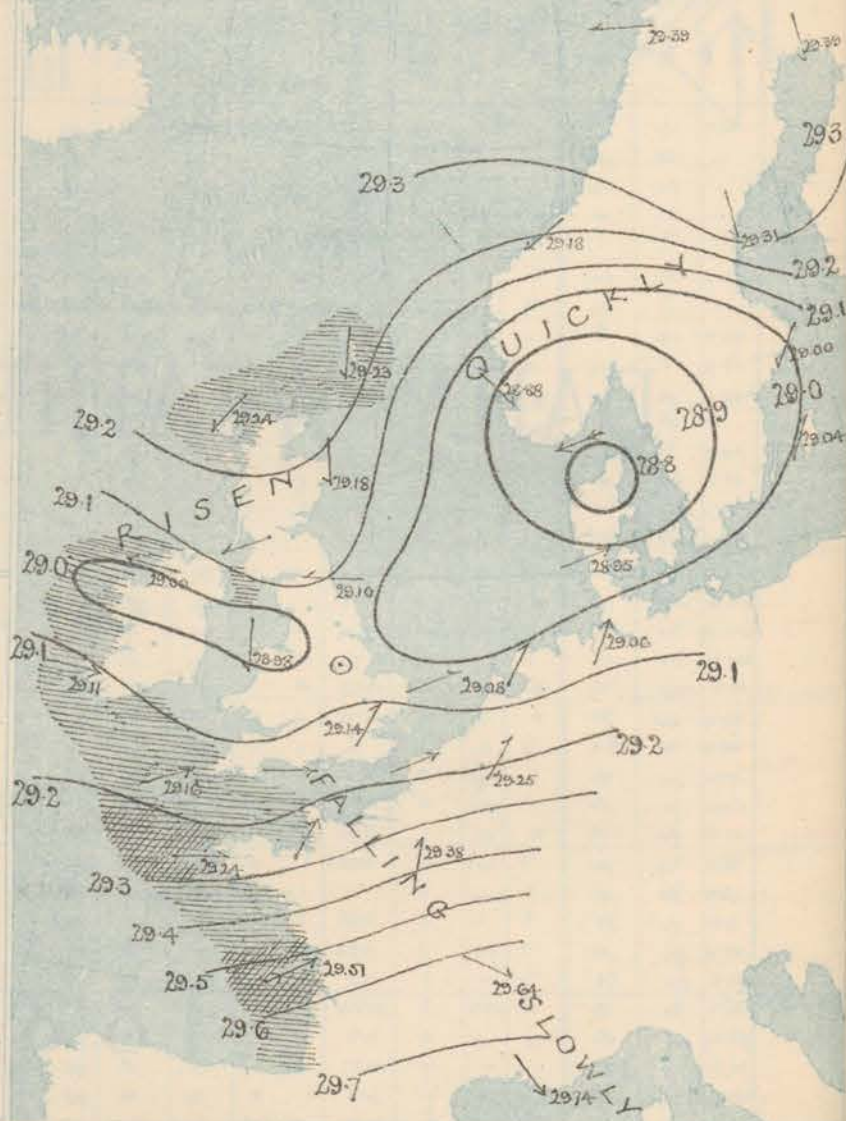
Sea Disturbance, where considerable, is  
shown by shading round the coast, thus  
— Rough — High

## MEAN\* HEIGHT of the BAROMETER

for the month of February

Stations	Mean Readings ins
Nasen	29.774
Aberdeen	29.789
Leith	29.841
Scarborough	29.908
Ardrossan	29.951
Greenock	29.847
Holyhead	29.889
Valencia	29.803
Roche's Pt.	29.922
Plymouth	29.993
LONDON	29.963
Yarmouth	29.974

\* 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 February

Stations	Temp	Rain- fall
Scrimburgh Head	38.6	2.40
Swansea	39.4	4.31
Aberdeen	39.7	2.70
Islands	39.3	1.61
York	39.7	1.75
Malborough	41.7	?
Holyhead	42.5	2.37
Parsonstown	42.0	1.98
Valencia	43.0	4.31
Sally (St Mary's)	45.8	2.88
Ilford Castle	41.9	?
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

\* 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 27<sup>th</sup> FEB<sup>y</sup> 1882 at 8 a.m.

Pressure is changing suddenly and considerably. A band of low readings, having minima over our N.W. coasts, the North Sea and the Skager Rack, stretches from the W. of Ireland eastward as far as the Baltic, while areas of comparatively high pressure are reported from the north of Scandinavia and the south of France. In consequence while NE<sup>y</sup> and E<sup>y</sup> winds are blowing over Sweden, Norway, and our more northern coasts, W<sup>y</sup> winds are experienced in the south and over France. The gales noted yesterday have everywhere died down, but in the north of Ireland, and parts of the Channel and Bay of Biscay the wind is still strong in force. The weather is very unsettled, showers are reported generally - of snow in the N., and of rain in the S. - while during the past 24 hours rain has fallen everywhere. Temperature has fallen in all places, the change being considerable in the N., and readings range from 51° at Scilly to 32° in the Shetlands. The sea is very rough in the Bay of Biscay, rather so on our south-west, west, and north coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

28<sup>th</sup> FEBRUARY.

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND  
NORTH

NE<sup>y</sup> and E<sup>y</sup> winds, moderate and fresh; cold showers, rain, sleet and snow.

6 SCOTLAND  
WEST

Fresh or strong E<sup>y</sup> winds; drizzle, showers hail or rain.

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>y</sup> to NW<sup>y</sup> winds, fresh; showery.

4 ENGLAND  
EAST

W<sup>y</sup> winds, shifting to NW. and N.; cold showers.

9 IRELAND  
NORTH

Same as No 6 and 7.

5 MIDLAND  
COUNTIES

Variable winds subsequently becoming N<sup>y</sup> or NE<sup>y</sup>; fair and mild then turning colder with cold showers.

10 IRELAND  
SOUTH

Same as No 8

6 ENGLAND  
SOUTH

-----D°-----D°-----D°-----

### WARNINGS

The south cone was lowered on all coasts yesterday.



