

19,796

METEOROLOGICAL OFFICE.

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DAILY WEATHER REPORTS.

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1<sup>ST</sup> JANUARY — 30<sup>TH</sup> JUNE,  
1881.





MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH  
DAILY TO THE METEOROLOGICAL OFFICE, FROM JAN 1<sup>ST</sup> TO JUNE 30<sup>TH</sup> 1881





# DAILY WEATHER REPORT

F O R

WEDNESDAY, 1<sup>ST</sup> JUNE.

1881.

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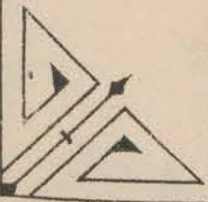
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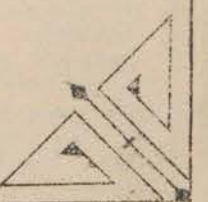
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ROBERT H. SCOTT

(SECRETARY.)



*Fred<sup>r</sup> Doughty, Lith. & Bookb. 17, Ave. de l'Opéra.*



# WEATHER CHARTS

for 8 a.m. on Wednesday, 1<sup>st</sup> June, 1881

## BAROMETER, WIND & SEA

### Explanation of Map

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

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

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

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

○ = dead calm.

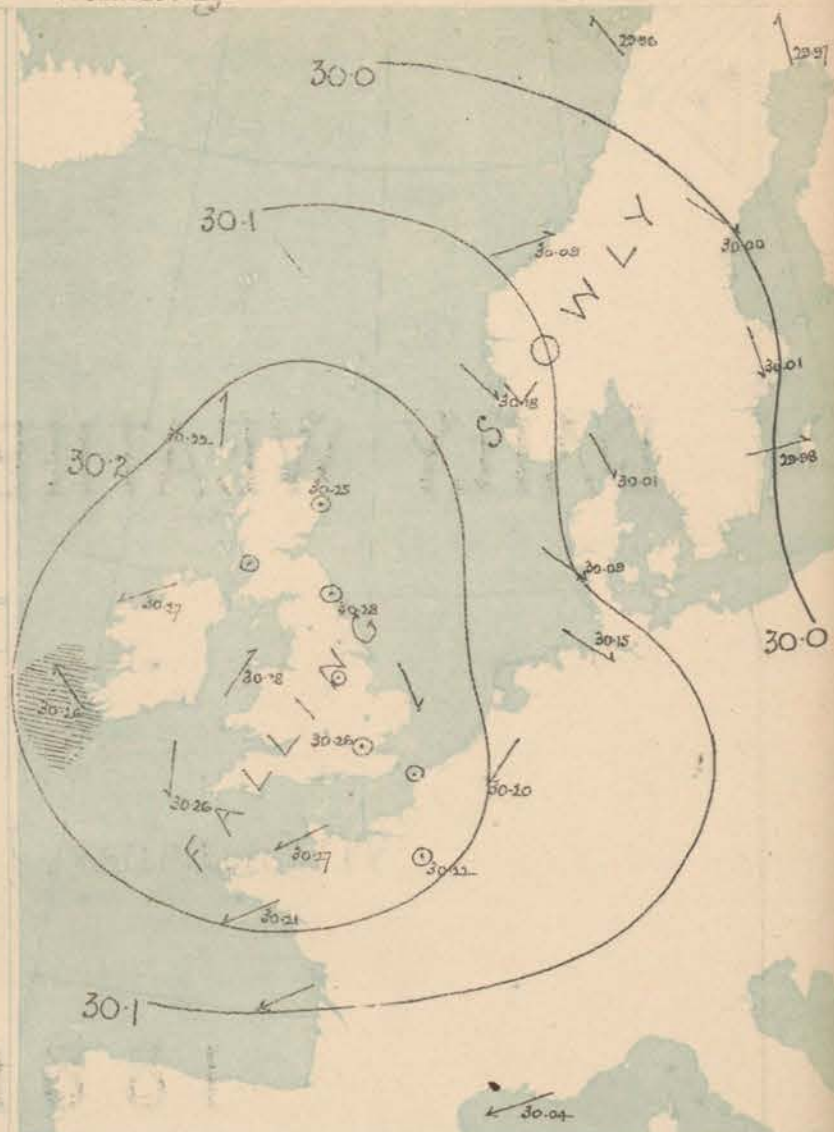
Sea Disturbance; where considerable is shown by shading round the coast, thus — Rough. — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of June.

Stations	Mean Readings
Nairn	29.932
Aberdeen	29.930
Leith	29.968
Scarborough	29.972
Ardrossan	29.952
Greencastle	29.986
Holyhead	30.013
Valencia	30.041
Roches P.	30.033
Plymouth	30.060
LONDON	30.041
Vermouth	30.027

\* 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.

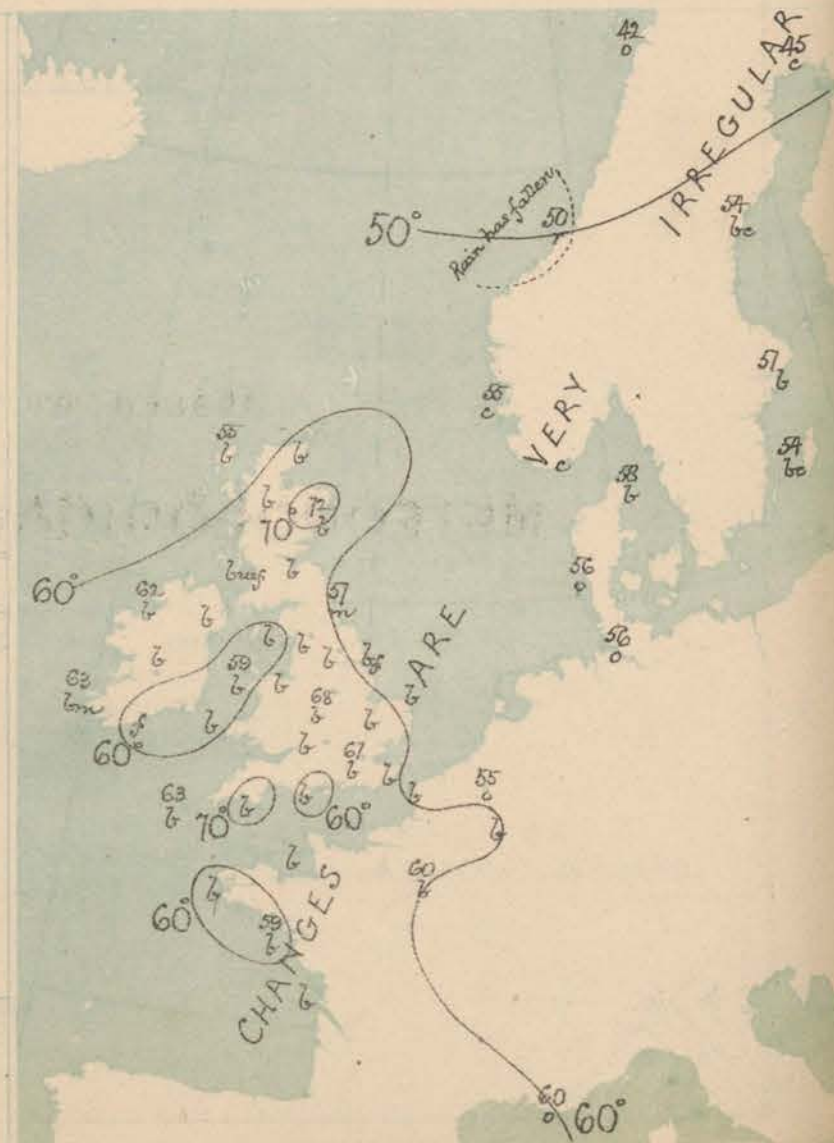
## MEANS\* OF TEMPERATURE

AND RAINFALL

for the month of June

Stations	Temp	Rain-fall
Sunderburgh Head	57.6	1.75
Swanage	57.4	2.03
Aberdeen	56.3	1.63
Shields	58.0	1.50
York	58.8	2.30
Mullaghmore	58.7	?
Holyhead	58.8	1.67
Paranstown	58.6	2.07
Valencia	58.8	2.85
Sally (St Mary's)	60.2	2.23
Ilfracombe	59.9	?
Dover	59.7	1.70
LONDON	61.2	2.17
Vermouth	59.3	2.23

\* 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> JUNE 1881 at 8 a.m.

The barometer has fallen in all places, but the change has been very uniform, and in consequence there has been little change in the general distribution of pressure over Western Europe, a large anticyclone still holding over the whole of the United Kingdom and the north of France, while comparatively low pressures are reported from the north of Sweden and south of France. Light variable breezes prevail over the greater part of these islands, while light NW<sup>ly</sup> winds are felt over Scandinavia, E<sup>ly</sup> winds over France, and SE<sup>ly</sup> winds in Ireland. On the eastern shore of the North Sea the sky is cloudy with rain at Christiansund, but in all other places the weather is exceedingly fine, though hazy in a few places. There has again been a complete absence of rain within these islands. Temperature has changed irregularly and readings range from 72° at Aberdeen and 71° at Hawke's to 55° at Ramsgate in Thames and Swan Head. The maxima yesterday were 81° at Nottingham, 81° at York and 79° in London and at Cambridge. Sea is smooth except at Valentia.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

2<sup>nd</sup> JUNE.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	S <sup>ly</sup> or variable breezes, fine, warm.
2 SCOTLAND EAST	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
3 ENGLAND N.E.	Light variable airs, misty, warm inland.
4 ENGLAND EAST	Light breezes, generally E <sup>ly</sup> or NE <sup>ly</sup> very fine and warm, hazy.
5 MIDLAND COUNTIES	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
6 ENGLAND SOUTH	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Variable to S <sup>ly</sup> breezes, fine, warm hazy.
7 ENGLAND N.W.	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
8 ENGLAND S.W.	NE <sup>ly</sup> and N <sup>ly</sup> winds, light or moderate; fine, hazy.
9 IRELAND NORTH	SE <sup>ly</sup> and S <sup>ly</sup> winds, light or moderate; fine generally but becoming cloudy in W.
10 IRELAND SOUTH	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
WARNINGS	None issued.



# METEOROLOGICAL OBSERVATIONS FOR

1<sup>st</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.99	40	SW	2	c	29.97	- .10	45	39	- 3	S	2	c	*	54	36	-		
Hernösand	29.95	59	NW	2	c	30.00	- .04	54	47	- 3	NW	2	bc	*	64	46	-		
Stockholm	30.02	54	SW	2	c	30.01	- .05	57	50	- 4	N	2	bc	*	70	52	-		
Wisby	30.04	55	SSW	4	c	29.98	- .08	54	47	+ 6	W	2	bc	*	61	41	-		
Bodö	30.05	41	WSW	2	o	29.96	- .12	42	41	+ 2	SE	1	o	1	43	39	-		
Christiansund	30.19	49	W	4	f	30.09	- .11	50	50	+ 5	WSW	3	N	2	50	37	0.12		
†Skudesnaes	30.23	52	NW	5	o	30.18	- .08	55	53	+ 4	NNW	4	c	2	55	?	-		
Oxö (Xpiansund)	30.05	67	NW	4	o	30.04	- .16	64	?	+ 1	NNW	1	o	1	66	59	-		
Skagen (The Skaw)	30.06	58	WSW	3	o	30.01	- .14	58	55	+ 1	NNW	3	bc	3	75	52	-		
Fanö	30.17	51	NW	4	c	30.09	- .12	56	54	- 4	NW	5	o	*	61	50	-		
Cuxhaven	30.18	?	NW	3	o	30.15	- .12	56	55	- 8	NW	3	o	*	?	50	-		
†Sumburgh Head																			
†Stornoway	30.28	62	S	3	o	30.22	- .09	55	52	- 2	S	4	bc	4	63	51	-		
Wick	30.00	61	E	1	bc	30.24	- .08	65	60	+ 1	E	1	bc	1	65	45	-		
Nairn	30.28	65	Z	0	bc	30.25	- .09	62	56	+ 2	Z	0	bc	0	72	52	-		
†Aberdeen	30.32	65	S	1	bc	30.25	- .11	72	62	+ 11	Z	0	bc	0	74	53	-		
Leith	30.30	65	NE	1	bc	30.27	- .11	63	57	- 3	N	1	bc	*	81	46	-		
†Shields	30.32	60	E	1	bc	30.28	- .09	57	54	- 4	Z	0	m	0	70	51	-		
Spurn Head	30.32	59	E NE	2	bc	30.28	- .10	55	53	- 4	NNE	2	bc	2	72	50	-		
York	30.30	74	E	1	bc	30.29	- .10	61	55	+ 2	NNW	1	bc	*	81	50	-		
Nottingham	30.30	73	NW	2	bc	30.30	- .11	68	63	- 1	Z	0	bc	*	84	51	-		
†Ardrossan	30.31	64	Z	0	bc	30.27	- .10	61	57	+ 4	Z	0	bc	0	69	50	-		
†Mullaghmore	30.32	63	WNW	4	bc	30.27	- .10	62	51	0	ENE	2	bc	2	69	59	-		
Donaghadee	30.33	62	WSW	1	bc	30.28	- .11	61	53	+ 5	SSE	1	bc	0	64	42	-		
Parsonstown	30.31	77	Z	0	bc	30.29	- .10	64	57	+ 4	S	1	bc	*	77	47	-		
Barrow-in-Furness	30.31	65	NW	4	bc	30.29	- .10	55	53	- 3	NE	2	bc	2	71	52	-		
†Holyhead	30.34	64	SE	2	bc	30.28	- .10	59	54	+ 3	SW	3	bc	2	68	52	-		
Liverpool (Bidston)	30.35	61	WNW	1	bc	30.29	- .09	65	57	+ 2	NNE	1	bc	1	73	53	-		
†Valentia	30.33	64	Z	0	bc	30.26	- .12	63	55	- 1	SE	5	bc	5	69	49	-		
Roche's Point	30.34	62	SSE	1	bc	30.30	- .08	55	54	- 4	SE	1	f	2	65	48	-		
Pembroke	30.32	66	NNW	3	bc	30.27	- .08	60	58	- 1	NE	1	bc	0	68	54	-		
†Scilly	30.34	62	E	4	bc	30.26	- .09	63	58	- 3	NNE	4	bc	4	66	52	-		
Prawle Point	30.31	65	ENE	1	bc	30.25	- .11	71	64	+ 9	NE	1	bc	1	71	56	-		
Hurst Castle	30.31	62	WNW	2	bc	30.27	- .11	59	58	- 1	E	1	bc	2	72	52	-		
†Dover	30.27	65	NE	3	bc	30.24	- .12	67	57	+ 3	NNE	1	bc	0	67	55	-		
†London	30.29	79	WNW	2	bc	30.26	- .14	67	60	+ 3	SW	1	bc	*	79	47	-		
Oxford	30.29	69	NW	2	bc	30.27	- .14	63	55	+ 2	NE	1	bc	*	76	51	-		
Cambridge	30.28	75	E	1	bc	30.27	- .13	62	56	+ 2	E	1	bc	*	79	47	-		
†Yarmouth	30.29	65	NNE	1	bc	30.25	- .13	59	55	- 1	N	1	bc	1	67	50	-		
The Helder																			
Cape Gris Nez	30.30	57	NE	3	bc	30.31	- .03	56	55	+ 1	NE	1	bc	1	64	52	-		
†Jersey	30.31	65	ENE	3	bc	30.27	- .08	68	58	+ 11	ENE	1	bc	1	69	55	-		
Brest	30.25	64	ESE	5	bc	30.25	- .03	59	53	+ 2	E	5	bc	3	75	52	-		
Lorient	30.18	70	ENE	4	bc	30.21	- .01	59	?	- 1	ENE	4	bc	1	77	54	-		
†Rochefort	30.10	76	NE	5	bc	30.12	- .06	63	51	0	ENE	7	bc	2	82	54	-		
Biarritz	30.13	61	NW	4	o	30.09	?	61	57	?	SW	5	o	3	64	55	-		
Corunna	*	*	*	*	*			*	*					*	*	*			
Brussels	*	*	*	*	*	30.20	- .10	55	52	- 3	NE	3	o	*	74	50	-		
Charleville	30.15	69	E	4	bc	30.16	- .06	61	55	0	E	3	bc	*	73	52	-		
Paris	30.19	71	SE	5	bc	30.22	- .07	60	55	0	Z	0	bc	*	*	*	-		
Lyons														*					
Toulon	30.03	69	NNE	5	bc	30.04	- .06	60	55	- 4	ENE	7	o	?	77	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.99	67	NNW	4	bc	29.96	- .10	61	54	+ 1	SW	2	bc	*	73	49	-		

## HIGH LEVEL STATION.

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

Hawes Junction	29.10	67	NW	4	bc	29.06	61	54	+ 1	SW	2	bc	*	73	49	-	-	-	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes ...	30.25	55	52	NW	3	c	Valentia ...	30.36	69	60	N	3	bc	4
Sumburgh Head							Scilly ...	30.35	63	56	NW	3	b	4
Stornoway ...	30.31	61	69	SSW	4	o	Dover ..	30.34	67	53	NE	3	b	2
Aberdeen ...	30.34	69	58	S	1	bc	London ...	30.33	74	65	NNE	3	b	*
Shields ...	30.35	62	57	ENE	2	b	Yarmouth ...	30.33	66	55	N	2	b	2
Ardrossan ...	30.34	65	61	SW	1	b	Jersey ...	30.33	68	58	NE	4	b	3
Mullaghmore ...	30.36	67	61	N	2	b	Rochefort ...	30.15	75	64	NW	5	c	2
Holyhead ..	30.38	66	60	WSW	2	b								

A slight decrease of pressure is reported generally, but especially in the S.E. of England. The weather is very fine except in the extreme N. of Scotland, and light & variable breezes are reported.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

F O R

THURSDAY 2<sup>ND</sup> JUNE

1881.

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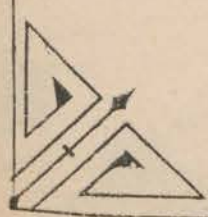
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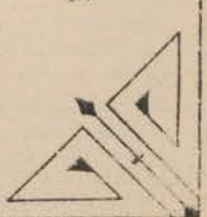
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ROBERT H. SCOTT

(SECRETARY)



*Printed & Published by J. H. P. & Co. at the Office of the Meteorological Office, 116, Victoria St. S. W.*



# WEATHER CHARTS

for 8 a.m. on THURSDAY, 2<sup>ND</sup> JUNE 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

— forces above 10; — forces 8 to 10

— forces 5 to 7; — forces 1 to 4.

○ = dead calm.

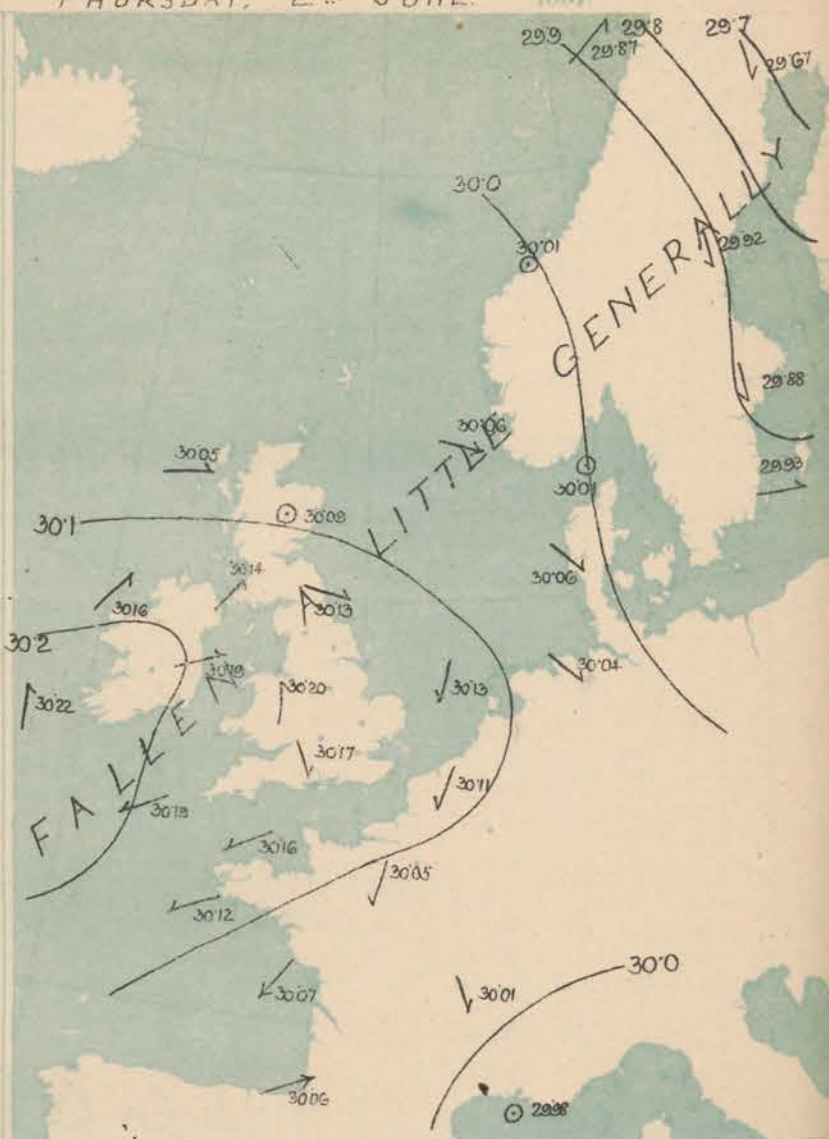
Sea Disturbance, where considerable, is shown by shading round the coast; thus: — Rough; — High.

## MEAN<sup>8</sup> HEIGHT of the BAROMETER

for the month of June.

Stations.	Mean Readings
Nairn	29.922
Aberdeen	29.939
Leith	29.968
Scarborough	30.002
Ardrossan	29.982
Greenock	29.985
Holyhead	30.013
Valencia	30.041
Roche's Pt.	30.033
Plymouth	30.060
LONDON	30.040
Yarmouth	30.021

\* 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.

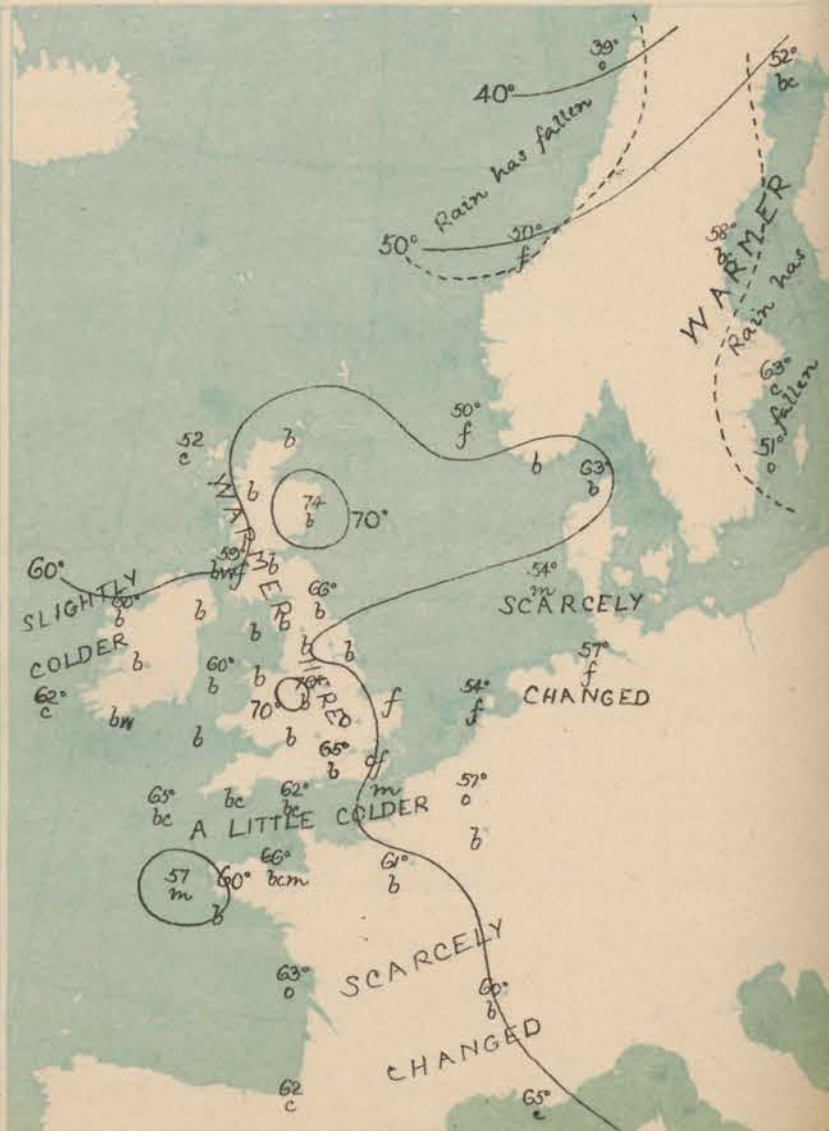
Falls of 0.5 in. or more, are quoted in figures.

## MEANS<sup>8</sup> OF TEMPERATURE AND RAINFALL

for the month of June

Stations	Temp	Rain-fall
Sanbury Head	54.5	1.15
Stornoway	52.4	0.75
Aberdeen	56.4	1.62
Shetland	58.0	1.48
York	58.8	3.39
Mullaghmore	58.2	0
Holyhead	58.8	1.61
Portsmouth	58.6	2.02
Valencia	58.8	2.85
Sally (St Mary's)	60.2	2.53
Hurst Castle	60.9	0
Dover	59.7	1.76
LONDON	61.9	2.17
Yarmouth	59.3	2.21

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





# REMARKS

for Thursday 2<sup>nd</sup> June 1881 at 8 a.m.

A brisk decrease of pressure has occurred in the north of Sweden, and a slight decrease in all parts of Western Europe, but both in Ireland and the south-west of France the barometer shows a tendency to rise again. The anticyclone still holds over us but the highest readings are now reported from our south-west coast. Very fine bright weather still prevails generally, but on the E. shores of the North Sea there is a great deal of fog, while at Valentia and Stromway the sky has become cloudy. There has been no rain. Temperature has changed considerably and very irregularly and readings range from 74° at Aberdeen and 70° at Nottingham to 52° at Stromway. The maxima yesterday were 82° at Nottingham and 80° at York and in London. The wind is variable over the Central districts, but W. in the N. and E. in the S. The sea is smooth except at Scilly, where it is moderate.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

3<sup>rd</sup> JUNE

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

W<sup>2</sup> and SW<sup>2</sup> breezes, light; fine and warm then cloudy.

2 SCOTLAND EAST

D° D° D°

3 ENGLAND N.E.

Very light W<sup>2</sup> breezes; fine, warm.

4 ENGLAND EAST

Very light breezes between N. and E. fine to cloudy and hazy.

5 MIDLAND COUNTIES

-----D°-----D°-----D°-----

6 ENGLAND SOUTH

-----D°-----D°-----D°-----

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST

SW<sup>2</sup> breezes, light; fine.

7 ENGLAND N.W.

W<sup>2</sup> and NW<sup>2</sup> breezes, light; fine.

8 ENGLAND S.W.

E<sup>2</sup> and NE<sup>2</sup> breezes; fine and warm.

9 IRELAND NORTH

Same as N° 6, but becoming cloudy.

10 IRELAND SOUTH

Light S<sup>2</sup> and SW<sup>2</sup> breezes, warm, close, cloudy.

### WARNINGS

None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

2<sup>nd</sup> JUNE

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.				
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).		Max.	Min.	Amount of Rainfall.		
Haparanda ...	29.74	40	E	2	0	29.67	-0.30	52	42	+ 4	N	4	b	*	?	32	0.08	
Hornösand ...	29.92	56	WNW	4	c	29.92	-0.08	58	49	+ 4	N	4	b	*	66	45	-	
Stockholm ...	29.94	54	SEW	2	0	29.88	-0.13	63	54	+ 6	N	4	c	*	70	46	0.04	
Wisby ...	30.01	50	W	4	b	29.93	-0.05	51	49	- 3	W	2	0	*	59	39	0.08	
Bodö ...	29.75	43	SW	6	r	29.87	-0.09	39	39	- 3	SW	4	c	3	48	31	0.16	
Christiansund...	30.06	47	W	6	f	30.01	-0.08	50	50	0	E	1	f	4	50	36	0.04	
†Skudesnaes ...	30.11	52	NW	5	f	30.06	-0.12	50	50	- 5	WNW	6	f	3	59	?	-	
Oxö (Xtiansund)...	30.02	58	NW	1	b	30.02	-0.02	64	59	0	NNW	1	b	1	66	54	-	
Skagen (The Skaw)	30.01	57	NNW	2	c	30.01	0.00	63	56	+ 5	W	0	b	0	70	54	-	
Fanö ...	30.07	54	NW	4	b	30.06	-0.03	54	54	- 2	NW	4	m	*	68	50	-	
Cuxhaven ...	30.09	63	NW	2	0	30.04	-0.11	57	56	+ 1	NNW	2	f	*	?	50	-	
†Sumburgh Head ...	30.13	62	E	4	b	30.05	-0.17	52	51	- 3	W	4	c	3	64	50	-	
†Stornoway ...	30.19	60	E	1	b	30.04	-0.20	69	57	+ 4	S	2	b	1	69	49	-	
Wick ...	30.16	59	W	0	b	30.08	-0.17	65	59	+ 3	W	0	b	0	75	50	-	
†Aberdeen ...	30.19	60	SE	1	b	30.09	-0.16	71	64	+ 2	W	0	b	0	75	49	-	
Leith ...	30.13	63	NE	1	b	30.12	-0.15	71	67	+ 8	NW	1	b	*	72	52	-	
†Shields ...	30.21	56	SE	2	0	30.13	-0.15	68	58	+ 9	WNW	2	b	0	66	51	-	
Spurn Head ...	30.23	53	NE	2	b	30.19	-0.09	59	56	+ 4	S	1	b	1	60	50	-	
York ...	30.22	70	SE	1	b	30.18	-0.11	58	54	- 3	S	1	b	*	80	50	-	
Nottingham ...	30.22	71	SE	2	b	30.20	-0.10	70	62	+ 2	S	2	b	*	82	50	-	
†Ardrossan ...	30.17	65	S	1	b	30.14	-0.13	59	57	- 2	SW	1	b	0	69	52	-	
†Mullaghmore ...	30.18	69	E	1	b	30.16	-0.11	60	56	- 2	SW	2	b	2	75	49	-	
Donaghadee ...	30.19	68	SE	1	b	30.16	-0.12	62	57	+ 1	SE	1	b	0	68	47	-	
Parsonstown ...	30.20	75	S	1	b	30.22	-0.07	62	55	- 2	SSW	1	b	*	75	47	-	
Barrow-in-Furness...	30.21	65	NNW	4	b	30.18	-0.11	57	55	+ 2	E	3	b	2	67	50	-	
†Holyhead ...	30.23	67	SW	2	b	30.19	-0.09	60	56	+ 1	WSW	2	b	1	70	54	-	
Liverpool (Bidston)	30.22	62	NW	1	b	30.18	-0.11	67	58	+ 2	NW	1	b	1	70	54	-	
†Valentia ...	30.20	64	SE	5	b	30.22	-0.04	62	58	- 1	S	1	c	1	67	54	-	
Roche's Point...	30.27	64	SE	2	b	30.23	-0.07	59	56	+ 4	SE	1	b	2	69	50	-	
Pembroke ...	30.21	66	NW	1	b	30.16	-0.11	65	57	+ 5	N	2	b	1	69	53	-	
†Scilly ...	30.23	63	NNE	4	b	30.19	-0.07	65	55	+ 2	NE	3	b	4	69	55	-	
Prawle Point ...	30.18	65	WNW	1	b	30.14	-0.08	62	60	- 9	NE	1	b	1	76	56	-	
Hurst Castle ...	30.18	62	WSW	1	c	30.18	-0.09	62	58	+ 3	E	1	b	2	72	53	-	
†Dover ...	30.16	60	E	2	b	30.16	-0.08	63	62	- 4	E	3	c	1	69	59	-	
†London ...	30.18	68	E	2	b	30.17	-0.09	65	58	- 2	NNW	1	b	*	80	51	-	
Oxford ...	30.17	69	NNE	1	b	30.17	-0.10	65	57	+ 2	N	1	b	*	79	51	-	
Cambridge ...	30.16	72	NE	1	b	30.17	-0.10	62	58	0	NE	1	0	*	79	47	-	
†Yarmouth ...	30.21	58	NE	1	b	30.18	-0.07	54	53	- 5	NNE	1	f	1	60	50	-	
The Helder ...	30.15	54	N	2	f	30.13	-0.09	54	53	- 1	NNE	1	f	1	61	52	-	
Cape Gris Nez...	30.20	54	NE	3	m	30.15	-0.16	51	51	- 5	NE	4	m	2	61	50	-	
†Jersey ...	30.21	62	N	1	b	30.16	-0.11	66	57	- 2	E	1	b	1	75	54	-	
Brest ...	30.21	70	NE	4	b	30.19	-0.06	57	54	- 2	NNE	1	m	1	75	52	-	
Lorient ...	30.12	73	NE	3	b	30.12	-0.09	60	53	+ 1	E	3	b	1	79	55	-	
†Rochefort ...	30.05	78	NE	5	b	30.07	-0.05	63	57	+ 1	NE	5	0	2	86	55	-	
Biarritz ...	30.04	67	W	3	0	30.06	-0.03	62	59	+ 1	WSW	5	c	3	68	55	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.11	-0.09	57	55	+ 2	NNE	1	0	*	70	54	-	
Charleville ...	30.06	65	E	3	b	30.08	-0.08	59	54	- 2	ESE	3	b	*	70	54	-	
Paris ...	30.06	72	NNE	3	b	30.05	-0.17	61	55	+ 1	NNE	3	b	*	*	*	-	
Lyons ...	29.99	70	NE	1	b	30.01	-0.10	60	54	+ 1	NNW	1	b	*	75	?	-	
Toulon ...	30.02	66	N	1	b	29.98	-0.06	65	58	+ 5	W	0	c	2	72	59	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.99	66	SSW	2	b	29.95	-0.11	63	54	+ 2	W	0	b	*	70	45	-	

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

Hewes Junction	28.99	66	SEW	2	b	28.95	-0.11	63	54	+ 2	W	0	b	*	70	45	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes ...	30.16	59	57	NW	6	c	3	Valentia ...	30.23	67	57	SE	6	6.9	6
Sumburgh Head								Scilly ...	30.25	65	59	NNE	2	6	3
Stornoway ...								Dover ..	30.21	61	53	E	2	6	1
Aberdeen ...	30.22	63	57	E	1	6	0	London ...	30.18	76	68	ESE	2	6	*
Shields ...	30.23	59	56	SE	3	6	0	Yarmouth ...	30.24	58	55	NE	2	6	1
Ardrossan ...	30.22	66	61	SW	2	6	1	Jersey ...	30.24	74	61	ENE	1	6	1
Mullaghmore ...	30.20	74	60	SW	2	6	2	Rochefort ...	30.09	81	64	NE	7	6	2
Holyhead ...	30.26	68	60	W	2	6	1								

Pressure is decreasing slowly everywhere and light variable air continues with very fine bright weather.  
Temperature ranges from 76° in London to 58° at Yarmouth.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

F O R

FRIDAY, 3<sup>RD</sup> JUNE.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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



ROBERT H. SCOTT

(SECRETARY.)



*Fred<sup>o</sup> Dangerfield Lith & Engravers 5, Avenue Road, London*



# WEATHER CHARTS

for 8 a.m. on Friday 3<sup>rd</sup> JUNE. 1881

## BAROMETER, WIND & SEA

### Explanation of Map

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

Wind - Arrows show the prevalent wind they fly with the wind, and their bars and feathers refer to force, thus:  
— force above 10, — force 8 to 10,  
— force 5 to 7, — force 1 to 4  
○ - dead calm.

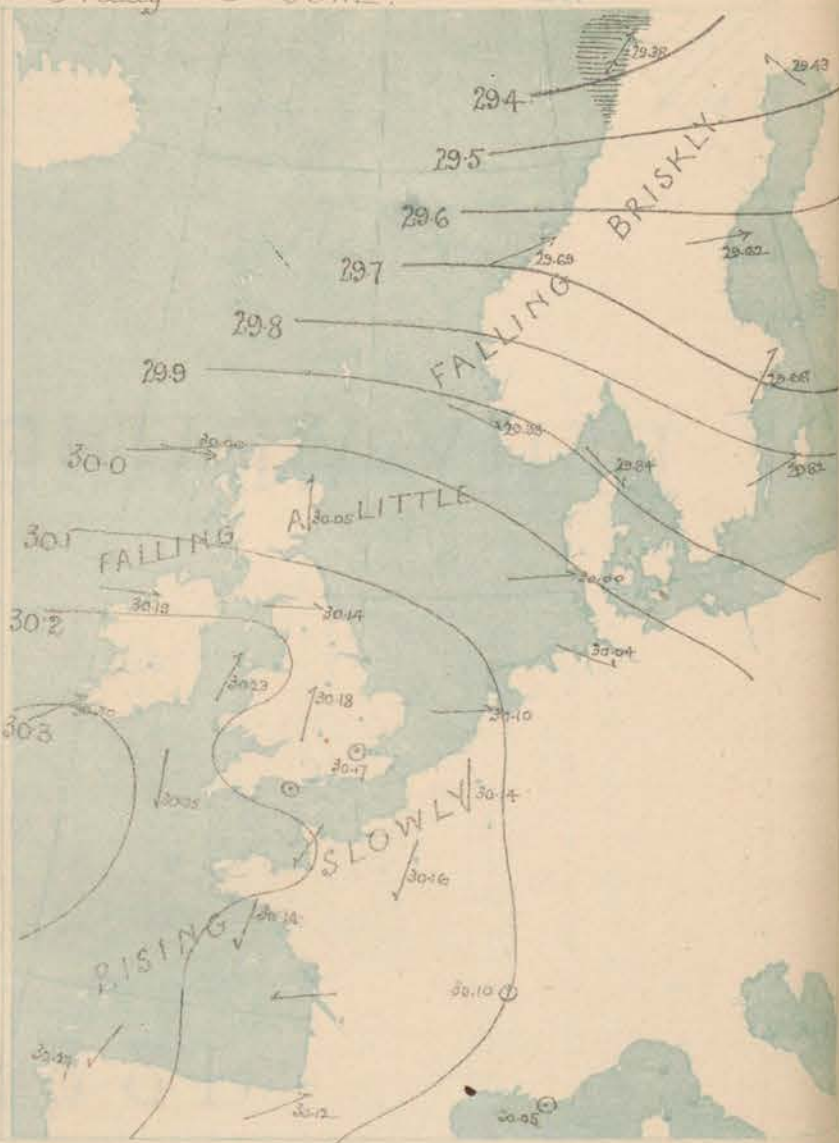
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough High.

## MEAN\* HEIGHT of the BAROMETER

for the month of June

Stations	Mean Readings
Norwich	30.232
Aberdeen	30.259
Leith	30.269
Scarborough	30.272
Arbroath	30.287
Glasgow	30.295
Holyhead	30.317
Valencia	30.341
Koch's Pt.	30.353
Plymouth	30.360
LONDON	30.361
Vermouth	30.373

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





# REMARKS

for FRIDAY 3<sup>RD</sup> JUNE 1881 at 8 a.m.

The barometer still rises over Ireland, England and France, but is falling over Scotland and Scandinavia. The area of high pressure holds steadily over our south-west coasts, while a large depression is shown in the far north. In consequence gradients for W<sup>ly</sup> winds exist in the north, and light breezes from that quarter are reported from Scotland, and moderate to strong winds from N. or S.W. over Norway and Sweden. In England the wind is very light and variable, while over the Channel and France it is moderate from N. Temperature has fallen in nearly all places, the change in the E. of Scotland amounting to over 10°, readings range from 40° at Nottingham to 53° at Wick, and the maxima yesterday were 84° at Nottingham, 80° at Aberdeen and York and 70° in London. The weather is cloudy in the W. and N. of Ireland and Scotland, as well as in the N. of Scandinavia, fine and bright elsewhere. There has been a slight thunderstorm over Central England, but elsewhere there has been no rain. The sea is smooth.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon on the

4<sup>TH</sup> JUNE.

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

Light or moderate W<sup>ly</sup> breezes; cloudy and cool.

6 SCOTLAND WEST

Same as N<sup>os</sup> 1 to 2

2 SCOTLAND EAST

-----D°-----D°-----D°-----

7 ENGLAND N.W.

Light W<sup>ly</sup> and NW<sup>ly</sup> breezes; fair.

3 ENGLAND N.E.

-----D°-----D°-----D°-----

8 ENGLAND S.W.

Light N<sup>ly</sup> breezes; fair.

4 ENGLAND EAST

Variable airs; fine, hazy, rather close.

9 IRELAND NORTH

Same as N<sup>os</sup> 6 to 7

5 MIDLAND COUNTIES

Variable or light N<sup>ly</sup> airs; fine, hazy, warm, but becoming cloudy at night.

10 IRELAND SOUTH

Same as N<sup>o</sup> 7

6 ENGLAND SOUTH

-----D°-----D°-----D°-----

WARNINGS

None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

3<sup>RD</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.66	46	N	2	0	29.43	- 2.4	44	40	- 8	SE	2	0	*	57	39	-			
Hernösand ...	29.82	61	WNW	2	6	29.62	- 3.0	62	57	+ 4	N	6	6	*	73	48	-			
Stockholm ...	29.89	52	SW	2	6	29.68	- 2.0	71	60	+ 8	SW	4	6	*	?	52	-			
Wisby ...	29.96	54	S	2	6	29.82	- 1.1	64	56	+ 13	WSW	4	6	*	64	51	-			
Bodö ...	29.56	39	SE	2	2	29.38	- 4.9	43	40	+ 4	SW	8	0	5	?	39	0.35			
Christiansund ...	29.86	32	WSW	7	0	29.69	- 3.2	50	46	0	WSW	6	0	4	59	39	-			
†Skudesnaes ...	30.01	32	WNW	6	f	29.98	- 0.8	55	53	+ 5	WNW	4	60	3	59	?	-			
Oxö (Klansund) ...	29.90	56	WSW	4	60	29.90	- 1.2	67	60	+ 3	WSW	4	60	1	68	55	-			
Skagen (The Skaw)	29.94	56	WNW	3	6	29.84	- 1.7	61	56	- 2	NW	4	6	3	75	50	-			
Fanö ...	30.03	52	WNW	4	0	30.00	- 0.6	62	58	+ 8	WNW	4	6	*	?	50	-			
Cuxhaven ...	30.02	63	WNW	4	f	30.04	0.00	61	59	+ 4	WNW	2	0	*	?	52	-			
†Sumburgh Head	30.06	60	W	5	60	30.00	- 0.5	54	52	+ 2	W	5	6	0	61	50	-			
†Stornoway	30.07	57	SW	2	60	30.02	- 0.2	53	51	- 16	W	2	0	3	70	49	-			
Wick ...	30.07	63	WSW	2	6	30.03	- 0.5	55	52	- 10	WSW	2	6	1	73	51	-			
Nairn ...	30.07	62	NNW	1	6	30.05	- 0.4	62	55	- 12	S	2	6	1	80	47	-			
†Aberdeen	30.08	70	NW	3	6	30.01	- 1.1	58	53	- 13	WSW	3	60	*	79	49	-			
Leith ...	30.09	70	SSE	1	6	30.14	+ 0.1	59	54	- 7	W	2	60	0	73	52	-			
†Shields	30.12	59	ESE	4	6	30.15	- 0.4	59	56	0	Z	0	6	0	63	54	-			
Spurn Head	30.11	74	W	2	60	30.16	- 0.2	63	57	+ 5	W	2	6	*	80	50	-			
York ...	30.13	71	Z	0	60	30.18	- 0.2	70	63	0	SSW	2	6	*	84	50	-			
Nottingham ...	30.14	61	NNE	3	6	30.14	0.00	55	53	- 4	W	3	0	2	71	52	-			
†Ardrossan	30.21	60	W	3	6	30.19	+ 0.3	56	53	- 4	W	4	0	3	63	51	-			
†Mullaghmore	30.19	55	N	2	60	30.20	+ 0.4	57	54	- 5	W	3	60	1	68	43	-			
Donaghadee ...	30.22	66	W	1	6	30.26	+ 0.4	58	54	- 4	WSW	1	60	*	70	45	-			
Parsonstown ...	30.15	66	W	3	6	30.18	0.00	54	52	- 3	NW	4	6	3	69	53	-			
Barrow-in-Furness	30.17	70	SW	1	6	30.23	+ 0.4	57	55	- 3	SW	1	6	0	71	53	-			
†Holyhead	30.16	64	WNW	1	6	30.22	+ 0.4	57	53	- 10	W	2	6	1	64	52	-			
Liverpool (Bidston)	30.27	60	NW	3	6	30.30	+ 0.8	58	56	- 4	WSW	2	0	2	64	48	-			
†Valentia	30.03	62	SW	4	6	30.28	+ 0.5	58	53	- 1	NW	2	60	3	67	51	-			
Roche's Point ...	30.17	63	NW	3	60	30.20	+ 0.4	58	56	- 7	N	4	6	1	71	53	-			
Pembroke ...	30.21	64	N	3	6	30.25	+ 0.6	59	57	- 6	N	4	6	4	65	55	-			
†Scilly	30.15	63	WNW	1	6	30.20	+ 0.3	68	61	+ 6	NE	2	6	1	68	58	-			
Prawle Point	30.13	61	SW	3	60	30.15	- 0.3	60	58	- 2	Z	0	60	1	67	51	-			
Hurst Castle	30.12	60	NE	2	6f	30.16	0.00	59	55	- 4	S	1	6	0	60	55	-			
†Dover	30.13	72	SE	2	60	30.17	0.00	64	57	- 1	Z	0	f	*	78	52	-			
London ...	30.16	69	ESE	1	6	30.19	+ 0.2	65	57	0	WNW	1	60	*	77	55	-			
Oxford ...	30.14	64	NW	1	6	30.17	0.00	61	57	- 1	N	1	0	*	77	51	0.21			
Cambridge ...	30.14	62	Z	0	6	30.12	- 0.6	64	59	+ 10	Z	0	6	0	64	54	-			
†Yarmouth	30.12	58	NNW	1	60	30.10	- 0.3	58	55	+ 4	W	1	6	1	63	54	-			
The Helder	30.14	52	NE	4	f	30.18	+ 0.3	54	54	+ 3	NE	1	6	1	57	48	-			
Cape Gris Nez	30.16	64	NNE	2	6	30.22	+ 0.6	65	60	- 1	NE	1	60	1	71	52	-			
†Jersey	30.15	63	NE	3	0	30.22	+ 0.3	59	55	+ 2	NNE	4	0	3	77	55	-			
Brest ...	30.06	70	NE	4	60	30.14	+ 0.2	59	55	- 1	NNE	3	6	1	79	54	-			
Lorient ...	30.04	68	NW	5	60	30.11	+ 0.4	62	59	- 1	E	4	6	2	77	52	-			
†Rochefort	30.08	64	WSW	4	0	30.12	+ 0.6	63	57	+ 1	WSW	4	0	3	68	55	0.16			
Biarritz ...	*	*	*	*	*	30.27	*	65	*	*	NE	?	0	1	*	*	*			
Corunna ...	*	*	*	*	*	30.14	+ 0.3	57	56	0	N	1	f	*	73	55	-			
Brussels ...	30.02	71	ESE	1	6	30.10	+ 0.2	62	58	+ 3	E	1	6	*	75	55	-			
Charleville ...	30.05	72	NNE	3	6	30.16	+ 1.1	60	58	- 1	NNE	1	0	*	*	*	-			
Paris ...	30.02	66	N	1	0	30.10	+ 0.9	58	55	- 2	SW	1	6	*	77	52	-			
Lyons ...	30.01	69	Z	0	6	30.05	+ 0.7	69	59	+ 4	Z	0	6	1	75	61	-			
Toulon ...	HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.89	67	WSW	3	6	28.93	- 0.2	57	51	- 6	WSW	4	6	*	72	48	-			

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.09	59	55	NW	5	6f	3	Valentia ...	30.26	62	57	NW	3	60	3
Sumburgh Head								Scilly ...	30.21	64	60	N	4	60	4
Stornoway ...	30.08	58	56	W	5	6f	4	Dover ..	30.14	57	54	ENE	3	6	1
Aberdeen ...	30.03	75	62	S	1	6	0	London ...	30.14	74	68	SSW	3	6	*
Shields ...	30.12	71	63	ESE	2	6	0	Yarmouth ...	30.17	60	56	NE	1	6	1
Ardrossan ...	30.14	65	63	NNW	2	6	1	Jersey ...	30.17	67	59	NE	3	60	3
Mullaghmore ...	30.20	63	56	W	3	0	2	Roche fort ...	30.06	69	64	N	4	0	2
Holyhead ...	30.20	66	58	NW	1	6	0								

The barometer is rising a little in the N. and SW. where pressure is highest, falling slowly elsewhere. The winds are almost unchanged and the weather continues exceedingly fine while temperature ranges from 74° in London and 75° at Aberdeen to 58° 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).



# DAILY WEATHER REPORT

FOR

SATURDAY, 4<sup>TH</sup> JUNE.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Printed by Dangerfield, Loh 22, Bedford St. Covent Garden.



# WEATHER CHARTS

for 8 a.m. on Saturday 4<sup>th</sup> JUNE 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

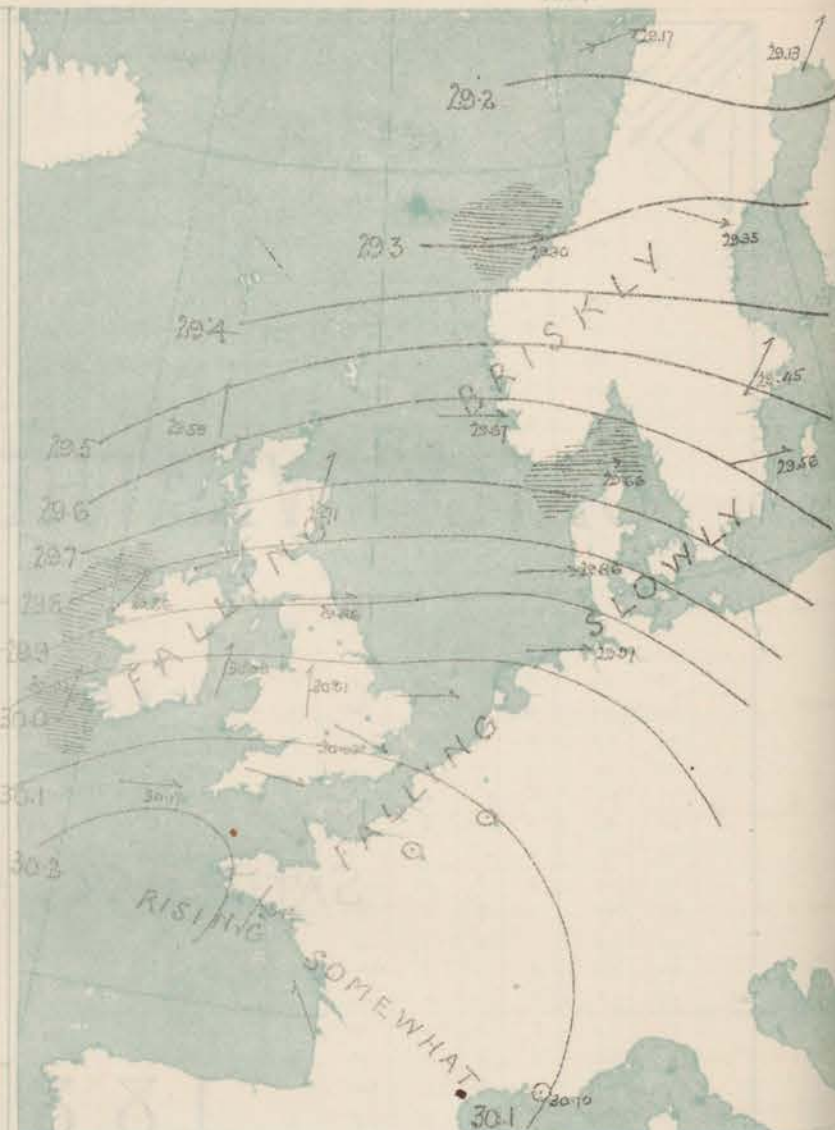
⊙ — dead calm.

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

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

Stations.	Mean Readings.
Nuern	29.974
Aberdeen	29.939
Leith	29.963
Scarborough	30.002
Ardrossan	29.982
Greenacres	29.985
Holyhead	30.012
Valentia	30.041
Roches Pt.	30.033
Plymouth	30.060
LONDON	30.040
Yarmouth	30.027

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



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

### Explanation of Map.

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

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

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

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

Stations	Temp	Rain-fall
Sundergh Head	51.8	1.15
Stornoway	53.4	3.05
Aberdeen	56.3	1.62
Shetlands	58.0	1.68
Yok	58.2	2.39
Maltingmore	58.1	?
Holyhead	58.8	1.61
Parsenstown	58.6	2.01
Valentia	58.8	2.85
Sally (St. Mary's)	60.2	2.23
Hurst Castle	59.9	?
Dover	59.7	1.78
LONDON	61.2	2.17
Yarmouth	59.3	2.23

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





# REMARKS

for Saturday 4<sup>th</sup> JUNE 1881 at 8 a.m.

The fall of the barometer which commenced in the north yesterday has continued briskly in that neighbourhood and extended in a less degree to all places except a few stations in the south and south-west of France. The highest readings now exist over the north-west of France, and as a large depression has advanced over the north of Scandinavia rather steep gradients exist all over the northern half of our area. The winds have risen to a moderate or fresh breeze in most places, and has backed generally to E and SW in the north and north, and to W elsewhere. Temperature has fallen several degrees over south-western and central England, as well as in Sweden and Norway, but has not changed much elsewhere, and readings range from 66° in London to 52° at Rimbroke and Thich. The maxima yesterday were 82° at Nottingham and 79° in London. The weather remains fine and warm over France, and the S and SE of England, but is cloudy elsewhere, and some rain has fallen in the W and N. The sea is nearly smooth except off the W of Ireland.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the  
5<sup>th</sup> JUNE.

[ISSUED AT 11 a.m. on previous day]

### DISTRICTS

### FORECASTS

1	SCOTLAND NORTH	SW <sup>ly</sup> and W <sup>ly</sup> winds, moderate and fresh, cloudy, some rain.
2	SCOTLAND EAST	D <sup>ly</sup> D <sup>ly</sup> D <sup>ly</sup>
3	ENGLAND NE	W <sup>ly</sup> winds, light or moderate, cloudy and cooler.
4	ENGLAND EAST	D <sup>ly</sup> D <sup>ly</sup> D <sup>ly</sup>
5	MIDLAND COUNTIES	S <sup>ly</sup> to W <sup>ly</sup> winds, light; fine to cloudy and cooler.
6	ENGLAND SOUTH	light W <sup>ly</sup> winds; fine and m. then cloudy and cooler.

### DISTRICTS

### FORECASTS

6	SCOTLAND WEST	SW <sup>ly</sup> winds, moderate; cloudy, some rain.
7	ENGLAND W.	D <sup>ly</sup> D <sup>ly</sup> D <sup>ly</sup>
8	ENGLAND S W	W <sup>ly</sup> winds, moderate; fine to dull and cooler.
9	IRELAND NORTH	S <sup>ly</sup> and SW <sup>ly</sup> winds, moderate and fresh; dull, some rain in W and N.
10	IRELAND SOUTH	D <sup>ly</sup> D <sup>ly</sup> D <sup>ly</sup>
WARNINGS		None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

4<sup>th</sup> JUNE

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.21	44	SW	2	0	29.13	- .30	58	47	+ 9	SW	2	c		2	43	-		
Hernösand ...	29.52	51	W	2	b.c.	29.35	- .27	54	46	- 8	WNW	6	c	*	66	46	-		
Stockholm ...	29.45	64	WSW	6	c	29.45	- .23	60	52	- 11	WSW	2	b.c.	*	75	48	-		
Wisby ...	29.60	53	W	4	b	29.56	- .26	49	45	- 15	W	4	b.c.	*	79	41	-		
Bodö ...	29.22	38	SW	6	h	29.17	- .21	38	34	- 5	WSW	3	o	4	45	37	0.20		
Christiansund...	29.56	49	WSW	4	c	29.30	- .39	49	45	- 1	WSW	6	o	5	50	37	0.32		
†Skudesnaes ...	29.82	53	WNW	4	0	29.67	- .31	52	50	- 3	W	4	o	4	?	52	-		
Oxö (Xiansund) ...	29.79	56	WSW	4	b.c.	29.65	- .25	55	53	- 12	SW	6	c	2	?	50	-		
Skagen (The Skaw) ...	29.75	55	WNW	7	0	29.66	- .18	56	53	- 5	W	6	o	6	66	52	-		
Fanö ...	29.95	51	W	4	b.c.	29.86	- .14	61	57	- 1	W	6	o	*	64	48	-		
Cuxhaven ...	29.97	?	WNW	3	f	29.97	- .07	60	57	- 1	W	3	b.c.	*	63	50	-		
†Sumburgh Head ...																			
†Stornoway ...	29.81	55	W	6	0	29.59	- .41	58	55	+ 1	S	4	o	4	56	47	0.20		
Wick ...	29.81	54	W	3	0	29.66	- .36	63	60	0	W	4	o	4	61	50	0.07		
Nairn ...	29.85	56	WSW	3	0	29.68	- .35	55	54	0	W	0	o	1	62	53	0.01		
†Aberdeen ...	29.88	63	WSW	3	0	29.71	- .34	60	55	- 2	SSW	4	o	1	69	55	-		
Leith ...	30.00	59	NW	4	e	29.80	- .21	61	56	+ 3	WSW	3	b	*	67	55	0.01		
†Shields ...	30.04	63	W	5	e	29.86	- .28	60	58	+ 1	W	4	o	2	66	57	-		
Spurn Head ...	30.07	64	W	4	b.c.	29.98	- .17	61	58	+ 2	WSW	2	c	1	67	56	-		
York ...	30.10	63	W	4	b.c.	29.98	- .18	59	56	- 4	WSW	3	o	*	73	57	0.01		
Nottingham ...	30.11	70	WNW	2	c	30.01	- .17	65	60	- 5	S	2	b.c.	*	82	54	-		
†Ardrossan ...	30.03	56	WSW	3	h	29.83	- .31	56	55	+ 1	WSW	4	o	2	61	53	0.01		
†Mullaghmore ...	30.09	56	WSW	5	ogm	29.86	- .33	57	55	+ 1	SW	6	o	5	59	52	0.10		
Donaghadee ...	30.08	61	SW	3	o	29.88	- .32	60	57	+ 3	WSW	4	c	2	66	56	-		
Parsonstown ...	30.16	61	SSW	3	o	29.98	- .18	58	55	0	SW	1	o	*	66	55	-		
Barrow-in-Furness...	30.11	60	SW	4	c	29.99	- .19	56	54	+ 2	SW	4	o	4	62	54	-		
†Holyhead ...	30.15	59	SSW	4	o	30.00	- .23	57	54	0	SSW	3	c	2	65	53	-		
Liverpool (Bidston) ...	30.13	62	WNW	2	c	29.99	- .23	60	56	+ 3	SSW	1	o	1	63	55	-		
†Valentia ...	30.23	58	SW	3	o	30.03	- .27	57	56	- 1	SSW	5	o	5	63	55	0.01		
Roche's Point ...	30.20	?	WNW	3	b.c.	30.06	- .22	60	56	+ 2	WSW	4	b.c.	3	69	51	-		
Pembroke ...	30.17	46	W	3	b.c.	30.07	- .13	53	53	- 5	W	3	o	2	64	52	-		
†Scilly ...	30.25	60	NW	4	b.c.	30.17	- .08	57	55	- 2	W	4	o	4	62	54	-		
Prawle Point ...	30.16	70	NW	2	b	30.13	- .07	58	56	- 10	WNW	3	b	2	75	49	-		
Hurst Castle ...	30.13	66	NW	2	b	30.12	- .03	56	54	- 4	WNW	2	b	1	72	51	-		
†Dover ...	30.10	60	WSW	2	b	30.06	- .10	59	55	0	SW	1	b	0	63	53	-		
†London ...	30.11	75	WNW	1	b.c.	30.09	- .08	66	57	+ 2	NW	1	b	*	79	51	-		
Oxford ...	30.10	69	NW	2	b	30.06	- .13	62	56	- 3	WSW	1	b.m.	*	77	51	-		
Cambridge ...	30.09	74	NW	1	c	30.03	- .14	64	59	+ 3	SW	1	c	*	77	51	-		
†Yarmouth ...	30.08	59	SE	1	b	30.02	- .10	63	57	- 1	W	2	b.c.	1	66	64	-		
The Helder † ...	30.07	59	NW	1	c	30.01	- .09	59	55	+ 1	W	1	c	1	63	55	-		
Cape Gris Nez ...	30.15	57	SSW	1	b	30.09	- .09	?	?	?	S	3	m	2	66	55	-		
†Jersey ...	30.19	68	NW	1	b	30.19	- .03	58	55	- 7	NW	3	b.m.	3	70	51	-		
Brest ...	30.23	61	N	5	b	30.21	- .01	55	54	- 4	NNE	3	b	1	66	48	-		
Lorient ...	30.14	72	NE	3	c	30.14	0.0	59	55	0	NE	3	b	1	79	54	-		
†Rochefort ...	30.11	70	SE	4	o	30.12	+ .01	66	50	+ 4	SSW	2	b	0	73	55	0.08		
Biarritz ...																			
Coranna ...	*	*	*	*	*				*						*	*	*		
Brussels † ...	*	*	*	*	*	30.08	- .06	63	59	+ 6	SW	3	b	*	75	55	-		
Charleville ...	30.06	75	E	1	b	30.10	0.0	62	57	0	E	1	b	*	77	52	-		
Paris ...	30.10	62	NNE	3	b	30.06	- .10	64	59	+ 4	W	0	b	*	*	*	-		
Lyons ...														*					
Toulon ...	30.08	73	SW	3	b	30.10	+ .05	71	59	+ 2	W	0	b	1	79	63	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.86	55	WSW	4	0	28.71	- .22	52	52	- 5	SW	5	f	*	61	54	-		

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

Hawes Junction	28.86	55	WSW	4	o		28.71	- .22	52	52	- 5	SW	5	f		61	51	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.91	56	54	WNW	4	o	3	Valentia ...	30.27	62	58	SW	4	o	4
Sumburgh Head ...								Scilly ...	30.26	62	58	NNW	5	b.c.	4
Stornoway ...	29.87	52	52	W	b	h	5	Dover ..	30.13	62	58	WSW	2	b	a
Aberdeen ...	29.93	66	56	E.NE	1	c	1	London ...	30.13	75	67	W	1	b	*
Shields ...	30.07	64	58	W	b	b.c.	0	Yarmouth ...	30.13	64	58	NNE	1	b	1
Ardrossan ...	30.08	59	57	WSW	4	o	2	Jersey ...	30.21	69	61	NW	2	b	2
Mullaghmore ...	30.13	59	55	WSW	5	ogm	4	Rochefort ...	30.12	72	64	NW	5	b	2
Holyhead ...	30.13	65	59	SSW	2	c	1								

The fall of the barometer noticed in the N. is spreading slowly to all parts of the Kingdom, and fresh W<sup>ly</sup> winds and cloudy weather now prevail except in the S. and SE. where the weather continues warm and fine.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

F O R

SUNDAY, 5<sup>TH</sup> JUNE.