# METEOROLOGICAL OBSERVATIONS FOR

27<sup>th</sup> FEB<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.		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 ...	29.02	10	N	4	C	29.39	+ 7.7	0	0	- 3.3	N	4	0	1	9	-			
Hernösand ...	29.94	13	NE	8	O	29.31	+ 5.0	15	14	- 2.7	N	4	0	16	?	0.16			
Stockholm ...	29.90	42	SW	6	O	29.06	- 1.3	30	29	- 1.1	NE	4	2	47	?	0.16			
Wisby ...	29.17	45	WSW	6	E	29.04	- 3.2	42	42	+ 1	SW	4	0	46	34	0.08			
Bodö ...	29.16	14	E	2	E	29.39	+ 6.1	9	8	- 1.5	E	4	6	25	7	-			
Christiansund ...	29.01	30	ENE	6	O	29.18	+ 4.1	26	24	- 8	ENE	6	0	4	?	0.12			
† Skudesnæs ...	28.81	41	WNW	4	A	28.82	+ 0.7	37	35	- 8	WNW	4	0	4	?	-			
Oxö (Ålsten) ...	28.82	43	SEW	4	S	28.80	- 1.5	35	35	+ 9	ENE	8	5	45	34	0.32			
Skagen (The Skaw)																			
Fanö ...	29.02	45	SSW	6	C	28.95	- 2.0	43	42	- 2	WSW	4	0	46	43	0.16			
Cuxhaven ...	29.14	?	SW	6	O	29.06	- 4.0	49	48	- 1	SW	6	0	65	41	-			
† Sunburgh Head	29.98	36	NNE	5	Sc	29.23	+ 5.2	82	31	- 5	N	4	5	39	30	0.48			
† Stornoway ...	29.99	40	ENE	9	A	29.24	+ 4.4	35	34	- 6	NE	4	0	44	33	0.01			
Wick ...	29.00	39	NE	6	O	29.24	+ 5.2	35	34	- 13	ENE	5	0.5	48	32	0.10			
Nairn ...	29.95	38	NE	6	A	29.21	+ 4.7	36	35	- 13	NE	4	0	50	36	0.49			
† Aberdeen ...	28.85	44	NNE	6	A	29.18	+ 3.0	37	35	- 11	N	4	0.5	56	36	0.25			
Leith ...	28.80	50	SE	8	A	29.16	+ 3.1	39	36	- 12	NE	4	0	58	36	0.35			
† Shields ...	28.82	50	SE	0	O	29.10	+ 1.4	41	39	- 10	E	2	4	56	39	0.09			
Spurn Head ...	28.86	48	SW	5	m	29.00	- 1.0	45	45	- 5	NW	3	0	51	45	0.36			
York ...	28.87	50	SW	1	A	29.06	+ 0.1	43	42	- 8	NNE	1	0	54	43	0.67			
Nottingham ...	29.03	50	SW	4	A	29.13	+ 0.6	47	45	- 6	SW	1	0	53	44	0.30			
† Ardrossan ...	29.03	47	SE	0	Om	29.13	+ 2.8	37	36	- 10	ENE	4	0.2	48	34	0.28			
† Mullaghmore ...	29.76	48	WSW	2	S	29.00	- 2.0	44	43	- 6	E	6	2.9	51	39	0.17			
Donaghadee ...	28.81	49	SW	2	C	29.06	+ 1.6	42	40	- 5	E	7	0	54	41	0.04			
Parsonstown ...	28.85	48	SSW	1	A	29.03	+ 1.3	47	46	0	SW	1	0	54	45	0.45			
Barrow in-Furness	28.87	47	SSW	2	O	29.99	+ 0.2	41	40	- 6	NE	3	0	53	40	0.40			
† Holyhead ...	28.87	48	SW	3	A	29.98	0.0	47	46	- 2	N	2	0	49	46	0.18			
Liverpool (Biston)	28.85	48	SSW	2	A	29.00	- 0.1	46	45	- 4	SE	2	0	51	46	0.51			
† Valencia ...	28.93	51	WSW	5	O	29.11	+ 2.3	48	47	- 2	W	5	0.5	53	46	0.06			
Roche's Point ...	28.94	49	W	5	C	29.09	+ 1.7	47	45	- 3	W	3	0	53	45	0.06			
Pembroke ...	28.95	49	SW	4	O	29.04	+ 0.6	48	48	- 1	W	4	0	50	47	0.61			
† Scilly ...	29.10	51	WSW	8	C	29.46	+ 1.2	51	50	0	WSW	5	0	54	47	0.03			
Prawle Point ...	29.11	49	SW	7	Sc	29.47	+ 0.7	48	47	- 2	WSW	5	0	52	45	0.28			
Hurst Castle ...	29.12	48	W	6	A	29.15	- 0.2	47	46	- 3	W	5	0	52	46	0.03			
† Dover ...	29.13	54	SW	5	Scy	29.16	- 1.2	47	47	- 1	W	4	0.5	56	46	0.16			
† London ...	29.06	50	WSW	5	Sc	29.14	- 0.9	48	45	- 2	SW	4	0	56	45	0.01			
Oxford ...	29.05	49	SSW	7	O	29.10	- 0.3	47	45	- 4	SSW	5	0.5	56	46	0.11			
Cambridge ...	29.01	52	S	3	C	29.10	- 0.7	47	46	- 4	SSW	1	0	59	44	0.02			
† Yarmouth ...	29.01	52	SW	5	Cy	29.08	- 1.7	48	46	- 1	WSW	3	0	55	45	-			
The Helder ...	29.07	47	SSW	5	C	29.08	- 2.8	45	44	- 2	SW	4	0	50	45	0.08			
Cape Gris Nez	29.16	47	SSW	7	O	29.18	- 1.6	46	45	- 4	WSW	7	0	52	43	0.12			
† Jersey ...	29.25	49	SW	7	Sc	29.27	- 0.3	47	46	- 3	SW	6	0.5	54	45	0.35			
Brest ...	29.29	49	W	8	A	29.24	- 0.2	50	48	- 2	W	4	0	52	46	0.16			
Lorient ...	29.33	52	W	7	A	29.28	- 0.7	50	48	- 2	W	5	0	54	45	0.32			
† Rochefort ...	29.54	53	WSW	9	O	29.52	- 1.3	49	48	- 5	WSW	8	0	59	43	0.24			
Biarritz ...																			
Corunna ...																			
Brussels ...						29.25	- 2.5	46	45	- 5	SW	4	0	55	45	0.12			
Charleville ...	29.43	51	S	7	O	29.36	- 4.1	43	44	- 2	SSW	4	0	53	46	0.16			
Paris ...	29.36	50	SW	5	Sc	29.38	- 1.9	48	46	- 3	SSW	3	0			0.16			
Lyons ...	29.49	53	SSW	8	A	29.64	- 3.1	47	43	- 4	WSW	3	0	59	45	0.04			
Toulon ...	29.43	51	S	5	A	29.74	- 5.3	46	45	- 4	NW	5	0	52	45	0.32			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	29.65	45	E	2	O	29.84	+ 0.4	36	35	- 10	E	3	0	50	35	0.36			

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnæs	28.71	45	45	SW	5	Af	6	Valencia					
Sunburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort	29.61	55	54	SW	9 0 7
Holyhead													

## EXPLANATION OF COLUMNS.

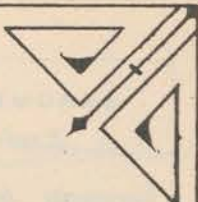
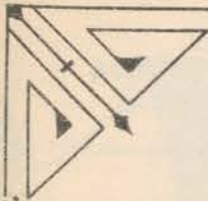
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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





# DAILY WEATHER REPORT

F O R

TUESDAY. 28<sup>TH</sup> FEBRUARY.

1882

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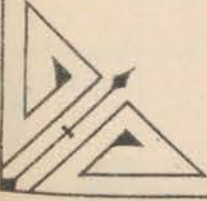
ISSUED BY THE

METEOROLOGICAL OFFICE

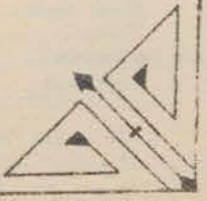
116, Victoria St. LONDON.

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.)





# WEATHER CHARTS

for 8 a.m. on TUESDAY 28<sup>th</sup> FEBRUARY 1882

## BAROMETER, WIND & SEA

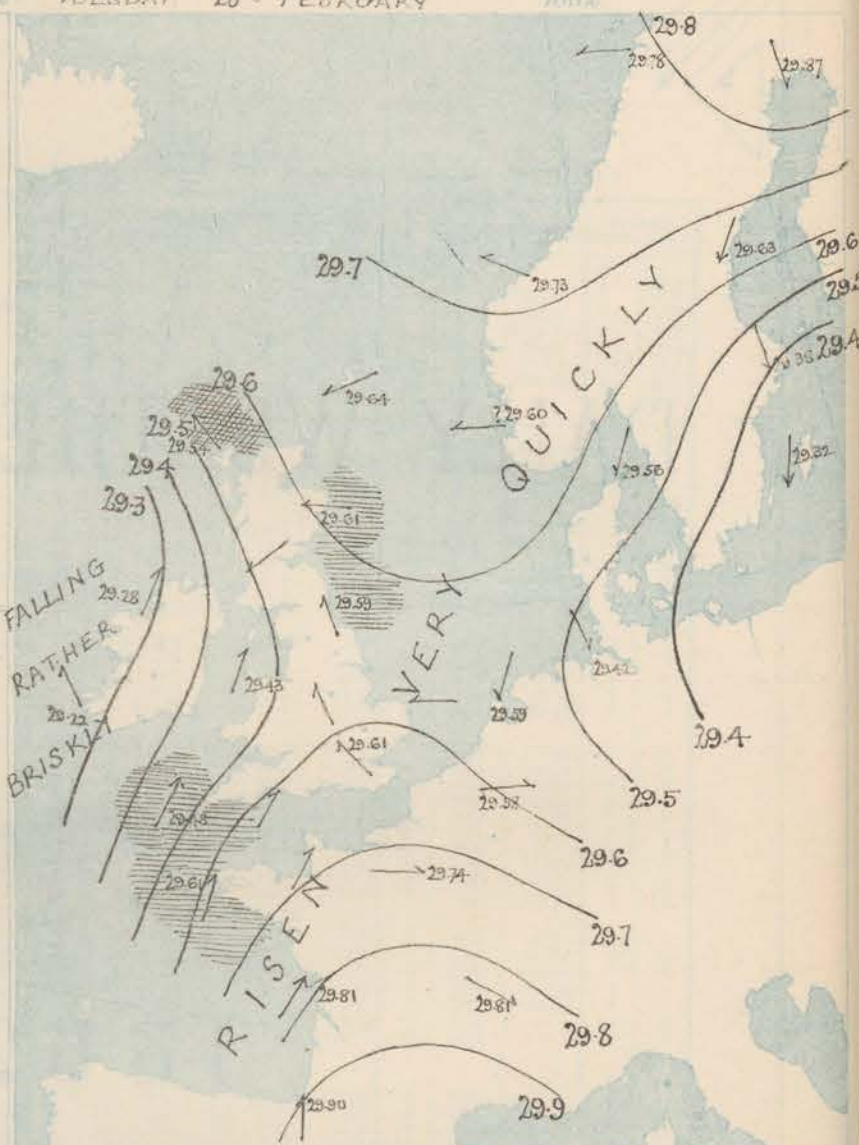
### Explanation of Map

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 5 to 7; → forces 3 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 February.

Stations	Mean Readings
Nairn	29.774
Aberdeen	29.799
Leith	29.841
Scarborough	29.908
Ardrossan	29.851
Greenock	29.847
Holyhead	29.889
Valencia	29.803
Rochester	29.922
Plymouth	29.993
LONDON	29.983
Yarmouth	29.974

\* 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.