1881.

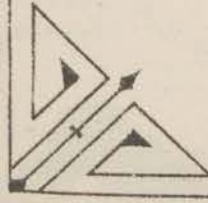
ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

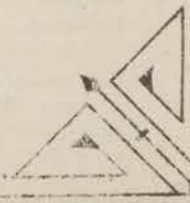
S. W.

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



ROBERT H. SCOTT

(SECRETARY)





# WEATHER CHARTS

for 8 a.m. on SUNDAY 5<sup>TH</sup> JUNE.

1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

→ forces above 10; → forces 8 to 10; → forces 5 to 7; → forces 3 to 4.

☉ = dead calm.

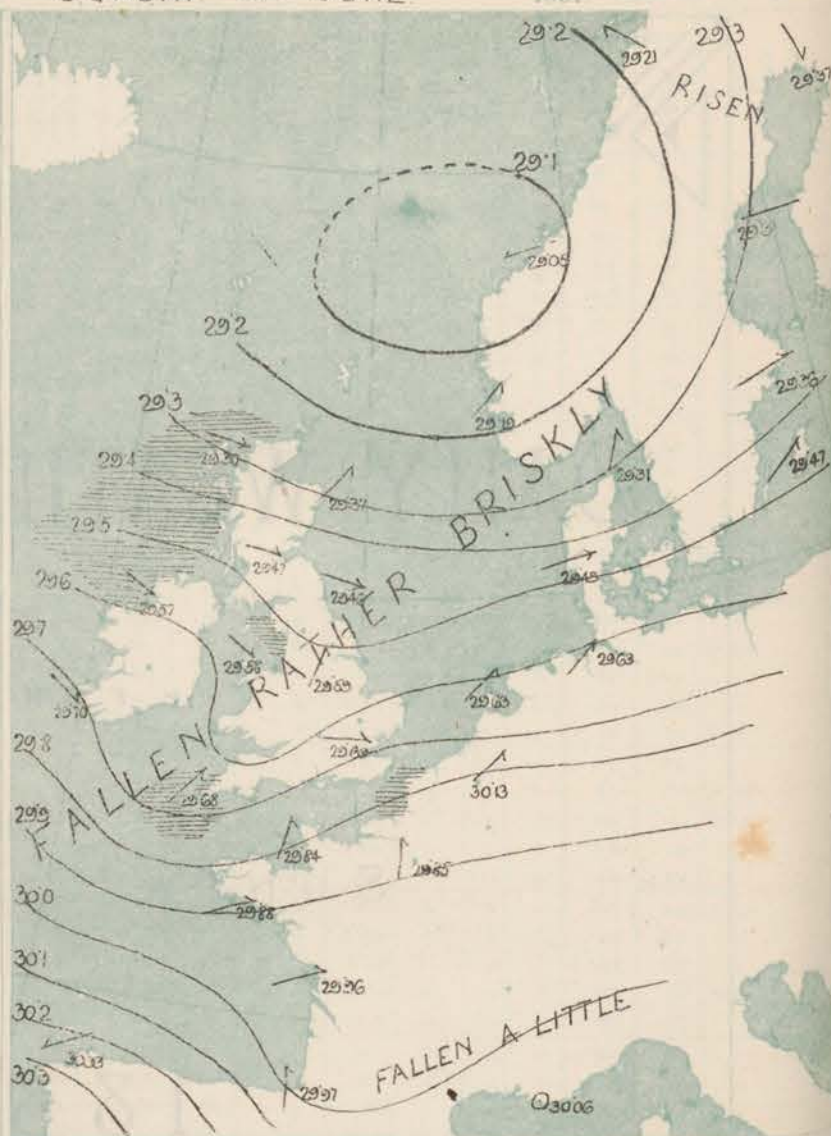
Sea Disturbance, where considerable, is shown by shading round the coast, thus Rough High.

## MEAN\* HEIGHT of the BAROMETER

for the month of June.

Stations	Mean Readings
Nairn	29.932
Aberdeen	29.939
Leith	29.968
Scarborough	30.002
Adrossan	29.982
Greenacastle	29.985
Holyhead	29.913
Valentia	30.044
Roche's Pt.	30.033
Plymouth	30.060
LONDON	30.040
Vermouth	30.027

\* 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.

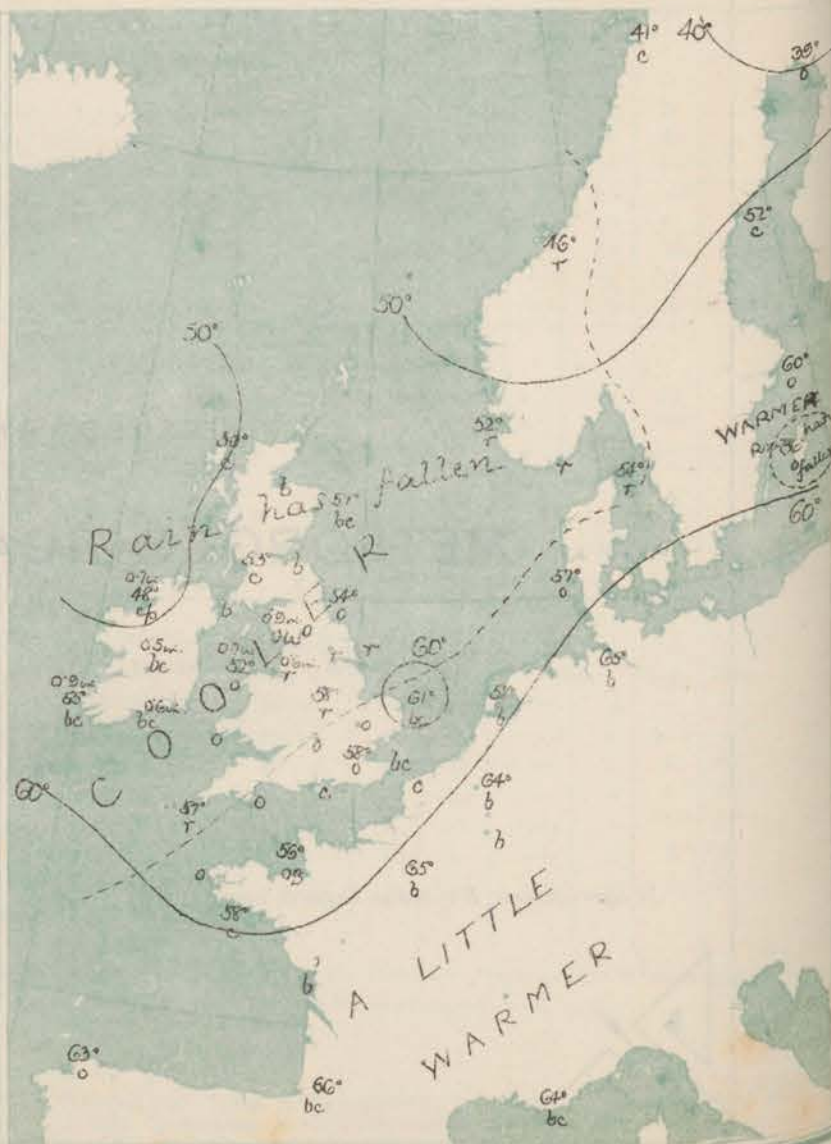
Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of June

Stations	Temp	Rain fall
Sandburgh Head	51.8	1.15
Stornoway	53.3	3.06
Aberdeen	56.7	1.62
Stirling	56.0	1.66
York	55.8	2.39
Maltingmore	58.1	1.0
Holyhead	58.5	1.61
Parsloestown	58.6	2.01
Valentia	58.8	2.88
Sally (St Mary's)	59.2	2.23
Burst Gable	59.9	1.0
Dover	60.7	1.76
LONDON	61.2	2.73
Vermouth	60.3	2.23

\* The mean Temperature are those for the 17 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for SUNDAY 5<sup>th</sup> JUNE 1881 at 8 a.m.

Pressure continues to decrease in all part of Western Europe, and the weather has become very unsettled. Three depressions are shown, one off the west coast of Scotland, with a small subsidiary one over South Wales, and a second over south France. The wind has veered to NW. all over the western and northern parts of the Kingdom, but is W<sup>+</sup> and SW<sup>+</sup> in all other places. In most parts of the country it blows freshly and gustily. Temperature has fallen several degrees generally and readings range from 57° at Scilly and 61° at Yarmouth to 48° at Mullaghmore. The sky is cloudy or overcast except in the S. of Ireland and at some east coast stations. Rain is falling at Scilly and over the centre and N. of England, as well as over the whole of Norway. The sea is rather rough at some of our western stations and at Cape Lisiey, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

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

### DISTRICTS

### FORECASTS

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

NONE ISSUED

### DISTRICTS

### FORECASTS

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

WARNINGS

NONE ISSUED



# METEOROLOGICAL OBSERVATIONS FOR

5<sup>th</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda ...	29.19	38	WNW	2	c	29.37	+ 24	39	35	- 14	N	4	o	*	64	37	-			
Hernösand ...	29.32	51	WNW	2	c	29.31	- 04	52	46	- 2	E	2	c	*	64	43	-			
Stockholm ...	29.40	55	W	14	o	29.36	- 09	60	55	0	WSW	2	o	*	70	50	-			
Wisby ...	29.50	48	W	4	b	29.47	- 09	56	54	- 7	WSW	4	o	*	61	41	0.04			
Bodö ...	29.23	29	WSW	4	o	29.21	+ 04	41	36	+ 3	SE	2	c	1	41	36	-			
Christiansund...	29.52	50	WSW	6	bc	29.05	- 23	46	44	- 3	ENE	1	r	3	50	36	0.16			
†Skudesnaes ...	29.41	51	SSW	5	r	29.19	- 48	52	51	0	SW	4	r	4	52	50	-			
Orö (Xtinasund)...	29.54	48	SSW	4	f	29.25	- 40	50	50	- 5	SW	4	r	0	61	48	0.28			
Skagen (The Skaw)	29.50	54	WSW	8	o	29.31	- 35	54	54	- 2	SW	4	r	4	59	50	0.32			
Fanö ...	29.68	55	SW	4	c	29.49	- 37	57	55	- 4	WSW	6	o	*	13	54	-			
Cuxhaven ...	29.85	?	W	2	c	29.63	- 34	65	59	+ 5	SW	6	b	*	66	52	-			
†Sumburgh Head																				
†Stornoway ...	29.33	51	NNW	4	r	29.30	- 29	50	49	- 5	WNW	5	c	5	55	42	0.44			
Wick ...	29.33	54	SSW	2	o	?	?	49	46	- 4	NN	4	o	4	56	40	0.10			
Nairn ...	29.34	59	W	2	o	29.35	- 33	52	44	- 3	W	4	b	2	65	44	0.11			
†Aberdeen ...	29.43	52	SW	3	o	29.37	- 34	57	49	- 3	SW	2	bc	1	67	46	0.02			
Leith ...	29.51	58	W	4	r	29.45	- 35	55	51	- 4	NNW	1	b	*	68	48	0.10			
†Shields ...	29.59	64	WSW	7	o	29.40	- 40	54	50	- 6	WNW	5	o	2	66	51	0.03			
Spurn Head ...	29.73	68	WSW	4	bc	29.30	- 48	57	57	- 4	SW	5	r	4	74	57	0.03			
York ...	29.72	67	WSW	4	c	29.50	- 48	56	54	- 3	W	2	r	*	71	54	0.06			
Nottingham ...	29.50	67	SSW	3	bc	29.59	- 42	58	55	- 7	SSW	2	r	*	81	54	0.05			
†Ardrossan ...	29.52	55	SW	4	r	29.47	- 36	53	50	- 3	WNW	3	c	2	59	48	0.31			
†Mullaghmore ...	29.56	56	WSW	6	r	29.57	- 29	48	47	- 9	WNW	5	cp	5	61	44	0.68			
Donaghadee ...	29.56	58	WSW	5	r	29.54	- 34	54	49	- 6	NN	4	b	2	67	47	0.37			
Parsonstown ...	29.71	58	WSW	3	o	29.64	- 34	53	48	- 5	W	1	bc	*	65	47	0.48			
Barrow-in-Furness	29.68	55	SW	6	r	29.52	- 47	51	?	- 5	NNW	4	ow	5	61	49	0.90			
†Holyhead ...	29.74	54	WSW	6	rw	29.58	- 42	52	51	- 5	NN	3	o	2	59	51	0.72			
Liverpool (Biston)	29.74	59	W	6	o	29.55	- 44	50	49	- 10	WNW	3	r	1	58	50	0.62			
†Valentia ...	29.76	57	SW	7	rw	29.70	- 33	55	48	- 2	WNW	4	bc	4	60	49	0.88			
Roche's Point ...	29.79	57	SW	6	r	29.61	- 44	58	53	- 2	WNW	5	bc	4	62	52	0.57			
Pembroke ...	29.86	55	SW	4	o	29.55	- 52	52	52	- 1	N	5	o	3	58	52	0.36			
†Scilly ...	29.99	59	WSW	4	o	29.68	- 44	57	57	0	SW	6	r	5	65	56	0.24			
Prawle Point ...	29.97	56	WSW	4	bc	29.69	- 44	55	55	- 3	SSW	4	o	4	60	53	-			
Hurst Castle ...	29.94	59	W	5	b	29.70	- 42	58	55	0	W	6	c	3	61	54	-			
†Dover ...	29.91	58	SW	3	b	29.71	- 35	56	53	- 3	WSW	6	bc	4	67	53	-			
†London ...	29.88	73	W	3	bc	29.69	- 40	58	55	- 8	W	4	o	*	81	53	-			
Oxford ...	29.86	60	SW	5	bc	29.63	- 43	59	56	- 3	SSW	4	o	*	74	56	-			
Cambridge ...	29.80	69	SW	2	c	29.60	- 48	59	57	- 5	SW	2	o	*	78	55	-			
†Yarmouth ...	29.80	76	WSW	3	b	29.62	- 40	61	57	- 2	WSW	4	bc	2	78	56	-			
The Helder ...	29.79	60	SW	2	o	29.63	- 38	58	54	- 1	SW	5	b	4	68	55	-			
Cape Gris Nez ...	29.95	56	SSW	4	bc	29.70	- 29	54	52	?	SW	7	o	5	63	52	-			
†Jersey ...	30.06	62	W	3	b	29.84	- 35	56	53	- 2	SW	4	ow	3	62	51	-			
Brest ...	30.09	60	WNW	3	b	29.86	- 35	58	55	+ 3	WSW	5	o	4	66	48	-			
Lorient ...	30.03	64	WNW	4	b	29.88	- 26	58	54	- 1	WSW	5	c	2	72	52	-			
†Rochefort ...	30.04	70	WNW	4	b	29.96	- 16	?	63	?	WSW	1	b	0	?	57	-			
Biarritz ...	30.05	66	N	1	bc	29.97	- 17	66	?	+ 3	S	1	bc	3	71	57	-			
Coranna ...	*	*	*	*	*	30.35	+ 07	63	*	- 2	NE	1	o	1	*	*	*			
Brussels ...	*	*	*	*	*	?	?	64	57	+ 1	SW	3	b	*	80	56	-			
Charleville ...	30.06	75	W	1	b	29.87	- 23	65	58	+ 3	S	1	b	*	81	50	-			
Paris ...	29.99	77	WSW	1	bc	29.81	- 21	69	63	+ 1	S	4	b	*	*	*	-			
Lyons ...														*						
Toulon ...	30.06	71	WSW	1	b	30.06	- 04	64	58	- 7	S	4	bc	0	75	69	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction ...	28.48	53	WSW	5	r	28.28	- 43	47	44	- 5	W	4	o	*	58	47	1.31			

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.63	50	49	SW	2	r	3	Valentia ...	29.87	59	57	SSW	7	og	4
Sumburgh Head ...								Scilly ...	30.17	64	59	WSW	4	c	4
Stornoway ...	29.29	55	55	SSW	2	r	3	Dover ..	29.98	65	62	SW	3	b	11
Aberdeen ...	29.64	66	56	SW	4	o	1	London ...	29.94	78	69	W	3	bm	*
Shields ...	29.73	62	58	WSW	4	o	2	Yarmouth ...	29.90	76	62	WSW	3	b	1
Ardrossan ...	29.46	56	55	WSW	4	r	3	Jersey ...	30.04	60	57	W	3	b	1
Mullaghmore ...	29.65	56	56	SW	7	og	6	Rochefort ...	30.11	65	60	NNW	3	b	1
Holyhead... ..	29.85	59	56	SSW	5	ow	3								

Pressure continues to go away, but the change in the SW is very slight. Gradually have consequently increased and the SW wind in the N. is now very strong. Rain has set in in N. Scotland and N. Ireland, but the cloudy weather has not yet extended to 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 (mazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

FOR

MONDAY 6<sup>TH</sup> JUNE

1881.

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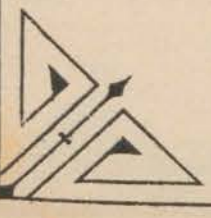
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ROBERT H. SCOTT

(SECRETARY.)



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# WEATHER CHARTS

for 8 a.m. on MONDAY 6<sup>TH</sup> JUNE.

1887

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

☉ = dead calm.

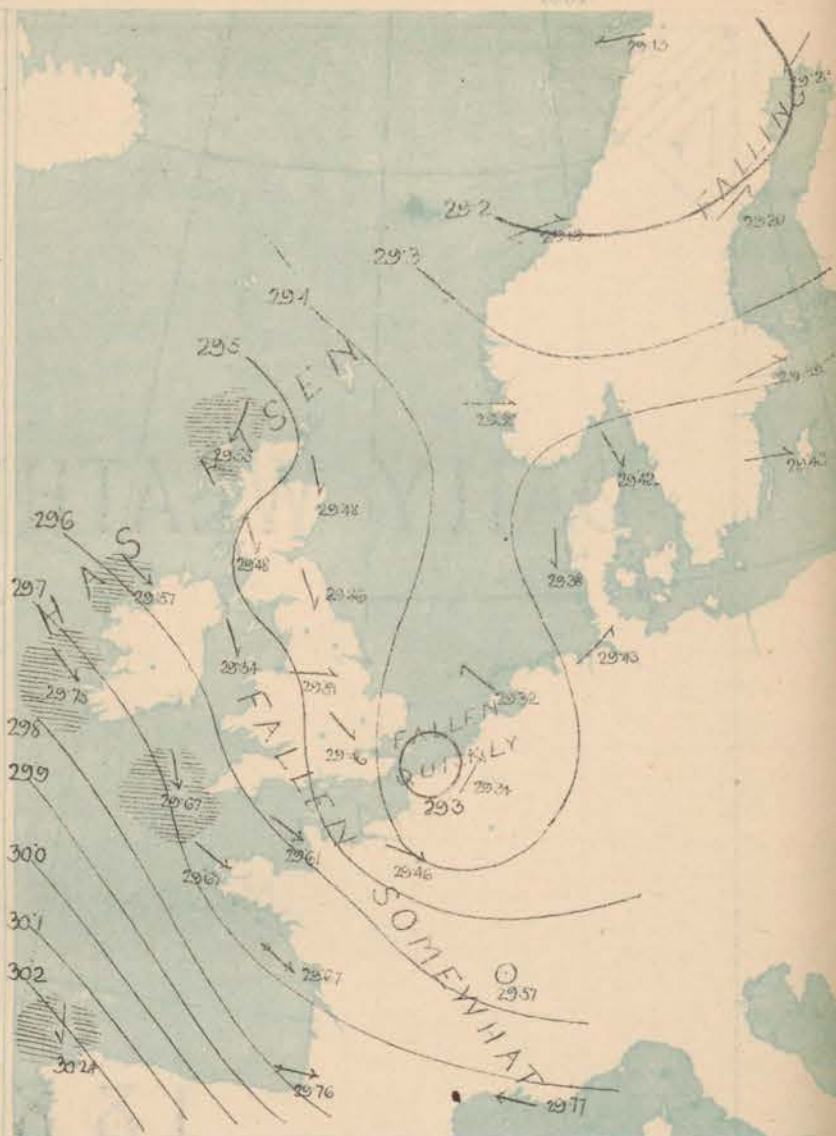
Sea Disturbance, where considerable, is shown by shading towards the coast, thus: *High* *Low* *High*.

## MEAN HEIGHT of the BAROMETER

for the month of June

Stations	Mean Readings, Ins.
Nairn	29.52
Aberdeen	29.50
Leith	29.49
Scarborough	29.48
Ardrossan	29.47
Greenacres	29.46
Holyhead	29.45
Valentia	29.44
Roshe's Pt.	29.43
Plymouth	29.42
LONDON	29.41
Farmouth	29.40

These means are for the 10 years 1867-76. 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° change 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.

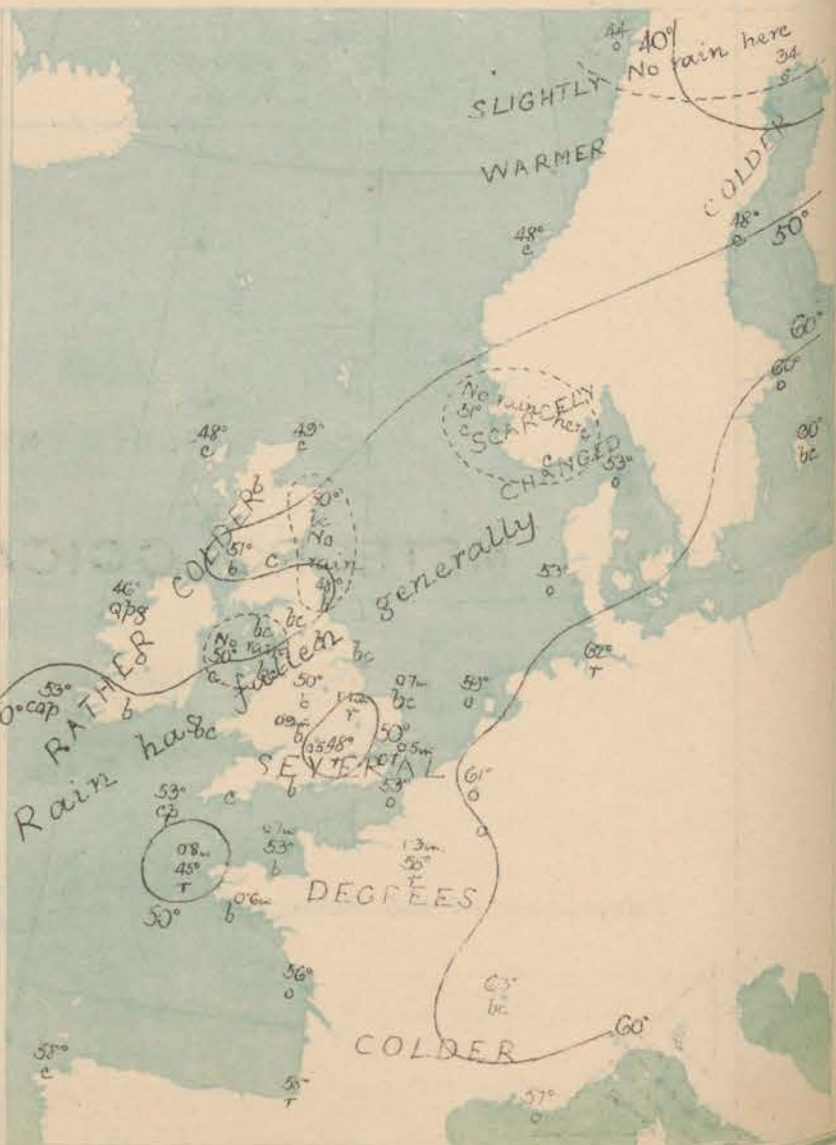
Falls of 0.5 in. or more are quoted in figures.

## MEANS OF TEMPERATURE AND RAINFALL

for the month of June

Stations	Temp.	Rain-Fall
Sandburgh Head	51.8	2.15
Sornway	52.4	2.05
Aberdeen	52.3	2.02
Shetland	52.0	1.06
Wick	52.4	2.20
Shullaghmore	52.1	1.0
Holyhead	52.6	1.01
Paranstown	52.6	2.01
Valentia	52.8	2.03
Sally (St. Mary's)	52.2	2.23
Burst Castle	52.9	2.0
Dover	52.7	1.76
LONDON	51.2	2.17
Farmouth	52.8	2.23

The mean temperatures are those for the 10 years 1867-76; the mean Rainfall is that for the 10 years 1867-76.





# REMARKS

for MONDAY 6<sup>th</sup> JUNE 1881 at 8 a.m.

The two depressions noticed yesterday have both travelled in an almost due E<sup>2</sup> direction. That in the N. has passed on to the N. of Scandinavia, where it appears to be filling up, while the small subsidiary one has passed on to the Strait of Dover, and has become much deeper. In most parts of these Islands as well as in the NW. of France the mercury is recovering, but in the SE. of England and over North Germany it is falling briskly. The wind is N<sup>2</sup> to NW<sup>2</sup> on all our own and the French coast, and though light or moderate in most places blows strongly in Ireland and over the Bay of Biscay. Temperature has fallen several degrees in all places and readings now range from 53° in the SW. to 47° at Cambridge and Nairn. The weather is moderately fine over Central and E. England, and the greater part of Scotland, but is cloudy and showery elsewhere. Rain has fallen except in the NW. of England, the amounts over France and the SE. of England varying between 0.5 in. and 1.3 in. The sea is rough in the N.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

7<sup>th</sup> JUNE.

ISSUED AT 11 a.m. on previous day.

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Light or moderate N <sup>2</sup> or NE <sup>2</sup> breezes; fine to cloudy.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Light N <sup>2</sup> breezes, fine to showery.
5 MIDLAND COUNTIES	Light or moderate NW <sup>2</sup> breezes; fine temporarily then dull and rain, cool.
6 ENGLAND SOUTH	-----D°-----D°-----D°-----

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Same as N <sup>o</sup> 0 to 2.
7 ENGLAND N.W.	NW <sup>2</sup> winds, moderate; showery.
8 ENGLAND S.W.	NW <sup>2</sup> winds, moderate to strong; cloudy, showery.
9 IRELAND NORTH	NW <sup>2</sup> winds, backing and then veering again, fresh, cloudy, unsettled, showery.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

6<sup>th</sup> JUNE

1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.38	40	Z	0	c	29.23	+ 1.4	34	32	- 5	NE	4	S	*	45	32	-	
Hernösand	29.23	39	NE	6	h	29.30	- 0.1	48	44	- 4	SW	2	c	*	54	39	0.24	
Stockholm	29.27	55	WSE	4	0	29.39	+ 0.3	60	51	0	WSW	4	0	*	61	50	-	
Wisby	29.41	58	W	4	0	29.43	- 0.4	60	55	+ 4	W	4	bc	*	63	41	0.12	
Bodö	29.14	41	ESE	4	c	29.13	- 0.3	44	39	+ 3	E	2	0	1	46	39	-	
Christiansund	29.15	47	W	3	e	29.19	+ 1.4	43	43	+ 2	W	4	c	3	50	34	0.24	
†Skudesnaes	29.34	50	SW	4	c	29.38	+ 1.9	51	45	- 1	W	4	c	4	54	50	-	
Oxö (Christiansund)	29.34	?	SW	6	bc	29.41	+ 1.6	50	49	0	WSW	2	c	2	52	43	-	
Skagen (The Skaw)	29.37	51	WNW	6	c	29.42	+ 1.1	53	48	- 1	WNW	3	0	2	59	50	0.08	
Fanö	29.46	52	WSW	2	h	29.38	- 1.1	53	51	- 4	N	2	0	*	59	48	0.51	
Cuxhaven	29.57	?	WNW	3	b	29.43	- 2.0	62	58	- 3	SW	2	h	*	70	52	-	
†Sumburgh Head																		
†Stornoway	29.38	50	WNW	5	c	29.55	+ 2.5	43	43	- 2	ENE	5	c	5	53	38	0.10	
Wick	29.39	52	NW	6	hpc	29.51	?	49	47	0	WNW	4	c	3	55	39	0.10	
Nairn	29.35	55	WNW	5	b	29.50	+ 1.5	47	44	- 5	NW	2	b	2	56	40	0.03	
†Aberdeen	29.37	57	WNW	3	b	29.43	+ 1.1	50	45	- 4	WNW	2	bc	1	64	38	-	
Leith	29.42	59	NW	4	b	29.48	+ 0.3	51	46	- 4	N	1	c	*	64	42	0.03	
†Shields	29.42	60	WNW	4	c	29.46	0.0	48	46	- 6	NW	2	b	0	60	46	-	
Spurn Head	29.46	52	SE	3	0	29.44	- 0.6	52	50	- 5	N	4	bc	4	58	48	0.15	
York	29.46	60	WSW	2	bc	29.48	- 0.2	51	47	- 5	WNW	2	b	*	62	42	0.03	
Nottingham	29.53	54	SSW	3	0	29.51	- 0.8	56	49	- 2	W	1	b	*	59	44	0.32	
†Ardrossan	29.45	55	WNW	4	bc	29.48	+ 0.1	51	49	- 2	WNW	2	b	2	57	46	0.02	
†Mullaghmore	29.57	52	WNW	6	bc	29.57	0.0	46	45	- 2	NW	6	pgg	6	56	45	0.13	
Donaghadee	29.53	48	S	4	h	29.52	- 0.2	49	46	- 5	WNW	4	bc	2	58	42	0.21	
Parsonstown	29.61	55	WNW	3	bc	29.63	- 0.1	49	46	- 4	WNW	2	0	*	58	44	0.06	
Barrow-in-Furness	29.50	55	WSW	4	bc	29.48	- 0.4	51	48	0	WNW	4	bc	4	58	47	-	
†Holyhead	29.55	57	WSW	3	b	29.54	- 0.4	50	48	- 2	NW	4	c	3	59	47	-	
Liverpool (Bidston)	29.51	56	W	2	b	29.51	- 0.4	50	46	0	WNW	3	bc	2	56	43	-	
†Valentia	29.71	55	NW	4	b	29.75	+ 0.5	53	47	- 2	NW	5	pgg	5	59	46	0.10	
Roche's Point	29.63	56	WNW	5	bc	29.66	+ 0.1	51	46	- 4	WNW	6	b	4	60	45	0.05	
Pembroke	29.55	52	NW	2	c	29.55	0.0	50	47	- 2	NW	4	bc	3	57	47	0.08	
†Scilly	29.64	55	NW	6	c	29.67	- 0.1	53	49	- 4	NW	6	cp	5	58	47	0.37	
Prawle Point	29.54	50	N	4	h	29.59	- 1.0	51	49	- 4	WNW	4	c	3	56	48	0.42	
Hurst Castle	29.49	54	WSW	7	h	29.49	- 2.1	54	50	- 2	N	4	b	3	56	47	0.34	
†Dover	29.54	57	WSW	4	bc	29.57	- 3.4	51	50	- 5	NE	4	0	2	59	50	0.54	
†London	29.49	58	SSW	2	h	29.46	+ 2.3	48	47	- 10	NW	2	h	*	63	43	0.50	
Oxford	29.47	52	N	2	h	29.47	- 1.6	51	47	- 8	NW	5	b	*	62	47	0.86	
Cambridge	29.48	54	N	1	h	29.43	+ 1.7	47	47	- 12	NW	1	h	*	69	46	1.09	
†Yarmouth	29.49	57	SW	3	h	29.39	+ 2.3	53	47	- 8	N	2	bc	3	63	48	0.72	
The Helder	29.49	57	SW	2	0	29.32	- 3.1	54	55	+ 1	SE	1	0	2	59	55	0.04	
Cape Gris Nez	29.58	56	SW	7	0	29.28	- 3.2	53	53	- 1	ENE	5	0	4	64	52	0.28	
†Jersey	29.60	56	SW	4	h	29.61	- 2.3	53	50	- 3	NW	5	b	4	63	49	0.72	
Brest	29.61	51	N	7	h	29.67	- 1.9	45	44	- 13	NW	5	h	3	61	45	0.79	
Lorient	29.63	59	SW	7	h	29.63	- 2.5	53	49	- 5	NW	7	b	4	64	43	0.63	
†Rochefort	29.75	68	W	5	b	29.67	- 2.9	56	52	- 7	NW	9	0	4	75	50	0.23	
Biarritz	29.75	79	SE	4	b	29.76	- 2.1	58	54	- 8	WNW	8	h	h	81	52	0.39	
Corunna	*	*	*	*	*	30.24	*	58	*	*	N	1	c	5	*	*	*	
Brussels	*	*	*	*	*	29.34	?	61	57	- 3	SSW	4	0	*	60	57	-	
Charleville	29.73	63	SW	7	b	29.47	- 4.0	59	57	- 6	SSW	5	0	*	84	57	0.08	
Paris	29.63	77	S	4	bc	29.46	- 3.9	55	54	- 12	NW	1	h	*	*	*	1.26	
Lyons	29.83	73	S	5	b	29.57	*	63	54	*	S	?	bc	*	80	54	-	
Torlon	29.92	64	SSE	1	h	29.77	- 2.9	57	55	- 7	RSE	5	0	2	70	55	0.08	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.26	49	N	2	h	28.25	- 0.3	44	43	- 3	N	3	bc	*	55	26	-	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudeanaes ...	29.22	54	51	W	h	2	3	Valentia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	29.88	74	65	SSW	7	6	2
Holyhead... ..															

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

FOR

TUESDAY, 7<sup>TH</sup> JUNE.

1881.

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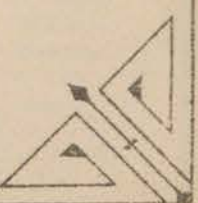
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ROBERT H. SCOTT  
(SECRETARY.)



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# WEATHER CHARTS

for 8 a.m. on Tuesday 7<sup>th</sup> JUNE.

1887

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

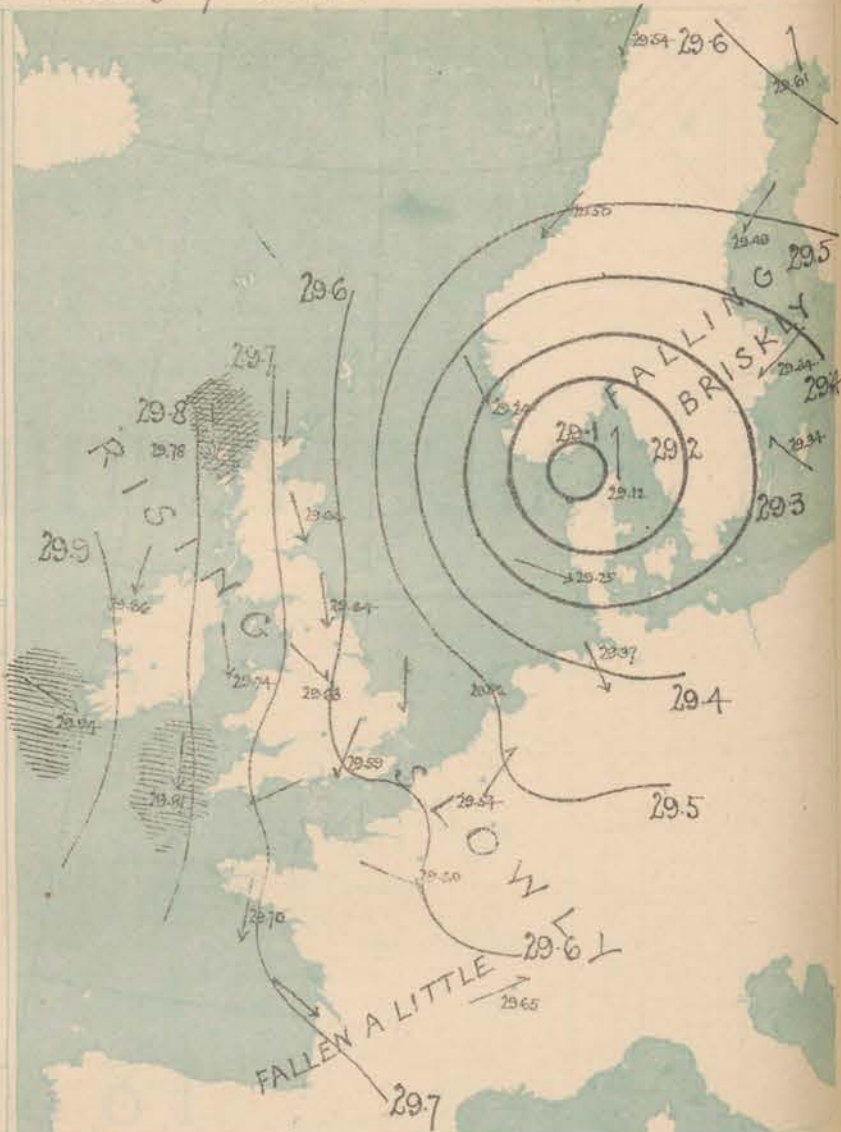
○, dead calm.  
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

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

for the month of June.

Stations.	Mean Readings In.
Saun	29.934
Aberdeen	29.939
Leith	29.969
Scarborough	29.902
Ardrossan	29.982
Greenock	29.983
Holyhead	29.913
Valentia	29.961
Roche's Pt.	29.932
Plymouth	29.960
LONDON	29.940
Vermouth	29.927

<sup>s</sup> 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.

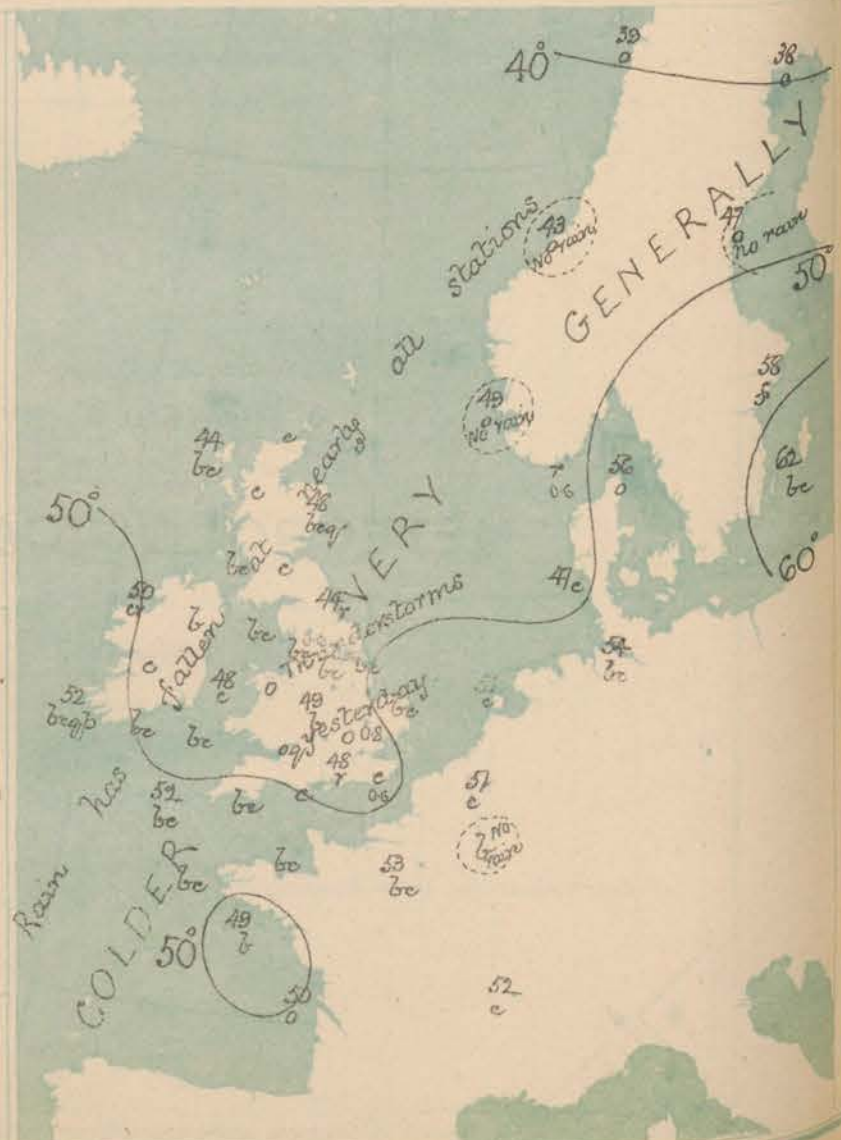
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.  
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.  
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. 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

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

for the month of June.

Stations.	Temp.	Rain-fall in.
Sandwich Head	51.8	1.15
Scornway	52.4	3.06
Aberdeen	56.3	1.62
Shetland	58.0	1.68
Wick	54.8	2.39
Malinbegmore	58.1	—
Holyhead	50.8	1.61
Parsonstown	58.6	2.04
Valentia	56.8	2.83
Sally (St. Mary's)	50.2	2.21
Ilurst Castle	59.9	—
Dover	59.2	1.70
LONDON	61.2	2.17
Vermouth	59.3	2.01

<sup>s</sup> The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866-75.





# REMARKS

for Tuesday 7<sup>th</sup> JUNE 1881 at 8 a.m.

Pressure is increasing over the north of Norway, the whole of these Islands and the north of France, but is decreasing briskly over the Skager Rack, where a small but well marked depression is shown. Readings are highest off our western coast, and very small subsidiary disturbances are passing from north to south over these Islands. The wind is N<sup>by</sup> to NW<sup>by</sup> in all places except the Scaw, where a S<sup>by</sup> wind has sprung up owing to the small depression noticed above. On nearly all coasts it blows freshly or strongly, and at times last evening reached the force of a gale in the south-west. The weather continues in a very unsettled state, the sky is nearly clear in several parts of the country, while in others it is overcast, with rain at Shields, Valentinia and in London. Rain has fallen generally during the past 24 hours, and sharp thundershowers have occurred over the inland, southern and central districts. Temperature has again fallen and now ranges from 53° at Prawle Point to 43° at Nairn. The sea is rough in the south-west and high at Stornoway.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon on the

8<sup>th</sup> JUNE.

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

N<sup>by</sup> (NE-NW) winds, moderate to strong; cloudy and cool; some showers.

2 SCOTLAND EAST

----- D° ----- D° ----- D°

3 ENGLAND N.E.

----- D° ----- D° ----- D°

4 ENGLAND EAST

N<sup>by</sup> breezes, moderate; cool, cloudy, showery.

5 MIDLAND COUNTIES

N<sup>by</sup> breezes, moderate and fresh; cloudy, cool and showery then improving

6 ENGLAND SOUTH

----- D° ----- D° ----- D°

6 SCOTLAND WEST

Same as N<sup>by</sup> 0 to 2

7 ENGLAND N.W.

Same as N<sup>by</sup> 0 to 2

8 ENGLAND S.W.

Fresh or strong N<sup>by</sup> winds; fine to showery.

9 IRELAND NORTH

Fresh N<sup>by</sup> winds; cool, cloudy, showery.

10 IRELAND SOUTH

----- D° ----- D° ----- D°

WARNINGS

None issued.



# METEOROLOGICAL OBSERVATIONS FOR

7<sup>th</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.54	35	N	2	0	29.61	+ .08	38	34	+ 4	S	3	0	*	39	34	0.24		
Hernösand	29.42	42	ENE	4	0	29.49	+ .07	47	44	- 3	NW	2	0	*	59	36	-		
Stockholm	29.38	53	E	2	N	29.34	- .05	58	56	- 2	ENE	2	f	*	58	50	0.12		
Wisby	29.24	58	E	2	0	29.34	- .09	62	68	+ 6	SE	2	bc	*	72	45	0.04		
Bodö	29.31	41	NNE	2	0	29.54	+ .23	39	37	- 2	NNE	2	0	1	45	36	0.08		
Christiansund	29.44	45	N	3	C	29.50	+ .06	43	40	- 3	NW	5	0	3	50	34	-		
† Skudesnaes	29.30	49	NW	4	0	29.24	- .06	49	47	- 2	NNW	4	0	3	55	43	-		
Öxö (Xiansund)	29.30	50	SW	2	0	29.10	- .20	43	42	- 1	NW	4	N	2	54	43	0.59		
Skagen (The Skaw)	29.32	51	NW	3	N	29.12	- .20	56	54	+ 2	S	4	b	4	63	50	0.08		
Fanö	29.13	37	ENE	4	0	29.25	- .13	47	46	- 1	WNW	6	e	*	57	45	0.24		
Cuxhaven	29.35	?	W	3	E	29.37	- .02	54	50	- 4	NNW	5	bc	*	63	48	0.10		
† Sumburgh Head																			
† Stornoway	29.68	45	N	6	bc	29.78	+ .10	44	43	- 1	N	7	bc	7	51	36	0.20		
Wick	29.61	43	N	4	C	29.69	+ .08	45	41	- 4	N	6	C	4	56	37	0.18		
Nairn	29.63	46	NNW	2	bc	29.71	+ .08	43	39	- 4	NNW	4	C	3	53	39	0.13		
† Aberdeen	29.58	50	N	4	E	29.64	+ .06	48	43	- 5	NNW	6	bc	3	54	40	0.17		
Leith	29.60	48	N	1	N	29.64	+ .04	46	42	- 4	N	1	C	*	50	39	0.16		
† Shields	29.51	51	NE	2	E	29.64	+ .13	44	42	- 2	NNW	5	N	4	55	38	0.07		
Spurn Head	29.49	52	ENE	4	C	29.59	+ .10	50	47	- 3	N	5	bc	4	57	45	0.05		
York	29.51	45	ENE	1	N	29.63	+ .12	47	43	- 4	N	3	bc	*	63	40	0.39		
Nottingham	29.57	48	ENE	2	0	29.63	+ .06	49	45	- 4	NW	2	C	*	64	42	0.17		
† Ardrossan	29.59	47	ENE	2	ep	29.72	+ .13	47	45	- 2	N	3	bc	2	60	39	0.02		
† Mullaghmore	29.73	52	N	6	cr	29.86	+ .13	50	45	- 5	N	5	cr	4	54	44	0.19		
Donaghadee	29.61	52	NNW	6	C	29.77	+ .16	48	43	- 5	ENE	6	C	4	56	44	0.01		
Parsonstown	29.69	54	NW	3	0	29.80	+ .11	47	44	- 3	NW	2	C	*	55	36	0.11		
Barrow-in-Furness	29.52	49	NW	4	N	29.78	+ .26	47	43	- 4	NE	3	bc	4	59	44	0.15		
† Holyhead	29.58	53	NNW	4	C	29.74	+ .16	48	44	- 4	NNW	6	ep	4	55	45	0.02		
Liverpool (Bidston)	29.53	52	WNW	3	C	29.71	+ .18	45	43	- 2	NW	1	0	1	55	42	0.24		
† Valentia	29.75	52	NW	6	qcp	29.94	+ .19	52	47	- 5	WNW	4	ep	5	56	43	0.15		
Roche's Point	29.71	52	N	6	C	29.86	+ .15	50	45	- 5	N	4	bc	4	54	43	0.09		
Pembroke	29.56	47	WNW	3	C	29.72	+ .16	48	44	- 4	NNW	6	bc	4	54	44	0.11		
† Scilly	29.67	48	NNW	7	0	29.81	+ .14	52	46	- 6	N	6	bc	6	55	46	0.11		
Prawle Point	29.60	52	WNW	4	bc	29.88	+ .28	63	58	+ 5	NW	4	bc	4	58	42	0.21		
Hurst Castle	29.53	56	NNW	4	bc	29.60	+ .07	60	47	- 13	NE	3	C	3	61	42	0.03		
† Dover	29.47	49	SW	1	cp	29.53	+ .06	49	47	- 2	ENE	4	C	2	53	45	0.63		
† London	29.49	49	SSW	2	ps	29.59	+ .10	48	46	- 2	ENE	2	N	*	59	45	0.30		
Oxford	29.59	48	NW	5	N	29.63	+ .04	45	43	- 2	N	4	qo	*	57	42	0.19		
Cambridge	29.46	53	N	1	C	29.50	+ .04	48	48	+ 0	NW	1	0	*	61	45	0.30		
† Yarmouth	29.43	55	NNW	2	bc	29.56	+ .13	52	47	- 5	N	4	bc	3	57	47	0.12		
The Helder	29.37	50	NNW	3	N	29.52	+ .15	51	47	- 4	NW	1	C	2	61	46	0.35		
Cape Gris Nez																			
† Jersey	29.66	53	N	5	C	29.68	+ .02	51	48	- 3	NW	4	bc	4	56	45	0.12		
Brest	29.73	55	NNW	4	C	29.75	+ .02	51	46	- 5	N	7	bc	4	59	43	0.16		
Lorient	29.71	53	NNW	5	bc	29.70	- .01	49	45	- 4	N	7	bc	4	61	46	0.16		
† Rochefort	29.74	53	NW	9	C	29.68	- .06	50	46	- 4	NW	7	0	2	63	41	0.35		
Biarritz																			
Corunna†	*	*	*	*	*	30.24	- .00	59	*	+ 1	N	2	op	5	*	*	*		
Brussels	*	*	*	*	*	29.84	+ .20	51	43	- 8	SW	3	C	*	65	47	0.36		
Charleville	29.30	50	SSW	5	0	29.58	+ .28	54	50	- 4	SSW	4	C	*	66	46	-		
Paris	29.59	58	NW	5	C	29.60	+ .01	53	43	- 10	WNW	3	bc	*	*	*	0.12		
Lyons	29.76	51	SSW	1	0	29.65	+ .08	52	49	- 3	WSW	1	C	*	66	44	0.16		
Toulon																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.29	48	E	3	op	28.42	+ .17	42	39	- 3	NNW	4	bc	*	53	36	0.59		

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

Hawes Junction	28.29	48	E	3	op	28.42	+ .13	42	39	- 3	WNW	4	bc	53	35	0.59
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes ...	29.41	56	50	N	4	N	Valentia ...	29.74	52	49	WN	5	cq	5
Sumburgh Head							Scilly ...	29.70	55	49	WN	6	cq	5
Stornoway ...	29.64	49	47	WN	6	C	Dover ..	29.46	50	49	WN	3	od	1
Aberdeen ...	29.55	54	47	N	3	bc	London ...	29.49	51	49	WN	3	on	*
Shields ...	29.49	55	52	NE	3	0	Yarmouth ...							
Ardrossan ...	29.52	57	49	WN	2	C	Jersey ...	29.66	55	50	WN	6	b	5
Mullaghmore ...	29.63	50	47	N	6	qht	Rochefort ...	29.78	60	57	WN	9	bc	4
Holyhead ...	29.56	54	49	WN	3	b								

The depression in the SE seems to be falling up without moving much, and the barometer is now rising except in Ireland. The weather is cool and showery with moderate to strong NW breezes.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

FOR

1881.

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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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# WEATHER CHARTS

for 8 a.m. on Wednesday 8<sup>th</sup> JUNE.

1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

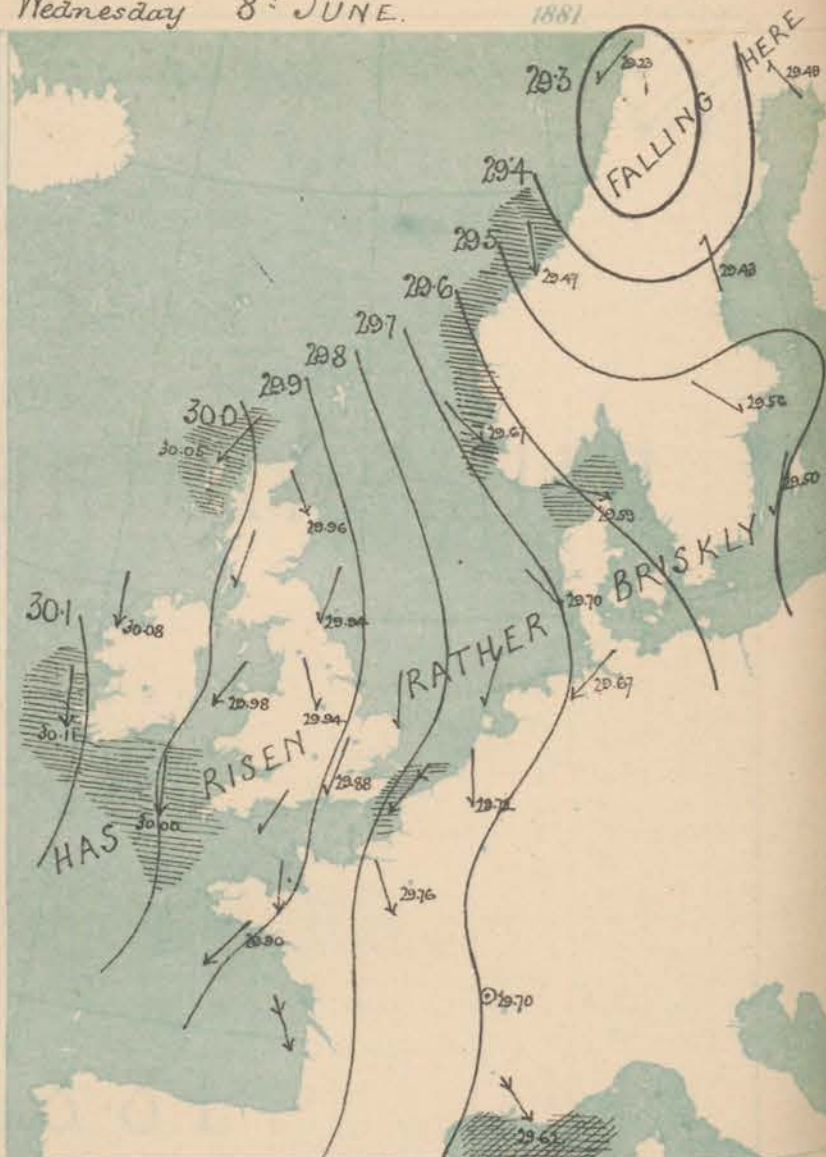
Sea Disturbance, where considerable, is shown by shading round the coast, thus: = Rough; = High.

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

for the month of June.

Stations	Mean Readings In.
Nairn	29.934
Aberdeen	29.939
Leith	29.949
Scarborough	30.002
Ardrossan	29.987
Greenock	29.985
Holyhead	30.013
Valentia	30.041
Roches Pt.	30.053
Plymouth	30.060
LONDON	30.040
Wormouth	30.027

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





# REMARKS

for Wednesday 8<sup>th</sup> June 1881 at 8 a.m.

The depression which yesterday morning lay over the Skagerrack has travelled on in a nearly due N<sup>ly</sup> direction and its centre is now shown near Bodo, where the barometer is now falling. In all other places a brisk increase of pressure is reported, but the relative distribution has not altered, the highest readings still lying to the westward of Ireland. Gradients have, however, decreased, and the winds which remain N<sup>ly</sup> on all coasts have fallen somewhat lighter in force. The weather is still rather unsettled, but at the majority of stations there has been some improvement, and the sky is moderately clear. In the N., however, a great deal of cloud is still reported, and hail is falling at Wick and Aberdeen. Rain and hail showers have occurred in most places, and a sharp thunderstorm at Dover and Jersey. Temperature has changed very little and readings range from 53° at Hawk Point to 41° at Aberdeen. The maxima yesterday were generally between 50° and 51°, but in the north the thermometer did not reach 50°. The sea is moderate in most places, but rough in the south-west and north-west, as well as at Spurn Head.