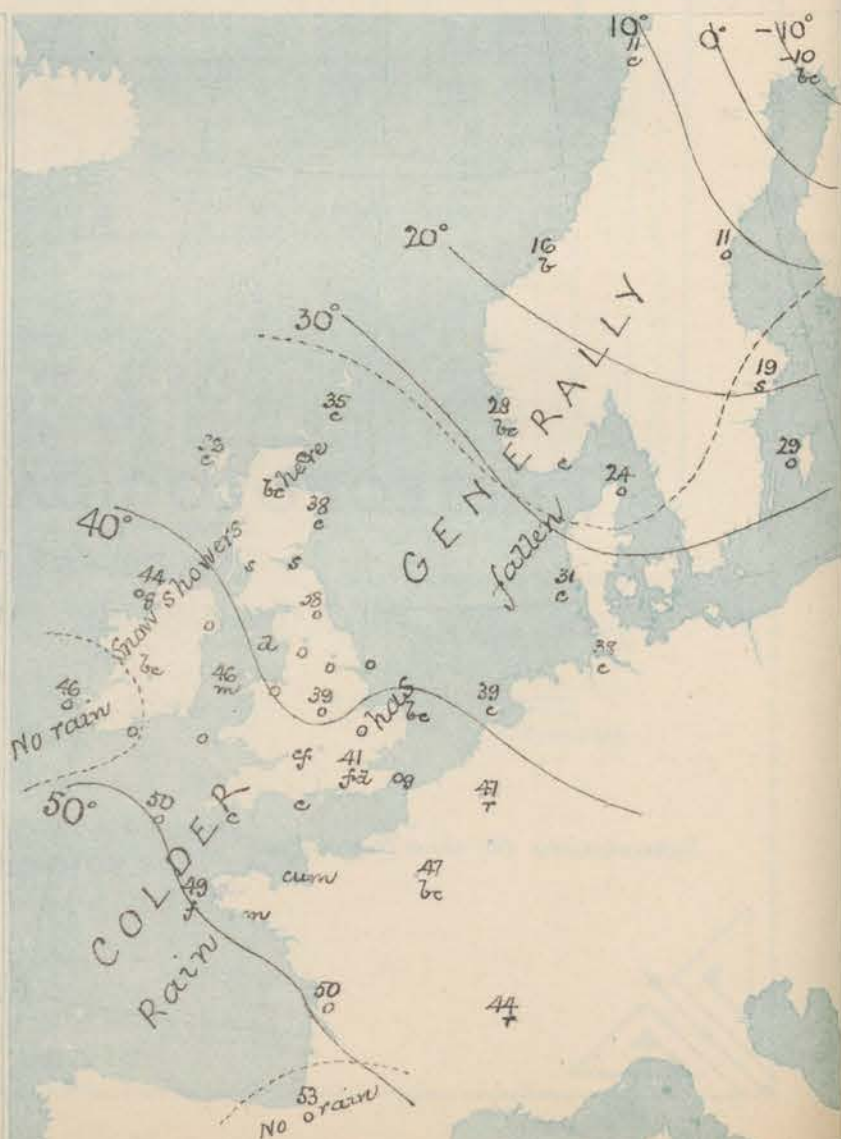
### Explanation of Map

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 February

Stations	Temp	Rain-fall
Samburgh Head	38.5	2.40
Stornoway	39.4	4.31
Aberdeen	39.1	2.40
Shields	39.3	1.61
Lark	39.7	1.75
Malborough	41.7	1.00
Holyhead	42.5	2.37
Parsonstown	42.0	1.99
Valencia	43.9	4.31
Sally (St Mary's)	45.3	2.88
Worst Castle	41.0	2.00
Dover	41.0	1.75
LONDON	41.2	1.58
Yarmouth	39.5	2.05

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





# REMARKS

for Tuesday 28<sup>th</sup> FEB<sup>y</sup> 1882 at 8 a.m

The changes in pressure continue sudden and considerable, and the distribution remains very complicated. The general increase noticed yesterday still holds over a large part of Western Europe, but a new and decided fall has commenced on our western coast. The charts consequently show a large area of comparatively high pressure (29.9 ins.) over the south of France, and a second (29.8 ins.) over the north of Scandinavia, while depressions (29.3 ins.) are shown, — one off the west of Ireland, and a second over the Baltic. The wind is SW<sup>y</sup> over France and our more southern districts, but draws into SE and E. on our more northern coast, while over Scandinavia and Denmark it is NE<sup>y</sup> to E<sup>y</sup>. It blows strongly in some places. Temperature has fallen at most stations, the change being very slight in the south-west, but increasing considerably on our east coast, and on the eastern shores of the North Sea; readings range at present from 51° at Seilly to 32° at Narvik and to -10° at Haparanda. The weather is unsettled generally and the sky is cloudy or overcast except in the W. of Norway, while light snow showers are falling in the S. of Scotland. The sea is rough in the SW. N. and NE

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

1<sup>st</sup> MARCH

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	E <sup>y</sup> and SE <sup>y</sup> winds, strong, perhaps a gale; unsettled, cold showers.	6 SCOTLAND WEST	SE <sup>y</sup> winds, increasing; dull, unsettled, showery.
1 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	-----D°-----D°-----D°-----
2 ENGLAND N.E.	SE <sup>y</sup> winds, increasing; dull, some rain.	8 ENGLAND S.W.	SW <sup>y</sup> and W <sup>y</sup> winds, strong, gusty, perhaps a gale; dull, rain.
3 ENGLAND EAST	E <sup>y</sup> to S <sup>y</sup> winds, increasing; unsettled, some rain.	9 IRELAND NORTH	Same as Nos 6 and 7.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	SE <sup>y</sup> to SW <sup>y</sup> winds, strong, gusty, dull, unsettled, rain.
5 ENGLAND SOUTH	SE <sup>y</sup> and SW <sup>y</sup> winds, moderate, and strong; cloudy and foggy, then milder and some rain.	WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

28<sup>th</sup> Feb.