MAP SHOWING DISTRICTS



## FORECASTS

For the 24 hours ending at Noon  
on the  
9<sup>th</sup> JUNE.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	N <sup>ly</sup> winds, strong to moderate; cloudy and unsettled. Cold showers.
2 SCOTLAND EAST	—D°—D°—D°—
3 ENGLAND N.E.	N <sup>ly</sup> winds, moderate; some showers.
4 ENGLAND EAST	N <sup>ly</sup> and NE <sup>ly</sup> winds, moderate and fresh; some cold showers, with fine intervals.
5 MIDLAND COUNTIES	—D°—D°—D°—
6 ENGLAND SOUTH	—D°—D°—D°—

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Moderate N <sup>ly</sup> breezes; fair, cool.
7 ENGLAND N.W.	Fresh N <sup>ly</sup> breezes; showers, then fair.
8 ENGLAND S.W.	N <sup>ly</sup> winds, fresh; fair on the whole.
9 IRELAND NORTH	N <sup>ly</sup> winds, fresh and moderate; fair on the whole.
10 IRELAND SOUTH	—D°—D°—D°—
WARNINGS	None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

8<sup>th</sup> JUNE

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda ...	29.64	50	E	2	0		29.49	- 1.2	51	49	+ 1.3	SE	4	0	*	55	30	0.12
Hernösand ...	29.39	46	NE	2	f		29.43	- 0.6	52	50	+ 5	E	2	0	*	?	39	0.08
Stockholm ...	29.41	56	WNW	2	0		29.56	+ 2.2	56	52	- 2	WNW	2	0	*	71	50	-
Wisby ...	29.36	57	SW	4	0		29.50	+ 1.6	49	47	- 1.8	NNE	2	0	*	77	46	-
Bodö ...	29.52	42	NNE	2	0		29.23	- 3.1	47	43	+ 8	NNE	2	0	1	37	0.20	
Christiansund ...	29.29	39	NE	7	f		29.47	- 0.3	40	40	- 3	NNW	6	1	5	?	30	0.47
† Skudesnaes ...	29.39	45	WNW	8	0		29.67	+ 4.3	44	42	- 5	NW	6	0	5	50	?	-
Oxö (Xiänsund) ...	29.34	46	SW	6	c		29.61	+ 5.1	49	45	+ 6	WNW	4	0	2	52	41	-
Skagen (The Skaw) ...	29.43	50	W	7	e		29.59	+ 2.9	50	44	+ 6	WNW	5	0	5	57	45	-
Fanö ...	29.60	47	NW	4	e		29.70	+ 4.5	51	46	+ 4	NW	4	0	*	55	43	-
Cuxhaven ...	29.58	?	WNW	4	e		29.67	+ 3.0	52	48	- 2	NE	5	0	*	?	48	-
† Sumburgh Head ...																		
† Stornoway ...	29.85	44	N	6	c		30.05	+ 2.4	45	44	+ 1	NNE	5	0	6	47	34	0.05
Wick ...	29.76	45	NNE	6	bc		29.97	+ 2.8	45	41	0	N	6	0	4	60	33	0.05
Nairn ...	29.80	46	NNW	6	bc		29.91	+ 2.0	44	41	+ 1	NNW	2	0	3	47	36	0.11
† Aberdeen ...	29.73	43	NNW	6	bc		29.96	+ 3.2	41	39	- 7	NNW	6	0	3	53	36	0.03
Leith ...	29.76	49	SE	1	e		29.99	+ 3.0	46	43	0	NNE	1	0	*	57	40	0.20
† Shields ...	29.72	47	NNE	3	bc		29.94	+ 3.0	45	42	+ 1	NNE	3	0	4	51	39	-
Spurn Head ...	29.70	50	N	5	b		29.90	+ 3.1	49	46	- 1	NNE	5	0	5	52	44	-
York ...	29.73	49	WNW	2	e		29.95	+ 3.2	47	43	0	N	3	0	*	53	37	0.04
Nottingham ...	29.74	50	NW	3	c		29.94	+ 3.1	49	43	0	NNW	2	0	*	57	38	-
† Ardrossan ...	29.99	46	NNW	4	qpb		29.99	+ 2.7	46	40	- 1	NNE	2	0	2	53	37	0.07
† Mullaghmore ...	29.91	48	NW	6	bc		30.08	+ 2.2	48	45	- 2	N	5	0	4	54	46	0.05
Donaghadee ...	29.81	50	N	6	b		30.02	+ 2.5	50	45	+ 2	NNE	4	0	2	53	43	-
Parsonstown ...	29.92	52	NW	2	bc		30.09	+ 2.0	47	43	0	NW	1	0	*	54	33	0.02
Barrow-in-Furness ...	29.75	49	NW	4	n		29.95	+ 1.7	45	42	- 2	NNE	4	0	4	57	41	0.16
† Holyhead ...	29.81	50	NNW	5	b		29.98	+ 2.4	44	43	- 4	NE	5	0	4	51	44	0.01
Liverpool (Bidston) ...	29.76	47	N	1	bc		29.96	+ 2.5	43	43	+ 3	NE	2	0	1	52	42	0.14
† Valentia ...	29.98	56	NNW	4	bc		30.11	+ 1.7	52	46	0	N	5	0	5	56	44	0.04
Roche's Point ...	29.93	53	N	4	bc		30.06	+ 2.0	50	45	0	N	4	0	3	57	45	-
Pembroke ...	29.79	50	NW	4	b		29.92	+ 2.0	47	44	- 1	NNW	5	0	3	52	41	-
† Scilly ...	29.89	54	NW	6	c		30.00	+ 1.9	51	44	- 1	N	6	0	6	54	46	0.04
Prawle Point ...	29.78	51	NNW	3	b		29.92	+ 2.4	53	49	0	NNW	3	0	2	59	39	-
Hurst Castle ...	29.71	52	NE	3	c		29.89	+ 2.9	51	48	+ 1	NE	3	0	3	54	42	0.09
† Dover ...	29.63	51	NE	4	bc		29.80	+ 2.7	48	45	- 1	ENE	4	0	2	52	44	0.48
† London ...	29.67	55	NE	3	c		29.88	+ 2.9	50	45	+ 2	NNE	3	0	*	55	42	0.07
Oxford ...	29.74	46	NNW	2	c		29.91	+ 2.3	48	43	+ 3	N	2	0	*	53	40	0.02
Cambridge ...	29.69	48	N	1	c		29.89	+ 3.9	50	46	+ 2	N	1	0	*	57	38	0.12
† Yarmouth ...	29.64	52	NNW	3	c		29.85	+ 1.9	50	45	- 2	N	3	0	4	57	46	0.08
The Helder ...	29.63	51	N	1	c		29.75	+ 2.3	57	45	0	NNE	4	0	3	55	43	0.04
Cape Gris Nez ...	29.65	51	NE	5	0		29.75	-	49	47	-	NE	8	0	6	55	46	0.39
† Jersey ...	29.77	50	NW	4	cp		29.91	+ 2.3	48	45	- 3	N	5	0	4	54	43	0.07
Brest ...	29.86	52	N	5	b		29.97	+ 2.2	49	43	- 2	N	5	0	3	54	43	0.04
Lorient ...	29.80	54	NNW	8	c		29.90	+ 2.0	46	43	- 3	NE	5	0	3	57	45	-
† Rochefort ...	29.75	59	NNW	8	bc		29.88	+ 2.0	52	47	+ 2	NNW	9	0	4	61	45	-
Biarritz ...																		
Corunna ...	*	*	*	*	*				*							*	*	*
Brussels ...	*	*	*	*	*		29.72	+ 1.8	49	47	- 2	N	3	0	*	58	46	0.24
Charleville ...	29.63	55	E	4	bc		29.67	+ 0.9	50	47	- 4	NW	1	0	*	63	44	-
Paris ...	29.62	57	WNW	4	bc		29.76	+ 1.6	49	47	- 4	NNW	4	0	*	*	*	0.04
Lyons ...	29.65	46	SE	1	n		29.70	+ 0.5	45	44	- 7	SE	1	0	*	66	41	0.47
Toulon ...	29.57	57	W	8	bc		29.62	-	50	45	-	NW	8	0	7	63	46	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction ...	28.49	43	WSW	3	bc		28.70	+ 2.8	40	38	- 2	N	3	0	*	45	34	0.21

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.21	48	46	SW	5	2	4	Valentia ...	29.96	55	49	NNW	3	bc	4
Sumburgh Head								Scilly ...	29.87	53	46	N	6	bc	6
Stornoway ...	29.82	45	44	N	6	bc	7	Dover ..	29.58	49	47	NE	3	cp	2
Aberdeen ...	29.63	53	46	N	6	bc	3	London ...	29.66	52	49	NNW	4	0	*
Shields ...	29.69	49	46	N	5	0	5	Yarmouth ...	29.62	54	48	NNW	3	b	3
Ardrossan ...	29.72	50	44	NW	4	bc	3	Jersey ...	29.73	50	47	N	4	0	4
Mullaghmore ...	29.89	52	47	NNW	6	bc	5	Rochefort ...	29.72	56	51	NNW	11	c	7
Holyhead...	29.79	50	45	NNW	6	bc	4								

Pressure still increases slowly over these Islands while it decreases over Scandinavia. In consequence gradients are steep in the N., and the N. wind, which is fresh generally, blows strongly in Scotland. The weather remains cloudy and cool.

## 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

THURSDAY, 9<sup>TH</sup> JUNE.

1881.

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ISSUED BY THE

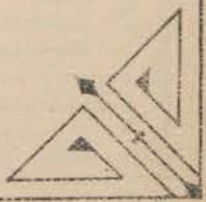
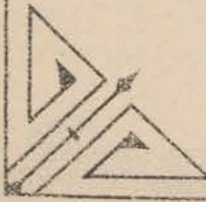
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ROBERT H. SCOTT  
(SECRETARY.)



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# WEATHER CHARTS

for 8 a.m. on Thursday 9<sup>th</sup> JUNE. 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

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

○, dead calm.

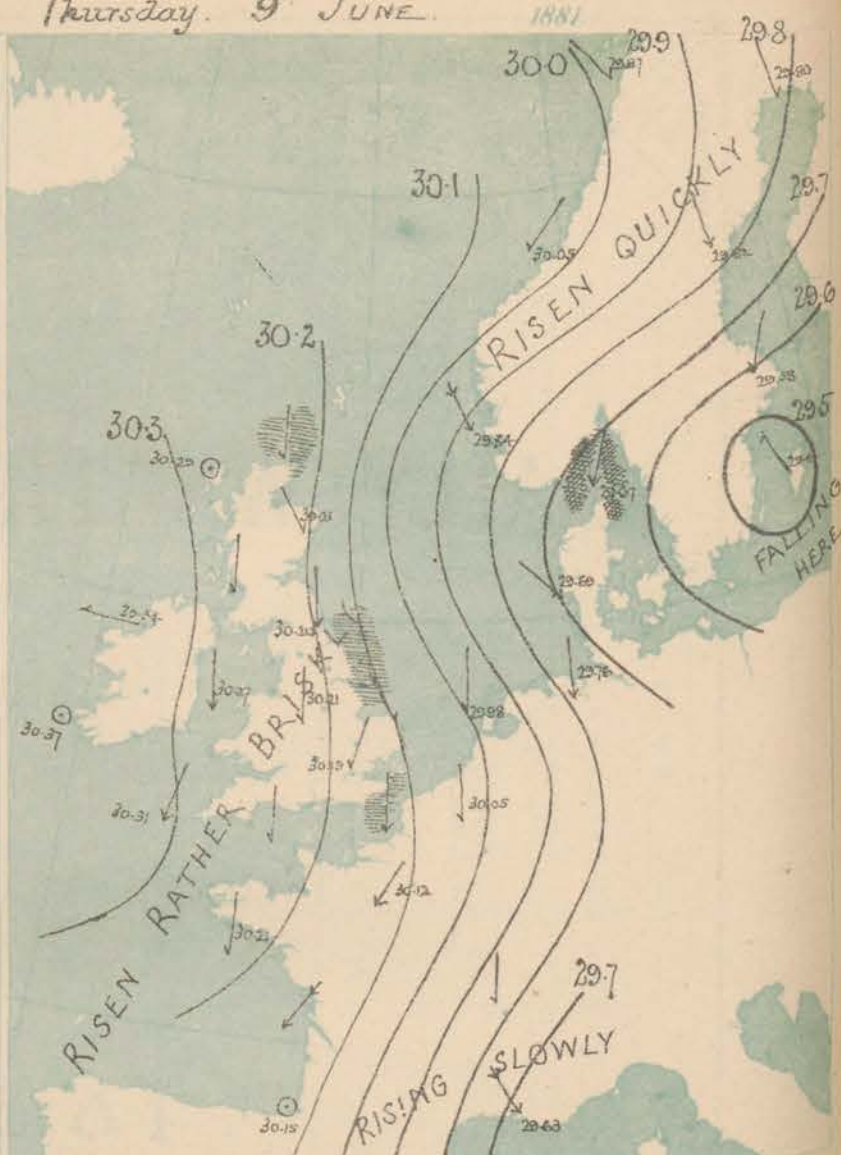
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

## MEAN HEIGHT of the BAROMETER

for the month of June.

Stations	Mean Readings (ins)
Nairn	29.874
Aberdeen	29.929
Leith	29.969
Scarborough	30.002
Ardrossan	29.982
Greenock	29.982
Holyhead	30.073
Valentia	30.041
Roche's Pt.	30.033
Plymouth	30.060
LONDON	30.040
Yarmouth	30.027

\* 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 1°. Changes in temperature since previous morning are stated in words.

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

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

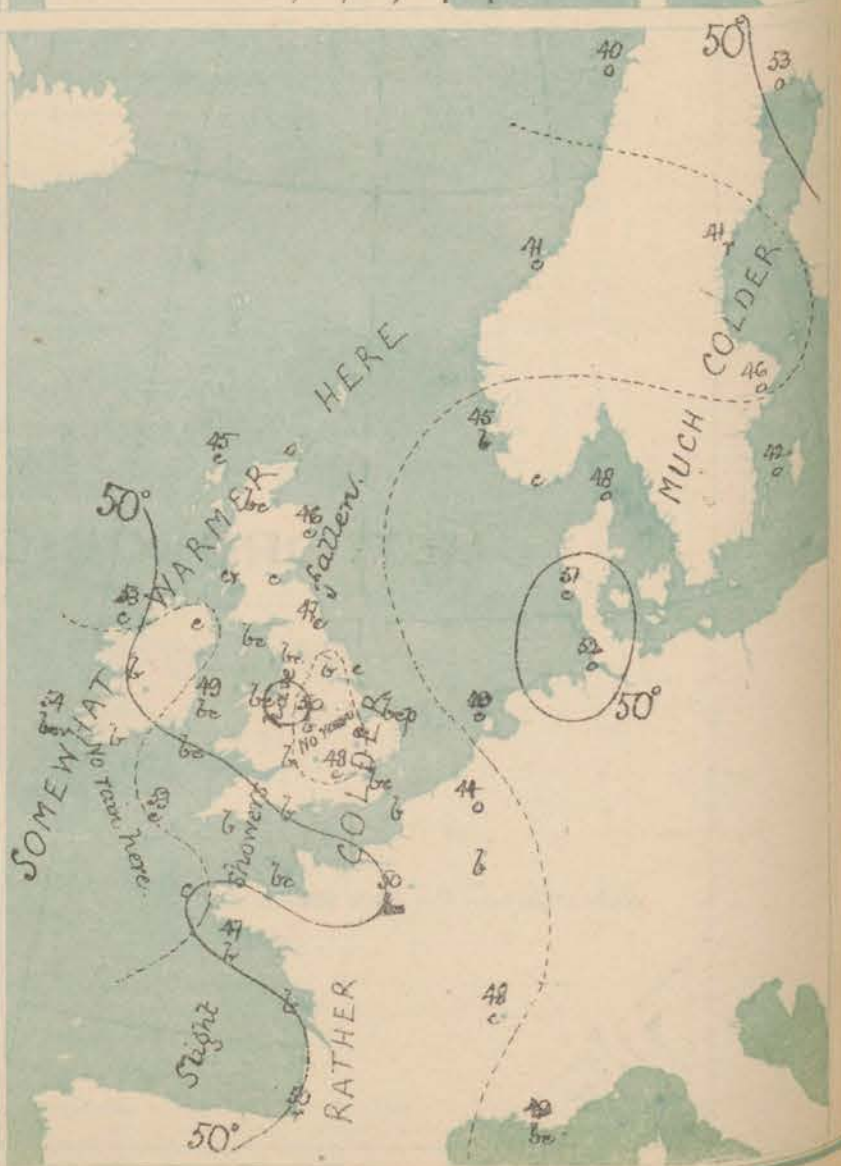
Falls of 0.5 in. or more are quoted in figures.

## MEANS of TEMPERATURE AND RAINFALL

for the month of June

Stations	Temp.	Rain-fall (ins)
Sunderland Head	57.5	1.15
Scoones	58.4	0.62
Aberdeen	56.3	1.62
Shields	58.0	1.10
York	48.8	2.30
Mullaghmore	58.1	?
Holyhead	58.8	1.91
Parsonstown	58.6	2.01
Valentia	58.2	1.82
Sally (St Mary's)	56.2	2.23
hurst Castle	59.9	?
Dover	56.7	1.70
LONDON	61.2	2.12
Yarmouth	59.3	2.23

\* 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 9<sup>th</sup> June 1881 at 8 a.m.

The barometer is rising this morning in all parts of Western Europe, but a small well marked depression is shown advancing over the south of Sweden, while a large area of low readings lies over the Gulf of Lyons. An area of h<sub>h</sub> pressure seems to be spreading over these Islands from the W<sup>nd</sup>, the barometer being still highest and rising in Ireland. The wind is N<sup>2</sup> (between NW and NE) on all coast. In the N. and W. it is generally light or moderate in force, but on both shores of the North Sea and over France it blows strongly. The weather is cloudy or dull over Scandinavia and Denmark and in our own N<sup>2</sup> districts, but is fine and bright generally. Slight showers have occurred except in Ireland and the SE of England. Temperature is inclined to rise in the N. and W., but still falls over England, and readings range from 54° at Valentia to 43° at Nairn. The maxima yesterday were below 60° everywhere and below 50° in the N. Last night the thermometer in the shade fell to 32° at Parsonstown and 33° at Nottingham. Sea is rough in the east.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the  
10<sup>th</sup> JUNE.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	N <sup>2</sup> winds, moderate and fresh; weather fair, though rather cloudy and cold.
2 SCOTLAND EAST	D <sup>2</sup> D <sup>2</sup> D <sup>2</sup>
3 ENGLAND N.E.	D <sup>2</sup> D <sup>2</sup> D <sup>2</sup>
4 ENGLAND EAST	Moderate N <sup>2</sup> winds; fair, cool.
5 MIDLAND COUNTIES	N <sup>2</sup> to NE <sup>2</sup> breezes, falling lighter; fair on the whole, but still cool for season.
6 ENGLAND SOUTH	D <sup>2</sup> D <sup>2</sup> D <sup>2</sup>

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	N <sup>2</sup> breezes, light; cloudy, cool.
7 ENGLAND N.W.	N <sup>2</sup> winds, moderate and fresh; fair, cool.
8 ENGLAND S.W.	D <sup>2</sup> D <sup>2</sup> D <sup>2</sup>
9 IRELAND NORTH	N <sup>2</sup> breezes, light or moderate; fair, rather warmer.
10 IRELAND SOUTH	D <sup>2</sup> D <sup>2</sup> D <sup>2</sup>
WARNINGS	None issued



# METEOROLOGICAL OBSERVATIONS FOR

9<sup>TH</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force (0 to 11).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda ...	29.61	41	S	2	0	29.80	+ .31	53	47	+ 2	N	2	0	*	54	41	-		
Hernösand ...	29.68	56	NNW	6	C	29.82	+ .39	41	39	- 11	N	6	N	*	64	41	0.20		
Stockholm ...	29.55	49	ESE	6	N	29.58	+ .02	46	46	- 10	NNE	6	0	*	64	46	0.28		
Wisby ...	29.43	49	ESE	2	2	29.41	- .09	42	39	- 7	SSE	4	0	*	52	41	?		
Bodö ...	29.69	39	WSW	6	0	29.97	+ .74	40	38	- 7	NW	2	0	1	48	37	-		
Christiansund ...	29.95	41	NNE	3	0	30.05	+ .58	41	37	+ 1	NE	3	0	4	43	30	0.24		
†Skudesnaes ...	29.88	44	NNW	8	6	29.84	+ .17	45	41	+ 1	NNW	8	6	4	46	43	-		
Oxö (Xpansund) ...	29.64	54	WNW	4	C	29.72	+ .11	55	49	+ 6	NE	4	0	2	55	46	-		
Skagen (The Skaw)	29.63	51	NNW	2	C	29.67	+ .08	48	46	- 2	NNE	7	0	8	55	46	-		
Fanö ...	29.76	47	NW	6	C	29.69	- .01	51	49	0	NW	6	C	*	54	45	-		
Cuxhaven ...	29.75	?	N	5	0	29.76	+ .09	52	43	0	N	6	0	*	54	46	-		
†Sumburgh Head																			
†Stornoway ...	30.20	45	N	4	C	30.24	+ .24	45	44	0	ESE	1	C	1	48	36	-		
Wick ...	30.15	45	N	5	0	30.28	+ .26	47	42	+ 2	N	4	0	2	49	35	0.04		
Nairn ...	30.16	45	NNW	4	C	30.25	+ .34	43	40	- 1	NNW	3	6	2	50	39	0.13		
†Aberdeen ...	30.12	48	N	5	6	30.21	+ .25	46	41	+ 5	NNW	4	C	3	52	38	0.01		
Leith ...	30.13	51	S	1	6	30.25	+ .26	48	42	+ 2	NNE	1	C	*	54	40	0.05		
†Shields ...	30.09	49	NE	5	6	30.20	+ .26	47	44	+ 2	N	5	C	5	50	37	0.04		
Spurn Head ...	30.04	48	NNE	5	6	30.16	+ .26	45	43	- 4	N	5	C	5	51	34	0.10		
York ...	30.08	49	N	4	6	30.21	+ .26	47	42	0	NW	4	6	*	53	37	-		
Nottingham ...	30.06	48	N	3	6	30.21	+ .27	50	43	+ 1	N	3	6	*	56	33	-		
†Ardrossan ...	30.11	50	E	3	C	30.26	+ .27	45	41	- 1	N	1	C	1	53	39	0.01		
†Mullaghmore ...	30.22	52	N	5	6	30.34	+ .26	53	43	+ 5	E	1	C	0	54	45	-		
Donaghadee ...	30.17	52	NNE	5	6	30.29	+ .27	49	43	- 1	NNE	5	C	3	54	41	-		
Parsonstown ...	30.20	53	NNW	1	C	30.36	+ .27	47	43	0	NE	1	6	*	57	32	-		
Barrow-in-Furness	30.11	51	NE	3	6	30.23	+ .28	44	43	- 1	NE	3	6	3	56	41	-		
†Holyhead ...	30.14	51	NNW	4	6	30.27	+ .29	49	45	+ 5	N	5	6	2	51	44	-		
Liverpool (Bidston)	30.09	53	NNW	2	6	30.25	+ .29	50	43	+ 2	NNE	1	6	1	55	43	0.02		
†Valentia ...	30.23	55	N	4	6	30.37	+ .26	54	48	+ 2	2	0	6	1	57	42	-		
Roche's Point ...	30.20	54	N	4	6	30.35	+ .29	51	46	+ 1	N	2	6	3	59	41	-		
Pembroke ...	30.09	49	N	5	6	30.25	+ .33	50	48	+ 3	NW	3	6	2	52	42	0.03		
†Scilly ...	30.13	53	N	6	C	30.31	+ .31	53	46	+ 2	NNE	5	C	4	53	49	-		
Prawle Point ...	30.06	51	NNW	2	C	30.27	+ .35	53	49	0	N	2	6	2	56	39	0.03		
Hurst Castle ...	30.02	53	ESE	3	C	30.23	+ .34	49	45	- 2	N	3	6	2	59	38	0.10		
†Dover ...	29.96	50	NE	4	6	30.13	+ .33	51	46	+ 3	N	4	6	2	54	42	0.16		
†London ...	30.03	52	NNE	3	6	30.19	+ .31	48	43	- 2	NNE	3	C	*	59	39	-		
Oxford ...	30.09	46	NNW	4	0	30.22	+ .31	48	42	0	N	4	6	*	54	39	-		
Cambridge ...	30.04	49	N	1	0	30.18	+ .29	47	43	- 3	N	2	C	*	?	35	-		
†Yarmouth ...	29.99	50	NNW	4	6	30.10	+ .25	49	44	- 1	NNW	4	6	4	57	41	0.05		
The Helder ...	29.91	50	NNW	3	0	29.98	+ .23	49	45	- 2	NNW	2	C	2	52	46	-		
Cape Gris Nez	29.98	50	NE	4	6	30.11	+ .36	46	44	- 3	N	4	6	5	55	45	0.08		
†Jersey ...	30.05	52	N	3	6	30.26	+ .35	52	46	+ 4	NNE	3	6	3	52	45	0.02		
Brest ...	30.05	52	N	7	6	30.27	+ .30	50	46	+ 1	NE	3	C	3	54	41	-		
Lorient ...	30.01	53	NNW	4	6	30.21	+ .31	47	44	+ 1	N	4	6	2	57	43	0.04		
†Rocheft ...	29.87	53	NNW	9	0	30.14	+ .26	50	46	- 2	NE	8	6	4	61	43	0.12		
Biarritz ...	30.01	56	NW	4	0	30.15	+ .22	50	47	- 5	S	1	N	4	59	45	0.20		
Corunna† ...	*	*	*	*	*	30.18	- .02	58	*	+ 4	NE	2	6	4	*	*	*		
Brussels ...	*	*	*	*	*	30.05	+ .33	44	42	- 5	N	1	0	*	57	43	0.12		
Charleville ...	29.82	51	NW	4	N	30.03	+ .36	48	43	- 2	NNE	1	6	*	59	40	0.12		
Paris ...	29.86	51	N	8	0	30.12	+ .36	50	44	+ 1	NNE	5	6	*	*	*	0.24		
Lyons ...	?	45	?	4	N	29.89	+ .19	48	45	+ 3	N	4	C	*	55	44	0.12		
Toulon ...	29.62	56	NW	9	6	29.63	+ .01	49	45	- 1	NW	9	6	7	59	46	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.85	47	NE	4	C	28.97	+ .27	42	37	+ 2	N	3	6	*	47	31	0.08		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	29.80	46	42	NW	3	0	Valentia	30.19	56	48	N	3	6
Sumburgh Head							Scilly	30.09	52	45	N	6	6
Stornoway	30.16	46	45	N	5	0	Dover	29.91	53	47	NE	5	6
Aberdeen	30.06	50	44	N	6	6	London	29.97	54	50	NE	3	0
Shields	30.05	49	40	NE	5	6	Yarmouth	29.94	53	47	N	4	6
Ardrossan	30.08	51	44	NNW	2	0	Jersey	30.00	54	43	NNE	4	6
Mullaghmore	30.17	53	43	NNW	5	6	Rocheft	29.89	55	43	NNW	9	0
Holyhead	30.10	51	45	NNW	4	6							

The barometer is still rising generally, with a continuation of cold N and NE winds, but with fine weather except over our extreme SE counties. The sea continues rather rough in the N. and NE. but is moderate in the Straits of Dover, slight at Holyhead.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

F O R

FRIDAY, 10<sup>TH</sup> JUNE.

1881.

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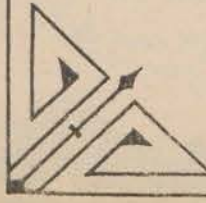
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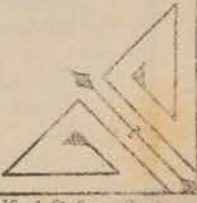
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ROBERT H. SCOTT

(SECRETARY.)





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

BAROMETER, WIND &amp; SEA

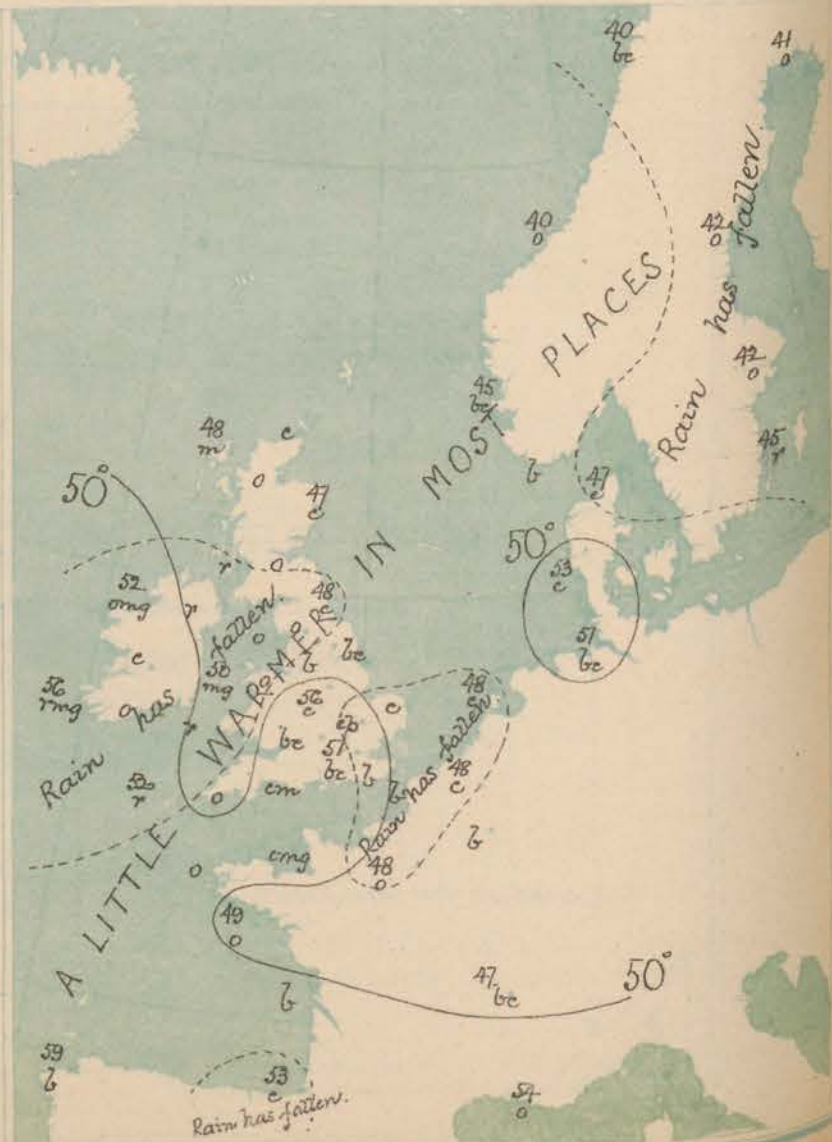
Wind arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:

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



with RAINFALL in PAST 24 HOURS

## AND RAINFALL.





# REMARKS

for Friday 10<sup>th</sup> June 1881 at 8 a.m.

There are apparently signs of a change of weather. The mercury is rising rather briskly over France and the area of highest pressure instead of lying off our south-west coasts is now shown over that country and the south of England. The disturbance noticed over the Baltic yesterday still holds much the same position, while a second but much shallower depression seems to be advancing over Scotland from the West. In consequence the mercury is falling over nearly the whole of the N. part of our area. The wind has shifted to N. and S.W. on our N. coast and to SE. in the Hebrides, but in the E. the N.W. winds, though much lighter in force still holds. In Denmark the wind continues strong from NW. The weather is moderately fine in the SE. of England and NE. of France, but is cloudy or dull generally, and rain is falling at some N. and S.W. stations and during the past twenty-four hours has fallen except in the NW. and NE. Temperatures range from 56° at Valencia to 45° in N. Scotland and the maxima yesterday were below 60° except in the South of Ireland. The sea is moderate to smooth except in the Skagerrack.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

11<sup>th</sup> JUNE.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Variable or SE <sup>ly</sup> breezes; cloudy, some rain.
2 SCOTLAND EAST	Light N <sup>ly</sup> to variable breezes; cloudy.
3 ENGLAND N.E.	— D° — D° — D° —
4 ENGLAND EAST	NW <sup>ly</sup> to W <sup>ly</sup> breezes, moderate and light; cloudy, fair.
5 MIDLAND COUNTIES	W <sup>ly</sup> breezes, light; cloudy, some rain then fair.
6 ENGLAND SOUTH	Same as N° 3

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Same as N° 0.
7 ENGLAND N.W.	SW <sup>ly</sup> and W <sup>ly</sup> breezes, light and moderate; dull, some rain.
8 ENGLAND S.W.	W <sup>ly</sup> winds, moderate and light; some rain then fair.
9 IRELAND NORTH	W <sup>ly</sup> and SW <sup>ly</sup> winds, light and moderate; cloudy, some rain, warmer.
10 IRELAND SOUTH	— D° — D° — D° —
WARNINGS	None issued.



# METEOROLOGICAL OBSERVATIONS FOR

10<sup>TH</sup> JUNE

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).				Max.	Min.	
Haparanda	29.88	45	N	6	0		29.96	+16	41	40	-12	N	6	0	*		55	39	0.16
Hernösand	29.76	45	N	6	0		29.89	+27	42	41	+1	NNE	6	0	*		55	39	0.20
Stockholm	29.61	44	NNE	4	0		29.59	+01	42	42	-4	N	6	0	*		54	?	0.04
Wisby	29.48	46	NE	4	0		29.48	-23	45	45	+3	SW	4	2	*		54	41	0.12
Bodö	30.07	42	NNE	2	C		30.08	+11	40	39	0	NNE	2	60	1		45	39	-
Christiansund	30.09	39	NNE	4	0		30.02	-03	40	31	-1	ENE	4	0	3		43	30	-
†Skudesnaes	29.86	44	NNW	8	60		29.83	-01	45	41	0	WNW	5	60	4		?	43	-
Orö (Christiansund)	29.80	50	ESE	4	C		29.80	+08	53	49	-2	WNW	4	6	2		?	45	-
Skagen (The Skaw)	29.76	47	NNW	6	0		29.72	+05	47	45	-1	N	6	0	6		50	45	0.04
Panö	29.88	45	NW	6	C		29.82	+13	53	48	+2	NW	4	0	*		57	46	-
Cuxhaven	29.83	?	NNW	6	0		29.89	+13	51	46	-1	NW	6	60	*		54	45	-
†Sumburgh Head																			
†Stornoway	30.26	47	SE	3	C		30.10	-19	48	46	+3	ESE	3	m	2		49	38	-
Wick	30.25	45	N	2	0		30.13	-12	45	43	-2	N	2	C	0		50	30	-
Nairn	30.24	48	NNW	1	60		30.13	-12	45	40	+2	Z	0	0	1		52	35	-
†Aberdeen	30.24	50	N	5	C		30.14	-07	47	42	+1	NW	3	C	2		51	32	-
Leith	30.24	54	E	1	60		30.14	-11	48	44	0	SE	1	0	*		56	39	-
†Shields	30.23	48	NE	2	60		30.15	-05	48	45	+1	NE	2	C	3		49	38	0.05
Spurn Head	30.21	48	NNE	5	60		30.17	+01	49	45	+4	NNW	4	60	5		50	44	0.02
York	30.23	48	NNW	2	60		30.19	-02	48	42	+1	W	1	6	*		52	39	-
Nottingham	30.22	49	NE	3	0		30.15	-06	56	50	+6	NW	3	C	*		56	40	-
†Ardrossan	30.24	54	NNW	2	6		30.11	-15	47	45	+2	Z	0	N	0		57	43	0.01
†Mullaghmore	30.31	52	W	2	d		30.15	-19	52	51	-1	SW	4	omg	3		56	50	0.24
Donaghadee	30.29	50	NNE	3	C		30.13	-16	48	47	-1	S	3	N	1		54	40	0.04
Parsonstown	30.32	56	NW	1	0		30.11	-25	51	51	+4	WSW	1	0	*		58	41	0.19
Barrow-in-Furness	30.23	51	NW	3	C		30.19	-04	47	45	+3	NE	2	0	2		55	45	-
†Holyhead	30.29	52	N	4	60		30.14	-10	50	49	+1	SW	3	mg	2		52	47	-
Liverpool (Bidston)	30.25	52	NW	2	60		30.18	-07	49	44	-1	SW	1	0	1		55	45	-
†Valentia	30.35	54	WSW	3	0		30.17	-20	56	56	+2	WSW	4	mg	3		60	50	0.24
Roche's Point	30.33	55	SW	3	C		30.16	-19	55	53	+4	WSW	2	0	3		61	43	0.08
Pembroke	30.29	49	WNW	2	60		30.19	-06	49	48	-1	WNW	1	N	1		53	46	0.04
†Scilly	30.34	54	N	4	60		30.27	-04	52	50	-1	WSW	4	N	2		58	48	0.03
Prawle Point	30.27	53	NNW	3	6		30.26	-01	49	47	-4	NNW	1	0	1		59	42	-
Hurst Castle	30.23	55	NE	3	C		30.23	-00	51	48	+2	E	1	cm	1		58	40	-
†Dover	30.19	49	N	3	60		30.20	+07	53	45	+2	NNE	3	6	1		53	42	0.06
†London	30.21	52	NNW	2	C		30.22	+03	51	47	+3	N	3	60	*		57	41	-
Oxford	30.24	50	NNW	2	0		30.21	-01	52	43	+4	Z	0	60	*		55	43	-
Cambridge	30.23	49	N	1	C		30.19	+01	48	44	+1	N	1	Cp	*		55	39	0.02
†Yarmouth	30.17	50	NNW	4	60		30.15	+05	48	43	-1	NW	3	C	4		51	41	0.07
The Helder	30.07	48	NNW	3	C		30.05	+07	48	44	-1	NNW	4	C	3		50	45	0.04
Cape Gris Nez	30.20	46	NNE	3	C		30.21	+10	47	43	+1	NNW	4	6	3		55	43	0.08
†Jersey	30.31	52	WNW	3	6		30.28	+02	54	50	+2	WNW	3	cm	3		55	43	-
Brest	30.33	50	NNW	5	6		30.32	+05	52	47	+2	N	3	0	2		55	48	-
Lorient	30.26	49	NE	5	0		30.29	+08	49	45	+2	NNW	4	0	1		61	45	-
†Rocheport	30.23	54	WNW	5	C		30.31	+17	51	46	+1	NE	5	6	2		66	43	-
Biarritz	30.24	57	NNW	7	C		30.32	+17	53	49	+3	S	3	60	3		59	43	0.24
Corunna	*	*	*	*	*		30.44	+16	59	*	+1	E	1	6	1	*	*	*	*
Brussels	*	*	*	*	*		30.15	+10	48	44	4	WNW	3	C	*		56	41	0.04
Charleville	30.10	53	N	4	60		30.19	+16	46	42	-2	SW	1	6	*		?	35	-
Paris	30.17	53	N	4	C		30.26	+14	48	45	-2	N	4	0	*		*	*	0.04
Lyons	30.02	54	N	7	60		30.15	+26	47	43	-1	N	4	60	*		57	43	-
Toulon	29.79	55	N	3	0		29.89	+26	54	46	+5	NNW	4	0	5		77	43	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.99	44	N	3	0		28.91	-06	45	42	+3	SW	3	0	*		47	32	-

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.87	47	43	NNW	8	6	4	Valentia ...	30.38	57	51	W	3	0	4
Sumburgh Head								Scilly ...	30.35	57	50	NNW	4	0	4
Stornoway ...	30.29	48	43	E	2	C	1	Dover ..	30.19	49	45	N	5	Cp	2
Aberdeen ...	30.24	50	44	N	6	0	3	London ...	30.20	53	50	N	3	60	*
Shields ...	30.22	46	43	NNW	4	C	5	Yarmouth ...	30.15	50	45	NNW	4	60	4
Ardrossan ...	30.26	55	47	W	2	60	1	Jersey ...	30.31	54	46	NNW	3	6	3
Mullaghmore ...	30.34	55	50	NW	2	0	2	Rocheport ...	30.21	64	54	NE	5	60	4
Holyhead...	30.30	50	45	N	5	6	4								

The mercury still rises but the changes in the N and W are very slight. The wind remains N, and the weather cold and cloudy with some showers. Temperature ranges from 57° in the SW. to 46° at Shields.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 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> JUNE.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT  
(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on Saturday, 11<sup>th</sup> JUNE.

1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

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

○ = dead calm.

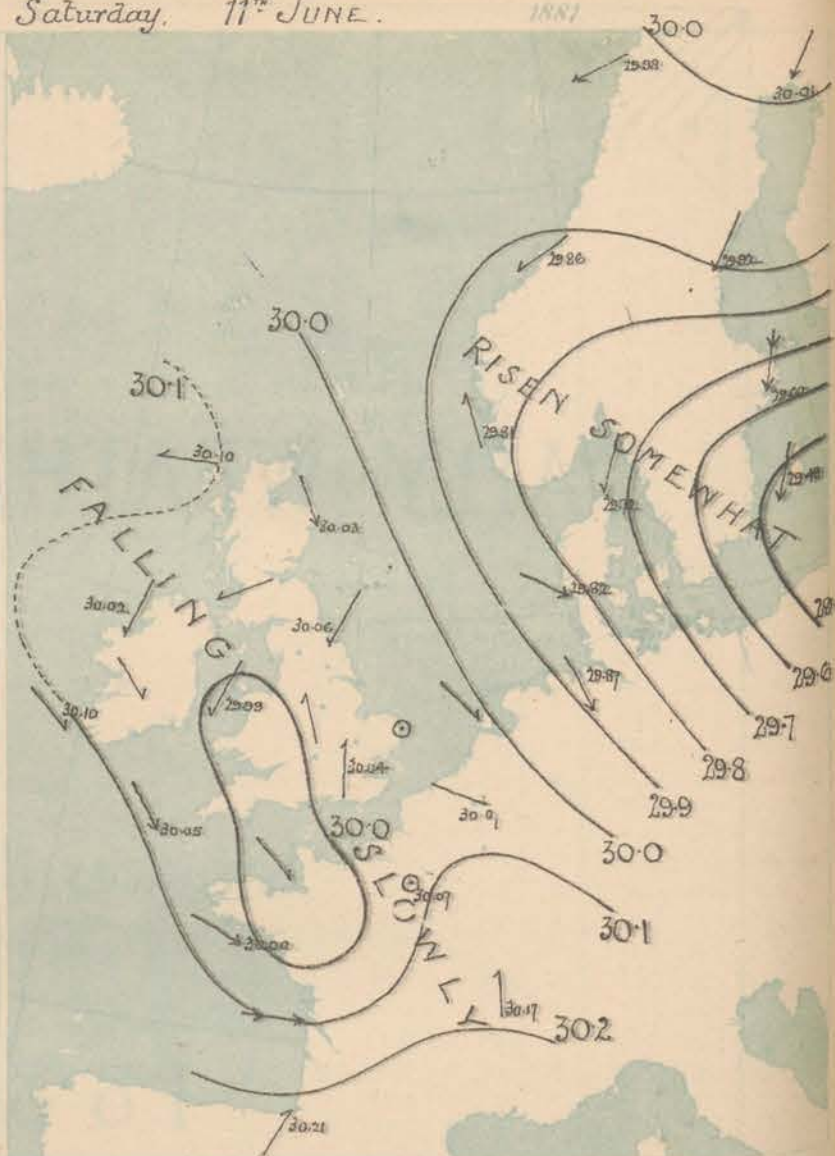
Sea. Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

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

for the month of June.

Stations	Mean Readings
Nairn	29.934
Aberdeen	29.930
Leith	29.963
Scarborough	30.002
Ardrossan	29.982
Greenock	29.982
Holyhead	30.013
Valentia	30.047
Roche's Pt.	30.073
Plymouth	30.060
LONDON	30.040
Vermouth	30.027

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



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

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

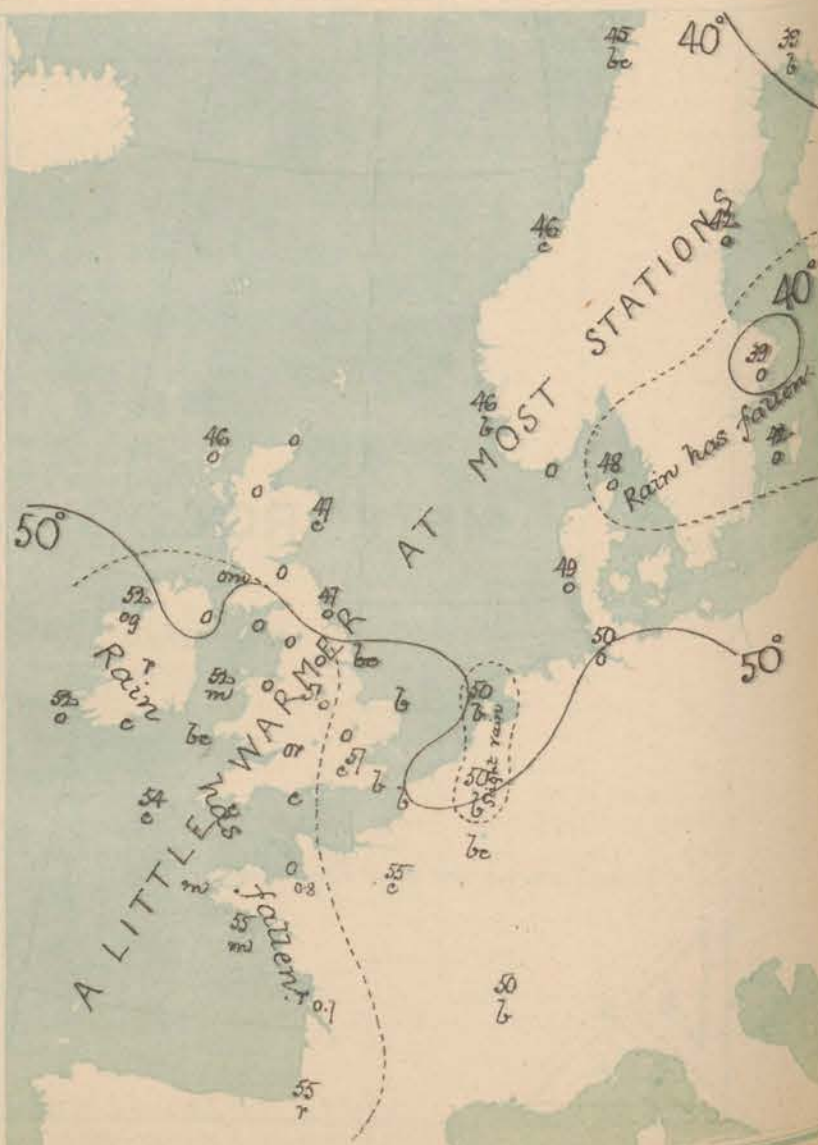
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

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

for the month of June.

Stations	Temp	Rain-fall
Sandwich Head	51.4	1.15
Stornoway	52.4	3.03
Aberdeen	56.5	2.62
Shetland	58.0	1.06
Kirk	58.5	2.30
Malbeghmore	58.1	1.0
Holyhead	58.8	1.61
Parsonstown	58.6	2.01
Valentia	58.8	2.85
Sally (St Mary's)	59.2	2.29
Hurst Castle	59.9	1.0
Dover	59.7	1.76
LONDON	61.2	2.17
Vermouth	59.3	2.23

\* The mean Temperatures are those for the 12 years 1867-69; the mean amounts of Rain are those for the 10 years 1866 to 1876.





# REMARKS

for Saturday 11<sup>th</sup> June 1881 at 8 a.m.

The weather this morning varies a great deal over different portions of our Islands. The shallow depression which was approaching our NW coast yesterday afternoon has moved in a more S<sup>W</sup> direction than was anticipated and its central area now covers Wales, the SW of England and NW of France. Thus, while S<sup>W</sup> to SE<sup>W</sup> airs have set in over the eastern half of England, accompanied by a considerable rise of temperature and fair weather, N<sup>W</sup> to NW<sup>W</sup> winds are felt in the W., with dull, cool weather and rain in a few places; during yesterday afternoon the rain was pretty general in the W. and NW., and a little fell in some parts of London early this morning. Temperature varies from 57° in London to 45° in Caithness. The weather is far from being settled. The sea is moderate in the north and north-east, slight or smooth elsewhere — very smooth at Holyhead and Dover.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

12<sup>th</sup> JUNE

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

NE<sup>W</sup> to N<sup>W</sup> winds, moderate; cloudy.

6 SCOTLAND WEST

N<sup>W</sup> (NW-NE) winds, moderate; dull rain at times.

2 SCOTLAND EAST

NE<sup>W</sup> to N<sup>W</sup> winds, light; dull to fair.

7 ENGLAND N.W.

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

3 ENGLAND N.E.

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

8 ENGLAND S.W.

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

4 ENGLAND EAST

SE<sup>W</sup> to E<sup>W</sup> and NE<sup>W</sup> winds, light; cloudy, becoming colder again.

9 IRELAND NORTH

NW<sup>W</sup> breezes, light; cloudy, inclined to improve.

5 MIDLAND COUNTIES

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

10 IRELAND SOUTH

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

6 ENGLAND SOUTH

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

WARNINGS

None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

4<sup>TH</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										LAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.	Amount of Rainfall.			
Haparanda	29.96	41	NE	6	0	29.91	+0.5	39	53	-2	NE	6	45	39	-				
Hernösand	29.91	44	NE	6	0	29.92	+0.3	42	39	0	NE	6	43	39	-				
Stockholm	29.61	29	N	8	2	29.62	+0.3	34	34	-3	NNE	8	46	39	0.08				
Wisby	29.47	43	NNE	4	2	29.49	+0.1	42	42	-3	NNE	6	50	37	0.24				
Bodö	30.03	46	NNE	2	6	29.98	-1.0	45	38	+5	ENE	6	48	?	-				
Christiansund	29.94	43	NE	6	0	29.86	-1.6	46	45	+6	NE	5	46	34	-				
†Skudesnaes	29.79	45	SSE	4	bc	29.81	-0.2	46	44	+1	SSE	3	50	45	-				
Örö (Christiansund)	29.76	50	E	4	bc	29.77	-0.3	49	43	-4	NE	2	57	43	-				
Skagen (The Skaw)	29.73	49	N	5	2	29.72	-0.0	43	46	+1	NNE	3	50	46	0.12				
Fanö	29.86	46	WNW	6	c	29.82	-0.0	49	45	-4	WNW	6	55	45	-				
Cuxhaven	29.91	?	NW	7	0	29.37	-0.2	50	45	-1	WNW	7	52	46	-				
†Sumburgh Head																			
†Stornoway	30.11	47	E	5	c	30.10	-0.0	46	46	-2	E	5	49	42	-				
Wick	30.11	49	NE	3	0	30.04	-0.9	45	42	0	NNW	2	52	42	-				
Nairn	30.08	47	NE	1	6	30.07	-0.6	46	42	+1	NW	1	50	44	-				
†Aberdeen	30.08	50	N	3	bc	30.03	-1.1	47	43	0	NNW	5	54	43	-				
Leith	30.06	52	ESE	1	0	30.07	-0.7	48	43	0	ESE	1	54	43	-				
†Shields	30.07	47	E	1	0	30.06	-0.9	47	45	-1	NE	2	49	44	-				
Spurn Head	30.08	49	SE	4	c	30.03	-1.4	52	48	+3	ENE	3	53	48	-				
York	30.07	55	SW	1	0	30.04	-1.5	50	46	+2	E	1	59	42	-				
Nottingham	30.06	54	S	2	0	30.04	-1.1	51	50	-5	SSE	3	65	46	0.04				
†Ardrossan	30.03	51	SE	2	2	30.04	-0.7	50	45	+3	ENE	2	51	47	0.20				
†Mullaghmore	30.05	54	WNW	5	og	30.02	-1.3	52	51	0	NNE	4	57	51	0.06				
Donaghadee	30.00	49	S	1	2	30.04	-0.9	48	46	0	E	3	51	47	0.27				
Parsonstown	30.05	56	NW	1	0	30.05	-0.6	52	50	+1	NW	1	59	46	0.03				
Barrow-in-Furness	30.05	52	SE	3	2	30.02	-1.7	51	47	+4	NE	3	56	45	0.01				
†Holyhead	29.99	52	SSW	2	2	29.99	-1.8	52	51	+2	NE	2	52	49	0.24				
Liverpool (Bidston)	30.04	49	SSE	2	2	30.00	-1.8	48	47	-1	E	2	53	43	0.09				
†Valentia	30.13	56	NNW	4	og	30.10	-0.7	52	48	-4	NW	3	60	49	0.15				
Roche's Point	30.06	57	NNW	5	c	30.06	-1.0	53	49	-2	NW	4	62	43	-				
Pembroke	29.97	52	WSW	3	f	29.98	-2.1	51	49	+2	NW	3	54	43	0.31				
†Scilly	30.09	56	W	6	2	30.05	-2.2	54	50	+2	NW	5	56	50	0.26				
Prawle Point	30.09	50	S	2	2	29.97	-2.9	55	54	+6	N	2	55	43	0.23				
Hurst Castle	30.14	49	WSW	4	2	30.00	-2.3	54	52	+3	ESE	2	53	40	0.15				
†Dover	30.14	52	SW	3	bc	30.04	-1.6	56	53	+3	WSW	2	57	44	-				
†London	30.13	57	SW	3	0	30.04	-1.8	57	50	+6	S	1	61	47	-				
Oxford	30.09	51	SW	2	2	30.02	-1.9	50	48	-2	SSE	2	57	46	0.12				
Cambridge	30.09	54	SW	1	0	30.02	-1.7	52	49	+4	S	1	60	43	-				
†Yarmouth	30.11	52	ESE	1	6	30.03	-1.2	54	48	+6	W	1	55	41	-				
The Helder	30.06	49	NW	2	0	30.02	-0.3	50	46	+2	NW	1	50	48	0.04				
Cape Gris Nez	30.16	50	W	3	0	30.07	-1.4	50	44	+3	S	3	59	43	-				
†Jersey	30.21	49	WSW	2	oma	29.97	-3.1	54	54	0	NW	2	54	48	0.82				
Brest	30.19	55	NW	4	2	30.06	-2.6	55	53	+3	NNW	5	55	43	0.25				
Lorient	30.21	50	SW	4	2	30.00	-2.9	55	54	+6	WNW	5	61	46	0.16				
†Rochefort	30.26	58	NW	5	c	30.07	-2.4	59	57	+8	W	9	63	?	0.71				
Biarritz	30.33	58	W	4	bc	30.21	-1.1	55	52	+2	SW	5	61	46	-				
Corunna	*	*	*	*	*			*				*	*	*					
Brussels	*	*	*	*	*	30.07	-0.8	50	43	+2	WNW	1	55	40	0.08				
Charleville	30.14	?	W	4	bc	30.10	-0.9	44	41	-2	W	1	?	32	-				
Paris	30.17	55	W	4	c	30.07	-1.9	55	50	+7	S	0	*	*	-				
Lyons	30.18	53	N	4	bc	30.17	+0.2	50	39	+3	S	1	57	39	-				
Toulon																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.81	49	S	3	0	28.78	-1.3	44	42	-1	ENE	4	50	41	-				

## HIGH LEVEL STATION.

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

Hawes Junction	28.81	49	S	3	0	28.78	-1.3	44	42	-1	ENE	4	50	41	-			
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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 ...	29.81	50	45	S	4	bc	4	Valentia ...	30.14	58	56	NW	3	0	4
Sumburgh Head								Scilly ...	30.27	56	55	W	5	2	4
Stornoway ...	30.11	43	47	ESE	4	m.	3	Dover ..	30.18	54	46	NNE	3	bc	1
Aberdeen ...	30.11	50	45	E	3	bc	2	London ...	30.17	58	53	WSW	2	c	*
Shields ...	30.11	48	45	E	2	c	3	Yarmouth ...	30.14	53	49	NNE	3	bc	3
Ardrossan ...	30.05	50	48	SE	1	2	1	Jersey ...	30.27	52	49	W	3	0	3
Mullaghmore	30.04	55	54	WNW	5	og	4	Rochefort ...	30.20	60	51	NW	5	c	2
Holyhead...	29.07	51	50	SSE	3	d	2								

The barometer is falling everywhere and a small depression is advancing from the NW<sup>W</sup> across the N. of Ireland. The wind has veered to NW. on our W. coasts, and the weather is cloudy except in the E. and 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); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

F O R

SUNDAY 12<sup>TH</sup> JUNE.

1881.

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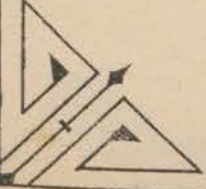
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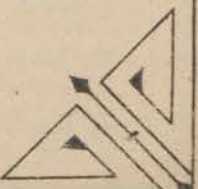
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ROBERT H. SCOTT

(SECRETARY.)





# WEATHER CHARTS

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

1887.

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

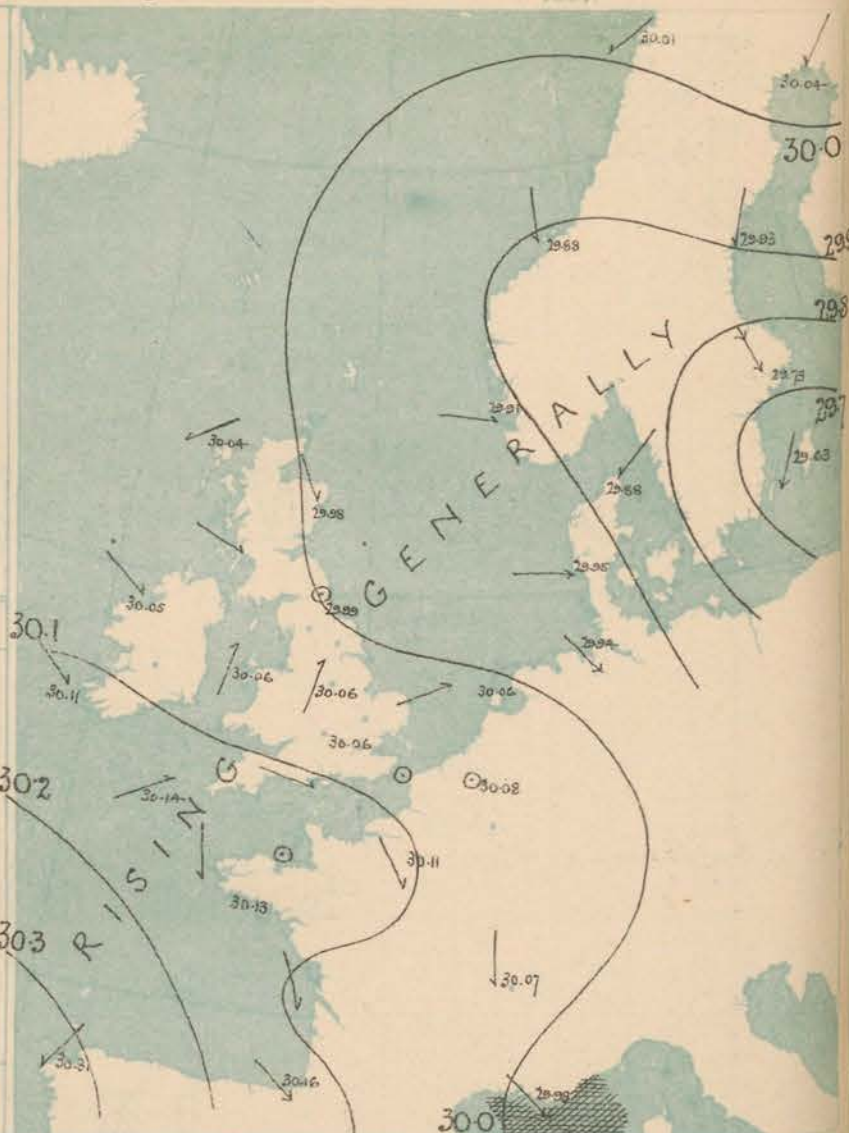
Sea Disturbance, when considerable, is shown by shading round the coast, thus: — Rough; — High.

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

for the month of June.

Stations.	Mean Readings In.
Nairn	29.874
Aberdeen	29.939
Leith	29.969
Scarborough	30.002
Ardrossan	29.982
Greencastle	29.965
Holyhead	30.013
Valentia	30.041
Roche's Pt.	30.033
Plymouth	30.060
LONDON	30.040
Yarmouth	30.022

\* 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 June

Stations.	Temp.	Rain-fall
Stornborough Head	61.8	1.18
Stornoway	59.4	3.06
Aberdeen	56.3	1.62
Stirling	58.0	1.08
York	58.8	2.39
Mullighmore	58.1	7
Holyhead	58.8	1.61
Paranstown	58.6	2.01
Valentia	58.8	2.85
Sally (St Mary's)	60.2	2.29
Thurst Castle	59.8	7
Dover	60.7	1.76
LONDON	61.2	2.17
Ermouth	59.0	2.23

\* 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> JUNE 1881 at 8 a.m.