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 ...	29.71	-6	N	2	6	29.87	+ .48	-10	-10	-10	N	2	6	*	4	?	-			
Hernösand ...	29.52	13	N	8	0	29.61	+ .32	14	9	-4	NE	8	0	*	28	?	-			
Stockholm ...	29.17	22	NNE	4	8	29.38	+ .38	19	18	-11	N	4	8	*	48	?	0.35			
Wisby ...	29.05	42	SW	6	0	29.32	+ .28	29	28	-13	NNE	6	0	*	46	?	0.12			
Bodö ...	29.65	11	E	2	6	29.78	+ .39	13	12	+4	E	2	0	*	14	?	-			
Christiansund...	29.57	17	E	6	6	29.73	+ .55	16	?	-10	ESE	4	6	3	?	5	-			
†Skudesnaes ...	29.19	32	NW	4	8	29.60	+ .72	28	24	-9	E	4	6	4	37	?	-			
Öxö (Klansund) ...	29.23	25	NNE	6	8	29.62	+ .82	21	19	-14	NNE	4	0	3	36	19	-			
Skagen (The Skaw)	29.23	30	NNE	5	0	29.56	+ .76	24	22	-19	NE	4	0	4	43	?	-			
Fanö ...	?	36	NW	3	0	?	?	31	27	-12	?	3	0	*	43	30	0.16			
Cuxhaven ...	29.28	?	SW	4	N	29.42	+ .36	38	37	-11	NW	3	0	*	48	37	0.20			
†Sumburgh Head	29.48	34	NE	4	6	29.64	+ .41	35	31	+3	ESE	4	0	4	36	30	0.01			
†Stornoway ...	29.50	36	NE	4	6	29.54	+ .30	36	33	+1	SE	6	0	7	39	33	0.04			
Wick ...	29.52	39	E	4	6	29.63	+ .39	36	35	+1	E	4	0	3	41	32	0.03			
Nairn ...	29.47	35	ESE	4	0	29.60	+ .39	32	30	-4	ESE	1	6	1	39	29	0.09			
†Aberdeen ...	29.45	37	N	4	6	29.61	+ .43	38	39	+1	E	6	0	6	43	34	0.02			
Leith ...	29.44	41	E	2	0	29.58	+ .42	33	32	-6	S	2	5	*	43	31	0.01			
†Shields ...	29.39	41	E	4	0	29.59	+ .49	38	35	-3	SE	2	0	5	42	34	0.03			
Spurn Head ...	29.30	41	NE	5	0	29.57	+ .57	41	38	-4	E	5	0	4	45	40	0.03			
York ...	29.39	42	NE	1	0	29.59	+ .53	39	37	-4	E	1	0	*	44	37	0.01			
Nottingham ...	29.54	42	NW	3	N	29.64	+ .51	39	38	-8	SE	2	0	*	49	37	0.15			
†Ardrossan ...	29.39	40	ESE	4	0	29.49	+ .36	32	32	-5	ESE	4	8	2	42	31	0.01			
†Mullaghmore ...	29.23	42	ESE	6	g.m.	29.28	+ .28	44	41	0	SSW	4	0	4	46	41	0.14			
Donaghadee ...	29.35	41	E	7	0	29.39	+ .33	42	42	0	SSW	5	0	3	42	38	0.41			
Parsonstown ...	29.28	46	WSW	1	6	29.38	+ .35	41	39	-6	SE	1	6	*	52	40	0.01			
Barrow-in-Furness	29.34	40	NE	4	0	29.49	+ .50	37	36	-4	ESE	4	4	4	43	36	0.01			
†Holyhead ...	29.47	44	ESE	5	m.	29.43	+ .45	46	45	-1	SSW	2	m	2	48	40	0.24			
Liverpool (Bidston)	29.31	40	ESE	4	N	29.49	+ .49	39	38	-7	ESE	4	0	3	47	38	0.14			
†Valencia ...	29.35	48	W	6	bc.m.	29.29	+ .18	46	44	-2	SE	3	0	3	51	44	-			
Roche's Point...	29.34	48	W	5	0	29.37	+ .28	47	45	0	SSW	4	0	4	54	43	-			
Pembroke ...	29.25	48	W	3	0	29.47	+ .43	47	47	-1	SSW	3	0	3	51	44	0.06			
†Scilly ...	29.42	50	WNW	7	c.g.	29.48	+ .32	50	49	-1	SSW	6	0	6	53	46	0.04			
Prawle Point ...	29.38	49	WNW	5	6	29.57	+ .40	47	45	-1	SW	3	0	5	53	44	-			
Hurst Castle ...	29.32	47	W	4	ep	29.59	+ .44	46	45	-1	W	4	0	4	51	45	0.03			
†Dover ...	29.28	48	W	3	6	29.61	+ .45	43	42	-4	N	2	0	1	50	42	0.02			
†London ...	29.27	48	WSW	2	N	29.61	+ .47	41	41	-7	SE	2	f.d.	*	53	40	0.20			
Oxford ...	29.35	43	E	2	N	29.58	+ .48	42	41	-5	SE	2	cf.	*	50	40	0.31			
Cambridge ...	29.32	45	W	1	N	29.62	+ .52	40	39	-7	N	1	0	*	53	38	0.08			
†Yarmouth ...	29.24	43	NE	4	N	29.59	+ .51	41	38	-7	E	3	6	4	51	38	0.22			
The Helder ...	29.30	41	N	3	N	29.59	+ .51	39	36	-6	NNE	1	0	1	46	39	0.08			
†Cape Gris Nez	29.47	47	WSW	5	0	29.61	+ .43	44	44	-2	NW	1	0	2	50	43	-			
†Jersey ...	29.44	49	W	5	bc.m.	29.67	+ .40	46	46	-1	SW	3	cm	3	53	45	0.03			
Brest ...	29.60	50	NW	5	6	29.61	+ .37	49	48	-1	S	4	f	6	52	46	0.83			
Lorient ...	29.50	49	WNW	8	0	29.63	+ .35	48	48	-2	SW	4	m	5	50	45	0.28			
†Rochefort ...	29.59	52	WNW	11	N	29.81	+ .29	50	50	+1	SW	5	0	2	55	43	0.32			
Biarritz ...	29.89	54	WNW	9	0	29.90	+ .10	53	50	+10	S	4	0	6	57	?	-			
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
Brussels ...	*	*	*	*	*	29.58	+ .33	47	45	+1	W	4	N	*	52	46	0.08			
Charleville ...	29.44	47	WSW	1	6	29.66	+ .30	46	44	0	SSW	4	0	*	54	44	2.01			
Paris ...	29.40	52	S	4	6	29.74	+ .36	47	44	-1	WSW	3	6	*	*	*	0.20			
Lyons ...	29.56	50	SSW	4	0	29.91	+ .27	44	42	-3	WNW	1	N	*	55	42	0.04			
Toulon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	29.11	33	E	3	S	28.31	+ .47	32	31	-4	E	2	0	*	37	31	0.04			

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

Hawes Junction	29.11	33	E	3	S	28.31	+1.47	32	31	-4	E	2	0	?	37	31	0.04
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.05	37	32	NW	7	C	5	Valencia ...	29.29	50	46	W	6	o g n	6
Sumburgh Head	29.36	36	32	NE	5	bc	5	Scilly ...	29.32	53	52	W	6	c	6
Stornoway ...	29.42	39	34	NE	5	c	5	Dover ..	29.21	50	49	WSW	5	bc	4
Aberdeen ...	29.35	42	36	NNE	6	C	6	London ...	29.19	50	49	W	5	bc	4
Shields ...	29.30	42	38	E	2	0	4	Yarmouth ...	29.15	50	48	W	2	0	3
Ardrossan ...	29.27	42	42	ENE	4	0	2	Jersey ...	29.35	52	50	W	5	bc	4
Mullaghmore ...	29.16	42	41	E	6	rg	5	Rochefort ...	29.45	54	52	WSW	9	n	7
Holyhead ...	29.16	45	44	E.N.E	4	m	3								

Pressure is increasing over these Islands, decreasing over France; but the wind is changing very little and the weather cloudy, showery, and very unsettled.

## EXPLANATION OF COLUMNS.

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



CORRECTIONS AND ADDITIONS TO THE REPORTS FOR FEB<sup>y</sup> 1888.

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

DATE.	STATIONS.	+ YESTERDAY EVENING.						3 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 19).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 19).			Max.	Min.			
1 <sup>st</sup>	The Helder	30.82	33	ESE	3	b	30.82	+0.9	30	29	-1	ESE	1	b	1	37	28	-		
	Bianity	30.30	53	E	12	bc	30.34	+0.3	42	38	0	E	3	bc	4	59	32	-		
	Corunna	*	*	*	*	*	30.29	+0.6	44	*	-4	ESE	1	?	5	*	*	*		
2 <sup>nd</sup>	Bianity	30.33	53	E	3	b	30.36	+0.2	45	39	+3	ESE	4	b	3	57	32	-		
	Corunna	*	*	*	*	*	30.29	0.0	42	*	-2	E	4	b	1	*	*	*		
3 <sup>rd</sup>	Bianity	30.41	48	E	4	bc	30.45	+0.9	37	32	-8	E	5	bc	4	57	30	-		
	Corunna	*	*	*	*	*	30.31	+0.2	?	*	?	SE	1	b	1	*	*	*		
4 <sup>th</sup>	Bianity	30.39	50	E	4	b	30.36	-0.9	46	41	+9	SE	4	b	5	57	32	-		
	Corunna	*	*	*	*	*	30.31	0.0	43	*	?	SE	1	b	5	*	*	*		
	Lycors	30.63	28	NNE	1	f	30.56	-0.9	25	25	-3	W	1	f	*	30	24	-		
6 <sup>th</sup>	Corunna	*	*	*	*	*	30.26	+0.7	40	*	-1	SE	1	b	1	*	*	*		
7 <sup>th</sup>	Corunna	*	*	*	*	*	30.31	+0.5	42	*	+2	SE	1	b	1	*	*	*		
8 <sup>th</sup>	Corunna	*	*	*	*	*	30.33	+0.2	?	*	?	SE	1	c	1	*	*	*		
9 <sup>th</sup>	Bianity	30.39	48	W	3	b	30.42	+0.3	41	36	-3	E	12	c	3	50	30	-		
	Corunna	*	*	*	*	*	30.32	-0.1	?	*	?	SE	1	o	1	*	*	*		
11 <sup>th</sup>	Corunna	*	*	*	*	*	29.44	-0.6	?	*	?	NE	1	o	4	*	*	*		
13 <sup>th</sup>	Sumburgh Head	29.52	44	SW	5	c	28.89	-5.1	47	45	+1	SW	6	c	6	48	41	0.13		
	Bianity	30.21	53	NNW	7	h	30.39	+4.0	50	48	0	S	4	h	5	54	45	0.28		
	Corunna	*	*	*	*	*	30.36	+1.9	50	*	+4	SSE	1	o	5	*	*	*		
	Charterville	30.06	39	SSW	1	b	?	?	52	27	-5	SSW	1	b	*	54	27	-		
14 <sup>th</sup>	Sumburgh Head	29.01	41	WSW	5	h	29.37	+4.5	37	36	-10	SW	1	o	4	48	36	0.42		
	Corunna	*	*	*	*	*	30.49	+1.3	54	*	+4	SSW	1	o	5	*	*	*		
	Sumburgh Hd 2pm	-	-	-	-	-	29.53	-	34	34	-	WSW	4	s	4	-	-	-		
15 <sup>th</sup>	Sumburgh Head	29.32	24	*	1	bc	29.47	+1.3	50	23	-7	N	5	bc	5	37	23	0.28		
	Bianity	30.53	56	NE	3	b	30.48	-0.4	55	47	+7	WSW	5	bc	6	57	43	-		
	Corunna	*	*	*	*	*	30.53	+0.4	38	*	-16	SSW	2	o	5	*	*	*		
	Sumburgh Hd 2pm	-	-	-	-	-	29.79	-	32	29	-	N	5	bc	5	-	-	-		
16 <sup>th</sup>	Wishy	29.08	37	SW	6	o	29.39	-3.4	37	37	+1	NW	9	bc	*	37	34	0.04		
	Sumburgh Hd	29.92	31	N	5	c	29.56	+0.9	36	35	+6	S	4	h	5	36	28	0.01		
	The Helder	29.94	40	NNW	2	b	30.28	+4.7	36	36	-9	SW	1	c	2	45	32	0.43		
	Corunna	*	*	*	*	*	30.58	+1.5	50	*	+12	ENE	4	o	5	*	*	*		
	Sumburgh Hd 2pm	-	-	-	-	-	29.30	-	42	38	-	W	5	bc	5	-	-	-		
17 <sup>th</sup>	Haperanda	23.97	9	Z	0	b	29.10	+3.9	11	10	+3	NW	2	b	*	16	7	-		
	Wishy	29.51	?	NNW	8	b	29.08	-3.1	36	36	-1	NW	4	o	*	37	?	0.32		
	Sumburgh Hd	29.14	43	W	7	o	29.59	+0.3	36	35	0	NW	2	c	4	45	33	0.13		
	The Helder	29.97	44	WSW	5	h	29.97	-3.1	44	42	+8	W	4	c	3	45	?	0.32		
	Corunna	*	*	*	*	*	30.58	-1.0	?	*	?	ENE	2	b	4	*	*	*		
	Sumburgh Hd 2pm	-	-	-	-	-	30.67	-	41	40	-	NW	5	s	4	-	-	-		
18 <sup>th</sup>	Sumburgh Hd	29.71	42	NW	4	o	29.15	-4.4	46	46	+10	SW	5	h	5	49	36	0.66		
	Corunna	*	*	*	*	*	30.48	-1.0	42	*	?	E	1	b	1	*	*	*		
	Sumburgh Hd 2pm	-	-	-	-	-	28.91	-	44	42	-	NW	5	c	5	-	-	-		
19 <sup>th</sup>	Sumburgh Hd	29.50	36	NNW	9	c	30.19	+0.4	35	31	-11	NNW	5	b	6	48	33	0.24		
20 <sup>th</sup>	Jans	30.31	37	NW	7	b	30.42	+6.8	40	39	+1	WNW	4	c	*	?	36	-		
	Sumburgh Hd	30.31	43	W	3	c	30.08	-1.1	47	47	+12	W	5	h	5	47	33	0.05		
	Corunna	*	*	*	*	*	30.62	+0.9	51	*	0	NE	6	c	7	*	*	*		
	Sumburgh Hd 2pm	-	-	-	-	-	30.06	-	48	47	-	WNW	5	m	5	-	-	-		
21 <sup>st</sup>	Bodo	29.42	21	NW	9	c	29.62	+3.6	14	12	-13	WNW	8	bc	6	27	12	-		
	Sumburgh Hd	30.11	47	WNW	5	m	30.42	+3.4	40	38	-7	N	3	c	3	49	38	0.09		
	Charterville	30.64	42	SW	4	o	30.49	-1.9	41	40	+3	SW	4	h	*	52	?	0.20		
	Sumburgh Hd 2pm	-	-	-	-	-	30.49	-	40	39	-	W	1	o	3	-	-	-		
22 <sup>nd</sup>	Sumburgh Hd	30.38	45	W	4	h	30.06	-3.6	47	44	+7	W	5	o	5	47	36	0.03		
	Corunna	*	*	*	*	*	30.45	-1.7	42	*	-9	SE	1	b	1	*	*	*		