A slight increase of pressure has taken place over the whole of Western Europe, and the highest readings are still found over France and our SW<sup>th</sup> districts, and the lowest over the Baltic. The wind is light or moderate in force generally, blowing from N. in Scotland, and from NW and W in the west and south, but drawing more N<sup>th</sup> over France. In Denmark and the South of Sweden strong NNW winds still continue. The sky is overcast or cloudy at the N<sup>th</sup> and W<sup>th</sup> stations, with rain at Aberdeen, but is clear or nearly so in most other places. Rain has fallen at a few W<sup>th</sup> and N<sup>th</sup> stations, but in no case has the amount been large. Temperature is a little higher than it was yesterday, readings ranging from 61° at Nottingham to 48° in the N. of Scotland. The sea is slight or smooth all round our coast.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon on the

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

## DISTRICTS

## FORECASTS

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

None Issued.

## DISTRICTS

## FORECASTS

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

None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

12<sup>th</sup> JUNE

1881.

+ YESTERDAY EVENING.							8 A.M. TO DAY.							FAST 24 HOURS.				
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 6).	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 ...	30.01	45	NE	4	b	30.04	+0.03	42	35	+3	NE	4	6	*	50	36	-	
Hernösand ...	29.89	47	NNE	2	c	29.93	+0.01	49	40	+6	NNE	4	6	*	48	39	-	
Stockholm ...	29.69	38	N	6	o	29.73	+0.11	47	40	+8	NNW	8	6c	*	?	?	0.04	
Wisby ...	29.58	40	N	8	o	29.63	+0.14	42	40	0	NNE	6	o	*	45	36	-	
Bodö ...	29.97	51	ENE	2	b	30.01	+0.03	50	42	+5	ENE	2	6	1	55	43	-	
Christiansund ...	?	49	NNE	4	b	29.88	+0.02	50	43	+4	N	1	6c	2	54	36	-	
†Skudesnaes ...	29.86	50	W	4	b	29.91	+0.10	49	48	+3	W	2	3	3	55	?	-	
Orö (Xiansund) ...	29.82	51	SW	1	o	29.91	+0.14	51	50	+2	N	1	o	1	52	48	0.12	
Skagen (The Skaw) ...	29.82	50	NNE	2	2	29.88	+0.16	52	49	+4	NE	2	o	2	52	46	-	
Fanö ...	29.90	48	WNW	6	o	29.95	+0.13	49	46	0	WNW	6	o	*	54	45	-	
Cuxhaven ...	29.89	55	NW	6	o	29.94	+0.07	51	47	+1	NW	6	o	*	52	46	-	
†Sumburgh Head																		
†Stornoway ...	30.05	48	E	5	c	30.04	-0.06	48	47	+2	ENE	1	o	1	50	39	-	
Wick ...	30.02	45	NW	4	o	30.00	-0.04	50	48	+5	NW	3	o	3	50	43	0.03	
Nairn ...	30.01	50	ENE	3	o	30.01	-0.06	48	46	+2	WNW	1	o	2	55	45	-	
†Aberdeen ...	29.99	47	NNW	4	o	29.98	-0.05	48	47	+1	NNW	3	2	2	53	44	0.01	
Leith ...	29.94	51	E	1	b	30.01	-0.06	53	48	+5	NNW	1	6c	*	66	46	-	
†Shields ...	30.01	48	SE	2	b	29.99	-0.07	50	48	+3	E	1	6c	2	51	46	-	
Spurn Head ...	30.01	52	ESE	3	6c	30.01	-0.02	55	54	+3	SW	3	m	4	55	48	-	
York ...	30.04	53	E	1	o	30.12	+0.08	56	51	+6	W	2	6c	*	56	46	-	
Nottingham ...	30.03	55	WNW	1	o	30.06	+0.02	61	57	+10	SW	1	6	*	65	49	0.03	
†Ardrossan ...	29.99	55	NW	3	b	30.01	-0.03	51	46	+1	WNW	3	c	2	60	42	-	
†Mullaghmore ...	30.03	57	W	2	o	30.05	+0.03	54	52	+2	NW	1	6c	0	57	50	0.01	
Donaghadee ...	30.03	51	N	2	c	30.06	+0.02	53	48	+5	N	2	c	0	53	42	-	
Parsonstown ...	30.03	59	WNW	1	o	30.09	+0.04	53	51	+1	SW	1	o	*	62	48	-	
Barrow-in-Furness	30.03	56	NW	3	o	30.04	+0.02	54	52	+3	NW	3	o	2	58	49	-	
†Holyhead ...	30.02	55	NNE	2	o	30.06	+0.07	55	52	+3	SSW	2	c	1	58	51	-	
Liverpool (Bidston)	29.99	56	E	1	o	30.05	+0.05	56	51	+8	W	2	6	1	60	49	-	
†Valentia ...	30.09	55	W	3	o	30.11	+0.01	55	55	+3	NW	4	o	3	59	51	0.11	
Roche's Point ...	30.10	57	NNW	3	6c	30.11	+0.05	56	54	+3	SE	1	o	3	63	49	-	
Pembroke ...	30.00	53	WNW	2	b	30.05	+0.07	52	52	+1	WNW	2	m	1	56	49	-	
†Scilly ...	30.08	54	NNW	4	c	30.14	+0.09	58	54	+4	WSW	4	6c	3	58	50	0.01	
Prawle Point ...	30.05	52	ENE	1	o	30.12	+0.15	55	53	0	W	3	6	2	60	49	-	
Hurst Castle ...	30.03	58	WSW	2	b	30.11	+0.11	57	54	+3	WNW	2	c	2	58	46	-	
†Dover ...	30.02	55	E	2	b	30.08	+0.04	54	52	-2	WSW	3	6c	1	57	47	-	
†London ...	30.02	58	2	o	o	30.06	+0.02	59	53	+2	WNW	1	c	*	65	52	-	
Oxford ...	30.02	57	2	o	o	30.07	+0.05	57	52	+7	W	2	c	*	60	50	-	
Cambridge ...	30.00	59	N	1	o	30.04	+0.02	58	56	+6	WSW	1	c	*	64	51	-	
†Yarmouth ...	30.01	58	SSE	2	b	30.03	0.00	58	54	+4	WSW	1	6c	2	60	50	-	
The Helder ...	30.03	50	NW	1	c	30.06	+0.04	52	46	+2	W	1	o	1	54	50	-	
Cape Gris Nez ...	30.07	55	NE	1	b	30.09	+0.02	55	52	+3	SW	1	6	0	63	46	-	
†Jersey ...	30.05	55	NNW	2	c	30.17	+0.20	54	52	0	WNW	1	6c	2	58	49	-	
Brest ...	30.13	54	NNW	4	o	30.18	+0.12	53	50	-2	N	1	6c	1	57	48	-	
Lorient ...	30.09	57	WNW	5	o	30.13	+0.13	53	50	-2	NNW	4	o	2	63	48	-	
†Rochefort ...	30.05	61	NW	9	6c	30.08	+0.01	57	55	-2	NNW	4	o	2	64	52	0.08	
Biarritz ...	30.17	57	WSW	7	2	30.16	-0.05	60	56	+5	NW	5	c	3	61	50	0.12	
Corunna ...	*	*	*	*	*	30.31	0.00	63	*	+3	NE	1	o	1	*	*	*	
Brussels ...	*	*	*	*	*	30.03	+0.01	56	49	+6	E	1	6	*	62	55	-	
Charleville ...	30.08	52	SE	1	b	30.08	-0.02	52	47	+8	SE	1	6	*	64	33	-	
Paris ...	30.03	59	2	o	c	30.11	+0.04	57	53	+2	NNW	1	o	*	*	*	-	
Lyons ...	30.01	60	E	1	o	30.07	-0.10	55	49	+5	N	1	o	*	66	51	-	
Toulon ...	30.01	57	W	8	b	29.98		56	51		NW	7	6	7	64	52	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.77	50	SSW	4	o	28.77	-0.01	48	46	+2	WSW	4	o	*	53	43	-	

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

Hawes Junction	28.77	50	SSW	4	o	28.77	-0.01	48	46	+4	WSW	4	o	53	43	-
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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 ...	29.86	55	49	SW	4	b	3	Valentia ...	30.11	56	51	NW	2	6c	3
Sumburgh Head								Scilly ...	30.08	53	51	NW	5	op	4
Stornoway ...	30.04	50	50	E	5	c	4	Dover ..	30.03	57	50	ESE	1	b	0
Aberdeen ...	30.01	52	46	NNW	4	o	3	London ...	30.01	61	57	Z	0	og	*
Shields ...	30.04	49	46	NE	2	o	3	Yarmouth ...	30.01	58	52	ENE	1	b	2
Ardrossan ...	30.01	58	51	WSW	1	6c	1	Jersey ...	30.03	57	55	NNW	2	c	2
Mullaghmore ...	30.02	57	54	NW	2	o	2	Rochefort ...	30.04	63	59	WNW	8	o	3
Holyhead...	30.00	56	53	NNE	3	m	2								

Very little change has occurred since 8 a.m., beyond the fact that the sky has become densely overcast in London and looks rainy and unsettled.

## EXPLANATION OF COLUMNS.

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

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

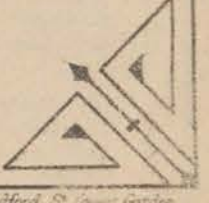
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ROBERT H. SCOTT  
(SECRETARY.)



*Printed by Dangerfield, Lith. 22, Bedford St. (near Garden.)*



# WEATHER CHARTS

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

1881.

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

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

for the month of June.

Stations	Mean Readings In.
Nuern	29.972
Aberdeen	29.939
Leith	29.962
Scarborough	30.072
Ardrossan	29.982
Greenacres	29.983
Holyhead	30.013
Valencia	30.041
Rock's Pt.	30.039
Plymouth	30.060
LONDON	30.040
Yarmouth	30.027

<sup>s</sup> These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.





# REMARKS

for Monday June 13<sup>th</sup> 1881 at 8 a.m.

Conditions are very quiet over the whole of Western Europe. Readings continue lowest over the Baltic and highest over France and our S.W. coasts, but pressure is everywhere very uniform and in consequence the winds are very light in force. They blow from NW. to N. on nearly all coasts but draw into W. in the S.E. of England while variable airs are reported from France and the W<sup>m</sup> half of the Channel. Temperature has fallen a little except over France and Ireland and readings range from 61° at Dover to 47° at Wick. The maxima yesterday were between 55° and 65° generally but 67° at York and Cambridge, 69° in London and 74° at Nottingham. The weather is fine over the North-East of France, the S.E. of England and on our NW. coasts cloudy or dull elsewhere with drizzling rain at Stornoway. Slight rain has occurred in the W. and N. The Sea is nearly smooth except at Scilly.

MAP SHOWING DISTRICTS.



## FORECASTS

for the 24 hours ending at Noon  
on the

14<sup>th</sup> JUNE

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Light North-Westerly breezes; cloudy, dull.		
2 SCOTLAND EAST	D <sup>o</sup>	D <sup>o</sup>	D <sup>o</sup>
3 ENGLAND N.E.	Light North-Easterly and Northerly winds; dull.		
4 ENGLAND EAST	Light breezes between North and West; fair, warm.		
5 MIDLAND COUNTIES	D <sup>o</sup>	D <sup>o</sup>	D <sup>o</sup>
6 ENGLAND SOUTH	D <sup>o</sup>	D <sup>o</sup>	D <sup>o</sup>

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Light North-Westerly breezes; fair then dull.		
7 ENGLAND N.W.	D <sup>o</sup>	D <sup>o</sup>	D <sup>o</sup>
8 ENGLAND S.W.	Northerly and North-Westerly breezes light; cloudy, misty.		
9 IRELAND NORTH	Northerly breezes moderate; dull, then fair.		
10 IRELAND SOUTH	D <sup>o</sup>	D <sup>o</sup>	D <sup>o</sup>
WARNINGS	None issued.		



## METEOROLOGICAL OBSERVATIONS FOR

13<sup>th</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force, (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Inference from 8 a.m. from 8 a.m. yesterday.	Dir.	Force, (0 to 12).			Max.	Min.			
Haparanda ...	30.09	48	NE	2	b	30.12	+0.03	46	39	+4	NE	4	b	*	55	35	-		
Hernösand ...	29.99	46	NE	6	c	29.98	+0.05	44	41	0	NE	4	c	*	48	29	-		
Stockholm ...	29.82	39	N	4	o	29.76	+0.03	46	41	-1	N	8	o	*	?	?	-		
Wisby ...	29.73	39	NNE	6	b	29.73	+1.0	43	41	+1	NNE	4	o	*	46	34	-		
Bodö ...	30.02	55	ENE	2	b	30.06	+0.05	55	45	+5	ENE	4	b	1	57	48	-		
Christiansund...	29.86	55	NE	4	b	29.89	+0.01	55	50	+5	NE	2	b	2	61	37	-		
†Skudesnaes ...	29.93	47	WNW	4	o	29.92	+0.01	49	48	0	NW	2	o	2	50	47	-		
Oxö (Xriansund)...	29.89	53	SW	4	c	29.88	-0.03	58	57	+7	Z	0	b	0	?	48	-		
Skagen (The Skaw)	29.88	53	NNW	3	b	29.91	+0.03	53	48	+1	ENE	3	b	2	66	46	-		
Fanö ...	29.96	45	WNW	2	c	29.94	-0.01	51	49	+2	NW	1	o	*	54	43	-		
Cuxhaven † ...	29.96	70	WNW	3	b	29.91	-0.03	53	50	+2	E	2	o	*	?	46	0.08		
†Sumburgh Head ...																			
†Stornoway ...	30.08	48	ENE	3	o	30.11	+0.04	49	49	+1	SSE	2	d	1	52	41	0.02		
Wick ...	30.03	49	NW	4	o	30.09	+0.09	47	45	-3	N	1	o	2	52	43	0.08		
Nairn ...	30.06	50	WNW	1	N	30.10	+0.09	49	47	+1	WNW	2	b	1	56	46	0.12		
†Aberdeen ...	30.02	50	N	4	o	30.09	+0.09	49	47	+1	NNW	4	o	2	54	46	0.02		
Leith ...	30.02	55	E	2	o	30.09	+0.03	50	49	-3	SE	1	o	*	61	47	0.05		
†Shields ...	30.01	51	E	1	e	30.07	+0.08	50	49	0	NNE	2	o	2	53	48	-		
Spurn Head ...	30.00	51	ENE	2	o	30.05	+0.04	52	50	-3	WNW	3	o	3	62	50	-		
York ...	30.00	51	W	2	o	30.07	-0.05	51	49	-5	NNW	1	o	*	67	48	-		
Nottingham ...	30.03	62	NW	2	b	30.09	+0.03	56	51	-5	N	2	o	*	74	43	-		
†Ardrossan ...	30.02	51	WNW	4	o	30.07	+0.08	50	47	+1	NNW	2	b	1	56	45	-		
†Mullaghmore ...	30.11	56	N	4	o	30.16	+0.11	53	49	-1	N	4	og	3	59	52	0.03		
Donaghadee ...	30.08	51	N	3	b	30.12	+0.06	53	50	0	N	4	b	2	56	48	-		
Parsonstown ...	30.11	58	WNW	1	o	30.14	+0.08	53	50	0	NW	1	o	*	60	50	0.02		
Barrow-in-Furness	30.05	56	NNW	4	b	30.06	+0.02	52	50	-2	NE	2	b	3	60	48	-		
†Holyhead ...	30.03	57	WNW	2	c	30.12	+0.06	52	50	-3	NNW	3	e	2	61	50	-		
Liverpool (Bidston)	30.05	54	WNW	3	c	30.08	+0.03	53	49	-3	W	2	b	1	62	47	-		
†Valentia ...	30.18	56	NNW	3	o	30.16	+0.05	57	53	+2	N	3	o	3	60	52	-		
Roche's Point...	30.12	57	NW	3	b	30.12	+0.01	58	54	+2	NW	1	b	3	61	48	0.12		
Pembroke ...	30.08	53	WSW	2	f	30.09	+0.04	55	53	+3	N	3	b	1	57	46	0.05		
†Scilly ...	30.15	57	SW	4	f	30.12	-0.02	57	56	-1	N	2	e	5	61	53	0.02		
Prawle Point ...	30.14	55	W	4	b	30.10	-0.02	55	55	0	ESE	1	o	1	58	52	0.07		
Hurst Castle ...	30.09	57	WNW	4	e	30.09	-0.02	56	55	-1	WNW	2	o	2	60	54	-		
†Dover ...	30.04	58	WSW	4	b	30.05	-0.03	61	55	+7	NNW	1	b	0	61	53	-		
†London ...	30.07	62	WNW	1	e	30.09	+0.01	57	57	-2	W	2	b	*	69	52	-		
Oxford ...	30.04	58	WSW	2	c	30.08	+0.01	56	51	-1	NNW	2	b	*	66	51	-		
Cambridge ...	29.99	63	W	1	o	30.05	+0.01	55	52	-3	NW	1	b	*	67	45	-		
†Yarmouth ...	29.99	60	Z	0	b	30.04	+0.01	52	49	-6	NNW	1	e	2	63	48	-		
The Helder ...	29.99	54	WSW	1	f	29.97	-0.09	51	48	-1	NNW	2	e	2	59	50	0.12		
Cape Gris Nez ...	30.09	56	WSW	3	b	30.09	-0.02	55	54	0	NW	1	b	1	59	52	-		
†Jersey ...	30.19	57	NNW	3	b	30.15	-0.02	56	54	+2	SW	3	og	2	60	50	-		
Brest ...	30.10	57	NW	1	b	30.13	-0.05	57	57	+4	Z	0	w	4	59	48	0.04		
Lorient ...	30.15	59	NW	4	b	30.13	-0.00	53	52	0	ESE	3	w	4	64	50	-		
†Rochefort ...	30.18	61	WNW	7	b	30.19	+0.11	59	55	+2	WNW	1	b	1	66	50	-		
Biarritz ...	30.25	61	W	4	o	30.17	+0.01	59	53	-1	NW	3	o	3	63	52	-		
Corunna ...	*	*	*	*	*			*						*	*	*			
Brussels ...	*	*	*	*	*	30.03	-0.05	52	51	-4	WSW	3	o	*	67	50	-		
Charleville ...	30.05	63	W	1	b	30.06	+0.02	57	49	+5	SW	1	b	*	64	33	-		
Paris ...	30.02	63	Z	0	o	30.12	+0.01	59	53	+2	WSW	3	b	*	*	*	-		
Lyons ...	30.10	60	NW	1	o	30.13	+0.06	58	54	+3	NW	1	o	*	68	54	-		
Toulon ...	29.96	64	WNW	8	b	30.07	+0.09	56	53	0	WNW	5	b	5	66	54	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.77	64	WSW	3	o	28.83	+0.06	46	46	+2	NE	2	o	*	58	41	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes ...	29.94	50	49	N	4	N	3	Valentia ...					
Sumburgh Head ...								Scilly ...					
Stornoway ...								Dover ...					
Aberdeen ...								London ...					
Shields ...								Yarmouth ...					
Ardrossan ...								Jersey ...					
Mullaghmore ...								Rochefort ...	30.16	64	59	WNW	5
Holyhead ...													

## EXPLANATION OF COLUMNS.

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

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

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

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

§ Received too late for insertion in chart.



# DAILY WEATHER REPORT

F O R

TUESDAY, 14<sup>TH</sup> JUNE.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT

(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on Tuesday, 14<sup>th</sup> JUNE.

1887.

## BAROMETER, WIND & SEA

### Explanation of Map.

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

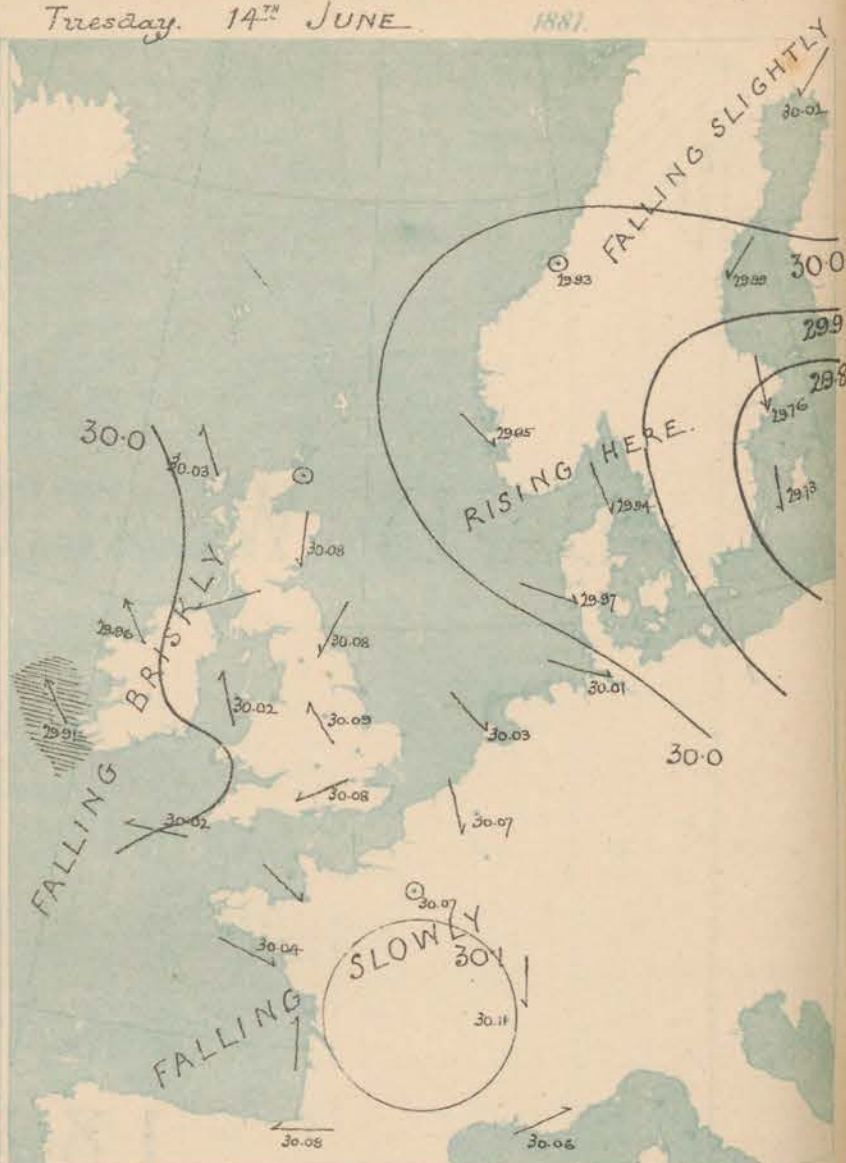
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
→ force above 10; →→ force 8 to 10;  
→→ force 5 to 7; →→ force 1 to 4;  
○ = dead calm.

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

### MEAN<sup>h</sup> HEIGHT of the BAROMETER for the month of June.

Stations	Mean Readings, In.
Nairn	29.924
Aberdeen	29.939
Leith	29.969
Scarborough	30.002
Ardrossan	29.982
Greenacastle	29.985
Holyhead	30.013
Valencia	30.041
Roche's Pt.	30.033
Plymouth	30.060
LONDON	30.040
Yarmouth	30.027

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





# REMARKS

for Tuesday June 14<sup>TH</sup> 1881 at R. u. m.

The barometer is rising somewhat on the Eastern shores of the North Sea and at a few of our South-Eastern stations but elsewhere the mercury is falling the change being slight generally but brisk in the W. of Ireland. A small area of low pressure lies over the Baltic but over these Islands and France readings are exceedingly uniform though there now appears to be a disturbance advancing from the Atlantic towards the W. of Ireland. In consequence the wind which is very light and variable on our SE coasts and over France has shifted to E and SE all over the Western part of the Kingdom and in the W. of Ireland has increased to a strong breeze, while over Scandinavia and Denmark Northerly to Westerly winds are reported. Temperature has changed rather irregularly but has risen at most of the French and of our N<sup>W</sup> stations. Readings range from 59° at Roche's Pt to 48° at Nain. The maxima yesterday were between 65° and 65° generally. The weather is moderately fine except in the W. and N where the sky is cloudy or overcast. The Sea is nearly smooth except at Valentia.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

15<sup>th</sup> June.

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

Light S<sup>W</sup> and SE<sup>4</sup> breezes; cloudy, warm.

6 SCOTLAND WEST

Light or moderate SE<sup>4</sup> winds; fair, warm.

2 SCOTLAND EAST

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

7 ENGLAND N.W.

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

3 ENGLAND N.E.

Light E<sup>4</sup> breezes; dull.

8 ENGLAND S.W.

South Easterly and Southerly winds moderate to fresh; cloudy to dull.

4 ENGLAND EAST

Light variable breezes; cloudy, warm.

9 IRELAND NORTH

SE<sup>4</sup> and S<sup>4</sup> winds, moderate and strong; dull, some rain.

5 MIDLAND COUNTIES

Light E<sup>4</sup> and SE<sup>4</sup> breezes; rather cloudy, warm.

10 IRELAND SOUTH

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

6 ENGLAND SOUTH

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

WARNINGS

None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

14<sup>TH</sup> JUNE

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.08	52	NE	4	0	30.02	-1.0	50	42	+4	NE	4	0	*	61	89	-		
Hernösand ...	29.99	51	NE	2	0	29.99	+0.1	55	42	+7	NE	4	0	*	?	41	-		
Stockholm ...	29.79	43	N	3	0	29.76	-0.0	52	29	+6	N	6	0	*	?	39	-		
Wisby ...	29.97	42	N	4	0	29.73	-0.0	44	42	+1	N	4	0	*	50	34	0.04		
Bodö ...																			
Christiansund...	29.92	53	NW	2	0	29.93	+0.4	57	51	+2	WSW	1	0	2	?	34	-		
†Skudesnaes ...	29.95	48	NW	5	0	29.95	+0.3	48	48	-1	NW	4	0	2	?	48	-		
Oxö (Christiansund)...	29.90	54	SW	2	0	29.94	+0.6	53	51	-5	NE	4	0	2	?	50	-		
Skagen (The Skaw)	29.90	53	NW	4	0	29.94	+0.3	54	51	+1	NW	2	0	0	68	50	-		
Fanö ...	29.97	50	NW	4	0	29.97	+0.3	53	50	+2	WNW	4	0	*	59	46	-		
Cuxhaven ...	29.96	?	WNW	4	0	30.01	+1.0	54	51	+1	WNW	3	0	*	55	48	-		
†Sumburgh Head																			
†Stornoway ...	30.11	51	SSE	2	0	30.03	-0.8	52	51	+3	SE	3	0	2	52	246	0.02		
Wick ...	30.11	55	N	2	0	30.07	-0.2	50	46	+3	NW	1	0	2	55	45	-		
Nairn ...	30.10	52	WNW	2	0	30.05	-0.5	48	46	-1	SE	0	0	1	54	47	-		
†Aberdeen ...	30.09	53	N	4	0	30.08	+0.1	49	45	0	N	1	0	1	58	41	-		
Leith ...	30.09	54	E	1	0	30.06	-0.3	52	48	+2	ENE	1	0	*	59	46	-		
†Shields ...	30.09	51	NE	2	0	30.08	+0.1	49	47	-1	NE	2	0	2	52	46	-		
Spurn Head ...	30.08	52	NNE	3	0	30.08	+0.3	50	49	-2	NE	2	0	2	51	48	-		
York ...	30.09	57	N	1	0	30.09	+0.2	51	48	0	NNE	1	0	*	60	44	-		
Nottingham ...	30.09	59	E	1	0	30.09	-0.0	55	52	-1	SE	3	0	*	64	45	-		
†Ardrossan ...	30.08	56	NW	2	0	30.03	-0.4	56	51	+6	ENE	2	0	1	62	45	-		
†Mullaghmore ...	30.10	57	WNW	2	0	29.96	-2.0	55	53	+2	SE	5	0	3	59	51	-		
Donaghadee ...	30.09	56	WNW	4	0	30.03	-0.9	54	51	+1	E	3	0	1	54	41	-		
Parsonstown ...	30.09	62	NNE	1	0	29.99	-1.8	58	53	+5	ESE	2	0	*	62	52	-		
Barrow-in-Furness...	30.08	58	NW	2	0	30.06	-0.0	54	51	+2	NE	2	0	2	62	49	-		
†Holyhead ...	30.10	54	WNW	3	0	30.02	-1.0	56	53	+2	SSE	1	0	0	57	48	-		
Liverpool (Bidston)	30.07	58	NW	1	0	30.03	-0.5	57	53	+4	ENE	2	0	1	59	49	-		
†Valentia ...	30.06	59	E	0	0	29.91	-2.5	55	52	-2	SE	1	0	0	62	52	-		
Roche's Point...	30.11	59	SSE	2	0	29.99	-1.3	59	54	+1	SSE	4	0	4	62	53	-		
Pembroke ...	30.05	56	WNW	4	0	29.98	-1.1	55	54	0	ENE	3	0	1	59	47	-		
†Scilly ...	30.09	58	NE	4	0	30.02	-1.0	58	56	+1	E	4	0	4	61	50	-		
Prawle Point ...	30.07	55	ESE	1	0	30.03	-0.7	50	50	-5	ENE	1	0	1	61	47	-		
Hurst Castle ...	30.07	56	WSW	2	0	30.05	-0.4	55	54	-1	S	1	0	1	60	50	-		
†Dover ...	30.06	57	ESE	1	0	30.07	+0.2	55	52	-6	NNE	3	0	1	63	53	-		
†London ...	30.05	62	ESE	2	0	30.08	+0.1	58	52	+1	ENE	2	0	*	69	52	-		
Oxford ...	30.06	57	NE	3	0	30.07	-0.1	55	52	-1	E	1	0	*	66	51	-		
Cambridge ...	30.09	55	NE	1	0	30.08	+0.3	54	49	-1	NE	1	0	*	64	44	-		
†Yarmouth ...	30.06	55	NNE	1	0	30.07	+0.3	51	48	-1	E	0	0	1	56	44	-		
The Helder ...	30.03	52	NW	1	0	30.03	+0.6	52	50	+1	NW	1	0	1	55	50	-		
Cape Gris Nez ...	30.09	57	N	1	0	30.08	+0.1	53	53	-2	E	1	0	1	64	?	-		
†Jersey ...	30.11	60	N	1	0	30.07	-0.8	55	55	-1	NW	1	0	1	61	50	-		
Brest ...	30.10	57	N	3	0	30.06	-0.7	55	53	-2	NW	4	0	2	59	54	-		
Lorient ...	30.08	58	SW	3	0	30.04	-0.9	57	54	+4	WNW	3	0	1	61	50	0.04		
†Rochefort ...	30.13	64	WNW	4	0	30.10	-0.9	61	59	+2	S	4	0	2	72	54	0.08		
Biarritz ...	30.13	65	SSW	4	0	30.08	-0.9	60	56	+1	E	3	0	4	64	48	-		
Corunna ...																			
Brussels ...						30.07	+0.4	52	51	0	WNW	3	0	*	60	51	-		
Charleville ...	30.04	60	N	1	0	30.08	+0.2	55	50	-2	S	1	0	*	63	33	0.29		
Paris ...	30.10	63	E	0	0	30.07	-0.5	63	55	+4	E	0	0	*	*	*	-		
Lyons ...	30.09	63	NE	1	0	30.11	-0.2	59	54	+1	N	1	0	*	?	55	-		
Toulon ...	30.05	62	N	8	0	30.06	-0.1	64	55	+8	WSW	4	0	2	65	55	-		

## HIGH LEVEL STATION.

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

Hawes Junction	28.84	51	E	3	0	28.82	-0.1	49	47	+3	ENE	2	0	0	53	42	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.94	52	50	WNW	6	0	3	Valentia ...	30.11	61	56	NW	2	C	3
Sumburgh Head								Scilly ...	30.12	60	55	NE	4	bc	5
Stornoway ...	30.13	50	50	S	3	0	2	Dover ..	30.07	57	53	E	1	bcg	0
Aberdeen ...	30.09	55	50	N	4	0	2	London ...	30.05	66	61	WNW	3	bc	2
Shields ..	30.11	51	49	NNE	2	0	2	Yarmouth ...	30.06	54	51	NW	1	C	1
Ardrossan ...	30.06	59	53	W	1	0	1	Jersey ...	30.13	60	57	WSW	1	C	2
Mullaghmore ...	30.14	58	53	WNW	2	0	3	Rochefort ...	30.17	66	57	SW	3	0	2
Holyhead ...	30.12	54	51	WNW	3	0	2								

The mercury is falling all over the more S<sup>W</sup> districts, but is rising slightly in the N. The winds vary considerably in different districts and the weather is cloudy and rather unsettled.

## EXPLANATION OF COLUMNS.

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



# DAILY WEATHER REPORT

FOR

WEDNESDAY, 15<sup>th</sup> JUNE.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT

(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on Wednesday 15<sup>th</sup> JUNE 1887

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

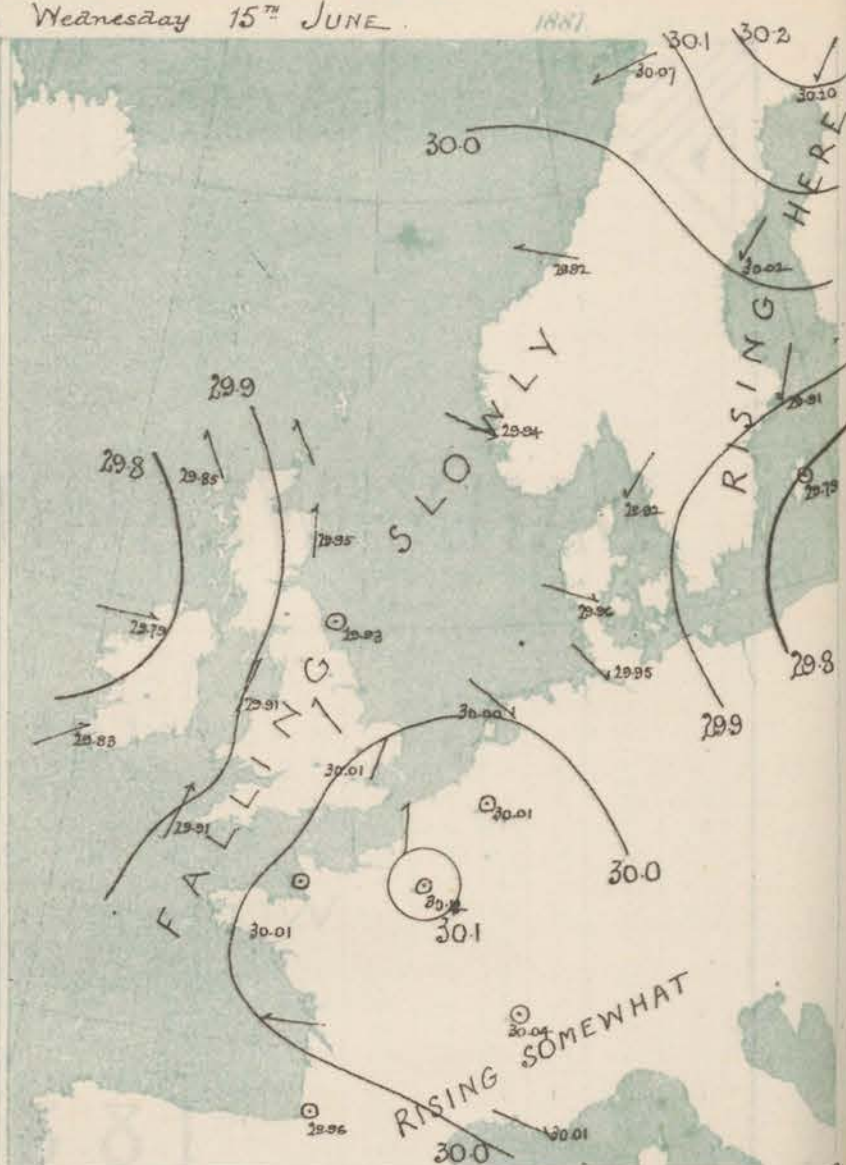
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of June.

Stations.	Mean Readings In.
Nairn	29.374
Aberdeen	29.930
Leith	29.943
Scarborough	29.982
Ardnamann	29.982
Greenacastle	29.986
Holyhead	29.983
Valentia	29.941
Roche's Pt.	29.923
Plymouth	29.970
LONDON	29.911
Vermouth	29.923

\* These means are for the 30 years 1856-75. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.  
 Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.  
 Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.4 in. or more, are quoted in figures.

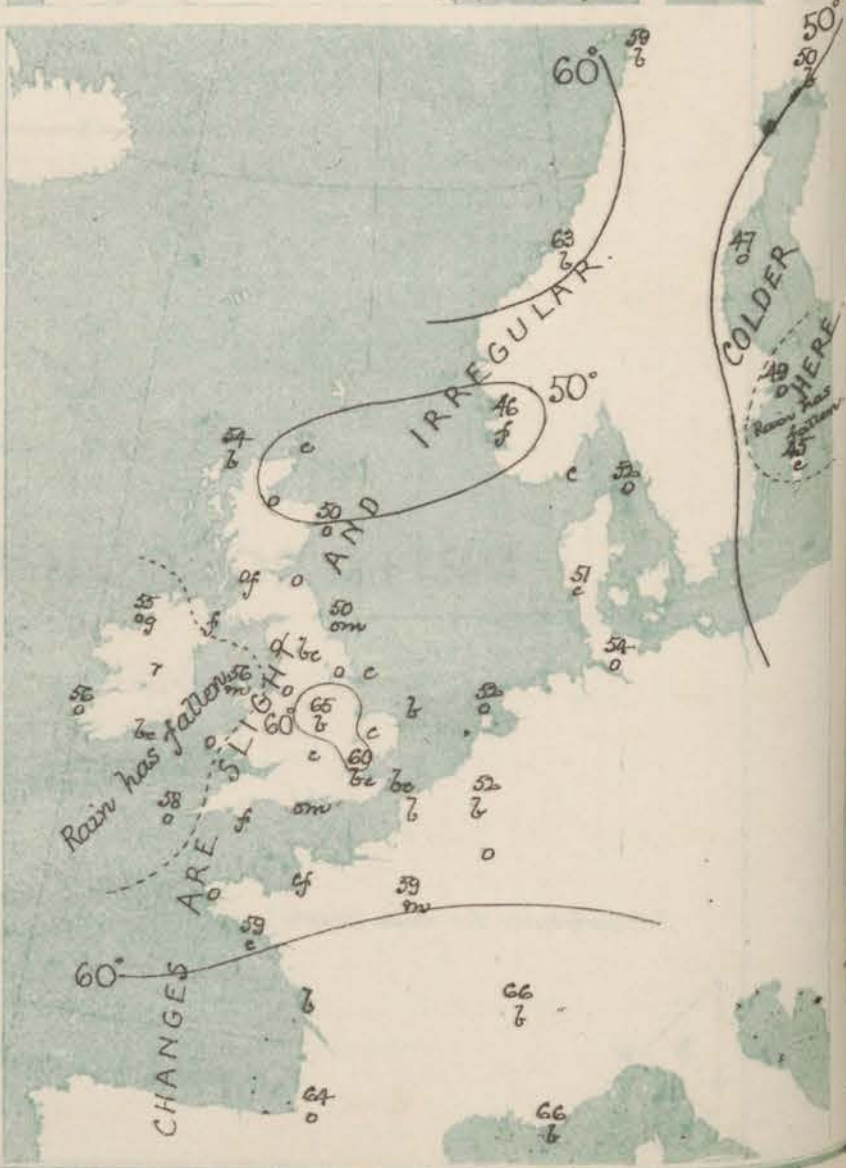
## MEANS\* OF TEMPERATURE

AND RAINFALL

for the month of June

Stations	Temp.	Rain. Fall
Sandburgh Head	57.3	1.15
Stornoway	55.9	3.05
Aberdeen	56.0	1.67
Shetland	58.0	1.06
Wick	58.0	2.30
Mullaghmore	58.1	1.00
Holyhead	58.8	1.61
Parsanstown	58.6	2.04
Valentia	58.8	2.25
Sally (St. Mary's)	60.2	2.52
Hurst Castle	59.0	1.00
Dover	59.7	1.26
LONDON	61.2	2.17
Vermouth	59.3	2.27

\* The mean Temperatures are those for the 33 years 1857-69, the mean amounts of Rain, are those for the 10 years 1866 to 1875.





# REMARKS

for Wednesday 15<sup>th</sup> JUNE 1881 at 8 a.m.

The changes in pressure are slight all over Western Europe. A shallow area of low pressure lies off our north-west coasts, and is occasioning a fall of the barometer over nearly the whole of these Islands and the eastern shores of the North Sea, while a slight recovery has commenced at Valentia, and in the East of France and over Sweden the barometer is rising. An anticyclone lies over France and the Channel. The wind varies between S.W. and S.E. on nearly all our own and the French coast, and is light and moderate in force except at Scilly. The weather is cloudy except in the S.E., mist or fog prevails in several places and rain over Central Ireland. Slight rain has fallen in the south-west and west. Temperature has changed rather irregularly and readings range from 65° at Nottingham to 48° at Kairn. The sea is smooth.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the  
16<sup>th</sup> JUNE.

ISSUED AT 11 a.m. on previous day

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

SE<sup>ly</sup> and S<sup>ly</sup> winds, light; cloudy slight drizzling rain.

2 SCOTLAND EAST

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

3 ENGLAND N.E.

Calms or light S<sup>ly</sup> breezes; cloudy, warm.

4 ENGLAND EAST

Light SE<sup>ly</sup> and S<sup>ly</sup> breezes; fair, hazy, warm.

5 MIDLAND COUNTIES

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

6 ENGLAND SOUTH

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

6 SCOTLAND WEST

SE<sup>ly</sup> and S<sup>ly</sup> winds, light; dull, close.

7 ENGLAND N.W.

S<sup>ly</sup> winds, light or moderate; dull, misty.

8 ENGLAND S.W.

SE<sup>ly</sup> and SW<sup>ly</sup> winds, light and fresh; cloudy, misty.

9 IRELAND NORTH

SW<sup>ly</sup> winds, light; dull, misty and close to fair.

10 IRELAND SOUTH

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

### WARNINGS

None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

15<sup>TH</sup> JUNE

1881.

YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.			
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.	
Haparanda	30.08	55	NE	2	b	30.20	+1.8	50	42	0	NE	2	b	*	63	41	-	
Hernösand	29.98	53	NE	3	b	30.02	+0.3	47	41	-8	E NE	6	0	*	57	41	-	
Stockholm	29.82	40	N	6	0	29.91	+1.5	44	46	-3	NE	4	0	*	52	39	0.04	
Wisby	29.74	41	N	2	2	29.79	+0.6	45	44	+1	N	0	0	*	50	36	0.04	
Bodö	30.04	59	E NE	2	b	30.07	+0.4	59	51	+4	E NE	2	b	*	68	52	-	
Christiansund	29.92	57	NNW	2	b	29.92	-0.1	63	50	+6	E SE	4	b	2	63	45	-	
†Skudesnaes	29.94	45	WNW	4	f	29.94	-0.1	46	46	-2	WNW	4	f	2	?	45	-	
Oxö (Kälsund)	29.89	54	SW	4	b	29.91	-0.3	56	55	+3	N NE	2	c	1	59	50	-	
Skagen (The Skaw)	29.88	53	NNW	2	b	29.92	-0.2	52	49	-2	NE	3	0	2	70	48	-	
Fanö	29.97	50	WNW	4	0	29.96	-0.1	51	43	-2	WNW	2	c	*	57	46	-	
Cuxhaven	29.97	?	NNW	4	bc	29.95	-0.6	54	50	0	NNW	4	0	*	55	48	-	
†Sumburgh Head																		
†Stornoway	29.93	53	E NE	3	b	29.85	-1.8	54	53	+2	SE	3	b	2	54	43	-	
Wick	29.98	53	SE	3	b	29.96	-1.1	49	47	-1	SE	3	0	3	57	42	-	
Nairn	29.95	50	E	2	b	29.92	-1.3	48	46	0	E	2	0	2	54	46	-	
†Aberdeen	30.01	50	S SE	3	bc	29.95	-1.3	50	47	+1	S	2	0	1	55	45	-	
Leith	29.97	54	E	1	b	29.94	-1.2	52	50	0	NE	1	0	*	58	46	-	
†Shields	30.00	50	S SE	2	m	29.93	-1.5	50	48	+1	N	0	om	2	52	46	-	
Spurn Head	30.03	50	E NE	2	b	29.97	-1.1	55	53	+5	S SE	2	0	2	56	48	-	
York	30.01	59	S	1	b	29.96	-1.3	52	49	+1	S	1	0	*	62	43	-	
Nottingham	29.99	62	SE	2	b	29.97	-1.2	65	61	+10	SE	2	b	*	73	47	-	
†Ardrossan	29.92	60	N	0	bf	29.88	-1.5	51	49	-5	NE	3	of	2	66	47	-	
†Mullaghmore	29.82	65	S	4	c	29.79	-1.7	55	54	0	N	2	og	2	67	53	0.09	
Donaghadee	29.92	55	N NE	3	bc	29.87	-1.6	51	50	-3	S SE	3	f	1	60	49	-	
Parsonstown	29.87	62	S	2	c	29.83	-1.6	55	54	-3	S	1	n	*	67	54	0.19	
Barrow-in-Furness	29.96	64	NE	2	b	29.94	-1.2	57	54	+3	E SE	4	0	3	66	53	-	
†Holyhead	29.96	60	S SE	2	c	29.91	-1.1	56	53	0	SSW	3	m	2	65	53	0.05	
Liverpool (Bidston)	29.95	58	SW	1	0	29.93	-1.0	59	53	+2	SE	1	0	1	67	52	-	
†Valentia	29.80	57	S SE	6	og	29.83	-0.8	56	54	+1	WSW	1	0	1	58	51	0.24	
Roche's Point	29.89	57	S SE	5	0	29.83	-1.6	56	54	-3	WSW	1	bc	3	61	52	0.36	
Pembroke	29.94	54	S SE	2	bc	29.89	-0.9	53	53	-2	SE	3	0	3	58	52	0.03	
†Scilly	29.94	57	S	4	0	29.91	-1.1	58	58	0	SSW	5	0	4	65	55	0.02	
Prawle Point	30.01	52	WSW	1	f	29.98	-0.5	52	52	+2	E	1	f	1	54	48	-	
Hurst Castle	30.02	58	WSW	2	bc	30.00	-0.5	53	52	-2	W	1	om	1	61	51	-	
†Dover	30.00	55	E	3	b	30.01	-0.6	57	53	+2	E	1	bc	0	58	49	-	
†London	29.99	62	E SE	1	0	30.01	-0.7	60	54	+2	SSW	1	bc	*	67	49	-	
Oxford	29.98	60	S	2	0	29.98	-0.9	65	53	0	S	1	c	*	65	52	-	
Cambridge	29.91	60	E	1	b	29.97	-1.1	58	57	+4	S	1	0	*	56	44	-	
†Yarmouth	30.02	54	E NE	1	bc	30.00	-0.7	55	52	+4	SE	2	b	2	57	47	-	
The Helder	30.01	52	NW	1	p	30.00	-0.3	52	50	0	NW	1	0	1	55	52	-	
Cape Gris Nez	30.01	56	NE	4	b	30.04	-0.4	55	51	+2	S	1	b	?	?	?	-	
†Jersey	30.02	60	W	1	b	30.05	-0.2	54	53	-1	E	1	cf	1	61	48	-	
Brest	30.04	59	WNW	1	bc	30.00	-0.6	57	57	+2	S	3	0	3	63	55	-	
Lorient	30.02	62	W	4	bc	30.01	-0.3	59	57	+2	E NE	3	0	1	64	52	-	
†Roche fort	30.05	64	NW	5	b	30.03	-0.4	61	58	0	E	3	b	2	71	50	-	
Biarritz	29.97	65	NE	5	b	29.96	-1.2	64	59	+4	N	0	0	2	75	55	-	
Corunna	*	*	*	*	*			*						*	*	*		
Brussels	*	*	*	*	*	30.31	-0.6	52	50	0	N	1	b	*	61	47	-	
Charleville	?	62	W	1	2	30.04	-0.4	54	50	-1	S	1	0	*	66	32	-	
Paris	29.97	65	WSW	3	bc	30.12	+0.5	59	57	-4	N	0	m	*	*	*	0.08	
Lyons	30.01	69	SE	1	c	30.04	+0.7	66	59	+7	E SE	1	b	*	74	55	-	
Toulon	30.01	62	W	7	b	30.01	-0.5	66	55	+2	WNW	4	b	2	68	55	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.74	56	E NE	1	0	28.70	-1.2	56	52	+7	N	1	bc	*	60	41	-	

## HIGH LEVEL STATION.

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

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

Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes	30.24	56	52	WNW	4	Valentia	29.84	56	55	SE	6
Sumburgh Head						Scilly	30.02	65	61	SSW	4
Stornoway	29.97	54	53	E	3	Dover	30.04	56	52	E	3
Aberdeen	30.03	52	47	SSE	2	London	30.02	63	59	SE	2
Shields	30.04	51	49	E	2	Yarmouth	30.15	54	50	NE	1
Ardrossan	29.96	60	55	NW	1	Jersey	30.07	56	55	WNW	1
Mullaghmore	29.87	64	57	SSE	5	Roche fort	30.08	69	63	NW	4
Holyhead	29.92	64	58	WSW	2						

Pressure is decreasing everywhere and the disturbance which was approaching our W<sup>est</sup> coast seems to be travelling NE<sup>ast</sup>. The weather is rather cloudy in most places and a strong SSE wind is blowing in W<sup>est</sup> Ireland. Temperature ranges from 65° at Scilly to 51° at Shields.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 + The evening observations are taken at 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, 16<sup>TH</sup> JUNE.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT  
(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on Thursday 16<sup>th</sup> JUNE. 1881

## BAROMETER, WIND & SEA.

### Explanation of Map.

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

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

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

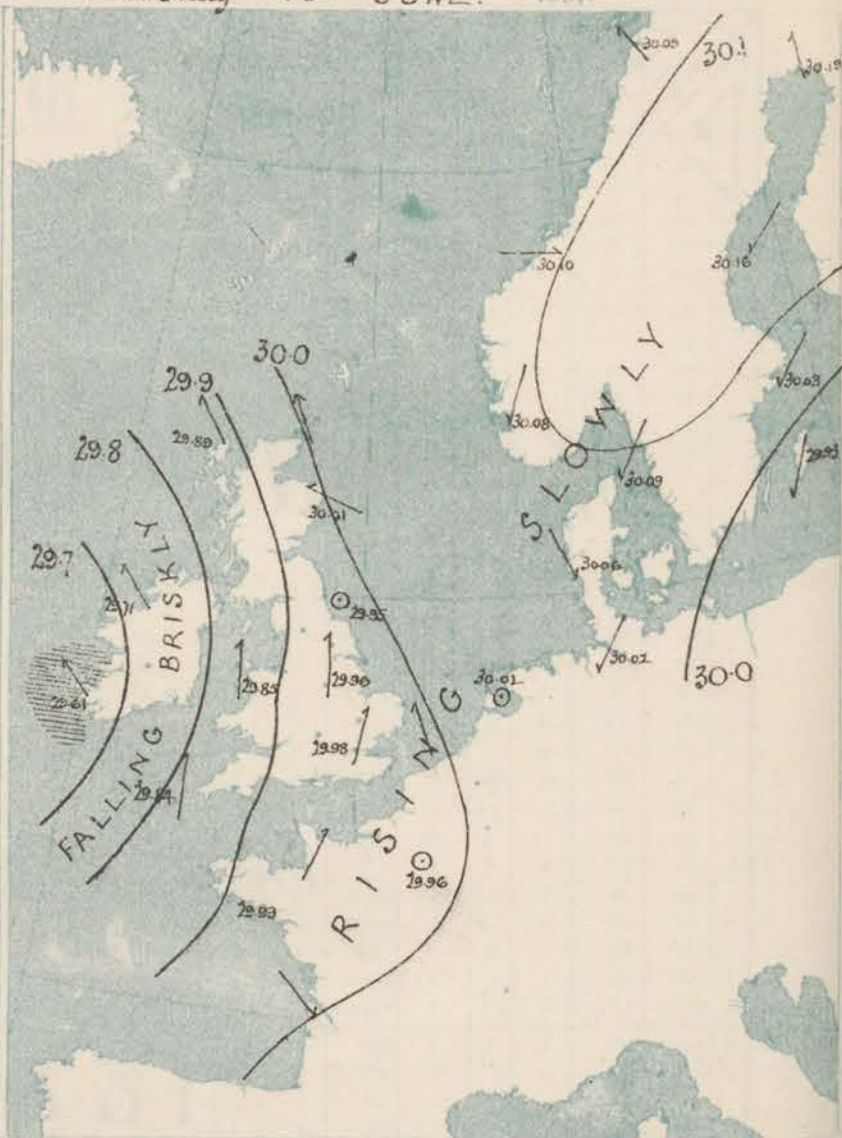
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

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

for the month of June.

Stations	Mean Readings In.
Nairn	29.933
Aberdeen	29.930
Leith	29.960
Scarborough	30.002
Ardrossan	29.982
Greenacastle	29.985
Holyhead	30.013
Valentia	29.943
Roches Pt.	30.037
Plymouth	30.060
LONDON	30.040
Vermouth	30.027

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



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

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

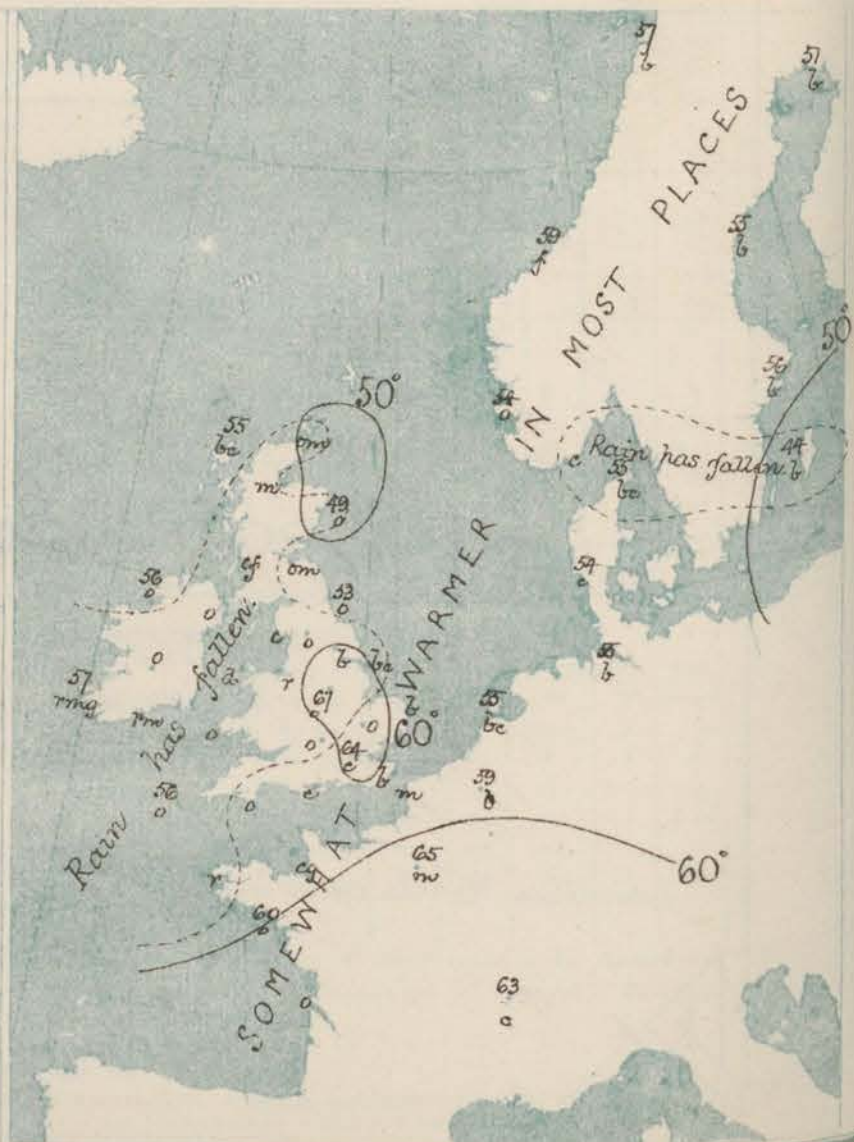
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

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

for the month of June

Stations	Temp	Rain Fall
Sundergh Head	54.4	1.15
Sarnoway	55.4	2.05
Aberdeen	56.3	1.83
Shields	58.0	1.68
Yock	58.8	2.39
Mullaghmore	58.1	0
Holyhead	58.8	1.61
Parsonstown	58.6	2.04
Valentia	58.8	2.85
Sally (St Mary's)	60.2	2.23
West Castle	59.9	0
Dover	59.7	2.76
LONDON	61.2	2.73
Vermouth	59.7	2.23

\* The mean Temperatures are those for the 15 years 1857-71; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Thursday 16<sup>th</sup> JUNE 1881, at 8 a.m.

The mercury has been almost steady on our north and east coast during the past <sup>24</sup> hours, while it has risen over Scandinavia, but in the W. a decided though not brisk fall has occurred, so that moderate gradients have been formed over us, and a large shallow area of low pressure apparently lies to the west of Ireland. The wind varies between SE and E. on all our coasts and though still light or moderate <sup>in</sup> the blow freshy at Wick and Rock Point and strongly at Valencia. The weather remains fine at a few east coast ports but is cloudy or dull in nearly all other places, with mist in several parts of the country and rain in the south of Ireland and on our NW coast. Rain has fallen except in the NE and SE, and a thunderstorm occurred at Quarmhead yesterday. Temperature has risen somewhat and ranges from 67° at Nottingham and 69° in London to 48° at Wick. The maxima yesterday were 70° at York, 73° at Nottingham and 74° in London. Sea is rough at Valencia, nearly smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

17<sup>th</sup> JUNE.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE <sup>ly</sup> to S <sup>ly</sup> winds, moderate and fresh cloudy, dull, misty.	6 SCOTLAND WEST	SE <sup>ly</sup> winds, light; cloudy, foggy, misty rain.
2 SCOTLAND EAST	D <sup>ly</sup> D <sup>ly</sup> D <sup>ly</sup>	7 ENGLAND N.W.	S <sup>ly</sup> winds, light to fresh; dull, some rain.
3 ENGLAND N.E.	Light E <sup>ly</sup> and SE <sup>ly</sup> winds; dull, misty rain.	8 ENGLAND S.W.	S <sup>ly</sup> and SW <sup>ly</sup> winds, moderate and fresh, dull, some rain.
4 ENGLAND EAST	Light E <sup>ly</sup> to S <sup>ly</sup> or SW <sup>ly</sup> breezes; dull, close, some rain this evening.	9 IRELAND NORTH	SE <sup>ly</sup> to S <sup>ly</sup> winds, moderate and strong, dull, some rain.
5 MIDLAND COUNTIES	D <sup>ly</sup> D <sup>ly</sup> D <sup>ly</sup>	10 IRELAND SOUTH	D <sup>ly</sup> D <sup>ly</sup> D <sup>ly</sup>
6 ENGLAND SOUTH	D <sup>ly</sup> D <sup>ly</sup> D <sup>ly</sup>	WARNINGS	None issued.



# METEOROLOGICAL OBSERVATIONS FOR

16<sup>TH</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										LAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 3).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.20	53	SW	3	b	30.19	-0.01	51	45	+1	S	2	b	*	63	43	-		
Hernösand	30.19	48	NE	4	b	30.16	+0.14	55	52	+8	ENE	2	b	*	55	45	-		
Stockholm	30.01	47	N	1	o	30.03	+0.12	56	49	+7	NE	2	b	*	?	39	-		
Wisby	29.89	42	NNE	4	n	29.93	+0.14	44	43	-1	NNE	4	b	*	50	36	0.04		
Bodö	30.10	57	Z	0	b	30.09	+0.02	57	50	-2	SE	2	b	o	64	48	-		
Christiansund	30.01	60	ESE	2	b	30.10	+0.18	50	48	-13	N	4	f	3	70	39	-		
†Skudesnaes	30.06	56	Z	0	o	30.08	+0.14	54	50	+8	NNE	1	o	2	?	?	-		
Oxö (Xiänsund)	30.08	53	NE	4	o	30.10	+0.19	54	52	-2	NE	4	e	2	55	50	0.04		
Skagen (The Skaw)	30.02	53	ENE	2	o	30.09	+0.17	55	52	+3	NE	3	bu	2	55	50	0.04		
Fanö	30.02	50	NW	1	e	30.06	+0.10	54	51	+3	NW	2	e	*	57	46	-		
Cuxhaven	29.98	?	N	3	b	30.02	+0.07	55	52	+1	NE	2	b	*	55	48	-		
†Sumburgh Head																			
†Stornoway	29.86	58	ESE	3	b	29.89	+0.04	55	54	+1	SE	3	bu	2	60	47	-		
Wick	29.95	51	SE	3	o	29.97	+0.01	48	48	-1	SSE	5	om	3	56	47	0.02		
Nairn	29.90	52	Z	0	m	29.94	+0.02	52	50	+4	Z	0	m	1	56	47	-		
†Aberdeen	29.95	50	N	4	o	30.01	+0.06	49	48	-1	ESE	4	o	2	54	47	0.01		
Leith	29.94	51	E	1	o	29.95	+0.01	50	50	-2	E	1	om	*	58	49	-		
†Shields	29.91	52	E	2	o	29.95	+0.02	53	52	+3	E	1	o	1	54	46	-		
Spurn Head	29.95	56	ESE	3	o	29.97	0.00	54	54	-1	SE	3	bu	3	60	54	0.36		
York	29.93	60	N	1	o	29.95	-0.01	61	58	+9	S	1	b	*	70	51	0.04		
Nottingham	29.95	65	SSE	1	o	29.96	-0.01	67	62	+2	S	3	o	*	73	50	0.01		
†Ardrossan	29.89	58	Z	0	o	29.87	-0.01	55	53	+4	NE	3	cf	2	59	50	0.13		
†Mullaghmore	29.82	58	Z	0	oq	29.71	-0.08	56	54	+1	SE	4	o	3	62	54	-		
Donaghadee	29.88	53	SSE	3	o	29.84	-0.03	53	53	+2	S	3	o	1	60	50	0.05		
Parsonstown	29.81	63	NW	1	e	29.76	-0.07	54	52	-1	SE	1	o	*	64	50	0.09		
Barrow-in-Furness	29.92	61	ESE	2	o	29.89	-0.05	62	61	+5	ESE	4	e	3	64	56	0.05		
†Holyhead	29.89	61	S	2	o	29.85	-0.06	58	57	+2	S	2	d	1	63	55	0.04		
Liverpool (Bidston)	29.91	61	ESE	1	e	29.91	-0.02	57	55	-2	SE	2	n	1	64	55	0.05		
†Valentia	29.81	58	SW	3	e	29.61	-0.22	57	56	+1	SE	7	nmq	6	62	48	0.28		
Roche's Point	29.82	56	SW	2	e	29.73	-0.10	55	55	-1	S	5	nm	4	60	50	0.19		
Pembroke	29.87	55	SE	3	e	29.80	-0.09	53	53	0	SSE	3	o	2	59	53	0.07		
†Scilly	29.87	57	S	5	op	29.84	-0.07	56	55	-2	S	4	o	4	61	53	0.06		
Prawle Point	29.97	55	SE	1	bc	29.90	-0.08	53	53	+1	ENE	1	o	1	58	50	0.02		
Hurst Castle	29.99	59	WSW	1	bc	29.96	-0.04	58	55	+5	SE	3	e	1	60	51	-		
†Dover	29.97	57	Z	0	b	29.99	-0.02	58	54	+1	E	2	b	1	60	54	-		
†London	29.96	69	SSW	2	bc	29.98	-0.03	64	59	+4	SSW	2	e	*	74	54	-		
Oxford	29.96	62	WSW	1	bc	29.96	-0.02	58	55	+3	SSE	1	o	*	69	52	0.01		
Cambridge	29.98	63	S	1	e	29.96	-0.01	62	58	+4	S	1	o	*	69	48	-		
†Yarmouth	29.97	56	SSE	3	b	30.00	0.00	55	53	0	SSE	2	b	2	59	52	-		
The Helder	30.00	54	N	1	e	30.02	+0.02	55	51	+3	ENE	1	bu	1	63	52	-		
Cape Gris Nez	30.02	57	ENE	1	b	29.99	-0.05	58	54	+3	SSE	1	m	0	63	50	-		
†Jersey	30.00	63	Z	0	b	29.98	-0.07	58	56	+4	SW	1	eq	1	64	52	-		
Brest	29.97	60	S	3	b	29.89	-0.11	58	58	+1	SSW	4	n	3	61	57	0.08		
Lorient	29.97	64	WSW	3	b	29.93	-0.08	60	60	+1	SW	3	o	2	66	55	-		
†Rochefort	29.97	65	WNW	4	e	30.00	-0.03	62	59	+1	NW	4	o	2	77	55	-		
Biarritz																			
Corunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	30.02	+0.01	59	53	+7	N	1	b	*	68	49	-		
Charleville	29.97	63	E	1	bu	30.01	-0.03	58	54	+4	E	1	b	*	68	33	0.04		
Paris	29.93	72	WSW	3	bc	29.96	-0.16	65	58	+6	Z	0	m	*	*	*	-		
Lyons	29.94	74	ESE	1	o	?	?	63	60	-3	?	1	e	*	80	54	0.20		
Toulon																			

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

Hawes Junction	28.69	59	WSW	3	o		28.70	0.00	57	55	+1	NE	3	o	*	61	52	0.01
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudeanaes ...	30.00	50	48	WNW	5	o f	2	Valentia ...	29.83	61	55	WSW	3	b c	4
Sumburgh Head								Scilly ...	29.91	60	58	S	5	o	4
Stornoway ...	29.84	59	57	E	3	b	2	Dover ..	29.99	59	55	E	1	b	0
Aberdeen ...	29.94	51	47	SSE	3	c	1	London ...	29.95	68	63	WSW	2	e	*
Shields ...	29.91	53	51	E	2	o	2	Yarmouth ...	29.98	57	53	SSE	4	b	3
Ardrossan ...	29.88	57	55	Z	0	o	0	Jersey ...	30.03	61	57	E	1	b c	1
Mullaghmore ...	29.82	59	56	WNW	2	c	2	Rochefort ...	29.97	71	66	?ESE	4	b	2
Holyhead ...	29.90	61	58	S	3	m	2								

Pressure is decreasing slowly generally and there appears to be a tendency towards the formation of a small depression over central England. The winds are light and variable and the weather rather cloudy. Temperature ranges from 68° in London to 51° at Aberdeen.

## EXPLANATION OF COLUMNS.

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



# DAILY WEATHER REPORT

FOR

FRIDAY, 17<sup>TH</sup> JUNE.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT

(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on Friday 17<sup>th</sup> JUNE.

1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

Wind. Arrows show the prevalent 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.

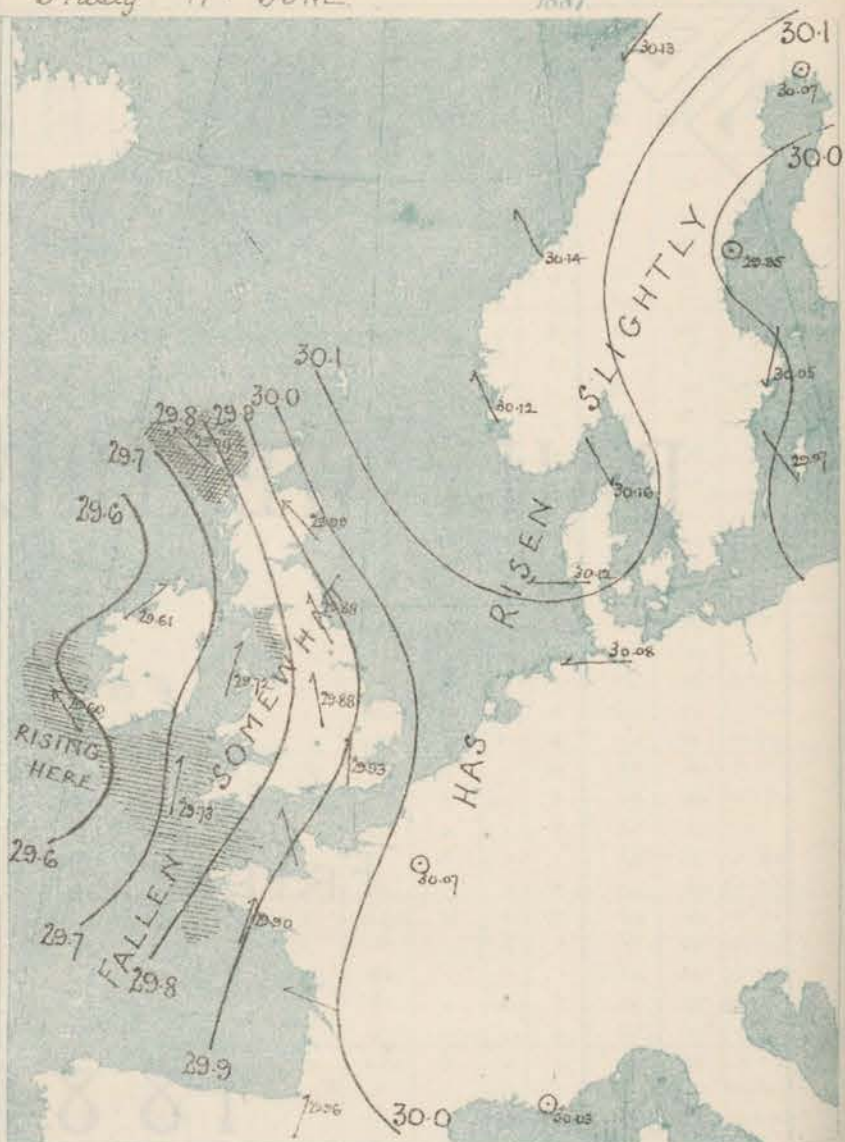
Sea Disturbance, where considerable, is shown by shading round the coast, thus: ——— Rough; ——— High.

## MEAN\* HEIGHT of the BAROMETER

for the month of June.

Stations	Mean Readings In.
Nairn	29.954
Aberdeen	29.929
Leith	29.909
Scarborough	30.002
Ardrrossan	29.987
Greenacastle	29.965
Holyhead	30.013
Valentia	30.041
Roch's Pt.	30.033
Plymouth	30.060
LONDON	30.040
Vermouth	30.027

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





# REMARKS

for Friday 17<sup>th</sup> June. 1881 at 8 a.m.

Very little change is shown in pressure over these Islands and their neighbourhoods, but a slight rise has taken place during the past 24 hours over Scandinavia, Denmark and the east of France, and a decrease over the United Kingdom. In consequence gradients are rather steep this morning, but as recovery seems now to have commenced at Valencia, and the depressions (one of which lies off the SW. and the second off the NW. coast of Ireland,) both seem to be moving slowly away. The wind is S<sup>W</sup> over the N. of France and the Channel, but is SE<sup>E</sup> elsewhere. It blows fresh in a few places, but is generally moderate or light in force. Temperature has risen except in the N. of England, and ranges from 66° at Paris and 63° in London to 49° at Aberdeen. The maxima yesterday were between 55° and 63° generally, but as high as 73° at Nottingham and 71° in London. The weather is cloudy or overcast except over Norway, Sweden, and Denmark and rain is falling in several places. Heavy rain has occurred over Ireland and showers in all parts of the Kingdom. The sea is high at Stromway, rough at Bunsow in Funness and on our SW. coast.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon

on the

18<sup>th</sup> JUNE.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE <sup>W</sup> winds, light and fresh; weather slowly improving, warmer.	6 SCOTLAND WEST	Light or moderate SE <sup>W</sup> to S <sup>W</sup> winds; rainy to fine.
2 SCOTLAND EAST	-----D <sup>W</sup> -----D <sup>W</sup> -----D <sup>W</sup> -----	7 ENGLAND N.W.	-----D <sup>W</sup> -----D <sup>W</sup> -----D <sup>W</sup> -----
3 ENGLAND N.E.	-----D <sup>W</sup> -----D <sup>W</sup> -----D <sup>W</sup> -----	8 ENGLAND S.W.	S <sup>W</sup> winds, light, cloudy, showery.
4 ENGLAND EAST	Light SSE <sup>W</sup> winds; cloudy, fair.	9 IRELAND NORTH	Moderate and fresh breezes between SW. and SE.; cloudy, some showers.
5 MIDLAND COUNTIES	Light S <sup>W</sup> breezes; rather cloudy and close, but fair on the whole.	10 IRELAND SOUTH	-----D <sup>W</sup> -----D <sup>W</sup> -----D <sup>W</sup> -----
6 ENGLAND SOUTH	-----D <sup>W</sup> -----D <sup>W</sup> -----D <sup>W</sup> -----	WARNINGS	None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

17<sup>th</sup> JUNE 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	30.08	52	2	0	h	30.07	-12	58	56	+7	2	0	h	*	59	45	-		
Hernösand	30.09	50	2	0	h	29.95	-21	60	51	+9	2	0	h	*	68	32	-		
Stockholm	30.06	51	NNE	2	h	30.05	+02	58	46	+2	NNE	2	h	*	63	45	-		
Wisby	29.97	43	NNE	2	h	29.97	+04	45	43	+1	NNE	4	h	*	52	37	-		
Bodö	30.10	54	2	0	h	30.13	+04	48	45	-9	NNE	2	h	1	61	45	-		
Christiansund	30.13	46	NNE	1	h	30.14	+04	47	45	-3	SE	1	h	1	51	37	-		
†Skudesnaes	30.14	54	NW	2	o	30.12	+04	54	52	0	SSW	2	h	2	?	54	-		
Örö (Klansund)	30.12	54	SW	4	c	30.10	00	57	55	+3	SSW	2	c	1	?	50	-		
Skagen (The Skaw)	30.09	65	NNW	2	c	30.10	+01	57	54	+2	NW	2	h	0	70	52	-		
Fanö	30.10	53	NNW	2	h	30.12	+06	61	56	+5	E	2	h	*	63	46	-		
Cuxhaven	30.08	?	NNE	2	h	30.08	+06	60	56	+4	E	2	h	*	69	52	-		
†Sumburgh Head																			
†Stornoway	29.85	56	ESE	5	o	29.79	-10	52	52	-3	ESE	6	h	7	64	49	-		
Wick	30.11	52	SE	5	o	30.01	+04	50	49	+2	SE	4	o	4	57	48	-		
Nairn	29.89	62	SE	2	o	29.89	-05	54	52	+2	SE	1	h	1	68	51	0.01		
†Aberdeen	29.01	49	SE	4	h	29.99	-02	49	48	0	ESE	5	h	4	50	43	0.14		
Leith	29.88	53	E	1	h	29.85	-10	56	54	+2	S	1	o	*	57	49	0.34		
†Shields	29.92	52	SE	2	o	29.88	-07	51	51	-2	SE	4	h	3	57	48	0.26		
Spurn Head	29.94	57	ESE	4	h	29.90	-07	56	55	+2	SE	4	h	4	58	54	0.09		
York	29.92	63	ESE	1	o	29.87	-08	58	57	-3	ESE	3	h	*	69	53	0.32		
Nottingham	29.92	61	ESE	3	h	29.88	-08	62	60	-5	ESE	4	h	*	73	58	0.19		
†Ardrossan	29.80	58	ESE	2	opf	29.73	-14	59	56	+3	ESE	3	opf	2	60	54	0.25		
†Mullaghmore	29.63	56	SE	6	oq	29.61	-10	56	53	0	SW	4	h	2	58	53	0.41		
Donaghadee	29.78	61	S	2	h	29.68	-16	62	52	-1	SSW	4	o	2	54	50	0.40		
Parsonstown	29.63	57	ESE	2	h	29.67	-09	55	53	+1	SE	1	h	*	57	49	0.49		
Barrow-in-Furness	29.84	59	ESE	3	h	29.76	-14	58	57	-4	ESE	5	h	5	62	56	0.30		
†Holyhead	29.79	57	SSW	2	h	29.72	-13	58	56	0	SSW	2	h	1	58	55	0.38		
Liverpool (Bidston)	29.82	58	ESE	3	o	29.76	-15	60	57	+3	ESE	2	h	2	62	46	0.17		
†Valentia	29.56	57	SSW	4	h	29.60	-01	56	52	-1	ESE	5	opf	5	60	47	0.69		
Roche's Point	29.58	56	SSW	4	h	29.65	-08	56	54	+1	ESE	4	h	4	61	52	0.56		
Pembroke	29.73	55	SE	4	o	29.75	-05	55	54	+2	S	1	h	3	55	52	0.18		
†Scilly	29.69	58	S	6	om	29.73	-11	57	56	+1	S	2	h	5	59	48	0.06		
Prawle Point	29.85	54	ESE	1	f	29.81	-09	55	55	+2	ESE	4	h	4	55	52	0.27		
Hurst Castle	29.91	58	SSW	3	o	29.88	-08	59	57	+1	S	5	h	2	63	56	0.10		
†Dover	29.94	60	E	2	bc	29.96	-03	59	57	+1	S	1	opf	1	63	57	-		
†London	29.94	63	SSW	2	o	29.93	-05	63	60	-1	S	3	h	*	71	59	-		
Oxford	29.90	58	SE	3	h	29.87	-09	61	59	+3	ESE	3	opf	*	64	57	0.12		
Cambridge	29.92	62	ESE	1	o	29.91	-05	62	60	0	SW	1	h	*	69	55	0.05		
†Yarmouth	29.99	59	ESE	4	h	29.95	-05	58	56	+3	ESE	3	bc	2	61	54	-		
The Helder†	30.03	60	NE	1	c	30.02	00	59	57	+4	E	1	h	1	63	55	-		
Cape Gris Nez	29.95	65	2	0	h	30.01	+02	60	56	+5	S	1	h	0	75	55	-		
†Jersey	29.94	62	SW	2	c	29.94	-04	59	58	+1	ESE	3	opf	3	63	56	0.07		
Brest	29.85	59	W	5	h	29.82	-07	59	58	+1	SSW	7	h	5	61	57	0.12		
Lorient	29.91	62	SSW	4	h	29.90	-03	62	60	+2	SSW	5	h	4	66	59	-		
†Rochefort	30.00	66	NW	3	o	29.99	-01	64	63	+2	ESE	3	h	2	71	57	-		
Biarritz	29.99	66	NNE	4	h	29.96	-05	65	59	+2	SSW	1	h	2	72	57	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels†	*	*	*	*	*	29.99	-03	65	60	+6	SW	1	h	*	72	55	-		
Charleville†	29.99	63	SW	8	h	30.04	+03	58	54	0	NW	1	h	*	73	34	-		
Paris	29.99	61	SW	3	h	30.07	-11	66	?	+1	2	h	*	*	*	0.39			
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Toulon	30.04	68	SW	3	h	30.03	-01	69	60	?	2	h	1	73	59	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	28.66	56	ESE	3	h	28.61	-09	54	52	-3	ESE	3	h	*	60	51	0.36		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.13	56	52	W	4	0	2	Valentia ...	29.52	56	56	SSW	6	ang	6
Sumburgh Head								Scilly ...	29.75	58	57	S	6	0	4
Stornoway ...	29.84	61	60	E	3	6	2	Dover ..	29.97	62	57	E	3	bc	2
Aberdeen ...	30.02	59	49	SE	3	0	3	London ...	29.93	70	66	E	2	0	*
Shields ...	29.93	58	52	SE	4	0	3	Yarmouth ...	30.00	58	55	SE	3	h	2
Ardrossan ...	29.84	58	55	SE	2	h	2	Jersey... ..	29.96	60	58	SSW	2	0	2
Mullaghmore ...	29.69	57	55	SE	5	ang	4	Rochefort ...	30.01	68	62	NW	3	0	2
Holyhead ..	29.83	57	56	SSW	1	h	0								

Pressure continues steady in the E. and to decrease somewhat in the W. In consequence, gradients are increasing and the SE. and S. winds are rising somewhat with cloudy, rainy, weather.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

F O R

SATURDAY, 18<sup>TH</sup> JUNE.

1881.

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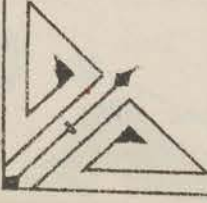
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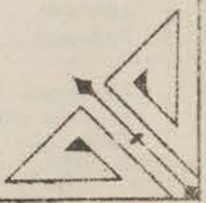
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ROBERT H. SCOTT  
(SECRETARY.)



Printed by D. J. Doughty, 22, Bedford St. W. C.



# WEATHER CHARTS

for 8 a.m. on Saturday 18<sup>th</sup> JUNE. 1881

## BAROMETER, WIND & SEA.

### Explanation of Map.

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

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

☉. dead calm.

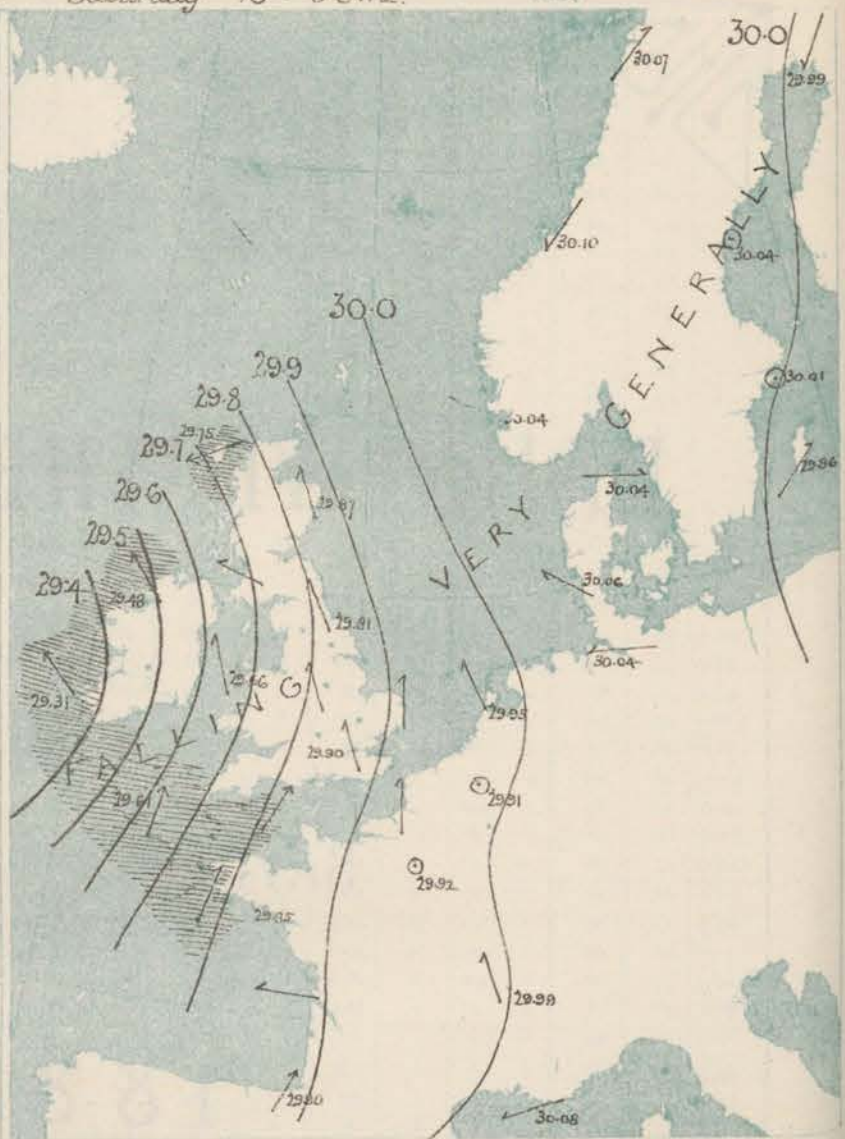
Sea Disturbance, where considerable, is shown by shading round the coast; thus: — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of June.

Stations.	Mean Readings
Nairn	29.834
Aberdeen	29.939
Leith	29.969
Scarborough	30.002
Ardrossan	29.982
Greencastle	29.983
Holyhead	29.993
Valentia	30.041
Reche's Pt.	30.039
Plymouth	30.000
LONDON	30.040
Vermouth	29.987

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



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

### Explanation of Map.

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

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

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

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of June

Stations	Temp	Rain-fall
Sunderburgh Head	57.6	1.15
Sarnsey	58.4	0.05
Aberdeen	56.0	1.62
Shields	58.0	1.06
Yack	58.8	7.39
Mullaghmore	58.1	7
Holyhead	58.8	1.01
Parsonstown	58.6	7.01
Valentia	58.8	2.85
Sally (St Mary's)	60.2	2.20
Hurst Castle	59.9	7
Dover	59.7	1.76
LONDON	61.2	2.17
Vermouth	58.3	2.22

\* The mean Temperature are those for the 13 years 1857-69; the mean amount of Rain are those for the 10 years 1868 to 1875.





# REMARKS

for Saturday 18<sup>th</sup> June 1881 at 8 a.m.

The weather remains fine over Sweden, Denmark and the S. of Norway, dull and unsettled elsewhere; rain is falling in many parts of the Kingdom and fog prevails on the W. coast of Norway. Rain has fallen in all districts the amounts at Aberdeen and Roches Point being large; in the SE. of England a sharp thunder shower occurred last evening. The wind is S<sup>W</sup> to SE<sup>W</sup>, still blowing lightly or moderately in the E. and strongly or freshly in the W. Temperature has changed slightly and rather irregularly, and readings range from 65° at Nottingham to 50° at Aberdeen. The maxima yesterday were about 70° over Central England between 55° and 65° elsewhere. Pressure is decreasing in all parts of the country, and as the decrease continues greater in the W. than in the E. gradients are becoming still steeper. The centre of the depression was apparently coming in over us last evening, but it has since receded and is still shown off the W. of Ireland. Sea is rough at the entrance to the Channel and round the south and west of Ireland as well as at Stromsø. Sea is rough at the entrance

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

19<sup>th</sup> JUNE.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	SE <sup>W</sup> and E <sup>W</sup> winds, moderate and fresh; dull, rain.
2 SCOTLAND EAST	S <sup>W</sup> and SE <sup>W</sup> breezes, moderate; weather dull, close, some showers.
3 ENGLAND N.E.	D <sup>W</sup> -----D <sup>W</sup> -----D <sup>W</sup>
4 ENGLAND EAST	D <sup>W</sup> -----D <sup>W</sup> -----D <sup>W</sup>
5 MIDLAND COUNTIES	S <sup>W</sup> winds, light or moderate; dull, close, some rain.
6 ENGLAND SOUTH	D <sup>W</sup> -----D <sup>W</sup> -----D <sup>W</sup>

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	SE <sup>W</sup> breezes, moderate; dull, showery.
7 ENGLAND N.W.	D <sup>W</sup> -----D <sup>W</sup> -----D <sup>W</sup>
8 ENGLAND S.W.	S <sup>W</sup> winds, fresh and strong, showery.
9 IRELAND NORTH	S <sup>W</sup> and SE <sup>W</sup> winds, strong; dull, rainy.
10 IRELAND SOUTH	D <sup>W</sup> -----D <sup>W</sup> -----D <sup>W</sup>
WARNINGS	None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

18<sup>th</sup> JUNE

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sun. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from a.m. yesterday.	Dry.	Wet.	Difference from a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.01	60	2	0	c	29.99	-0.02	57	46	-1	N.E.	2	0	*	64	45	-		
Hernösand	30.04	53	2	0	b	30.04	+0.04	59	52	-1	2	0	bc	*	70	36	-		
Stockholm	30.01	57	SW	2	c	30.01	-0.04	63	50	+5	2	0	6	*	77	41	-		
Wisby	29.97	45	N.W.	2	b	29.95	-0.02	54	43	+9	N.W.	4	6	*	?	32	-		
Bodö	30.10	49	?	2	c	30.07	-0.03	44	42	-2	SW	2	0	1	52	43	-		
Christiansund	30.09	52	N.W.	2	b	30.10	-0.04	46	44	-1	N.E.	3	2	2	52	37	-		
†Skudesnaes	30.12	47	N.W.	2	b	30.04	-0.08	51	49	-3	N.W.	2	2	2	59	46	-		
Oslo (Christiansund)	30.07	52	SW	4	b	30.04	-0.03	59	57	+2	2	0	6	1	53	50	-		
Skagen (The Skaw)	30.06	58	N.W.	1	b	30.04	-0.02	60	55	+5	N	2	6	0	72	52	-		
Fanö	30.08	53	N.W.	2	b	30.06	-0.02	66	59	+7	S.E.	2	6	*	66	50	-		
Cuxhaven	30.06	?	N.E.	2	b	30.04	-0.02	62	57	+5	2	2	6	*	64	54	-		
†Sumburgh Head																			
†Stornoway	29.82	55	SE	6	0	29.75	-0.07	53	53	+1	E.N.E.	5	2	5	55	50	0.15		
Wick	29.98	48	SE	3	0	29.89	-0.09	51	50	+1	E.S.E.	4	0	4	52	48	0.05		
Nairn	29.88	55	SE	2	0	29.79	-0.09	59	54	+5	SE	2	0	2	61	52	-		
†Aberdeen	29.95	51	E.S.E.	2	0	29.87	-0.08	50	50	+1	S.E.	3	2	2	51	47	0.56		
Leith	29.84	54	S	2	0	29.78	-0.06	62	60	+2	S	1	0	*	64	50	0.11		
†Shields	29.85	53	SE	4	0	29.81	-0.04	56	56	+5	SE	4	2	3	56	50	0.16		
Spurn Head	29.98	58	E.S.E.	4	m	29.85	-0.13	58	57	+1	2	4	0	4	61	55	0.08		
York	29.85	66	S.E.	2	0	29.83	-0.02	60	59	+1	3	2	0	*	68	57	0.11		
Nottingham	29.87	63	S	3	0	29.84	-0.03	65	62	+3	S.E.	4	0	2	70	55	0.11		
†Ardrossan	29.75	63	E.S.E.	1	opf	29.67	-0.08	62	58	+4	E.S.E.	3	opf	2	62	55	0.16		
†Mullaghmore	29.62	51	SE	3	0	29.43	-0.19	57	55	+2	SE	6	opu	5	62	54	0.26		
Donaghadee	29.65	53	S	4	h	29.64	-0.01	54	54	+2	S	5	2	3	56	52	0.16		
Parsonstown	29.59	61	SE	2	0	29.48	-0.11	57	55	+2	SE	3	h	*	65	55	0.10		
Barrow-in-Furness	29.76	60	E.S.E.	4	0	29.72	-0.04	60	58	+2	E.S.E.	4	h	4	63	54	0.13		
†Holyhead	29.71	59	E.S.E.	3	m	29.66	-0.05	60	58	+2	S.E.	3	0	4	61	56	0.28		
Liverpool (Birkenhead)	29.74	62	SE	3	0	29.71	-0.03	61	59	+2	S.E.	4	0	1	64	59	0.07		
†Valentia	29.46	56	E	4	opf	29.31	-0.15	56	54	+2	SE	7	0	6	58	52	0.49		
Roche's Point	29.53	57	E.S.E.	5	h	29.44	-0.09	58	56	+2	S	6	2	5	61	53	0.62		
Pembroke	29.66	55	E.S.E.	4	0	29.62	-0.04	55	54	+1	S.E.	5	0	4	57	52	0.20		
†Scilly	29.62	58	S	6	h	29.61	-0.01	57	56	+1	S.W.	6	opf	6	61	54	0.04		
Prawle Point	29.60	55	S.E.	4	0	29.77	+0.17	55	55	0	S.E.	4	0	5	57	53	0.20		
Hurst Castle	29.82	59	SW	4	0	29.86	+0.04	59	57	-2	SW	5	0	3	65	56	0.13		
†Dover	29.96	62	2	0	bc	29.91	-0.05	59	58	+1	SW	1	0	0	64	58	0.43		
†London	29.92	63	SE	4	opf	29.90	-0.02	59	58	-1	S.E.	2	0	*	71	58	0.08		
Oxford	29.87	62	SE	2	0	29.84	-0.03	60	58	-2	S.W.	1	opf	*	68	59	0.03		
Cambridge	29.90	67	S	1	0	29.86	-0.04	61	61	0	S	1	0	*	70	57	0.21		
†Yarmouth	29.95	59	S.E.	3	bc	29.90	-0.05	58	57	-1	S.E.	2	h	2	61	55	0.35		
The Helder	30.00	65	E	1	0	29.95	-0.05	64	60	+4	SE	1	0	1	66	59	-		
Cape Gris Nez	30.02	66	?	4	b	29.91	-0.11	63	62	-1	S	1	h	0	75	59	0.12		
†Jersey	29.91	62	SW	3	opf	29.89	-0.02	58	58	0	S	2	opf	3	65	55	0.10		
Brest	29.82	59	S.W.	7	m	29.78	-0.04	59	57	-2	S.W.	7	m	5	59	55	0.28		
Lorient	29.89	63	S.W.	6	0	29.85	-0.04	61	60	-1	S	2	opf	4	66	59	-		
†Rochefort	29.97	67	N.W.	5	0	29.89	-0.08	62	63	+1	E	4	0	2	74	57	-		
Biarritz	29.96	69	N.W.	1	0	29.90	-0.06	68	61	+7	S.W.	5	0	3	72	59	-		
Corunna	*	*	*	*	*									*	*	*	*		
Brussels	*	*	*	*	*	29.91	-0.08	70	64	+6	2	0	0	*	77	61	-		
Charleville	29.97	74	N.W.	1	0	30.00	+0.03	70	63	-7	N.W.	1	0	*	75	64	-		
Paris	30.00	72	2	0	bc	29.92	-0.08	66	63	-3	2	0	h	*	*	*	0.04		
Lyons	29.98	77	2	1	bc	29.99	+0.01	67	61	+6	2	1	opf	*	83	59	-		
Toulon	30.05	69	2	1	b	30.08	+0.03	59	59	0	E.N.E.	4	h	2	75	55	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.61	59	S	3	0	28.56	-0.05	57	56	+1	S.E.	4	2	*	61	52	0.06		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	30.12	59	54	N.W.	4	6	Valentia	29.56	55	53	SE	5	200
Sumburgh Head							Scilly	29.66	58	58	S	4	0
Stornoway	29.82	54	54	E.S.E.	6	7	Dover	29.98	61	59	S	1	60
Aberdeen	29.99	50	49	E.S.E.	4	0	London	29.93	70	66	S.E.	3	0
Shields	29.87	53	52	S.E.	4	0	Yarmouth	29.95	61	58	S.E.	3	60
Ardrossan	29.76	59	57	E.S.E.	3	0	Jersey	29.93	62	60	S	3	0
Mullaghmore	29.65	61	54	S.E.	4	0	Rochefort	29.96	84	72	N.W.	1	0
Holyhead	29.76	60	57	N.W.	2	0							

Pressure is changing little and irregularly, a well formed but not deep depression is approaching the mouth of the Channel from the W., accompanied by rain and a rather rough sea.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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 19<sup>th</sup> JUNE.

1881.

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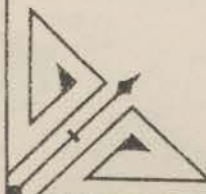
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METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

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

1881.

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

© = dead calm.

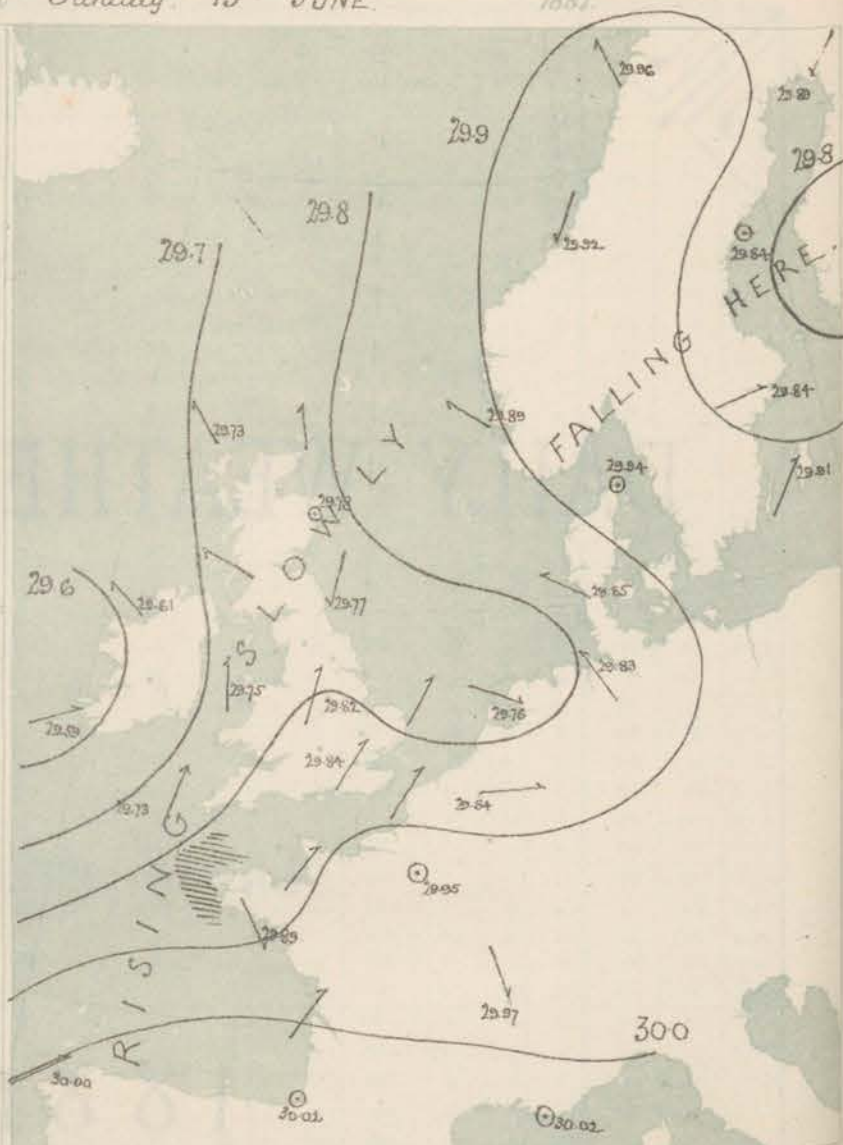
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

## MEAN\* HEIGHT of the BAROMETER

for the month of June

Stations.	Mean Readings.
Nairn	29.934
Aberdeen	29.939
Leith	29.969
Scarborough	30.007
Ardrossan	29.982
Greenock	29.983
Holyhead	30.013
Valentia	30.041
Roches Pt.	30.033
Plymouth	30.060
LONDON	30.040
Yarmouth	30.072

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



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

### Explanation of Map.

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

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

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

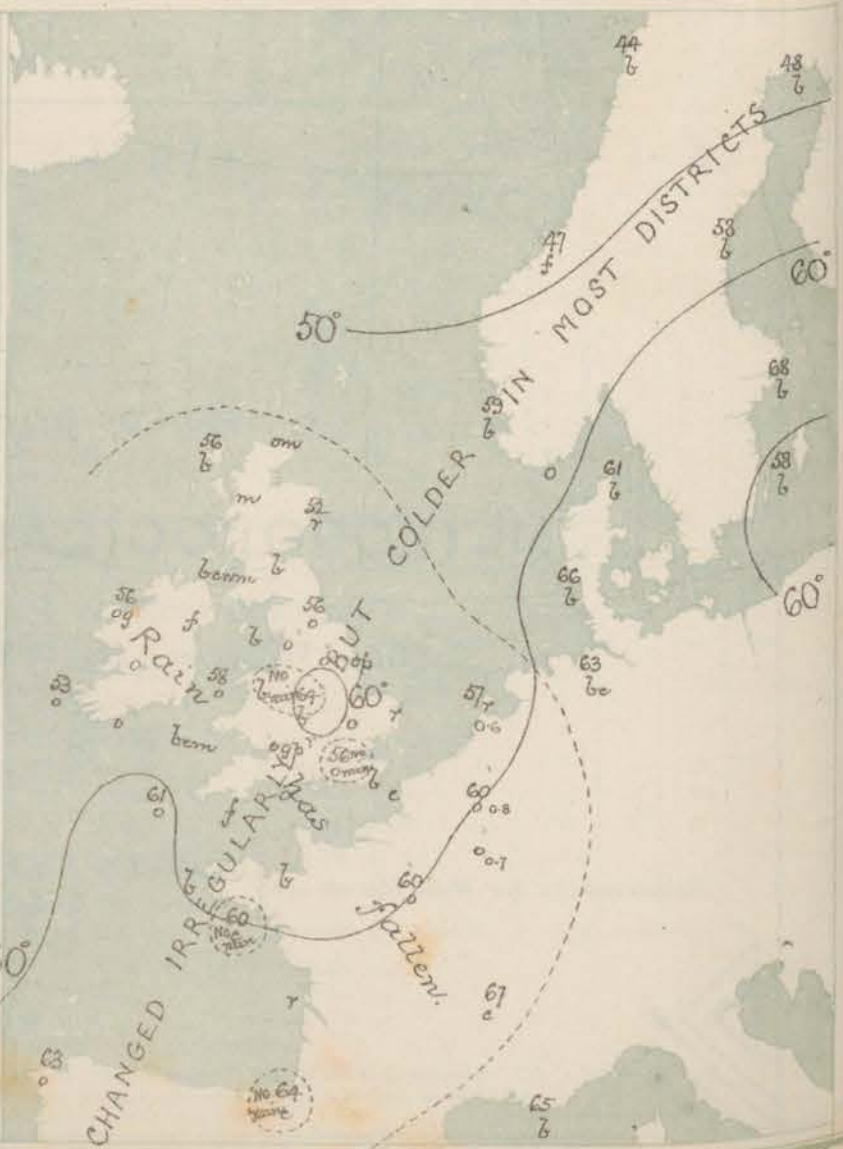
Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of June

Stations	Temp	Rain-fall
Sunderland Head	61.4	1.15
Sterness	61.4	3.06
Aberdeen	58.3	1.62
Shields	58.0	1.68
York	58.5	2.39
Mullionjore	58.1	7
Holyhead	58.8	1.61
Parsonstown	58.0	2.04
Valentia	58.8	2.85
Sally (St. Mary's)	60.2	2.27
Burgh Castle	60.0	7
Dover	60.7	1.76
LONDON	61.2	2.17
Yarmouth	60.3	2.27

\* 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> June 1887 at 8 a.m.

Rather unsettled weather still prevails over us. A shallow disturbance lies off the west coast of Ireland and is apparently travelling slowly northward, while a second disturbance which was crossing France yesterday is now shown over the North Sea. The mercury is rising in most parts of these Islands, but falling to the eastward of the North Sea. The sky is generally cloudy or dull with rain in several places and variable SW<sup>ly</sup> to SE<sup>ly</sup> winds of moderate strength prevail. Temperature has changed irregularly and readings range from 61° at Scilly and 64° at Nottingham to 50° at Wick. The sea is moderate to slight all round our coast.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

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

### DISTRICTS

1 SCOTLAND NORTH

2 SCOTLAND EAST

3 ENGLAND N.E.

4 ENGLAND EAST

5 MIDLAND COUNTIES

6 ENGLAND SOUTH

### FORECASTS

NONE ISSUED

### DISTRICTS

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

### WARNINGS

### FORECASTS

NONE ISSUED



# METEOROLOGICAL OBSERVATIONS FOR

19<sup>th</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.93	51	NE	2	o	29.89	-10	48	38	-10	9	NE	4	b	*	64	?	-	
Hernösand ...	29.84	63	Z	0	b	29.84	-20	58	50	-18	1	Z	0	b	*	73	41	-	
Stockholm ...	29.93	55	SW	2	b	29.84	-17	68	58	-10	5	WSW	2	b	*	73	46	-	
Wisby ...	29.95	50	N	2	b	29.91	-4	58	49	-9	4	WSW	4	b	*	59	32	-	
Bodö ...	30.04	45	N	2	b	29.96	-11	44	40	-4	0	SE	4	b	2	57	41	-	
Christiansund...	30.00	50	NNE	4	b	29.92	-18	47	40	-7	1	NNE	3	f	2	56	37	-	
†Skudesnaes ...	30.00	49	W	2	f	29.89	-15	59	54	-5	8	ESE	4	b	2	?	48	-	
Oxö (Xtiansund)...	29.99	58	WSW	2	bc	29.93	-11	59	57	-2	0	Z	0	o	0	61	52	-	
Skagen (The Skaw)	29.99	59	Z	0	b	29.94	-10	61	57	-4	1	Z	0	b	0	75	52	-	
Fanö ...	29.96	60	E	4	b	29.85	-21	64	59	-5	0	ESE	4	b	*	70	50	-	
Cuxhaven ...	29.93	?	E	3	c	? 29.83	-21	63	57	-6	1	SE	3	c	*	60	55	-	
†Sumburgh Head																			
†Stornoway ...	29.64	56	ESE	5	r	29.73	-12	54	52	-2	3	SSE	3	b	2	62	46	0.02	
Wick ...	29.81	50	SE	2	o	29.77	-12	53	50	-3	1	S	1	cm	2	56	48	0.07	
Nairn ...	29.70	?	ESE	2	c	29.76	-13	52	52	0	7	Z	0	m	1	68	40	-	
†Aberdeen ...	29.78	51	SE	1	m	29.78	-10	52	52	0	2	ESE	1	r	2	53	49	0.24	
Leith ...	29.69	60	SW	1	c	29.77	-11	54	55	1	4	ENE	1	b	*	67	48	0.08	
†Shields ...	29.76	58	SE	2	r	29.77	-10	56	56	0	0	NNE	1	c	2	60	52	0.20	
Spurn Head ...	29.80	60	SSE	4	o	29.77	-13	57	57	0	1	WSW	3	op	3	64	56	0.33	
York ...	29.77	60	S	1	r	29.77	-13	59	55	-4	1	NW	1	o	*	71	54	0.22	
Nottingham ...	29.50	65	S	3	bc	29.50	-13	64	59	-5	1	SW	3	b	*	76	50	-	
†Ardrossan ...	29.64	60	SSE	3	c	29.74	-10	59	55	-4	3	ESE	2	bc	1	61	51	0.36	
†Mullaghmore ...	29.42	60	SSW	6	cp	29.61	-19	58	54	-4	1	ESE	4	cp	0	62	52	0.23	
Donaghadee ...	29.62	56	S	6	bc	29.74	-12	53	53	0	1	SSE	4	f	2	58	50	0.02	
Parsonstown ...	29.56	62	S	2	bc	29.64	-8	58	54	-4	1	SE	1	o	*	64	51	0.17	
Barrow-in-Furness	29.72	60	SW	3	bc	29.70	-12	57	55	-2	2	E	3	b	3	66	51	0.02	
†Holyhead ...	29.71	61	S	4	b	29.75	-4	58	56	-2	2	S	3	o	2	63	52	0.04	
Liverpool (Bidston)	29.71	67	SSW	3	b	29.77	-6	61	55	-6	0	ESE	1	b	1	68	51	-	
†Valentia ...	29.56	57	SSW	7	cm	29.59	-3	53	52	-1	3	WSW	1	o	2	61	52	0.22	
Roche's Point ...	29.63	58	SW	5	bc	29.65	-2	58	56	-2	0	S	5	o	4	62	54	0.08	
Pembroke ...	29.70	56	SW	5	b	29.71	-1	54	53	-1	1	S	4	bc	3	58	53	-	
†Scilly ...	29.76	60	SW	5	bc	29.78	-2	61	59	-2	4	SSW	5	o	4	65	55	0.02	
Praske Point ...	29.81	57	SSW	3	c	29.81	0	54	54	0	1	SSW	3	f	4	58	53	0.13	
Hurst Castle ...	29.84	56	WSW	3	cm	? 29.86	-2	55	55	0	4	W	3	cm	2	62	52	0.32	
†Dover ...	29.87	59	Z	0	op	29.83	-4	60	57	-3	1	SW	2	b	1	60	56	0.20	
†London ...	29.83	62	SW	2	o	29.84	-1	56	54	-2	3	SW	2	o	*	66	53	-	
Oxford ...	29.82	58	S	3	og	29.83	-1	55	53	-2	5	W	2	ugp	*	67	52	0.16	
Cambridge ...	29.82	64	S	1	o	29.80	-2	59	57	-2	2	W	1	o	*	64	54	0.03	
†Yarmouth ...	29.86	58	SSE	1	cp	29.79	-7	58	57	-1	0	SW	1	r	1	63	55	0.43	
The Helder ...	29.86	60	WNW	3	r	29.76	-10	57	56	-1	7	WNW	3	r	2	73	57	0.63	
Cape Gris Nez	29.86	59	E	1	r	29.87	-1	55	55	0	8	WSW	3	c	3	64	54	0.32	
†Jersey ...	29.87	61	WNW	2	bc	29.90	-3	57	56	-1	1	SW	2	b	2	62	53	0.36	
Brest ...	29.88	59	WSW	3	b	29.86	-2	58	57	-1	1	SW	5	b	5	61	55	0.12	
Lorient ...	29.88	63	WSW	3	b	29.89	-1	60	58	-2	1	SW	4	c	4	68	55	-	
†Rochefort ...	29.94	66	NW	4	o	29.99	-5	62	59	-3	1	SW	4	Z	2	77	57	0.08	
Biarritz ...	29.95	68	NNE	5	c	30.02	-7	64	63	-1	4	SE	1	c	4	79	57	-	
Coronna ...	•	•	•	•	•	30.00	0	63	•	•	•	SW	1	o	1	*	*	*	
Brussels ...	•	•	•	•	•	29.84	-16	•	58	•	•	W	2	o	*	79	58	0.83	
Charleville ...	29.90	73	SW	4	r	29.88	-2	63	60	-3	07	W	1	o	*	?	34	0.71	
Paris ...	29.93	62	ENE	4	r	29.95	-2	60	57	-3	06	Z	0	o	*	*	*	0.28	
Lyons ...	29.89	72	SSE	8	bc	29.97	-8	67	61	-6	0	NNW	1	c	*	77	57	0.32	
Toulon ...	30.06	64	SE	1	b	30.02	-4	65	59	-6	6	E	1	b	1	72	59	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.52	61	SSE	3	o	28.56	-4	53	50	-3	4	W	1	o	*	65	49	0.06	

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

	Bar.	Dry.	Wet.	Wind.	Wav.	Sea.		Bar.	Dry.	Wet.	Wind.	Wav.	Sea.		
Skudesnaes ...	30.02	55	51	WSW	4	f	2	Valentia ...	29.46	60	55	SW	7	cp	6
Sumburgh Head								Scilly ...	29.7	65	60	SW	5	bc	5
Stornoway ...	29.69	59	58	E	5	bc	5	Dover ..	29.90	58	57	E	1	op	0
Aberdeen ...	29.72	57	50	SE	4	r	5	London ...	29.86	64	63	SW	3	o	•
Shields ...	29.76	55	55	SSE	3	r	3	Yarmouth ...	29.90	59	58	SSE	1	r	2
Ardrossan ...	29.64	56	55	SSE	2	o	4	Jersey ...	29.87	60	59	SSE	3	o	3
Mullaghmore ...	29.40	59	57	SE	6	opg	5	Rochefort ...	29.89	66	66	WNW	4	o	4
Holyhead ...	29.65	61	59	S	4	c	3								

The depression off the W coast of Ireland is now moving a little N<sup>W</sup> and the mercury is rising in the SW, where also the winds is veering and the weather inclined to improve. On our NE coast SE winds and rain prevail.

## EXPLANATION OF COLUMNS.

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



# DAILY WEATHER REPORT

FOR

MONDAY, 20<sup>TH</sup> JUNE.

1881.

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METEOROLOGICAL OFFICE

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S. W.

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ROBERT H. SCOTT  
(SECRETARY.)

Printed by Dangerfield, Lith. 22, Bedford St. Covent Garden.



# WEATHER CHARTS

for 8 a.m. on Monday 20<sup>th</sup> JUNE. 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

→ force above 10; →→ forces 8 to 10

→→→ forces 5 to 7; →→→ forces 1 to 4

⊙ - dead calm.

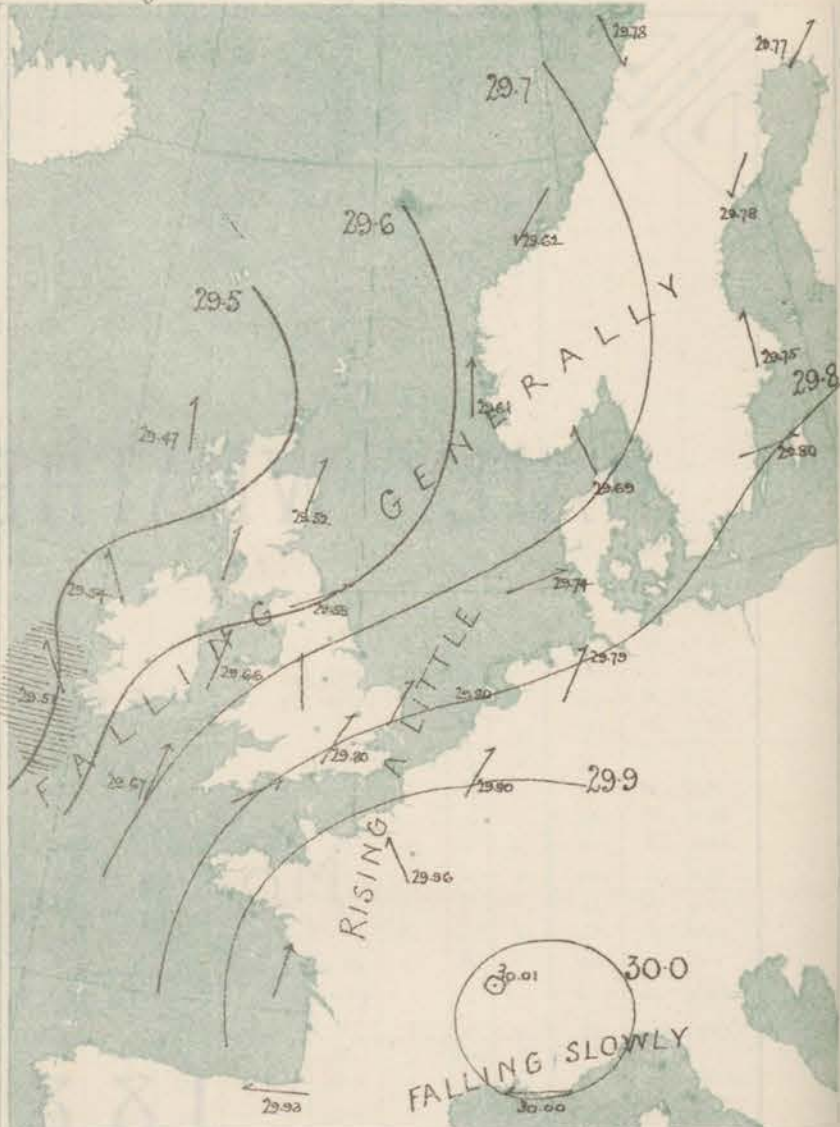
Sea Disturbance, where considerable is shown by shading round the coast; thus: - Rough, - High.

## MEAN\* HEIGHT of the BAROMETER

for the month of June.

Stations.	Mean Readings
Nairn	29.934
Aburdeen	29.910
Leith	29.900
Scarborough	29.892
Ardrossan	29.887
Greenock	29.885
Holyhead	29.873
Valencia	29.843
Roche's Pt.	29.838
Plymouth	29.860
LONDON	29.840
Yarmouth	29.827

\* 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.

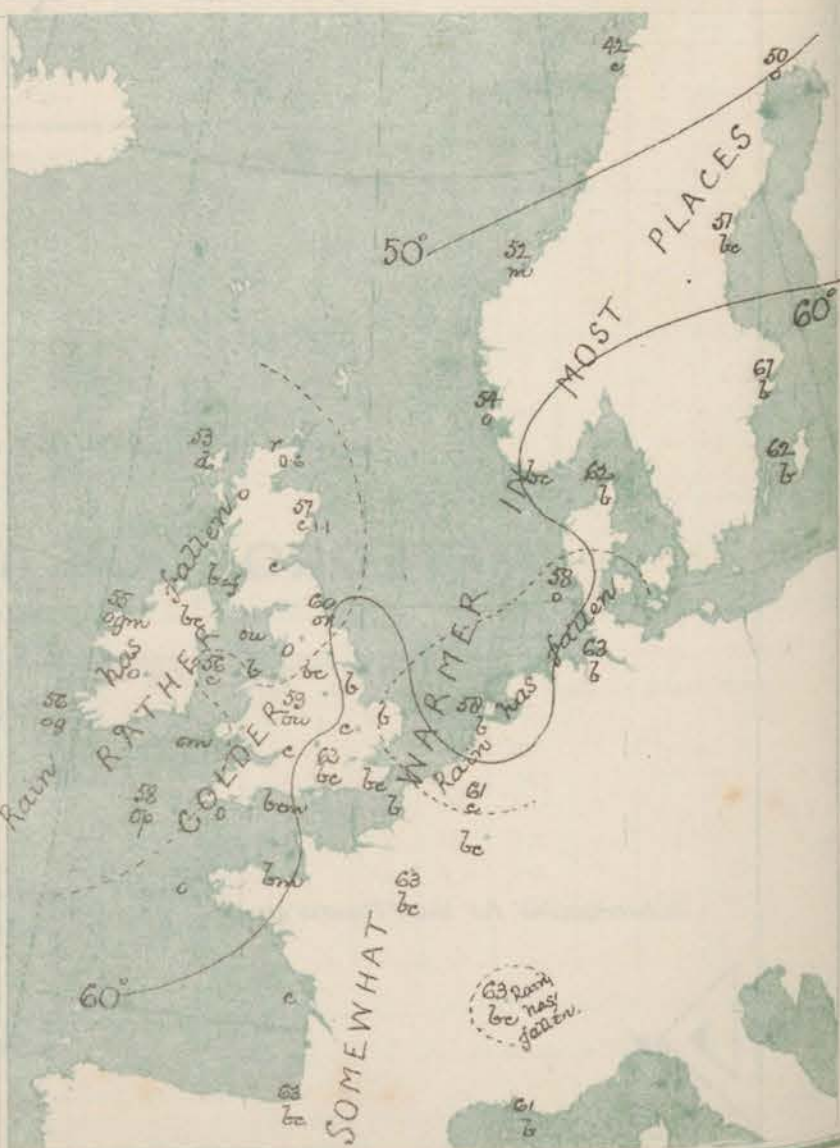
Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of June

Stations	Temp.	Rain Fall
Sunderland Head	51.8	1.13
Stornoway	53.4	1.00
Aberdeen	56.3	1.62
Shields	58.0	1.53
York	58.8	1.39
Maltingham	58.1	1.00
Holyhead	58.8	1.63
Greenock	58.0	1.02
Valencia	58.8	2.97
Sally (St Mary's)	60.2	2.25
Ilfracombe	59.0	1.00
Dover	59.7	1.76
LONDON	61.2	2.17
Yarmouth	59.3	2.33

\* 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> June 1881 at 8 a.m.