Continued on Page 7.



## 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 ...	29.793	41.5	36.6	45.4	41.0	28	16 <sup>h</sup>	49	17 <sup>h</sup> 20 <sup>h</sup> 23 <sup>h</sup>	.232
	Wick ...	29.870	41.6	36.8	46.6	41.7	24	16 <sup>h</sup>	51	20 <sup>h</sup> 423 <sup>h</sup>	.239
	Stornoway ...	29.857	43.6	39.0	47.1	43.1	27	16 <sup>h</sup>	51	12 <sup>h</sup>	.257
1. SCOTLAND, E.	Nairn ...	29.910	42.3	38.4	47.8	43.1	22	16 <sup>h</sup>	55	25 <sup>h</sup>	.228
	Aberdeen ...	29.957	41.3	36.6	49.2	42.9	27	16 <sup>h</sup>	56	26 <sup>h</sup>	.220
	Leith ...	30.051	43.0	37.6	50.0	43.8	31	3 <sup>h</sup> 7 <sup>h</sup> 10 <sup>h</sup> + 28 <sup>h</sup>	59	21 <sup>h</sup>	.234
2. ENGLAND, N.E.	Shields ...	30.089	41.7	37.7	48.0	42.9	29	2 <sup>nd</sup>	56	13 <sup>h</sup> 426 <sup>h</sup>	.232
	York ...	30.154	40.6	36.7	47.8	42.3	27	3 <sup>rd</sup>	55	18 <sup>h</sup> 425 <sup>h</sup>	.221
	Spurn Head ...	30.154	40.8	37.8	46.0	41.9	29	2 <sup>nd</sup>	54	13 <sup>h</sup>	.231
3. ENGLAND, E.	Yarmouth ...	30.213	40.3	36.4	45.4	40.9	31	2 <sup>h</sup> 3416 <sup>h</sup>	55	26 <sup>h</sup>	.223
	Cambridge ...	30.230	39.1	33.8	47.4	40.6	24	2 <sup>nd</sup> 43 <sup>h</sup>	59	26 <sup>h</sup>	.219
4. MIDLAND COUNTIES.	Nottingham ...	30.213	40.6	35.6	48.7	42.2	26	2 <sup>h</sup> 344 <sup>h</sup>	56	12 <sup>h</sup> 13 <sup>h</sup> 18 <sup>h</sup> + 21 <sup>h</sup>	.227
	Oxford ...	30.240	39.6	36.2	47.8	42.0	25	4 <sup>h</sup> 45 <sup>h</sup>	56	26 <sup>h</sup>	.221
5. ENGLAND S.	London ...	30.261	40.6	36.6	48.9	42.8	24	2 <sup>nd</sup>	57	12 <sup>h</sup> 414 <sup>h</sup>	.227
	Dover ...	30.266	41.3	38.1	45.9	42.0	32	1 <sup>h</sup> 5 <sup>h</sup> 10 <sup>h</sup>	56	26 <sup>h</sup>	.234
	Hurst Castle ...	30.260	42.1	39.0	48.2	43.6	30	5 <sup>h</sup>	53	25 <sup>h</sup>	.244
6. SCOTLAND, W.	Ardrossan ...	30.034	43.5	40.3	46.7	43.5	31	28 <sup>h</sup>	51	21 <sup>h</sup>	.276
7. ENGLAND, N.W.	*Hawes Junction ...	*28.861	38.0	34.4	42.9	38.7	25	2 <sup>nd</sup>	51	21 <sup>h</sup>	.212
	Barrow-in-Furness...	30.100	41.9	39.5	46.1	42.8	32	2 <sup>nd</sup>	53	21 <sup>h</sup> 426 <sup>h</sup>	.242
	Liverpool Obs <sup>d</sup> Bidston	30.148	42.7	39.8	47.6	43.7	29	2 <sup>nd</sup>	56	13 <sup>h</sup> 425 <sup>h</sup>	.241
	Holyhead ...	30.176	44.9	41.9	48.1	45.0	36	2 <sup>h</sup> 48 <sup>h</sup>	51	13 <sup>h</sup> 416 <sup>h</sup>	.267
8. ENGLAND, S.W.	Pembroke ...	30.181	45.8	43.4	48.4	45.9	39	16 <sup>h</sup>	51	15 <sup>h</sup> 25 <sup>h</sup> 27 <sup>h</sup>	.285
	Prawle Point ...	30.253	44.1	40.5	49.2	44.9	34	5 <sup>h</sup>	55	19 <sup>h</sup>	.273
9. IRELAND, N.	Donaghadee ...	30.074	43.6	40.1	49.1	44.6	35	3 <sup>h</sup> 15 <sup>h</sup> 16 <sup>h</sup>	54	13 <sup>h</sup> 426 <sup>h</sup>	.270
	Mullaghmore ...	30.030	45.6	42.8	49.7	46.3	37	12 <sup>h</sup> 15 <sup>h</sup> 16 <sup>h</sup>	55	9 <sup>h</sup> 425 <sup>h</sup>	.267
10 IRELAND, S.	Parsonstown ...	30.117	43.8	39.9	50.6	45.3	32	19 <sup>h</sup>	57	25 <sup>h</sup>	.252
	Valencia ...	30.117	47.1	42.9	51.9	47.4	35	19 <sup>h</sup>	56	12 <sup>h</sup>	.286
	Roche's Point ...	30.141	46.1	42.1	51.3	46.7	36	12 <sup>h</sup> 15 <sup>h</sup> 19 <sup>h</sup>	55	17 <sup>h</sup>	.271
CHANNEL ISLANDS.	Scilly (St. Mary's)...	30.200	48.4	44.9	51.3	48.1	39	7 <sup>h</sup>	55	14 <sup>h</sup>	.305
	Jersey (Noirmont)...	30.314	42.0	39.0	46.9	43.0	30	6 <sup>h</sup> 47 <sup>h</sup>	54	25 <sup>h</sup> 426 <sup>h</sup>	.241