A slight increase of pressure is reported this morning over the SE. of England and NE. of France, but in all other places the mercury is falling. An anticyclone lies over France, while the lowest pressures are reported from the north of Scotland, but a fresh disturbance is approaching the SW. coast of Ireland. This depression has occasioned a SSE wind at Valencia, but in nearly all other places S<sup>2</sup> and SW<sup>2</sup> breezes are reported; they are light or moderate in force on all coasts. The weather is fine in the E and NE. of France, and the SE. and E. of England, but is cloudy or dull elsewhere, with rain at Scilly, and in the N. of Scotland. Rain has fallen except in the S. of England, the amount at Aberdeen exceeding an inch. Temperature has fallen at most of the W. and Central stations, risen in most other places, and readings range from 63° in London to 52° at Anderson. Maxima were between 70° and 74° over Central England. The sea is moderate to slight except at Valencia.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

21<sup>st</sup> JUNE.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND  
NORTH

S<sup>2</sup> breezes, light and moderate,  
dull, close, some rain.

2 SCOTLAND  
EAST

-----D°-----D°-----D°-----

3 ENGLAND  
N.E.

SW<sup>2</sup> breezes, light to moderate; fine  
to dull and slight rain.

4 ENGLAND  
EAST

-----D°-----D°-----D°-----

5 MIDLAND  
COUNTIES

S<sup>2</sup> breezes, moderate; dull, some rain

6 ENGLAND  
SOUTH

S<sup>2</sup> and SW<sup>2</sup> breezes, moderate and  
fresh; fine to dull and some rain.

### DISTRICTS

### FORECASTS

7 SCOTLAND  
WEST

S<sup>2</sup> and SW<sup>2</sup> winds, moderate; dull,  
some rain.

8 ENGLAND  
N.W.

S<sup>2</sup> and SW<sup>2</sup> winds, moderate and  
fresh; some showers.

9 ENGLAND  
S.W.

-----D°-----D°-----D°-----

10 IRELAND  
NORTH

SE<sup>2</sup> and SW<sup>2</sup> breezes, moderate and  
fresh; dull, some rain.

11 IRELAND  
SOUTH

-----D°-----D°-----D°-----

### WARNINGS

None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

20<sup>TH</sup> JUNE

1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 2).	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 ...	29.84	48	SW	2	b c	29.77	- 12	50	45	+ 2	SW	2	0	*	?	43	-		
Hernösand ...	29.85	46	z	0	b	29.78	- 06	51	47	- 7	NE	2	60	*	63	36	-		
Stockholm ...	29.79	53	SE	4	c	29.75	- 09	67	58	- 1	S	2	6	*	79	50	-		
Wisby ...	29.84	54	S	4	b c	29.80	- 11	62	53	+ 4	WSW	4	0	*	70	36	-		
Bodö ...	29.88	44	N	2	b c	29.78	- 18	42	39	- 2	N	2	0	1	48	41	-		
Christiansund ...	29.77	51	NE	4	b c	29.62	- 30	52	49	+ 5	NE	3	m	2	59	39	-		
†Skudesnaes ...	29.73	62	NNE	2	c	29.61	- 28	54	53	- 5	S	6	0	4	70	?	-		
Oxö (Xiansund) ...	29.78	61	E	2	z	29.67	- 26	64	60	+ 5	E	2	b c	1	64	57	-		
Skagen (The Skaw)	29.77	60	z	0	b	29.69	- 25	62	58	+ 1	SSE	3	6	1	75	54	-		
Fanö ...	29.71	55	SW	1	b c	29.74	- 11	68	66	- 8	WSW	4	0	*	73	54	0.04		
Cuxhaven ...	29.68	67	W	3	z	29.79	- 14	63	59	0	SW	3	6	*	70	52	0.07		
†Sumburgh Head																			
†Stornoway ...	29.66	58	E	3	m	29.47	- 26	53	53	- 3	S	3	d	2	63	50	0.12		
Wick ...	29.66	51	E NE	1	d	29.46	- 31	53	53	+ 3	W	1	z	2	53	40	0.60		
Nairn ...	29.65	50	z	0	z	29.49	- 24	55	53	+ 3	z	0	0	0	60	62	0.20		
†Aberdeen ...	29.68	53	z	0	z	29.62	- 26	57	55	+ 5	SSW	1	c	1	58	49	1.10		
Leith ...	29.62	57	E	1	c	29.55	- 22	59	58	0	SW	1	c	*	64	50	0.02		
†Shields ...	29.67	54	NE	1	o	29.59	- 18	60	55	+ 4	WSW	3	m	2	60	50	0.03		
Spurn Head ...	29.69	57	E	2	b c	29.71	- 06	60	57	+ 3	SW	4	6	3	64	54	-		
York ...	29.68	66	S	1	b	29.67	- 11	59	54	0	SW	2	b c	*	70	51	-		
Nottingham ...	29.73	64	S	4	b c	29.74	- 08	59	56	- 5	S	4	0	*	74	49	-		
†Ardrossan ...	29.64	60	z	0	b c	29.56	- 18	52	51	- 7	SSW	3	b c	2	64	50	0.05		
†Mullaghmore ...	29.58	54	WSW	3	o q	29.54	- 07	55	52	- 1	SSE	3	o q	2	60	51	0.14		
Donaghadee ...	29.63	54	SW	4	b c	29.59	- 15	57	55	+ 4	W	3	b c	1	58	48	-		
Parsonstown ...	29.60	62	SE	1	b c	29.57	- 04	54	52	- 4	S	1	0	*	63	45	0.24		
Barrow-in-Furness	29.66	64	NW	2	b	29.60	- 16	54	52	- 3	SSW	4	0	3	68	52	0.31		
†Holyhead ...	29.68	63	SSW	3	c	29.66	- 09	56	54	- 2	SSW	3	c	2	66	52	-		
Liverpool (Bidston)	29.67	58	W	1	o	29.66	- 11	59	52	- 2	SW	3	6	2	69	52	0.17		
†Valentia ...	29.64	58	WSW	3	c	29.51	- 08	56	54	+ 3	SSE	4	o q	5	60	53	0.07		
Roche's Point ...	29.66	59	WSW	4	b c	29.59	- 06	56	55	- 2	SSW	5	0	4	63	50	0.12		
Pembroke ...	29.66	59	SSW	4	b c	29.65	- 06	56	55	+ 2	S	3	o m	2	58	53	0.03		
†Scilly ...	29.73	61	SW	5	b c	29.67	- 06	58	57	- 3	SSW	5	o p	4	65	54	0.09		
Prawle Point ...	29.78	56	SW	4	c	29.78	- 03	54	54	0	SSW	3	0	3	59	53	-		
Hurst Castle ...	29.81	59	WSW	4	b	29.82	- 04	57	56	+ 2	WSW	5	b c	3	63	54	-		
†Dover ...	29.81	57	SW	4	b	29.85	+ 02	59	58	- 1	WSW	4	b c	1	61	55	-		
†London ...	29.79	66	SSW	3	c	29.80	- 04	62	57	+ 7	SW	4	b c	*	70	54	-		
Oxford ...	29.76	59	SSW	2	b	29.76	- 07	59	56	+ 4	SSW	4	c	*	67	54	-		
Cambridge ...	29.74	65	WSW	1	c	29.76	- 04	60	57	+ 1	SW	1	c	*	70	51	-		
†Yarmouth ...	29.73	68	WSW	1	b	29.77	- 02	61	57	+ 3	SW	3	6	1	68	52	0.01		
The Helder ...	29.77	58	SW	1	b c	29.80	+ 04	58	56	+ 1	SW	2	6	2	63	57	0.20		
Cape Gris Nez	29.84	58	WSW	4	b c	29.85	- 02	58	58	+ 3	SSW	4	6	3	64	55	-		
†Jersey ...	29.89	58	WSW	1	c	29.88	- 02	59	57	+ 2	SW	3	b m	2	63	54	0.10		
Brest ...	29.89	59	SW	4	o	29.82	- 04	58	57	0	SSW	5	0	4	63	57	-		
Lorient ...	?	?	W	3	b	?	?	60	58	0	NE	4	c	2	66	54	-		
†Rochefort ...	30.00	65	W	7	o	29.93	- 01	63	60	+ 1	S	3	c	2	68	57	-		
Biarritz ...	30.02	67	N	5	c	29.93	- 09	63	59	- 1	E	4	b c	3	73	56	-		
Corunna ...	*	*	*	*	*			*	*						*	*	*		
Brussels ...	*	*	*	*	*	29.90	+ 06	61	58	+ 1	SW	3	c	*	68	58	0.16		
Charleville ...	29.89	61	SW	1	o	29.92	+ 04	62	56	- 1	SW	1	b c	*	68	59	-		
Paris ...	29.92	70	z	0	o	29.96	+ 01	63	58	+ 3	SSE	1	b c	*	*	*	-		
Lyons ...	29.97	68	E NE	1	c	30.01	+ 04	63	61	- 4	N	1	b c	*	76	59	0.08		
Toulon ...	30.02	70	SW	1	b	30.00	- 02	61	60	- 4	E	4	6	2	73	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.47	58	WSW	2	o	28.41	- 15	50	50	- 3	SW	4	0	*	62	48	0.37		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.83	69	57	W	2	6	Valentia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						*
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	29.99	67	62	WSW	7	0
Holyhead													

## EXPLANATION OF COLUMNS.

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



# DAILY WEATHER REPORT

FOR

TUESDAY, 21<sup>ST</sup> JUNE.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are {  
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ROBERT H. SCOTT

(SECRETARY.)

Fred<sup>d</sup> Dangerfield, Lich. 22, Bedford St. Towne Garden.



# WEATHER CHARTS

for 8 a.m. on Tuesday 21<sup>st</sup> June 1881

## BAROMETER, WIND & SEA.

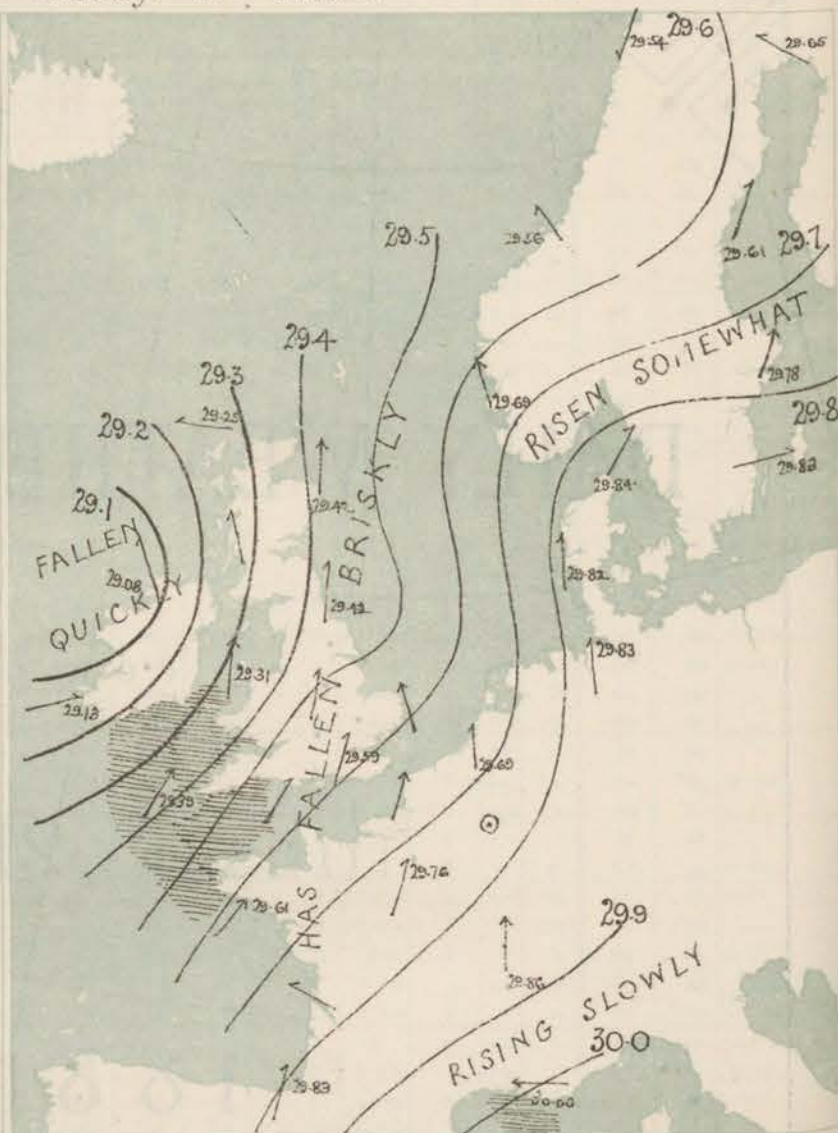
### Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.  
Changes in height of barometer since previous morning are stated in words.  
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
→ forces above 10; →→ forces 6 to 10  
→→ forces 5 to 7; →→ forces 1 to 4;  
○ = dead calm.  
Sea Disturbance, where considerable, is shown by shading round the coast; thus - Rough / - High

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

Stations.	Mean Readings
Nairn	29.972
Aberdeen	29.959
Leith	29.969
Scarborough	30.007
Ardrossan	29.982
Greenacres	29.965
Holyhead	30.013
Valentia	30.041
Roche's Pt.	30.031
Plymouth	30.060
LONDON	30.040
Yarmouth	30.027

\* 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.

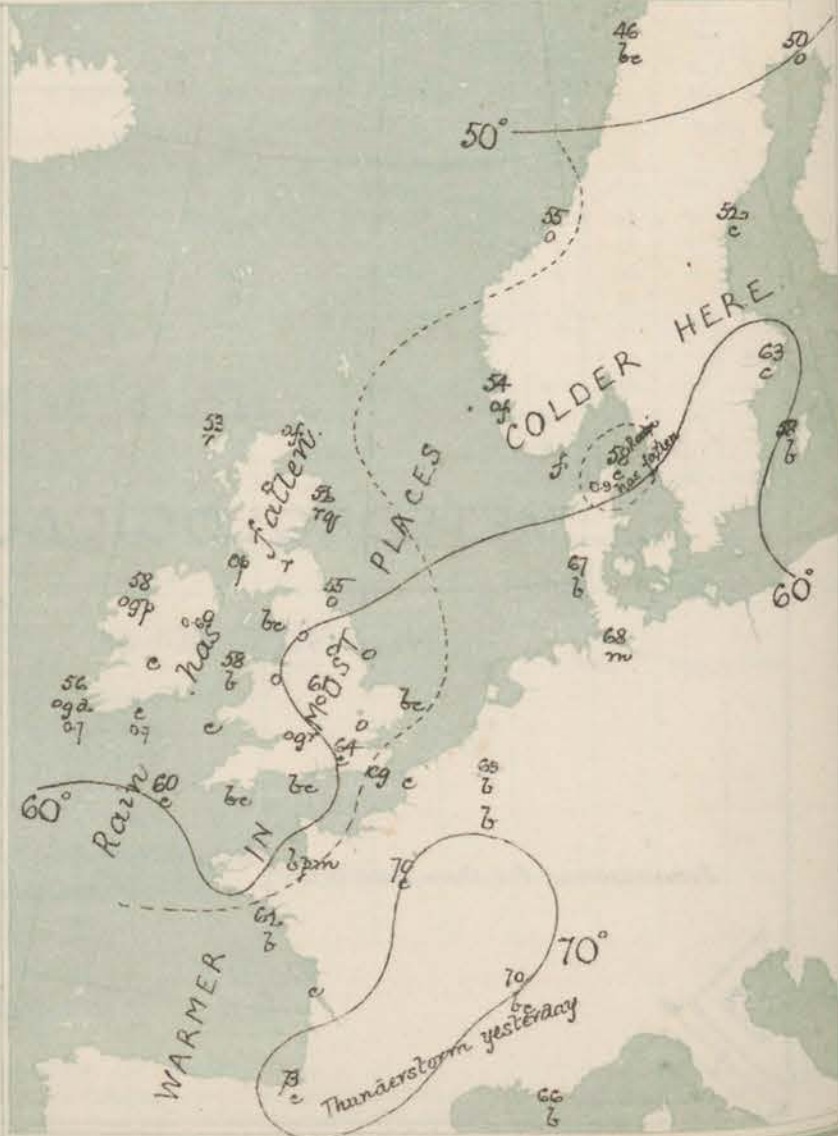
### Explanation of Map.

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 June

Stations	Temp.	Rain-fall
Edinburgh Head	51.4	1.15
Stornoway	53.4	3.09
Aberdeen	56.3	1.62
Stirling	58.0	1.66
Leith	58.6	2.39
Greenacres	58.7	7
Holyhead	58.8	1.61
Parsonstown	58.9	2.01
Valentia	58.8	2.85
Sally (St Mary's)	60.1	2.23
Thurst Castle	59.9	7
Dover	59.7	1.76
LONDON	61.2	2.17
Yarmouth	59.3	2.23

\* The mean Temperatures are those for the 12 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for Tuesday 21<sup>st</sup> JUNE 1881 at 8 a.m.

The depression which was advancing to the south-west coast of Ireland yesterday has passed very slowly N<sup>wd</sup> during the night, and is shown this morning off Mullaghmore, where the barometer has fallen nearly half an inch to 29.08 inch. In the south of Norway and also in the SW. of France the mercury is rising, and gradients are rather steep all over the British Islands. The wind is moderate to strong from the S<sup>wd</sup> (SW-SE) on nearly all our coasts, as well as over France and the eastern shores of the North Sea. The weather is unsettled and cloudy or dull in nearly all places with rain at several stations. During the past 24 hours rain has fallen generally the amount in Ireland being rather large. Temperature has not changed much and readings range from 64° in London to 52° at Aberdeen. The maxima yesterday were 68° at Cambridge and in London, 69° at Spurn Head and York and 71° at Nottingham. Sea is rough in the south-west, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

22<sup>nd</sup> JUNE

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

SE<sup>ly</sup> and S<sup>ly</sup> winds, moderate and fresh; dull, rain.

2 SCOTLAND EAST

S<sup>ly</sup> winds, strong, perhaps a slight gale; showery to fair.

3 ENGLAND N.E.

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

4 ENGLAND EAST

SW<sup>ly</sup> breezes, moderate and fresh; dull and showery to fair.

5 MIDLAND COUNTIES

S<sup>ly</sup> and SW<sup>ly</sup> winds, moderate and fresh; dull, close, and showery then finer.

6 ENGLAND SOUTH

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

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST

SSE<sup>ly</sup> winds, moderate; dull, showery.

7 ENGLAND N.W.

S<sup>ly</sup> and SW<sup>ly</sup> winds, fresh and strong; cloudy and showery then fine.

8 ENGLAND S.W.

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

9 IRELAND NORTH

SE<sup>ly</sup> to SW<sup>ly</sup> winds, moderate and fresh; showery, dull.

10 IRELAND SOUTH

SW<sup>ly</sup> winds, moderate and fresh, cloudy and showery, then fair.

### WARNINGS

None Issued



# METEOROLOGICAL OBSERVATIONS FOR

21<sup>st</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.72	47	S	2	0	29.65	-1.2	50	46	0	SE	2	0	*	54	43	-		
Hernösand	29.68	47	S	0	0	29.61	-1.7	52	49	+1	SSW	2	0	*	61	36	-		
Stockholm	29.70	57	SW	2	6	29.78	+0.3	63	55	-4	SW	6	0	*	75	48	-		
Wisby	29.78	57	SW	6	0	29.83	+0.3	58	54	-4	W	4	6	*	75	41	-		
Bodö	29.66	43	N	2	6	29.54	-1.24	46	42	+4	NNE	4	6	*	46	41	-		
Christiansund	29.56	52	W	4	0	29.56	-0.6	55	53	+3	SE	1	0	1	63	41	0.28		
†Skadesnaes	29.66	52	SSW	5	0	29.69	+0.8	54	52	0	SE	6	0	4	55	52	-		
Oxö (Klansund)	29.77	56	SW	4	0	29.78	+1.1	56	56	-8	SW	2	0	3	?	54	-		
Skagen (The Skaw)	29.76	56	W	4	0	29.84	+1.5	58	54	-4	SW	3	0	2	64	54	0.87		
Fanö	29.86	54	SW	2	6	29.82	+0.8	67	61	+9	S	4	6	*	?	50	-		
Cuxhaven	29.90	?	WNW	2	6	29.83	+0.4	68	63	+5	SE	2	0	*	70	52	-		
†Sumburgh Head																			
†Stornoway	29.45	57	S	5	6	29.25	-2.2	53	53	0	E	4	0	3	67	43	0.20		
Wick	29.49	56	S	1	0	29.36	-1.0	63	52	0	SE	3	0	4	61	50	0.15		
Nairn	29.48	63	SW	1	0	29.31	-1.8	59	56	+4	SW	1	0	1	63	55	0.05		
†Aberdeen	29.52	61	S	2	0	29.42	-1.0	52	52	-5	S	6	0	3	67	50	0.04		
Leith	29.56	60	SW	1	0	29.34	-2.1	58	56	-1	SSW	1	0	*	62	55	0.04		
†Shields	29.62	62	SW	3	0	29.42	-1.7	55	55	-5	S	4	0	2	67	50	0.06		
Spurn Head	29.70	60	SSW	4	0	29.50	-2.1	62	60	+2	S	5	0	4	69	57	0.04		
York	29.67	59	S	1	0	29.47	-2.0	61	58	+2	S	3	0	*	69	55	0.20		
Nottingham	29.69	60	SE	3	0	29.51	-1.3	61	59	+2	SSW	4	0	*	71	56	0.14		
†Ardrossan	29.54	56	S	3	0	29.25	-3.1	57	55	+5	SE	4	0	3	61	51	0.40		
†Mullaghtmore	29.41	58	ESE	2	0	29.08	-4.6	58	57	+3	SE	4	0	3	61	54	0.39		
Donaghadee	29.53	57	SSW	6	0	29.23	-3.6	55	55	-2	SSW	6	0	4	63	52	0.59		
Parsonstown	29.40	57	SE	1	0	29.15	-4.2	58	55	+4	S	1	0	*	61	53	0.31		
Barrow-in-Furness	29.61	59	SE	3	0	29.37	-2.3	60	58	+6	SE	6	0	4	63	52	0.10		
†Holyhead	29.57	58	S	3	0	29.31	-3.5	58	56	+2	S	6	0	4	62	55	0.10		
Liverpool (Bidston)	29.61	60	SE	3	0	29.37	-2.9	60	57	+1	SE	4	0	1	64	56	0.07		
†Valentia	29.27	58	ESE	2	0	29.13	-3.9	56	55	0	SSW	3	0	3	51	54	0.71		
Roche's Point	29.33	58	SSW	7	0	29.20	-3.9	57	55	+1	SW	6	0	5	61	50	0.70		
Pembroke	29.53	55	SE	4	0	29.33	-3.2	56	54	0	S	6	0	5	56	54	0.20		
†Scilly	29.47	56	SE	8	0	29.39	-2.3	60	58	+2	SSW	7	0	6	60	55	0.25		
Prawle Point	29.67	55	SE	3	0	29.53	-2.5	56	55	+2	SSW	5	0	5	57	48	0.17		
Hurst Castle	29.73	59	S	3	0	29.55	-2.7	58	57	+1	SW	4	0	2	62	56	0.04		
†Dover	29.80	59	E	1	0	29.62	-2.3	63	59	+4	SW	3	0	2	66	56	-		
†London	29.72	63	S	3	0	29.59	-2.1	64	60	+1	SSW	2	0	*	68	58	0.02		
Oxford	29.71	59	SE	2	0	29.52	-2.4	60	58	+1	S	2	0	*	66	57	0.05		
Cambridge	29.74	62	S	1	0	29.55	-2.1	62	59	+2	S	1	0	*	68	58	-		
†Yarmouth	29.76	64	SSW	4	0	29.59	-1.8	60	58	-1	SE	5	0	3	66	55	0.02		
The Helder†	29.84	60	SSW	1	0	29.71	-0.9	65	61	+7	SE	1	0	1	66	55	-		
Cape Gris Nez	29.81	62	SSW	1	0	29.65	-2.0	66	62	+8	SSW	5	0	3	?	55	-		
†Jersey	29.75	62	S	2	0	29.62	-2.6	61	59	+2	SW	4	0	3	65	56	0.05		
Brest	29.63	58	S	5	0	29.56	-2.6	58	54	0	SW	5	0	5	61	57	0.12		
Lorient	29.69	63	S	3	0	29.61	-2.7	62	59	+2	SW	5	0	4	66	57	-		
†Rochefort	29.71	70	SE	3	0	29.73	-2.5	67	63	+4	SE	3	0	0	84	67	-		
Biarritz	29.70	78	E	5	0	29.83	-1.0	73	63	+10	S	3	0	2	86	69	0.08		
Corunna																			
Brussels						29.69	-2.1	69	62	+8	S	4	0	*	74	59	-		
Charleville	29.88	70	SSW	1	0	29.78	-1.4	64	60	+2	SE	1	0	*	70	57	0.08		
Paris	29.83	71	SE	1	0	29.76	-2.0	70	63	+7	SSW	3	0	*			-		
Lyons	29.85	76	SE	3	0	29.86	-1.5	70	58	+7	S	7	0	*	78	64	-		
Toulon	29.99	65	E	4	0	30.00	0.0	66	61	+5	E	5	0	5	73	61	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.42	56	SSW	3	0	28.30	-1.1	56	55	+6	S	4	0	*	59	49	0.32		

## HIGH LEVEL STATION.

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

Hawes Junction	28.42	56	SSW	3	0	28.30	-1.1	56	55	+6	S	4	0	*	59	49	0.32
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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 ...	29.64	55	53	S	5	0	4	Valentia ...	29.40	61	58	SE	4	0	4
Sumburgh Head								Scilly ...	29.57	58	57	S	7	0	6
Stornoway ...	29.45	56	55	ENE	5	0	4	Dover ...	29.34	61	58	SW	3	0	2
Aberdeen ...	29.60	66	58	SW	1	0	1	London ...	29.79	67	64	SW	2	0	*
Shields ...	29.61	67	55	WSW	6	0	1	Yarmouth ...	29.77	61	58	SSE	5	0	2
Ardrossan ...	29.37	59	55	SSW	3	0	2	Jersey ...	29.81	64	60	S	2	0	3
Mullaghtmore ...	29.49	59	55	SSE	2	0	2	Rochefort ...	29.85	75	66	WN	1	0	2
Holyhead ...	29.63	62	58	SSW	4	0	3								

The barometer still falls rather briskly in the SW, and the depression there seems to be passing SE. The wind is strong from the S. at Scilly but is moderate to fresh from SE. to SW elsewhere, with cloudy weather except on the E. coast.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

FOR

WEDNESDAY, 22<sup>ND</sup> JUNE.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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



ROBERT H. SCOTT

(SECRETARY.)



*Printed by J. D. B. at the Office of the Secretary, 116, Victoria St. London.*



# WEATHER CHARTS

for 8 a.m. on Wednesday 22<sup>nd</sup> JUNE.

1881

## BAROMETER, WIND & SEA.

### Explanation of Map.

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

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

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

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

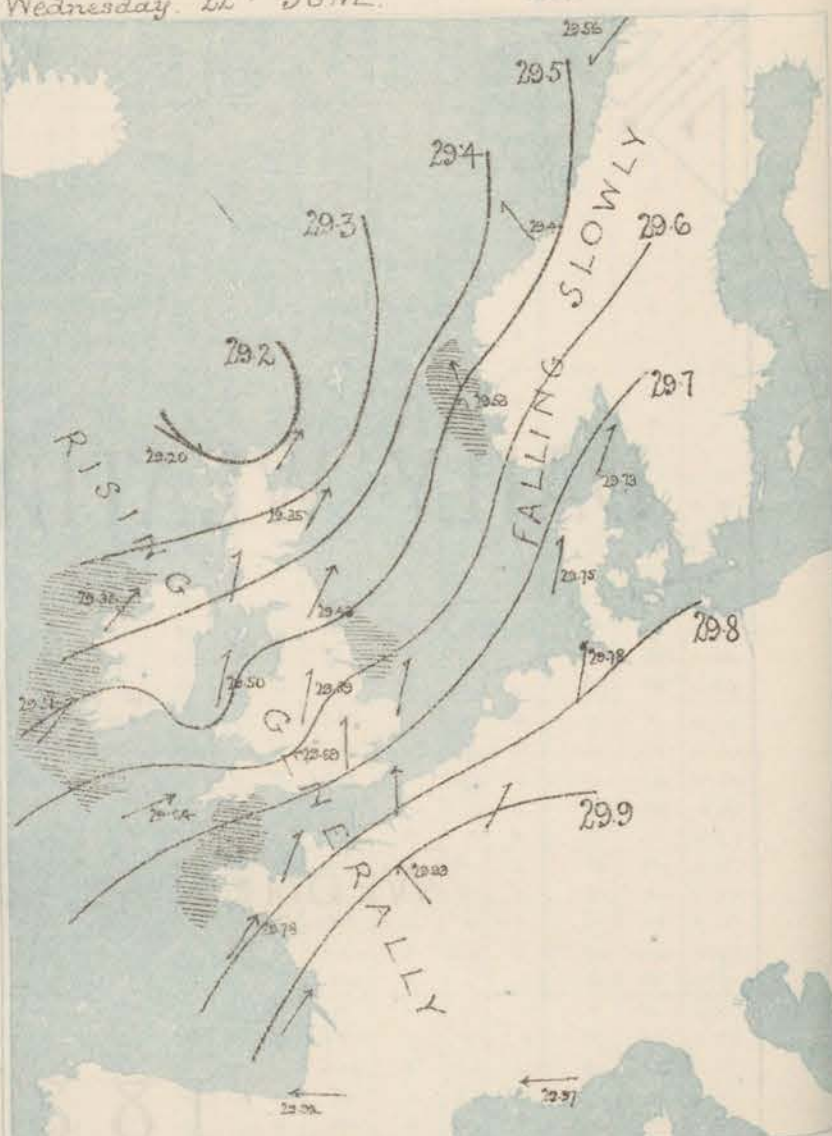
○ = dead calm.

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

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

Stations	Mean Readings
Nairn	29 934
Aberdeen	29 930
Leith	29 969
Scarborough	30 002
Ardrossan	29 963
Greenock	29 985
Holyhead	30 013
Valentia	30 041
Rocks Pt.	30 033
Plymouth	30 000
LONDON	30 040
Yarmouth	30 027

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



## TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

### Explanation of Map

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

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

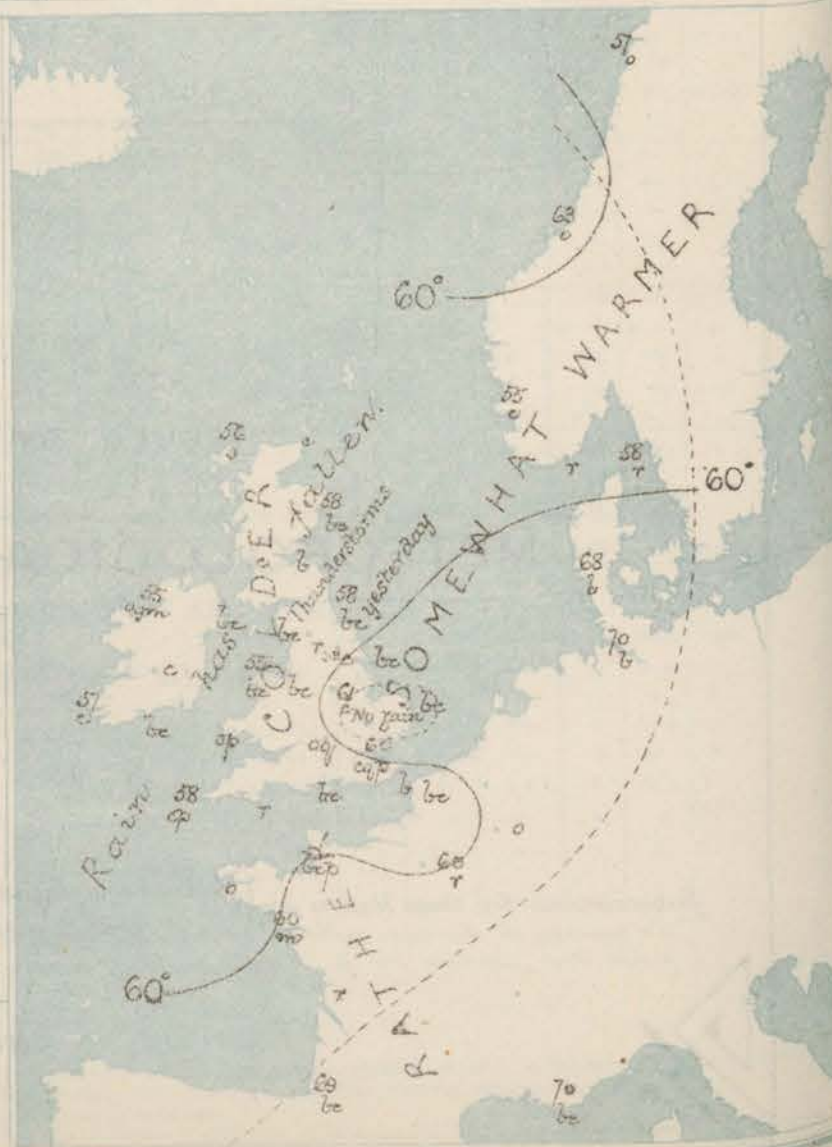
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

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

Stations	Temp	Rain-fall
Sunderburgh Head	61.8	1.15
Stornoway	60.4	3.05
Aberdeen	60.3	1.62
Shapla	60.0	1.06
Leek	60.0	2.30
Mullingliners	60.1	?
Holyhead	60.3	1.61
Parsonstown	60.6	2.01
Valentia	60.8	2.85
Sally (St Mary's)	60.9	2.23
Hurst Castle	60.9	?
Dover	60.7	1.76
LONDON	61.2	2.17
Yarmouth	60.3	2.23

\* 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> JUNE 1887 at 8 a.m.

The depression which yesterday lay off the west coast of Ireland has since travelled in a N<sup>W</sup> or NNE<sup>2</sup> direction, and now lies off the N. of Scotland, at the same time small subsidiary disturbances have appeared in the SW. The mercury is rising in all places except the N. of Norway, the change being greatest in SW. and p<sup>re</sup>sents are still rather steep and the wind which is SW<sup>2</sup> all over France and these islands, and S<sup>2</sup> on the shores of the North Sea is fresh to strong in force in most places. The weather is moderately fine over the S. of France, the greater part of England, and the E. of Scotland and Ireland, but is cloudy or dull elsewhere, rain is falling at Rochfort, Paris, and on our SW coast. During the past 24 hours rain has occurred except in the extreme SE. Sharp thunderstorms occurred in the NE yesterday afternoon and Temperature has fallen except on the E coast and over Norway, and readings range from 63° at Yarmouth to 54° at Anderson. The maxima yesterday were about 70° over the E and Central districts, between 60° and 65° in the W. Sea is moderate to smooth generally, but rough in a few places.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon

on the

23<sup>rd</sup> JUNE.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	W <sup>2</sup> and SW <sup>2</sup> winds, moderate and fresh; cloudy, showery.
2 SCOTLAND EAST	SW <sup>2</sup> winds, strong or fresh, showery with fine intervals.
3 ENGLAND N.E.	-----D <sup>2</sup> -----D <sup>2</sup> -----D <sup>2</sup> -----
4 ENGLAND EAST	SW <sup>2</sup> winds, fresh, fair.
5 MIDLAND COUNTIES	S <sup>2</sup> and SW <sup>2</sup> winds, strong to moderate, fair on the whole.
6 ENGLAND SOUTH	-----D <sup>2</sup> -----D <sup>2</sup> -----D <sup>2</sup> -----

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	SW <sup>2</sup> winds, moderate; cloudy, some rain.
7 ENGLAND N.W.	SW <sup>2</sup> and W <sup>2</sup> winds, moderate; some rain to fine.
8 ENGLAND S.W.	W <sup>2</sup> and SW <sup>2</sup> winds, moderate and fresh; showery to fine.
9 IRELAND NORTH	SW <sup>2</sup> winds, moderate and fresh; fair to cloudy and rainy.
10 IRELAND SOUTH	-----D <sup>2</sup> -----D <sup>2</sup> -----D <sup>2</sup> -----
WARNINGS	None Issued



# METEOROLOGICAL OBSERVATIONS FOR

22<sup>nd</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										LAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sec. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda																			
Hernösand																			
Stockholm																			
Wisby																			
Bodö	29.65	46	Z	0	0	29.56	+ .02	57	50	+ 11	ENE	2	0	1	57	46	-		
Christiansund	29.58	50	ENE	1	0	29.41	- .15	63	57	+ 8	SE	1	0	1	63	46	0.12		
†Skudesnaes	29.56	58	ENE	4	2	29.53	- .16	55	54	+ 1	ENE	8	0	5	57	?	-		
Oxö (Xiansund)	29.69	59	ENE	4	0	29.68	- .10	58	57	+ 2	SE	4	2	3	59	55	0.16		
Skagen (The Skaw)	29.76	62	E	4	0	29.73	- .11	58	57	0	SW	2	2	2	70	57	-		
Fanö	29.74	58	SW	1	0	29.75	- .07	63	63	+ 1	SSW	4	6	*	75	55	0.16		
Cuxhaven	29.70	71	S	2	0	29.78	- .05	70	66	+ 2	SSW	2	60	*	79	57	0.32		
†Sumburgh Head																			
†Stornoway	29.11	59	S	4	0	29.20	- .05	56	55	+ 3	WNW	4	0	3	61	50	0.40		
Wick	29.20	56	SE	3	0	29.25	- .11	54	51	+ 1	SW	5	0	4	57	50	0.08		
Nairn	29.18	62	SW	3	0	29.25	- .06	57	52	- 2	SW	3	0	2	69	55	-		
†Aberdeen	29.29	59	S	4	0	29.35	- .07	58	53	+ 6	SW	6	0	3	61	50	0.09		
Leith	29.29	61	SW	3	0	29.38	+ .04	59	53	+ 1	WSW	2	0	*	69	53	0.09		
†Shields	29.35	62	SE	3	0	29.43	+ .01	58	56	+ 3	SW	5	0	2	69	49	0.16		
Spurn Head	29.50	67	SSW	6	0	29.56	+ .06	62	60	0	SSW	5	0	5	69	54	0.02		
York	29.45	58	S	1	0	29.51	+ .04	60	56	- 1	S	4	0	*	70	52	0.11		
Nottingham	29.51	64	SSW	5	0	29.59	+ .08	61	57	0	SSW	4	0	*	72	53	0.01		
†Ardrossan	29.19	58	S	5	0	29.37	+ .12	64	51	- 3	SSW	4	0	4	61	51	0.01		
†Mullaghmore	29.00	53	W	7	0	29.36	+ .28	55	53	- 3	SW	5	0	5	62	52	0.20		
Donaghadee	29.20	55	SSW	6	0	29.42	+ .19	57	53	+ 2	WSW	3	0	1	61	48	-		
Parsonstown	29.27	56	SSW	2	0	29.49	+ .34	55	52	- 3	SW	1	0	*	60	47	0.15		
Barrow-in-Furness	29.37	59	SSW	6	0	29.46	+ .09	55	53	- 5	SW	4	0	4	65	53	0.12		
†Holyhead	29.35	61	SSW	6	0	29.50	+ .19	55	53	- 3	SSW	4	0	3	62	54	-		
Liverpool (Bldston)	29.40	61	SW	4	0	29.51	+ .14	59	55	- 1	W	2	0	1	69	52	0.09		
†Valentia	29.33	58	WSW	3	0	29.51	+ .38	57	55	+ 1	SW	4	0	5	61	48	0.16		
Roche's Point	29.33	58	SW	5	0	29.55	+ .35	55	52	+ 2	W	4	0	4	61	50	0.23		
Pembroke	29.38	56	SSW	6	0	29.52	+ .19	52	51	- 4	WSW	4	0	3	58	52	0.18		
†Scilly	29.46	60	SSW	6	0	29.64	+ .25	58	55	- 2	WSW	6	0	4	64	53	0.04		
Prawle Point	29.56	57	SSW	6	0	29.68	+ .15	55	55	- 1	SSW	5	0	5	59	53	0.03		
Hurst Castle	29.61	60	SW	5	0	29.69	+ .14	57	56	- 1	WSW	6	0	3	65	56	0.03		
†Dover	29.66	61	SW	3	0	29.72	+ .12	60	57	- 3	SW	5	0	3	66	56	0.04		
†London	29.61	57	SW	4	0	29.69	+ .10	60	57	- 4	S	4	0	*	71	56	0.06		
Oxford	29.56	61	S	5	0	29.62	+ .10	60	56	0	S	5	0	*	68	58	-		
Cambridge	29.54	66	SW	3	0	29.64	+ .09	61	57	- 1	SSW	2	0	*	71	54	-		
†Yarmouth	29.60	65	S	4	0	29.67	+ .08	63	58	+ 3	SSW	4	0	3	70	56	-		
The Helder†	29.70	63	SW	1	0	29.76	+ .05	60	59	- 5	SW	2	0	2	72	59	0.20		
Cape Gris Nez	29.70	61	SSW	5	0	29.76	+ .11	59	59	- 7	S	5	0	3	68	57	0.20		
†Jersey	29.68	60	S	4	0	29.79	+ .14	60	57	- 1	SW	4	0	4	65	56	0.15		
Brest	29.63	60	SW	5	0	29.76	+ .20	58	56	0	W	5	0	5	61	55	0.08		
Lorient	29.70	61	SW	7	0	29.78	+ .17	60	58	- 2	SW	5	0	4	66	57	-		
†Rochefort	29.78	68	WNW	5	0	29.94	+ .21	62	60	- 5	SW	5	0	2	82	55	0.24		
Biarritz	29.68	76	NIE	4	0	29.92	+ .09	69	63	- 4	E	5	0	2	81	57	-		
Corunna	*	*	*	*	*				*					*	*	*	*		
Brussels	*	*	*	*	*				*					*	*	*	*		
Charleville	29.75	?	SSW	1	0	29.95	+ .17	68	62	+ 4	SW	1	0	*	68	52	-		
Paris	29.71	78	S	3	0	29.93	+ .17	60	60	- 10	SE	3	0	*	*	*	0.39		
Lyons†	29.86	75	S	8	0	29.86	00	71	61	+ 7	S	7	0	*	83	?	-		
Toulon	29.98	66	E	7	0	29.97	- .03	70	59	+ 4	E	7	0	4	70	55	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.18	54	WSW	4	0	29.24	- .06	52	52	- 4	SW	4	0	*	64	48	0.92		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.67	57	54	SSE	4	0 f	4	Valentia ...	29.27	57	55	WSW	2	0	3
Sumburgh Head								Scilly ...	29.44	62	59	SSW	7	0	6
Stornoway ...	29.15	59	59	S	3	0	2	Dover ..	29.67	65	61	SW	3	0	2
Aberdeen ...	29.52	57	58	S	4	0 p	3	London ...	29.59	69	68	S	3	0	*
Shields ...	29.35	66	60	SW	4	0	2	Yarmouth ...	29.59	63	60	SSW	5	0	3
Ardrossan ...	29.23	60	55	S	5	0	4	Jersey ...	29.66	63	58	SW	5	0	4
Mullaghmore ...	29.02	57	55	S	4	0 m p	3	Rochefort ...	29.77	81	68	S	1	0	0
Holyhead ...	29.34	62	58	SSW	6	0	5								

The depression noticed in the W. this morning is travelling slowly N. and the mercury is rising in the S. while it is falling in the N. The wind remains S. generally and in the W. and N. the weather is dull and showery but in the S. it has cleared considerably.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

F O R

THURSDAY, 23<sup>RD</sup> JUNE.

1881.

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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 J. D. Bengerfield, Lath. 22, Bedford St. (near the "on."*



# WEATHER CHARTS

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

1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

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

⊙ = dead calm.

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

## MEAN\* HEIGHT of the BAROMETER

for the month of June

Stations	Mean Readings Inch
Kaern	29.933
Aberdeen	29.939
Leith	29.969
Scarborough	30.007
Ardrossan	29.982
Greenacastle	29.985
Holyhead	30.013
Valencia	30.041
Reche's Pt.	30.089
Plymouth	30.060
LONDON	30.040
Yarmouth	30.027

\* 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 June

Stations	Temp.	Rain-fall in.
Sunderburgh Head	51.3	1.15
Sarnoway	53.4	3.05
Aberdeen	56.3	1.62
Shetlands	58.0	1.58
York	58.8	2.39
Mullingthorne	58.1	1
Holyhead	58.8	1.61
Paramstown	58.6	2.01
Valencia	58.8	2.85
Sally (St Mary's)	60.2	2.73
Hurst Castle	59.9	2
Dover	59.7	1.76
LONDON	61.2	2.17
Yarmouth	60.8	2.23

\* 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> June 1881 at 8 a.m.

The depression which yesterday lay over the N. of Scotland has since travelled away E<sup>nd</sup>, and at the same time become very much shallower. It at present lies off the W. coast of Norway, and the mercury is rising in all places except some of the Scandinavian stations, the increase in Ireland and Scotland exceeding half an inch, and a large area of high pressure lies over France and our extreme S.W. coast. The wind has veered generally and now blows from the NW<sup>nd</sup> and NW<sup>nd</sup> in Scotland and Ireland, from W. over England and France, and from S. in Denmark, Norway and Sweden. It is moderate to fresh in force. The weather is fine over the N. of France, and the S. and S.E. of England, but is more or less cloudy elsewhere, with rain at Mullaghmore and in the Hebrides. Rain is also falling at several Swedish and Norwegian stations, and thunder is reported from Oax. Slight thunder occurred over Central England last evening or yesterday afternoon. Temperature has fallen except in the S. and readings range from 63° in London to 47° at Stromness, while the maxima yesterday varied between 56° reported from Stromness and 67° reported from Nottingham and Yarmouth. The sea is moderate or slight except at some NW<sup>nd</sup> stations.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

24<sup>th</sup> JUNE

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	N <sup>th</sup> and NW <sup>th</sup> winds, moderate, cloudy, cool, some rain.
2 SCOTLAND EAST	D <sup>o</sup> D <sup>o</sup> D <sup>o</sup>
3 ENGLAND N.E.	W <sup>th</sup> and NW <sup>th</sup> winds, fresh or strong, some showers, with fine intervals.
4 ENGLAND EAST	W <sup>th</sup> winds, moderate, an occasional shower probable, but weather fair and bright generally.
5 MIDLAND COUNTIES	D <sup>o</sup> D <sup>o</sup> D <sup>o</sup>
6 ENGLAND SOUTH	D <sup>o</sup> D <sup>o</sup> D <sup>o</sup>

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	NW <sup>th</sup> winds, moderate, cloudy, some showers.
7 ENGLAND N.W.	Same as N <sup>o</sup> 2.
8 ENGLAND S.W.	Same as N <sup>os</sup> 3, 4, and 5.
9 IRELAND NORTH	Same as N <sup>o</sup> 6.
10 IRELAND SOUTH	W <sup>th</sup> winds, probably backing, moderate, fine to dull and warm.
WARNINGS	None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

25 JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.80	55	S	2	0	29.71	-1.3	36	48	+1	S	2	N	*	57	45	0.08		
Hernösand	29.72	53	S	2	0	29.63	-2.7	61	57	+4	S	2	N	*	64	46	-		
Stockholm	29.82	61	S	2	0	29.83	-0.8	62	59	-8	WSW	4	N	*	77	50	0.39		
Wisby	29.83	68	S	4	5	29.85	-0.3	64	63	-7	S	4	N	*	84	48	0.04		
Bodö	29.47	50	SW	2	0	29.49	-0.7	53	50	-4	SE	2	0	1	59	47	0.20		
Christiansund	29.52	57	N	1	0	29.69	+2.8	55	53	-8	W	3	N	2	64	46	0.16		
†Skudesnaes	29.63	54	SSW	8	m	29.65	+1.2	53	52	-2	S	4	N	5	57	?	-		
Örö (Christiansund)	29.75	56	SSW	4	0	29.71	+0.3	56	55	-2	SSW	4	N	3	59	53	-		
Skagen (The Skaw)	29.80	59	SSW	2	N	29.79	+0.6	57	56	-1	SW	4	0	4	68	56	0.24		
Fanö	29.83	58	SW	4	6	29.94	+1.9	63	59	-5	WSW	4	6	*	68	55	0.20		
Cuxhaven	29.83	?	WSW	3	6	29.95	+1.7	65	60	-5	WSW	4	6	*	72	57	0.08		
†Sumburgh Head																			
†Stornoway	29.43	50	N	5	0	29.86	+6.6	47	47	-9	N	5	N	5	56	45	0.76		
Wick	29.38	58	SW	4	0	29.78	+5.3	50	48	-4	NNW	3	0	3	61	47	0.12		
Nairn	29.39	57	SW	1	0	29.80	+5.5	50	48	-7	SW	1	0	1	63	48	0.05		
†Aberdeen	29.45	52	SW	4	0	29.79	+4.4	53	48	-5	NNW	4	0	2	67	49	0.01		
Leith	29.49	61	SW	5	0	29.84	+4.6	54	50	-5	W	1	6	*	68	48	0.07		
†Shields	29.55	61	WSW	4	0	29.86	+4.3	55	51	-3	NNW	5	0	2	66	51	0.02		
Spurn Head	29.66	55	SSW	4	0	29.93	+3.7	57	53	-5	W	6	6	4	68	52	0.27		
York	29.63	61	N	3	6	29.94	+4.3	55	51	-5	N	3	0	*	67	51	0.03		
Nottingham	29.73	58	SSW	3	6	30.02	+4.3	62	56	+1	W	2	0	*	69	50	0.11		
†Ardrossan	29.46	55	SSW	4	0	29.91	+5.4	52	47	-2	WNW	4	0	3	60	49	0.01		
†Mullaghmore	29.60	52	WNW	6	gms	30.03	+6.7	53	48	-2	NW	5	0	5	58	48	0.36		
Donaghadee	29.53	58	W	4	6	30.00	+5.8	51	49	-6	NW	4	0	2	64	48	0.10		
Parsonstown	29.70	56	N	2	N	30.09	+6.0	54	50	-1	WNW	2	0	*	61	48	0.20		
Barrow-in-Furness	29.61	57	SW	6	6	29.94	+4.8	54	51	-1	WNW	5	0	5	61	51	0.13		
†Holyhead	29.65	56	SW	6	0	30.04	+5.4	54	51	-1	W	4	6	3	60	51	0.06		
Liverpool (Bidston)	29.64	59	SW	6	6	30.01	+5.0	54	51	-5	W	5	6	3	63	52	0.03		
†Valentia	29.82	56	NW	4	0	30.13	+6.2	57	53	0	W	2	0	1	63	50	0.01		
Roche's Point	29.74	58	NW	5	6	30.10	+5.5	56	52	+1	NN	3	6	3	62	51	0.15		
Pembroke	29.69	56	SW	6	0	30.03	+5.1	54	52	+2	WNW	3	0	3	57	51	0.04		
†Scilly	29.83	58	WSW	6	0	30.12	+4.8	58	56	0	WNW	4	0	4	63	54	-		
Prawle Point	29.87	56	SW	4	6	30.13	+4.5	57	54	+2	WSW	3	6	3	60	52	0.01		
Hurst Castle	29.86	60	WSW	7	6	30.10	+4.1	61	56	+4	NW	2	6	2	61	55	-		
†Dover	29.85	59	SW	4	6	30.08	+3.4	58	56	-2	WSW	4	6	3	63	54	0.02		
†London	29.81	65	WSW	3	6	30.07	+3.8	63	56	+3	WSW	2	6	*	68	52	-		
Oxford	29.82	58	W	1	6	30.06	+4.4	59	54	-1	W	1	6	*	66	52	0.04		
Cambridge	29.74	61	SW	1	6	30.02	+3.8	60	56	-1	SW	1	6	*	69	47	0.02		
†Yarmouth	29.75	65	WSW	3	6	30.01	+3.4	60	55	-3	WSW	3	6	2	69	51	-		
The Helder	29.83	62	SW	3	6	29.99	+2.3	59	55	-1	SW	3	6	3	68	57	0.04		
Cape Gris Nez																			
†Jersey	29.96	59	N	4	0	30.19	+4.0	57	56	-3	W	3	6	3	64	53	0.03		
Brest	29.82	60	WNW	4	6	30.16	+4.0	57	56	-1	NW	3	0	3	61	55	-		
Lorient	29.99	62	W	4	6	30.16	+3.8	57	54	-3	WNW	3	6	2	68	52	-		
†Rochefort	30.04	67	WNW	5	0	30.17	+2.3	64	60	+2	N	4	0	2	72	55	-		
Biarritz																			
Corunna																			
Brussels						30.13	+3.0	60	55	+2	SW	5	6	*	73	55	0.32		
Charleville	29.95	70	SW	1	0	30.15	+2.0	63	57	-5	SW	1	6	*	70	54	-		
Paris	29.97	66	S	1	6	30.20	+2.7	62	55	+2	W	1	6	*	*	*	0.08		
Lyons	29.94	82	SW	1	0	30.17	+3.1	67	62	-10	NNW	4	0	*	89	62	-		
Toulon	29.99	?	E	2	?	?	?	68	60	-2	E	7	6	4	72	64	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.39	52	WSW	5	0	28.68	+4.4	48	47	-4	W	5	0	*	56	41	0.21		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.63	57	54	S	7	0	5	Valentia ...	29.69	60	58	NW	4	0	4
Sumburgh Head								Scilly ...	29.78	61	55	WSW	6	0	5
Stornoway ...	29.32	54	54	N	4	0	3	Dover ..	29.81	63	59	SW	4	0	3
Aberdeen ...	29.40	63	55	SW	6	0	2	London ...	29.78	67	60	WSW	5	0	*
Shields ...	29.52	68	57	WSW	3	0	2	Yarmouth ...	29.70	67	58	SW	3	0	2
Ardrossan ...	29.44	57	54	SSW	4	0	3	Jersey ...	29.91	58	56	W	4	0	4
Mullaghmore ...	29.49	54	53	W	6	0	5	Rochefort ...	29.97	68	63	SW	5	0	2
Holyhead ...	29.59	60	56	SW	6	0	4								

The depression in the N. continues to travel slowly away and the mercury is rising everywhere with fresh NW to SW winds and cloudy weather except 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. 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

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

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT  
(SECRETARY.)

*Printed by Messrs. J. & W. G. Smith, 12, Bedford St., London, W.*



# WEATHER CHARTS

for 8 a.m. on Friday 24<sup>th</sup> JUNE. 1887.

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

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

○ - dead calm.

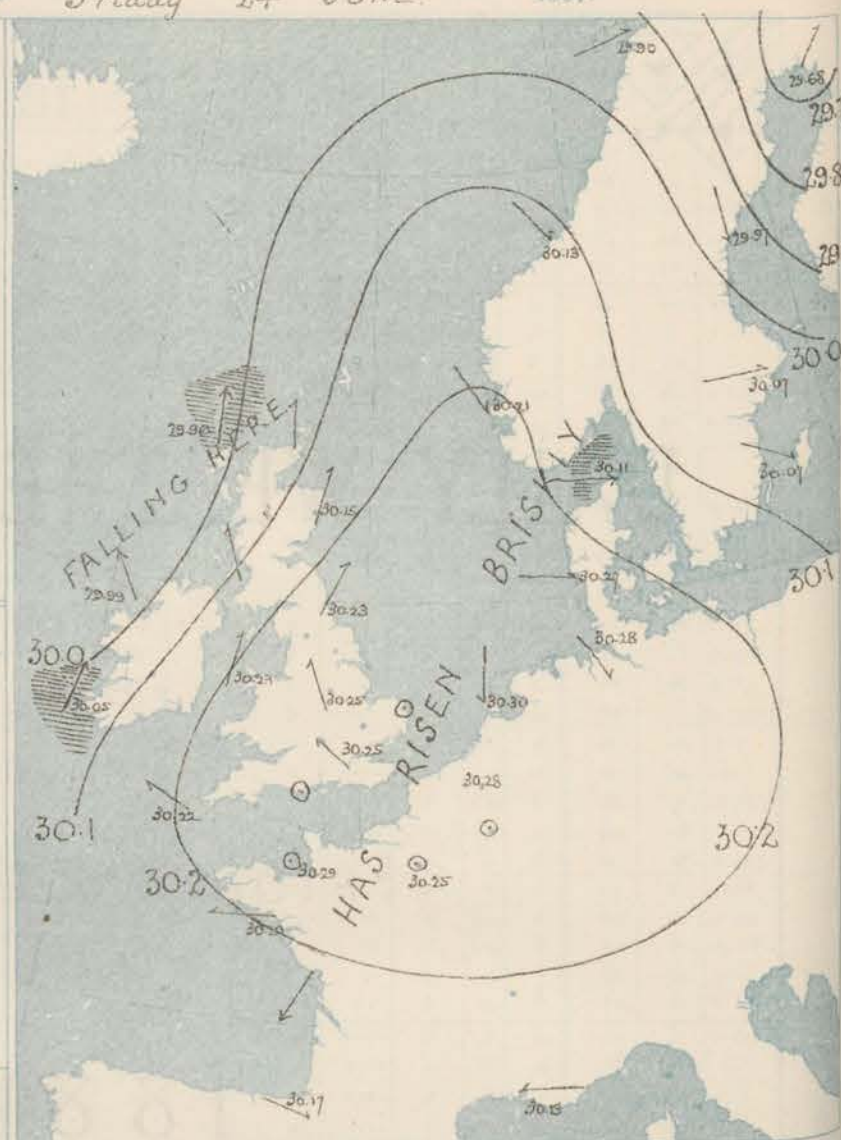
Sea Disturbance, where considerable, is shown by shading round the coast; thus — Rough: High.

## MEAN\* HEIGHT of the BAROMETER

for the month of June

Stations.	Mean Readings. In.
Nairn	29.933
Aberdeen	29.939
Leith	29.969
Scarborough	30.002
Ardrossan	29.982
Greenock	29.985
Holyhead	30.013
Valentia	30.041
Roche's Pt.	30.033
Plymouth	30.060
LONDON	30.040
Yarmouth	30.027

\* 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.

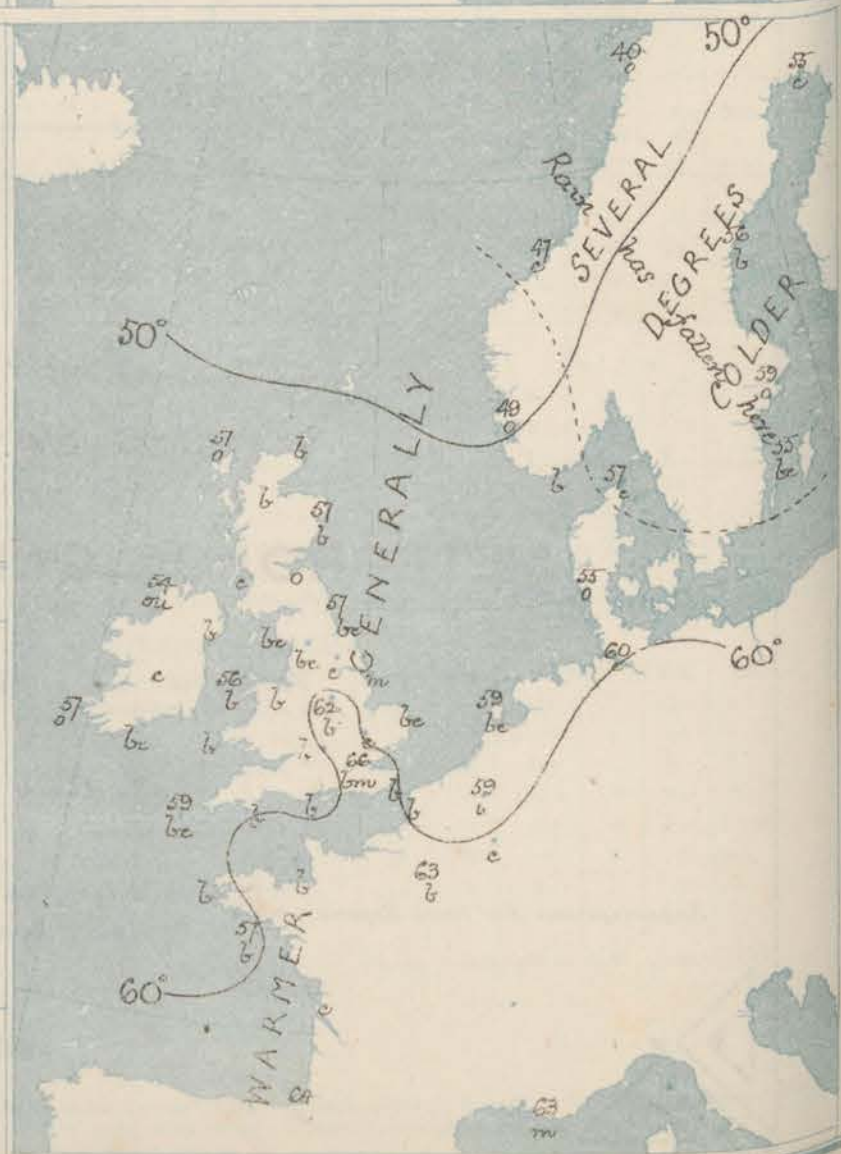
Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of June

Stations	Temp	Rain-fall.
Sundburgh Head	51.8	1.15
Sornoway	53.4	2.05
Aberdeen	56.3	7.62
Shetlands	55.0	1.66
York	58.9	1.39
Mullaghmore	58.1	?
Holyhead	58.8	1.61
Parsonstown	58.6	2.01
Valentia	58.8	2.85
Sally (St Mary's)	60.2	2.23
Hurst Castle	59.0	?
Dover	59.7	1.70
LONDON	61.2	2.17
Yarmouth	59.3	2.23

\* 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> JUNE 1881 at 8 a.m.

During the past twenty four hours the rise of the mercury noticed yesterday has continued briskly at all the Continental stations and over the greater part of these Islands, and a large anticyclone has been formed over England, the north of France, and the North Sea, but on our west and north coast the barometer is falling, and a depression lies off the west of Ireland. E<sup>z</sup> breezes and light variable airs prevail over France and England, and moderate to strong S<sup>z</sup> winds over Ireland and Scotland. The weather is very fine except on our extreme W. and NW. coasts, where the sky is cloudy or overcast; no rain has fallen within our Islands. Temperature has risen and ranges from 66° in London to 51° at Stromaway; the maxima were 70° in London and 49° at Nottingham. The sea is rough at Valentia and Stromaway, nearly smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

25<sup>TH</sup> JUNE

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S <sup>z</sup> breezes, light and strong, fine to dull, warm.	6 SCOTLAND WEST	S <sup>z</sup> winds, increasing to a strong breeze, dull, slight rain.
2 SCOTLAND EAST	S <sup>z</sup> breezes, moderate, but freshening, fine to cloudy, warm.	7 ENGLAND N.W.	SE <sup>z</sup> and S <sup>z</sup> winds, moderate then fresh; fine and warm to cloudy.
3 ENGLAND N.E.	-----D°-----D°-----D°-----	8 ENGLAND S.W.	SE <sup>z</sup> and S <sup>z</sup> breezes, moderate, fine warm.
4 ENGLAND EAST	Variable to SE <sup>z</sup> breezes, fine, hazy, warm.	9 IRELAND NORTH	SE <sup>z</sup> veering to S <sup>z</sup> or SW <sup>z</sup> winds, fresh or strong; dull and slight rain to fine.
5 MIDLAND COUNTIES	Light variable airs to E <sup>z</sup> or SE <sup>z</sup> breezes, fine, hazy, warm.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	-----D°-----D°-----D°-----	WARNINGS	None ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

24<sup>th</sup> JUNE

1881.

YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.56	49	SW	6	b	29.68	-0.3	55	50	-1	SW	4	c	*	55	48	-		
Hernösand ...	29.64	56	S	2	b	29.97	+0.4	56	49	-5	N	4	b	*	70	52	0.04		
Stockholm ...	29.98	59	W	2	b	30.07	+0.24	59	56	-3	W	2	o	*	72	57	0.04		
Wisby ...	29.91	63	WSW	4	b	30.07	+0.22	55	52	-9	WNW	4	b	*	68	52	0.08		
Bodö ...	29.42	52	E	2	o	29.90	+0.41	40	35	-13	W	4	o	3	54	36	0.28		
Christiansund...	29.80	46	NW	6	n	30.13	+0.44	47	43	-8	NW	2	c	4	55	36	0.43		
†Skudesnaes ...	29.91	52	WSW	4	n	30.21	+0.56	49	48	-4	NW	4	o	4	55	?	-		
Oxö (Xiansund) ...	29.92	53	WSW	6	b	30.10	+0.39	57	55	+1	WSW	4	b	3	59	50	-		
Skagen (The Skaw) ...	29.96	56	W	7	o	30.11	+0.32	57	54	0	W	6	o	5	64	52	0.08		
Fanö ...	30.13	59	WSW	4	c	30.27	+0.38	55	50	-8	W	4	o	*	63	50	-		
Cuxhaven ...	30.18	?	NW	3	b	30.28	+0.33	60	55	-5	NW	3	c	*	66	54	-		
†Sumburgh Head ...	30.09	51	NW	3	o	29.96	+0.10	51	50	+4	S	5	o	5	51	44	-		
†Stornoway ...	30.07	53	N	3	o	30.09	+0.21	53	50	+3	S	2	b	2	54	43	-		
Nairn ...	30.09	54	WNW	2	b	30.06	+0.26	55	48	+5	SSW	2	b	1	57	43	-		
†Aberdeen ...	30.09	56	NNW	1	c	30.15	+0.36	57	52	+4	SSW	4	b	1	60	47	-		
Leith ...	30.10	58	NW	1	b	30.17	+0.33	54	49	0	SW	1	o	*	65	39	-		
†Shields ...	30.11	62	WNW	4	b	30.23	+0.37	57	51	+2	SW	3	b	2	62	44	-		
Spurn Head ...	30.15	60	WSW	4	b	30.28	+0.35	57	54	0	SE	1	m	0	62	52	-		
York ...	30.17	59	SW	3	b	30.28	+0.34	54	50	-1	S	1	o	*	64	42	-		
Nottingham ...	30.22	62	W	1	b	30.25	+0.23	62	56	0	SSE	1	b	*	69	45	-		
†Ardrossan ...	30.14	49	NW	3	o	30.13	+0.22	56	52	+4	SSE	3	c	2	60	43	-		
†Mullaghmore ...	30.15	58	N	1	c	29.99	-0.04	54	51	+1	SSE	6	ow	4	58	50	-		
Donaghadee ...	30.19	53	SW	2	c	30.14	+0.14	58	53	+7	S	4	b	2	58	48	-		
Parsonstown ...	30.19	60	WNW	1	b	30.09	-0.00	58	54	+4	WSW	2	c	*	60	44	-		
Barrow-in-Furness...	30.17	55	WNW	4	b	30.22	+0.28	55	52	+1	SE	4	b	3	59	49	-		
†Holyhead ...	30.22	58	SW	3	c	30.23	+0.19	56	54	+2	SSW	4	b	3	62	53	-		
Liverpool (Bidston) ...	30.20	58	WNW	2	b	30.24	+0.23	59	52	+5	SE	1	b	1	60	47	-		
†Valentia ...	30.21	58	SSW	4	b	30.05	-0.08	57	53	0	SSW	7	o	6	61	54	-		
Roche's Point...	30.18	59	WSW	2	b	30.15	+0.05	57	54	+1	SSW	5	b	4	61	50	-		
Pembroke ...	30.19	58	W	1	b	30.21	+0.18	56	52	+2	S	2	b	1	59	49	-		
†Scilly ...	30.24	61	NW	2	b	30.22	+0.10	59	56	+1	ESE	4	b	2	61	50	-		
Prawle Point ...	30.23	57	WNW	2	b	30.26	+0.13	60	53	+3	?ESE	1	b	1	61	47	-		
Hurst Castle ...	30.22	61	W	3	b	30.26	+0.16	59	55	-2	E	1	b	1	64	48	-		
†Dover ...	30.17	60	SW	3	b	30.27	+0.19	63	58	+5	WSW	2	b	1	63	55	-		
†London ...	30.18	66	W	2	b	30.25	+0.18	66	59	+3	SE	1	b	*	70	49	-		
Oxford ...	30.22	60	W	1	o	30.26	+0.20	59	54	0	Z	0	b	*	66	46	-		
Cambridge ...	30.24	64	NNW	1	c	30.26	+0.24	60	56	0	E	1	c	*	67	49	-		
†Yarmouth ...	30.19	61	ESE	1	b	30.29	+0.28	59	56	-1	Z	0	b	1	66	55	-		
The Helder ...	30.22	58	W	1	b	30.30	+0.31	59	55	0	N	1	b	1	63	50	-		
Cape Gris Nez ...	30.21	60	SW	5	b	30.27	-	59	56	-	SSW	1	b	0	64	50	-		
†Jersey ...	30.24	61	NNE	1	b	30.29	+0.10	63	57	+6	Z	0	b	0	64	50	-		
Brest ...	30.25	60	N	3	o	30.26	+0.10	55	51	-2	E	4	b	2	64	48	-		
Lorient ...	30.20	64	WNW	4	b	30.20	+0.04	57	53	0	E	3	b	2	66	52	-		
†Rochefort ...	30.16	66	NW	5	o	30.17	-0.00	64	59	0	NE	7	c	2	77	53	-		
Biarritz ...	30.13	65	N	5	o	30.17	+0.03	64	61	+2	WNW	3	o	3	?	57	0.04		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.28	+0.15	59	56	-1	W	4	o	*	68	52	-		
Charleville ...	30.20	67	W	1	b	30.25	+0.10	61	58	-2	ESE	1	c	*	72	54	-		
Paris ...	30.20	68	NNW	1	b	30.25	+0.05	63	57	+1	Z	0	b	*	*	*	-		
Lyons ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Toulon ...	30.02	70	ESE	7	b	30.13	?	63	63	-5	E	3	m	2	75	61	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.92	53	W	4	c	30.00	+0.32	52	48	+4	SW	3	b	*	55	37	-		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.81	55	52	WSW	6	0	5	Valentia ...	30.20	61	56	SW	3	b c	4
Sumburgh Head								Scilly ...	30.21	61	55	W	3	b c	4
Stornoway ...	30.02	51	50	N	4	0	4	Dover ..	30.16	63	57	SE	4	b	2
Aberdeen ...	29.98	59	57	NW	3	c	1	London ...	30.19	66	58	WSW	8	c	*
Shields ...	30.02	59	53	WNW	5	b c	2	Yarmouth ...	30.13	65	56	WNW	2	b	2
Ardrossan ...	30.07	51	49	NW	3	c	2	Jersey ...	30.25	62	58	WNW	3	b	3
Mullaghmore ...	30.13	56	52	NW	2	o c	2	Rochefort ...	30.16	72	64	NW	4	b c	2
Holyhead ...	30.16	60	54	WNW	4	c	3								

The mercury still rises everywhere generally with NW breezes and moderately fine weather, but at Valentia the wind has backed to SW. Temperature ranges from 66° in London to 51° 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 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# DAILY WEATHER REPORT

FOR

SATURDAY, 25<sup>TH</sup> JUNE.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT  
(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on Saturday, 25<sup>th</sup> JUNE, 1881.

## BAROMETER, WIND & SEA.

### Explanation of Map.

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

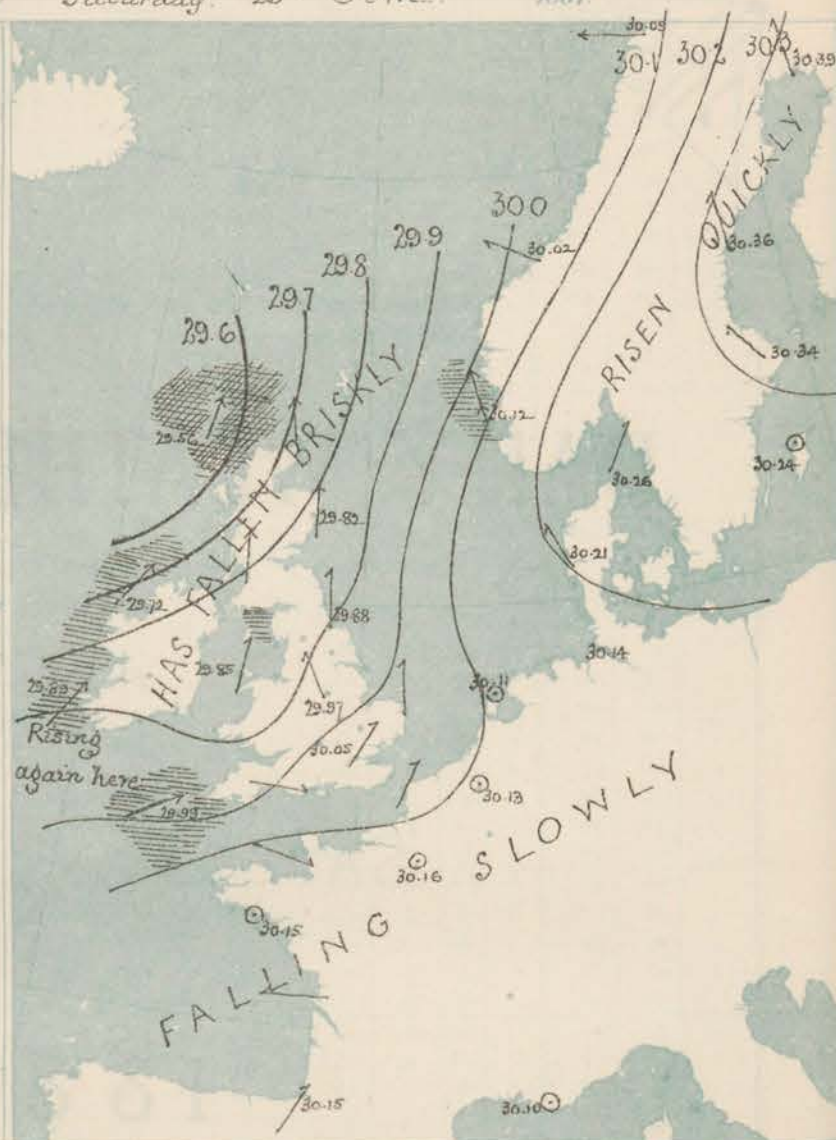
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
→ forces above 10; → forces 8 to 10  
→ forces 5 to 7; → forces 1 to 4.  
⊙ - dead calm.

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

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

Stations.	Mean Readings.
Nairn	29.934
Aberdeen	29.939
Leith	29.969
Scarborough	30.002
Ardrossan	29.982
Greencastle	29.986
Holyhead	30.013
Valentia	30.041
Roche's Pt.	30.033
Plymouth	30.060
LONDON	30.046
Vermouth	30.027

\* 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.

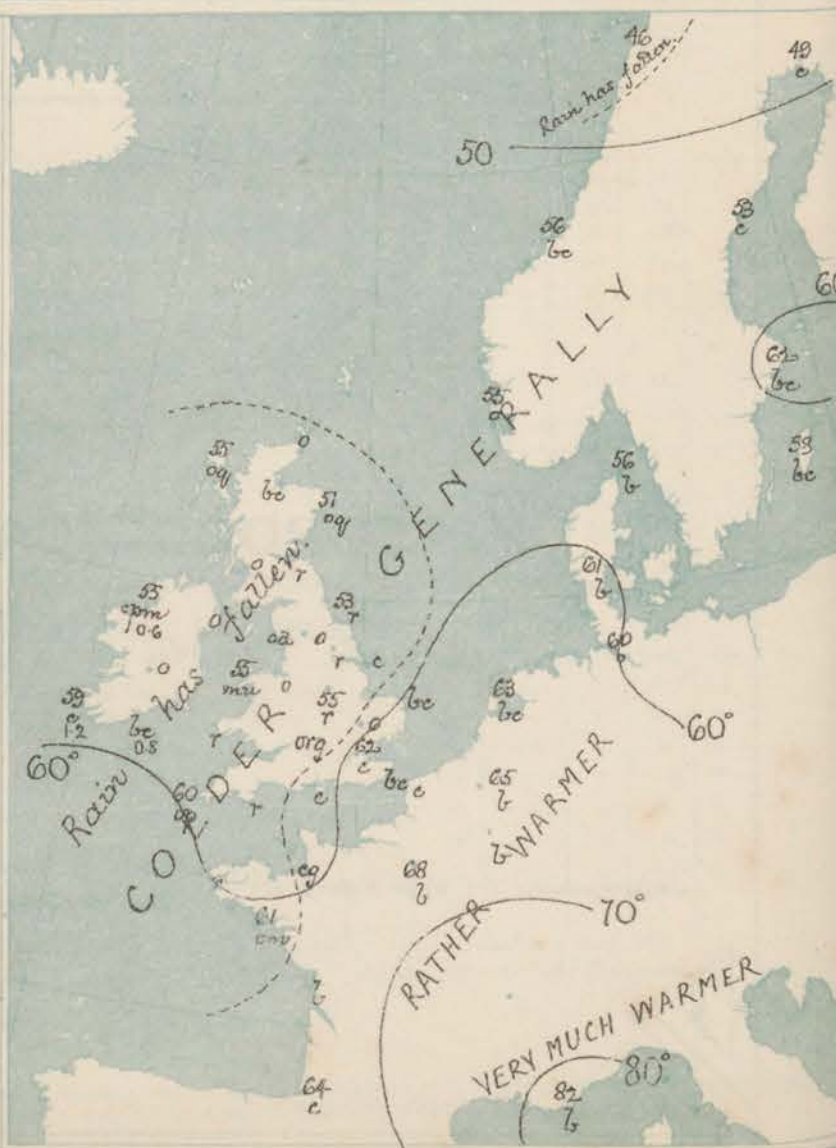
### Explanation of Map.

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 June

Stations	Temp.	Rain-fall.
Sandburgh Head	51.8	1.15
Sternoway	53.4	3.05
Aberdeen	56.3	1.62
Shields	58.0	1.66
York	58.8	2.39
Mullaghmore	58.1	?
Holyhead	58.8	1.61
Parsonstown	58.6	2.01
Valentia	58.8	2.85
Silly (St Mary's)	60.2	2.23
Ilchester Castle	59.9	?
Dover	59.7	1.76
LONDON	61.2	2.17
Vermouth	59.3	2.23

\* 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> JUNE 1881 at 8 a.m.

The depression which was apparently approaching our W. coast yesterday has since passed slowly N<sup>W</sup> and now shown off the Hebrides. It has occasioned a brisk fall of the barometer all over the country, but at Valentia there is now a slight recovery <sup>down</sup> commencing. In Scandinavia the barometer is rising and an anticyclone lies over that region, so that moderate gradient exist over the British Isles. The wind is W<sup>2</sup> over the SW and S coast, but is SW<sup>2</sup> and S<sup>2</sup> elsewhere; it blows freshly or strongly except in the SE and S. In the W. of Ireland a fresh gale was experienced last evening. The weather is fine in the E. of France, North Germany, and our extreme SE coast, but is cloudy or dull generally, with rain in the SW, Central, and NE part of England. During yesterday heavy rain occurred in Ireland. Temperature has fallen except over France, and readings range from 82° at Toulon and 62° in London to 51° at Aberdeen. The maxima yesterday were 71° at Oxford, 74° at Cambridge, 75° at Nottingham and 76° in London. Sea is rough on our W. and NW coast.

MAP SHOWING DISTRICTS.



## FORECASTS

for the 24 hours ending at Noon

on the

26<sup>th</sup> JUNE.

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

S<sup>2</sup> winds, strong to fresh; cloudy, dull, some rain.

2 SCOTLAND EAST

-----D°-----D°-----D°-----

3 ENGLAND N.E.

S<sup>2</sup> winds, moderate, cloudy, showery.

4 ENGLAND EAST

Light or moderate breezes between S. and W.; cloudy and showery then fine.

5 MIDLAND COUNTIES

-----D°-----D°-----D°-----

6 ENGLAND SOUTH

-----D°-----D°-----D°-----

6 SCOTLAND WEST

Same as N° 0. and 1.

7 ENGLAND N.W.

S<sup>2</sup> winds, fresh; dull, some rain.

8 ENGLAND S.W.

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

9 IRELAND NORTH

SW<sup>2</sup> winds, veering to W., fresh and gusty, showery, turning cooler.

10 IRELAND SOUTH

-----D°-----D°-----D°-----

### WARNINGS

NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

25<sup>th</sup> JUNE

1881.

YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.19	46	NW	2	b	30.39	+ .71	49	41	- 6	S	2	c	*	57	45	-		
Hernösand ...	30.28	53	NW	2	b	30.36	+ .39	53	47	- 3	S	4	c	*	70	52	-		
Stockholm ...	30.24	54	E	2	o	30.34	+ .24	62	52	+ 3	SSW	2	bc	*	70	54	-		
Wisby ...	30.19	57	Z	0	b	30.14	+ .17	58	54	+ 3	W	1	bc	*	64	46	-		
Bodö ...	30.19	43	SW	4	bc	30.09	+ .19	46	40	+ 6	E	6	o	*	?	32	0.04		
Christiansund ...	30.14	47	NE	2	c	30.02	- .11	56	51	+ 9	ESE	2	bc	*	?	39	-		
† Skudesnaes ...	30.21	51	S	4	b	30.12	+ .09	55	52	+ 6	SSW	6	o	5	55	?	-		
Oxö (Christiansund) ...	30.21	48	SW	6	b	30.25	+ .15	57	53	0	SE	2	b	2	?	45	-		
Skagen (The Skaw) ...	30.25	52	WSW	4	b	30.26	+ .15	56	52	- 1	SW	2	b	0	59	48	-		
Fanö ...	30.31	50	Z	0	b	30.21	- .06	61	57	+ 6	SE	4	b	*	61	46	-		
Cuxhaven ...	30.34	?	N	4	c	30.14	- .14	60	57	0	?	4	o	*	61	55	-		
† Sumburgh Head ...																			
† Stornoway ...	29.72	52	S	8	n	29.56	- .40	55	55	+ 4	SSW	7	og	7	56	49	0.08		
Wick ...	29.92	56	S	4	o	29.72	- .37	53	52	0	SEE	5	o	4	59	47	0.07		
Nairn ...	29.84	60	SSW	6	o	29.68	+ .33	58	53	+ 3	SW	3	bc	2	67	55	-		
† Aberdeen ...	29.99	56	S	5	bc	29.82	- .33	51	50	- 6	S	5	og	3	61	49	0.01		
Leith ...	30.02	58	SW	1	c	29.78	- .39	54	52	0	SW	2	n	*	66	52	0.08		
† Shields ...	30.06	57	SE	3	c	29.88	- .35	53	53	- 4	S	2	n	2	64	52	0.14		
Spurn Head ...	30.14	58	SE	5	bc	29.99	- .29	57	54	0	S	4	c	4	61	53	-		
York ...	30.12	63	S	2	b	29.97	- .31	53	52	- 1	S	1	n	*	70	52	0.10		
Nottingham ...	30.12	67	SEE	2	b	29.97	- .28	55	54	+ 7	SEE	1	n	*	75	51	0.10		
† Ardrossan ...	29.98	56	S	4	o	29.75	- .28	54	53	- 2	S	5	o	4	62	50	0.31		
† Mullaghmore ...	29.86	55	S	8	na	29.72	- .24	55	54	+ 1	SW	5	og	5	60	53	0.55		
Donaghadee ...	30.00	58	SSW	5	c	29.77	- .37	56	53	- 2	SW	3	o	1	60	51	0.23		
Parsonstown ...	29.96	55	S	2	n	29.83	- .26	57	54	- 1	WSW	2	o	*	64	53	0.30		
Barrow-in-Furness ...	30.12	60	SW	3	b	29.87	- .35	54	52	- 1	SE	5	oa	5	62	52	0.38		
† Holyhead ...	30.11	59	SSW	4	c	29.85	- .38	55	55	- 1	SSW	4	mu	3	63	53	0.23		
Liverpool (Bidston) ...	30.10	64	NNW	1	bc	29.89	- .35	53	52	- 6	SE	2	o	1	67	51	0.33		
* Valentia ...	29.86	56	SEE	8	ng	29.89	- .16	59	57	+ 2	SW	6	c	6	59	54	1.15		
Roche's Point ...	29.95	57	SSW	6	o	29.90	- .25	58	54	+ 1	W	3	bc	4	60	53	0.48		
Pembroke ...	30.11	56	SSW	3	o	29.89	- .32	55	55	- 1	SSW	5	n	3	60	53	0.34		
† Scilly ...	30.12	59	S	4	c	29.99	- .23	60	59	+ 1	WSW	5	op	5	64	55	0.19		
Prawle Point ...	30.18	56	ESE	1	b	30.07	- .19	55	55	- 5	SSW	3	n	3	62	54	0.10		
Hurst Castle ...	30.19	63	W	2	b	30.08	- .18	59	56	0	WSW	4	c	2	66	55	-		
† Dover ...	30.21	62	Z	0	b	30.09	- .18	62	58	- 1	WSW	2	bc	1	64	58	-		
† London ...	30.18	70	S	3	b	30.05	- .20	62	55	- 4	SW	2	c	*	76	48	-		
Oxford ...	30.17	63	SW	1	bc	30.03	- .23	56	54	- 3	S	1	og	*	71	52	0.02		
Cambridge ...	30.16	67	SE	1	b	30.00	- .26	59	54	- 1	S	1	o	*	74	45	-		
† Yarmouth ...	30.21	62	SE	3	b	30.05	- .24	61	57	+ 2	W	2	bc	2	63	55	-		
The Helder ...	30.24	62	ENE	1	bc	30.11	- .19	63	60	+ 4	SE	1	bc	1	68	57	-		
Cape Gris Nez ...	30.18	62	E	1	b	30.08	- .19	63	61	+ 4	SW	3	c	1	68	55	-		
† Jersey ...	30.22	65	NE	1	b	30.17	- .12	59	55	- 4	WSW	2	og	2	70	53	-		
Brest ...	30.19	60	SW	3	b	30.14	- .12	59	57	+ 4	WSW	4	n	3	68	55	-		
Lorient ...	30.18	67	WSW	3	b	30.15	- .05	61	59	+ 4	SE	1	m	1	73	55	0.32		
† Rochefort ...	30.12	72	?NW	4	b	30.13	- .04	69	66	+ 5	E	4	o	0	86	61	-		
Biarritz ...	30.13	68	NW	1	c	30.15	- .02	64	61	0	SW	1	c	3	75	59	-		
Corunna ...	*	*	*	*	*	30.22	+ .13	65	*	?	NE	1	o	1	*	*	*		
Brussels ...	*	*	*	*	*	30.13	- .15	65	60	+ 6	NE	1	b	*	73	56	-		
Charleville ...	30.17	75	E	1	b	30.15	- .10	63	59	+ 2	E	1	b	*	?	54	-		
Paris ...	30.19	69	Z	0	b	30.16	- .09	68	62	+ 5	Z	0	b	*	*	*	-		
Lyons ...	29.95	71	N	1	n	30.17	-	71	66	-	ENE	1	m	*	82	62	0.04		
Toulon ...	29.98	78	Z	0	bc	30.10	- .03	82	63	+ 19	Z	0	b	1	82	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	28.88	56	WSW	4	b	28.67	- .33	50	49	- 2	SSW	3	o	*	61	47	0.10		

## HIGH LEVEL STATION.

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

Hawes Junction	28.88	56	WSW	4	b	28.67	- .33	50	49	- 2	SSW	3	o	*	61	47	0.10	
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	30.26	55	48	WSW	2	bc	Valentia ...	29.97	58	56	SE	7	ng
Sumburgh Head ...							Scilly ...	30.20	64	60	S	5	bc
Stornoway ...	29.84	51	30	S	7	o	Dover ...	30.25	63	57	Z	0	b
Aberdeen ...	30.07	59	53	SSW	5	b	London ...	30.20	71	65	SE	1	bc
Shields ...	30.14	64	56	SSW	2	bc	Yarmouth ...	30.25	62	58	SE	1	b
Ardrossan ...	30.06	61	54	S	4	c	Jersey ...	30.27	65	59	Z	0	b
Mullaghmore ...	29.91	60	55	SSW	7	og	Rochefort ...	30.13	?	63	?	4	c
Holyhead ...	30.17	63	58	SSW	4	bc							

Southerly and south-easterly winds prevail generally, blowing fresh or strongly in the W., with dull weather, and lightly in the E. with fine weather. The barometer is falling everywhere and rain has commenced at Valentia. Temperature ranges from 71° in London to 51° 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 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

† Received too late for insertion in Chronicle.





# DAILY WEATHER REPORT

FOR

SUNDAY 26<sup>TH</sup> JUNE

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

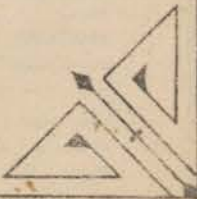
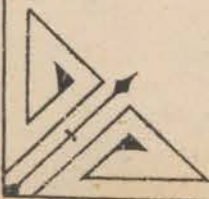
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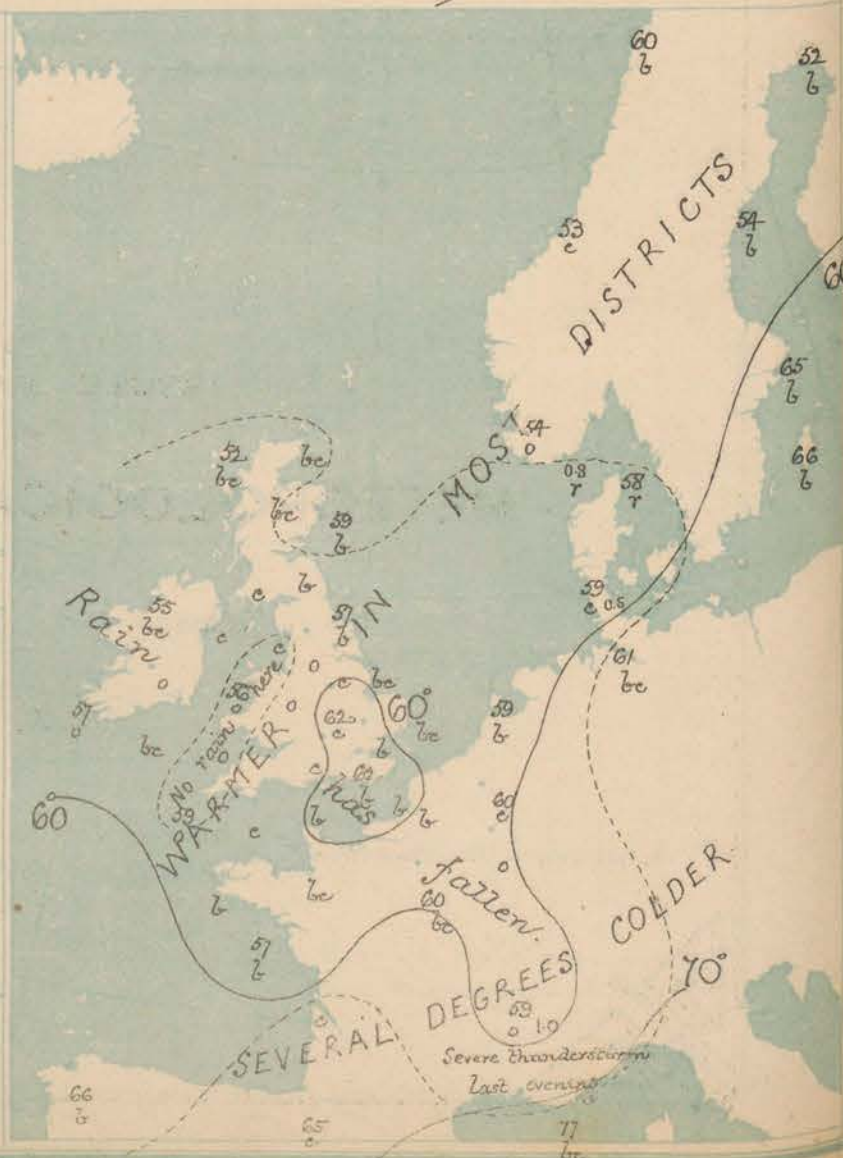
ROBERT H. SCOTT

(SECRETARY.)



Printed by T. Agnew & Sons, 15, Abchurch Lane, London, E.C. 4.







# REMARKS

for Sunday 26<sup>th</sup> June 1881 at 8 a.m.

The depressions which yesterday occasioned such very unsettled weather over the whole Kingdom have since passed away to Norway. There they are causing moderate to fresh S<sup>ly</sup> and SE<sup>ly</sup> winds, with dull wet weather, while over the whole of these Islands and France a decided recovery is shown. The wind has veered to the westward and fallen to a light or moderate breeze, while the weather has become clear or nearly so, on all but our south-west coast. Temperature has risen and ranges from 62° over Central and South-eastern England and at Stornoway.

The sea is rough at Scilly and Skudeenals, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

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

### DISTRICTS

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

### FORECASTS

NONE ISSUED

### DISTRICTS

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

### FORECASTS

NONE ISSUED

WARNINGS



# METEOROLOGICAL OBSERVATIONS FOR 26<sup>th</sup> JUNE 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12).			Max.	Min.			
Haparanda	30.31	50	S	2	b	30.29	— 10	51	44	+	3	SW	2	b	*	54	37	—	
Hernösand	30.25	48	Z	0	b	30.25	— 11	54	50	+	1	S	2	b	*	61	39	—	
Stockholm	30.24	55	SE	2	b	30.14	— 20	65	58	+	3	ESE	2	b	*	73	50	—	
Wisby	30.19	55	SE	2	b	30.07	— 17	66	59	+	8	SSE	2	b	*	?	45	—	
Bodö	30.01	57	SE	2	b	29.89	— 20	60	51	+	14	SE	4	b	*	?	?	—	
Christiansund	29.92	54	NNW	1	b	29.80	— 22	58	51	—	3	SSE	6	c	2	73	41	—	
†Skudesnaes	29.92	58	SE	8	o	29.87	— 25	54	53	—	1	SSW	4	o	5	61	?	—	
Ösö (Klaröund)	30.04	64	ENE	4	o	29.91	— 34	55	55	—	2	SE	4	r	3	?	45	0.83	
Skagen (The Skaw)	30.10	60	SSE	3	o	29.93	— 33	58	56	+	2	ESE	5	r	5	70	55	0.04	
Fanö	29.99	59	ESE	4	c	29.93	— 28	59	57	—	2	W	4	c	*	70	55	0.47	
Cuxhaven	30.01	72	SE	2	c	29.97	— 17	61	59	+	1	WNW	1	b	*	72	57	—	
†Sumburgh Head																			
†Stornoway	29.97	53	WNW	5	o	29.93	+	37	52	51	—	3	WNW	4	b	3	58	46	0.11
Wick	29.66	58	S	3	b	29.95	+	23	54	50	+	1	NW	3	b	2	60	45	0.02
Nairn	29.68	63	SSW	5	b	29.97	+	29	56	51	—	2	SSW	1	b	1	67	49	—
†Aberdeen	29.75	60	SSW	1	b	30.01	+	19	59	50	+	8	NW	2	b	2	65	44	—
Leith	29.79	61	NW	1	b	30.04	+	26	59	52	+	5	NW	1	b	*	62	49	0.03
†Shields	29.92	63	W	3	c	30.07	+	19	57	53	+	4	W	5	b	2	64	47	0.06
Spurn Head	29.91	58	SW	3	c	30.12	+	13	57	55	0	W	3	b	3	60	52	0.11	
York	29.89	63	W	3	b	30.13	+	16	60	54	+	7	W	3	c	*	64	51	0.16
Nottingham	29.96	58	SSW	2	c	30.15	+	18	62	57	+	7	WSW	1	c	*	65	47	0.12
†Ardrossan	29.80	57	WSW	3	c	30.06	+	31	57	52	+	3	W	2	c	1	60	52	0.01
†Mullaghmore	29.90	58	W	6	o	30.12	+	40	55	53	0	WSW	5	b	4	62	51	0.24	
Donaghadee	29.87	62	W	3	c	30.13	+	26	57	53	+	1	W	3	c	1	65	48	0.08
Parsonstown	29.99	59	SW	2	c	30.13	+	30	55	53	—	2	WSW	1	o	*	63	49	0.15
Barrow-in-Furness	29.90	58	SW	4	b	30.12	+	25	56	54	+	2	WNW	3	c	4	61	53	—
†Holyhead	29.94	60	SW	3	b	30.17	+	32	56	52	+	1	W	3	o	2	63	53	—
Liverpool (Bidston)	29.92	62	WSW	3	b	30.16	+	27	56	52	+	3	W	3	o	1	65	52	0.02
†Valentia	30.07	59	WSW	4	c	30.20	+	31	57	54	—	2	SW	2	o	2	63	52	0.01
Roche's Point	29.98	61	NNW	5	b	30.21	+	31	59	56	+	1	SSW	2	b	4	64	51	0.02
Pembroke	29.99	56	WSW	5	b	30.19	+	30	55	53	0	W	2	o	2	58	54	—	
†Scilly	30.11	60	W	5	c	30.26	+	27	59	57	—	1	S	1	o	6	62	54	—
Prawle Point	30.09	59	WSW	4	b	30.26	+	19	56	55	+	1	WSW	3	c	3	62	50	0.24
Hurst Castle	30.05	60	W	4	b	30.21	+	13	62	57	+	3	W	2	b	3	62	53	0.25
†Dover	30.04	55	SW	4	c	30.17	+	08	60	59	+	4	NNE	1	b	0	66	54	0.03
†London	30.02	56	SW	2	r	30.18	+	13	62	55	0	WSW	2	b	*	66	43	0.20	
Oxford	30.03	58	SW	4	b	30.19	+	16	60	56	+	4	Z	0	c	*	63	50	0.19
Cambridge	29.96	60	SSW	1	c	30.15	+	15	61	56	+	2	NW	1	b	*	66	48	0.13
†Yarmouth	29.98	61	SW	4	c	30.12	+	07	60	56	—	1	WNW	1	b	1	64	52	0.01
The Helder	30.02	60	SW	1	r	30.06	— 05	59	56	—	4	WNW	3	b	2	72	59	0.04	
Cape Gris Nez	30.10	56	WSW	5	c	30.17	+	09	57	56	—	6	W	4	b	?	68	54	0.04
†Jersey	30.16	59	W	4	b	30.31	+	14	58	56	—	1	W	3	b	3	61	53	0.28
Breot	30.21	61	WNW	3	b	30.29	+	15	57	55	—	2	NNE	1	b	2	70	54	0.20
Lorient	30.17	62	WNW	4	o	30.27	+	12	57	55	—	4	WNW	3	b	2	64	50	0.04
†Rochefort	30.16	69	NW	7	o	30.28	+	15	63	61	—	6	N	4	c	2	81	55	—
Biarritz	30.23	67	NW	7	r	30.27	+	12	65	62	+	1	E	5	c	3	72	61	—
Corunna	*	*	*	*	*	30.28	+	06	66	*	+	1	E	2	b	5	*	*	*
Brussels	*	*	*	*	*	30.22	— 01	60	57	—	5	W	3	c	*	77	56	0.20	
Charleville	30.07	75	NW	1	o	30.15	00	59	55	—	4	W	1	o	*	77	55	0.20	
Paris	30.09	69	Z	0	o	30.25	+	09	60	55	—	8	S	4	b	*	*	0.04	
Lyons	30.06	82	NE	1	b	30.22	+	05	59	58	—	12	NNW	3	o	*	89	58	0.95
Torlon	30.04	83	W	4	b	30.01	— 09	77	64	—	5	W	4	b	2	91	72	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.66	55	SW	4	o	28.86	+	19	53	50	+	3	WSW	4	o	*	58	45	0.04

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.04	60	53	SSE	8	b	5	Valentia ...	30.01	61	58	WSW	5	csp	5
Sumburgh Head								Scilly ...	30.08	62	60	WSW	5	b	5
Stornoway ...	29.59	58	57	SSW	6	c	6	Dover ...	30.07	58	57	WSW	3	c	1
Aberdeen ...	29.75	54	52	SSE	5	o	3	London ...	30.05	58	58	WSW	3	cd	*
Shields ...	29.83	58	56	SW	3	c	2	Yarmouth ...	30.00	62	58	WSW	2	r	2
Ardrossan ...	29.76	57	54	SSW	3	c	3	Jersey ...	30.17	55	55	SW	3	r	3
Mullaghmore ...	29.80	57	56	W	6	csp	5	Rochefort ...	30.22	77	70	W	4	o	2
Holyhead ...	29.91	61	55	SW	4	c	3								

Pressure is now recovering at all the W and SW stations, but still falls in the E and NE. The depression is passing away in a N<sup>o</sup> direction, and there is some improvement in the weather generally, though the sky is still cloudy with rain 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. 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

MONDAY, 27<sup>TH</sup> JUNE.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT

(SECRETARY.)



# WEATHER CHARTS

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

1881.

## BAROMETER, WIND & SEA

### Explanation of Map.

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

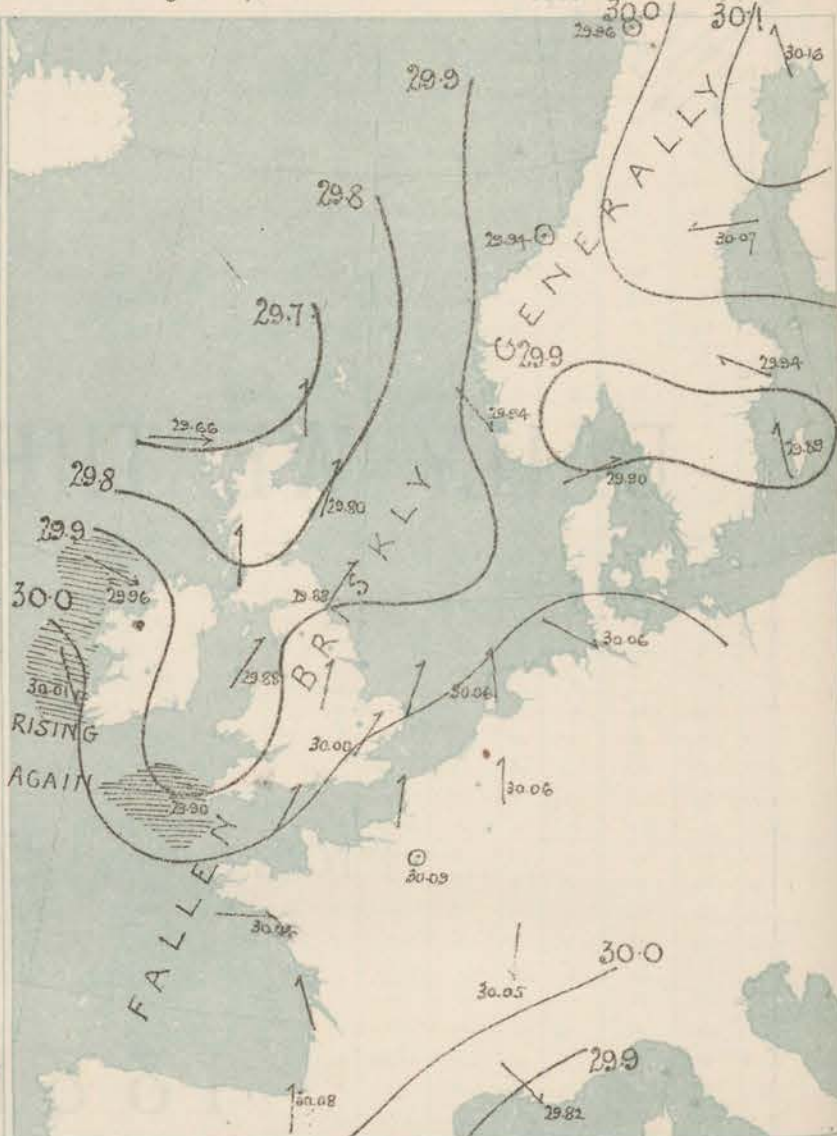
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
→ forces above 10; → forces 8 to 10;  
→ forces 5 to 7; → forces 1 to 4;  
○ = dead calm.

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

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

Stations	Mean Readings In.
Kairn	29.834
Aberdeen	29.839
Leith	29.869
Scarborough	29.907
Ardrossan	29.932
Greenock	29.985
Holyhead	30.013
Valentia	30.041
Roche's Pt.	30.038
Plymouth	30.060
LONDON	30.040
Yarmouth	30.027

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





# REMARKS

for MONDAY 27<sup>th</sup> JUNE 1887 at 8 a.m.

During the past night the barometer has fallen briskly over the whole of Western Europe, and several small depressions appear to have advanced over these islands. The centre of one is shown off the N. of Scotland, of a second over the Clyde, and of a third over the Bristol Channel. They have occasioned light to moderate SW<sup>ly</sup> and S<sup>ly</sup> winds over the Channel and greater part of England and Scotland, with dull rainy weather, but in the SW. a recovery of pressure has commenced, and the wind in Ireland has veered to NW. In Scandinavia the wind is governed by a shallow area of low pressure over the south of that region. Temperature has fallen at nearly all stations, and readings range from 61° at Nottingham to 50° at Bournemouth. The maxima yesterday were 72° in London and at Nottingham. The sea is rather rough off the west of Ireland, moderate to smooth on our other coasts.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

28<sup>th</sup> JUNE.

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

## DISTRICTS

## FORECASTS

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH

W<sup>ly</sup> and SW<sup>ly</sup> winds, fresh and light; dull, rain.

2 SCOTLAND EAST

SW<sup>ly</sup> winds, moderate; showery then fair.

3 ENGLAND N.E.

----- D° ----- D° ----- D° -----

4 ENGLAND EAST

S<sup>ly</sup> winds, light; dull, rainy weather; then W<sup>ly</sup> winds and sky clearing.

5 MIDLAND COUNTIES

----- D° ----- D° ----- D° -----

6 ENGLAND SOUTH

----- D° ----- D° ----- D° -----

6 SCOTLAND WEST

SW<sup>ly</sup> and NW<sup>ly</sup> winds, moderate; cloudy, showery, unsettled.

7 ENGLAND N.W.

----- D° ----- D° ----- D° -----

8 ENGLAND S.W.

W<sup>ly</sup> and NW<sup>ly</sup> winds, moderate and fresh; showery.

9 IRELAND NORTH

N<sup>ly</sup> and NW<sup>ly</sup> winds, moderate and fresh; dull, showery, cool.

10 IRELAND SOUTH

----- D° ----- D° ----- D° -----

## WARNINGS

None issued.



# METEOROLOGICAL OBSERVATIONS FOR

27<sup>th</sup> JUNE 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.									PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.			
			Dirac.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 15).			Max.	Min.	Amount of Rainfall.	
Haparanda ...	30.15	54	S	2	b-c	30.11	-18	55	50	+3	S	2	c	*	63	46	-	
Hernösand ...	30.12	49	SSE	2	b	30.07	-18	56	49	+7	E	2	b-c	*	63	41	-	
Stockholm ...	30.03	54	SE	2	b	29.94	-20	63	58	+5	SSE	4	b	*	70	48	-	
Wisby ...	29.99	61	SE	2	b	29.89	-18	71	62	+9	S	2	b	*	77	43	-	
Bodö ...	29.87	59	SW	4	o	29.96	+0.7	49	48	-1	2	o	A	o	68	48	0.08	
Christiansund ...	30.08	52	WSW	4	f	29.94	+1.4	53	49	0	E	1	o	1	55	43	-	
† Skutumpahes ...	30.08	52	WNW	4	c	29.94	+0.7	52	49	-2	NW	4	c	3	55	?	-	
Oxö (Xiansund) ...	29.97	57	SW	4	m	29.88	-0.3	54	54	+2	SW	2	c	1	59	52	-	
Skagen (The Skaw) ...	29.96	56	WSW	3	o	29.90	-0.3	55	53	-3	WSW	4	c	4	64	50	0.16	
Fanö † ...	30.07	54	NW	4	c	30.02	+0.9	60	54	+1	NW	4	b-c	*	?	48	-	
Cuxhaven ...	30.06	?	WNW	4	c	30.06	+0.9	59	54	-2	WNW	3	b	*	?	54	-	
† Sumburgh Head ...	29.97	53	SW	5	o	29.66	-2.7	50	50	-2	W	5	N	4	48	47	0.20	
† Stornoway ...	30.01	57	E	1	b-c	29.73	-2.2	52	50	-2	S	3	o-N	3	62	48	0.02	
Wick ...	29.97	59	SW	1	b-c	29.72	-2.5	53	52	-1	W	1	b-c	1	63	50	0.01	
† Aberdeen ...	30.03	57	N	1	b-c	29.80	-2.1	55	51	-4	SSW	4	c	2	66	48	-	
Leith ...	30.07	60	W	1	b	29.81	-2.3	55	51	-4	SSW	1	o-N	*	64	51	0.07	
† Shields ...	30.10	62	W	4	b	29.88	-1.9	52	50	-5	SW	2	o	1	64	49	0.03	
Spurn Head ...	30.14	60	E	3	b-c	29.93	-1.9	57	55	0	SSW	2	o	2	64	54	-	
York ...	30.15	57	W	2	b	29.92	-2.1	55	53	-5	SSW	1	N	*	67	52	0.01	
Nottingham ...	30.12	62	WSW	1	b-c	29.94	-2.1	61	56	-1	SSW	3	o	*	72	52	-	
† Ardrossan ...	30.06	57	S	2	b-c	29.79	-2.7	53	52	-4	S	4	p	3	62	52	0.11	
† Mullaghmore ...	30.04	57	Z	0	ovg	29.91	-2.1	55	52	0	WNW	5	ovg	5	61	53	0.38	
Donaghadee ...	30.07	56	W	3	c	29.83	-3.0	53	53	-4	WSW	3	o	1	64	52	0.19	
Parsonstown ...	30.09	60	WSW	1	o	29.91	-2.2	53	53	0	NW	1	c	*	63	52	0.28	
Barrow-in-Furness ...	30.16	58	SW	4	b	29.91	-2.1	54	53	-2	SE	3	N	4	62	53	0.08	
† Holyhead ...	30.14	59	SW	4	c	29.88	-2.9	55	55	-1	SW	3	d	2	62	54	0.07	
Liverpool (Bidston) ...	30.13	59	WNW	1	c	29.89	-2.7	54	52	-2	SSE	1	N	1	62	53	0.01	
† Valentia ...	30.06	57	SSE	4	og	30.01	-1.9	55	52	-2	NW	4	og	5	60	51	0.46	
Roche's Point ...	30.12	57	SSW	4	o	29.91	-3.0	55	51	-4	NNW	5	c	4	63	52	0.38	
Pembroke ...	30.13	55	WSW	1	o	29.84	-3.5	55	55	0	SSE	3	NNW	2	61	53	0.21	
† Scilly ...	30.22	59	S	2	o	29.90	-3.6	59	58	0	W	6	c	5	64	55	0.18	
Prawle Point ...	30.20	58	WSW	3	b	29.97	-2.9	53	53	-3	S	3	N	4	60	52	0.04	
Hurst Castle ...	30.20	59	W	4	b-c	30.00	-2.1	56	54	-6	SW	4	c	3	65	54	-	
† Dover ...	30.18	59	WSW	3	b-c	30.04	-1.3	56	54	-10	SW	3	b-c	1	67	54	-	
† London ...	30.17	69	WSW	2	b-c	30.00	-1.8	59	55	-3	SW	2	o	*	72	54	-	
Oxford ...	30.13	61	WSW	1	c	29.97	-2.2	57	54	-3	SW	2	og	*	69	53	-	
Cambridge ...	30.16	68	N	1	c	29.95	-2.0	58	55	-3	N	1	o	*	69	52	-	
† Yarmouth ...	30.18	58	SE	3	b-c	29.98	-1.4	59	56	-1	SSW	2	c	2	63	55	-	
The Helder ...	30.16	57	NW	1	b	30.06	-1.0	58	54	-1	S	1	b-c	1	61	50	-	
Cape Gris Nez ...	30.21	57	SSW	3	c	30.08	-0.9	57	57	0	SSW	3	c	2	64	54	-	
† Jersey ...	30.27	61	NW	2	b	30.05	-2.6	57	55	-1	SW	3	og-N	3	62	52	-	
Brest ...	30.25	63	NW	1	c	30.03	-2.6	57	56	0	SW	4	N	4	70	54	-	
Lorient ...	30.20	63	WNW	4	b	30.04	-2.3	60	56	+3	W	4	o	2	68	52	-	
† Rochefort ...	30.24	66	NW	5	b	30.07	-2.1	62	58	-1	SSE	4	b	2	?	?	-	
Biarritz ...	30.20	66	N	5	b-c	30.08	-1.9	70	65	+5	S	1	b-c	4	73	59	-	
Corunna ...	*	*	*	*	*	30.06	-0.6	62	56	+2	S	1	o	*	69	54	-	
Brussels ...	*	*	*	*	*	30.10	-0.5	59	54	0	S	1	o	*	70	48	-	
Charleville ...	30.11	67	NW	1	b	30.09	-1.6	63	58	+3	Z	0	b-c	*	*	*	-	
Paris ...	30.21	68	WNW	3	b	30.09	-1.6	63	58	+3	Z	0	b-c	*	*	*	-	
Lyons ...	30.17	66	NNE	3	b-c	30.05	-1.7	60	54	+1	N	4	b	*	70	54	-	
Toulon ...	29.86	74	NW	8	b	29.82	-1.9	76	61	-1	NW	1	b	2	82	63	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.91	54	SSW	3	b-c	28.66	-2.0	52	50		SSW	3	o	*	57	45	0.03	

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

Hawes Junction	29.91	54	SSW	3	b-c	28.66	-2.0	52	50	+2	SSW	3	57	45	0.03
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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 ...	29.97	55	53	NW	6	of	5	Valentia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	30.23	69	63	NW	5	6	2
Holyhead ...															

## EXPLANATION OF COLUMNS.

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

TUESDAY, 28<sup>TH</sup> JUNE.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE



116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



Printed & Published by T. G. & Co. 116, Victoria St. London S.W.



# WEATHER CHARTS

for 8 a.m. on Tuesday 28<sup>th</sup> JUNE.

1881

## BAROMETER, WIND & SEA.

### Explanation of Map.

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

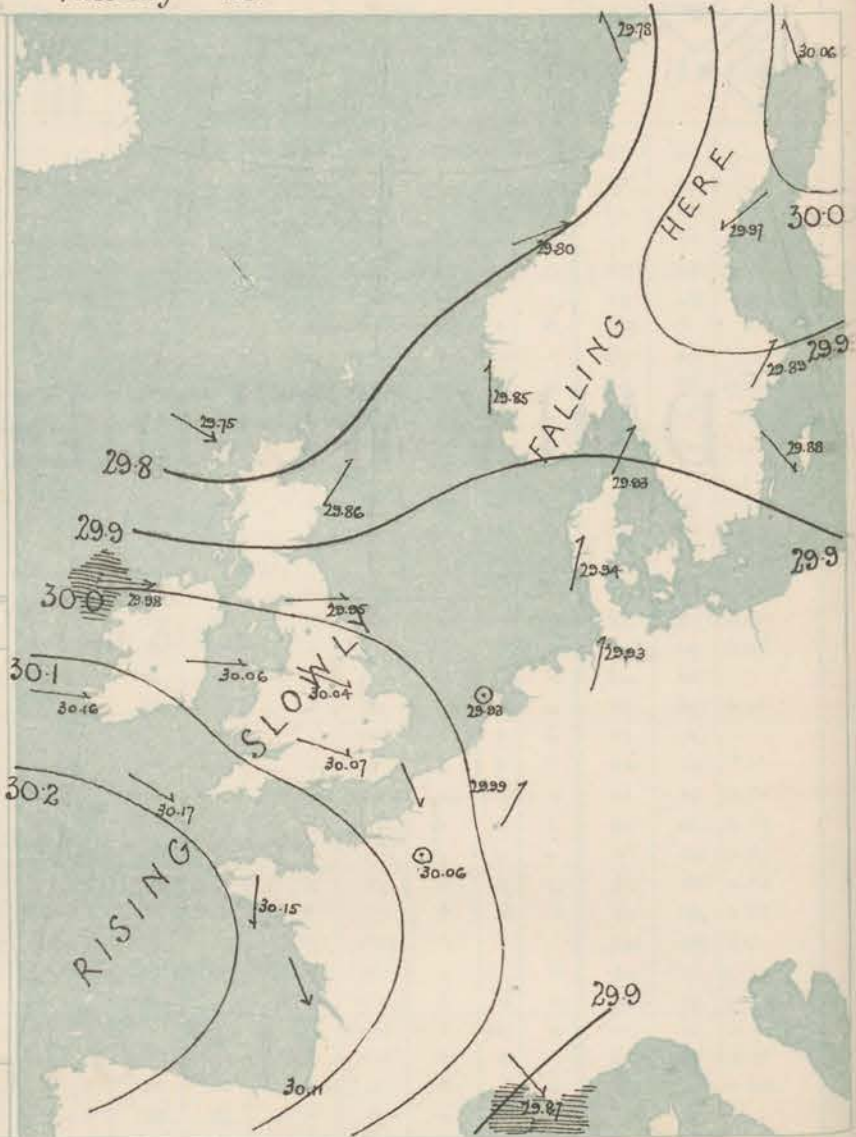
**Wind.** Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:   
 → force above 10;   
 → force 8 to 10;   
 → force 6 to 7;   
 → force 4 to 5;   
 ○ = dead calm.

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

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

Stations.	Mean Readings Ins.
Kairn	29.934
Aberdeen	29.932
Leith	29.949
Scarborough	30.002
Ardrossan	29.983
Greenock	29.986
Holyhead	30.013
Valentia	30.043
Roske's Pt.	30.053
Plymouth	30.060
LONDON	30.040
Yarmouth	30.027

\* 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.

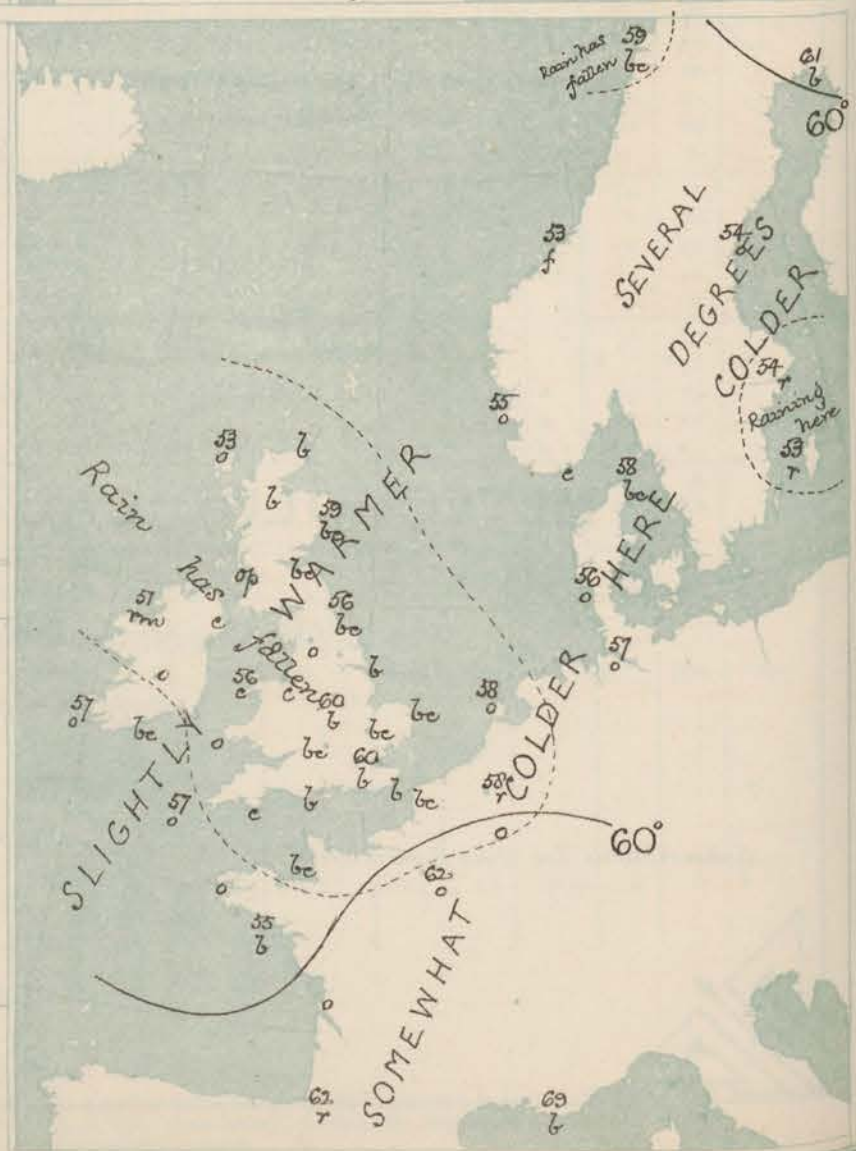
**Weather.** Letters of the Beaufort Scale show state of Weather at 8 a.m.