\*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 FEBRUARY 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.																	
89	8.4	3.64	0.66	17 <sup>h</sup>	24	0	0	0	2	18	3	4	2	2	0	4	7	6	3	0
92	7.5	1.29	0.15	12 <sup>h</sup> 4 13 <sup>h</sup>	16	1	0	0	3	16	6	1	1	2	0	7	5	3	9	0
89	7.5	3.67	0.46	15 <sup>h</sup>	24	1	1	0	4	15	12	0	2	0	2	6	5	11	2	0
85	6.1	2.07	0.49	26 <sup>h</sup>	14	1	0	0	5	8	3	0	1	0	1	1	8	12	1	4
85	4.8	0.85	0.25	26 <sup>h</sup>	14	2	0	0	13	6	6	2	0	1	0	8	10	4	2	1
84	5.6	1.36	0.37	13 <sup>h</sup>	12	2	0	0	4	7	5	1	2	0	0	2	7	13	3	0
88	7.4	0.54	0.27	28 <sup>h</sup>	9	1	0	0	3	11	7	0	0	1	1	0	11	12	1	2
88	7.4	1.21	0.67	26 <sup>h</sup>	8	0	0	0	5	16	0	0	1	1	3	8	2	8	2	3
92	6.6	0.84	0.36	26 <sup>h</sup>	6	0	0	0	6	12	4	1	0	1	3	6	9	6	2	0
90	5.7	1.41	0.42	28 <sup>h</sup>	8	0	0	0	8	7	0	1	0	2	1	6	7	9	2	0
92	8.4	1.56	0.67	14 <sup>h</sup>	9	0	0	0	3	21	0	2	0	1	2	9	6	3	3	2
90	8.3	2.04	0.71	28 <sup>h</sup>	15	0	0	0	3	19	0	0	1	0	2	7	9	4	1	4
91	8.1	1.61	0.57	28 <sup>h</sup>	10	0	0	0	4	19	1	1	0	2	5	5	5	3	2	5
90	8.2	1.29	0.35	28 <sup>h</sup>	7	0	0	0	3	18	4	1	0	1	3	8	7	1	2	5
91	5.4	1.06	0.32	28 <sup>h</sup>	10	0	0	0	7	7	1	5	0	2	1	3	9	7	1	0
91	5.8	1.26	0.56	28 <sup>h</sup>	11	0	0	0	5	4	5	3	1	5	3	3	3	7	3	0
97	8.4	2.93	0.55	12 <sup>h</sup>	21	2	2	0	1	18	3	0	2	1	3	6	4	8	1	3
93	7.4	7.51	1.96	16 <sup>h</sup>	20	0	0	0	4	16	3	0	0	3	0	5	11	6	3	0
92	8.0	2.19	0.68	25 <sup>h</sup>	20	0	0	0	2	18	5	2	3	3	7	2	6	4	1	0
88	8.4	1.52	0.51	26 <sup>h</sup>	12	0	0	0	2	19	1	0	0	1	10	4	4	7	1	1
90	7.1	2.14	0.50	25 <sup>h</sup>	16	0	0	0	4	11	1	1	0	0	0	11	7	6	3	0
93	7.8	3.62	0.81	28 <sup>h</sup>	18	0	0	0	2	12	2	1	1	3	3	8	4	5	3	0
94	7.3	1.44	0.29	28 <sup>h</sup>	10	0	0	0	2	11	1	2	2	2	6	4	5	5	2	0
95	6.6	1.67	0.41	27 <sup>h</sup>	18	0	0	0	5	10	9	0	1	1	2	5	8	8	2	1
87	8.4	2.89	0.56	19 <sup>h</sup>	19	1	2	0	1	15	9	0	1	1	3	5	9	7	2	0
88	7.4	2.34	0.45	26 <sup>h</sup>	18	0	0	0	3	14	0	0	0	0	10	7	6	4	1	0
89	8.7	4.81	0.96	9 <sup>h</sup>	20	0	0	0	1	19	8	1	1	3	8	2	4	4	2	3
87	6.9	4.62	0.95	28 <sup>h</sup>	16	1	0	0	4	11	5	2	0	1	3	8	4	7	3	0
90	8.1	2.56	0.74	28 <sup>h</sup>	16	0	0	0	0	14	9	2	0	3	5	4	7	4	3	0
91	6.1	1.96	0.70	28 <sup>h</sup>	12	0	0	0	4	7	4	1	4	5	3	3	8	2	2	0

Barometric Observations are not corrected for altitude.



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

[illegible]