**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 June

Stations	Temp.	Rain-fall.
Sundbury Head	51.8	1.15
Seacombe	53.4	3.03
Aberdeen	56.3	1.62
Shields	58.0	1.08
York	58.8	2.39
Malborough	58.1	7
Holyhead	58.8	1.61
Barrow-in-Strathairn	59.6	2.01
Valentia	58.8	2.85
Sally (St. Mary's)	60.2	2.23
Hurst Castle	59.9	7
Dover	59.7	1.76
LONDON	61.2	2.77
Yarmouth	59.5	2.23

\* 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> June 1881 at 8 a.m.

The barometer is falling over the whole of Scandinavia, and rising over the whole of these Islands and France. The changes are, however, slight everywhere, and the increase in the north of Ireland is so slight as to point to the probability of the approach of a new depression. The wind is N<sup>W</sup> on all our coasts, but draws into N. over France, and into S. over Denmark, Norway and Sweden; in most places it is light or moderate in force, but both at Mullaghmore and Howsay it blows freshly or strongly. The weather is fine over the greater part of Scotland and England, and in the north of France, but is cloudy or dull elsewhere, with rain at Biarritz, on our NW. coast and over the Baltic. Slight rain has occurred generally. Temperature has fallen several degrees in Sweden, and slightly over Denmark and France, readings range from 62° at Dover to 51° at Mullaghmore. The maxima varied between 55° and 65°. The sea is moderate to slight except at Mullaghmore.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

29<sup>th</sup> JUNE

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W <sup>ly</sup> to SW <sup>ly</sup> breezes, moderate; some showers then fine.	6 SCOTLAND WEST	SW <sup>ly</sup> to NW <sup>ly</sup> winds, moderate; showery.
2 SCOTLAND EAST	—D°—D°—D°—	7 ENGLAND N.W.	—D°—D°—D°—
3 ENGLAND N.E.	Wind backing to SW. with showery weather, then veering again and clearing.	8 ENGLAND S.W.	W <sup>ly</sup> winds, moderate; cloudy, slight showers.
4 ENGLAND EAST	—D°—D°—D°—	9 IRELAND NORTH	W <sup>ly</sup> and NW <sup>ly</sup> winds, moderate and fresh; cloudy, cool, showery.
5 MIDLAND COUNTIES	—D°—D°—D°—	10 IRELAND SOUTH	—D°—D°—D°—
6 ENGLAND SOUTH	W <sup>ly</sup> winds, moderate; some showers then fine.	WARNINGS	None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

28<sup>th</sup> JUNE

1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.								FAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 2).	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	29.06	59	Z	0	b		29.06	-0.05	61	50	+6	S	2	6	*	68	48	-
Hernösand	29.99	51	ESE	2	0		29.97	-1.0	54	49	-2	ENE	2	0	*	66	41	-
Stockholm	29.90	59	SE	2	0		29.89	-0.05	54	54	-9	WSW	2	2	*	72	52	0.20
Wisby	29.89	57	WSW	4	0		29.88	-0.01	53	52	-18	NNW	2	2	*	81	45	0.28
Bodö	29.86	54	Z	0	n		29.78	-18	59	53	+10	SE	2	60	1	?	48	0.24
Christiansund	29.79	55	NE	1	60		29.80	-14	53	51	0	WSW	1	f	1	57	43	-
†Skudesnaes	29.85	54	SE	4	0		29.85	-0.09	55	53	+3	S	2	0	3	57	54	-
Oxö (Xiaosund)	29.86	53	SW	6	60		29.87	-0.01	58	57	+1	S	4	0	2	?	52	-
Skagen (The Skaw)	29.91	53	WSW	4	6		29.93	+0.03	58	52	+3	SW	3	60	2	61	48	-
Fano	29.95	53	SW	2	0		29.94	-0.08	56	55	-4	SSW	2	0	*	61	48	0.04
Cuxhaven	29.99	?	WNW	2	e		29.93	-13	57	53	-2	SEW	2	0	*	61	54	-
†Sumburgh Head																		
†Stornoway	29.72	54	WNW	5	0		29.75	+0.09	53	52	+3	WNW	5	0	4	59	45	0.09
Wick	29.74	55	NW	3	60		29.79	+0.06	55	51	+3	W	3	6	2	60	45	0.02
Nairn	29.75	60	SW	2	60		29.80	+0.08	57	52	+2	SW	3	6	2	63	46	0.04
†Aberdeen	29.77	57	Z	0	60		29.86	+0.06	59	52	+4	SW	1	60	1	62	48	0.10
Leith	29.81	61	NW	1	6		29.91	+1.0	58	52	+3	W	1	60	*	65	46	0.05
†Shields	29.81	61	W	1	e		29.95	+0.07	56	52	+4	W	3	60	1	62	44	0.07
Spurn Head	29.88	59	SW	2	0		30.05	+1.2	56	54	-1	W	4	6	4	64	51	0.04
York	29.86	59	SSW	1	0		30.01	+0.09	56	51	+1	W	2	6	*	63	45	0.04
Nottingham	29.89	58	W	1	n		30.04	+1.0	60	55	-1	WNW	2	6	*	66	44	0.17
†Ardrossan	29.84	56	WNW	3	6		29.92	+1.0	53	51	0	SW	4	0	3	59	50	0.02
†Mullaghmore	29.94	55	W	6	cpt		29.98	+0.07	51	50	-4	W	6	nmv	5	59	49	0.05
Donaghadee	29.91	52	SW	2	e		30.00	+1.0	53	51	0	SW	2	e	0	61	46	0.15
Parsonstown	30.01	57	WNW	1	60		30.08	+1.0	55	50	0	WSW	1	0	*	62	50	0.01
Barrow-in-Furness	29.90	58	NW	3	6		30.01	+1.0	55	52	+1	SW	4	0	4	60	52	0.10
†Holyhead	29.95	60	WNW	3	6		30.06	+1.0	56	53	+1	W	2	e	2	60	50	0.11
Liverpool (Midtown)	29.92	58	W	3	6		30.04	+1.0	54	50	0	W	4	0	2	60	52	0.06
†Valentia	30.10	57	W	4	0		30.16	+1.0	57	54	+2	W	3	0	3	61	50	-
Roche's Point	30.07	58	NNW	5	60		30.14	+1.0	57	53	+2	WSW	4	60	4	61	51	-
Pembroke	29.95	58	WNW	2	6		30.08	+1.0	54	52	-1	WNW	3	6	2	61	53	0.04
†Scilly	30.05	59	NW	6	60		30.17	+1.0	57	54	-2	WNW	2	0	4	60	54	-
Prawle Point	29.95	59	WNW	5	60		30.15	+1.0	58	54	+5	NW	3	0	2	64	48	0.02
Hurst Castle	29.91	57	W	3	om		30.10	+1.0	57	54	+1	N	3	6	2	57	48	0.10
†Dover	29.92	57	SW	3	pef		30.03	-0.01	62	55	+6	N	4	6	2	62	54	0.06
†London	30.02	58	SW	2	op		30.07	+0.07	60	53	+1	WNW	2	6	*	62	49	0.04
Oxford	29.93	57	W	1	60		30.08	+1.0	58	52	+1	WNW	2	60	*	60	47	0.04
Cambridge	29.89	58	S	1	0		30.04	+0.09	58	54	0	NW	1	60	*	59	47	0.07
†Yarmouth	29.90	58	Z	0	e		30.01	+0.03	57	52	-2	NNW	2	60	2	65	53	0.27
The Helder	29.94	60	SW	1	n		29.93	-1.3	58	56	0	WSW	1	0	1	68	57	0.12
Cape Gris Nez	29.97	56	SW	5	n		30.05	-0.03	55	54	-2	NNW	5	60	3	66	54	0.08
†Jersey	30.00	58	W	4	mc		30.18	+1.0	58	54	+1	NNW	4	60	4	60	52	0.02
Brest	30.10	59	NNW	5	6		30.21	+1.0	57	54	0	n	4	0	2	61	52	-
Lorient	30.03	61	NNW	4	60		30.15	+1.0	55	53	-5	N	4	6	2	68	50	-
†Rochefort	30.04	66	WNW	7	60		30.12	+0.05	61	57	-1	NNW	6	0	2	75	55	-
Biarritz	30.07	66	N	5	e		30.11	+0.03	62	59	-8	S	4	n	3	?	57	-
Corunna	*	*	*	*	*				*						*	*	*	*
Brussels	*	*	*	*	*		29.99	-0.07	58	56	-4	W	1	n	*	73	57	0.12
Charleville	29.96	69	SW	1	0		29.99	-1.1	62	58	+3	SW	1	0	*	73	56	-
Paris	29.97	69	Z	0	0		30.06	-0.03	60	58	-3	Z	0	0	*	*	*	-
†Lyons	29.94	72	N	1	6		30.03	-0.02	65	58	+5	NW	1	60	*	75	57	-
Toulon	29.82	80	W	3	6		29.87	+0.05	69	58	-7	NW	4	6	5	90	64	-

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

Hawes Junction	28.63	56	W	4	60		28.75	+0.09	50	47	-2	W	5	0	*	58	42	0.04
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

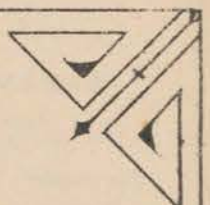
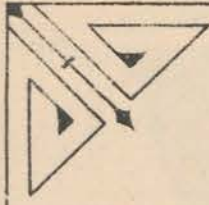
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.89	57	50	WSW	2	e	3	Valentia ...	30.08	58	54	WNW	4	6	3
Sumburgh Head								Scilly ...	29.91	60	57	NW	7	60	5
Stornoway ...	29.70	59	58	WNW	5	e	4	Dover ..	29.96	60	58	SW	1	60	0
Aberdeen ...	29.74	56	53	S	4	0	2	London ...	29.92	62	57	SW	2	op	*
Shields ...	29.82	58	56	SW	3	n	2	Yarmouth ...	29.93	63	58	WSW	2	n	2
Ardrossan ...	29.82	56	51	WNW	3	60	2	Jersey ...	30.00	59	58	SSW	3	0	5
Mullaghmore ...	29.92	58	54	W	6	e	5	Rochefort ...	30.05	69	62	WNW	7	60	2
Holyhead ...	29.98	59	56	WNW	4	6	3								

Pressure is decreasing in the E. but is not changing much in the W. Fresh NW breezes prevail in the W. and light SW breezes in the E. and the weather is cloudy, dull, and showery. Temperature ranges from 62° in London to 54° at Wick.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

FOR

WEDNESDAY, 29<sup>TH</sup> JUNE.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

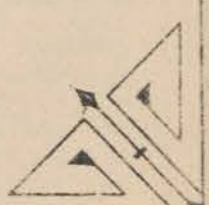
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Wednesday, 29<sup>th</sup> JUNE 1881.

## BAROMETER, WIND & SEA

### Explanation of Map.

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

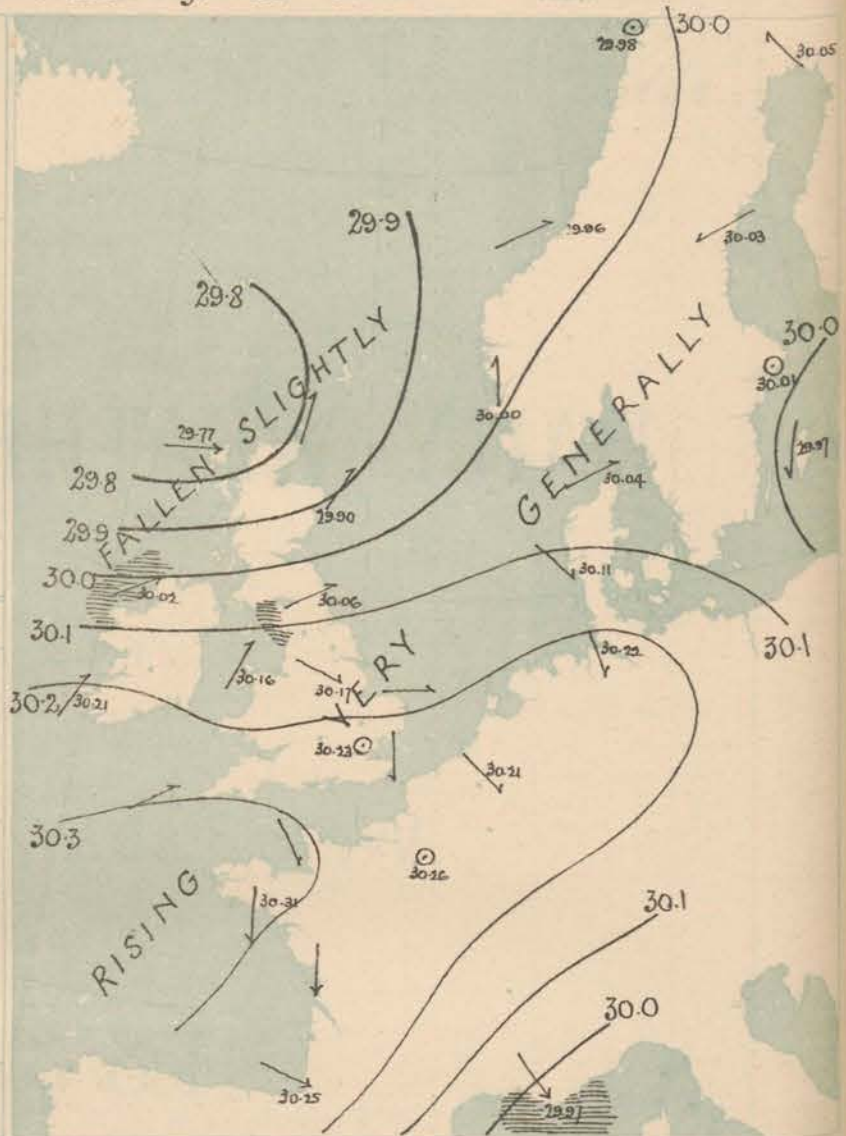
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
 — forces above 10; — forces 8 to 10  
 — forces 5 to 7; — forces 1 to 4;  
 ○ = dead calm.

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

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

Stations.	Mean Readings Inch.
Nairn	29.934
Aberdeen	29.939
Leith	29.969
Scarborough	30.007
Ardrossan	29.987
Greenock	29.984
Holyhead	30.013
Valentia	30.041
Roche's Pt.	30.033
Plymouth	30.060
LONDON	30.040
Farmouth	30.027

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



## TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

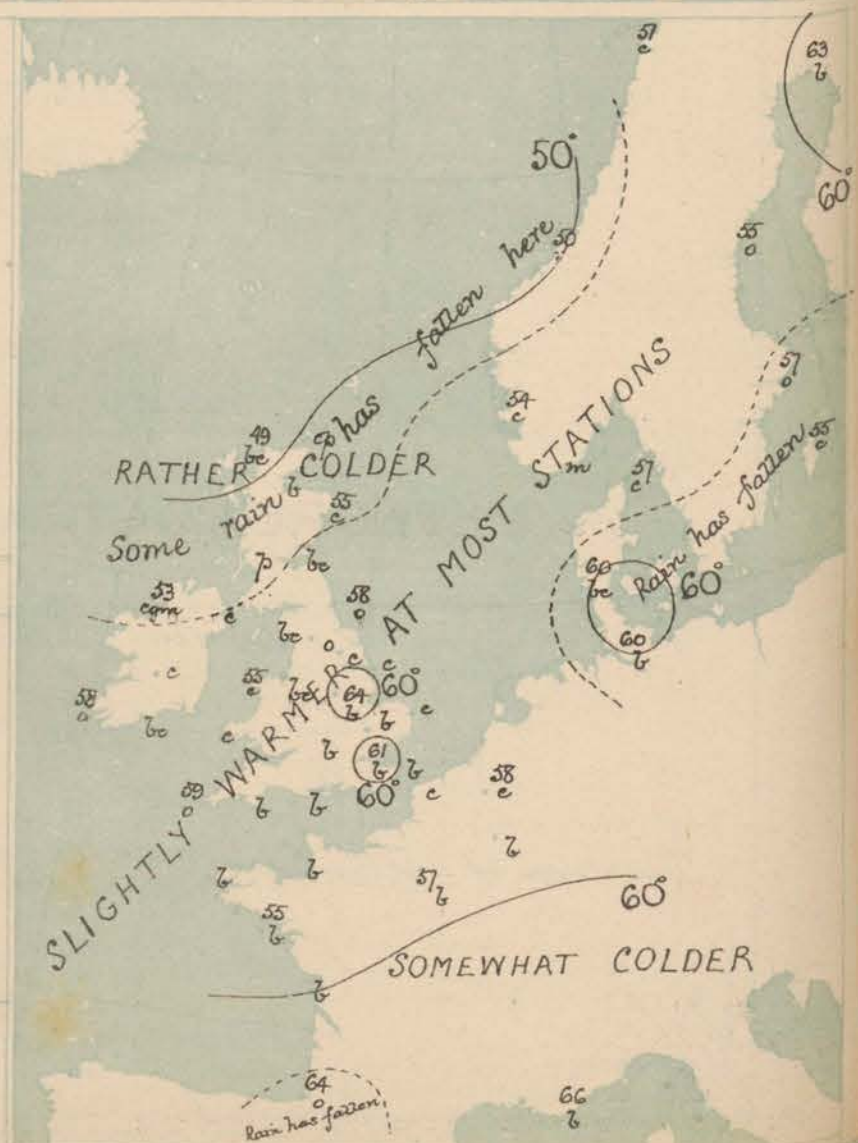
### Explanation of Map.

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

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

Stations	Temp.	Rain-fall Inch.
Sandwich Head	53.6	1.15
Scornway	53.4	4.00
Aberdeen	56.3	7.62
Shields	58.0	1.06
Leith	58.2	7.39
Millaghmore	58.1	7
Holyhead	58.6	1.61
Portsmouth	58.0	2.01
Valentia	58.8	2.85
Sally (St Mary's)	60.2	2.23
Hurst Castle	59.9	7
Dover	59.2	1.76
LONDON	61.2	2.17
Farmouth	59.3	2.23

\* 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 29<sup>th</sup> JUNE. 1881. at 8 a.m.

The barometer has fallen slightly in the NW. and N., and a large depression lies apparently to the NW of Scotland, but in the S., over France, and to the E<sup>nd</sup> of the North Sea the mercury is rising, and an anticyclone has been formed over France and the Channel. Within this area of high pressure light N<sup>W</sup> breezes prevail, but on all our coasts W<sup>W</sup> to SW<sup>W</sup> winds are reported, varying from a light breeze in the S. to a fresh or strong breeze in the N. The weather is cloudy or misty over Ireland and showers of rain are reported from Ardrossan and Nisbet, but elsewhere the sky is clear or nearly so. Scarcely any rain has fallen within our Islands, but thunder was heard at Oxford yesterday.

Temperature has risen in most places except Scotland, and readings range from 61° in London to 49° at Stromway. The sea is rather rough at Mullaghmore and Barrow in L<sup>an</sup>es, moderate to smooth on our other coasts.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the  
30<sup>th</sup> JUNE.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W <sup>W</sup> winds, fresh; cloudy, some showers	6 SCOTLAND WEST	SW <sup>W</sup> winds, fresh, some showers.
2 SCOTLAND EAST	SW <sup>W</sup> breezes, moderate; rather cloudy, fair.	7 ENGLAND N.W.	SW <sup>W</sup> to W <sup>W</sup> winds, moderate and fresh; fair.
3 ENGLAND NE	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	8 ENGLAND S.W.	W <sup>W</sup> winds, moderate and light; cloudy, fair.
4 ENGLAND EAST	W <sup>W</sup> winds, light; fair.	9 IRELAND NORTH	SW <sup>W</sup> winds, moderate and strong; cloudy, dull, slight rain.
5 MIDLAND COUNTIES	W <sup>W</sup> and NW <sup>W</sup> breezes light; rather cloudy but fair and warm.	10 IRELAND SOUTH	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
6 ENGLAND SOUTH	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

29<sup>th</sup> JUNE

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.03	60	SW	2	6	30.05	+0.1	60	58	+2	SE	2	6	*	68	54	-		
Hernösand ...	29.96	52	2	0	0	30.03	+0.6	55	53	+1	ENE	2	0	*	68	41	-		
Stockholm ...	29.97	57	2	0	0	30.01	+0.12	57	54	+3	2	0	0	*	63	50	0.16		
Wisby ...	29.95	53	W	2	2	29.97	+0.9	55	53	+2	NNE	2	0	*	59	46	0.12		
Bodö ...	29.92	60	2	0	0	29.98	+0.20	57	50	-8	2	0	0	0	64	46	-		
Christiansund...	29.91	54	NW	1	0	29.96	+0.16	50	48	-3	WSW	2	N	2	59	43	0.08		
†Skudesnaes ...	29.95	57	SW	1	0	30.00	+0.15	54	52	-1	S	2	0	3	57	?	-		
Oxö (Xmasö) ...	29.94	54	SW	2	m	30.02	+0.15	57	54	-1	SW	2	m	2	61	50	-		
Skagen (The Skaw)	29.99	58	SSW	2	0	30.04	+0.11	57	53	-1	WSW	3	0	2	63	54	-		
Fanö ...	30.05	53	WNW	4	0	30.11	+0.17	60	54	+4	NW	4	bc	*	63	46	0.16		
Cuxhaven ...	29.95	?	N	2	0	30.22	+0.29	60	55	+3	NNW	3	6	*	63	54	0.01		
†Sumburgh Head																			
†Stornoway ...	29.84	56	WNW	5	0	29.77	+0.2	49	48	-4	W	5	bc	4	58	47	0.15		
Wick ...	29.90	54	E	2	0	29.81	+0.2	54	51	-1	SSW	3	0	3	60	47	0.16		
Nairn ...	29.90	54	SW	1	6	29.83	+0.03	55	62	-2	SW	4	6	2	64	50	-		
†Aberdeen ...	29.91	58	2	0	p	29.90	+0.4	55	52	-4	SW	4	0	2	65	48	0.21		
Leith ...	29.95	60	W	1	bc	29.96	+0.05	56	52	-2	WSW	2	bc	*	65	49	0.01		
†Shields ...	30.00	60	W	4	0	30.06	+0.11	58	54	+2	WSW	3	0	1	63	48	-		
Spurn Head ...	30.06	60	WSW	3	bc	30.15	+0.10	57	54	+1	WSW	4	0	2	62	52	-		
York ...	30.03	60	W	3	0	30.14	+0.13	59	54	+3	W	2	0	*	65	47	-		
Nottingham ...	30.10	59	WNW	1	0	30.17	+0.13	64	57	+4	WNW	2	6	*	66	47	-		
†Ardrossan ...	29.99	56	WSW	3	p	29.97	+0.08	53	51	0	SW	5	p	4	61	52	0.06		
†Mallaghmore ...	30.04	57	WSW	4	0	30.02	+0.04	53	51	+2	WSW	6	0	5	60	50	0.23		
Donaghadee ...	30.06	58	NW	2	0	30.04	+0.04	54	52	+1	WSW	3	0	1	63	49	-		
Parsonstown ...	30.13	59	WSW	1	0	30.14	+0.06	56	52	+1	SW	2	0	*	62	51	-		
Barrow-in-Furness	30.08	57	SW	5	0	30.11	+0.10	55	52	0	S	5	bc	5	60	54	-		
†Holyhead ...	30.11	59	WSW	3	0	30.16	+0.10	55	53	-1	SW	4	0	3	61	51	-		
Liverpool (Bidston)	30.09	59	W	4	0	30.15	+0.11	59	53	+5	WSW	1	bc	1	61	51	-		
†Valentia ...	30.20	57	WSW	4	0	30.21	+0.05	58	55	+1	SW	4	0	4	62	52	-		
Roche's Point ...	30.16	59	NW	4	bc	30.21	+0.07	57	53	0	W	4	bc	4	63	52	-		
Pembroke ...	30.13	55	W	3	0	30.20	+0.12	56	54	+2	WSW	4	0	2	60	53	-		
†Scilly ...	30.21	59	WNW	4	bc	30.29	+0.12	59	56	+2	WSW	2	0	4	62	53	-		
Prawle Point ...	30.19	57	W	3	0	30.30	+0.15	57	55	-1	W	2	6	1	61	48	-		
Hurst Castle ...	30.14	61	W	4	bc	30.27	+0.17	56	54	-1	WNW	2	6	2	65	47	-		
†Dover ...	30.10	60	SW	2	0	30.22	+0.19	60	55	-2	N	2	6	1	66	55	-		
†London ...	30.13	62	WNW	2	0	30.20	+0.16	61	53	+1	W	1	6	*	68	50	-		
Oxford ...	30.14	58	SW	2	0	30.23	+0.15	57	53	-1	W	1	6	*	63	46	-		
Cambridge ...	30.10	62	NW	1	0	30.20	+0.16	59	53	+1	SW	1	6	*	68	51	-		
†Yarmouth ...	30.09	58	SSW	1	bc	30.19	+0.18	58	54	+1	W	1	0	1	62	52	-		
†The Helder ...	30.10	59	WNW	1	6	30.16	+0.23	58	54	0	WSW	1	0	1	61	57	-		
Cape Gris Nez ...	30.13	58	WNW	4	0	30.23	+0.18	57	55	+2	NW	3	0	2	66	54	-		
†Jersey ...	30.23	59	WNW	4	6	30.33	+0.15	58	54	0	NW	2	6	2	62	50	-		
Brest ...	30.23	59	N	3	6	30.36	+0.15	55	52	-2	NNE	1	6	3	63	50	-		
Lorient ...	30.17	64	NW	4	0	30.31	+0.16	55	52	0	N	4	6	2	70	50	-		
†Rochefort ...	30.12	66	WNW	7	bc	30.25	+0.13	60	55	-1	N	5	6	2	72	52	-		
Biarritz ...	30.16	64	N	4	0	30.25	+0.14	64	57	+2	WNW	5	0	3	68	57	0.12		
†Corunna ...	*	*	*	*	*	30.22	-	64	*	-	NNE	4	6	7	*	*	*		
Brussels ...	*	*	*	*	*	30.21	+0.22	58	52	0	NW	3	0	*	?	?	-		
Charleville ...	30.06	66	?	4	bc	30.19	+0.20	58	52	-4	SW	1	6	*	75	46	-		
Paris ...	30.11	64	NW	3	0	30.26	+0.20	57	50	-3	2	0	6	*	*	*	-		
Lyons ...														*					
Toulon ...	29.89	77	W	7	m	29.97	+0.10	66	59	-3	NW	7	6	5	88	64	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.82	53	W	5	0	28.86	+0.11	50	48	0	WSW	4	0	*	56	44	-		

## HIGH LEVEL STATION.

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

Hawes Junction	28.82	53	W	5	0	28.86	+0.11	50	48	0	WSW	4	0	*	56	44	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.90	56	54	SW	2	2	3	Valentia ...	30.18	60	56	W	4	om	4
Sumburgh Head								Scilly ...	30.19	61	58	WNW	2	c	4
Stornoway ...	29.81	56	55	WNW	5	cq	4	Dover ..	30.10	63	58	SW	1	bc	1
Aberdeen ...	29.86	61	54	e	3	c	1	London ...	30.09	64	56	WNW	2	o	*
Shields ...	29.96	61	55	SW	3	c	2	Yarmouth ...	30.06	60	58	NW	1	bc	1
Ardrossan ...	29.96	60	54	WSW	3	bc	3	Jersey ...	30.22	61	55	WNW	3	c	3
Mullaghmore ...	30.03	57	53	W	6	ogm	5	Rochefort ...	30.12	71	62	WNW	4	c	2
Holyhead ...	30.09	60	55	WSW	4	c	3								

Pressure has increased everywhere since 8 a.m. but the increase has ceased at Valentia since noon. The wind is fresh from the W<sup>t</sup> in the NW, moderate or light from W. to SW. elsewhere. the weather is rather cloudy.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

FOR

THURSDAY, 30<sup>TH</sup> JUNE.

1881.

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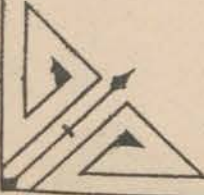
ISSUED BY THE

METEOROLOGICAL OFFICE

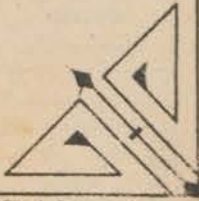
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ROBERT H. SCOTT  
(SECRETARY.)





# WEATHER CHARTS

for 8 a.m. on Thursday 30<sup>th</sup> JUNE.

1881

## BAROMETER, WIND & SEA

### Explanation of Map

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

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

☉ - dead calm.

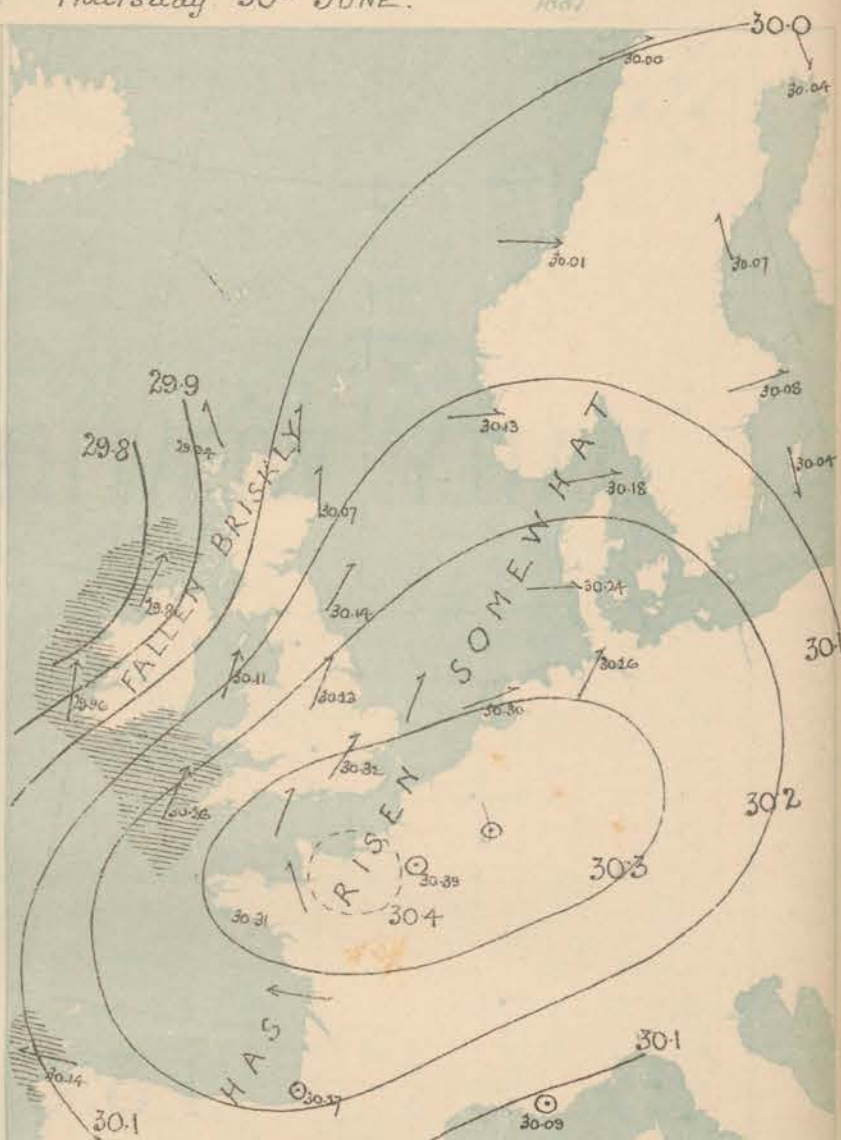
Sea Disturbance, where considerable, is shown by shading round the coast: thus: - Rough; - High.

## MEAN\* HEIGHT of the BAROMETER

for the month of June

Stations	Mean Readings In.
Nairn	29.974
Aberdeen	29.939
Leith	29.969
Scarborough	30.002
Ardrossan	29.982
Greenock	29.985
Holyhead	30.013
Valencia	30.041
Rochester	30.033
Plymouth	30.000
LONDON	30.046
Falmouth	30.023

\* 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.

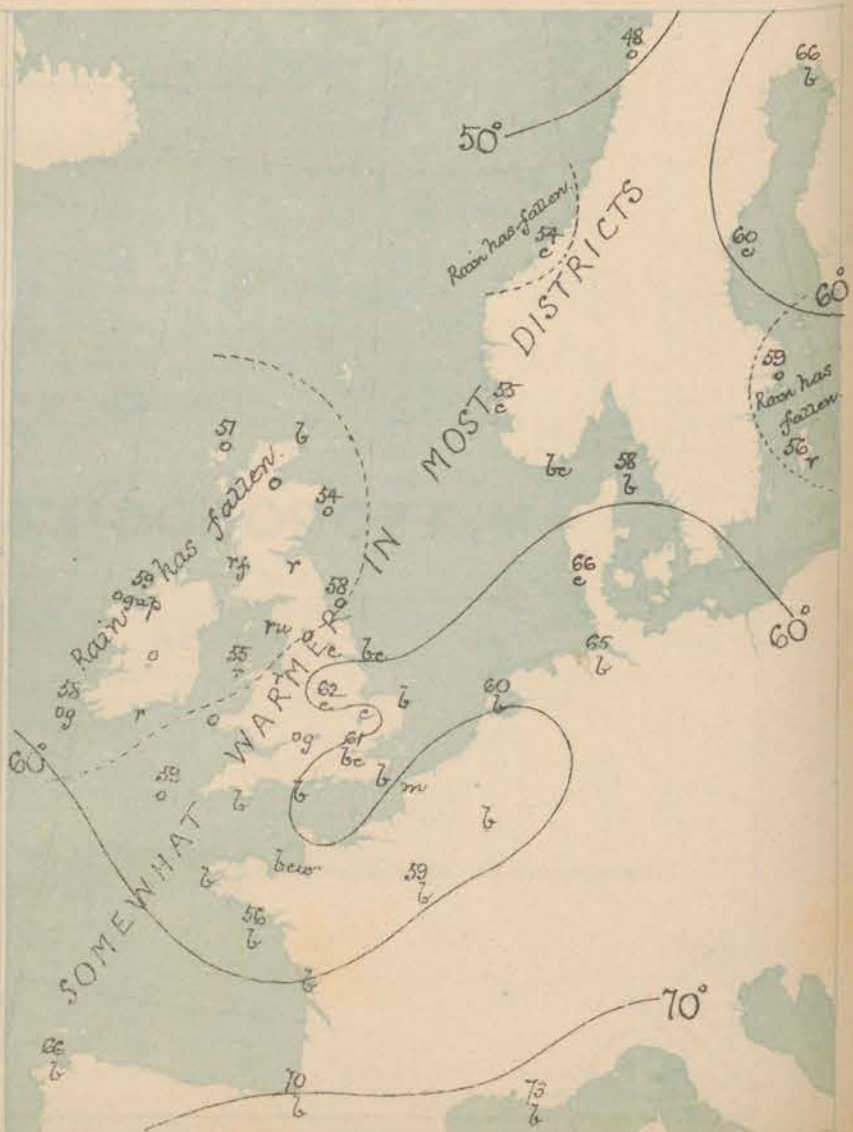
Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of June

Stations	Temp	Rain-fall
Sandburgh Head	51.4	1.18
Stornoway	52.4	3.05
Aberdeen	56.3	1.82
Stuelis	58.0	1.66
Leith	58.8	2.39
Mullaghmore	58.1	1.01
Holyhead	58.8	1.01
Parsonstown	58.9	2.01
Valencia	58.8	2.86
Sally (St Mary's)	60.2	2.23
Hurst Castle	59.9	2.01
Dover	59.7	1.78
LONDON	61.2	2.17
Falmouth	59.3	2.23

\* 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 30<sup>th</sup> JUNE 1881 at 8 a.m.

During the past night a decided fall of the barometer has taken place in the W, and a well marked depression lies apparently off the NW coast of Ireland. The influence of this disturbance has extended to nearly all parts of our area, but to the E<sup>nd</sup> of the North Sea, as well as over France, and the SE. of England, the mercury is rising, and a large and distinct area of high pressure is shown. E<sup>st</sup> breezes prevail over the Bay of Biscay, S<sup>st</sup> winds on all our coasts, and W<sup>st</sup> winds over Norway and Denmark. On our western coast the wind blows strongly, but elsewhere it is light or moderate. Fine, bright, weather prevails at the French and our SE stations, but elsewhere the sky is overcast with rain in several places. Rather heavy rain has fallen in S. Ireland during the night. Temperature has risen somewhat, and readings range from 63° at Yarmouth to 51° at Stromway. The maxima yesterday were above 70° over Central England, but scarcely exceeded 60° on our W. and NW coasts. The sea is rough at Sully and off the Irish coast, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the  
1<sup>st</sup> JULY.

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

S<sup>st</sup> winds, strong, perhaps a slight gale; dull, rain.

2 SCOTLAND EAST

SW<sup>st</sup> and S<sup>st</sup> winds, fresh or strong; dull, some rain, then improving.

3 ENGLAND N.E.

D<sup>st</sup> D<sup>st</sup> D<sup>st</sup>

4 ENGLAND EAST

SW<sup>st</sup> breezes, light or moderate; fair till evening, then dull and some rain, afterwards clearing again.

5 MIDLAND COUNTIES

D<sup>st</sup> D<sup>st</sup> D<sup>st</sup>

6 ENGLAND SOUTH

D<sup>st</sup> D<sup>st</sup> D<sup>st</sup>

6 SCOTLAND WEST

S<sup>st</sup> and SW<sup>st</sup> winds, fresh or strong, rainy

7 ENGLAND N.W.

SW<sup>st</sup> winds, moderate and fresh; showery then fair.

8 ENGLAND S.W.

S<sup>st</sup> winds, fresh and strong; showers then fair.

9 IRELAND NORTH

Same as No 7

10 IRELAND SOUTH

Same as No 7

### WARNINGS

NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

30<sup>th</sup> JUNE

1881.

YESTERDAY EVENING.							8 A.M. TO DAY.										LAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 13).		Max.	Min.				
Haparanda	30.07	59	2	0	b	30.04	-0.1	66	54	+3	N	2	6	68	52	-			
Hernösand	30.04	54	SE	2	c	30.07	+0.4	60	56	+5	S	2	c	61	45	-			
Stockholm	30.05	59	SW	2	0	30.08	+0.7	59	55	+2	W	2	0	75	55	0.04			
Wisby	30.01	60	2	0	0	30.04	+0.7	56	54	+1	N	2	2	66	52	0.08			
Bodö	29.93	52	2	0	b	30.00	+0.2	48	47	-3	WSW	?	0	57	46	-			
Christiansund	29.97	56	NNE	4	b	30.01	+0.5	54	51	+4	W	6	c	57	43	0.08			
†Skudeuaes	30.07	55	S	6	b	30.13	+1.3	55	52	+1	N	2	c	59	55	-			
Örö (Xsiansund)	30.12	56	SW	4	b	30.14	+1.2	59	57	+2	WSW	2	b	59	50	-			
Skagen (The Skaw)	30.12	55	W	2	b	30.18	+1.4	58	54	+1	N	3	b	66	50	-			
Fanö	30.22	54	WNW	2	b	30.24	+1.3	66	60	+6	N	4	c	?	50	-			
Cuxhaven	30.19	?	WNW	2	b	30.26	+0.4	65	60	+5	SW	2	b	?	52	-			
†Sumburgh Head																			
†Stornoway	29.96	55	WNW	4	b	29.94	+1.4	51	51	+2	SSE	4	c	56	42	0.07			
Wick	29.95	56	NW	2	c	30.08	+1.2	54	51	0	S	2	b	60	43	0.05			
Nairn	30.00	56	W	6	c	30.02	+1.0	54	50	-1	2	0	1	61	42	0.09			
†Aberdeen	30.00	59	2	0	c	30.07	+1.7	54	51	-1	S	1	0	65	43	0.02			
Leith	30.05	59	W	6	b	30.07	+1.1	55	51	-1	SE	1	N	64	43	-			
†Shields	30.11	61	W	3	c	30.14	+0.8	58	55	0	SW	3	0	69	49	0.01			
Spurn Head	30.19	62	NE	4	b	30.24	+0.9	58	54	+1	SSW	4	b	67	52	-			
York	30.19	59	W	2	0	30.21	+0.7	56	53	-3	S	1	c	65	49	-			
Nottingham	30.24	62	WNW	2	b	30.23	+0.6	62	57	-2	SSW	4	c	73	46	-			
†Ardrossan	30.09	59	W	3	c	30.01	+0.4	54	53	+1	ESE	2	N	60	48	0.10			
†Mullaghmore	30.13	55	WSW	3	0	29.81	-2.1	59	58	+6	SSW	7	g	59	50	0.21			
Donaghadee	30.14	59	NW	3	c	29.97	-0.7	53	53	-1	S	6	N	64	50	0.20			
Parsonstown	30.18	61	W	1	b	29.96	-1.8	59	57	+3	S	1	0	63	53	0.15			
Barrow-in-Furness	30.19	55	SW	3	b	30.15	+0.4	55	54	0	S	4	N	59	53	0.05			
†Holyhead	30.20	59	WSW	5	c	30.11	-0.5	55	54	0	SSW	5	N	61	54	0.07			
Liverpool (Biston)	30.19	60	WSW	4	c	30.17	+0.2	54	53	-5	SSE	2	N	64	53	0.01			
†Valentia	30.19	58	SSW	5	0	29.96	-2.5	58	58	0	S	7	0	62	55	0.54			
Roche's Point	30.21	58	WSW	5	c	30.05	-1.6	56	56	-1	SW	6	N	63	53	0.48			
Pembroke	30.24	57	WSW	4	c	30.17	-0.3	56	54	0	SSW	6	0	59	55	-			
†Scilly	30.32	62	WSW	4	c	30.26	-0.3	59	57	0	SSW	6	0	67	55	-			
Prawle Point	30.33	57	WSW	3	b	30.32	+0.2	58	54	-1	SSW	3	b	60	51	-			
Hurst Castle	30.31	60	W	4	b	30.32	+0.5	60	57	+4	SSW	2	b	64	50	-			
†Dover	30.26	62	WSW	3	b	30.34	+1.2	62	57	+2	WSW	3	b	65	55	-			
†London	30.18	68	W	2	b	30.32	+0.9	61	55	0	SW	2	b	72	47	-			
Oxford	30.29	59	WSW	2	b	30.29	+0.6	58	53	+1	SSW	1	0	68	56	-			
Cambridge	30.22	67	W	1	b	30.23	+0.8	59	56	0	SW	1	c	72	45	-			
†Yarmouth	30.21	67	W	3	b	30.29	+1.0	63	57	+5	SSW	2	b	69	50	-			
The Holder	30.26	60	WSW	1	b	30.30	+1.4	60	56	+2	WSW	1	b	64	51	-			
Cape Gris Nez	30.30	59	WSW	5	b	30.36	+1.3	59	58	+2	WNW	3	N	66	54	-			
†Jersey	30.39	60	WNW	2	b	30.39	+0.6	60	57	+2	SSE	2	b	68	50	-			
Brest	30.39	62	NW	3	b	30.34	-0.2	56	52	+1	SE	3	b	64	52	-			
Lorient	30.33	63	WNW	5	b	30.31	0.0	56	54	+1	2	4	b	66	50	-			
†Rochefort	30.28	65	NW	7	b	30.30	+0.3	60	56	0	E	5	b	72	54	-			
Biarritz	30.28	66	N	5	b	30.27	+0.2	40	63	+6	2	0	b	?	55	-			
Corunna	*	*	*	*	*	30.14	-0.8	66	*	+2	E	1	b	5	*	*			
Brussels	*	*	*	*	*														
Charleville	30.23	63	WNW	1	b	30.38	+1.9	58	52	0	N	1	b	70	46	-			
Paris	30.27	67	NNE	5	b	30.39	+1.3	59	53	+2	2	0	b	*	*	-			
Lyons																			
Toulon	30.04	72	E	4	b	30.09	+1.2	73	60	+7	2	0	b	79	63	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.93	53	WSW	4	0	28.93	+0.7	51	50	+1	2	3	0	53	48	0.17			

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

Hawes Junction	28.93	53	WSW	4	0	28.93	+0.7	51	50	+1	S	3	0	*	53	48	0.17
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudeuaes	30.03	59	55	SSW	2	0	Valentia	30.22	62	58	SW	5	0
Sumburgh Head							Scilly	30.31	65	59	WSW	?	0
Stornoway	29.88	55	54	WNW	5	0	Dover	30.26	64	59	SW	2	0
Aberdeen	29.90	64	55	WSW	4	0	London	30.25	68	60	W	2	0
Shields	30.07	58	56	SW	4	0	Yarmouth	30.21	65	55	WNW	2	0
Ardrossan	30.03	58	53	W	4	0	Jersey	30.38	62	57	WNW	2	0
Mullaghmore	30.09	59	54	W	4	0	Rochefort	30.28	70	60	NW	5	0
Holyhead	30.18	60	54	SW	5	0							

Pressure is increasing slowly, and the weather is fair, though with a good deal of cloud, except on our extreme S.E. coast. Temperature ranges from 68° in London to 55° 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 3 p.m. daily (Sundays excepted).



## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JUNE 1881

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

DATE.	STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS			DATE.
		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.				
1st.	Sumburgh Hd.	30.26	53	W	2	m	30.19	-.09	54	53	0	W	2	m	1	57	48	0.01	25th		
"	Heldw.	30.25	54	NNW	1	b c	30.22	-.09	55	53	- 5	NNE	1	b v	1	61	42	-	25th		
"	Corunna	*	*	*	*	*	30.23	-.04	?	*	?	E NE	1	b	1	*	*	*	25th		
"	Lions	30.08	63	E	1	o	30.11	-.01	59	56	+ 1	NW	1	o	*	73	51	0.24	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	30.18	-	54	53	-	W	2	m	1	-	-	-	25th		
"	Stormaway 2pm	-	-	-	-	-	30.17	-	62	59	-	S	4	b	4	-	-	-	25th		
2nd	Sumburgh Hd.	30.16	52	W	1	f	30.01	-.18	56	54	+ 2	SSW	1	b	1	57	45	-	25th		
"	Corunna	*	*	*	*	*	30.66	+ 0.3	65	*	?	E NE	1	b	1	*	*	*	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	30.00	-	57	53	-	SSW	3	b	2	-	-	-	25th		
3rd	Sumburgh Head	29.99	55	SSW	2	b	29.90	-.11	53	50	- 3	SW	4	o	3	62	46	0.01	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	29.83	-	53	50	-	SW	4	o	3	-	-	-	25th		
4th	Sumburgh Head	29.74	49	SW	4	N	29.52	-.38	51	49	- 2	SW	5	o	4	56	42	0.25	25th		
"	Blarney	30.12	65	W	4	m	30.14	+ 0.02	63	60	0	W	4	o	2	63	57	-	25th		
"	Corunna	*	*	*	*	*	30.26	-.01	65	*	0	NE	2	b	4	*	*	*	25th		
"	Lions	30.12	60	N	4	c	30.14	-.04	64	58	+ 6	SW	1	m	*	80	53	-	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	29.44	-	50	49	-	SW	4	N	4	-	-	-	25th		
5th	Sumburgh Head	29.27	48	SW	3	N	29.19	-.33	49	46	- 2	SSW	5	o	3	54	42	0.40	25th		
6th	Sumburgh Head	29.17	47	SW	5	c	29.39	+ 0.20	47	44	- 2	NW	5	b v	4	51	41	0.03	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	29.49	-	47	45	-	NW	5	b	4	-	-	-	25th		
7th	Sumburgh Hd.	29.49	45	NNW	5	b c	29.60	+ 0.21	42	41	- 5	N	5	b	5	49	36	0.07	25th		
"	Cape Gire Hey	29.49	49	W	5	N	29.60	+ 0.32	49	47	- 4	N	1	o	1	54	?	0.51	25th		
"	Blarney	29.88	58	NW	9	N	29.78	+ 0.02	51	48	- 7	WSW	9	N	5	64	45	0.32	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	29.60	-	45	43	-	N	6	o	5	-	-	-	25th		
8th	Sumburgh Hd.	29.65	39	N	6	c	29.88	+ 0.23	41	40	- 1	N	6	o	5	47	34	0.06	25th		
"	Blarney	29.84	56	WNW	7	N	29.93	+ 0.15	55	49	+ 4	N	7	o	4	63	45	0.32	25th		
"	Corunna	*	*	*	*	*	30.20	-.04	54	*	- 5	SE	1	o	5	*	*	*	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	30.00	-	45	43	-	N	6	o	5	-	-	-	25th		
9th	Sumburgh Hd.	30.08	43	N	5	e	30.18	+ 0.30	40	40	- 1	N	5	N	5	47	35	0.04	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	30.20	-	43	42	-	N	5	c	5	-	-	-	25th		
10th	Sumburgh Head	30.20	44	N	5	e	30.09	-.09	44	42	+ 4	N	5	c	5	46	34	0.01	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	30.06	-	47	44	-	N	5	c	5	-	-	-	25th		
11th	Sumburgh Hd.	30.03	45	N	5	c	29.95	-.14	42	42	- 2	N	4	N	4	48	39	0.07	25th		
"	Corunna	*	*	*	*	*	30.31	-.13	60	*	+ 1	SSW	1	o	2	*	*	*	25th		
"	Loulon	29.94	59	WNW	3	b	30.03	+ 0.14	49	42	- 5	NW	5	b	6	66	46	-	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	29.93	-	45	45	-	N	5	N	4	-	-	-	25th		
12th	Sumburgh Head	29.92	45	NNE	5	N	29.94	-.01	47	47	+ 5	NNE	3	o	3	48	40	0.12	25th		
13th	Sumburgh Head	29.97	49	NE	1	c	30.01	+ 0.07	46	44	- 1	N	3	o	3	52	42	-	25th		
"	Corunna	*	*	*	*	*	30.26	-.05	64	*	+ 1	E	1	b	?	*	*	*	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	30.04	-	48	46	-	N	3	o	2	-	-	-	25th		
14th	Dodó	30.04	57	E NE	2	b	30.03	-.03	55	45	0	E NE	5	b	1	64	32	-	25th		
"	Sumburgh Hd.	30.05	46	N	3	o	30.04	+ 0.03	47	45	+ 1	N	3	o	2	49	41	-	25th		
"	Corunna	*	*	*	*	*	30.12	-.14	59	*	- 5	E	1	o	1	*	*	*	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	30.01	-	49	47	-	NNW	3	o	2	-	-	-	25th		
15th	Sumburgh Hd.	30.00	43	NE	1	o	29.96	-.08	47	46	0	NE	2	o	2	50	40	-	25th		
"	Corunna	*	*	*	*	*	30.05	-.07	66	*	+ 7	SE	1	b	1	*	*	*	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	29.95	-	50	48	-	E	1	o	2	-	-	-	25th		
16th	Sumburgh Hd.	29.98	48	SE	2	o	30.05	+ 0.09	50	48	+ 3	E NE	3	c	3	51	42	-	25th		
"	Blarney	29.99	64	W	5	o	30.01	+ 0.05	63	60	- 1	W	3	o f	3	66	55	-	25th		
"	Corunna	*	*	*	*	*	30.01	-.04	67	*	+ 1	SE	1	o	1	*	*	*	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	30.07	-	52	50	-	E SE	4	c	4	-	-	-	25th		
17th	Sumburgh Head	30.08	50	SE	4	c	30.08	+ 0.03	50	48	0	E SE	4	o	4	54	44	-	25th		
"	Corunna	*	*	*	*	*	29.96	-.05	67	*	0	S	2	o	1	*	*	*	25th		
"	Lions	29.99	71	S	1	o	30.06	-	65	59	-	S	1	b	*	79	55	0.08	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	30.08	-	50	49	-	SE	4	o	4	-	-	-	25th		
18th	Sumburgh Head	30.08	47	E SE	4	f	30.00	-.08	46	44	- 4	E	3	f	4	52	44	0.04	25th		
"	Corunna	*	*	*	*	*	29.95	-.01	71	*	+ 14	S	1	o d	1	*	*	*	25th		
"	Sumburgh Hd 2pm	-	-	-	-	-	29.96	-	47	46	-	E	3	f	4	-	-	-	25th		
19th	Sumburgh Hd.	29.91	46	E	4	f	29.82	-.18	49	49	+ 3	NE	3	N	4	50	43	0.17	25th		



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

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.			
		Barometer at 32° F. 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.	
20 <sup>th</sup>	Lumburgh Hd.	29.70	50	NE	1	f	29.40	- .42	50	50	+ 1	NE	2	N	3	52	45	0.12
	Corunna	*	*	*	*	*	29.89	- .11	78	*	+ 15	SE	1	C	1	*	*	*
21 <sup>st</sup>	Lumburgh Hd. 2pm	-	-	-	-	-	29.42	-	49	48	-	WNW	3	0	3	-	-	-
	Lumburgh Hd.	29.44	50	SW	2	0	29.44	+ .04	52	51	+ 2	ESE	2	0	4	53	44	0.19
	Corunna	*	*	*	*	*	29.75	- .14	81	*	+ 3	SSW	2	C	1	*	*	*
	Lumburgh Hd. 2pm	-	-	-	-	-	29.36	-	51	51	-	ESE	3	N	5	-	-	-
22 <sup>nd</sup>	Staparauda	29.62	48	Z	0	4	29.84	+ .19	55	47	+ 5	S	2	6	*	2	41	0.12
	Stornessand	29.72	64	Z	0	6	29.90	+ .29	57	52	+ 5	S	2	6	*	77	43	-
	Stockholm	29.90	53	SW	2	6	29.91	+ .13	70	60	+ 4	S	4	6	*	70	57	-
	Nisby	29.86	60	S	4	6	29.88	+ .05	71	62	+ 13	SSE	2	6	*	70	46	-
	Corunna	*	*	*	*	*	29.94	+ .19	64	*	- 17	S	1	0	1	*	*	*
23 <sup>rd</sup>	Lumburgh Hd.	29.26	51	ESE	3	f	29.21	- .23	54	52	+ .2	S	3	6	4	54	34	0.33
	Lumburgh Hd. 2pm	-	-	-	-	-	30.30	-	54	52	-	S	3	6	4	-	-	-
24 <sup>th</sup>	Lumburgh Hd.	29.94	52	S	3	N	29.60	+ .39	47	47	- 7	NW	4	N	4	57	46	0.13
	Baranitz	30.05	65	NW	5	0	30.14	+ .22	62	59	- 7	E	3	N	3	77	59	0.32
	Lumburgh Hd. 2pm	-	-	-	-	-	29.85	-	49	47	-	NW	4	N	4	-	-	-
25 <sup>th</sup>	Lumburgh Hd.	30.00	47	NW	4	0	30.11	+ .51	49	47	+ 2	SSW	3	C	4	51	42	0.05
	Corunna	*	*	*	*	*	30.11	-	2	-	-	NE	2	0	4	*	*	*
	Lumburgh Hd. 2pm	-	-	-	-	-	30.03	-	52	51	-	SE	5	C	5	-	-	-
26 <sup>th</sup>	Lumburgh Hd.	29.91	51	SW	6	C	29.78	- .38	50	50	+ 1	SSE	6	N	6	53	48	0.17
	Lumburgh Hd. 2pm	-	-	-	-	-	29.71	-	50	50	-	SSE	6	N	6	-	-	-
27 <sup>th</sup>	Lumburgh Hd.	29.69	50	SSE	6	m	29.87	+ .14	53	51	+ 3	WSW	4	6	4	53	46	0.13
	Lumburgh Hd.	29.96	53	WSW	4	6	29.76	- .11	52	51	- 1	SSE	4	C	4	56	44	-
	Corunna	*	*	*	*	*	30.10	- .18	65	*	- 1	S	1	0	1	*	*	*
28 <sup>th</sup>	Lumburgh Hd. 2pm	-	-	-	-	-	29.69	-	50	50	-	SSE	4	N	4	-	-	-
29 <sup>th</sup>	Lumburgh Hd.	29.68	50	WSW	3	C	29.44	+ .01	53	51	+ 1	SW	3	6	3	55	43	0.08
	Corunna	*	*	*	*	*	30.14	+ .04	61	*	- 4	NE	8	0	7	*	*	*
30 <sup>th</sup>	Lumburgh Hd. 2pm	-	-	-	-	-	29.82	-	54	51	-	SW	3	C	3	-	-	-
	Lumburgh Hd.	29.85	52	SW	3	6	29.83	+ .06	53	51	0	SSE	4	0	4	56	45	-
	Lumburgh Hd. 2pm	-	-	-	-	-	29.83	-	52	51	-	SW	3	C	4	-	-	-
31 <sup>st</sup>	Lumburgh Hd.	29.88	53	WSW	4	6	30.04	+ .21	53	52	0	SW	3	6	2	57	45	-
	Lumburgh Hd. 2pm	-	-	-	-	-	29.66	-	58	55	-	WSW	4	6	3	-	-	-
2. CORRECTIONS																		
1 <sup>st</sup>	Nottingham	-	-	-	-	-	30.29	- .12	-	-	-	-	-	-	-	-	-	-
2 <sup>nd</sup>	Dover	-	-	-	-	-	-	-	53	52	- 14	-	-	-	-	-	51	-
3 <sup>rd</sup>	Poche's Point	-	-	-	-	-	-	-	63	-	-	-	-	-	-	-	-	-
4 <sup>th</sup>	Barrow-in-Wharfedale	-	-	-	-	-	-	-	-	49	-	-	-	-	-	-	-	-
5 <sup>th</sup>	Wick	-	-	-	-	-	29.99	-	-	-	-	-	-	-	-	-	-	-
6 <sup>th</sup>	Leith	-	-	-	-	-	-	-	46	-	-	-	-	-	-	-	-	-
10 <sup>th</sup>	Mullaghmore	-	-	-	-	-	30.05	- .29	-	-	-	-	-	-	-	-	-	-
14 <sup>th</sup>	Stannaway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	-
15 <sup>th</sup>	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04
16 <sup>th</sup>	Wick	29.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17 <sup>th</sup>	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
18 <sup>th</sup>	Tain	-	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 <sup>th</sup>	Anderssen	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	50	-
21 <sup>st</sup>	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-
22 <sup>nd</sup>	Pembroke	-	-	-	-	-	30.01	+ .48	-	-	-	-	-	-	-	-	-	-
23 <sup>rd</sup>	Mullaghmore	-	-	-	-	-	29.66	- .26	-	-	-	-	-	-	-	-	-	-
24 <sup>th</sup>	Sturgesons	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?	-
25 <sup>th</sup>	Paris	-	-	-	-	-	-	-	62	-	-	-	-	-	-	-	-	-